

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032519\
 Data File : BF113277.D
 Acq On : 25 Mar 2019 13:32
 Operator : JU/SJ
 Sample : SSTDICC060
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Quant Time: Mar 25 13:56:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 25 13:25:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	140795	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	584320	20.00	ng	0.00
39) Acenaphthene-d10	9.74	164	293618	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	494803	20.00	ng	0.00
76) Chrysene-d12	13.84	240	376728	20.00	ng	0.00
87) Perylene-d12	15.24	264	311284	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	1036004	114.46	ng	0.00
7) Phenol-d6	6.36	99	1205820	106.05	ng	0.00
23) Nitrobenzene-d5	7.27	82	1140688	116.81	ng	0.00
42) 2,4,6-Tribromophenol	10.53	330	404411	129.74	ng	0.00
45) 2-Fluorobiphenyl	9.07	172	2116944	146.74	ng	0.00
79) Terphenyl-d14	12.80	244	2017166	103.80	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.37	88	251397	55.410	ng	100
3) Pyridine	3.07	79	631049	51.988	ng	99
4) n-Nitrosodimethylamine	3.02	42	281357	52.988	ng	97
6) Aniline	6.37	93	763933	48.812	ng	88
8) 2-Chlorophenol	6.50	128	521078	51.717	ng	98
9) Benzaldehyde	6.25	77	433162	52.874	ng	98
10) Phenol	6.37	94	703298	53.008	ng	93
11) bis(2-Chloroethyl)ether	6.45	93	546709	53.685	ng	97
12) 1,3-Dichlorobenzene	6.65	146	640399	61.528	ng	98
13) 1,4-Dichlorobenzene	6.72	146	618705	59.274	ng	99
14) 1,2-Dichlorobenzene	6.88	146	557972	58.312	ng	98
15) Benzyl Alcohol	6.86	79	413582	47.704	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.99	45	840658	49.465	ng	91
17) 2-Methylphenol	6.97	107	456825	55.889	ng	99
18) Hexachloroethane	7.22	117	223680	55.943	ng	98
19) n-Nitroso-di-n-propylamine	7.13	70	368889	51.228	ng	97
20) 3+4-Methylphenols	7.13	107	528684	57.290	ng	95
22) Acetophenone	7.12	105	723638	52.963	ng	99
24) Nitrobenzene	7.29	77	599555	55.164	ng	95
25) Isophorone	7.54	82	1176499	55.924	ng	99
26) 2-Nitrophenol	7.61	139	335116	74.070	ng	95
27) 2,4-Dimethylphenol	7.66	122	459628	54.607	ng	99
28) bis(2-Chloroethoxy)methane	7.75	93	671079	51.022	ng	99
29) 2,4-Dichlorophenol	7.86	162	499420	61.185	ng	98
30) 1,2,4-Trichlorobenzene	7.93	180	512439	58.428	ng	98
31) Naphthalene	8.02	128	1656497	57.101	ng	99
32) Benzoic acid	7.82	122	369303	62.600	ng	99
33) 4-Chloroaniline	8.06	127	685232	55.768	ng	99
34) Hexachlorobutadiene	8.13	225	334412	67.609	ng	100
35) Caprolactam	8.45	113	175556	61.066	ng	95
36) 4-Chloro-3-methylphenol	8.56	107	542447	60.050	ng	98
37) 2-Methylnaphthalene	8.70	142	1120693	59.820	ng	99
38) 1-Methylnaphthalene	8.80	142	1086560	59.873	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.87	216	548507	64.061	ng	100

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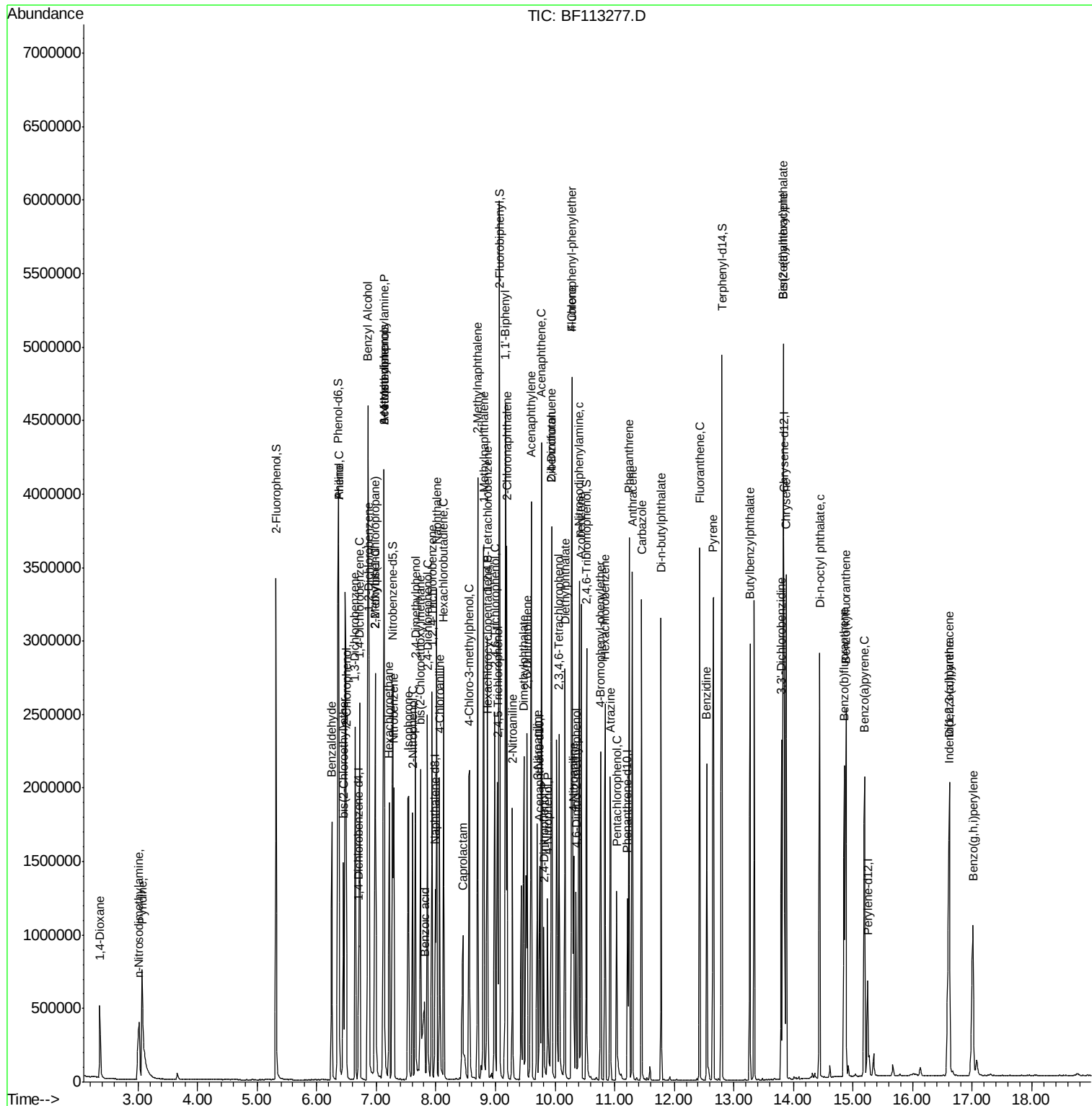
Instrument :
 BNA_F
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 SSTDICC060

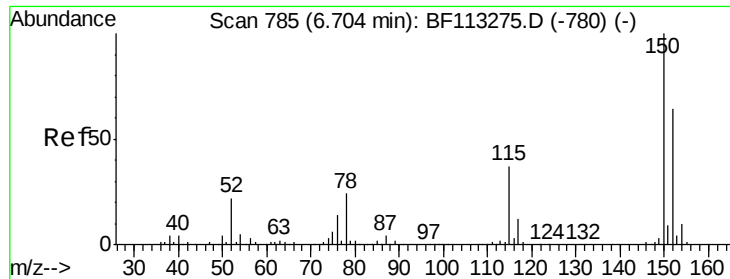
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.86	237	252125	53.773	nq	100
43) 2,4,6-Trichlorophenol	8.99	196	361853	61.406	nq	99
44) 2,4,5-Trichlorophenol	9.03	196	390523	61.313	nq	97
46) 1,1'-Biphenyl	9.17	154	1367608	57.105	nq	99
47) 2-Chloronaphthalene	9.19	162	1070014	57.219	nq	99
48) 2-Nitroaniline	9.29	65	338372	59.530	nq	96
49) Acenaphthylene	9.60	152	1740134	54.813	nq	98
50) Dimethylphthalate	9.47	163	1259327	58.168	nq	99
51) 2,6-Dinitrotoluene	9.53	165	288943	64.090	nq	95
52) Acenaphthene	9.77	154	977072	52.629	nq	99
53) 3-Nitroaniline	9.70	138	329233	59.931	nq	99
54) 2,4-Dinitrophenol	9.81	184	147489	79.979	nq	96
55) Dibenzofuran	9.95	168	1439758	53.359	nq	98
56) 4-Nitrophenol	9.87	139	241460	54.082	nq	97
57) 2,4-Dinitrotoluene	9.94	165	357553	63.803	nq	97
58) Fluorene	10.29	166	1094255	57.138	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.07	232	320543	60.405	nq	98
60) Diethylphthalate	10.17	149	1202746	52.600	nq	99
61) 4-Chlorophenyl-phenylether	10.28	204	533827	59.911	nq	95
62) 4-Nitroaniline	10.32	138	329172	64.845	nq	97
63) Azobenzene	10.44	77	1145081	48.892	nq	97
65) 4,6-Dinitro-2-methylphenol	10.35	198	191382	89.700	nq	99
66) n-Nitrosodiphenylamine	10.40	169	1011519	63.743	nq	99
67) 4-Bromophenyl-phenylether	10.77	248	315844	60.602	nq	95
68) Hexachlorobenzene	10.84	284	368262	62.683	nq	95
69) Atrazine	10.93	200	281315	57.882	nq	96
70) Pentachlorophenol	11.03	266	203288	58.790	nq	99
71) Phenanthrene	11.25	178	1409648	57.260	nq	100
72) Anthracene	11.30	178	1425678	55.323	nq	99
73) Carbazole	11.45	167	1374563	54.678	nq	100
74) Di-n-butylphthalate	11.78	149	1612278	53.488	nq	100
75) Fluoranthene	12.43	202	1569996	59.524	nq	99
77) Benzidine	12.54	184	829348	42.432	nq	96
78) Pyrene	12.66	202	1591927	50.125	nq	100
80) Butylbenzylphthalate	13.27	149	697181	49.732	nq	100
81) Benzo(a)anthracene	13.84	228	1279208	48.993	nq	100
82) 3,3'-Dichlorobenzidine	13.80	252	505410	51.182	nq	99
83) Chrysene	13.87	228	1293760	50.586	nq	99
84) Bis(2-ethylhexyl)phthalate	13.83	149	837966	50.962	nq	# 98
85) Di-n-octyl phthalate	14.44	149	1436887	50.890	nq	99
86) Indeno(1,2,3-cd)pyrene	16.60	276	1095393	50.239	nq	100
88) Benzo(b)fluoranthene	14.86	252	1243901	61.779	nq	99
89) Benzo(k)fluoranthene	14.88	252	935642	51.302	nq	99
90) Benzo(a)pyrene	15.19	252	1001032	56.208	nq	99
91) Dibenzo(a,h)anthracene	16.62	278	892233	58.711	nq	99
92) Benzo(g,h,i)perylene	17.01	276	915136	59.970	nq	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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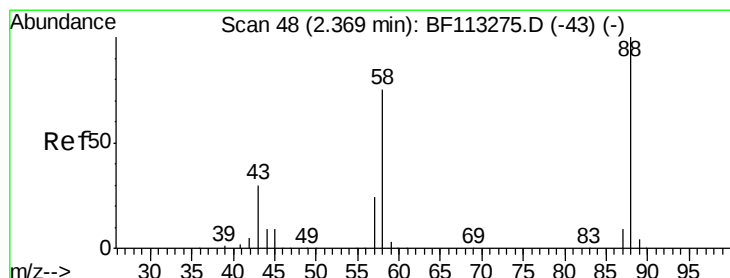
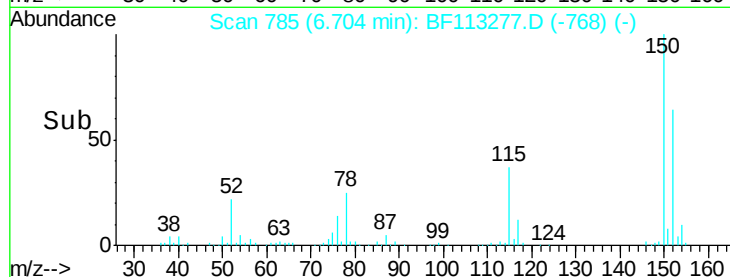
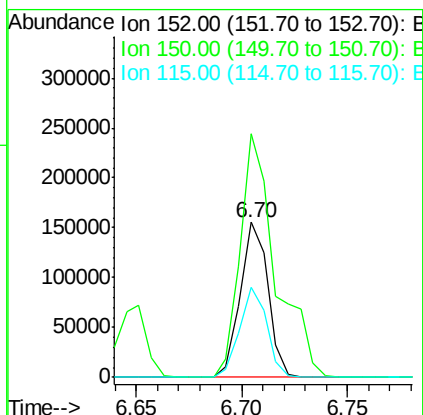
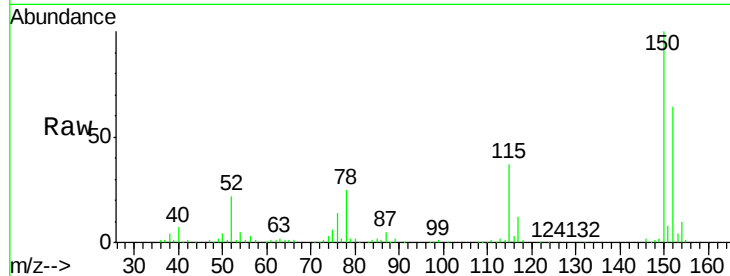


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. 0.00 min
Lab File: BF113277.D
Acq: 25 Mar 2019 13:32

Instrument :
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ClientSampleId :
SSTDIC060

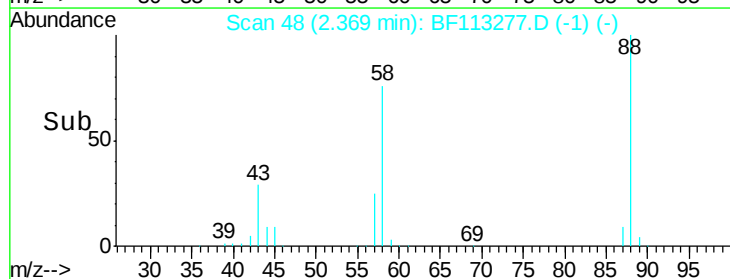
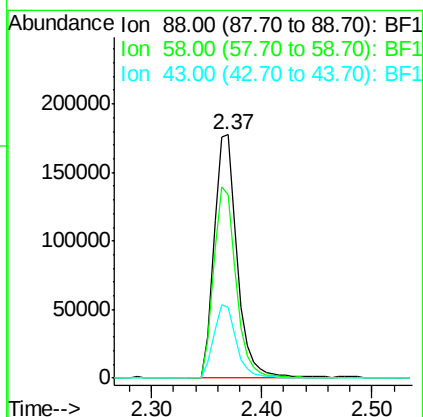
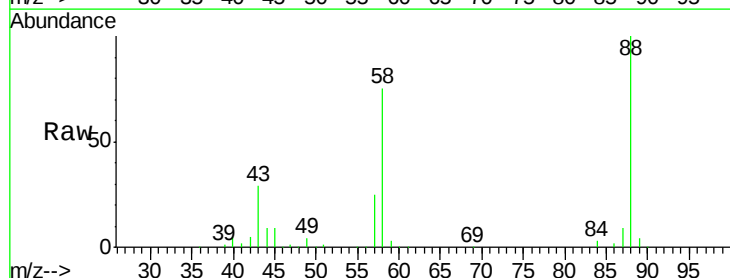
Tot Ion:152 Resp: 140795
Ion Ratio Lower Upper
152 100
150 157.3 124.7 187.1
115 58.3 46.0 69.0

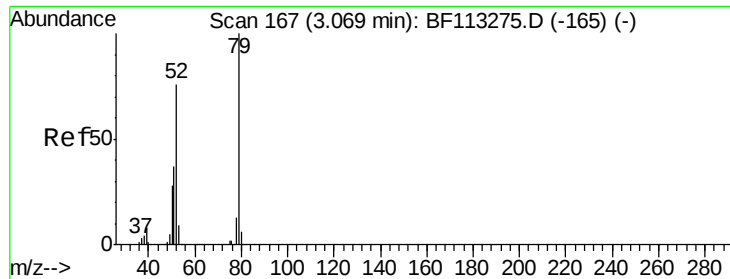


#2

1,4-Dioxane
Concen: 55.410 ng
RT: 2.37 min Scan# 48
Delta R.T. 0.00 min
Lab File: BF113277.D
Acq: 25 Mar 2019 13:32

Tgt Ion: 88 Resp: 251397
Ion Ratio Lower Upper
88 100
58 77.7 61.9 92.9
43 30.2 24.2 36.4





#3

Pvridine

Concen: 51.988 ng

RT: 3.07 min Scan# 167

Delta R.T. 0.00 min

Lab File: BF113277.D

Acq: 25 Mar 2019 13:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

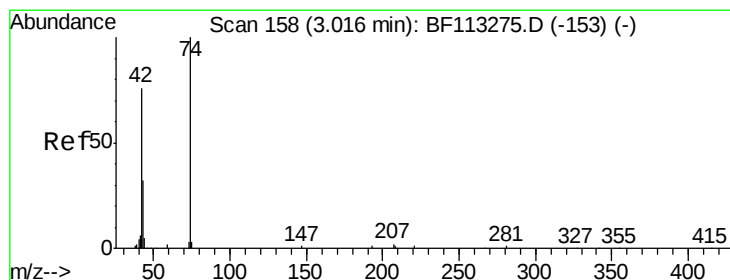
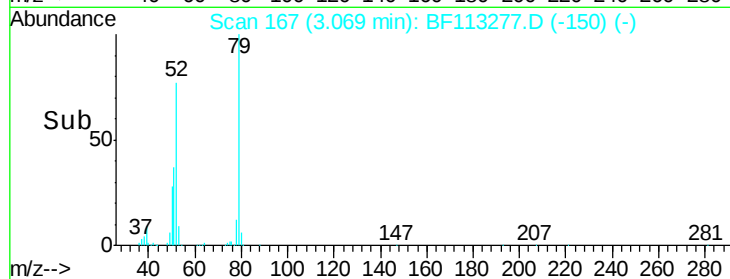
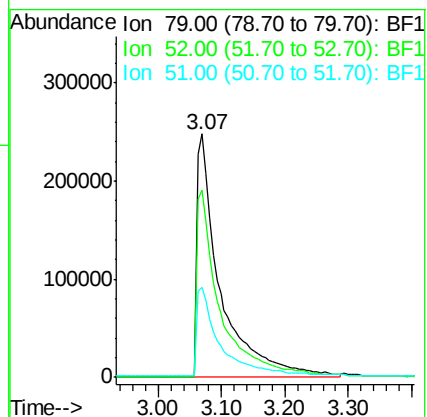
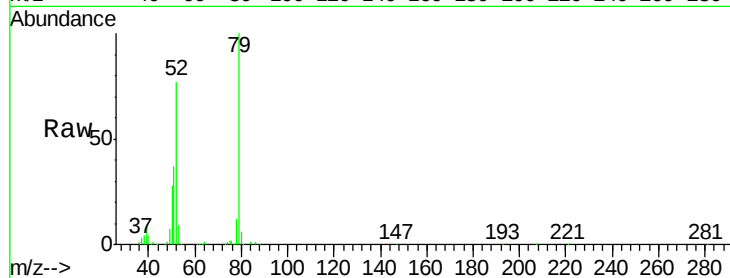
Tot Ion: 79 Resp: 631049

Ion Ratio Lower Upper

79 100

52 77.1 61.0 91.4

51 37.2 30.6 45.8



#4

n-Nitrosodimethylamine

Concen: 52.988 ng

RT: 3.02 min Scan# 159

Delta R.T. 0.01 min

Lab File: BF113277.D

Acq: 25 Mar 2019 13:32

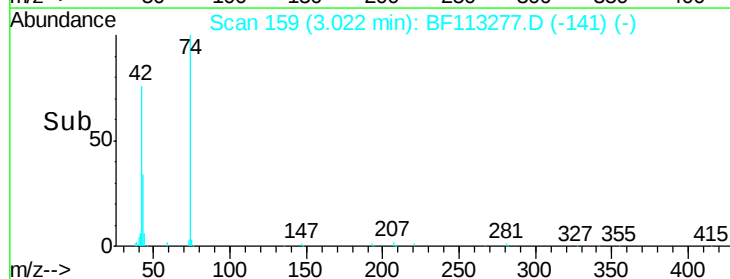
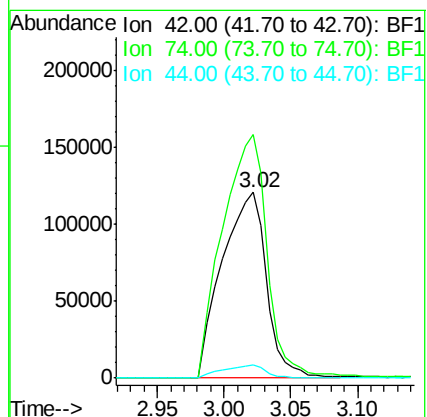
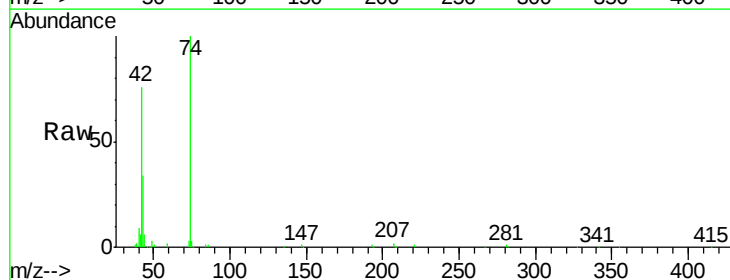
Tgt Ion: 42 Resp: 281357

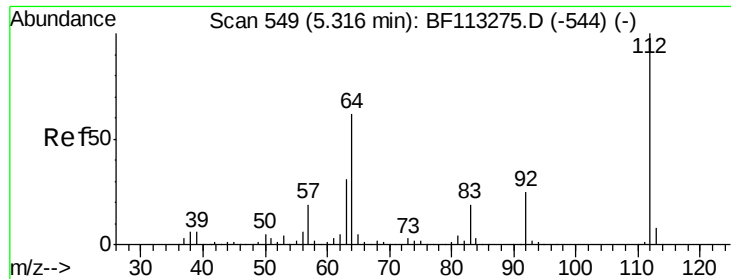
Ion Ratio Lower Upper

42 100

74 131.3 102.4 153.6

44 7.3 5.5 8.3





#5

2-Fluorophenol

Concen: 114.461 ng

RT: 5.32 min Scan# 550

Delta R.T. 0.01 min

Lab File: BF113277.D

Acq: 25 Mar 2019 13:32

Instrument :

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ClientSampleId :

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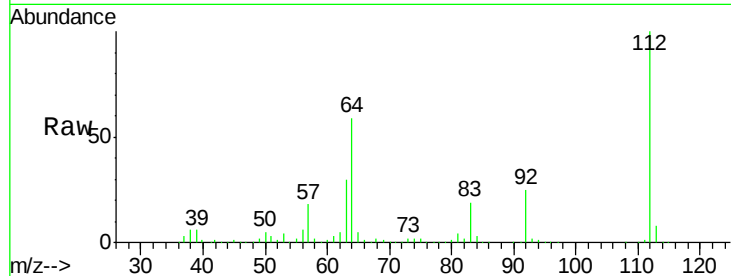
Tot Ion:112 Resp: 1036004

Ion Ratio Lower Upper

112 100

64 59.3 49.2 73.8

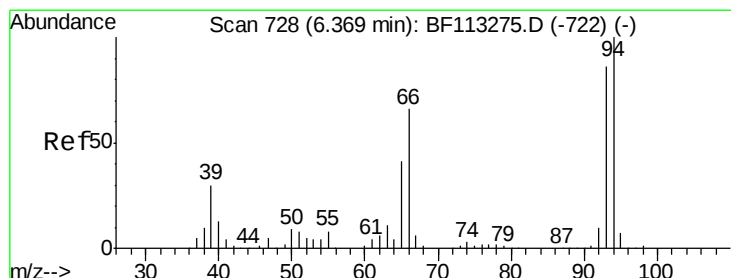
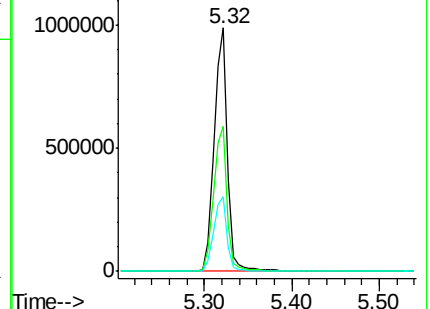
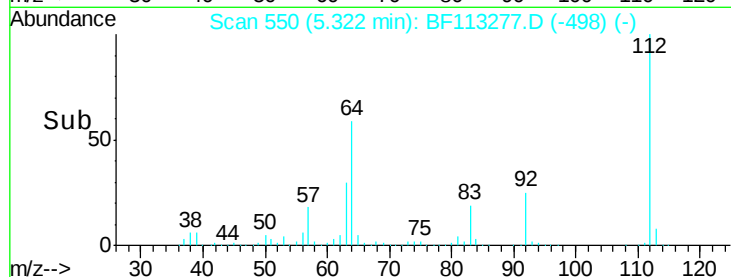
63 30.4 24.9 37.3



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 48.812 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF113277.D

Acq: 25 Mar 2019 13:32

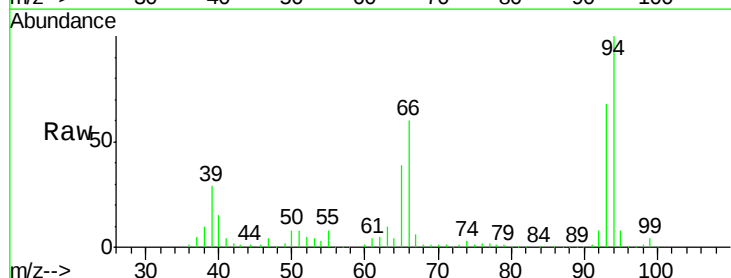
Tgt Ion: 93 Resp: 763933

Ion Ratio Lower Upper

93 100

66 88.0 62.1 93.1

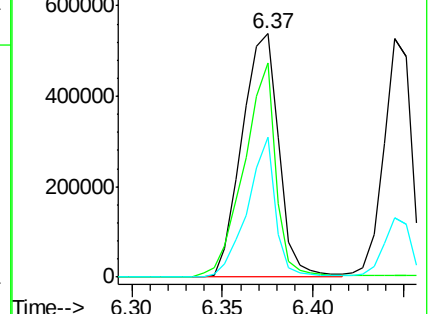
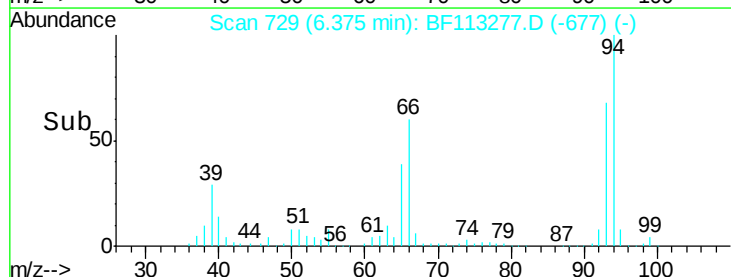
65 57.5 38.7 58.1

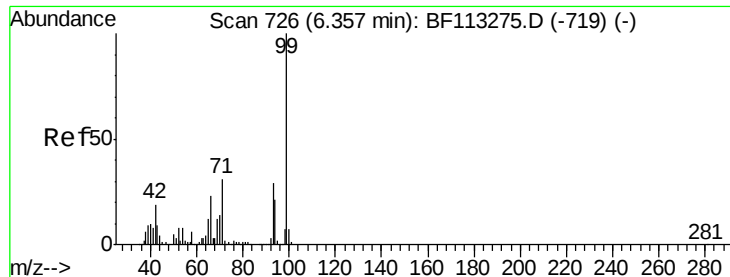


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 106.055 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF113277.D

Acq: 25 Mar 2019 13:32

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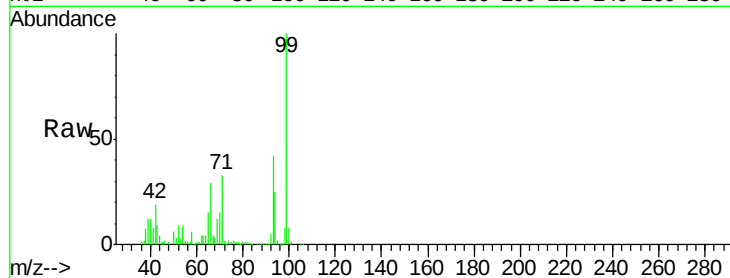
Tot Ion: 99 Resp: 1205820

Ion Ratio Lower Upper

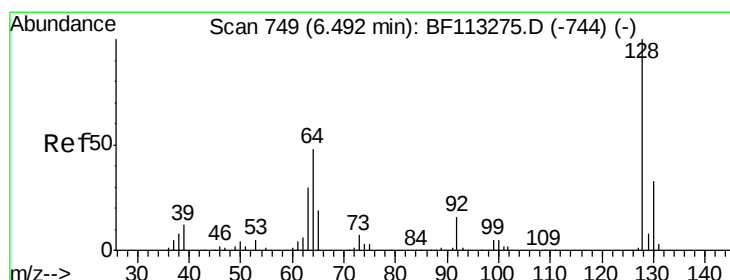
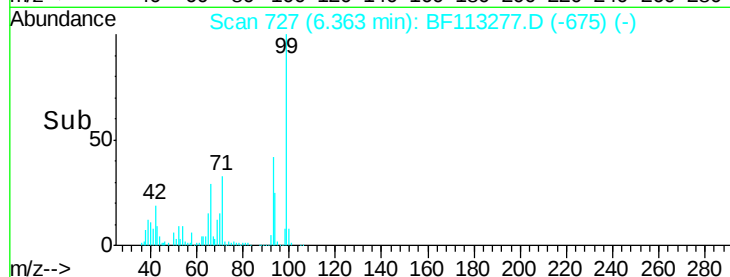
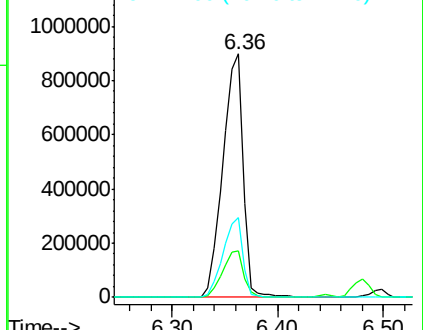
99 100

42 19.3 14.8 22.2

71 32.6 24.9 37.3



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 51.717 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF113277.D

Acq: 25 Mar 2019 13:32

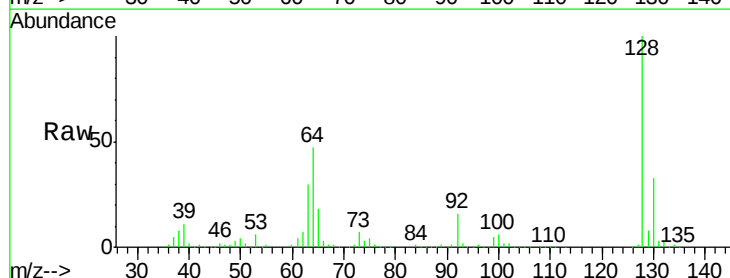
Tgt Ion: 128 Resp: 521078

Ion Ratio Lower Upper

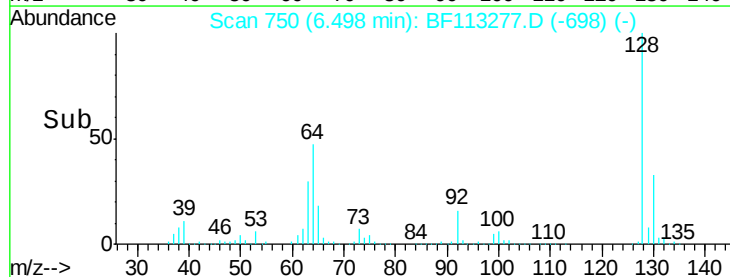
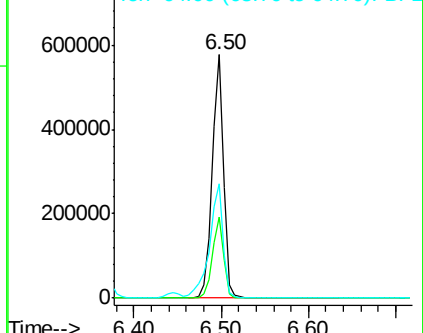
128 100

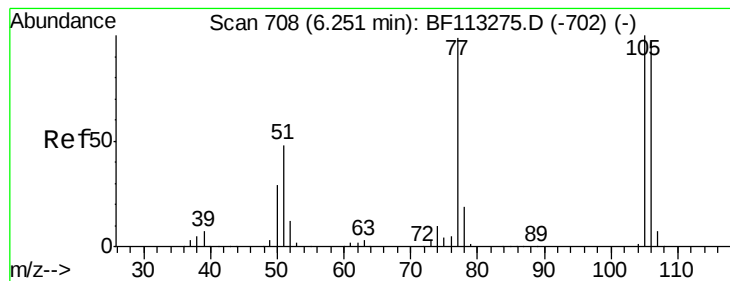
130 33.1 12.6 52.6

64 47.2 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 52.874 ng

RT: 6.25 min Scan# 708

Delta R.T. 0.00 min

Lab File: BF113277.D

Acq: 25 Mar 2019 13:32

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ClientSampleId :

SSTDIC060

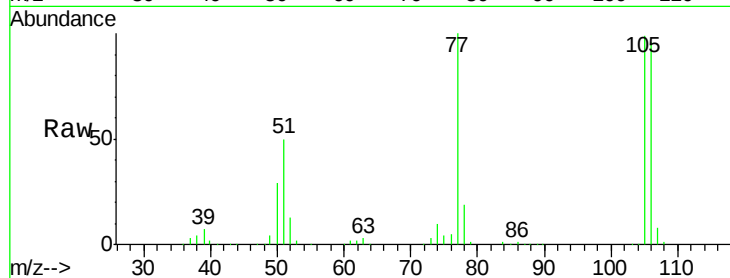
Tot Ion: 77 Resp: 433162

Ion Ratio Lower Upper

77 100

105 98.9 80.9 120.9

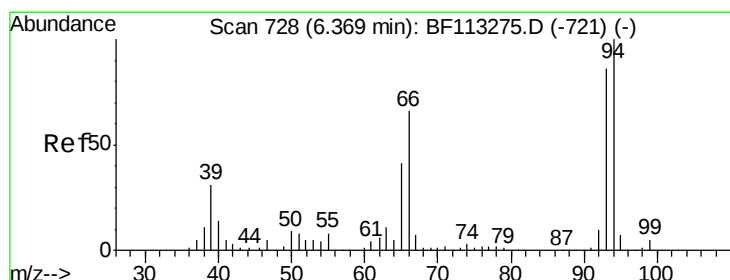
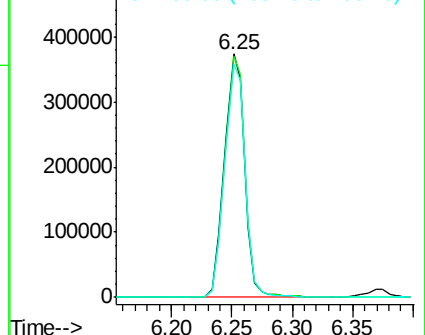
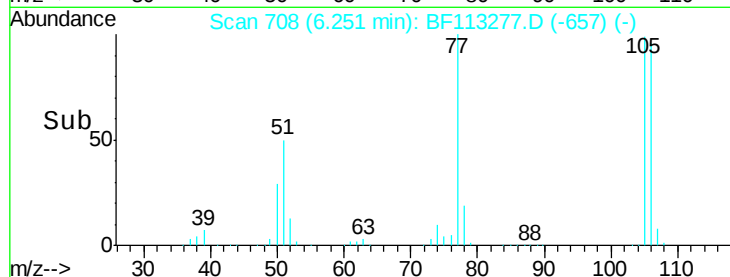
106 95.8 77.8 117.8



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 53.008 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF113277.D

Acq: 25 Mar 2019 13:32

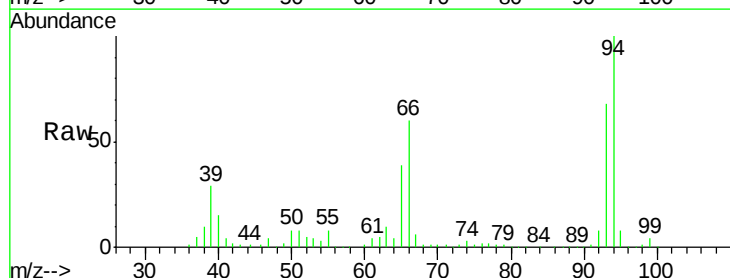
Tgt Ion: 94 Resp: 703298

Ion Ratio Lower Upper

94 100

65 38.9 21.4 61.4

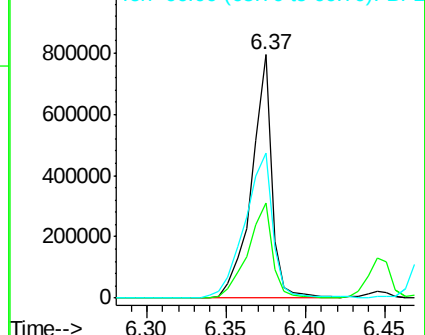
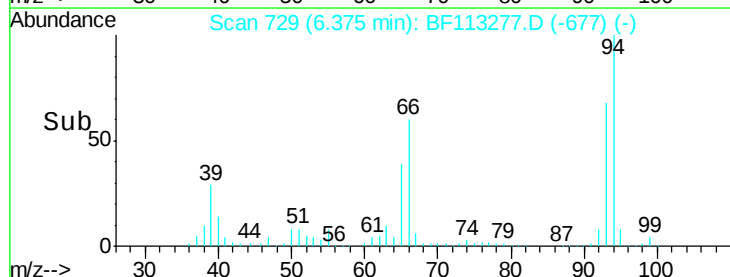
66 59.6 46.4 86.4

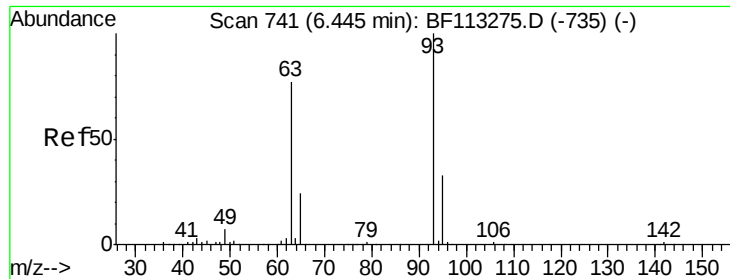


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

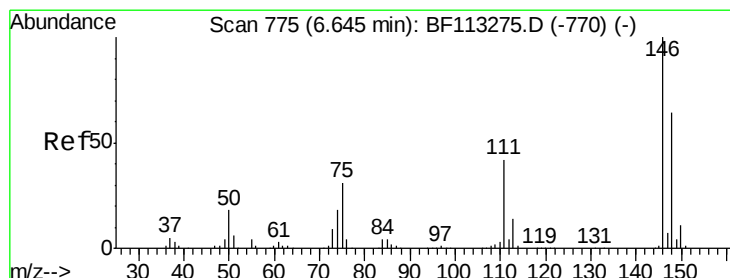
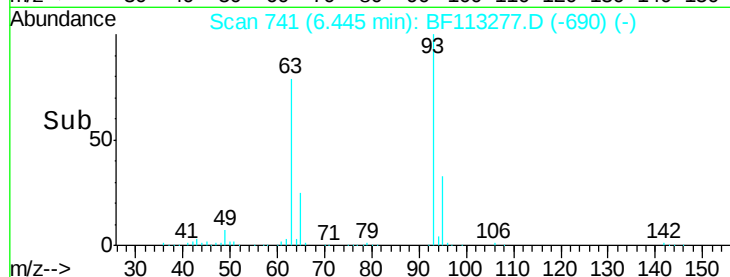
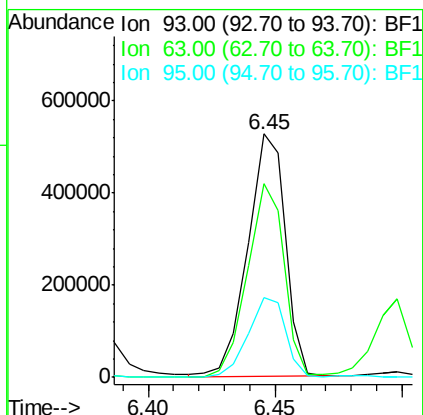
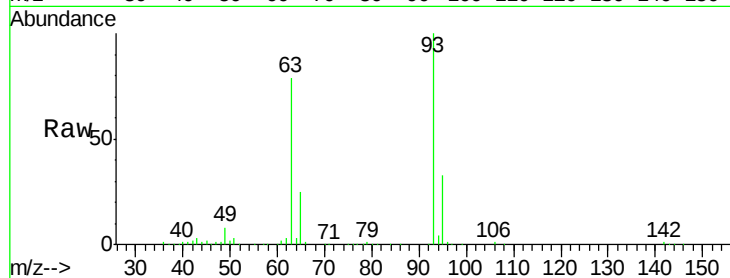




#11
bis(2-Chloroethyl)ether
Concen: 53.685 ng
RT: 6.45 min Scan# 741
Delta R.T. 0.00 min
Lab File: BF113277.D
Acq: 25 Mar 2019 13:32

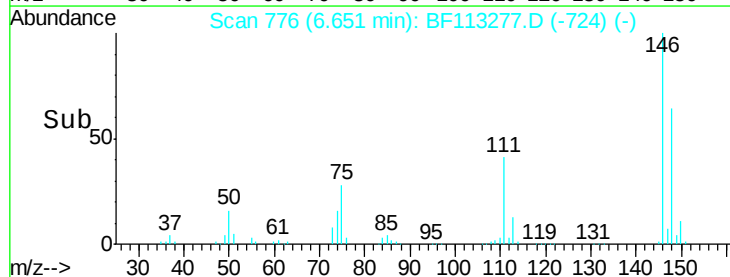
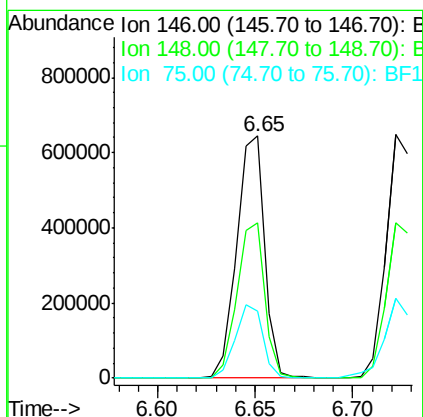
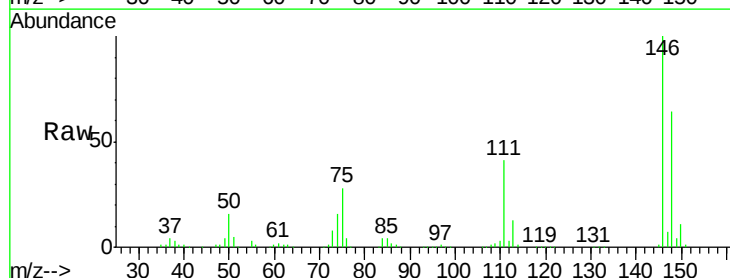
Instrument :
BNA_F
ClientSampleId :
SSTDIC060

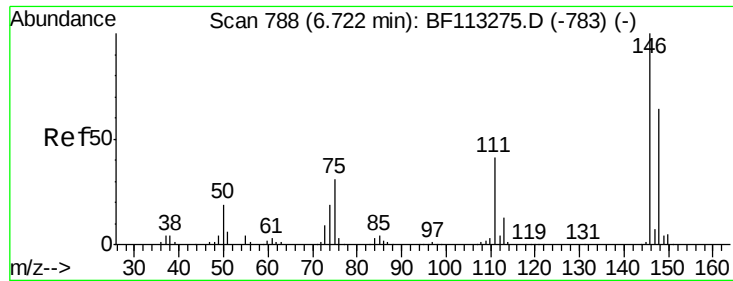
Tot Ion: 93 Resp: 546709
Ion Ratio Lower Upper
93 100
63 79.3 56.1 96.1
95 33.0 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 61.528 ng
RT: 6.65 min Scan# 776
Delta R.T. 0.01 min
Lab File: BF113277.D
Acq: 25 Mar 2019 13:32

Tgt Ion: 146 Resp: 640399
Ion Ratio Lower Upper
146 100
148 64.1 51.4 77.0
75 27.6 24.8 37.2

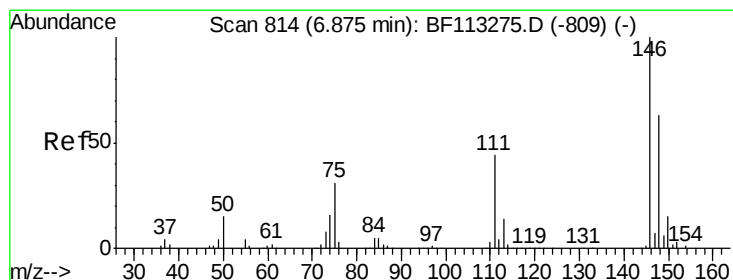
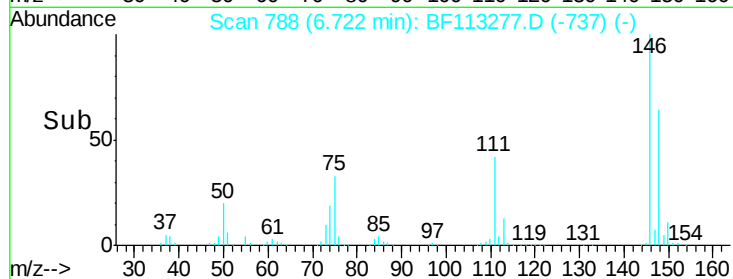
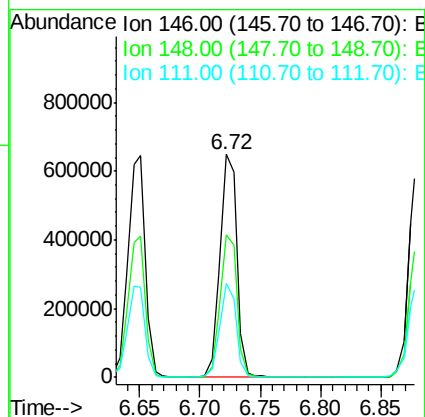
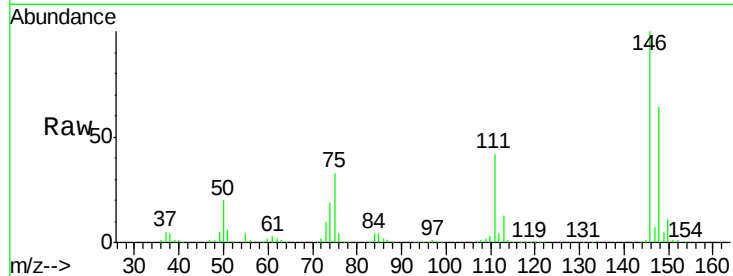




#13
 1,4-Dichlorobenzene
 Concen: 59.274 ng
 RT: 6.72 min Scan# 788
 Delta R.T. 0.00 min
 Lab File: BF113277.D
 Acq: 25 Mar 2019 13:32

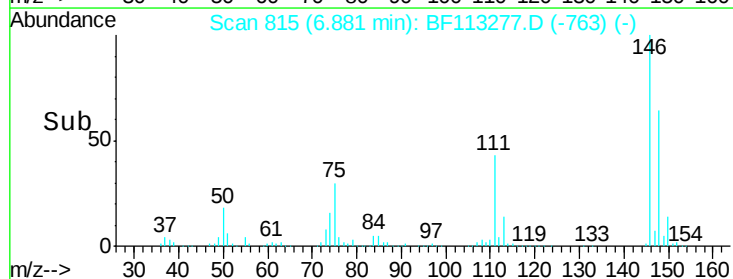
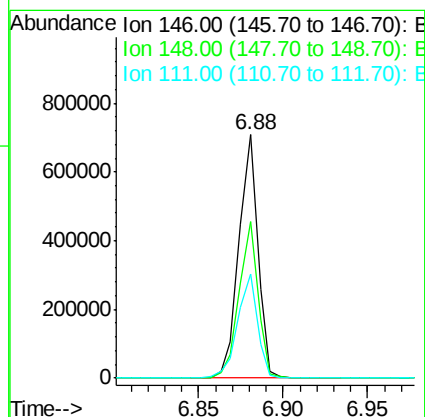
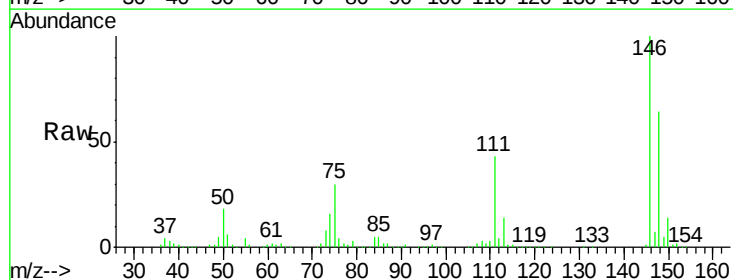
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

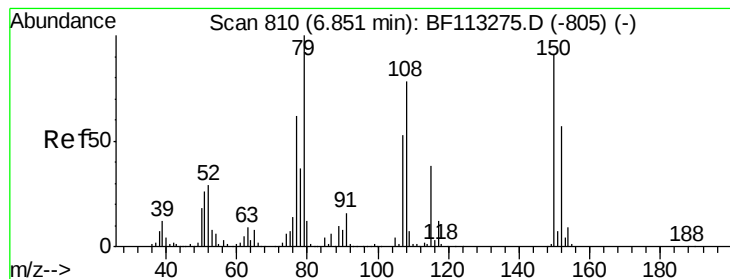
Tot Ion:146 Resp: 618705
 Ion Ratio Lower Upper
 146 100
 148 63.9 51.1 76.7
 111 41.9 32.8 49.2



#14
 1,2-Dichlorobenzene
 Concen: 58.312 ng
 RT: 6.88 min Scan# 815
 Delta R.T. 0.01 min
 Lab File: BF113277.D
 Acq: 25 Mar 2019 13:32

Tgt Ion:146 Resp: 557972
 Ion Ratio Lower Upper
 146 100
 148 64.2 50.2 75.4
 111 42.6 35.4 53.2





#15

Benzyl Alcohol

Concen: 47.704 ng

RT: 6.86 min Scan# 811

Delta R.T. 0.01 min

Lab File: BF113277.D

Acq: 25 Mar 2019 13:32

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

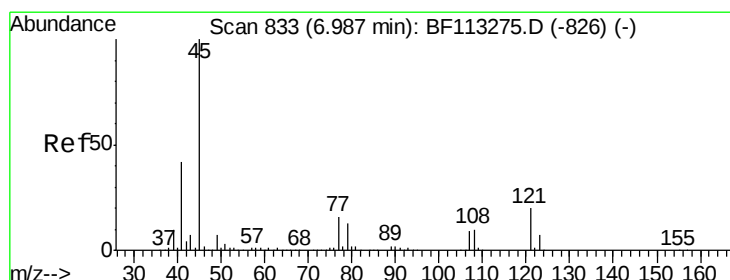
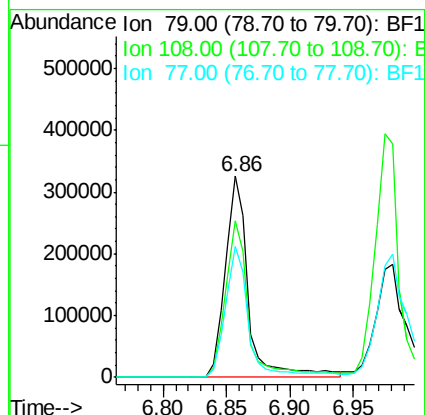
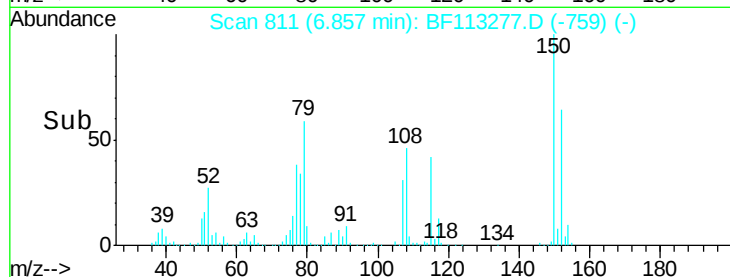
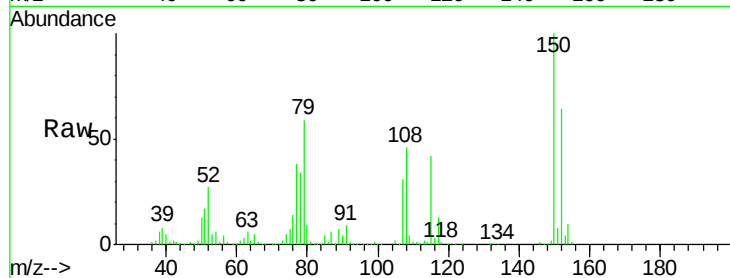
Tot Ion: 79 Resp: 413582

Ion Ratio Lower Upper

79 100

108 77.6 62.0 93.0

77 64.8 49.9 74.9



#16

2,2'-oxybis(1-chloropropane)

Concen: 49.465 ng

RT: 6.99 min Scan# 833

Delta R.T. 0.00 min

Lab File: BF113277.D

Acq: 25 Mar 2019 13:32

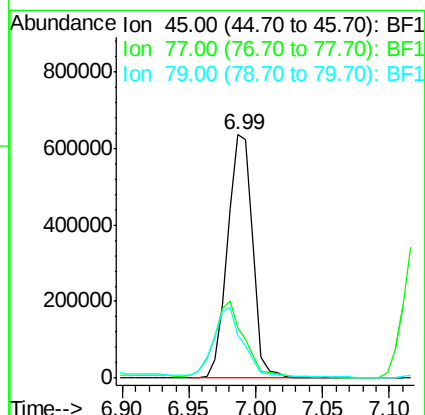
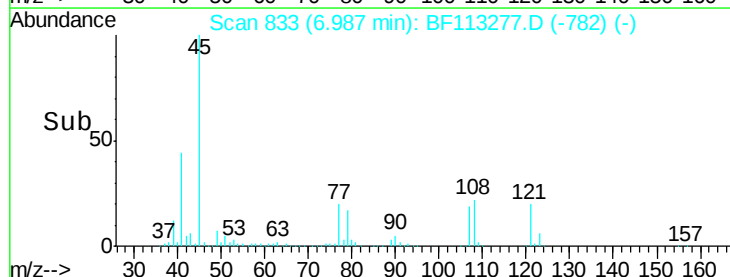
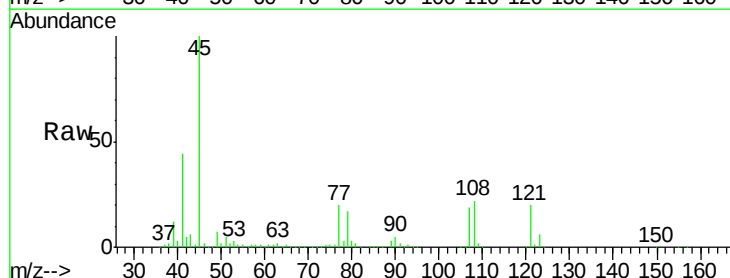
Tgt Ion: 45 Resp: 840658

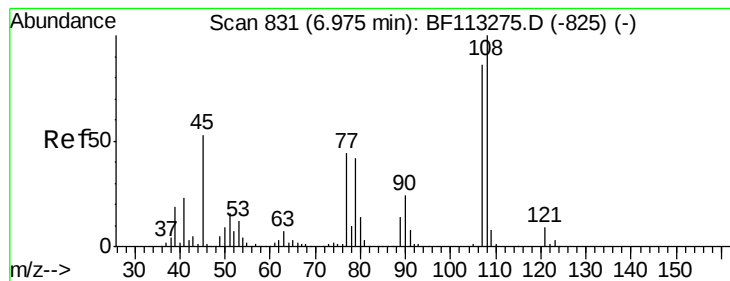
Ion Ratio Lower Upper

45 100

77 20.5 0.0 36.6

79 17.4 0.0 34.0





#17

2-Methylphenol

Concen: 55.889 ng

RT: 6.97 min Scan# 831

Delta R.T. 0.00 min

Lab File: BF113277.D

Acq: 25 Mar 2019 13:32

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tot Ion:107 Resp: 456825

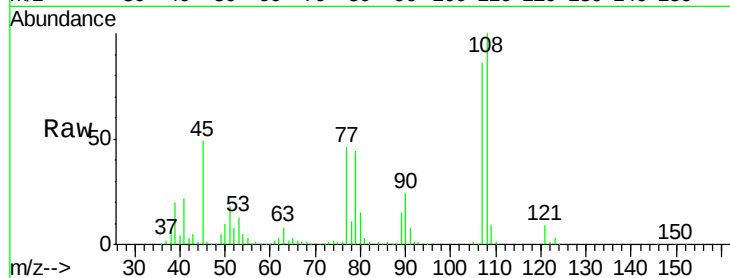
Ion Ratio Lower Upper

107 100

108 115.9 93.4 140.0

77 53.0 41.2 61.8

79 51.5 40.1 60.1

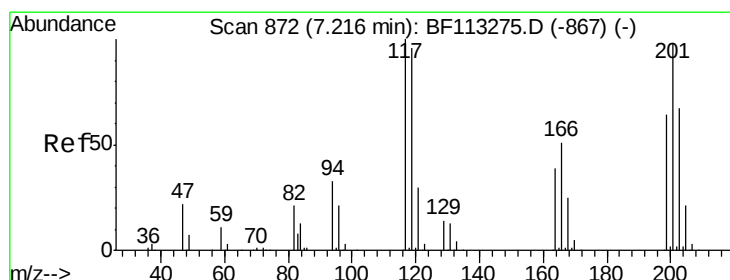
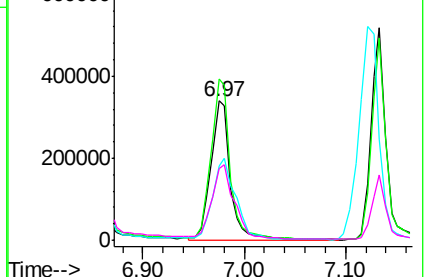
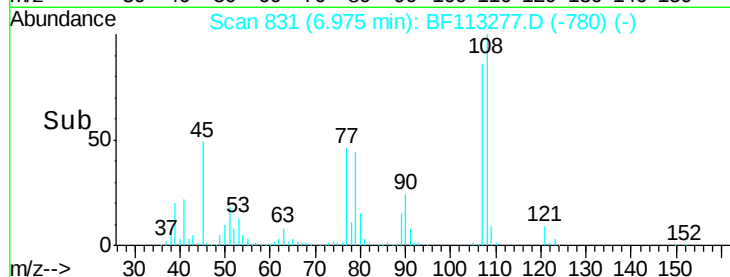


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 55.943 ng

RT: 7.22 min Scan# 872

Delta R.T. 0.00 min

Lab File: BF113277.D

Acq: 25 Mar 2019 13:32

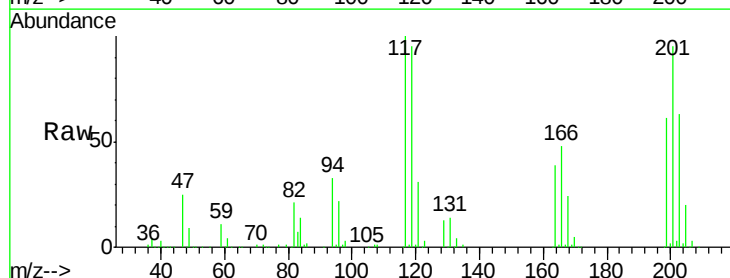
Tgt Ion:117 Resp: 223680

Ion Ratio Lower Upper

117 100

119 95.2 76.9 115.3

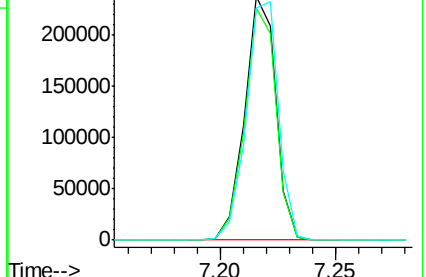
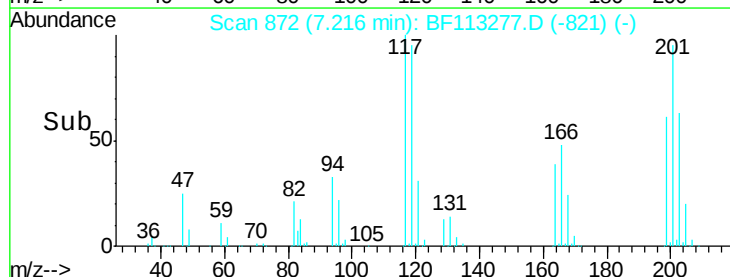
201 95.5 78.7 118.1

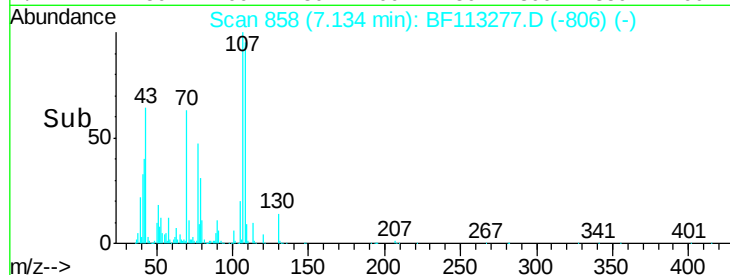
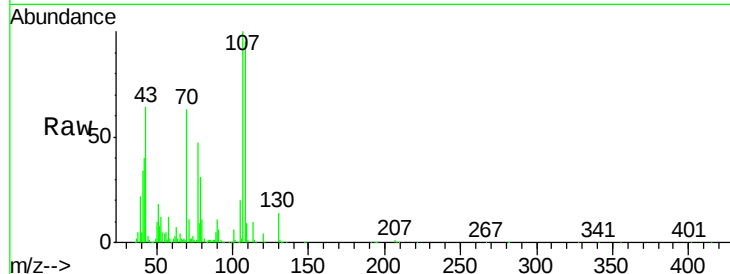
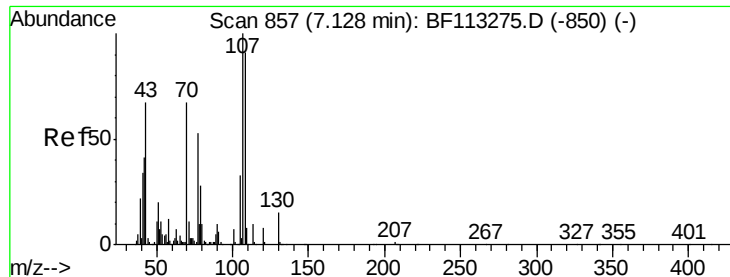


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

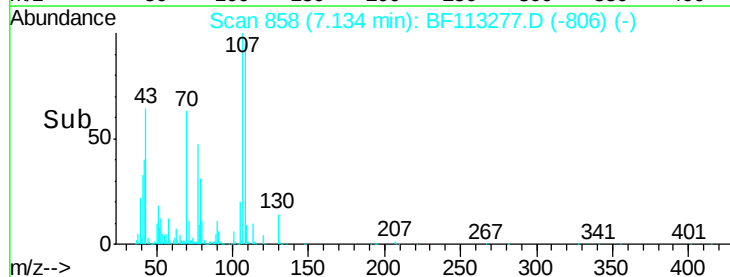
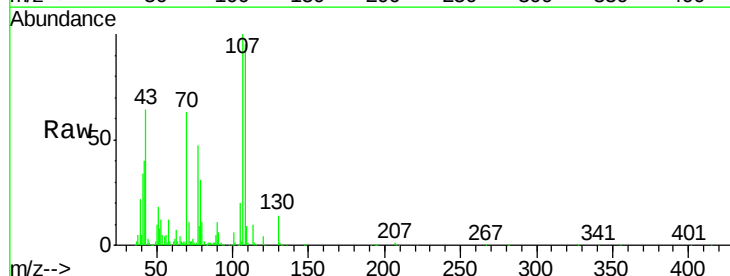
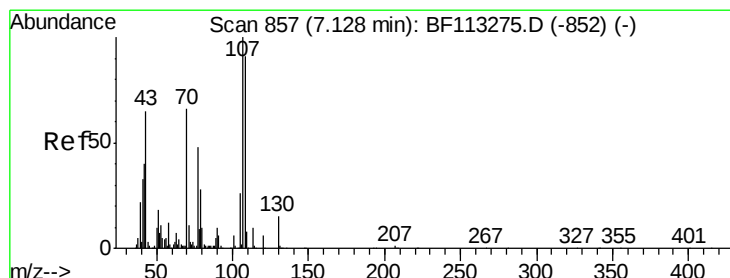
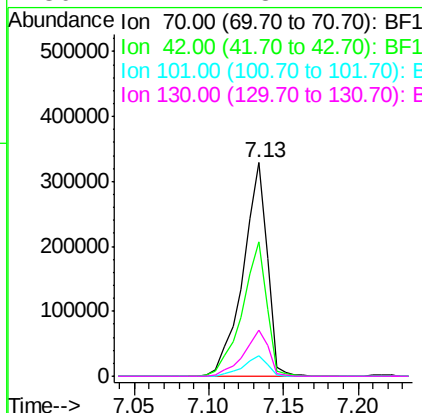




#19
n-Nitroso-di-n-propylamine
Concen: 51.228 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.01 min
Lab File: BF113277.D
Acq: 25 Mar 2019 13:32

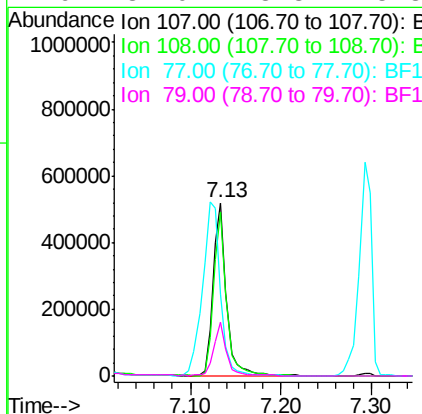
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

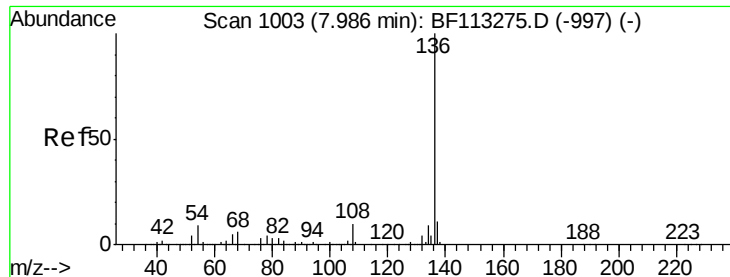
Tot Ion:	70	Resp:	368889
Ion	Ratio	Lower	Upper
70	100		
42	62.9	48.4	72.6
101	9.7	7.8	11.8
130	21.4	18.2	27.4



#20
3+4-Methylphenols
Concen: 57.290 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.01 min
Lab File: BF113277.D
Acq: 25 Mar 2019 13:32

Tgt Ion:	107	Resp:	528684
Ion	Ratio	Lower	Upper
107	100		
108	94.8	71.4	111.4
77	47.4	33.5	73.5
79	31.0	8.3	48.3

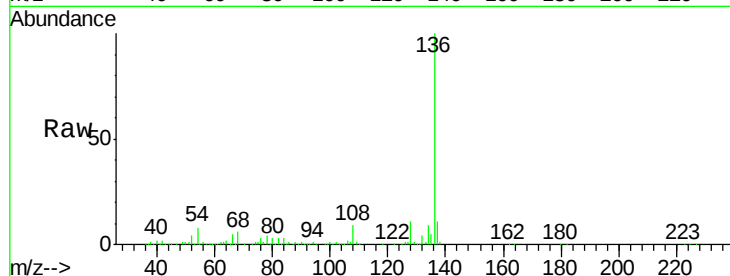




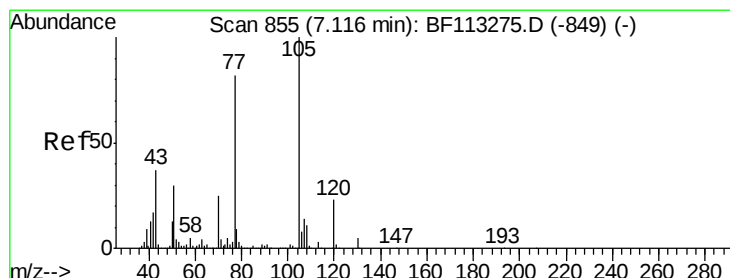
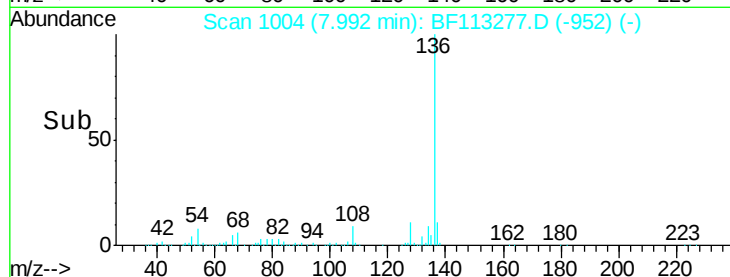
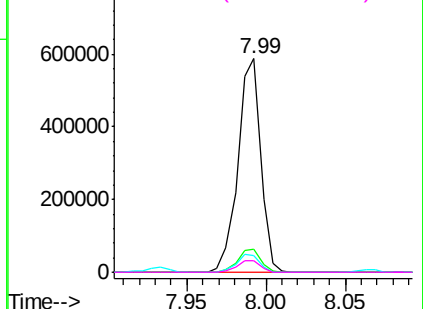
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1004
Delta R.T. 0.01 min
Lab File: BF113277.D
Acq: 25 Mar 2019 13:32

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion:136	Resp: 584320
Ion Ratio	Lower Upper
136 100	
137 11.0	8.9 13.3
54 7.8	7.0 10.6
68 5.6	4.8 7.2

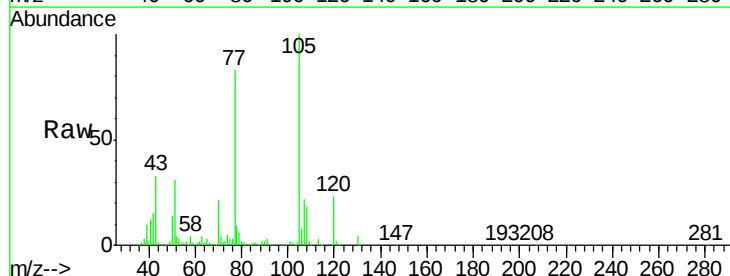


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

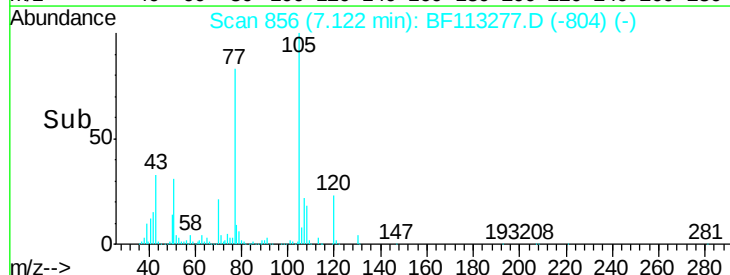
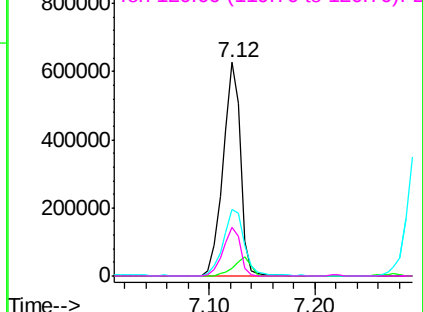


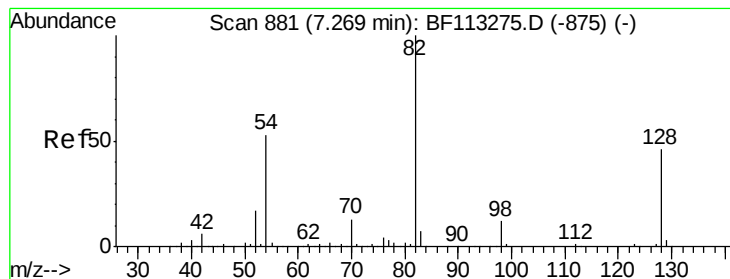
#22
Acetophenone
Concen: 52.963 ng
RT: 7.12 min Scan# 856
Delta R.T. 0.01 min
Lab File: BF113277.D
Acq: 25 Mar 2019 13:32

Tgt	Ion:105	Resp:	723638
Ion	Ratio	Lower	Upper
105	100		
71	3.6	3.3	4.9
51	31.5	24.2	36.2
120	22.6	18.1	27.1



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 116.813 ng

RT: 7.27 min Scan# 882

Delta R.T. 0.01 min

Lab File: BF113277.D

Acq: 25 Mar 2019 13:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

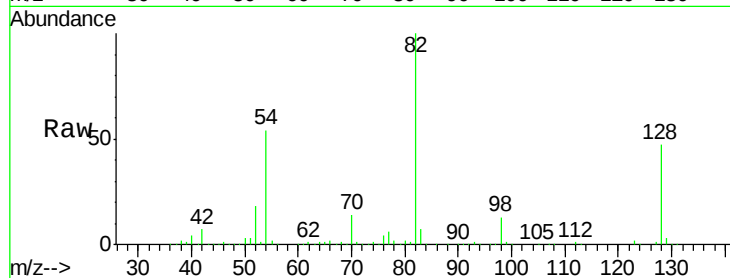
Tot Ion: 82 Resp: 1140688

Ion Ratio Lower Upper

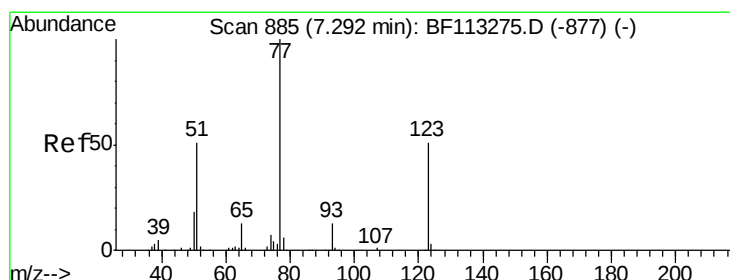
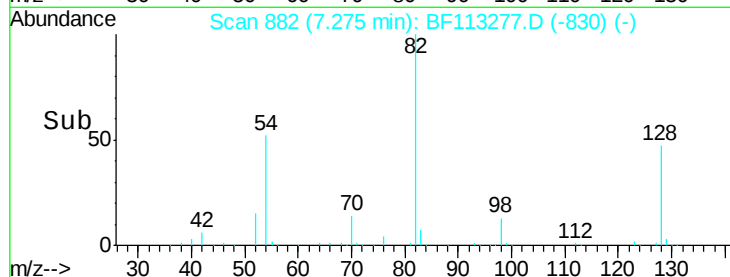
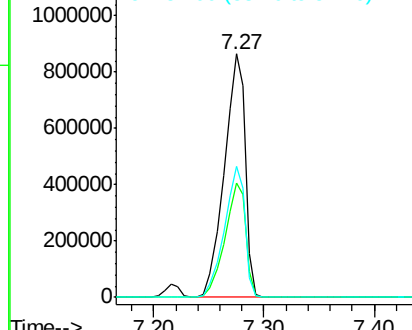
82 100

128 46.8 36.5 54.7

54 53.5 42.2 63.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 55.164 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.00 min

Lab File: BF113277.D

Acq: 25 Mar 2019 13:32

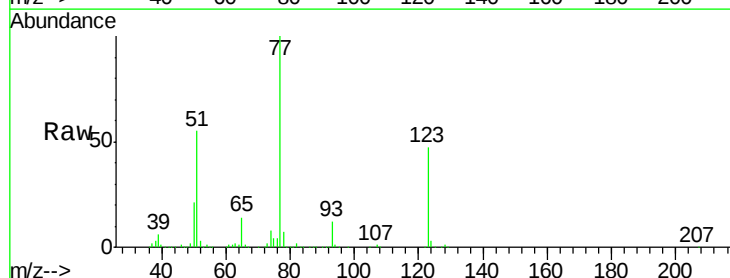
Tgt Ion: 77 Resp: 599555

Ion Ratio Lower Upper

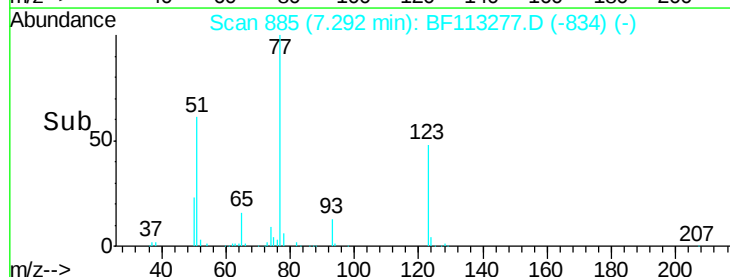
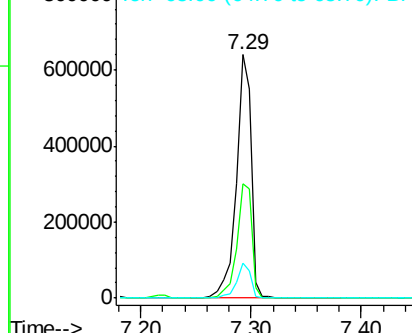
77 100

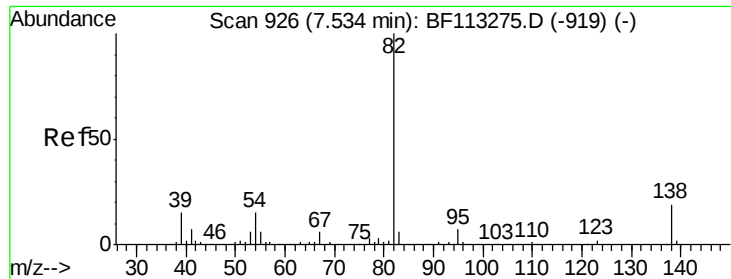
123 46.8 40.8 61.2

65 14.1 10.6 16.0



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1

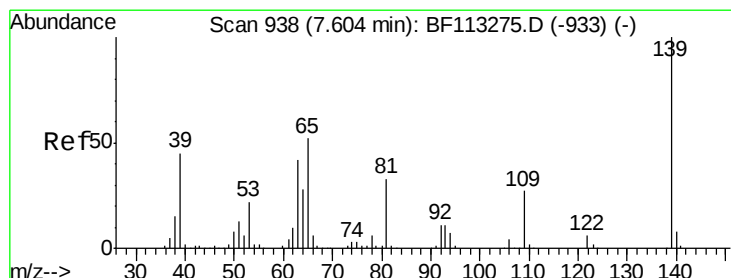
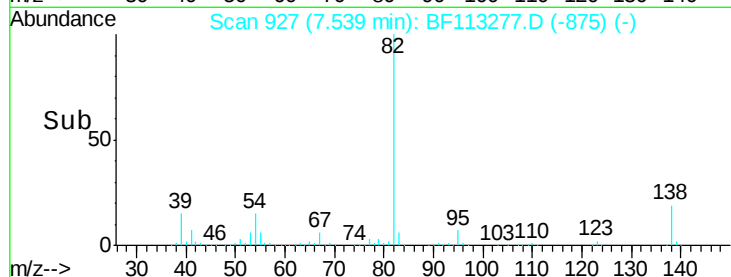
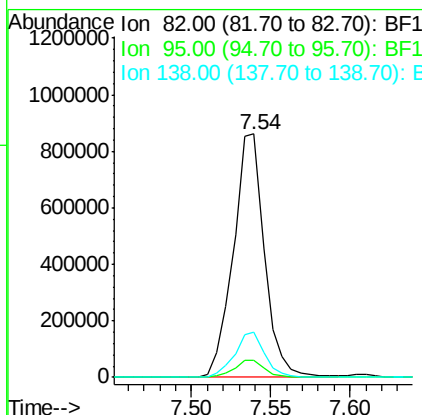
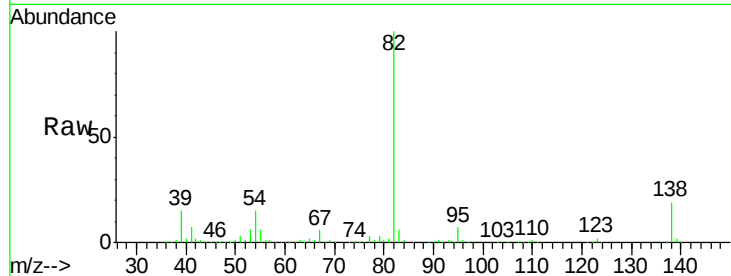




#25
Isophorone
Concen: 55.924 ng
RT: 7.54 min Scan# 927
Delta R.T. 0.01 min
Lab File: BF113277.D
Acq: 25 Mar 2019 13:32

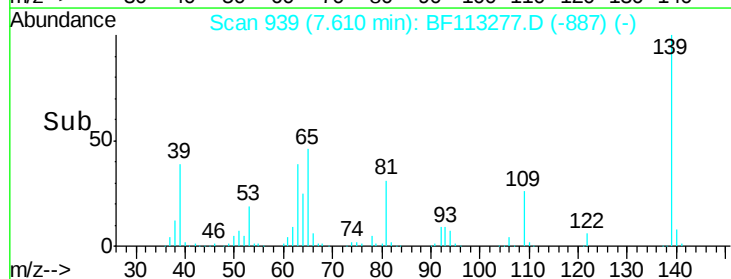
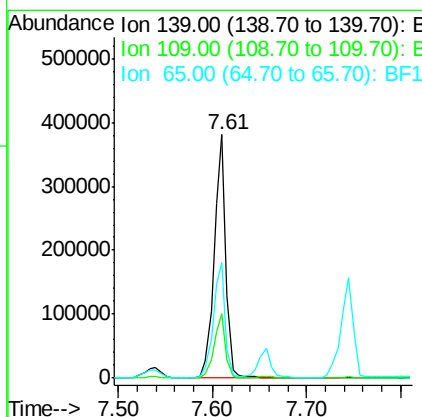
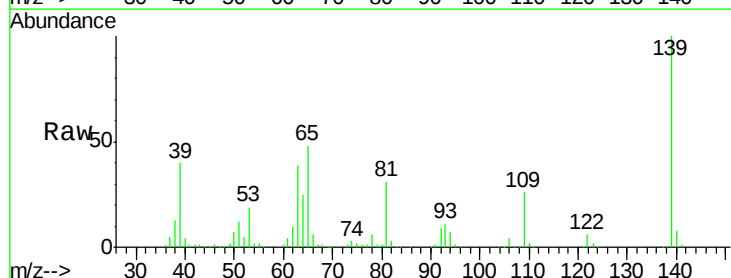
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

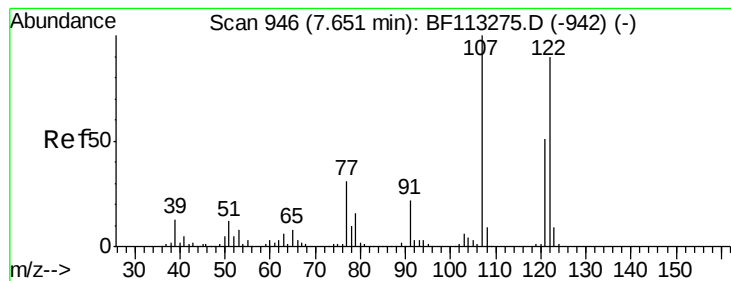
Tot Ion: 82 Resp: 1176499
Ion Ratio Lower Upper
82 100
95 7.1 5.5 8.3
138 18.7 15.2 22.8



#26
2-Nitrophenol
Concen: 74.070 ng
RT: 7.61 min Scan# 939
Delta R.T. 0.01 min
Lab File: BF113277.D
Acq: 25 Mar 2019 13:32

Tgt Ion: 139 Resp: 335116
Ion Ratio Lower Upper
139 100
109 26.4 21.7 32.5
65 47.5 41.6 62.4

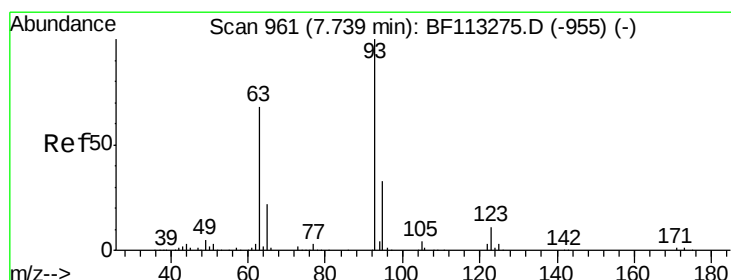
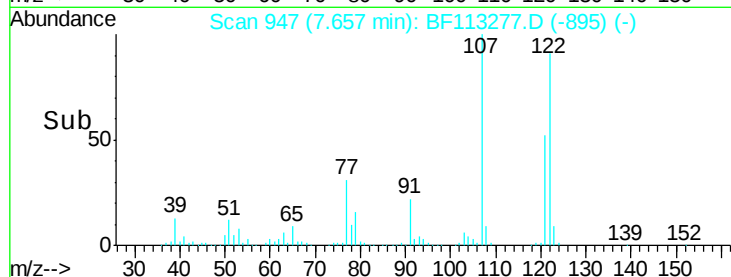
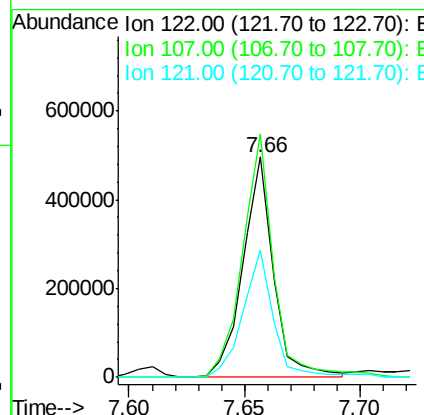
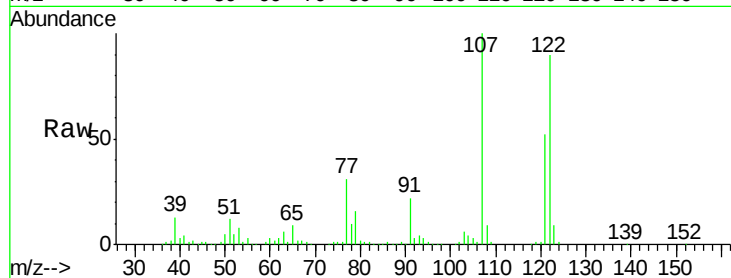




#27
 2,4-Dimethylphenol
 Concen: 54.607 ng
 RT: 7.66 min Scan# 947
 Delta R.T. 0.01 min
 Lab File: BF113277.D
 Acq: 25 Mar 2019 13:32

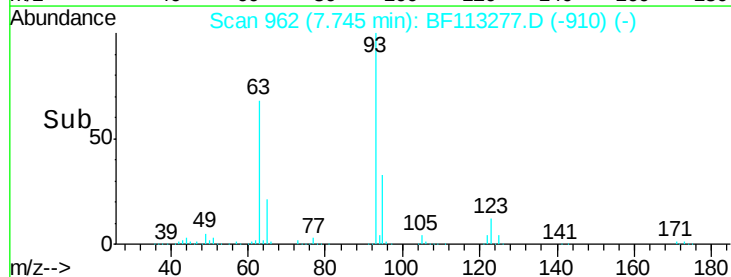
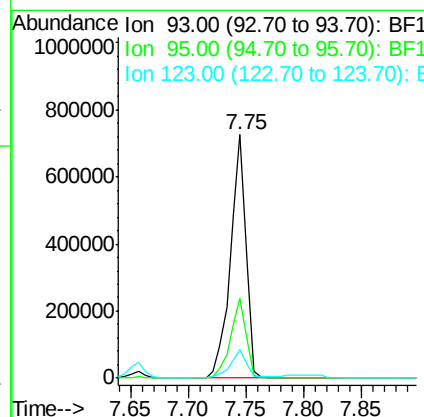
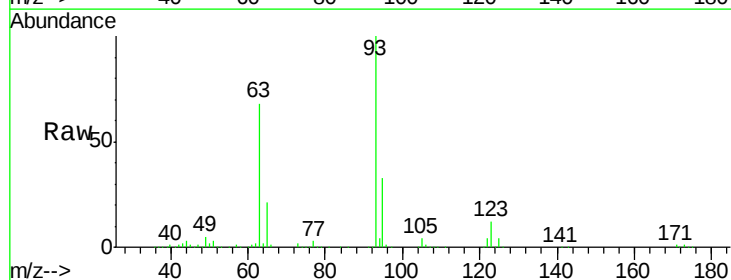
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

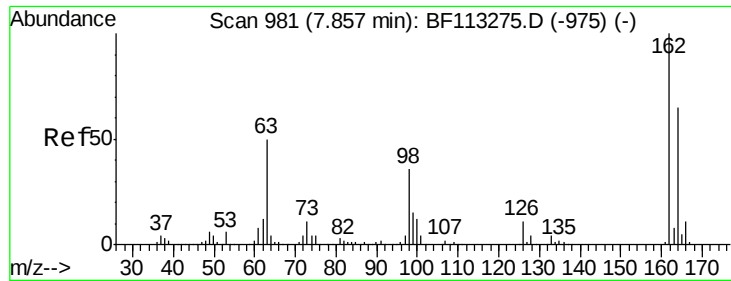
Tot Ion:122 Resp: 459628
 Ion Ratio Lower Upper
 122 100
 107 110.6 88.8 133.2
 121 57.8 45.5 68.3



#28
 bis(2-Chloroethoxy)methane
 Concen: 51.022 ng
 RT: 7.75 min Scan# 962
 Delta R.T. 0.01 min
 Lab File: BF113277.D
 Acq: 25 Mar 2019 13:32

Tgt Ion: 93 Resp: 671079
 Ion Ratio Lower Upper
 93 100
 95 33.0 26.0 39.0
 123 11.7 9.1 13.7

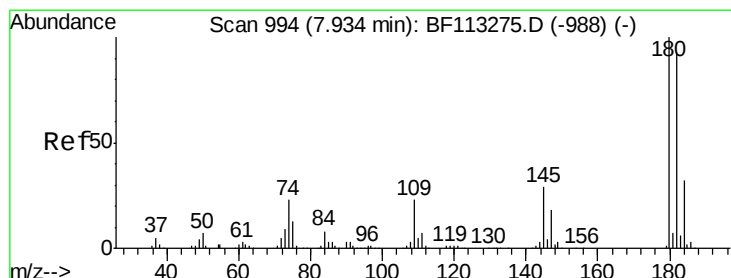
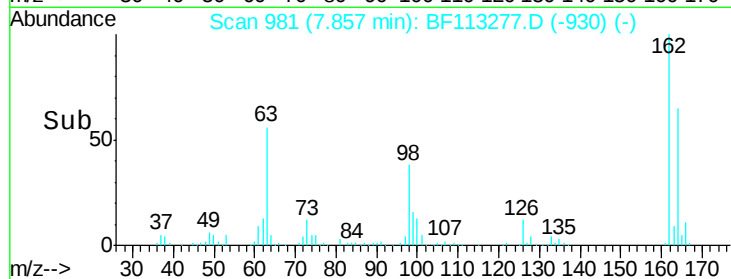
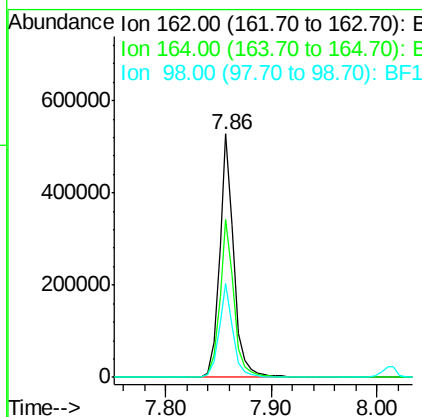
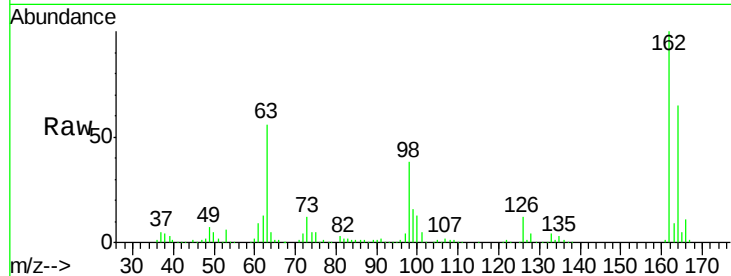




#29
 2,4-Dichlorophenol
 Concen: 61.185 ng
 RT: 7.86 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: BF113277.D
 Acq: 25 Mar 2019 13:32

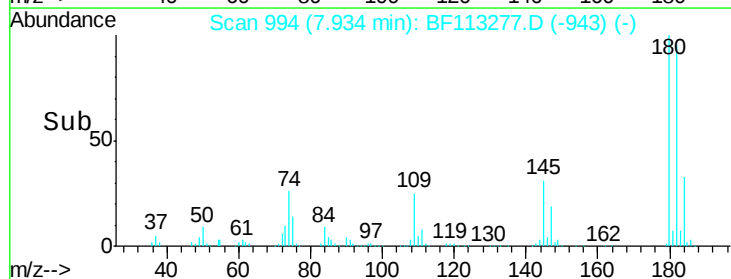
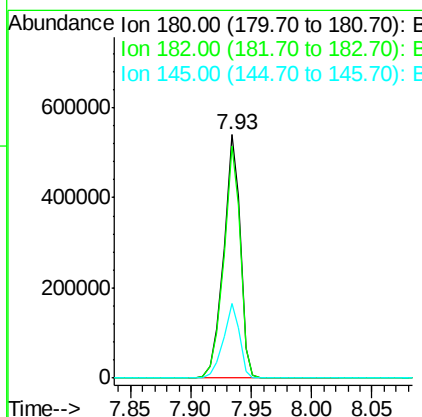
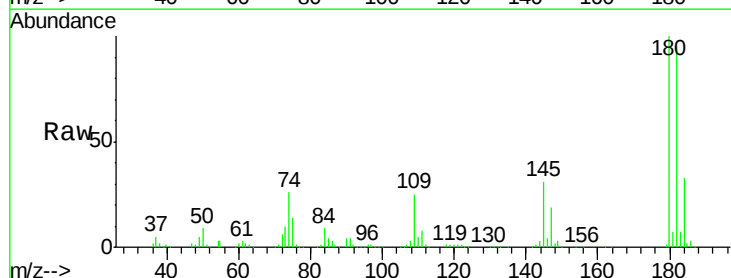
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

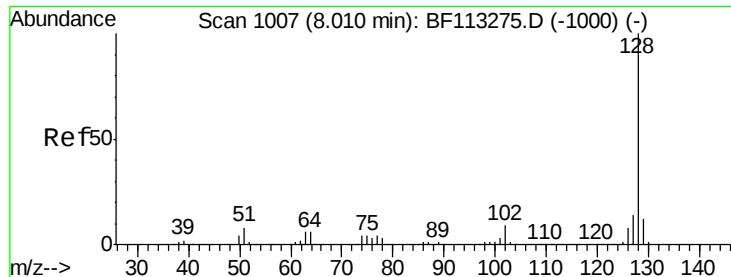
Tot Ion:162 Resp: 499420
 Ion Ratio Lower Upper
 162 100
 164 64.7 44.6 84.6
 98 38.3 15.6 55.6



#30
 1,2,4-Trichlorobenzene
 Concen: 58.428 ng
 RT: 7.93 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: BF113277.D
 Acq: 25 Mar 2019 13:32

Tgt Ion:180 Resp: 512439
 Ion Ratio Lower Upper
 180 100
 182 95.1 74.6 111.8
 145 30.6 23.4 35.0





#31

Naphthalene

Concen: 57.101 ng

RT: 8.02 min Scan# 1008

Delta R.T. 0.01 min

Lab File: BF113277.D

Acq: 25 Mar 2019 13:32

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

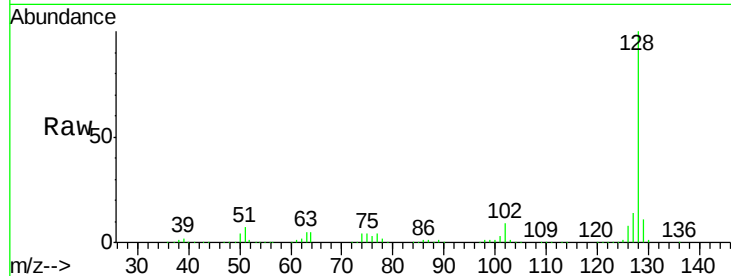
Tot Ion:128 Resp: 1656497

Ion Ratio Lower Upper

128 100

129 11.2 9.3 13.9

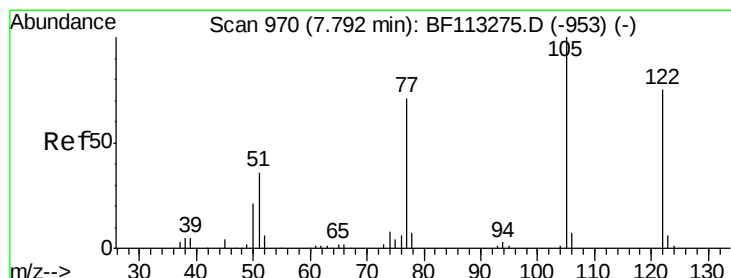
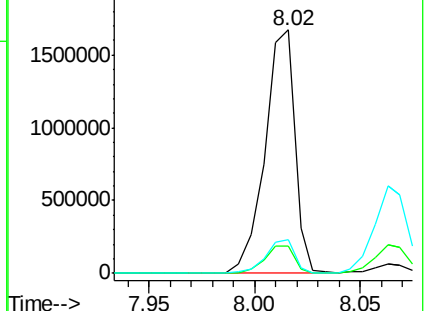
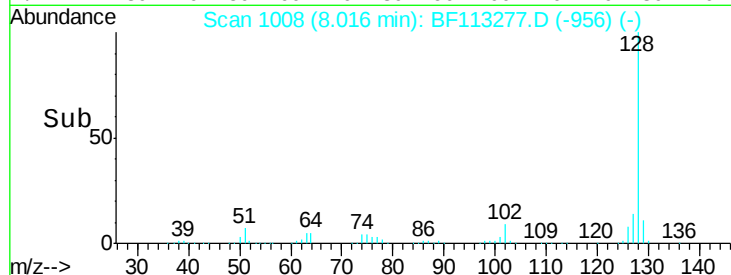
127 13.8 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 62.600 ng

RT: 7.82 min Scan# 974

Delta R.T. 0.02 min

Lab File: BF113277.D

Acq: 25 Mar 2019 13:32

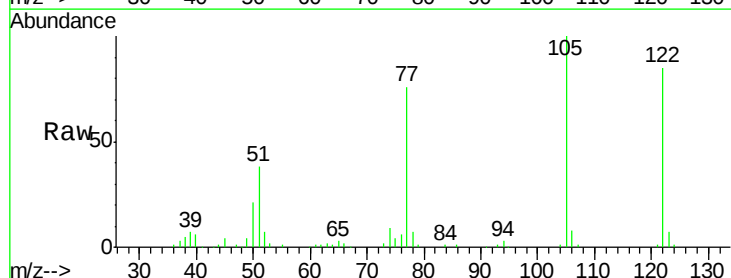
Tgt Ion:122 Resp: 369303

Ion Ratio Lower Upper

122 100

105 118.0 100.4 140.4

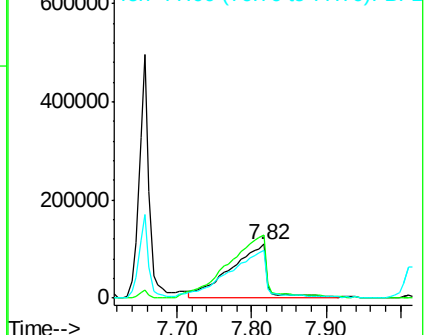
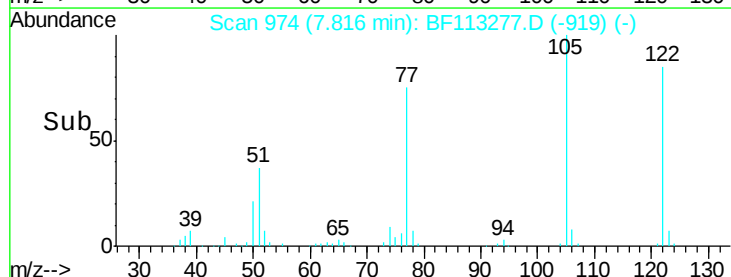
77 89.3 69.0 109.0

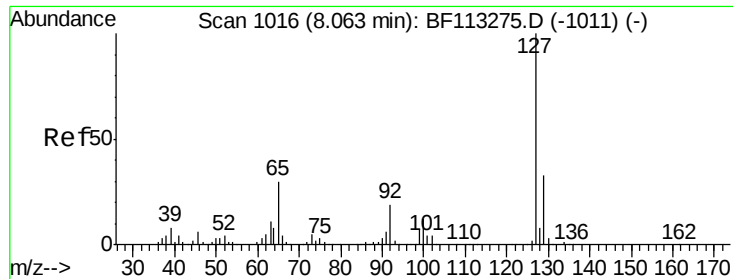


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

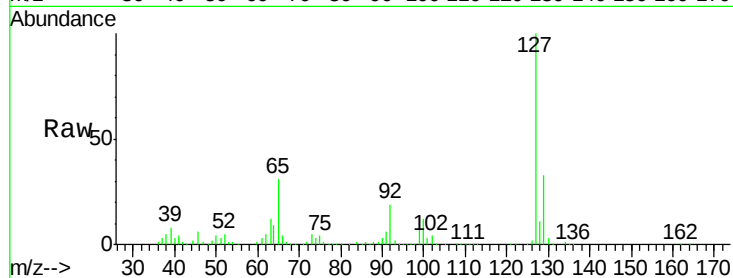




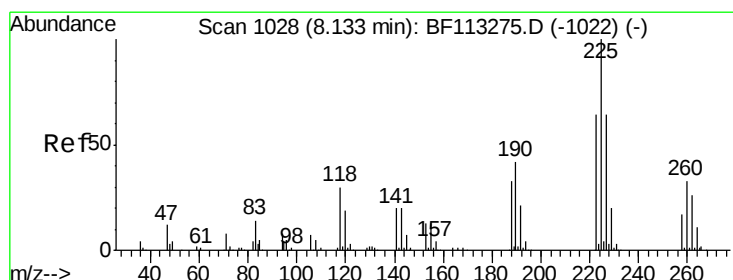
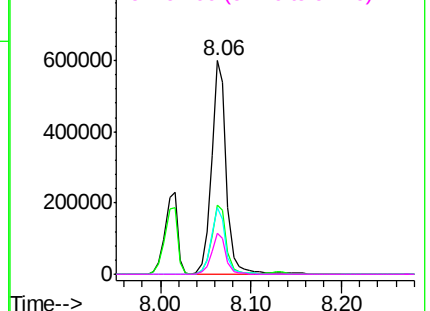
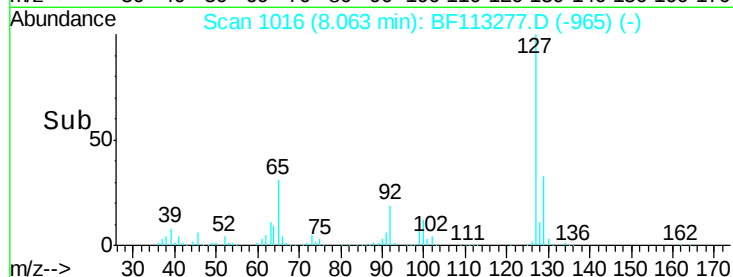
#33
4-Chloroaniline
Concen: 55.768 ng
RT: 8.06 min Scan# 1016
Delta R.T. 0.00 min
Lab File: BF113277.D
Acq: 25 Mar 2019 13:32

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion:	127	Resp:	685232
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.3	39.5
65	31.1	24.2	36.4
92	19.3	15.0	22.6

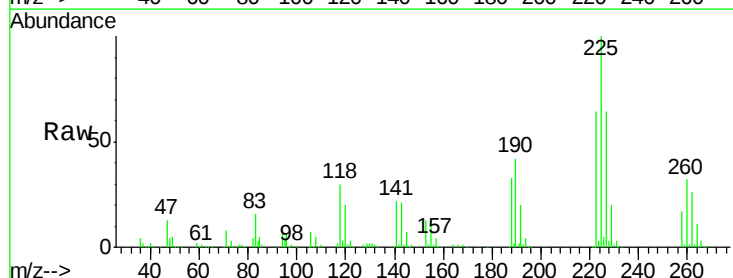


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

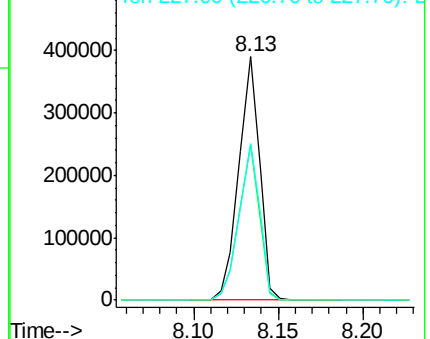
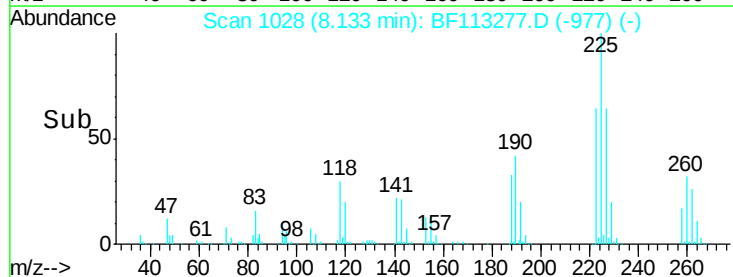


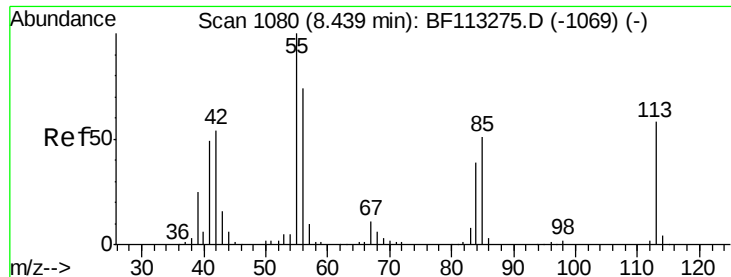
#34
Hexachlorobutadiene
Concen: 67.609 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF113277.D
Acq: 25 Mar 2019 13:32

Tgt Ion:	225	Resp:	334412
Ion	Ratio	Lower	Upper
225	100		
223	63.8	51.4	77.2
227	64.2	51.1	76.7



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 61.066 ng

RT: 8.45 min Scan# 1082

Delta R.T. 0.01 min

Lab File: BF113277.D

Acq: 25 Mar 2019 13:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

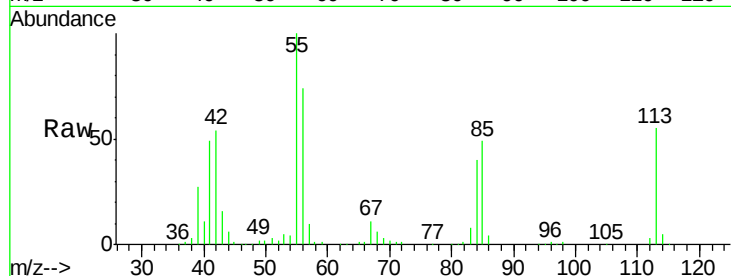
Tot Ion:113 Resp: 175556

Ion Ratio Lower Upper

113 100

55 180.2 152.7 192.7

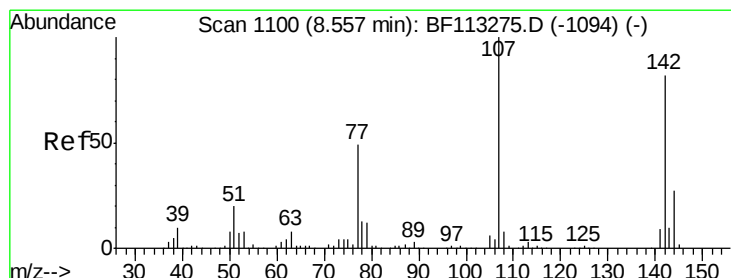
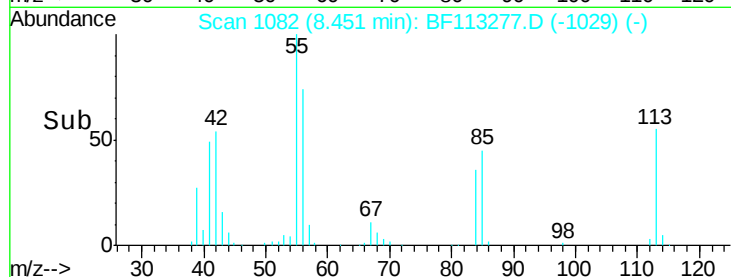
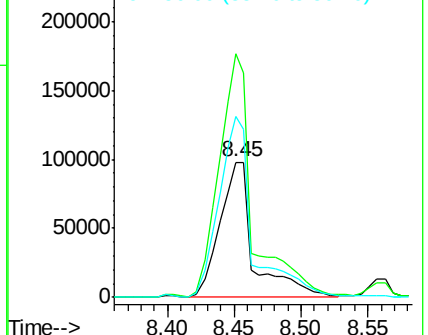
56 133.6 108.3 148.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 60.050 ng

RT: 8.56 min Scan# 1101

Delta R.T. 0.01 min

Lab File: BF113277.D

Acq: 25 Mar 2019 13:32

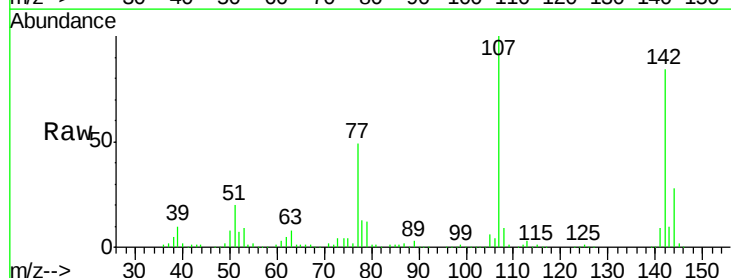
Tgt Ion:107 Resp: 542447

Ion Ratio Lower Upper

107 100

144 27.6 21.4 32.0

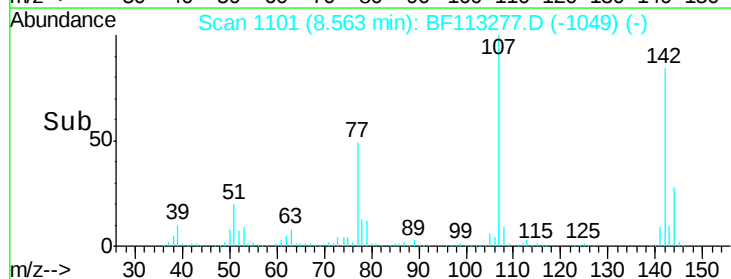
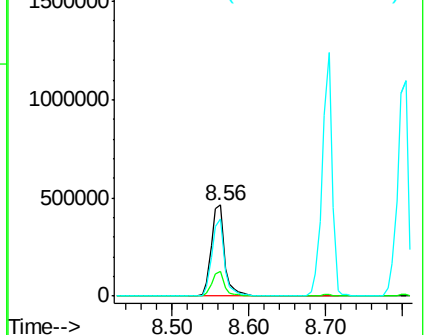
142 84.2 65.6 98.4

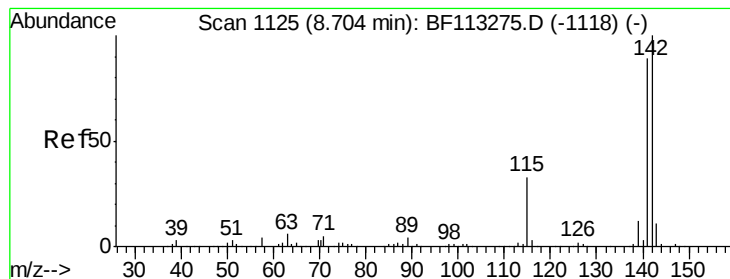


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 59.820 ng

RT: 8.70 min Scan# 1125

Delta R.T. 0.00 min

Lab File: BF113277.D

Acq: 25 Mar 2019 13:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

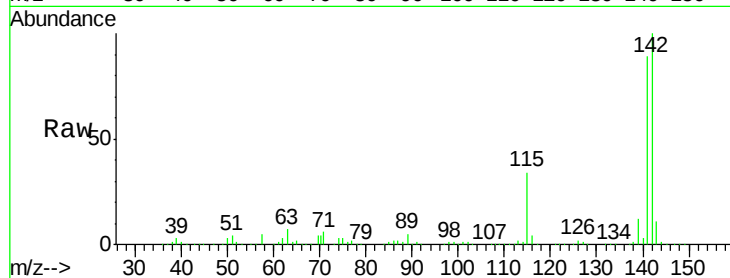
Tot Ion:142 Resp: 1120693

Ion Ratio Lower Upper

142 100

141 88.8 71.0 106.6

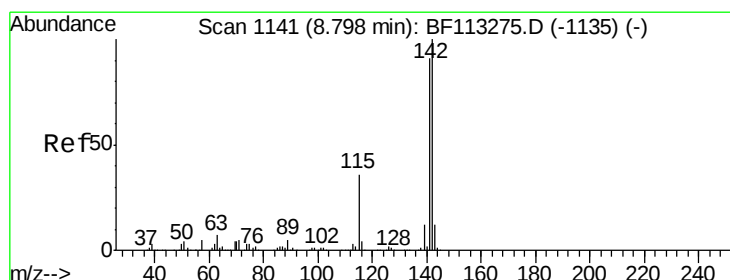
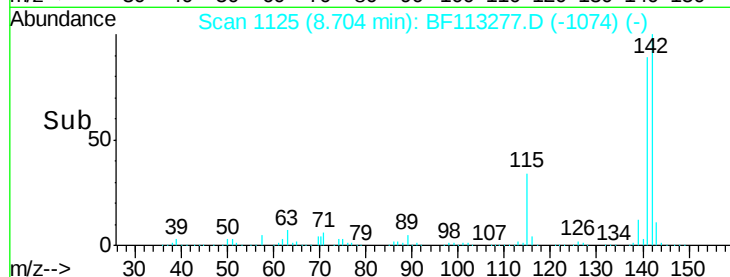
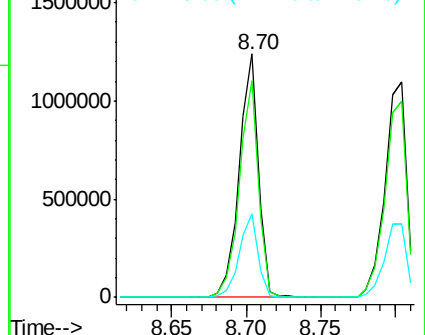
115 34.4 26.6 39.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 59.873 ng

RT: 8.80 min Scan# 1142

Delta R.T. 0.01 min

Lab File: BF113277.D

Acq: 25 Mar 2019 13:32

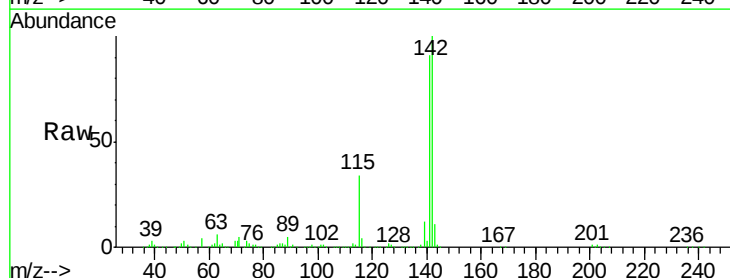
Tgt Ion:142 Resp: 1086560

Ion Ratio Lower Upper

142 100

141 91.0 73.2 109.8

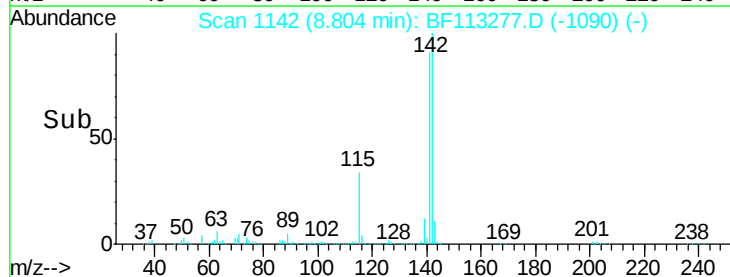
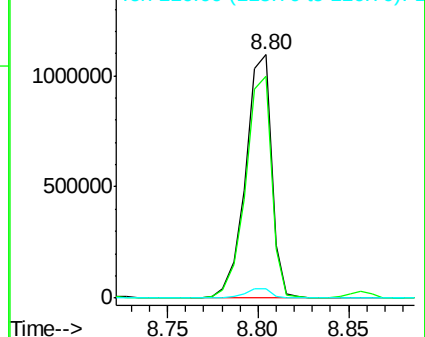
116 3.6 3.0 4.4

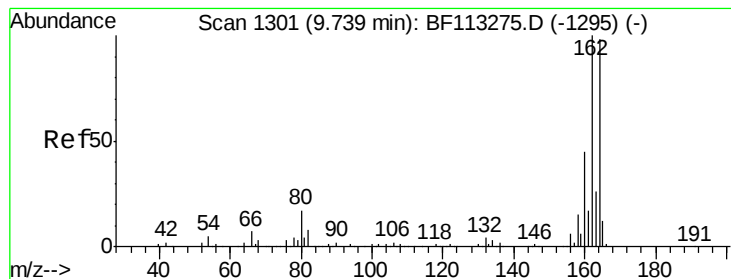


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.74 min Scan# 1301

Delta R.T. 0.00 min

Lab File: BF113277.D

Acq: 25 Mar 2019 13:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

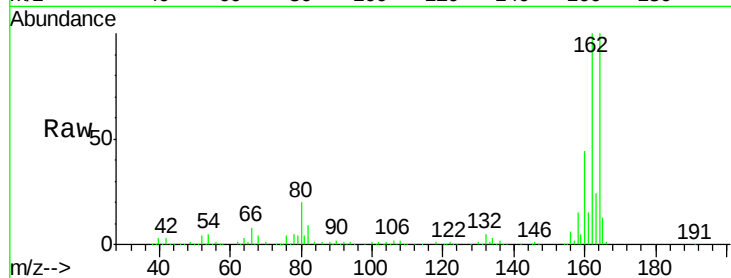
Tot Ion:164 Resp: 293618

Ion Ratio Lower Upper

164 100

162 99.9 81.8 122.6

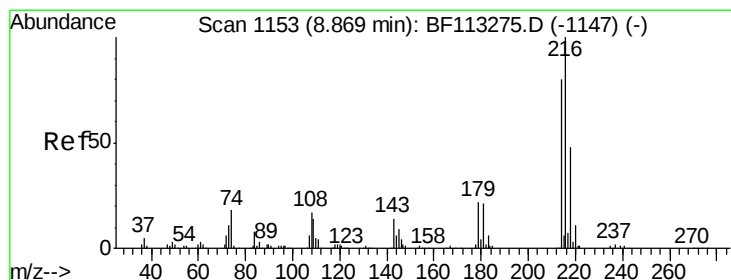
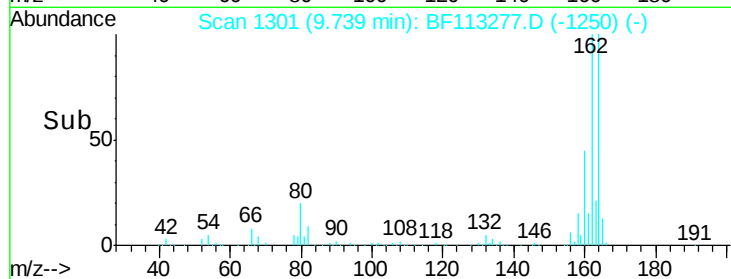
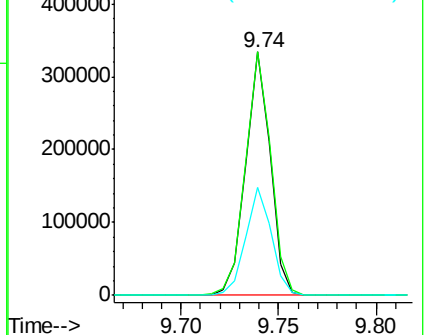
160 44.5 36.4 54.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 64.061 ng

RT: 8.87 min Scan# 1154

Delta R.T. 0.01 min

Lab File: BF113277.D

Acq: 25 Mar 2019 13:32

Tgt Ion:216 Resp: 548507

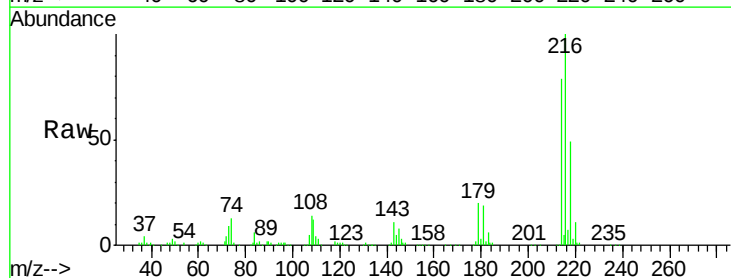
Ion Ratio Lower Upper

216 100

214 79.0 63.0 94.6

179 20.6 16.8 25.2

108 17.6 13.8 20.6

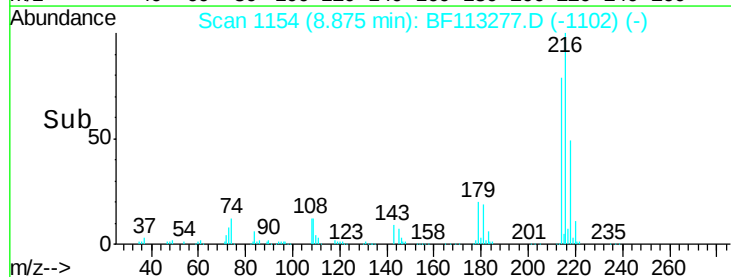
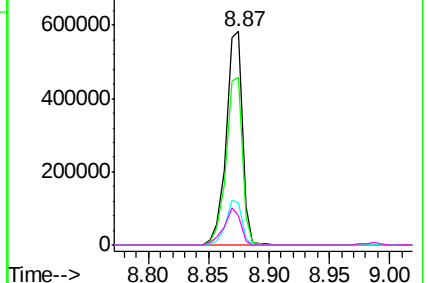


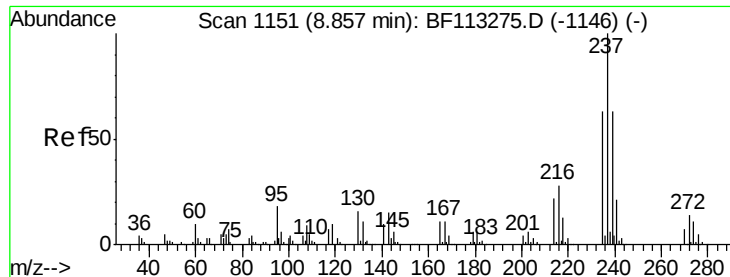
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 53.773 ng

RT: 8.86 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BF113277.D

Acq: 25 Mar 2019 13:32

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

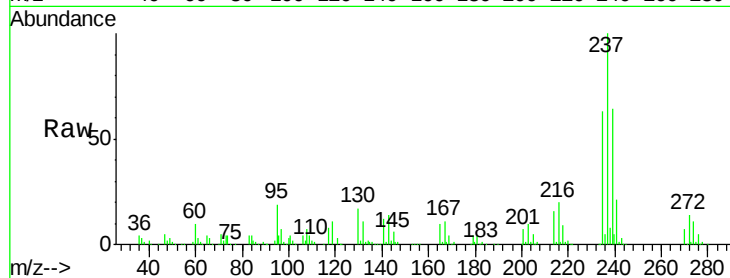
Tot Ion:237 Resp: 252125

Ion Ratio Lower Upper

237 100

235 63.3 43.4 83.4

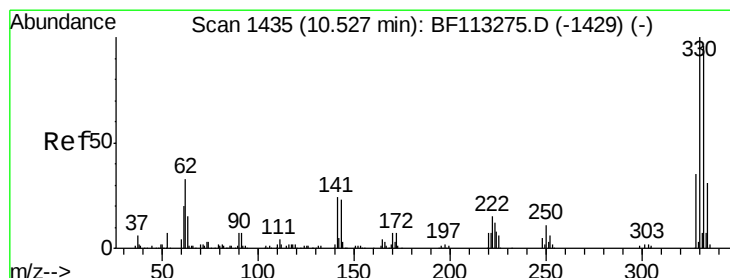
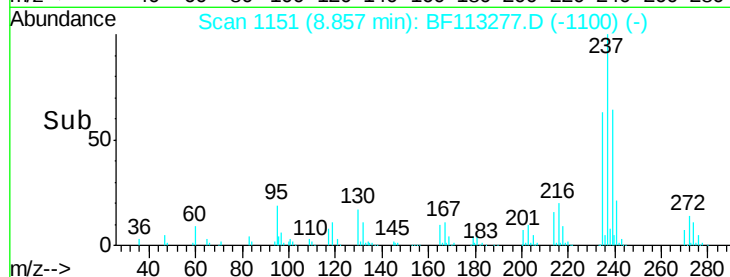
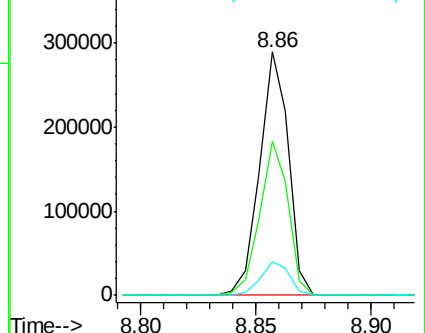
272 13.9 0.0 33.7



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 129.739 ng

RT: 10.53 min Scan# 1435

Delta R.T. 0.00 min

Lab File: BF113277.D

Acq: 25 Mar 2019 13:32

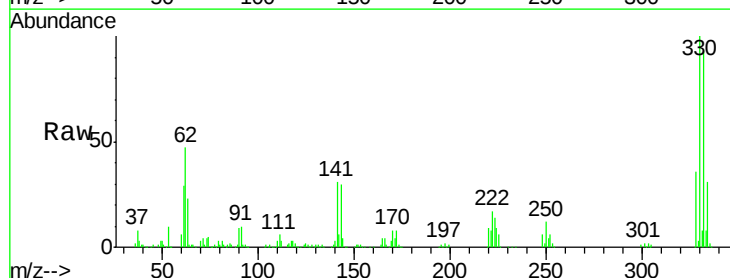
Tgt Ion:330 Resp: 404411

Ion Ratio Lower Upper

330 100

332 95.1 77.8 116.6

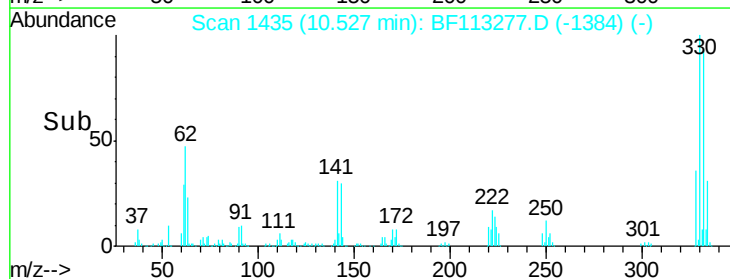
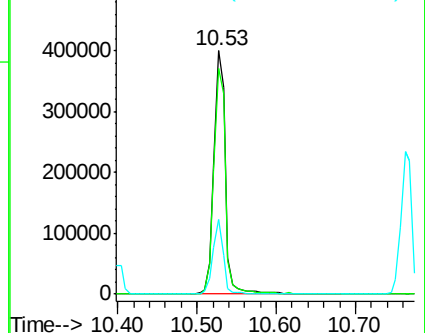
141 27.8 22.7 34.1

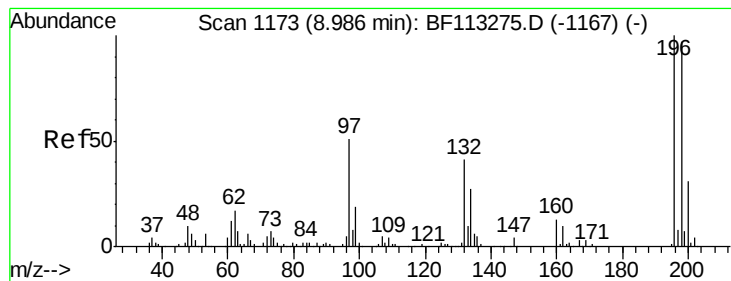


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#43

2,4,6-Trichlorophenol

Concen: 61.406 ng

RT: 8.99 min Scan# 1173

Delta R.T. 0.00 min

Lab File: BF113277.D

Acq: 25 Mar 2019 13:32

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

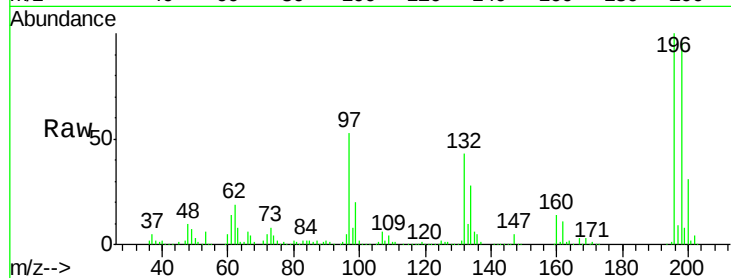
Tot Ion:196 Resp: 361853

Ion Ratio Lower Upper

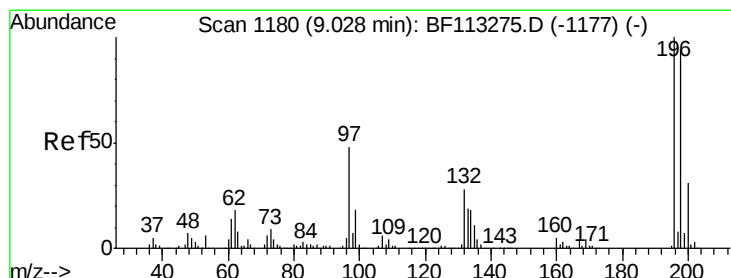
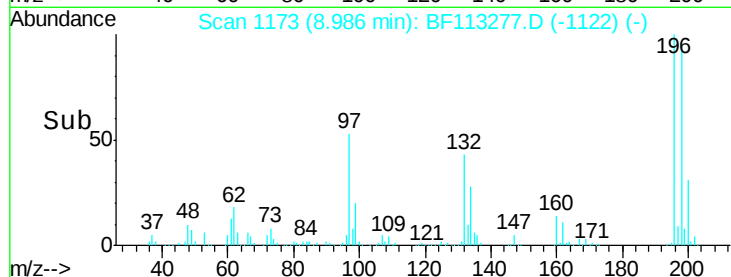
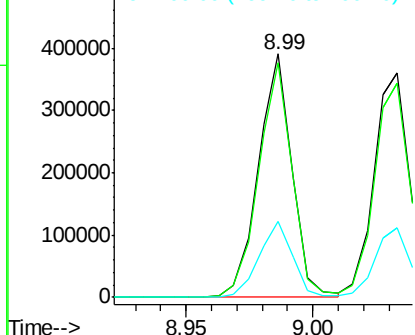
196 100

198 96.2 77.7 116.5

200 31.0 24.9 37.3



Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 61.313 ng

RT: 9.03 min Scan# 1181

Delta R.T. 0.01 min

Lab File: BF113277.D

Acq: 25 Mar 2019 13:32

Tgt Ion:196 Resp: 390523

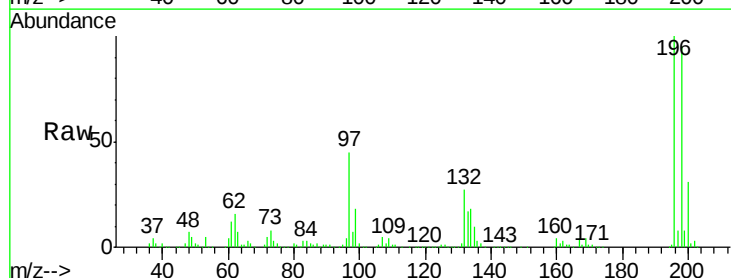
Ion Ratio Lower Upper

196 100

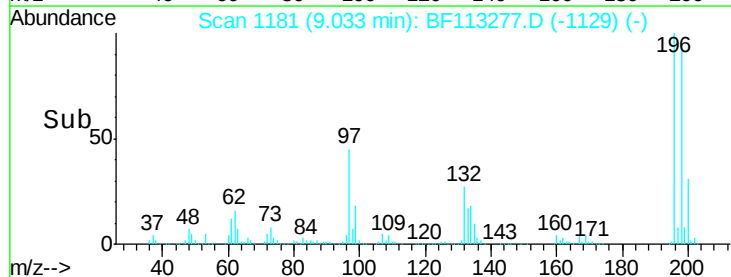
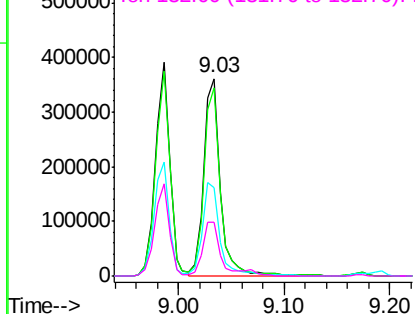
198 95.3 75.4 113.2

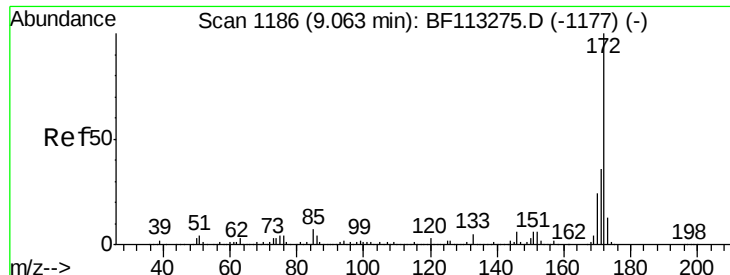
97 44.7 38.6 58.0

132 27.1 22.9 34.3



Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF1
Ion 132.00 (131.70 to 132.70): E

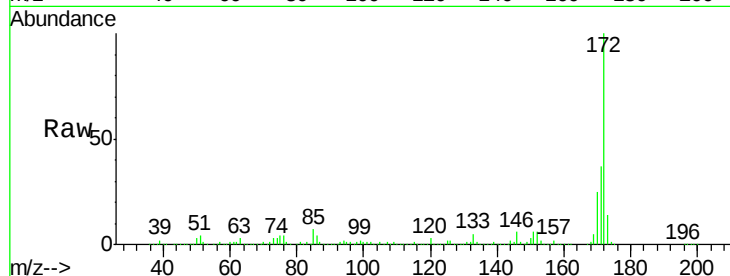




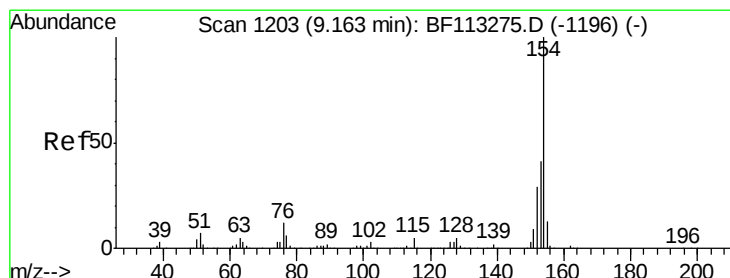
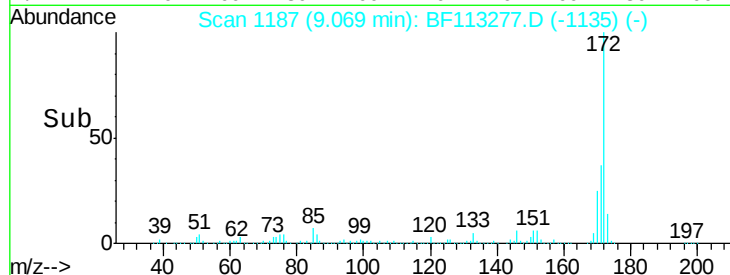
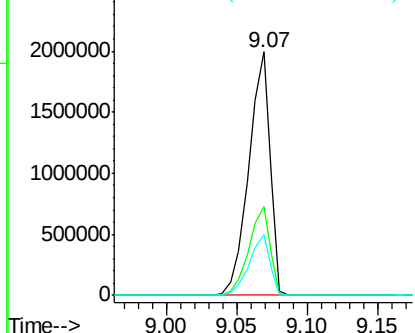
#45
2-Fluorobiphenyl
Concen: 146.738 ng
RT: 9.07 min Scan# 1187
Delta R.T. 0.01 min
Lab File: BF113277.D
Acq: 25 Mar 2019 13:32

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion:172 Resp: 2116944
Ion Ratio Lower Upper
172 100
171 36.5 29.0 43.6
170 25.1 19.5 29.3

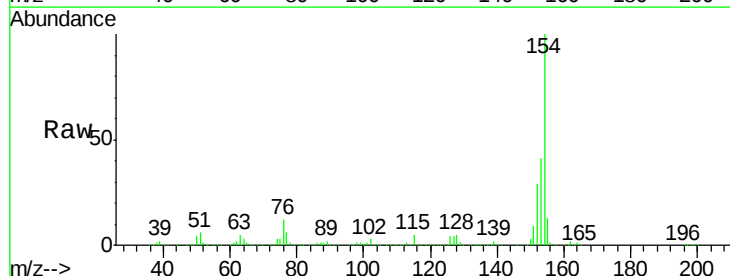


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

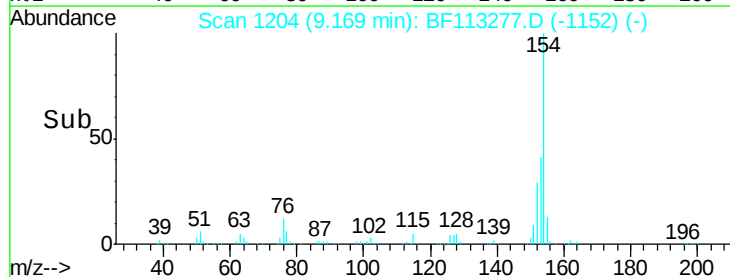
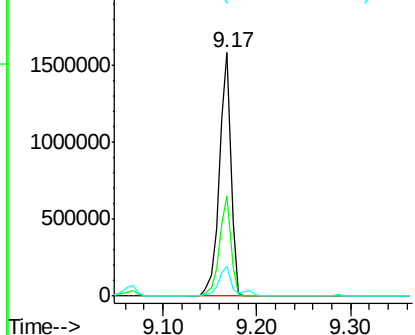


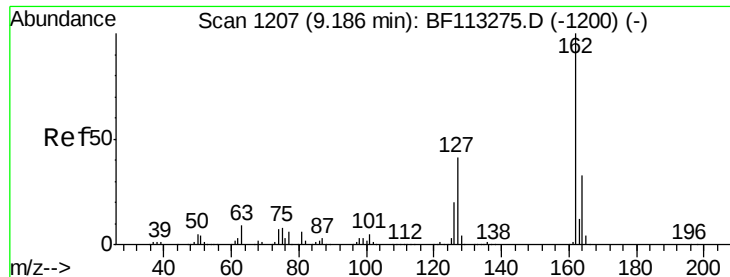
#46
1,1'-Biphenyl
Concen: 57.105 ng
RT: 9.17 min Scan# 1204
Delta R.T. 0.01 min
Lab File: BF113277.D
Acq: 25 Mar 2019 13:32

Tgt Ion:154 Resp: 1367608
Ion Ratio Lower Upper
154 100
153 41.1 20.8 60.8
76 12.4 0.0 31.9



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

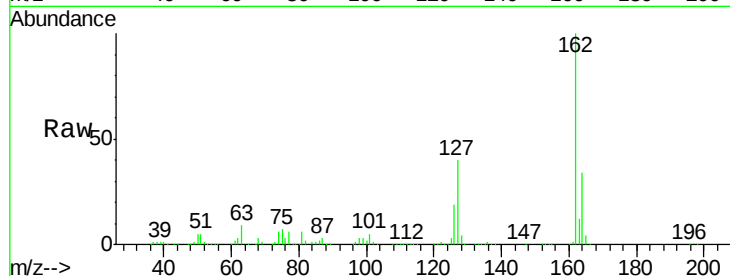




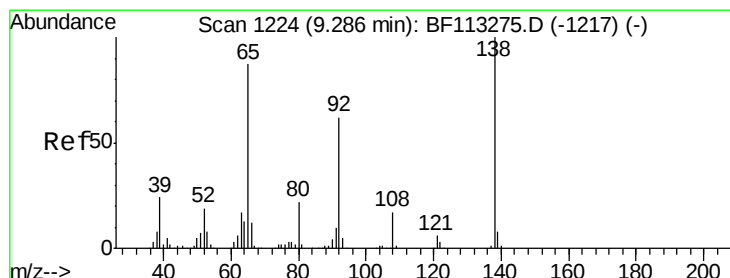
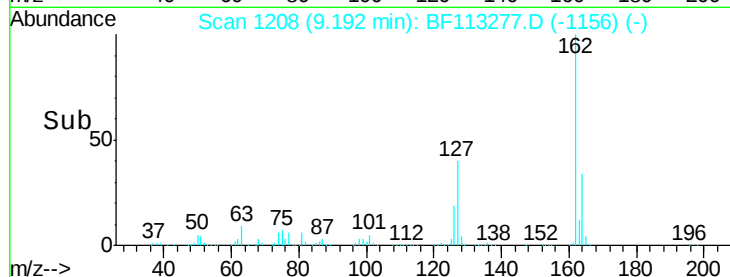
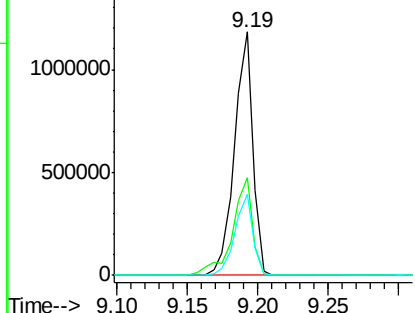
#47
2-Chloronaphthalene
Concen: 57.219 ng
RT: 9.19 min Scan# 1208
Delta R.T. 0.01 min
Lab File: BF113277.D
Acq: 25 Mar 2019 13:32

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion:162 Resp: 1070014
Ion Ratio Lower Upper
162 100
127 40.2 32.6 49.0
164 33.5 26.6 39.8

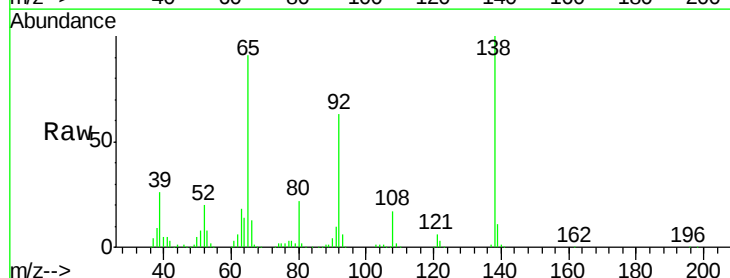


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

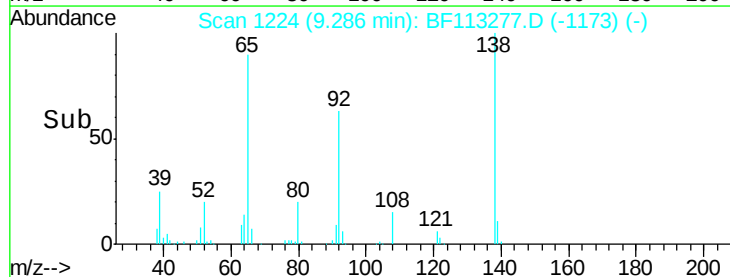
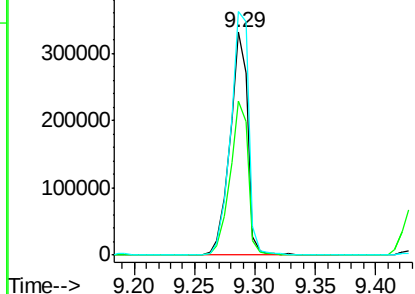


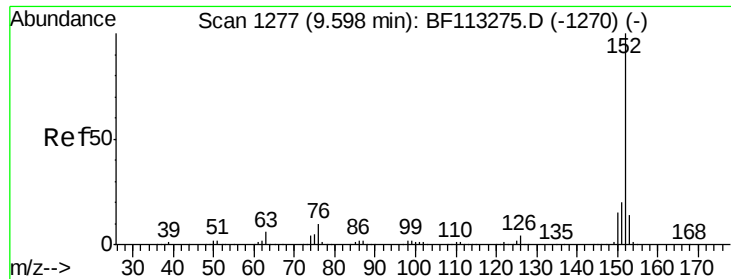
#48
2-Nitroaniline
Concen: 59.530 ng
RT: 9.29 min Scan# 1224
Delta R.T. 0.00 min
Lab File: BF113277.D
Acq: 25 Mar 2019 13:32

Tgt Ion: 65 Resp: 338372
Ion Ratio Lower Upper
65 100
92 69.2 56.8 85.2
138 109.4 92.3 138.5



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 54.813 ng

RT: 9.60 min Scan# 1278

Delta R.T. 0.01 min

Lab File: BF113277.D

Acq: 25 Mar 2019 13:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

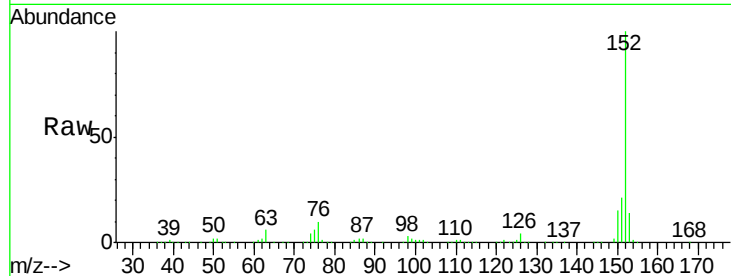
Tot Ion:152 Resp: 1740134

Ion Ratio Lower Upper

152 100

151 21.5 16.2 24.4

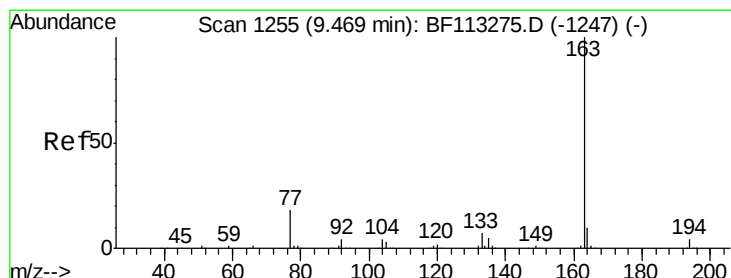
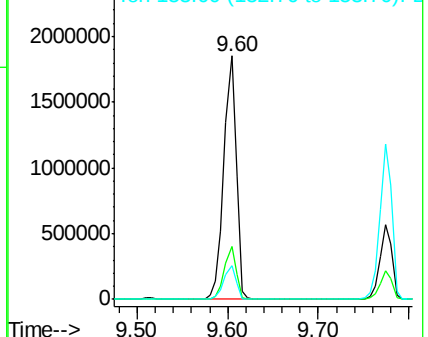
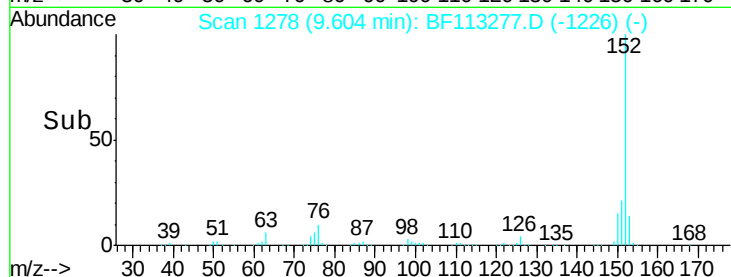
153 13.9 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 58.168 ng

RT: 9.47 min Scan# 1256

Delta R.T. 0.01 min

Lab File: BF113277.D

Acq: 25 Mar 2019 13:32

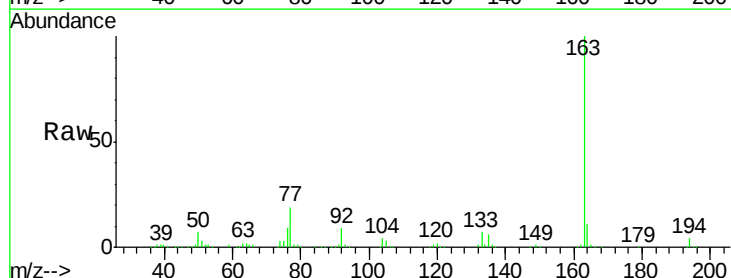
Tgt Ion:163 Resp: 1259327

Ion Ratio Lower Upper

163 100

194 4.0 3.0 4.6

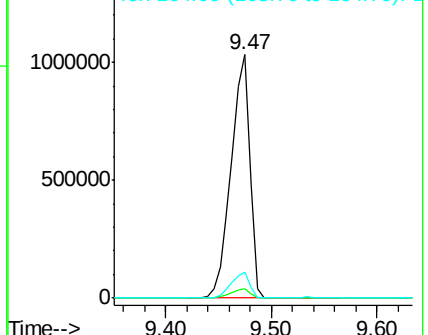
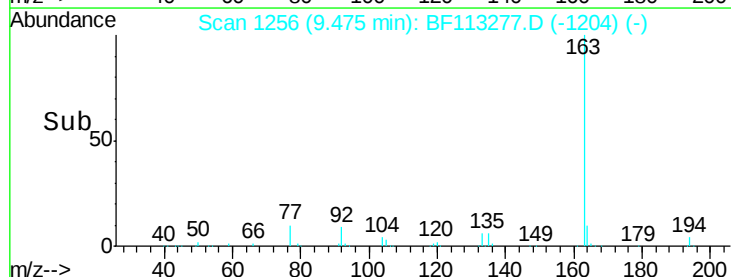
164 10.5 8.1 12.1

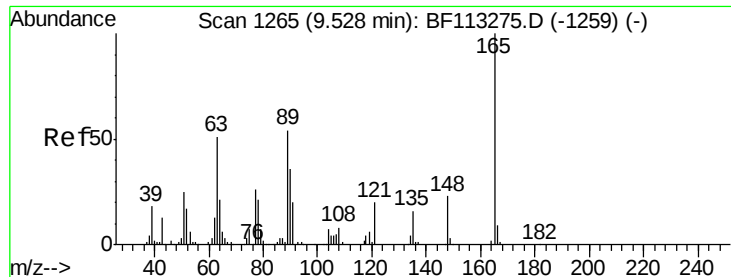


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

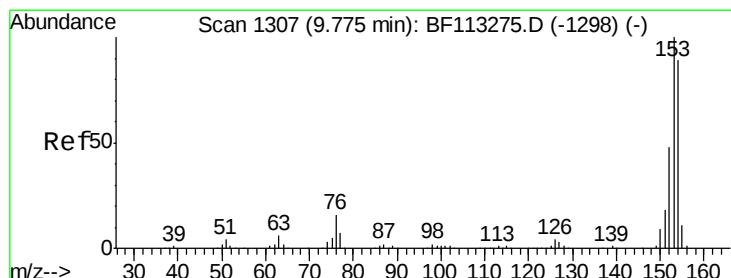
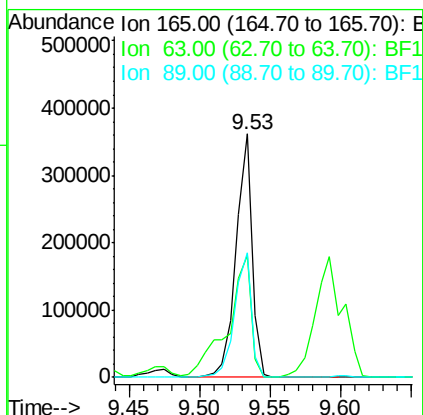
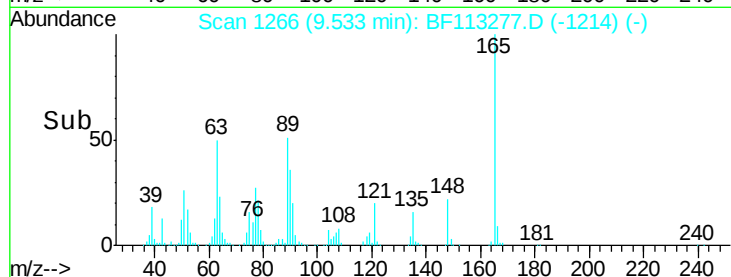
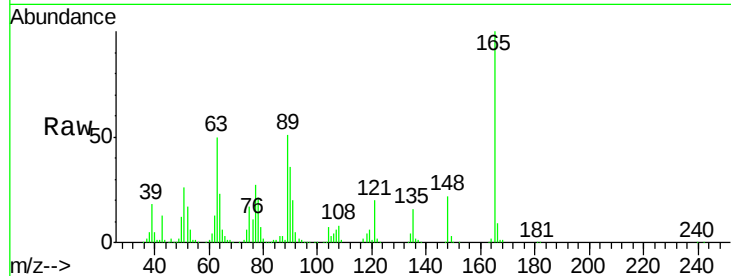




#51
2,6-Dinitrotoluene
Concen: 64.090 ng
RT: 9.53 min Scan# 1266
Delta R.T. 0.01 min
Lab File: BF113277.D
Acq: 25 Mar 2019 13:32

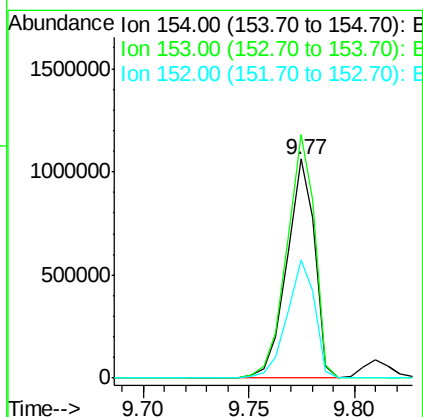
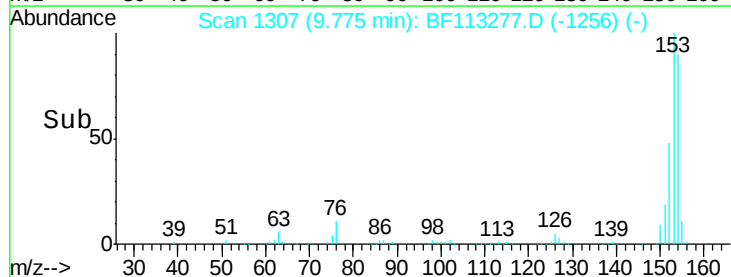
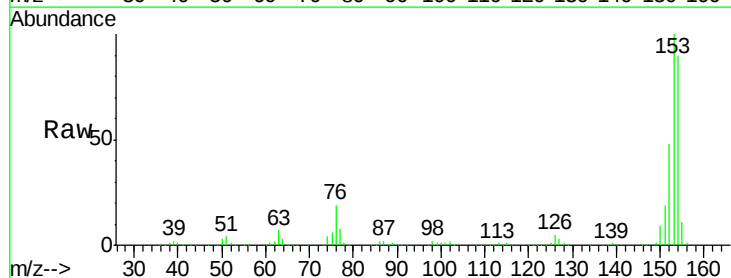
Instrument :
BNA_F
ClientSampleId :
SSTDIC060

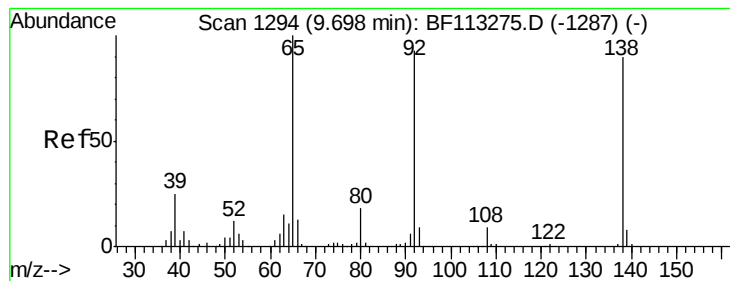
Tot Ion:165 Resp: 288943
Ion Ratio Lower Upper
165 100
63 50.2 43.4 65.0
89 51.4 43.1 64.7



#52
Acenaphthene
Concen: 52.629 ng
RT: 9.77 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BF113277.D
Acq: 25 Mar 2019 13:32

Tgt Ion:154 Resp: 977072
Ion Ratio Lower Upper
154 100
153 111.2 89.5 134.3
152 53.8 43.3 64.9





#53

3-Nitroaniline

Concen: 59.931 ng

RT: 9.70 min Scan# 1295

Delta R.T. 0.01 min

Lab File: BF113277.D

Acq: 25 Mar 2019 13:32

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

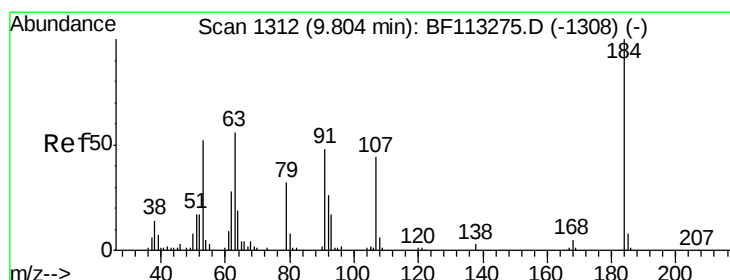
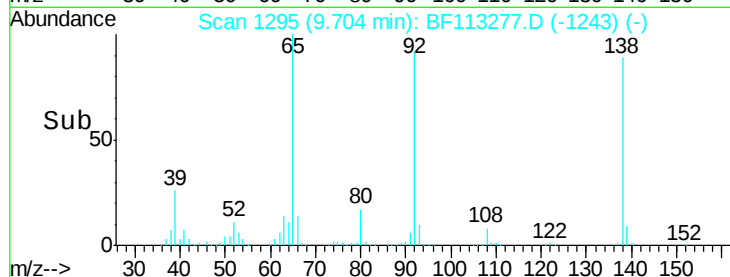
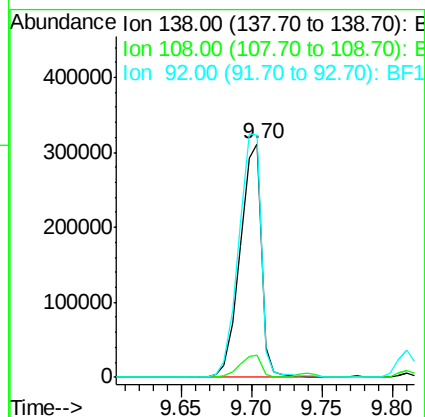
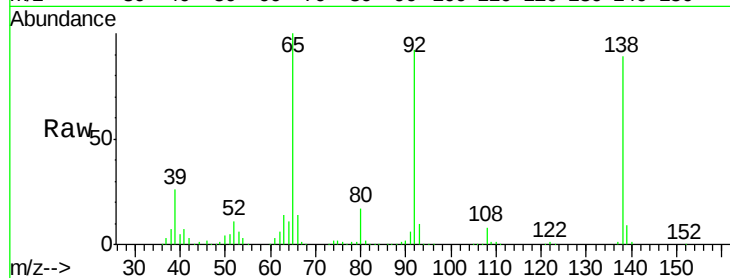
Tot Ion:138 Resp: 329233

Ion Ratio Lower Upper

138 100

108 9.3 7.8 11.6

92 104.0 82.6 124.0



#54

2,4-Dinitrophenol

Concen: 79.979 ng

RT: 9.81 min Scan# 1313

Delta R.T. 0.01 min

Lab File: BF113277.D

Acq: 25 Mar 2019 13:32

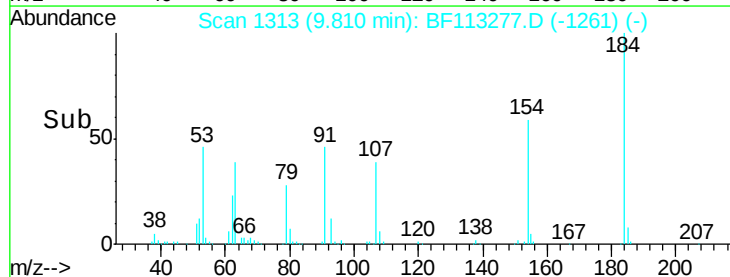
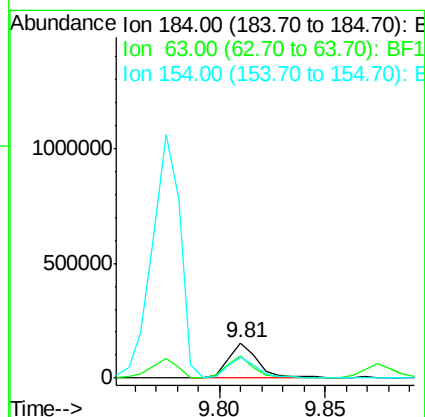
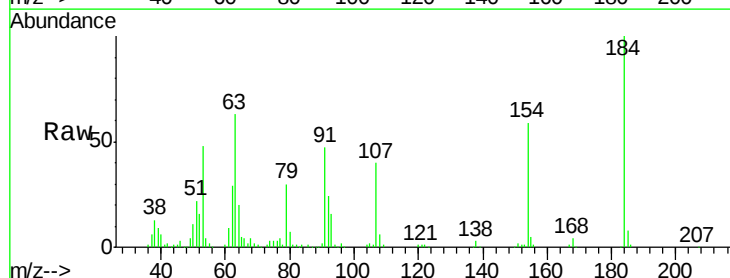
Tgt Ion:184 Resp: 147489

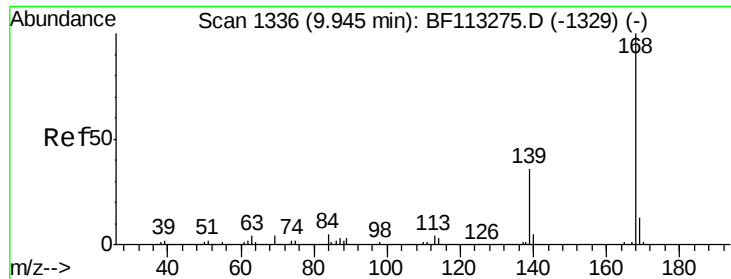
Ion Ratio Lower Upper

184 100

63 63.3 54.3 81.5

154 59.1 48.4 72.6

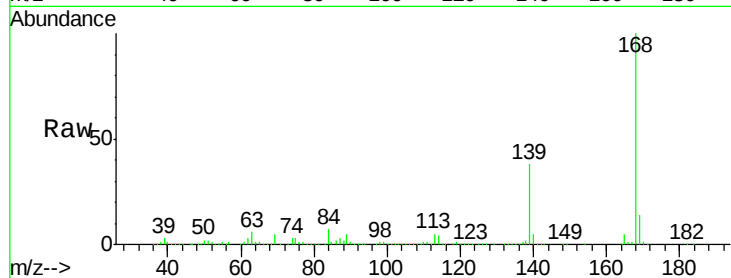




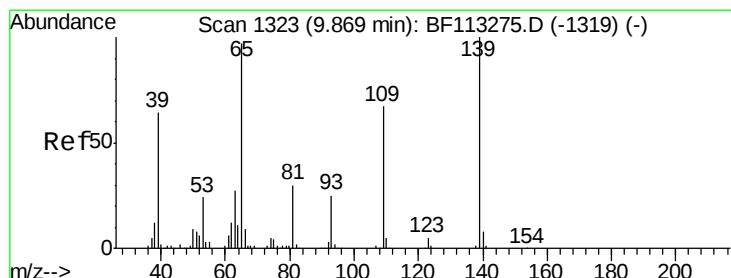
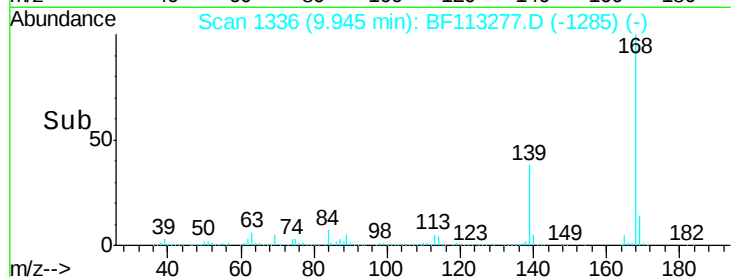
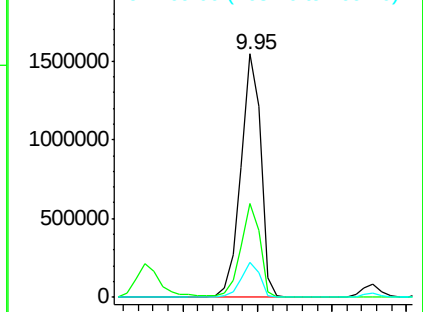
#55
Dibenzenofuran
Concen: 53.359 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BF113277.D
Acq: 25 Mar 2019 13:32

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion:168 Resp: 1439758
Ion Ratio Lower Upper
168 100
139 38.4 29.7 44.5
169 14.1 10.7 16.1

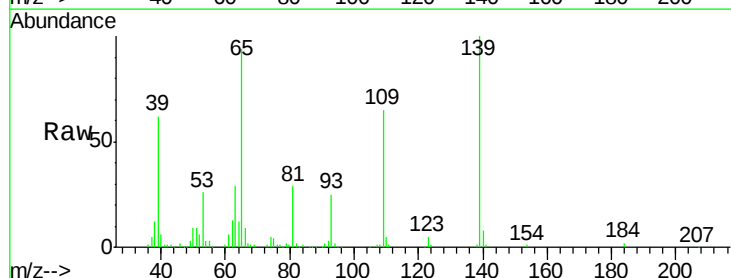


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

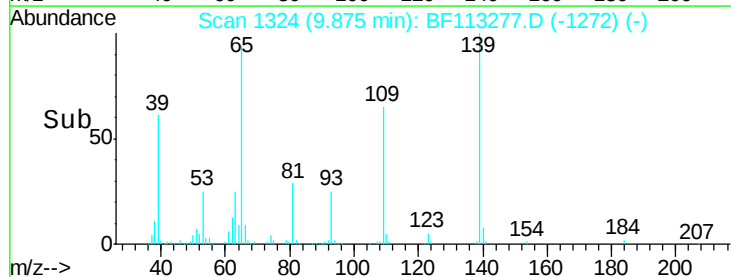
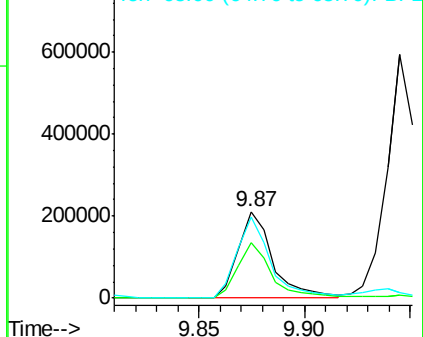


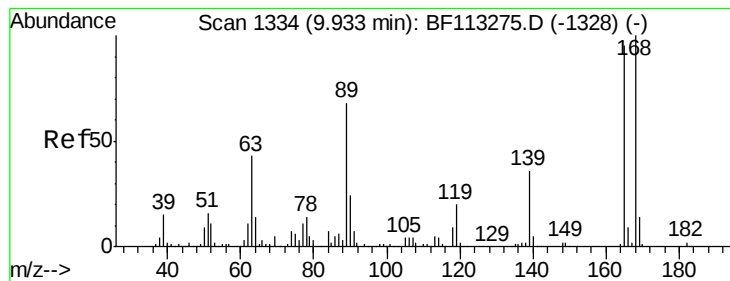
#56
4-Nitrophenol
Concen: 54.082 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.01 min
Lab File: BF113277.D
Acq: 25 Mar 2019 13:32

Tgt Ion:139 Resp: 241460
Ion Ratio Lower Upper
139 100
109 64.9 46.9 86.9
65 94.5 77.2 117.2



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 63.803 ng

RT: 9.94 min Scan# 1335

Delta R.T. 0.01 min

Lab File: BF113277.D

Acq: 25 Mar 2019 13:32

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tot Ion:165 Resp: 357553

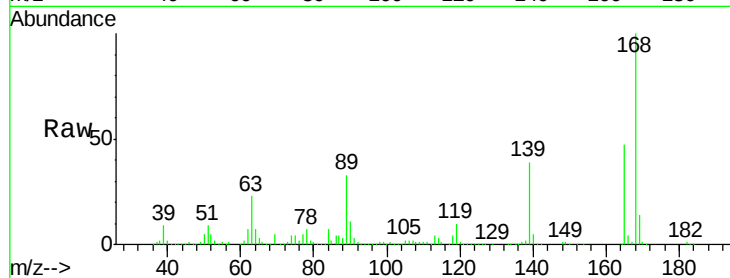
Ion Ratio Lower Upper

165 100

63 49.6 37.5 56.3

89 70.2 57.4 86.2

182 2.6 2.0 3.0

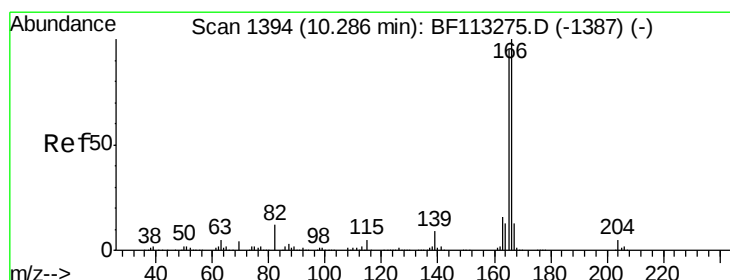
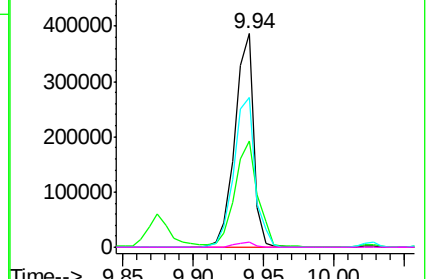
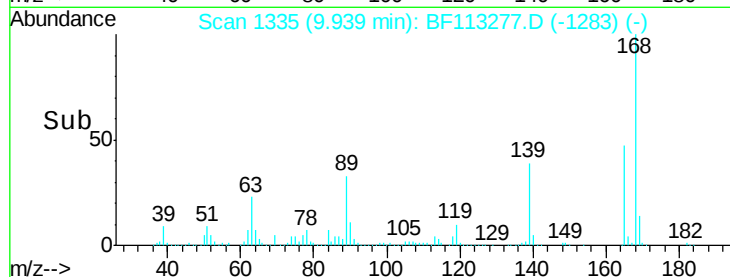


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 57.138 ng

RT: 10.29 min Scan# 1394

Delta R.T. 0.00 min

Lab File: BF113277.D

Acq: 25 Mar 2019 13:32

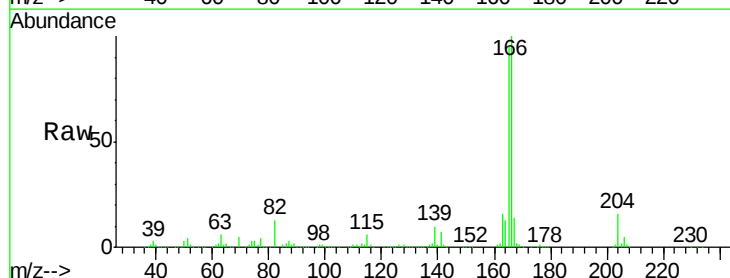
Tgt Ion:166 Resp: 1094255

Ion Ratio Lower Upper

166 100

165 94.8 76.2 114.2

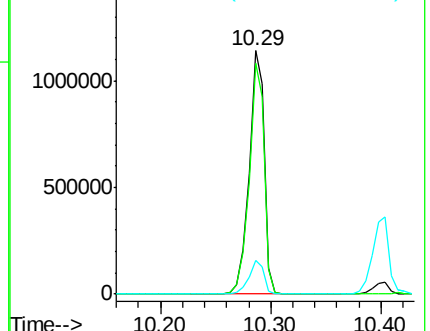
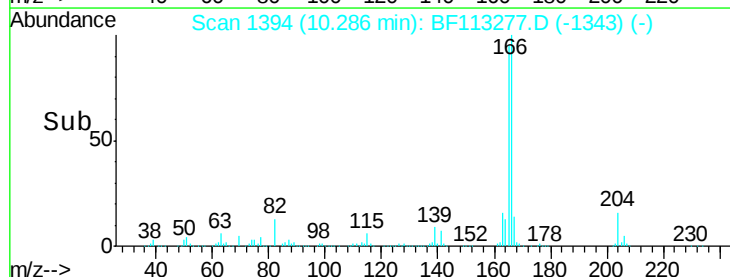
167 13.9 10.7 16.1

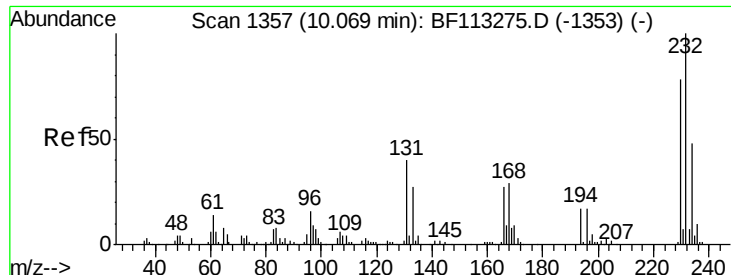


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

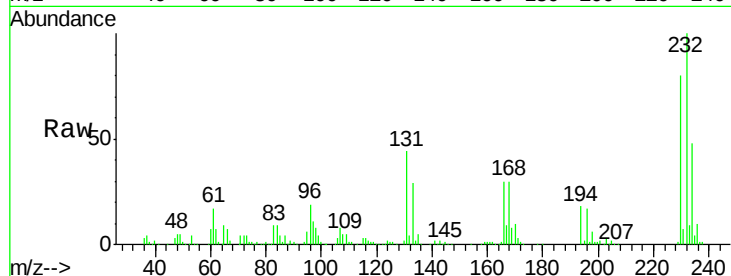




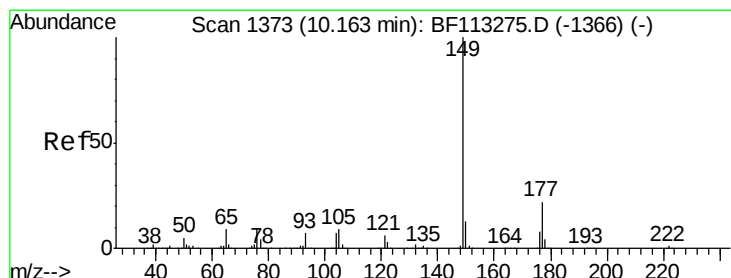
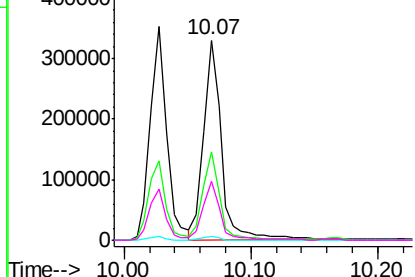
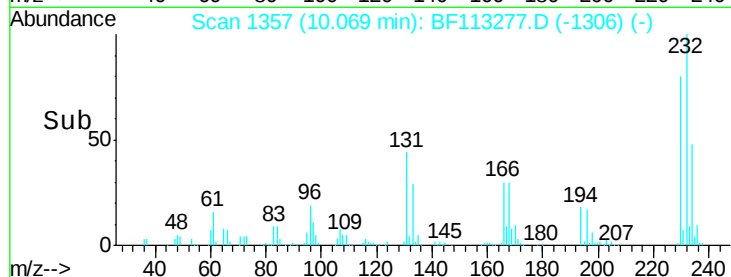
#59
2,3,4,6-Tetrachlorophenol
Concen: 60.405 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.00 min
Lab File: BF113277.D
Acq: 25 Mar 2019 13:32

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion:232 Resp: 320543
Ion Ratio Lower Upper
232 100
131 41.8 33.2 49.8
130 1.9 1.6 2.4
166 28.2 21.0 31.6

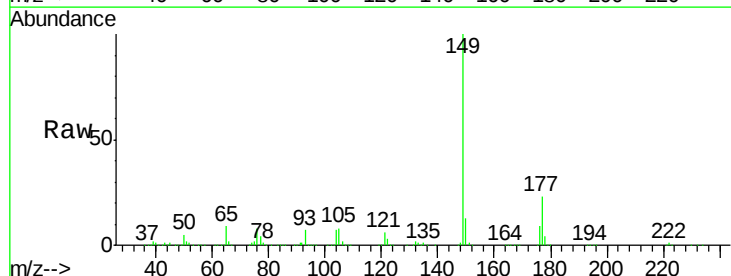


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

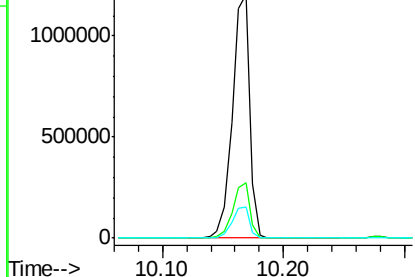
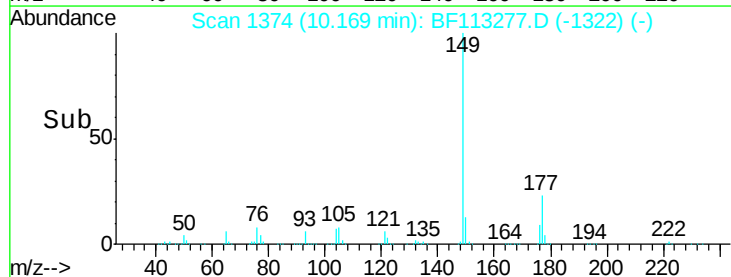


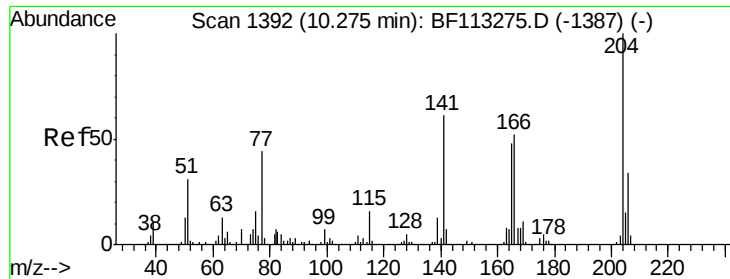
#60
Diethylphthalate
Concen: 52.600 ng
RT: 10.17 min Scan# 1374
Delta R.T. 0.01 min
Lab File: BF113277.D
Acq: 25 Mar 2019 13:32

Tgt Ion:149 Resp: 1202746
Ion Ratio Lower Upper
149 100
177 22.7 17.4 26.0
150 12.6 10.0 15.0



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

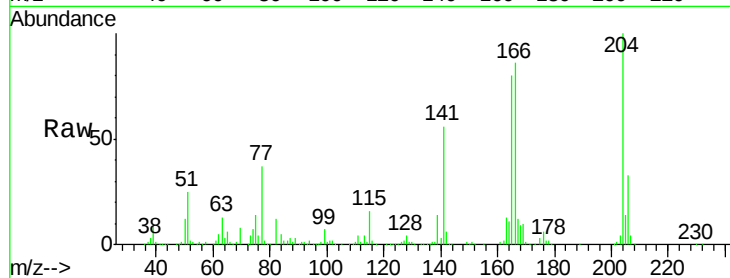




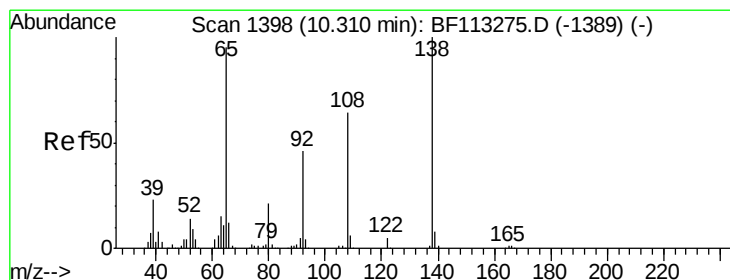
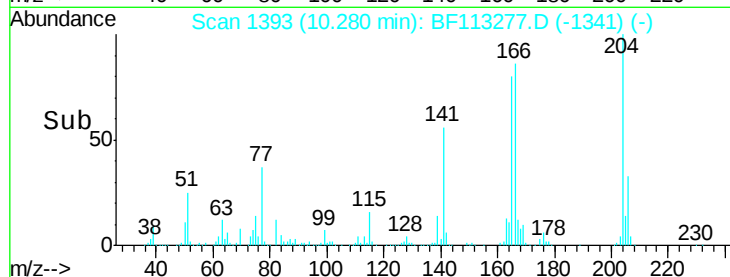
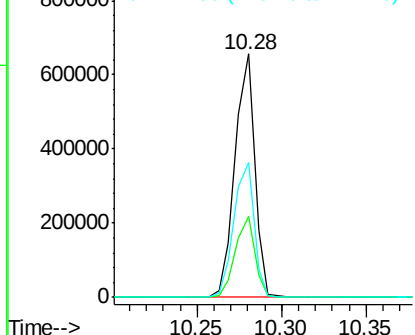
#61
4-Chlorophenyl-phenylether
Concen: 59.911 ng
RT: 10.28 min Scan# 1393
Delta R.T. 0.01 min
Lab File: BF113277.D
Acq: 25 Mar 2019 13:32

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion:204 Resp: 533827
Ion Ratio Lower Upper
204 100
206 33.1 26.9 40.3
141 55.6 48.8 73.2

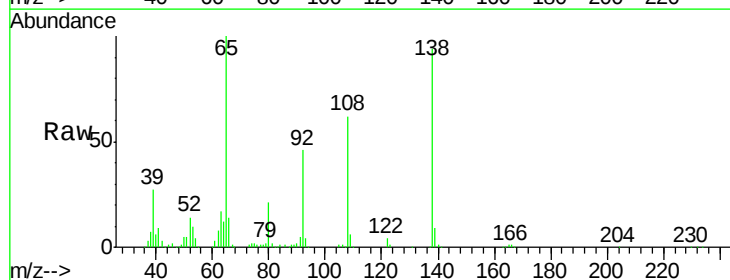


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

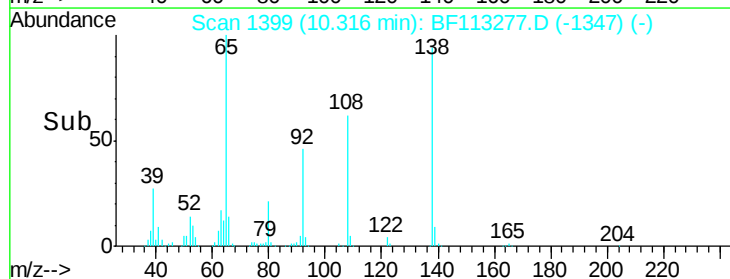
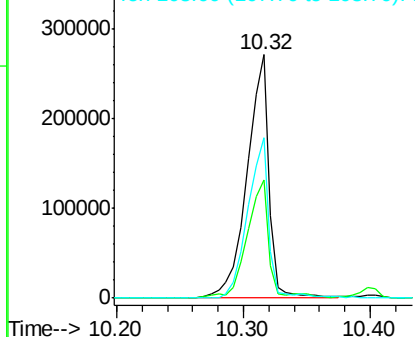


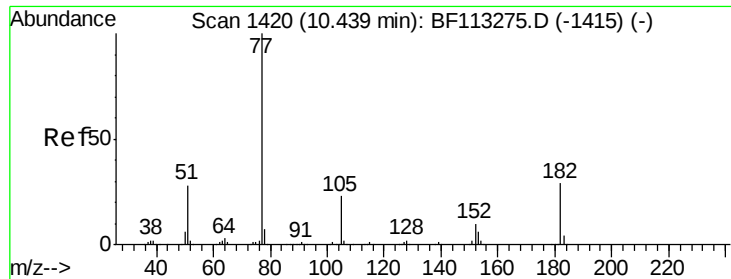
#62
4-Nitroaniline
Concen: 64.845 ng
RT: 10.32 min Scan# 1399
Delta R.T. 0.01 min
Lab File: BF113277.D
Acq: 25 Mar 2019 13:32

Tgt Ion:138 Resp: 329172
Ion Ratio Lower Upper
138 100
92 48.8 25.8 65.8
108 66.1 44.0 84.0



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 48.892 ng

RT: 10.44 min Scan# 1420

Delta R.T. 0.00 min

Lab File: BF113277.D

Acq: 25 Mar 2019 13:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion: 77 Resp: 1145081

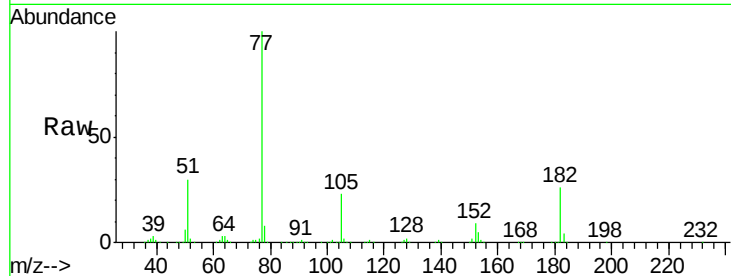
Ion Ratio Lower Upper

77 100

182 25.6 8.7 48.7

105 22.7 2.9 42.9

51 30.4 8.8 48.8

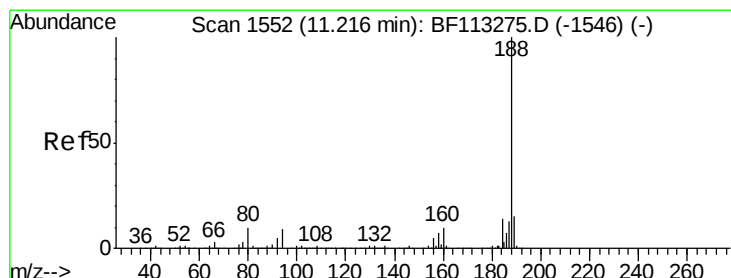
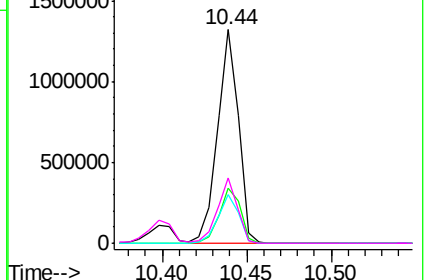
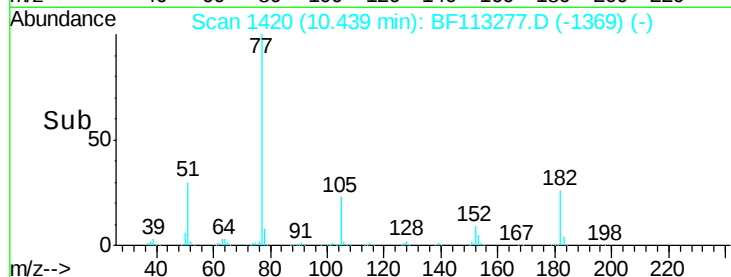


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.22 min Scan# 1552

Delta R.T. 0.00 min

Lab File: BF113277.D

Acq: 25 Mar 2019 13:32

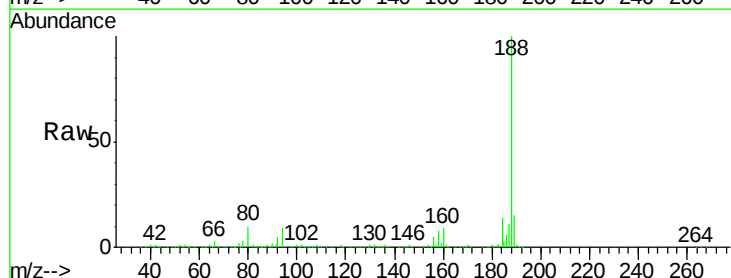
Tgt Ion: 188 Resp: 494803

Ion Ratio Lower Upper

188 100

94 9.2 7.0 10.6

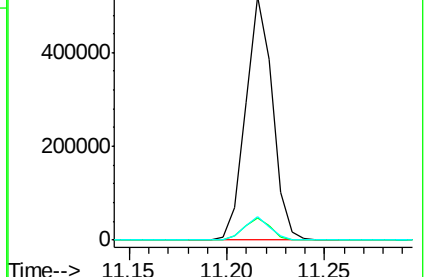
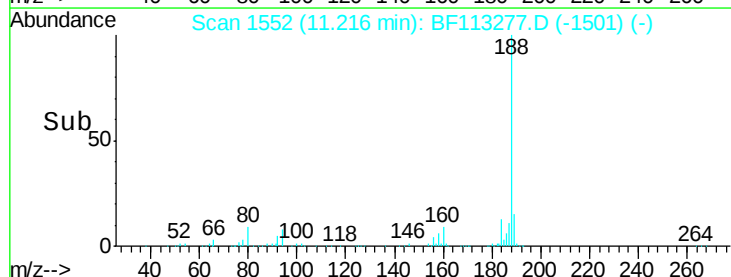
80 9.5 7.7 11.5

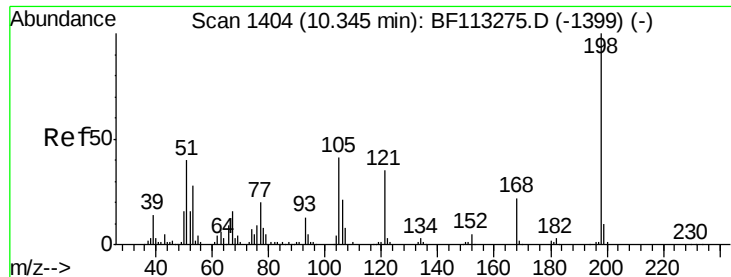


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 89.700 ng

RT: 10.35 min Scan# 1405

Delta R.T. 0.01 min

Lab File: BF113277.D

Acq: 25 Mar 2019 13:32

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

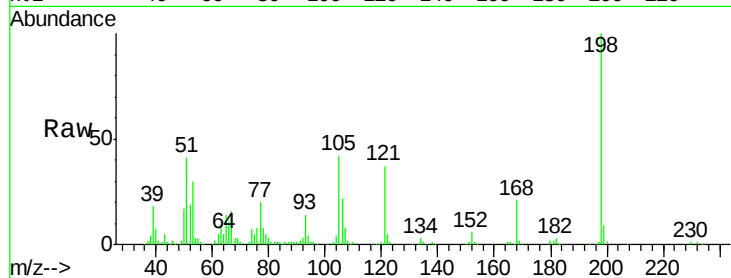
Tot Ion:198 Resp: 191382

Ion	Ratio	Lower	Upper
198	100		
51	41.3	21.6	61.6
105	41.6	20.6	60.6

198 100

51 41.3 21.6 61.6

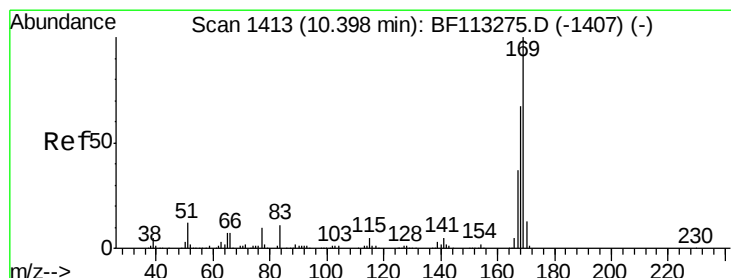
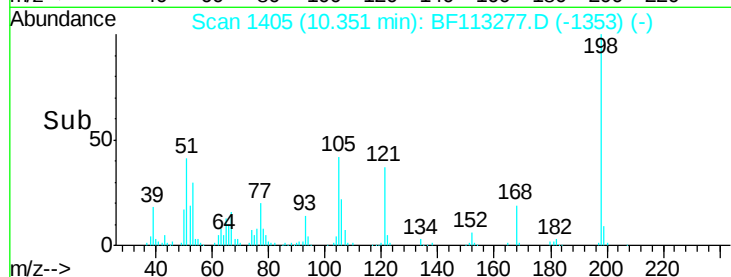
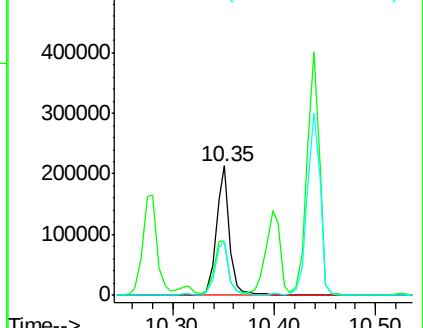
105 41.6 20.6 60.6



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 63.743 ng

RT: 10.40 min Scan# 1414

Delta R.T. 0.01 min

Lab File: BF113277.D

Acq: 25 Mar 2019 13:32

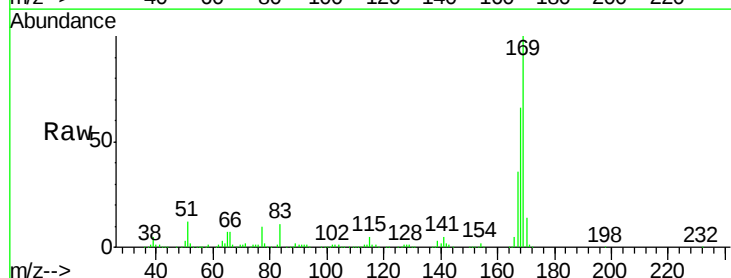
Tgt Ion:169 Resp: 1011519

Ion	Ratio	Lower	Upper
169	100		
168	65.7	53.7	80.5
167	36.4	29.5	44.3

169 100

168 65.7 53.7 80.5

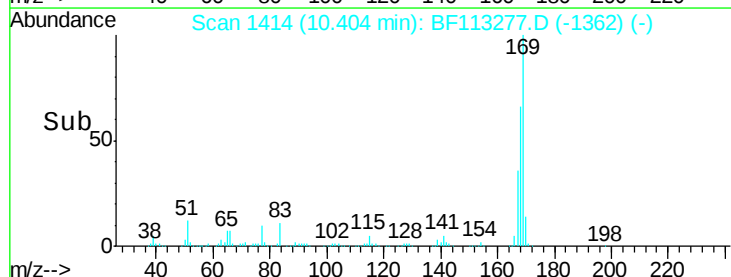
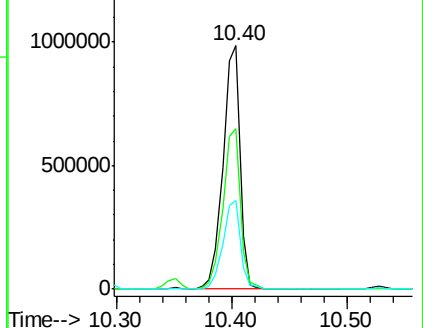
167 36.4 29.5 44.3

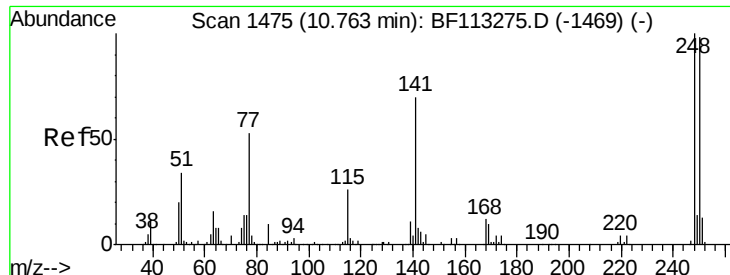


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

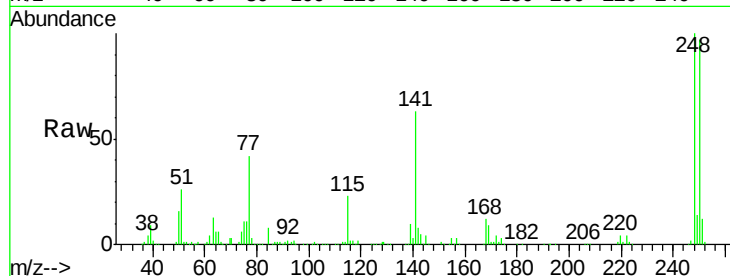




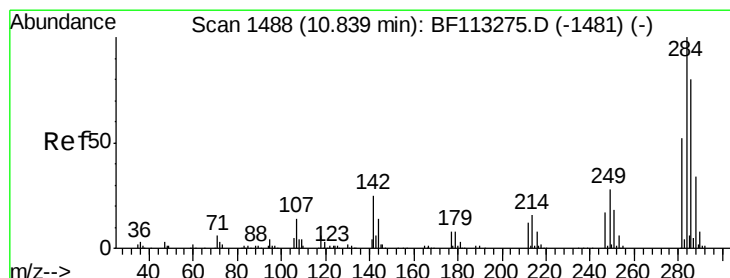
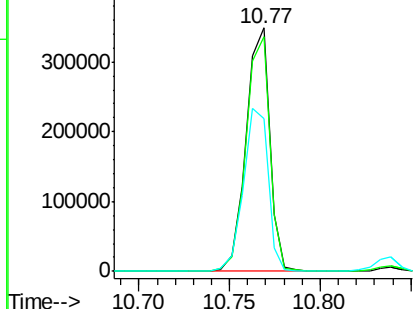
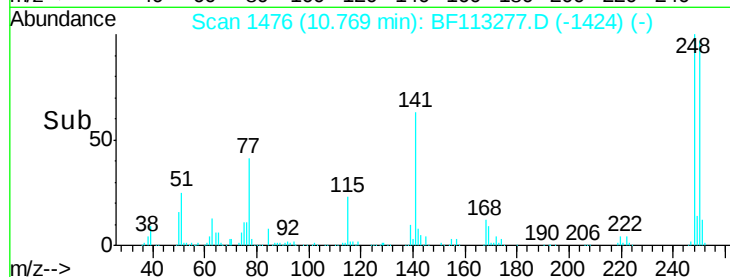
#67
 4-Bromophenyl-phenylether
 Concen: 60.602 ng
 RT: 10.77 min Scan# 1476
 Delta R.T. 0.01 min
 Lab File: BF113277.D
 Acq: 25 Mar 2019 13:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion:248 Resp: 315844
 Ion Ratio Lower Upper
 248 100
 250 96.6 78.3 117.5
 141 62.7 56.2 84.4

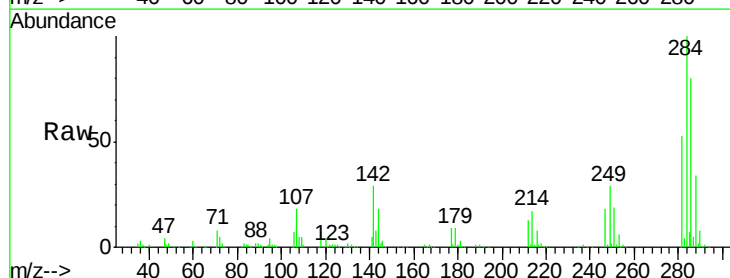


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

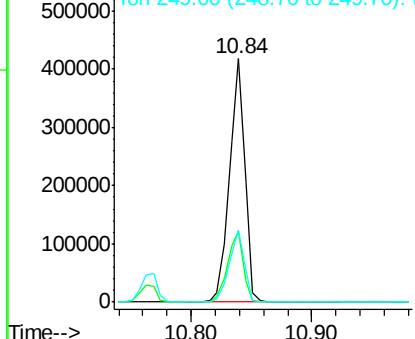
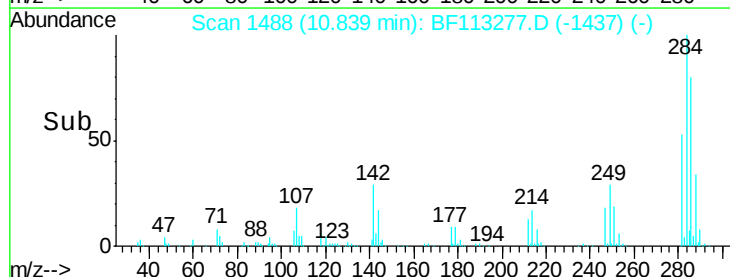


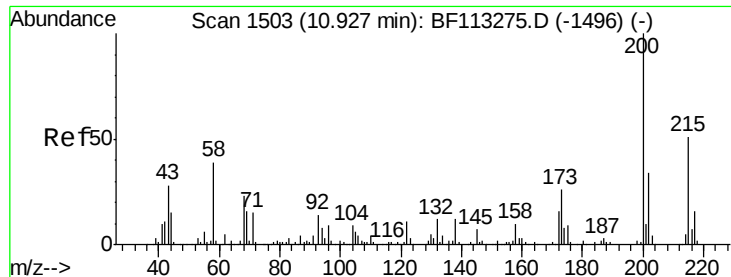
#68
 Hexachlorobenzene
 Concen: 62.683 ng
 RT: 10.84 min Scan# 1488
 Delta R.T. 0.00 min
 Lab File: BF113277.D
 Acq: 25 Mar 2019 13:32

Tgt Ion:284 Resp: 368262
 Ion Ratio Lower Upper
 284 100
 142 29.1 20.1 30.1
 249 29.5 22.7 34.1



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 57.882 ng

RT: 10.93 min Scan# 1503

Delta R.T. 0.00 min

Lab File: BF113277.D

Acq: 25 Mar 2019 13:32

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

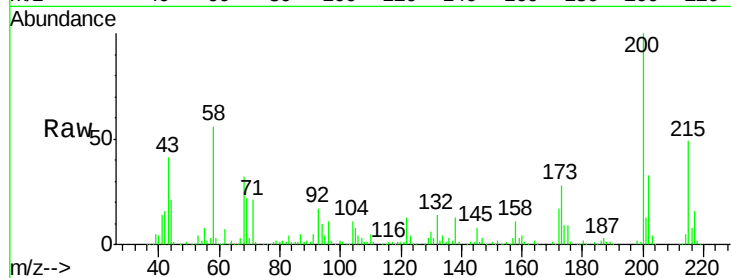
Tot Ion:200 Resp: 281315

Ion Ratio Lower Upper

200 100

173 28.2 6.0 46.0

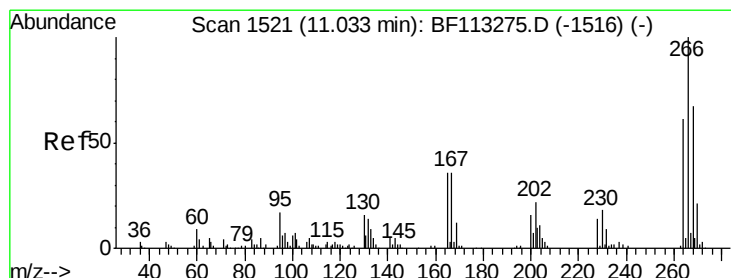
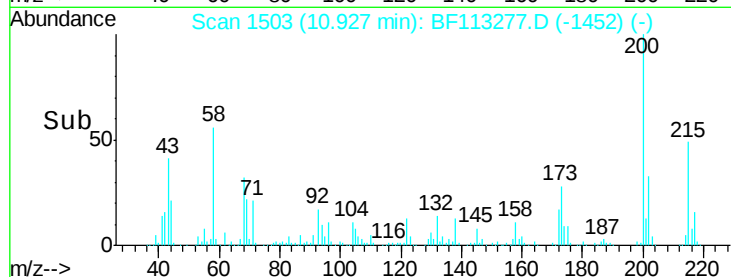
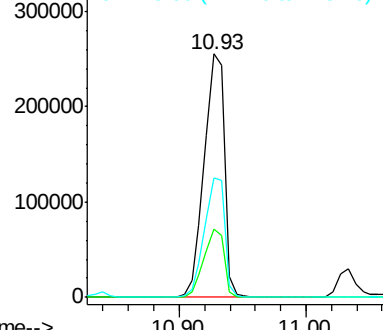
215 49.2 31.3 71.3



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 58.790 ng

RT: 11.03 min Scan# 1521

Delta R.T. 0.00 min

Lab File: BF113277.D

Acq: 25 Mar 2019 13:32

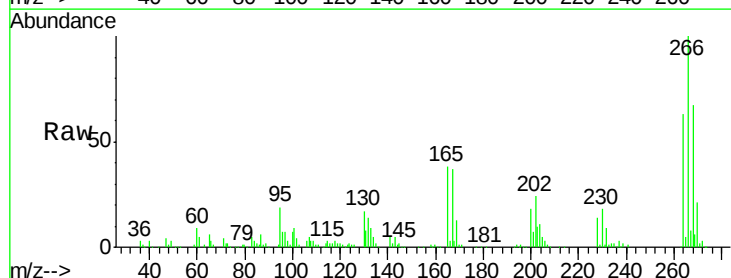
Tgt Ion:266 Resp: 203288

Ion Ratio Lower Upper

266 100

268 67.2 53.8 80.6

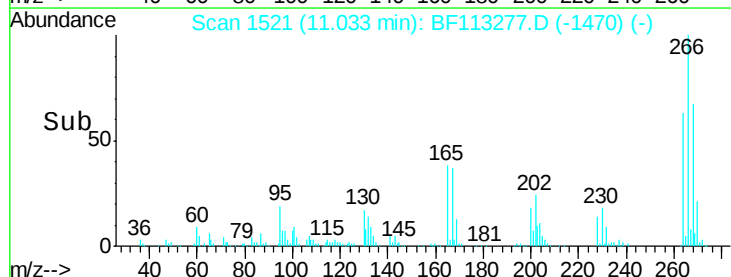
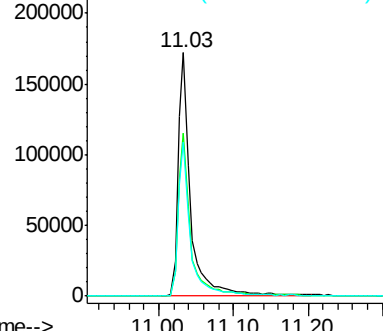
264 63.3 49.2 73.8

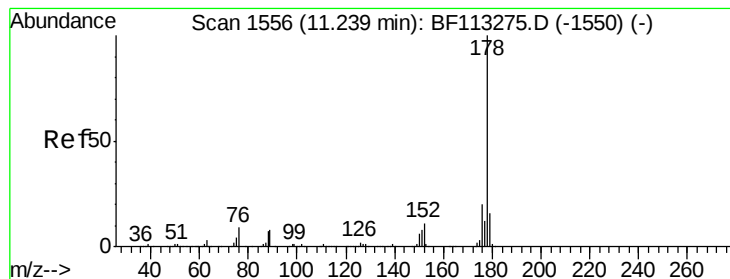


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 57.260 ng

RT: 11.25 min Scan# 1557

Delta R.T. 0.01 min

Lab File: BF113277.D

Acq: 25 Mar 2019 13:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

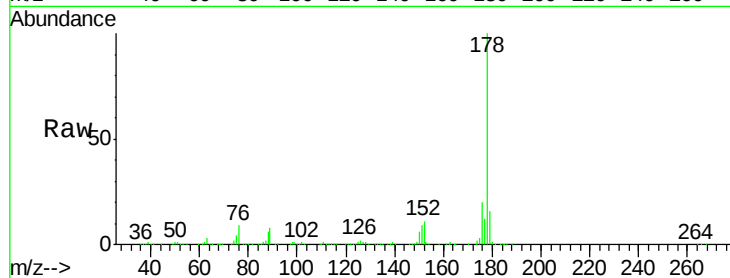
Tot Ion:178 Resp: 1409648

Ion Ratio Lower Upper

178 100

176 20.1 16.2 24.2

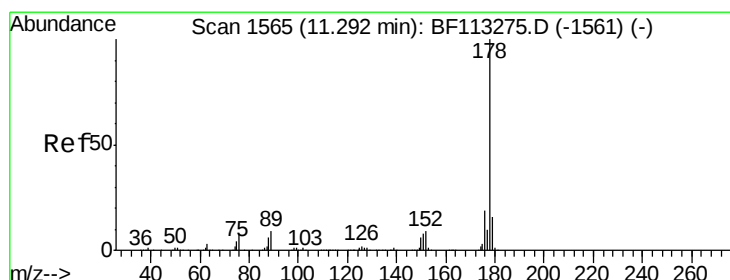
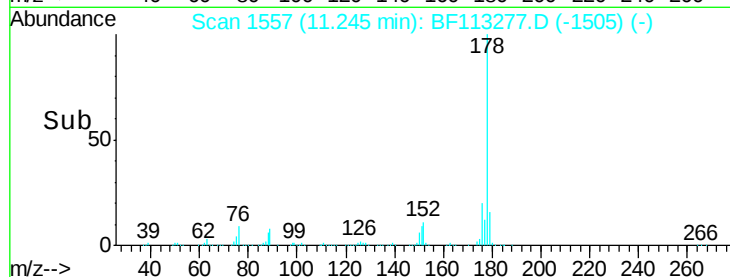
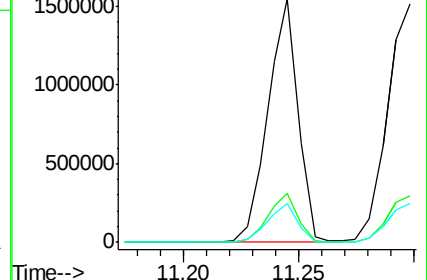
179 15.9 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 55.323 ng

RT: 11.30 min Scan# 1566

Delta R.T. 0.01 min

Lab File: BF113277.D

Acq: 25 Mar 2019 13:32

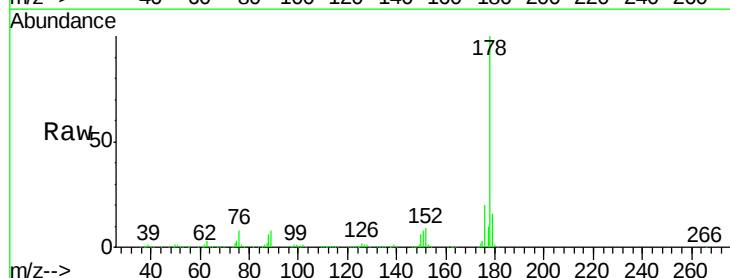
Tgt Ion:178 Resp: 1425678

Ion Ratio Lower Upper

178 100

176 19.7 15.4 23.2

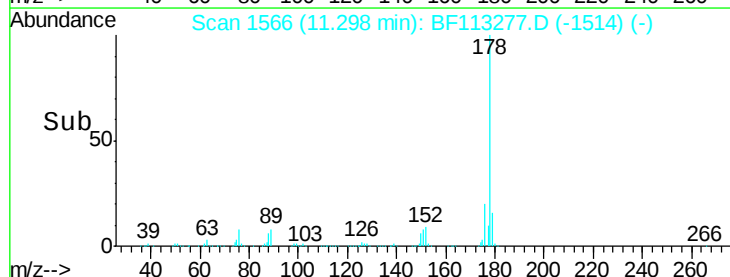
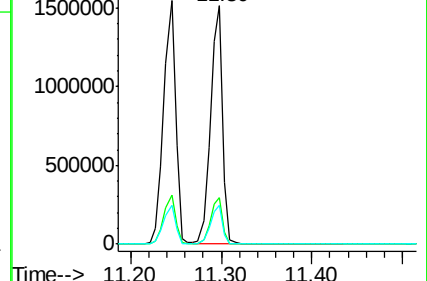
179 16.1 12.8 19.2

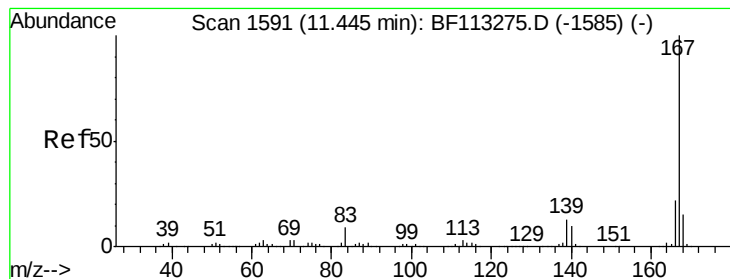


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 54.678 ng

RT: 11.45 min Scan# 1592

Delta R.T. 0.01 min

Lab File: BF113277.D

Acq: 25 Mar 2019 13:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

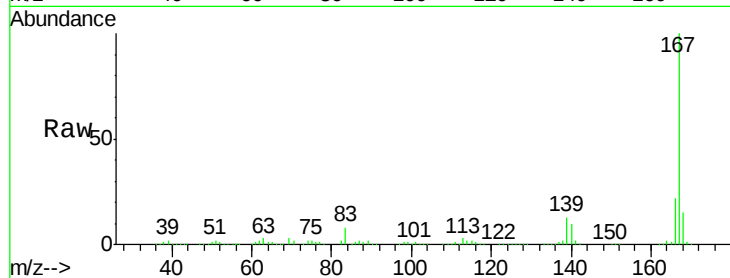
Tot Ion:167 Resp: 1374563

Ion Ratio Lower Upper

167 100

166 21.9 17.4 26.0

139 13.2 10.4 15.6



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

11.45

1500000

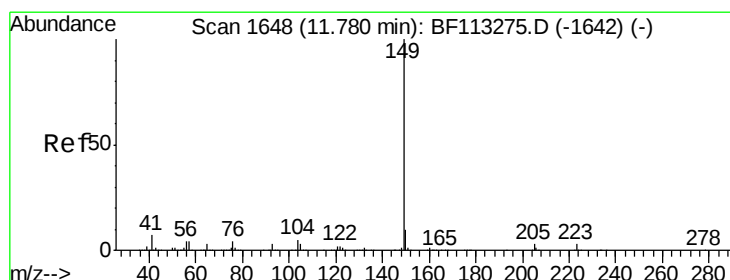
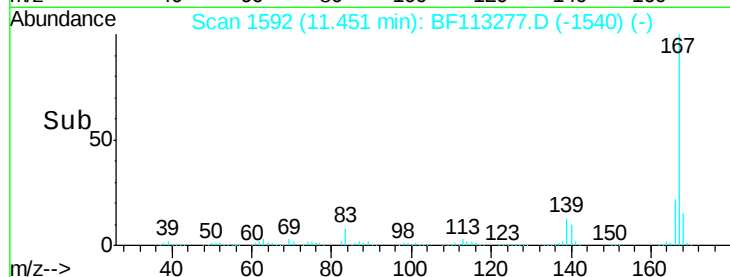
1000000

500000

0

Time-->

11.40 11.50 11.60



#74

Di-n-butylphthalate

Concen: 53.488 ng

RT: 11.78 min Scan# 1648

Delta R.T. 0.00 min

Lab File: BF113277.D

Acq: 25 Mar 2019 13:32

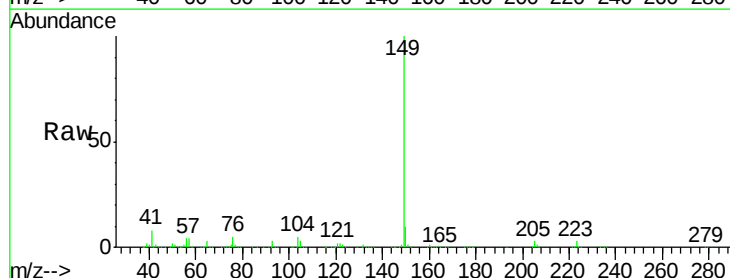
Tgt Ion:149 Resp: 1612278

Ion Ratio Lower Upper

149 100

150 9.7 7.7 11.5

104 4.6 3.7 5.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

11.78

2500000

2000000

1500000

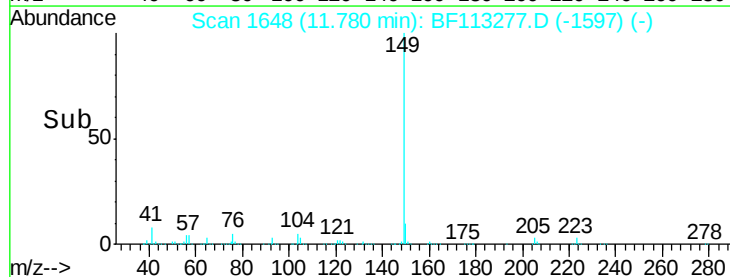
1000000

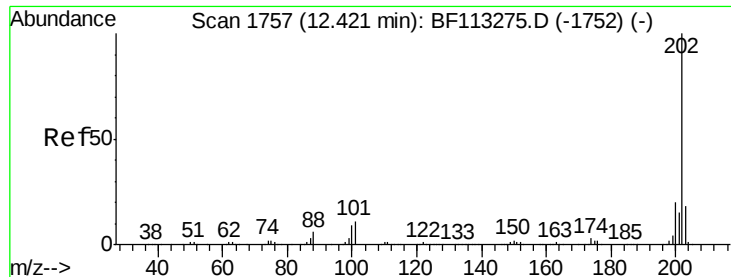
500000

0

Time-->

11.70 11.80

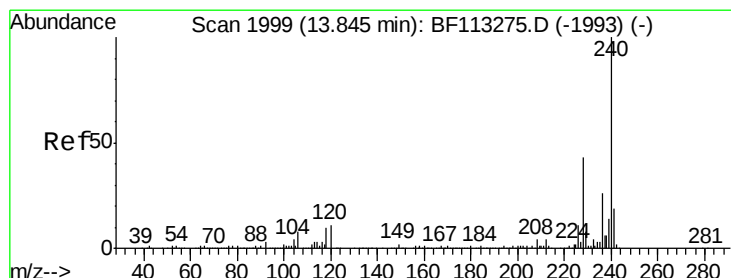
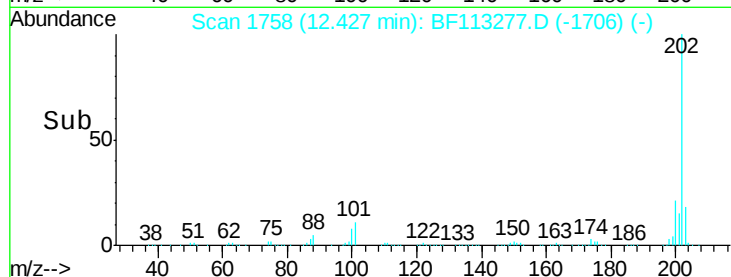
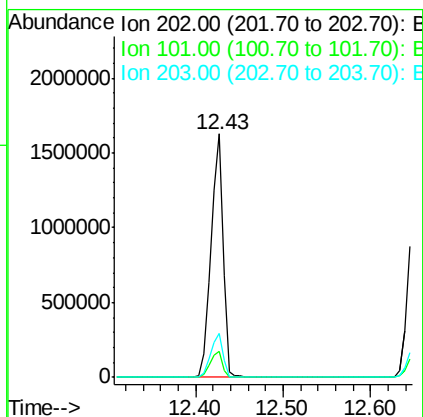
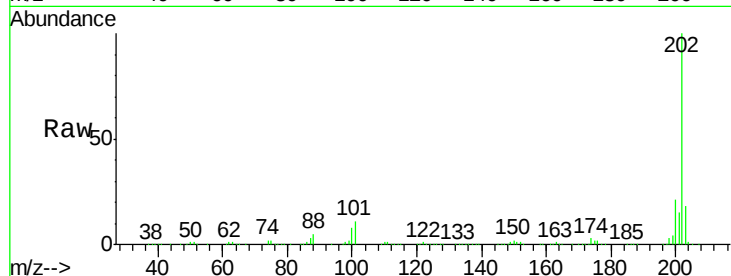




#75
Fluoranthene
Concen: 59.524 ng
RT: 12.43 min Scan# 1758
Delta R.T. 0.01 min
Lab File: BF113277.D
Acq: 25 Mar 2019 13:32

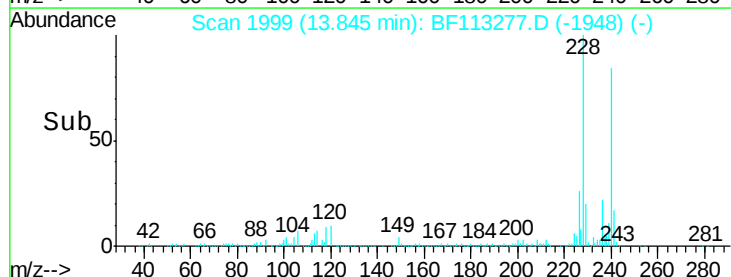
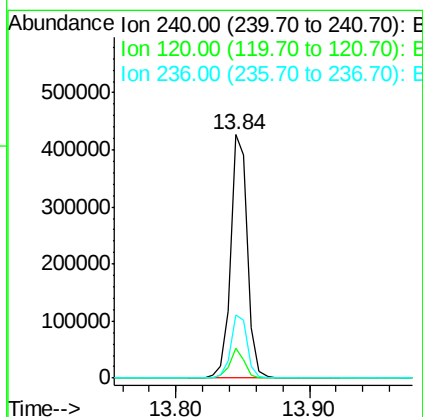
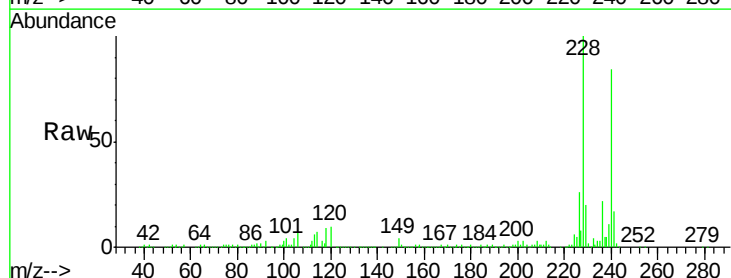
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

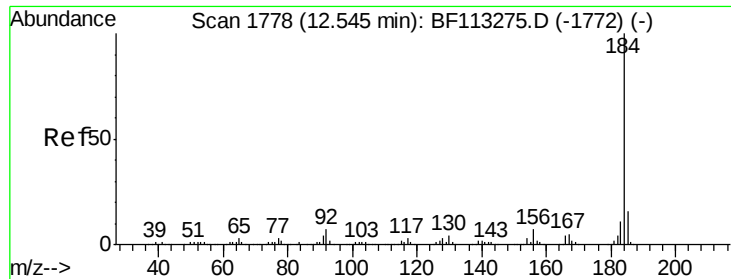
Tot Ion:202 Resp: 1569996
Ion Ratio Lower Upper
202 100
101 10.8 0.0 31.4
203 18.1 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1999
Delta R.T. 0.00 min
Lab File: BF113277.D
Acq: 25 Mar 2019 13:32

Tgt Ion:240 Resp: 376728
Ion Ratio Lower Upper
240 100
120 12.3 8.8 13.2
236 26.1 20.9 31.3





#77

Benzidine

Concen: 42.432 ng

RT: 12.54 min Scan# 1778

Delta R.T. 0.00 min

Lab File: BF113277.D

Acq: 25 Mar 2019 13:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

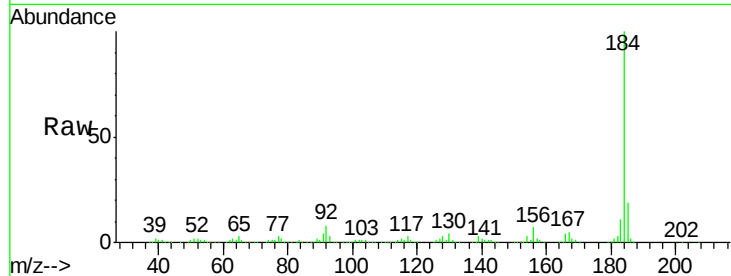
Tot Ion:184 Resp: 829348

Ion Ratio Lower Upper

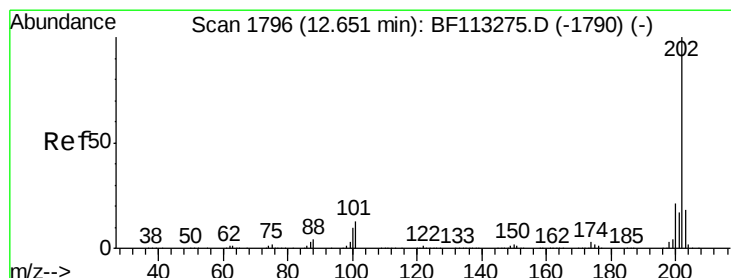
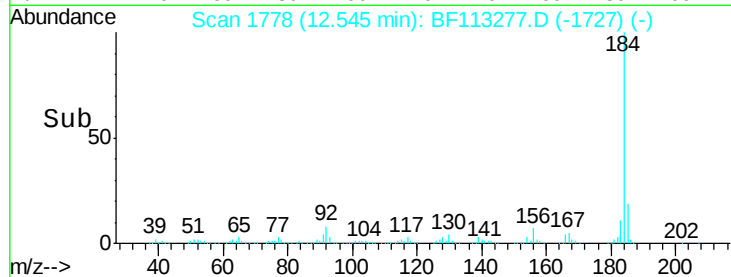
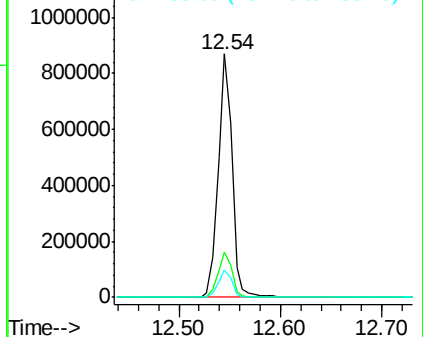
184 100

185 18.8 13.0 19.6

183 11.3 9.0 13.4



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 50.125 ng

RT: 12.66 min Scan# 1797

Delta R.T. 0.01 min

Lab File: BF113277.D

Acq: 25 Mar 2019 13:32

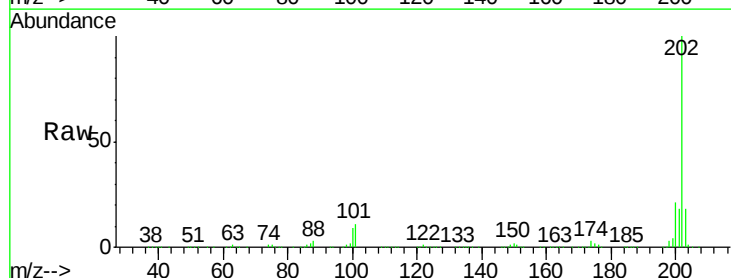
Tgt Ion:202 Resp: 1591927

Ion Ratio Lower Upper

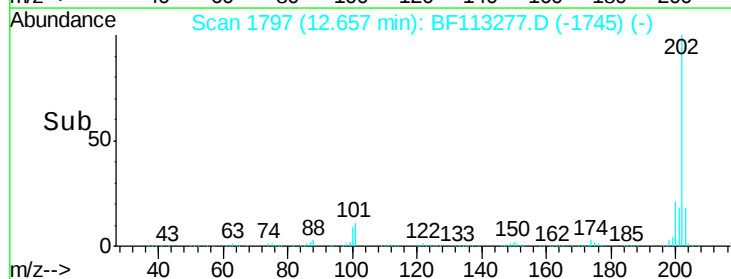
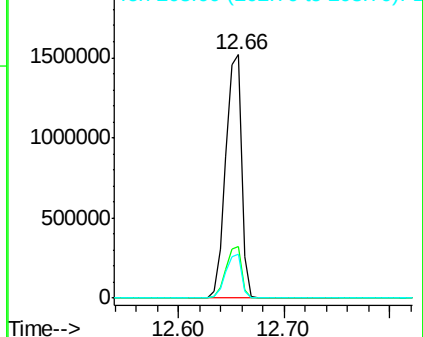
202 100

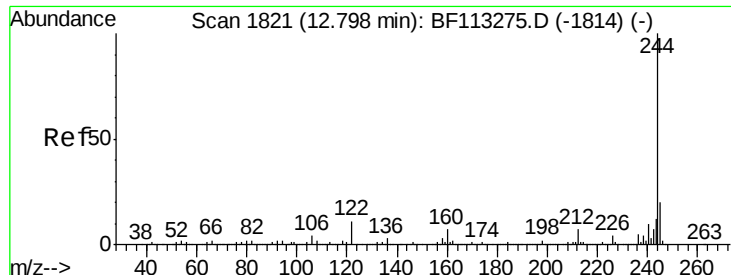
200 21.2 16.8 25.2

203 17.8 14.4 21.6



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

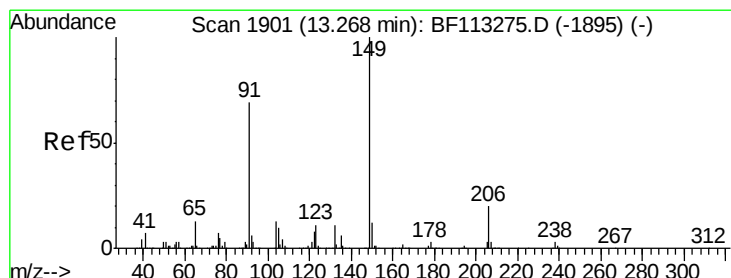
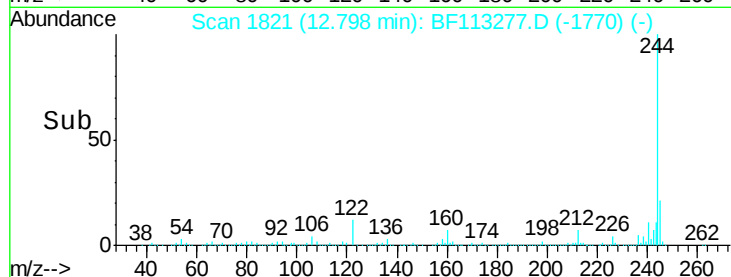
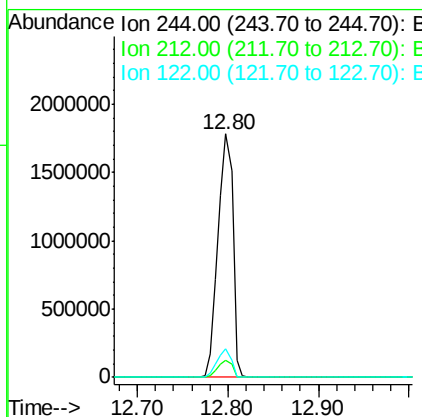
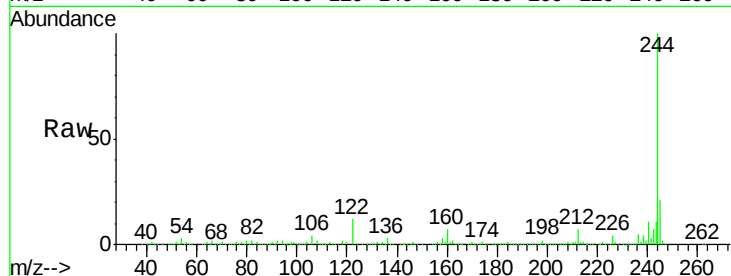




#79
 Terphenyl-d14
 Concen: 103.796 ng
 RT: 12.80 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: BF113277.D
 Acq: 25 Mar 2019 13:32

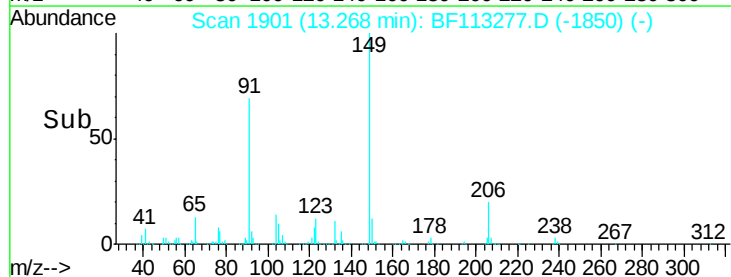
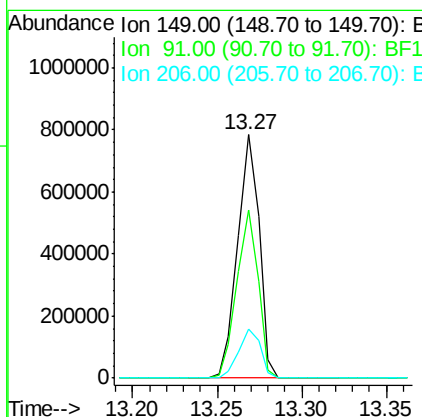
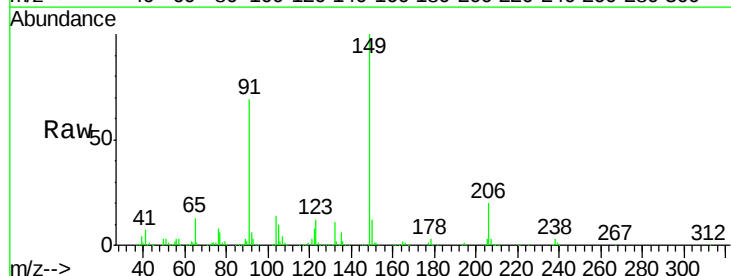
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

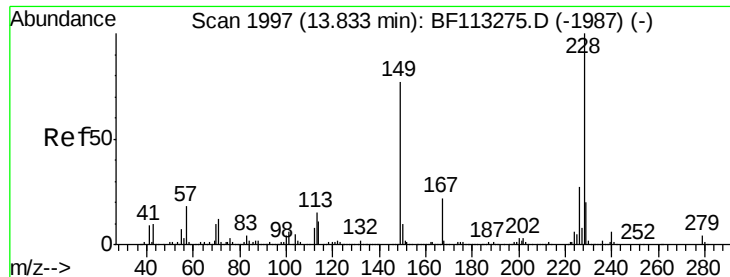
Tot Ion:244 Resp: 2017166
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.5 8.3
 122 11.7 8.6 13.0



#80
 Butylbenzylphthalate
 Concen: 49.732 ng
 RT: 13.27 min Scan# 1901
 Delta R.T. 0.00 min
 Lab File: BF113277.D
 Acq: 25 Mar 2019 13:32

Tgt Ion:149 Resp: 697181
 Ion Ratio Lower Upper
 149 100
 91 69.2 55.2 82.8
 206 20.1 16.1 24.1





#81

Benzo(a)anthracene

Concen: 48.993 ng

RT: 13.84 min Scan# 1998

Delta R.T. 0.01 min

Lab File: BF113277.D

Acq: 25 Mar 2019 13:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

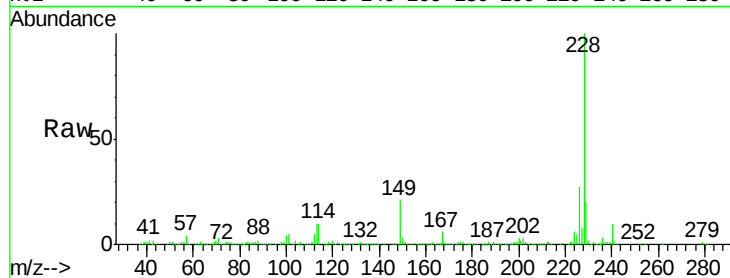
Tot Ion:228 Resp: 1279208

Ion Ratio Lower Upper

228 100

226 27.3 21.8 32.8

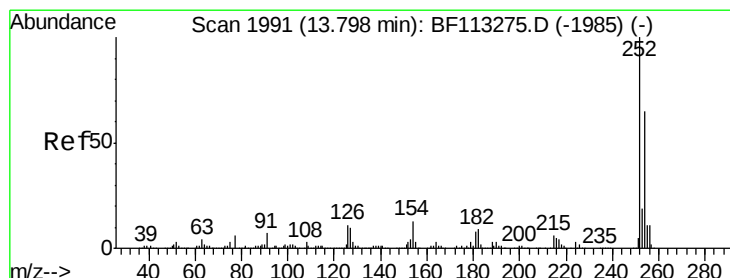
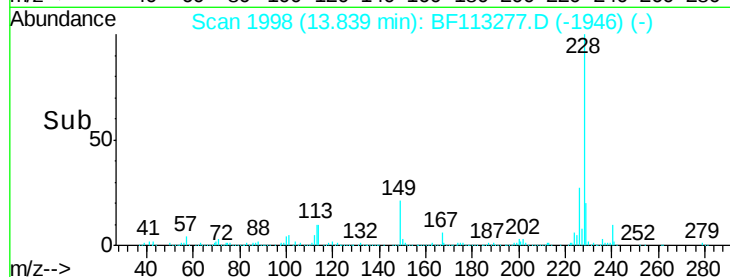
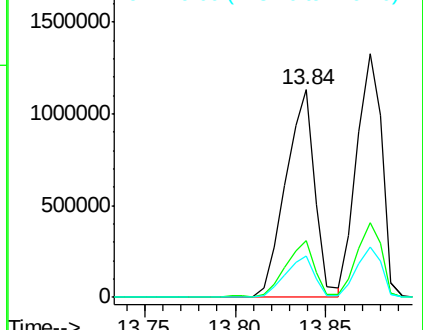
229 20.0 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 51.182 ng

RT: 13.80 min Scan# 1991

Delta R.T. 0.00 min

Lab File: BF113277.D

Acq: 25 Mar 2019 13:32

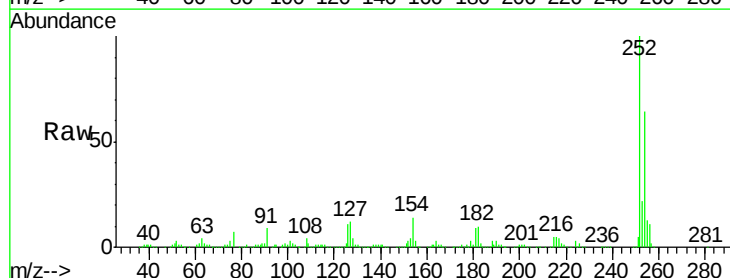
Tgt Ion:252 Resp: 505410

Ion Ratio Lower Upper

252 100

254 64.4 52.2 78.2

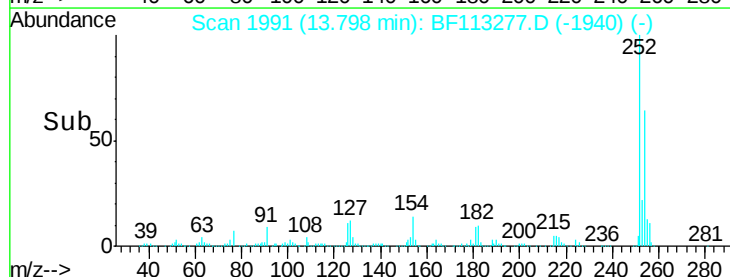
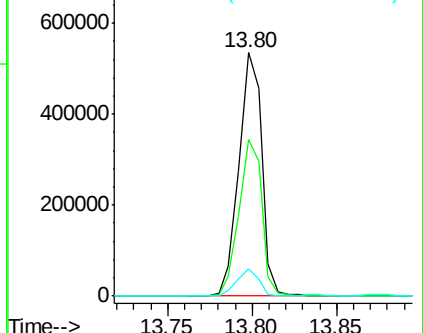
126 11.3 8.5 12.7

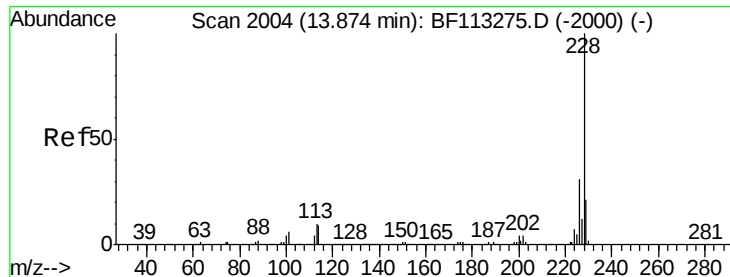


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 50.586 ng

RT: 13.87 min Scan# 2004

Delta R.T. 0.00 min

Lab File: BF113277.D

Acq: 25 Mar 2019 13:32

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

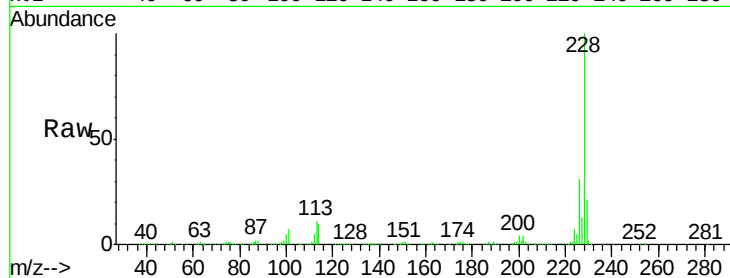
Tot Ion:228 Resp: 1293760

Ion Ratio Lower Upper

228 100

226 30.8 24.3 36.5

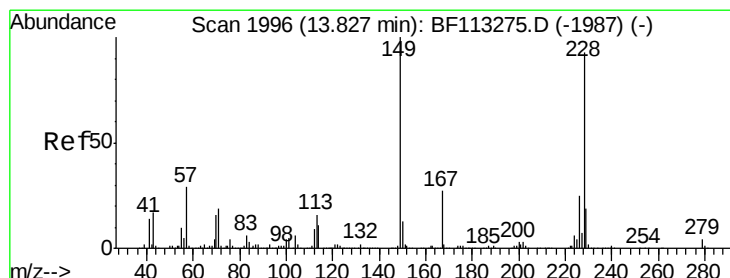
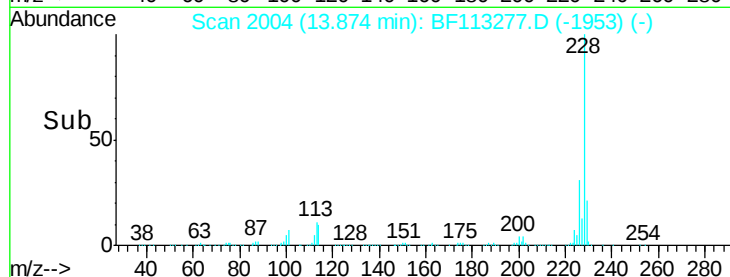
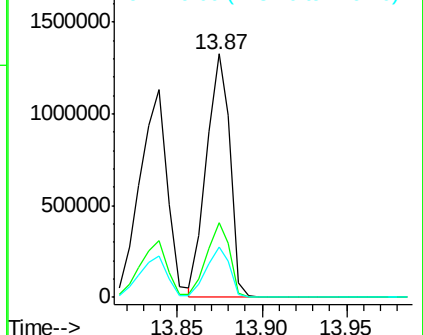
229 20.6 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.962 ng

RT: 13.83 min Scan# 1997

Delta R.T. 0.01 min

Lab File: BF113277.D

Acq: 25 Mar 2019 13:32

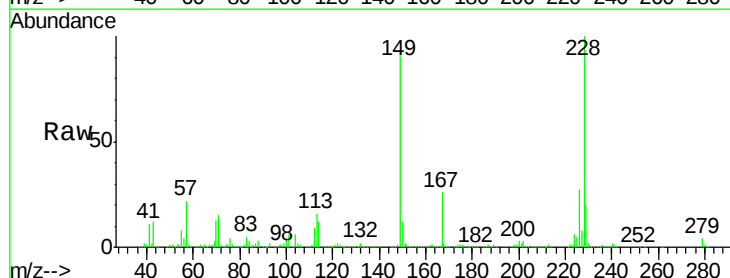
Tgt Ion:149 Resp: 837966

Ion Ratio Lower Upper

149 100

167 28.1 21.8 32.8

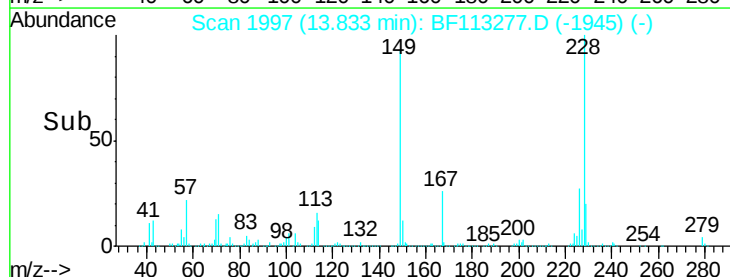
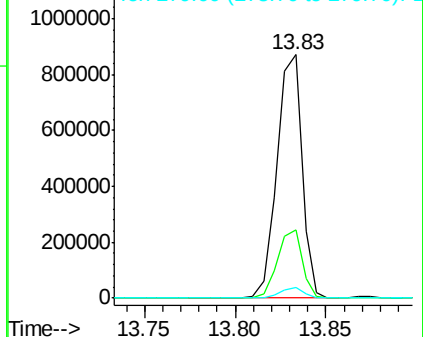
279 4.6 2.9 4.3#

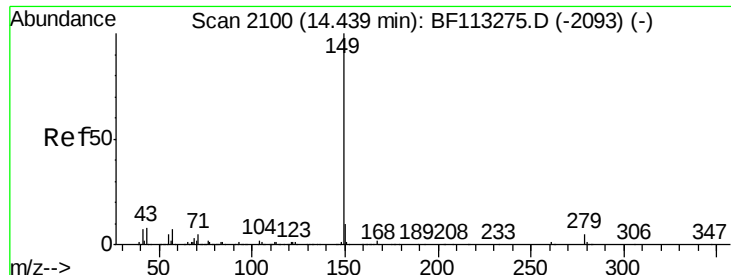


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

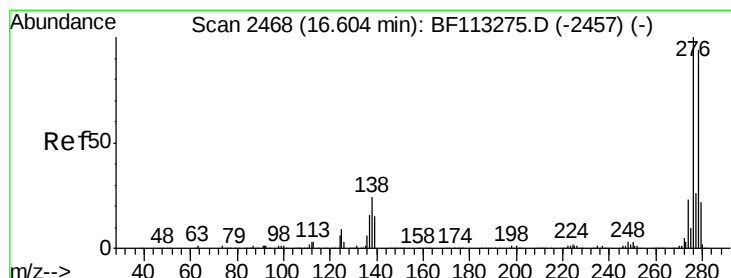
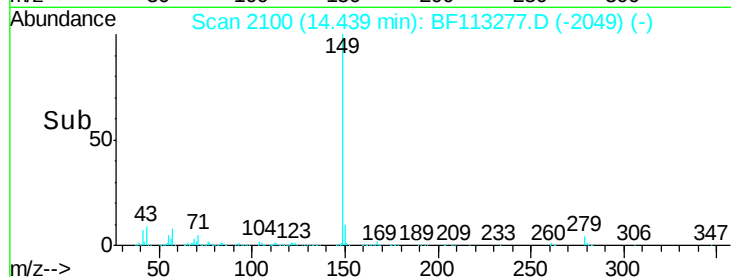
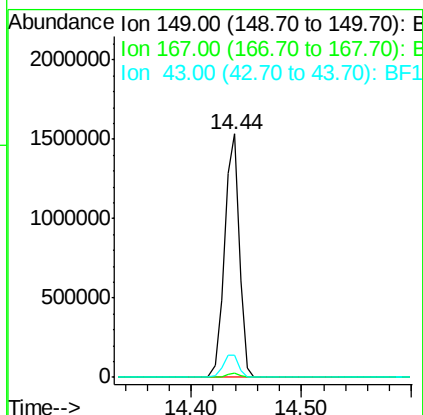
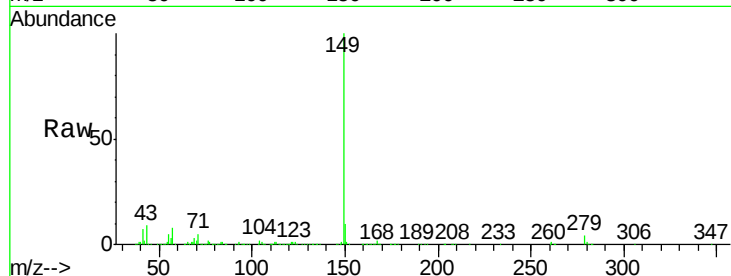




#85
Di-n-octyl phthalate
Concen: 50.890 ng
RT: 14.44 min Scan# 2100
Delta R.T. 0.00 min
Lab File: BF113277.D
Acq: 25 Mar 2019 13:32

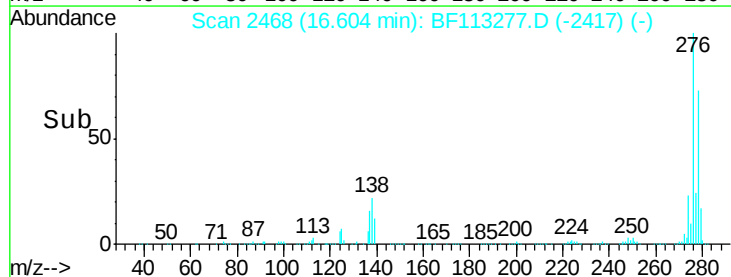
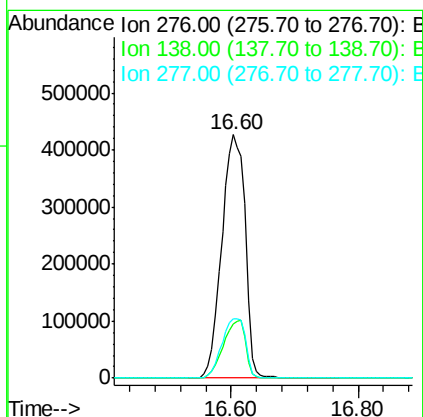
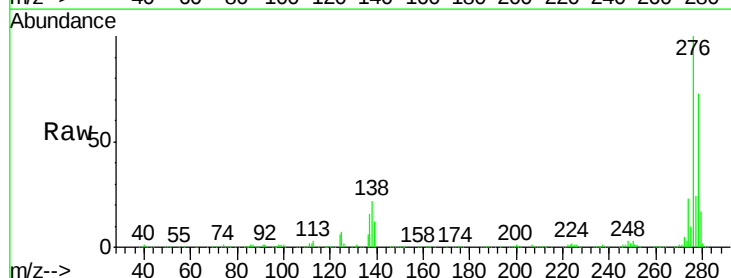
Instrument :
BNA_F
ClientSampleId :
SSTDIC060

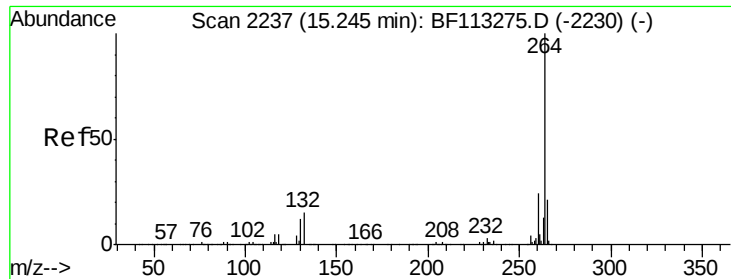
Tot Ion:149 Resp: 1436887
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.9 7.7 11.5



#86
Indeno(1,2,3-cd)pyrene
Concen: 50.239 ng
RT: 16.60 min Scan# 2468
Delta R.T. 0.00 min
Lab File: BF113277.D
Acq: 25 Mar 2019 13:32

Tgt Ion:276 Resp: 1095393
Ion Ratio Lower Upper
276 100
138 22.6 18.1 27.1
277 24.9 20.2 30.4





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.24 min Scan# 2237

Delta R.T. 0.00 min

Lab File: BF113277.D

Acq: 25 Mar 2019 13:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

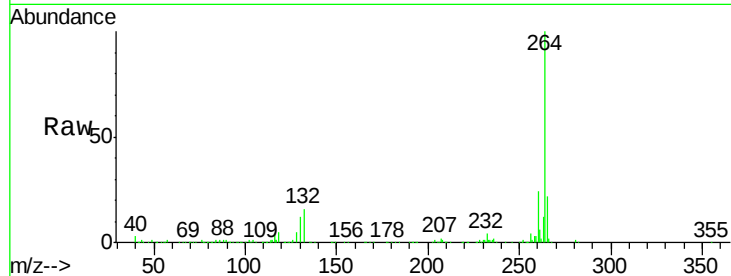
Tot Ion:264 Resp: 311284

Ion Ratio Lower Upper

264 100

260 24.2 19.1 28.7

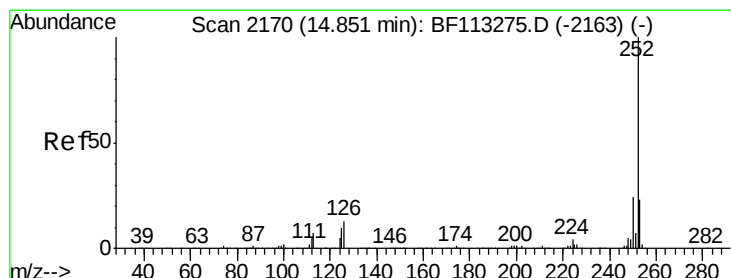
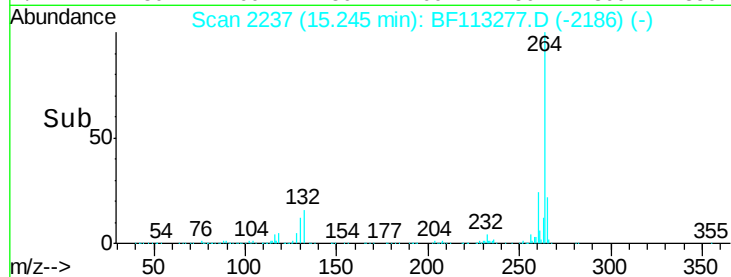
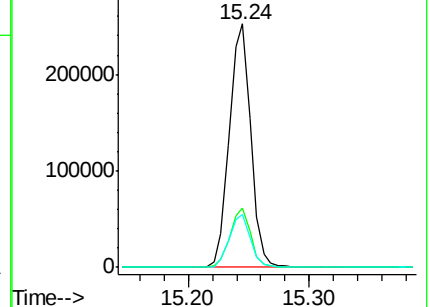
265 21.9 17.1 25.7



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 61.779 ng

RT: 14.86 min Scan# 2171

Delta R.T. 0.01 min

Lab File: BF113277.D

Acq: 25 Mar 2019 13:32

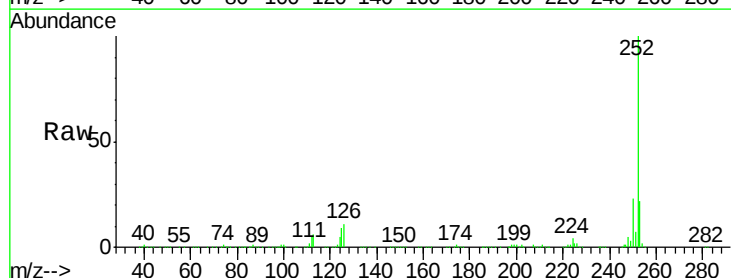
Tgt Ion:252 Resp: 1243901

Ion Ratio Lower Upper

252 100

253 22.2 18.0 27.0

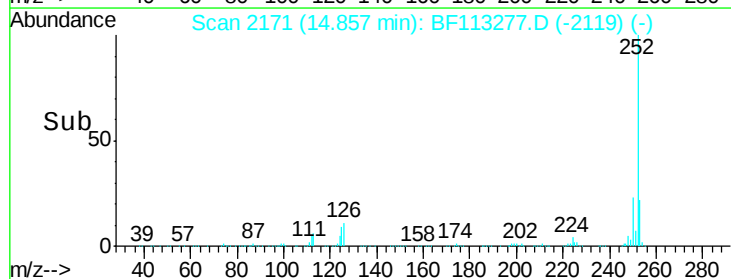
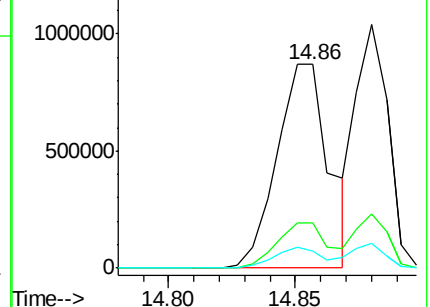
125 8.5 7.6 11.4

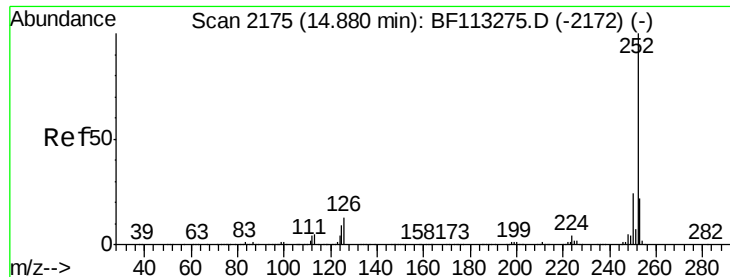


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

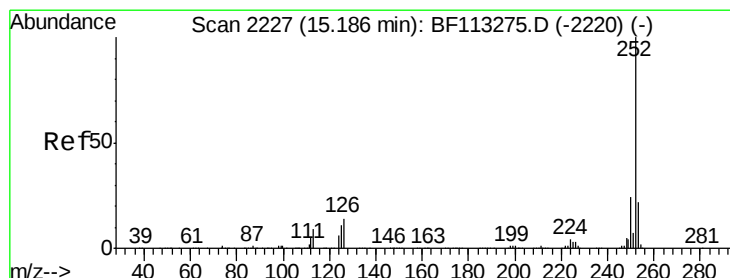
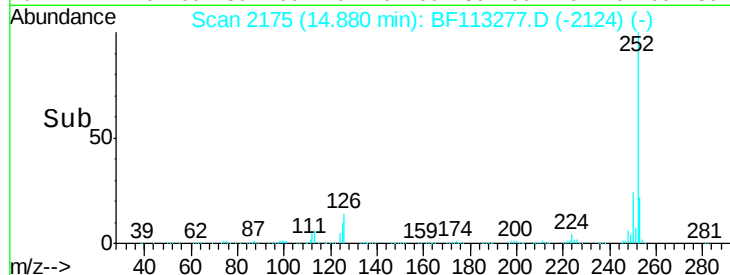
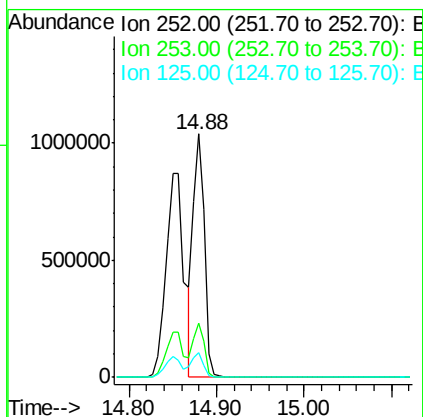
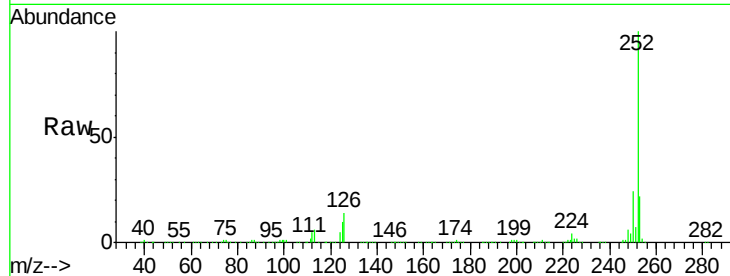




#89
Benzo(k)fluoranthene
Concen: 51.302 ng
RT: 14.88 min Scan# 2175
Delta R.T. 0.00 min
Lab File: BF113277.D
Acq: 25 Mar 2019 13:32

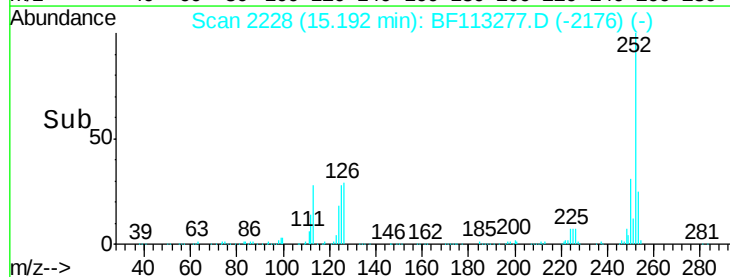
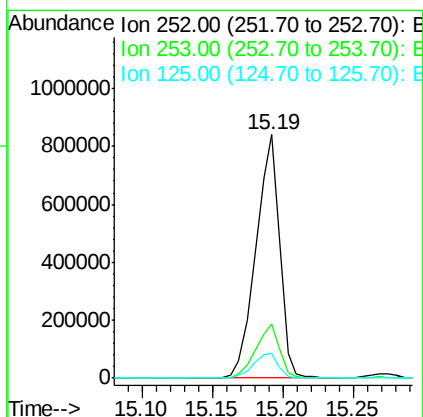
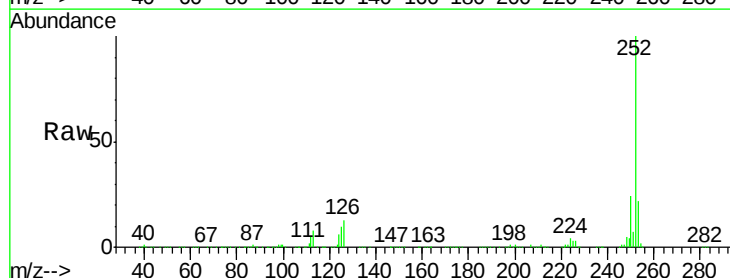
Instrument :
BNA_F
ClientSampleId :
SSTDIC060

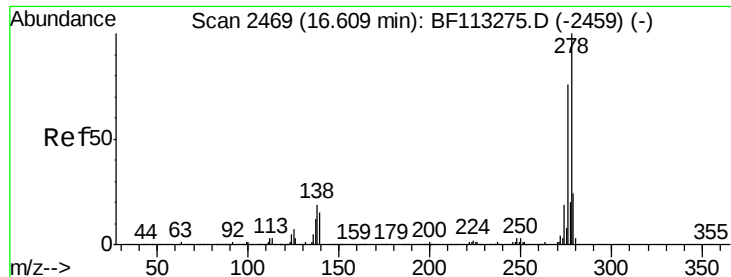
Tot Ion:252 Resp: 935642
Ion Ratio Lower Upper
252 100
253 22.5 17.7 26.5
125 10.1 7.3 10.9



#90
Benzo(a)pyrene
Concen: 56.208 ng
RT: 15.19 min Scan# 2228
Delta R.T. 0.01 min
Lab File: BF113277.D
Acq: 25 Mar 2019 13:32

Tgt Ion:252 Resp: 1001032
Ion Ratio Lower Upper
252 100
253 22.2 17.9 26.9
125 10.1 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 58.711 ng

RT: 16.62 min Scan# 2470

Delta R.T. 0.01 min

Lab File: BF113277.D

Acq: 25 Mar 2019 13:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

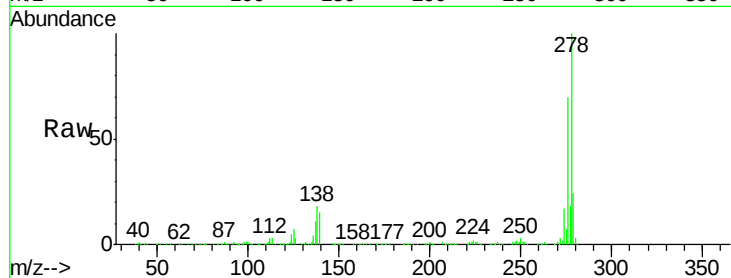
Tot Ion:278 Resp: 892233

Ion Ratio Lower Upper

278 100

139 14.6 12.0 18.0

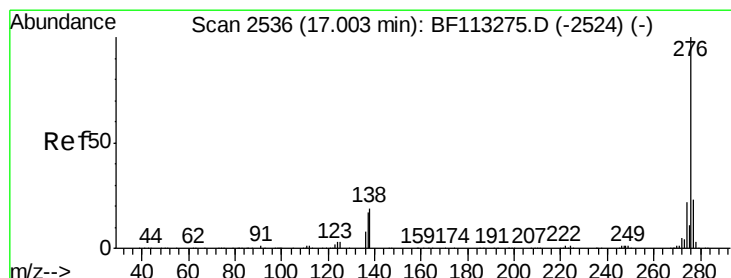
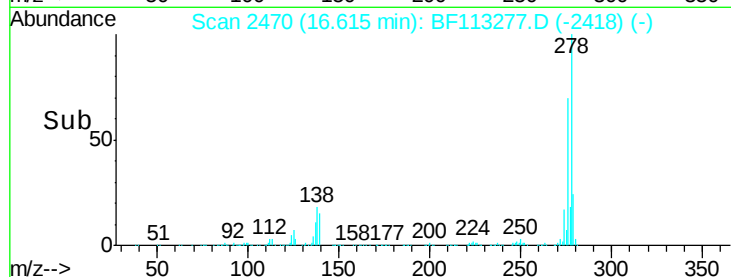
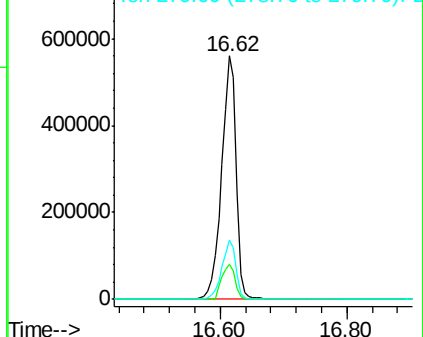
279 24.3 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 59.970 ng

RT: 17.01 min Scan# 2537

Delta R.T. 0.01 min

Lab File: BF113277.D

Acq: 25 Mar 2019 13:32

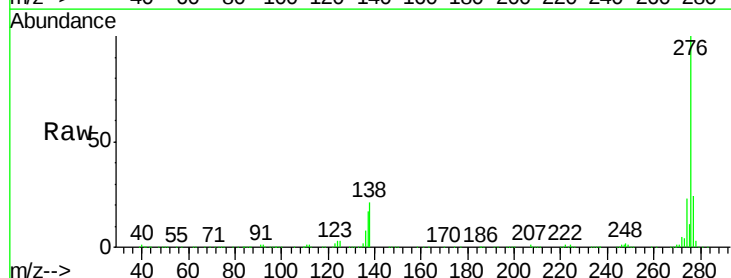
Tgt Ion:276 Resp: 915136

Ion Ratio Lower Upper

276 100

277 24.1 18.8 28.2

138 20.5 15.6 23.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

