

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041819\
 Data File : BF113810.D
 Acq On : 18 Apr 2019 8:36
 Operator : JU/SJ
 Sample : SSTDICC020
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Quant Time: Apr 18 12:56:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF041819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 18 12:50:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	187902	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	743412	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	378054	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	737775	20.00	ng	0.00
76) Chrysene-d12	14.04	240	654968	20.00	ng	0.00
87) Perylene-d12	15.51	264	540442	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.50	112	483179	43.85	ng	0.00
7) Phenol-d6	6.51	99	607034	44.70	ng	0.00
23) Nitrobenzene-d5	7.45	82	494759	38.98	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	179451	39.51	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1081401	46.05	ng	0.00
79) Terphenyl-d14	12.99	244	1326898	41.25	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.70	88	114874	22.011	ng	98
3) Pyridine	3.45	79	315549	23.104	ng	99
4) n-Nitrosodimethylamine	3.39	42	107592	18.541	ng	99
6) Aniline	6.55	93	414822	25.199	ng	99
8) 2-Chlorophenol	6.67	128	270514	21.218	ng	98
9) Benzaldehyde	6.44	77	202920	25.128	ng	97
10) Phenol	6.52	94	336963	21.724	ng	96
11) bis(2-Chloroethyl)ether	6.62	93	271461	22.498	ng	99
12) 1,3-Dichlorobenzene	6.83	146	301314	21.946	ng	98
13) 1,4-Dichlorobenzene	6.91	146	304379	21.938	ng	98
14) 1,2-Dichlorobenzene	7.07	146	288839	23.064	ng	98
15) Benzyl Alcohol	7.03	79	241243	26.271	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.17	45	329432	17.541	ng	100
17) 2-Methylphenol	7.13	107	215207	21.782	ng	98
18) Hexachloroethane	7.41	117	105202	20.832	ng	92
19) n-Nitroso-di-n-propylamine	7.30	70	198771	23.735	ng	97
20) 3+4-Methylphenols	7.29	107	277040	23.142	ng	95
22) Acetophenone	7.30	105	368580	22.574	ng	99
24) Nitrobenzene	7.47	77	282705	21.630	ng	99
25) Isophorone	7.71	82	516583	21.129	ng	99
26) 2-Nitrophenol	7.79	139	97254	13.825	ng	95
27) 2,4-Dimethylphenol	7.82	122	216749	21.553	ng	98
28) bis(2-Chloroethoxy)methane	7.92	93	338206	21.880	ng	99
29) 2,4-Dichlorophenol	8.02	162	231640	21.528	ng	100
30) 1,2,4-Trichlorobenzene	8.12	180	261268	22.360	ng	99
31) Naphthalene	8.20	128	778412	21.611	ng	99
32) Benzoic acid	7.90	122	104378	13.404	ng	95
33) 4-Chloroaniline	8.24	127	317082	22.201	ng	97
34) Hexachlorobutadiene	8.32	225	158739	22.283	ng	98
35) Caprolactam	8.58	113	73206	21.433	ng	99
36) 4-Chloro-3-methylphenol	8.71	107	229438	21.242	ng	99
37) 2-Methylnaphthalene	8.89	142	510031	21.529	ng	100
38) 1-Methylnaphthalene	8.99	142	494116	21.630	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	260592	21.314	ng	99

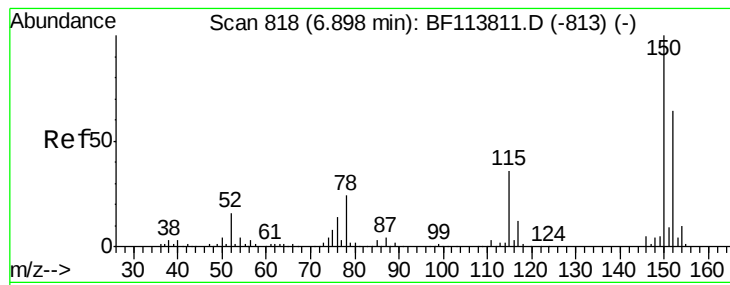
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41) Hexachlorocyclopentadiene	9.05	237	136860	37.681	ng	99
43) 2,4,6-Trichlorophenol	9.16	196	157171	20.365	ng	99
44) 2,4,5-Trichlorophenol	9.19	196	175553	21.188	ng	98
46) 1,1'-Biphenyl	9.35	154	636583	20.406	ng	99
47) 2-Chloronaphthalene	9.37	162	512716	21.707	ng	99
48) 2-Nitroaniline	9.46	65	115836	16.027	ng	87
49) Acenaphthylene	9.79	152	821652	21.392	ng	97
50) Dimethylphthalate	9.65	163	572871	20.557	ng	99
51) 2,6-Dinitrotoluene	9.70	165	117214	19.081	ng	99
52) Acenaphthene	9.96	154	472617	21.496	ng	100
53) 3-Nitroaniline	9.87	138	125596	17.983	ng	97
54) 2,4-Dinitrophenol	9.97	184	27063	9.417	ng	# 1
55) Dibenzofuran	10.13	168	713361	22.119	ng	100
56) 4-Nitrophenol	10.01	139	100403	23.175	ng	87
57) 2,4-Dinitrotoluene	10.10	165	138629	18.660	ng	99
58) Fluorene	10.47	166	546165	21.411	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.25	232	147742	20.600	ng	99
60) Diethylphthalate	10.35	149	546512	20.340	ng	98
61) 4-Chlorophenyl-phenylether	10.47	204	278280	22.179	ng	97
62) 4-Nitroaniline	10.47	138	118659	16.708	ng	98
63) Azobenzene	10.63	77	574891	22.598	ng	98
65) 4,6-Dinitro-2-methylphenol	10.51	198	45030	11.594	ng	98
66) n-Nitrosodiphenylamine	10.58	169	480854	21.230	ng	98
67) 4-Bromophenyl-phenylether	10.96	248	184214	22.263	ng	96
68) Hexachlorobenzene	11.03	284	202128	21.319	ng	95
69) Atrazine	11.10	200	155305	21.755	ng	97
70) Pentachlorophenol	11.21	266	108451	24.275	ng	97
71) Phenanthrene	11.43	178	833553	22.737	ng	99
72) Anthracene	11.49	178	844904	22.652	ng	99
73) Carbazole	11.63	167	768698	22.035	ng	100
74) Di-n-butylphthalate	11.97	149	849208	20.463	ng	99
75) Fluoranthene	12.62	202	900722	22.928	ng	97
77) Benzidine	12.73	184	441743	18.137	ng	98
78) Pyrene	12.85	202	919568	18.452	ng	98
80) Butylbenzylphthalate	13.46	149	324022	15.973	ng	93
81) Benzo(a)anthracene	14.03	228	824459	21.821	ng	99
82) 3,3'-Dichlorobenzidine	13.99	252	311403	21.399	ng	98
83) Chrysene	14.07	228	805358	21.027	ng	99
84) Bis(2-ethylhexyl)phthalate	14.03	149	419996	17.124	ng	# 98
85) Di-n-octyl phthalate	14.64	149	661365	16.589	ng	99
86) Indeno(1,2,3-cd)pyrene	16.97	276	549885	15.550	ng	99
88) Benzo(b)fluoranthene	15.08	252	701272	21.198	ng	99
89) Benzo(k)fluoranthene	15.11	252	681851	22.966	ng	99
90) Benzo(a)pyrene	15.44	252	619203	21.064	ng	99
91) Dibenzo(a,h)anthracene	17.00	278	455896	16.584	ng	99
92) Benzo(g,h,i)perylene	17.42	276	430149	15.330	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.89 min Scan# 817

Delta R.T. -0.01 min

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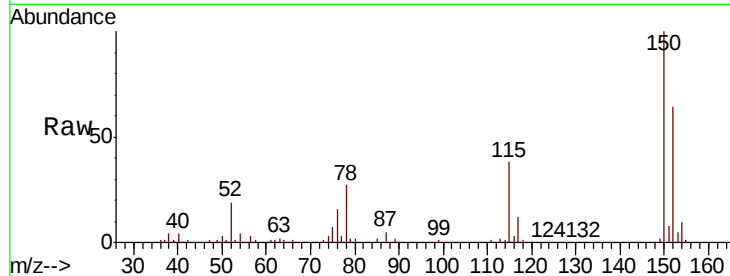
Tot Ion:152 Resp: 187902

Ion Ratio Lower Upper

152 100

150 155.7 125.9 188.9

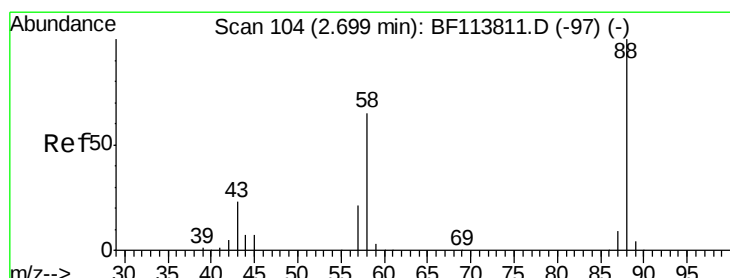
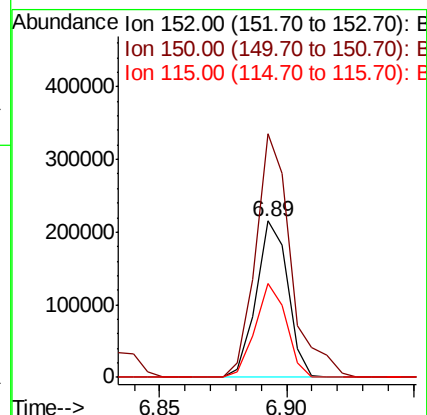
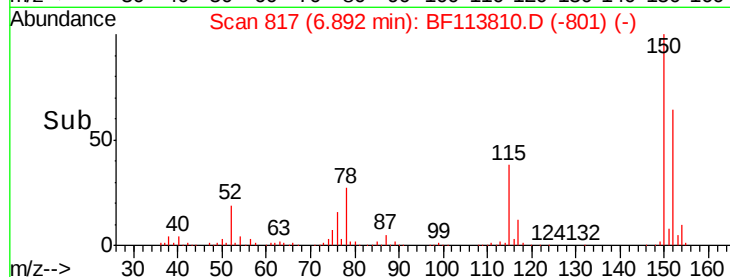
115 59.9 45.9 68.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 22.011 ng

RT: 2.70 min Scan# 105

Delta R.T. 0.01 min

Lab File: BF113810.D

Acq: 18 Apr 2019 8:36

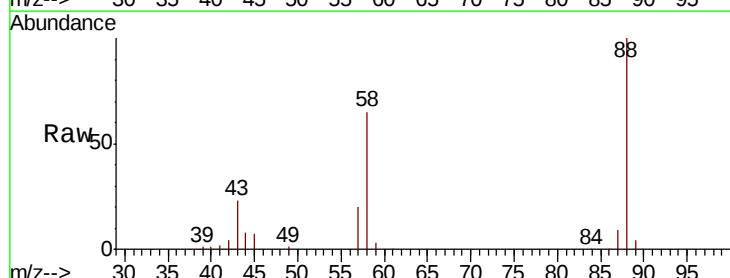
Tgt Ion: 88 Resp: 114874

Ion Ratio Lower Upper

88 100

58 65.1 53.3 79.9

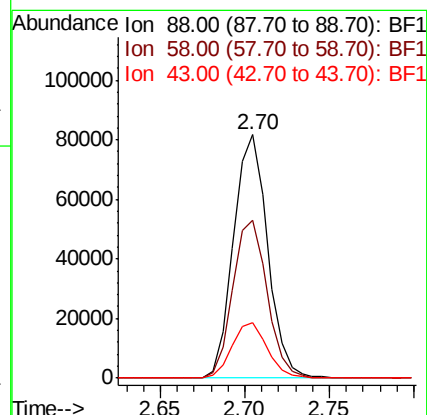
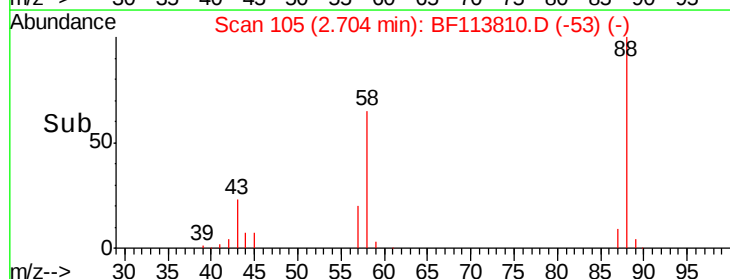
43 23.4 19.0 28.4

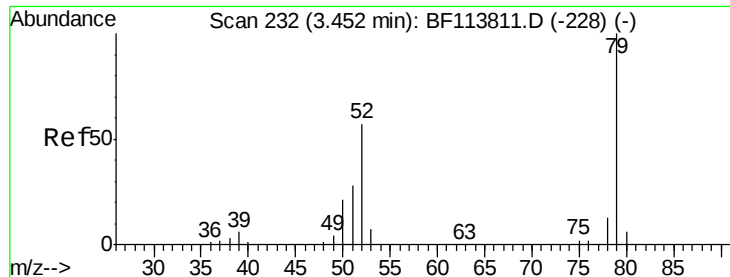


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 23.104 ng

RT: 3.45 min Scan# 232

Delta R.T. -0.00 min

Lab File: BF113810.D

Acq: 18 Apr 2019 8:36

Instrument :

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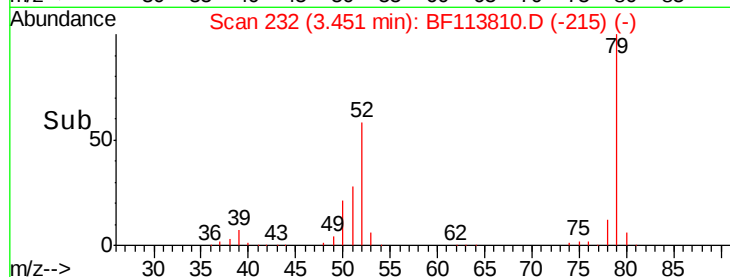
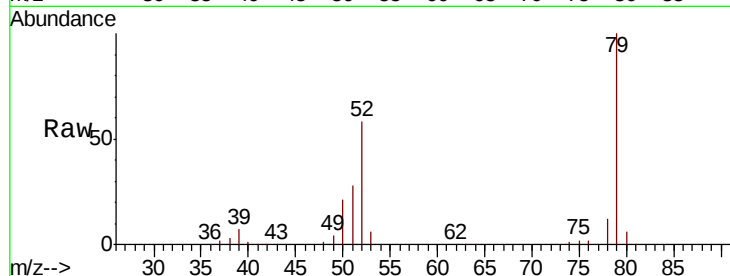
Tot Ion: 79 Resp: 315549

Ion Ratio Lower Upper

79 100

52 57.7 45.3 67.9

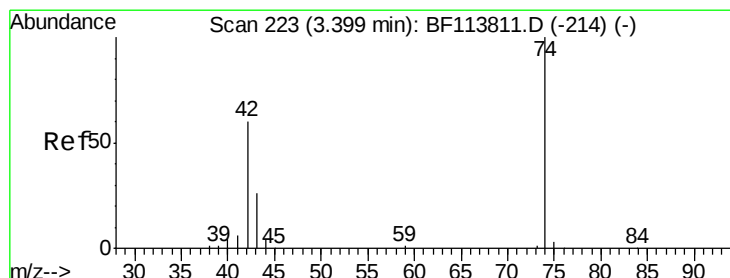
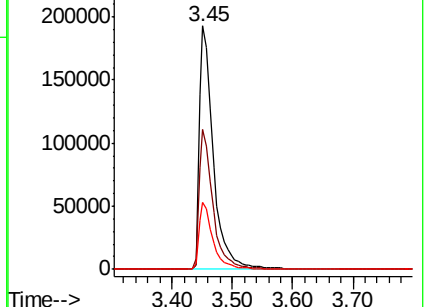
51 27.6 22.1 33.1



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 18.541 ng

RT: 3.39 min Scan# 222

Delta R.T. -0.01 min

Lab File: BF113810.D

Acq: 18 Apr 2019 8:36

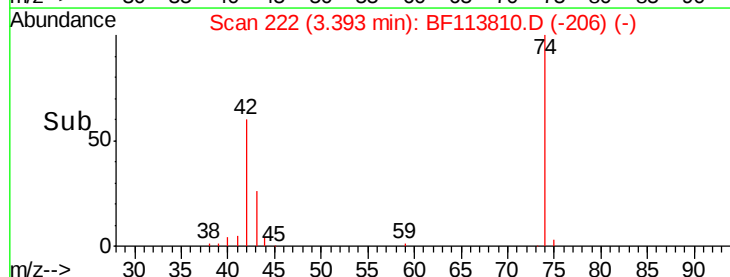
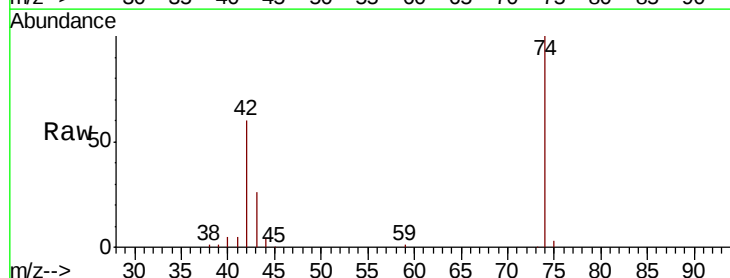
Tgt Ion: 42 Resp: 107592

Ion Ratio Lower Upper

42 100

74 167.2 132.6 198.8

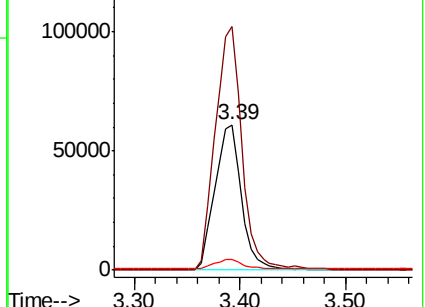
44 7.5 5.8 8.8

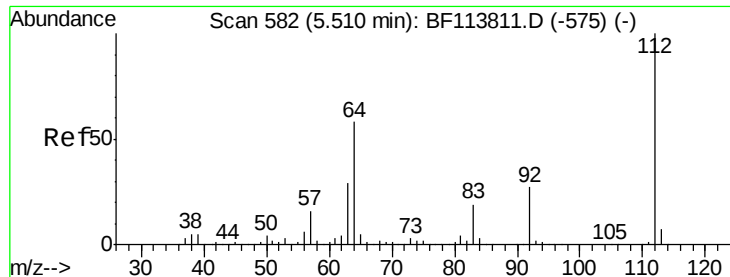


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 43.849 ng

RT: 5.50 min Scan# 581

Delta R.T. -0.01 min

Lab File: BF113810.D

Acq: 18 Apr 2019 8:36

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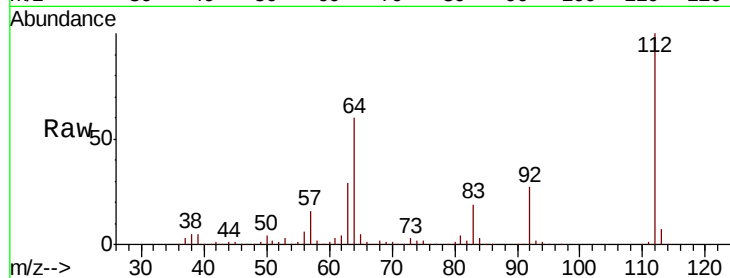
Tot Ion:112 Resp: 483179

Ion Ratio Lower Upper

112 100

64 59.6 46.6 69.8

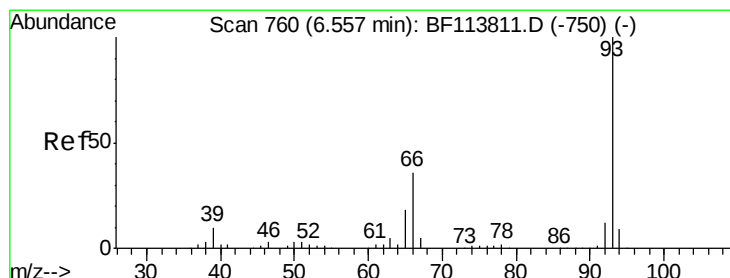
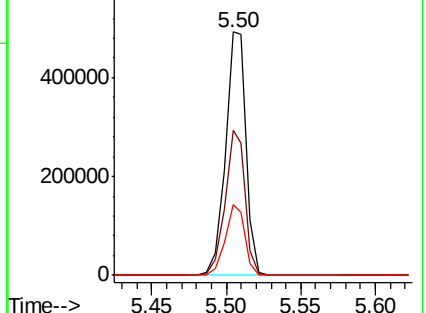
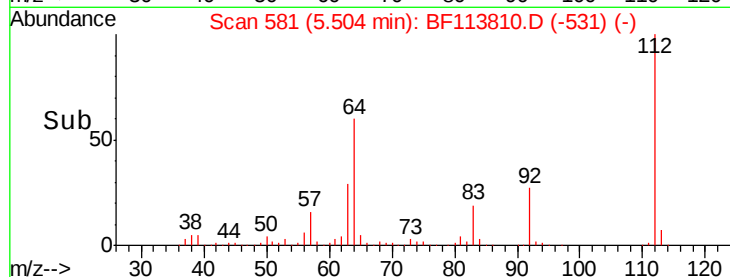
63 29.0 23.1 34.7



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: 25.199 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF113810.D

Acq: 18 Apr 2019 8:36

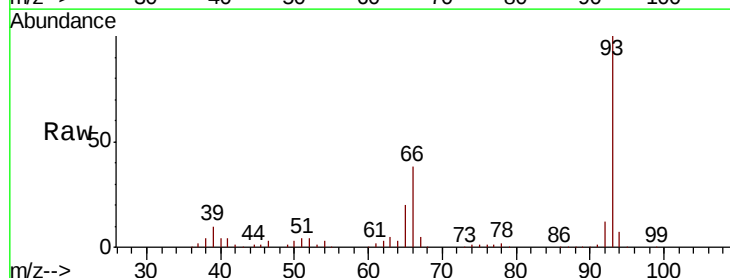
Tgt Ion: 93 Resp: 414822

Ion Ratio Lower Upper

93 100

66 37.7 29.8 44.6

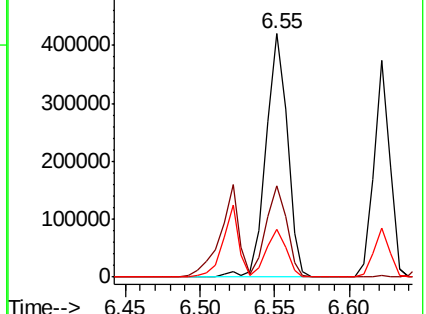
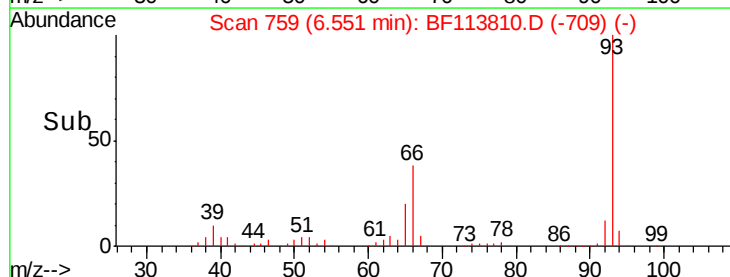
65 19.6 14.9 22.3

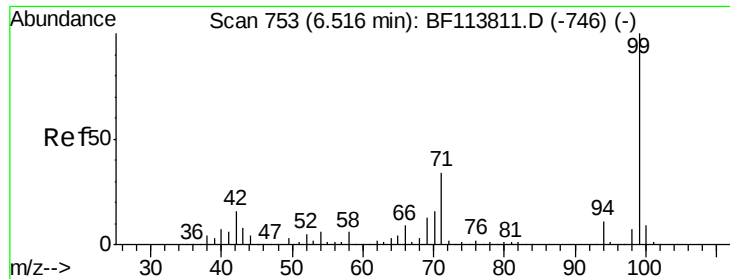


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 44.697 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

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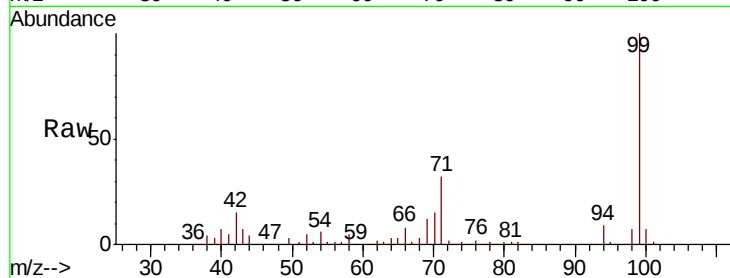
Tot Ion: 99 Resp: 607034

Ion Ratio Lower Upper

99 100

42 14.8 12.5 18.7

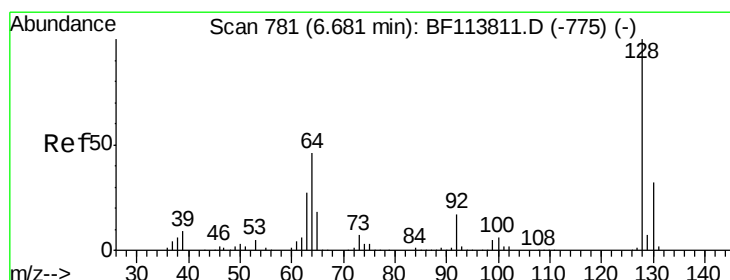
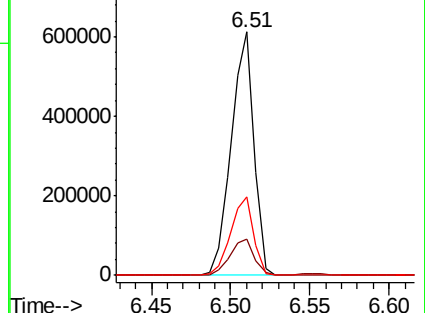
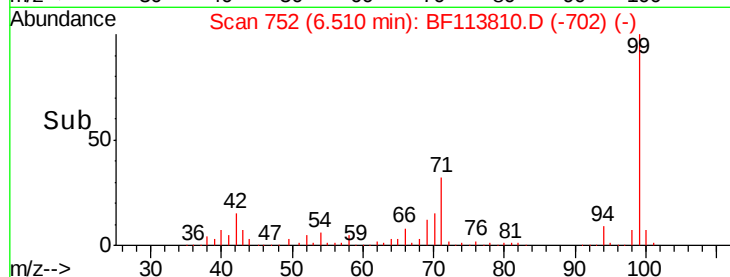
71 32.3 26.9 40.3



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: 21.218 ng

RT: 6.67 min Scan# 780

Delta R.T. -0.01 min

Lab File: BF113810.D

Acq: 18 Apr 2019 8:36

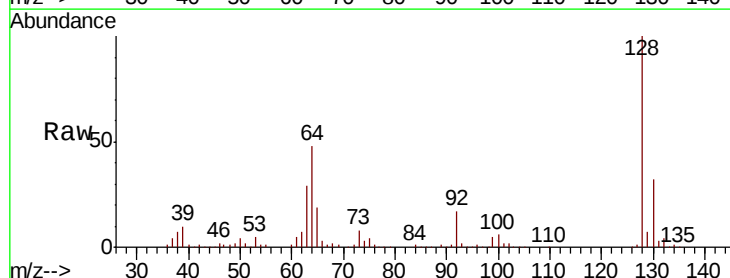
Tgt Ion:128 Resp: 270514

Ion Ratio Lower Upper

128 100

130 32.1 12.3 52.3

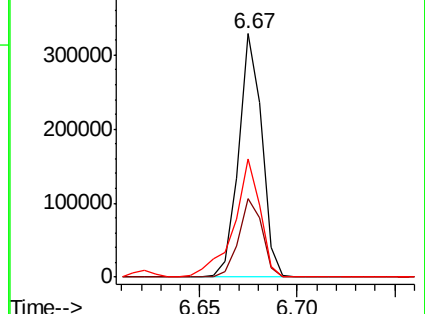
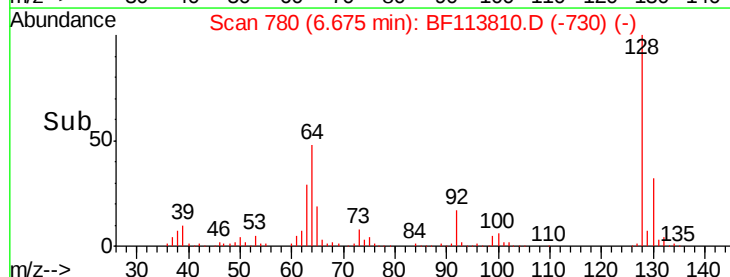
64 48.3 26.1 66.1

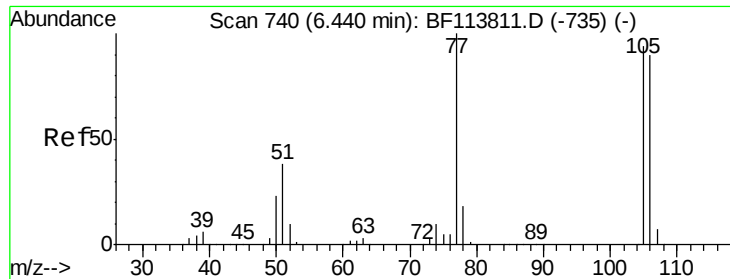


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 25.128 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.00 min

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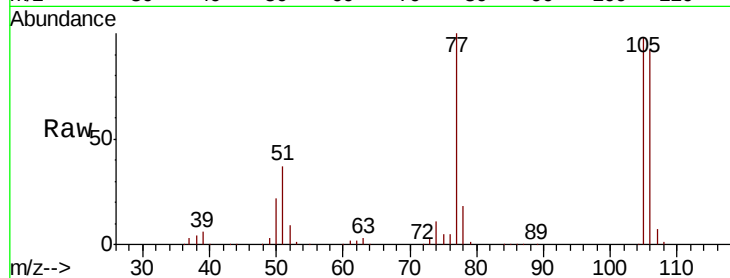
Tot Ion: 77 Resp: 202920

Ion Ratio Lower Upper

77 100

105 98.5 74.1 114.1

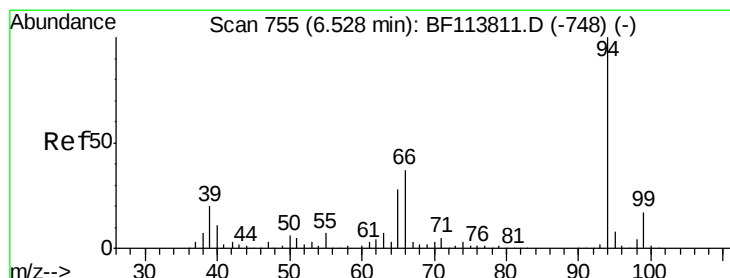
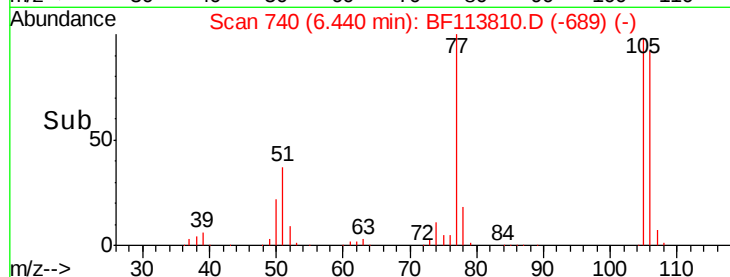
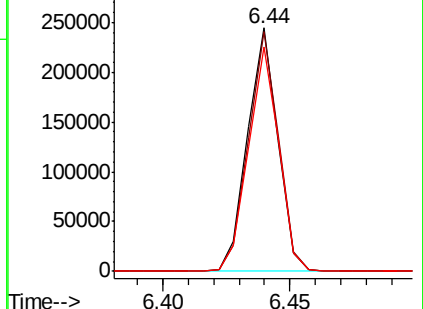
106 92.3 70.3 110.3



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: 21.724 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF113810.D

Acq: 18 Apr 2019 8:36

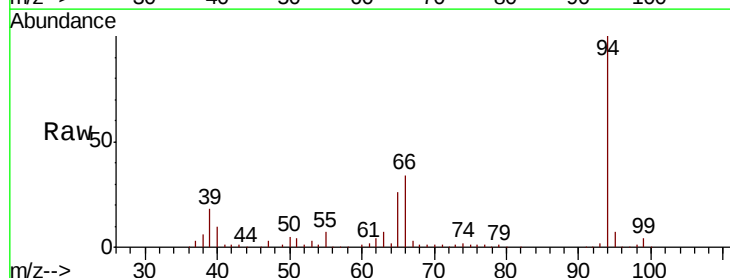
Tgt Ion: 94 Resp: 336963

Ion Ratio Lower Upper

94 100

65 26.4 8.1 48.1

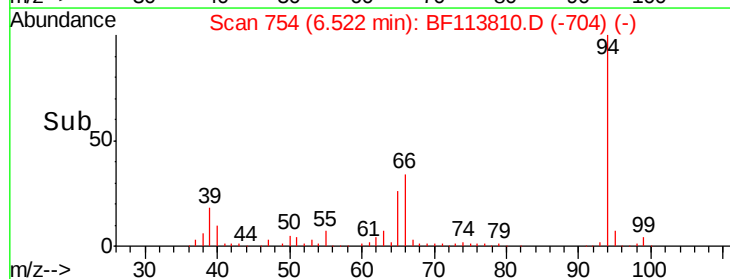
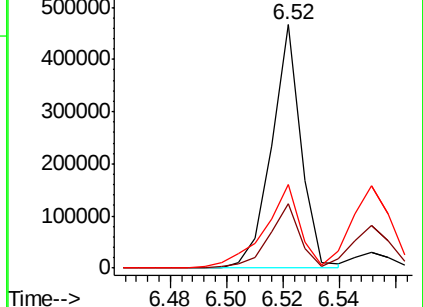
66 34.2 16.6 56.6

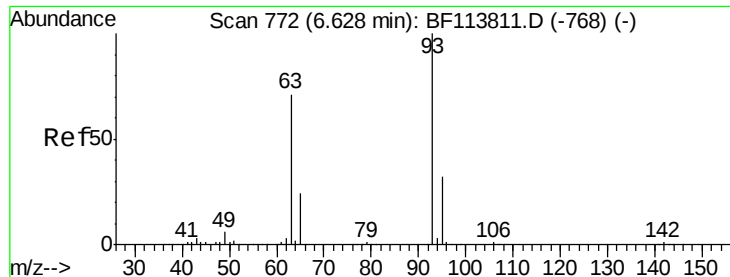


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 22.498 ng

RT: 6.62 min Scan# 771

Delta R.T. -0.01 min

Lab File: BF113810.D

Acq: 18 Apr 2019 8:36

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

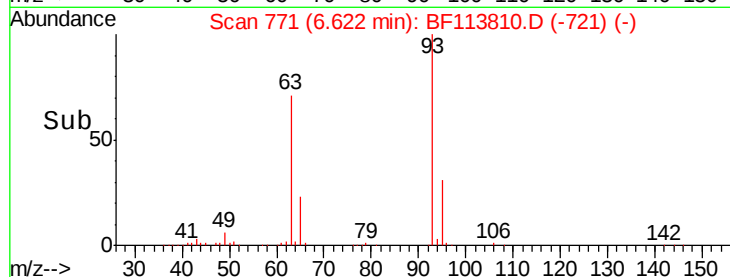
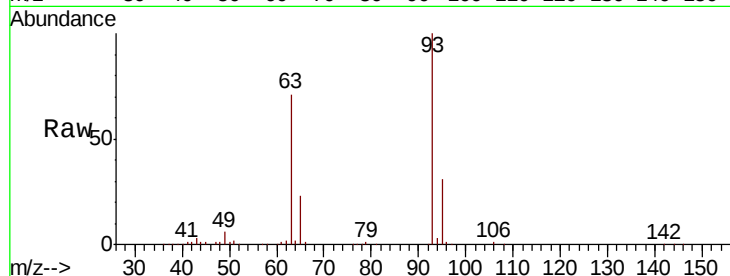
Tot Ion: 93 Resp: 271461

Ion Ratio Lower Upper

93 100

63 70.7 50.7 90.7

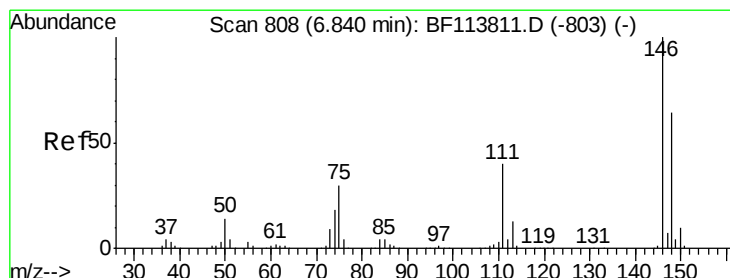
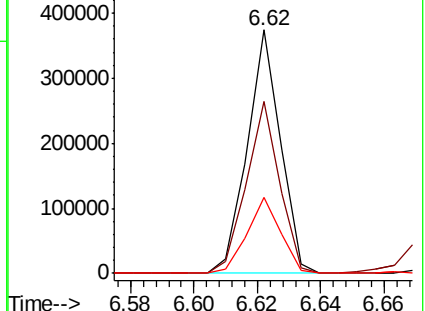
95 31.4 12.3 52.3



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 21.946 ng

RT: 6.83 min Scan# 807

Delta R.T. -0.01 min

Lab File: BF113810.D

Acq: 18 Apr 2019 8:36

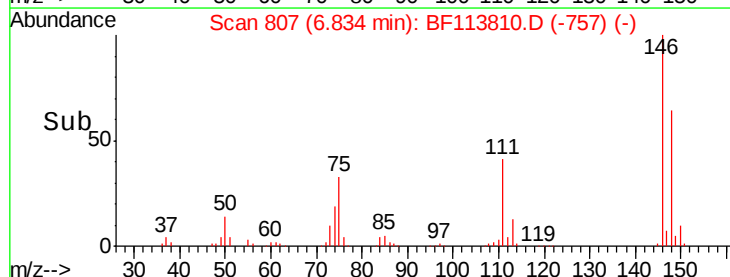
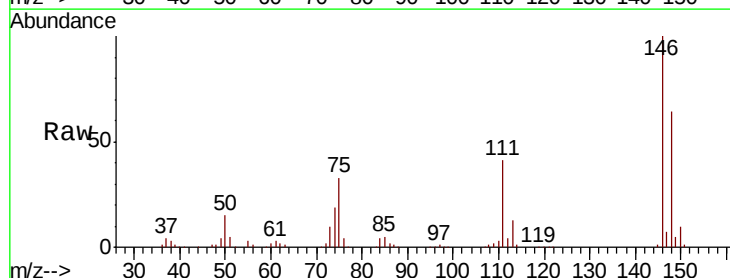
Tgt Ion: 146 Resp: 301314

Ion Ratio Lower Upper

146 100

148 63.8 51.0 76.6

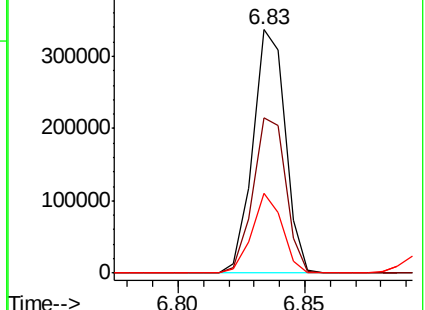
75 33.0 23.8 35.8

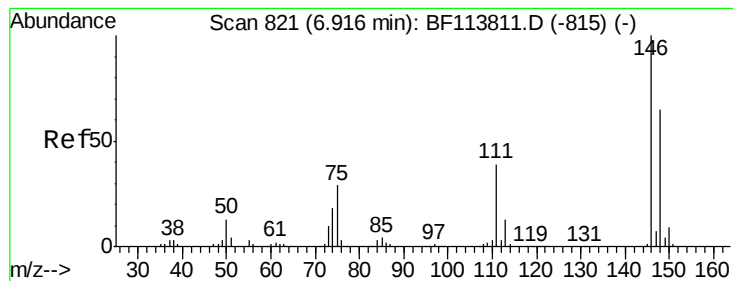


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 21.938 ng

RT: 6.91 min Scan# 820

Delta R.T. -0.01 min

Lab File: BF113810.D

Acq: 18 Apr 2019 8:36

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

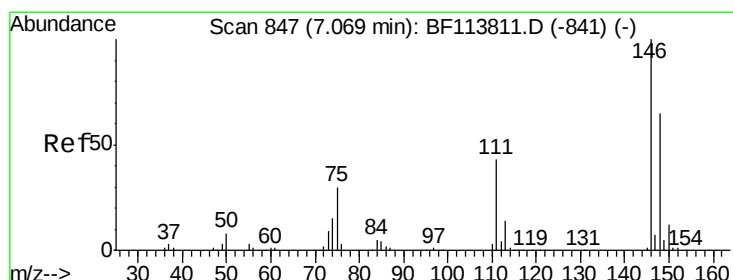
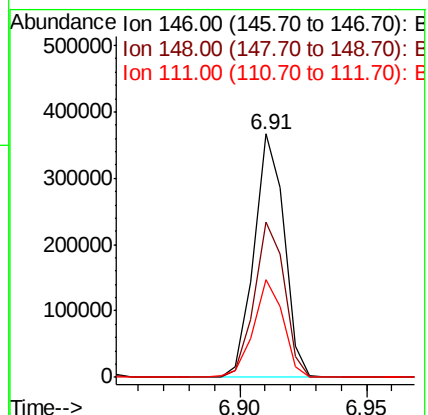
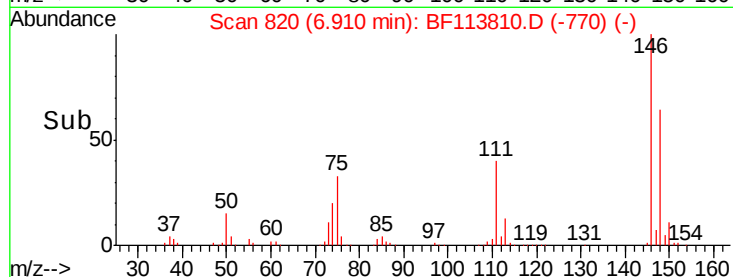
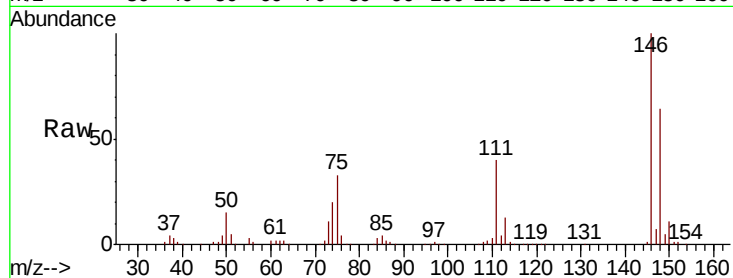
Tot Ion:146 Resp: 304379

Ion Ratio Lower Upper

146 100

148 63.9 51.8 77.8

111 40.4 30.9 46.3



#14

1,2-Dichlorobenzene

Concen: 23.064 ng

RT: 7.07 min Scan# 847

Delta R.T. -0.00 min

Lab File: BF113810.D

Acq: 18 Apr 2019 8:36

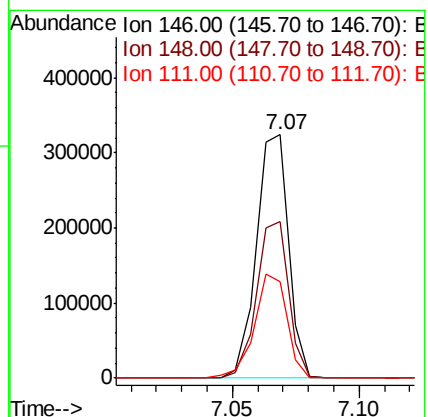
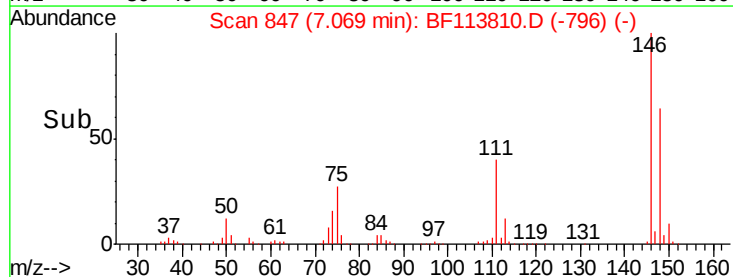
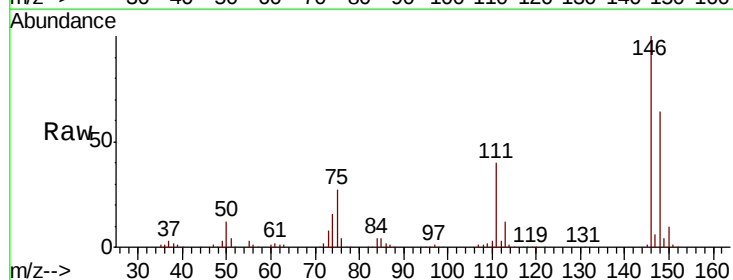
Tgt Ion:146 Resp: 288839

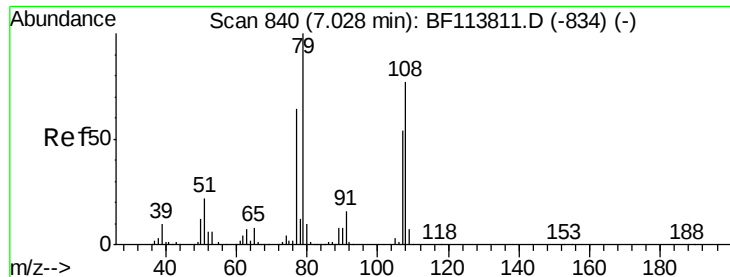
Ion Ratio Lower Upper

146 100

148 64.4 52.1 78.1

111 39.7 34.2 51.4





#15

Benzyl Alcohol

Concen: 26.271 ng

RT: 7.03 min Scan# 840

Delta R.T. -0.00 min

Lab File: BF113810.D

Acq: 18 Apr 2019 8:36

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

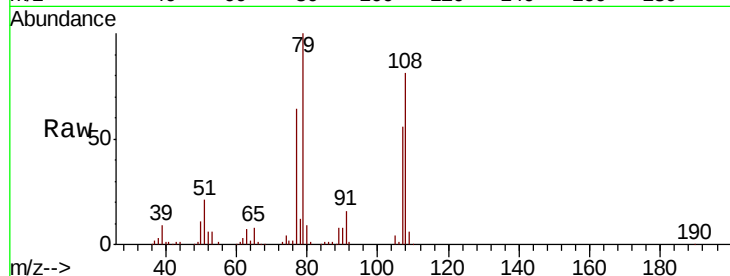
Tot Ion: 79 Resp: 241243

Ion Ratio Lower Upper

79 100

108 80.9 61.4 92.0

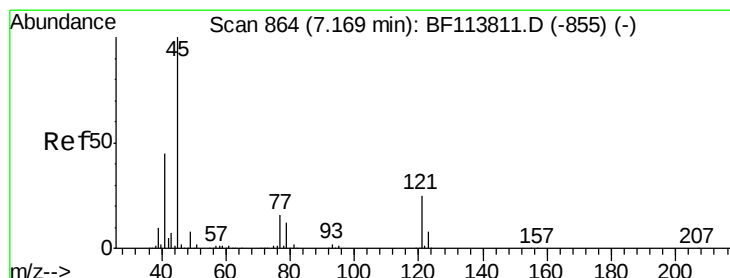
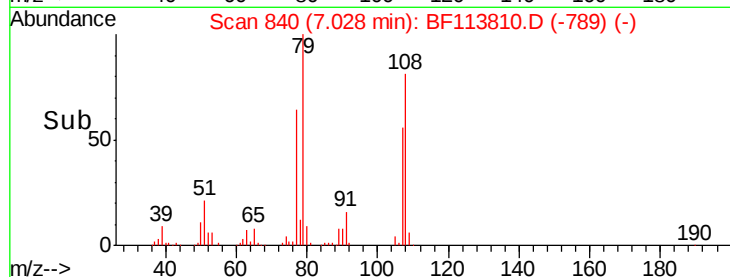
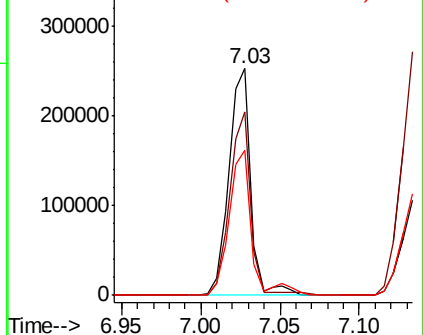
77 63.9 51.6 77.4



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 17.541 ng

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: BF113810.D

Acq: 18 Apr 2019 8:36

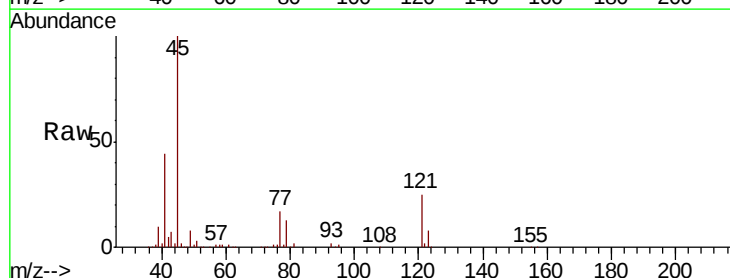
Tgt Ion: 45 Resp: 329432

Ion Ratio Lower Upper

45 100

77 16.8 0.0 37.0

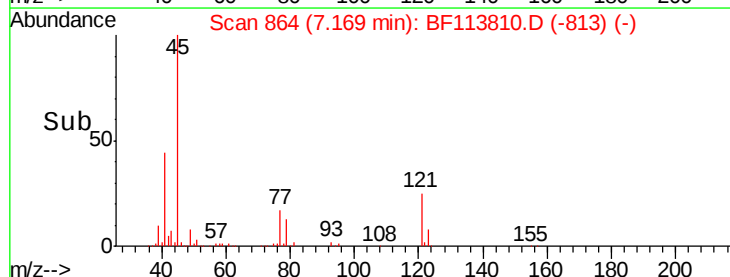
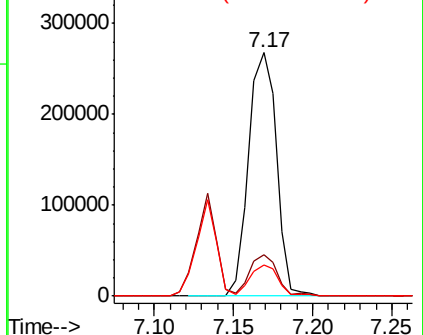
79 12.7 0.0 32.7

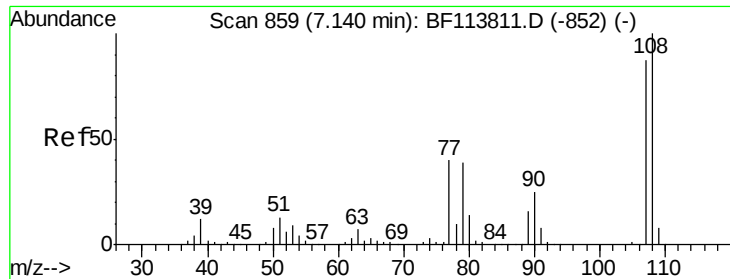


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

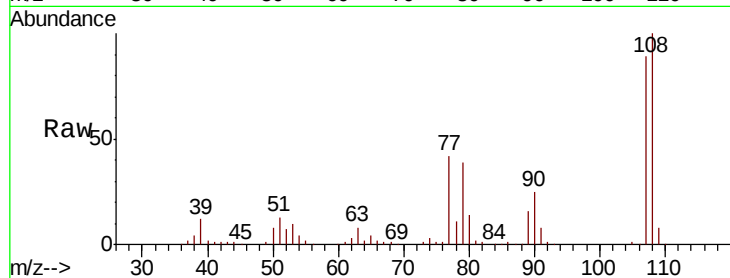




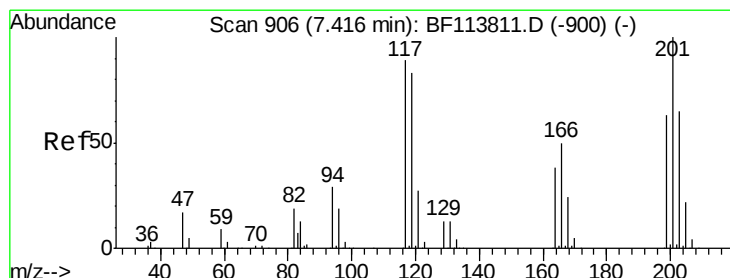
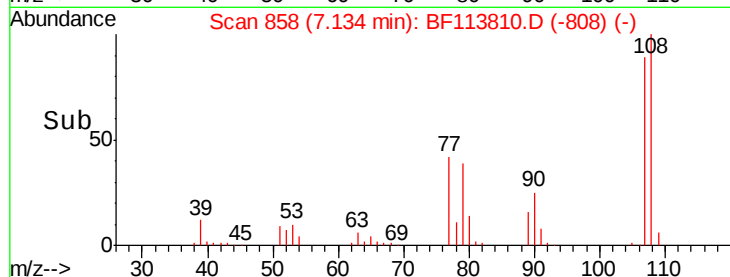
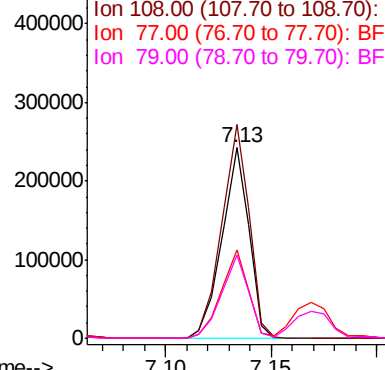
#17
2-Methylphenol
Concen: 21.782 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF113810.D
Acq: 18 Apr 2019 8:36

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion:	107	Resp:	215207
Ion	Ratio	Lower	Upper
107	100		
108	112.1	91.5	137.3
77	46.6	36.2	54.4
79	43.8	35.4	53.0

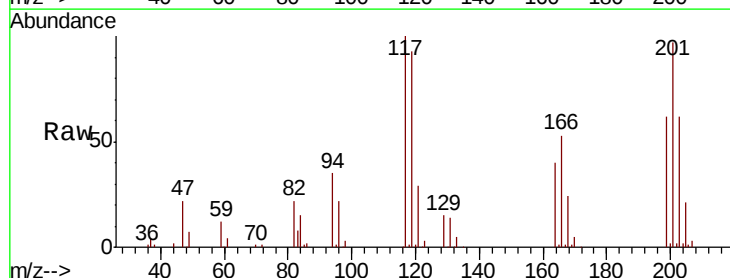


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

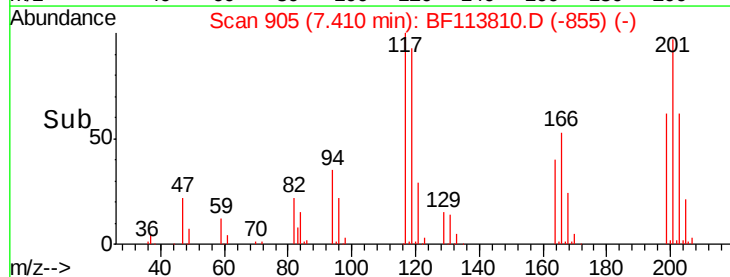
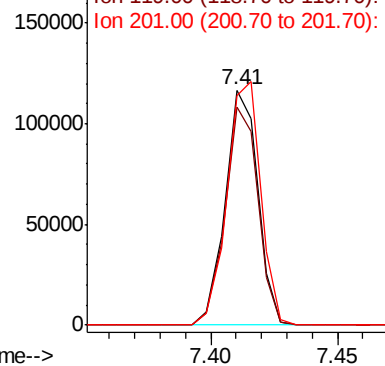


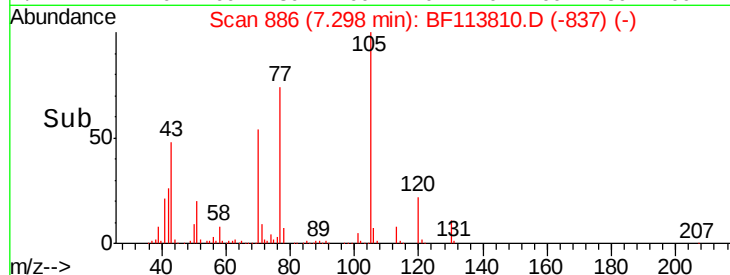
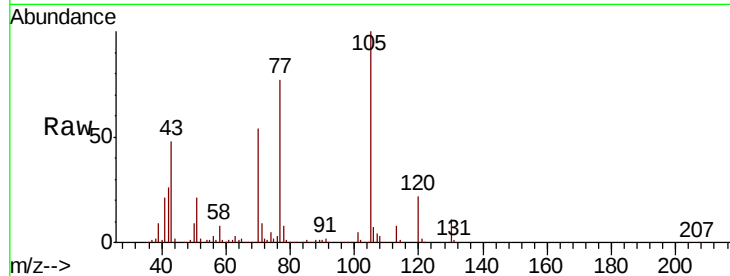
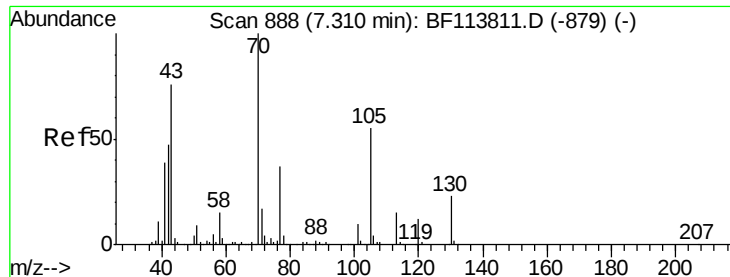
#18
Hexachloroethane
Concen: 20.832 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF113810.D
Acq: 18 Apr 2019 8:36

Tgt Ion:	117	Resp:	105202
Ion	Ratio	Lower	Upper
117	100		
119	92.6	74.4	111.6
201	97.4	90.2	135.2



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

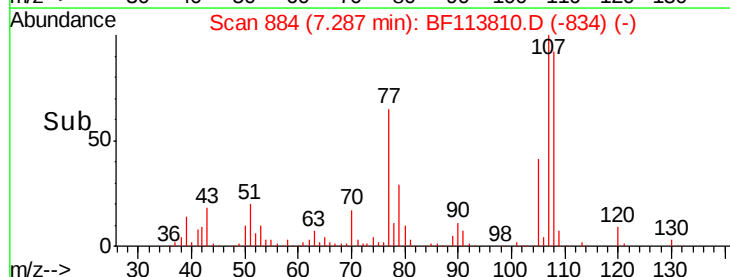
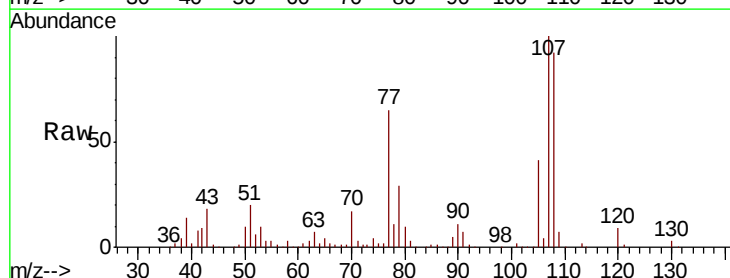
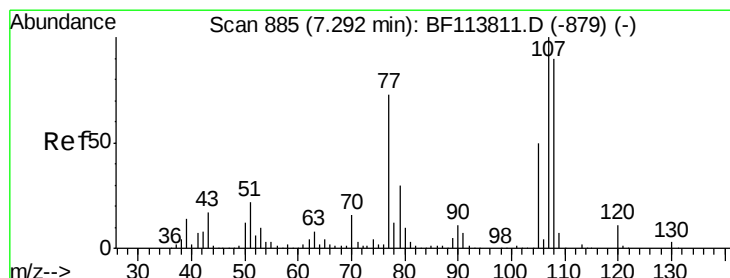
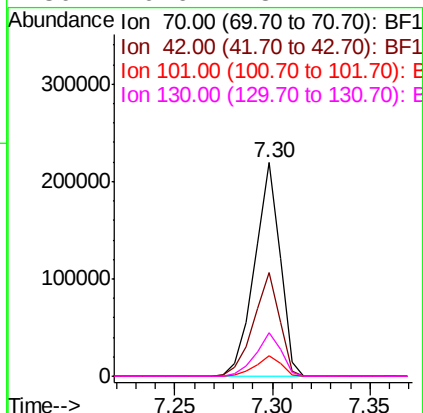




#19
n-Nitroso-di-n-propylamine
Concen: 23.735 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF113810.D
Acq: 18 Apr 2019 8:36

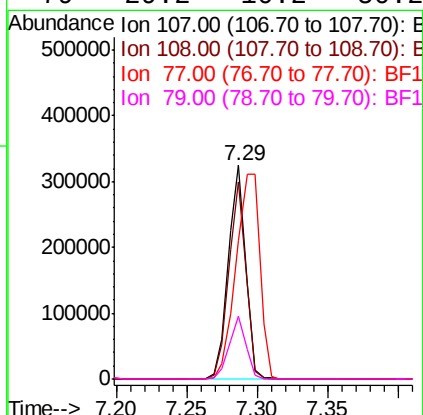
Instrument :
BNA_F
ClientSampleId :
SSTDIC020

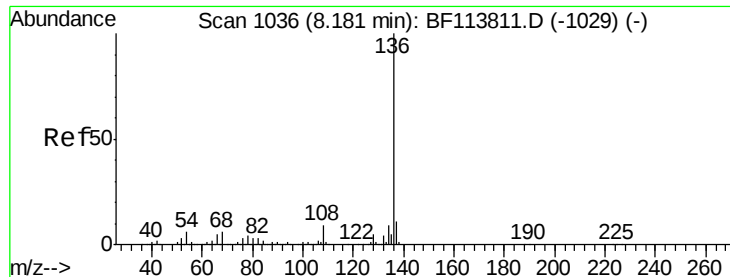
Tot Ion: 70 Resp: 198771
Ion Ratio Lower Upper
70 100
42 48.7 37.3 55.9
101 9.4 7.8 11.8
130 20.6 18.2 27.2



#20
3+4-Methylphenols
Concen: 23.142 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF113810.D
Acq: 18 Apr 2019 8:36

Tgt Ion: 107 Resp: 277040
Ion Ratio Lower Upper
107 100
108 92.3 70.1 110.1
77 65.0 52.9 92.9
79 29.2 10.2 50.2

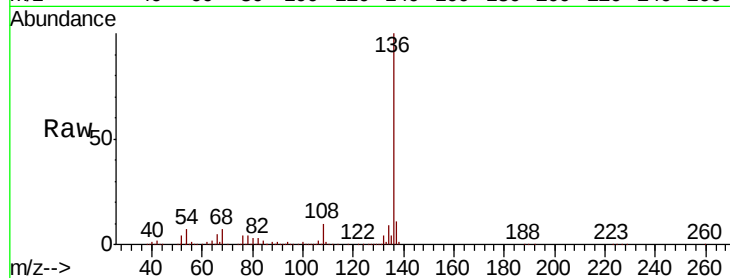




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF113810.D
Acq: 18 Apr 2019 8:36

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion:136	Resp:	743412
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.6 12.8
54	7.0	5.0 7.6
68	6.7	4.9 7.3



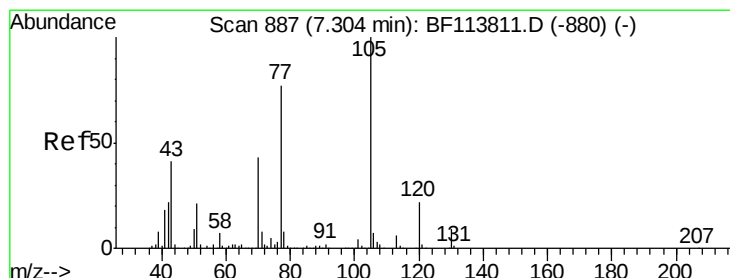
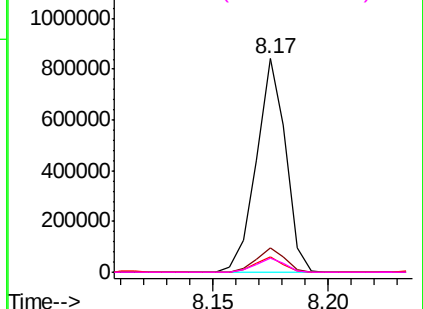
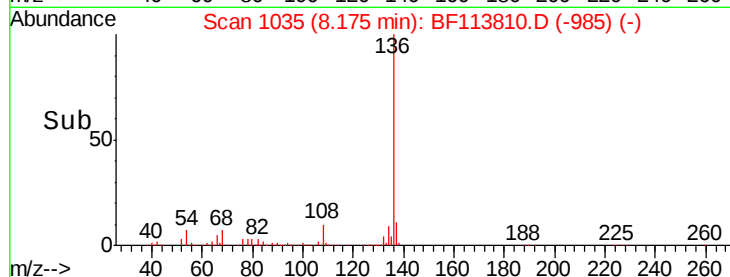
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

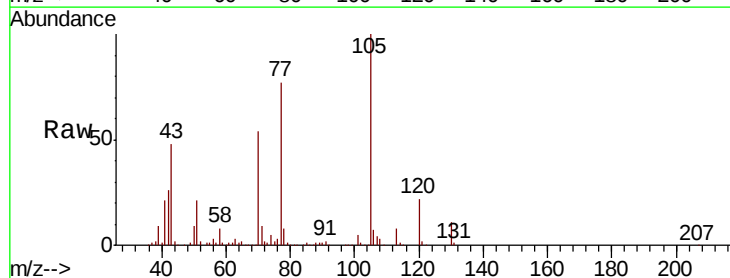
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 22.574 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF113810.D
Acq: 18 Apr 2019 8:36

Tgt Ion:105	Resp:	368580
Ion Ratio	Lower	Upper
105	100	
71	8.8	6.1 9.1
51	21.0	16.8 25.2
120	21.8	17.6 26.4



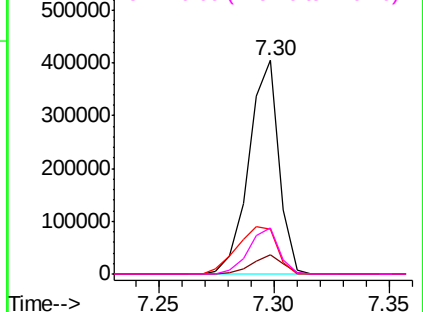
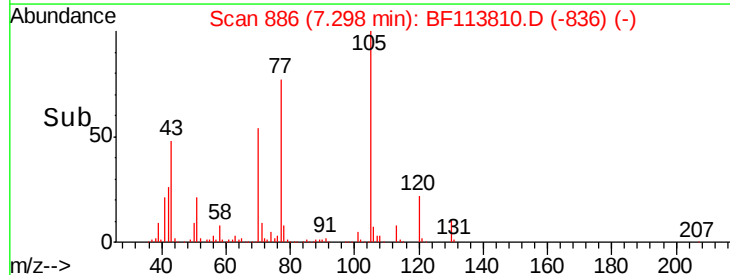
Abundance

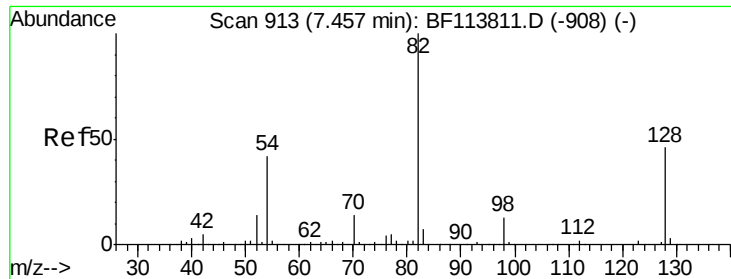
Ion 105.00 (104.70 to 105.70): E

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

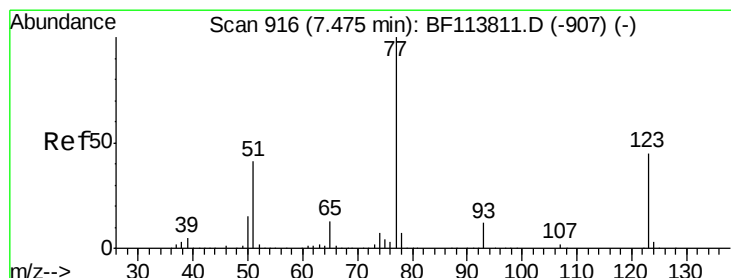
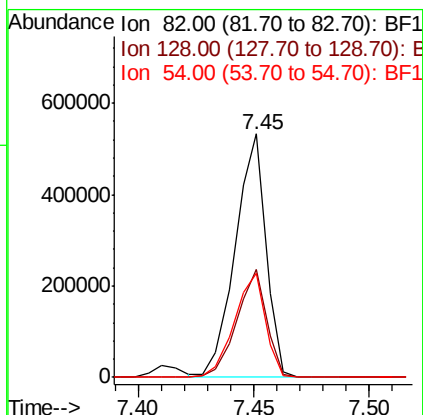
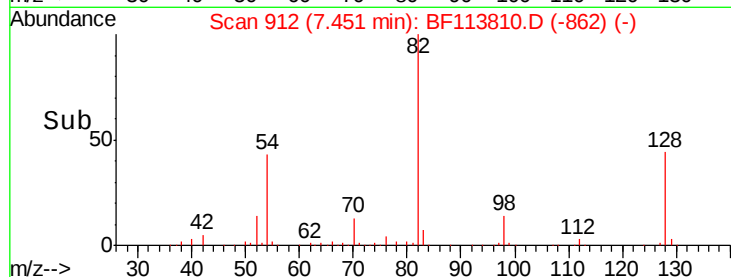
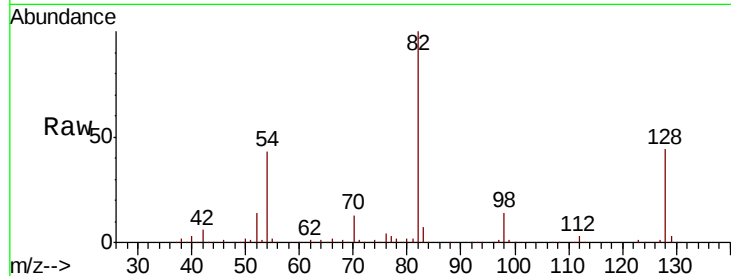




#23
 Nitrobenzene-d5
 Concen: 38.983 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF113810.D
 Acq: 18 Apr 2019 8:36

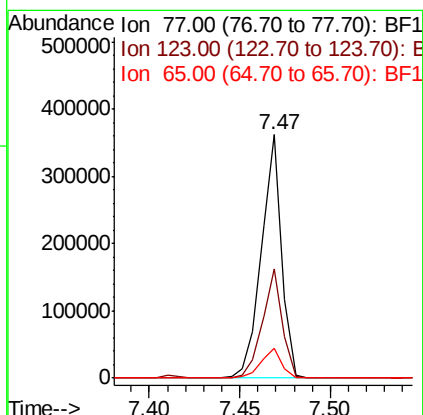
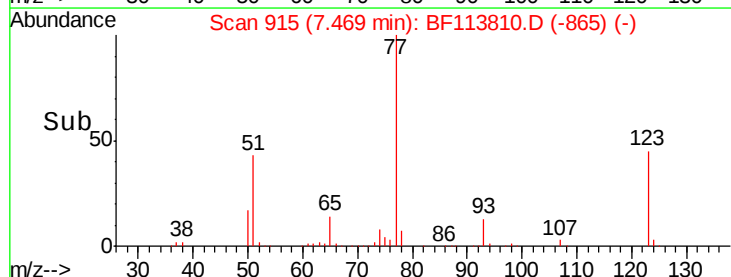
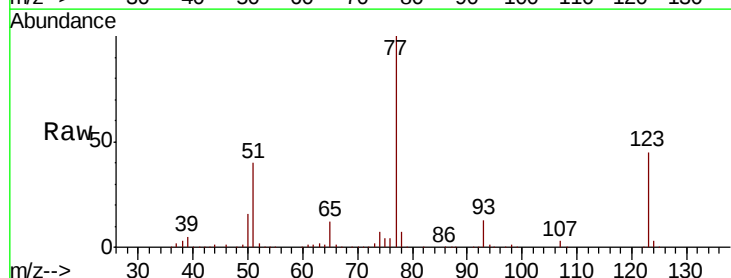
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

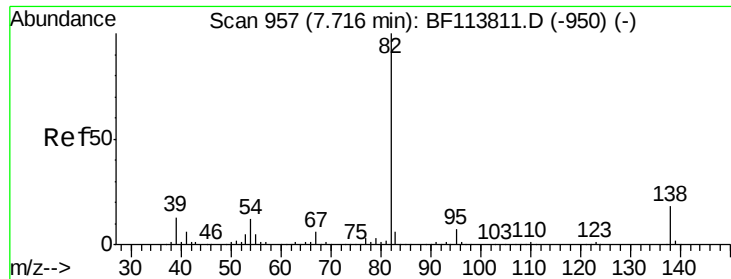
Tot Ion	82	Resp	494759
Ion Ratio	100	Lower	Upper
128	44.4	36.8	55.2
54	42.6	33.8	50.6



#24
 Nitrobenzene
 Concen: 21.630 ng
 RT: 7.47 min Scan# 915
 Delta R.T. -0.01 min
 Lab File: BF113810.D
 Acq: 18 Apr 2019 8:36

Tgt Ion	77	Resp	282705
Ion Ratio	100	Lower	Upper
123	44.9	36.3	54.5
65	12.4	10.3	15.5





#25

Isophorone

Concen: 21.129 ng

RT: 7.71 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF113810.D

Acq: 18 Apr 2019 8:36

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

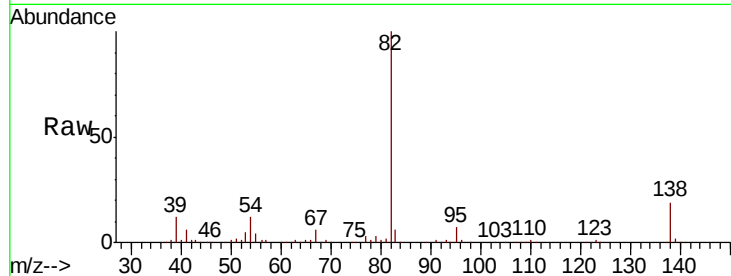
Tot Ion: 82 Resp: 516583

Ion Ratio Lower Upper

82 100

95 6.5 5.4 8.2

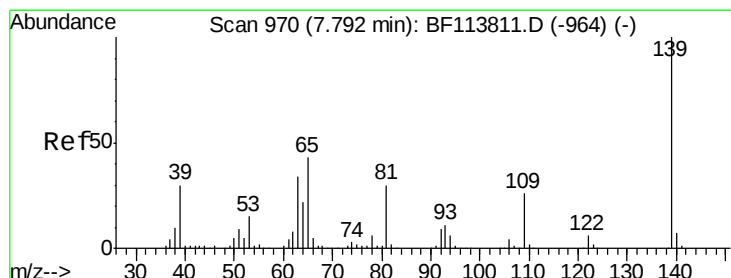
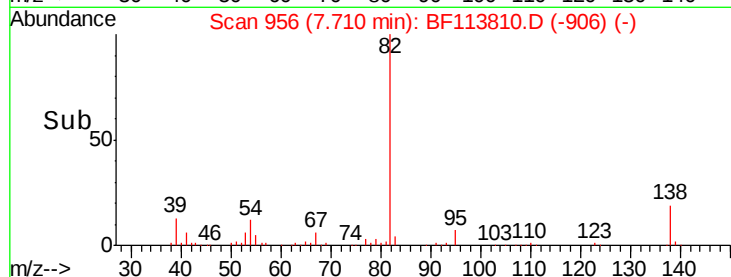
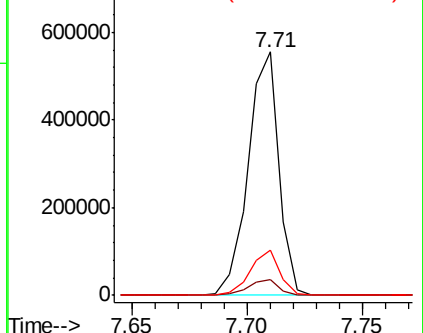
138 18.7 14.6 22.0



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 13.825 ng

RT: 7.79 min Scan# 969

Delta R.T. -0.01 min

Lab File: BF113810.D

Acq: 18 Apr 2019 8:36

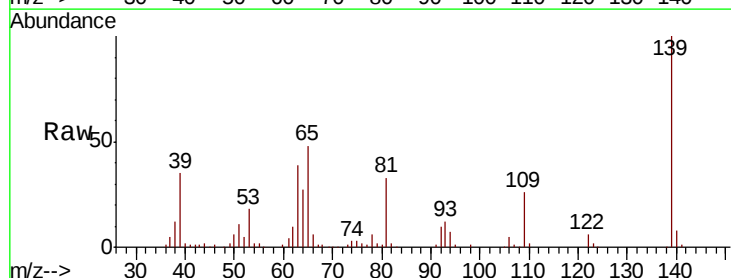
Tgt Ion: 139 Resp: 97254

Ion Ratio Lower Upper

139 100

109 26.3 20.6 31.0

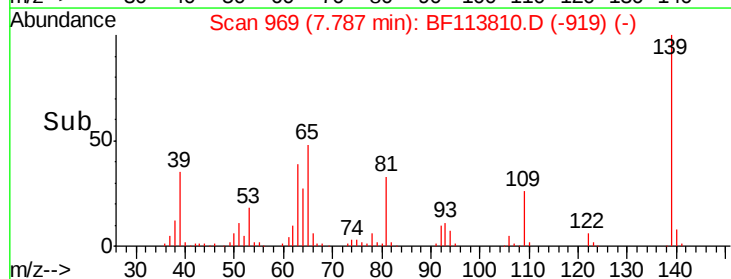
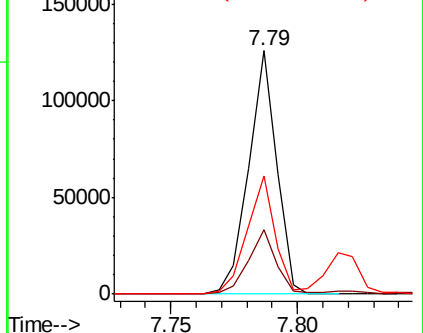
65 48.5 34.6 52.0

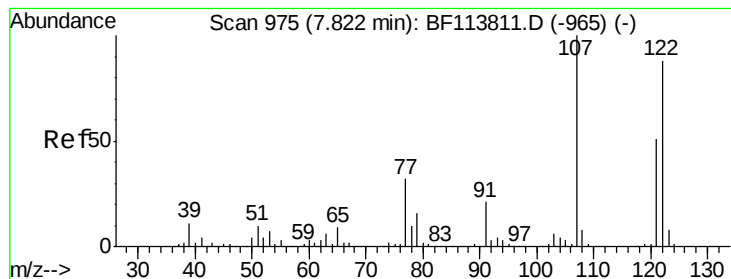


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 21.553 ng

RT: 7.82 min Scan# 975

Delta R.T. -0.00 min

Lab File: BF113810.D

Acq: 18 Apr 2019 8:36

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

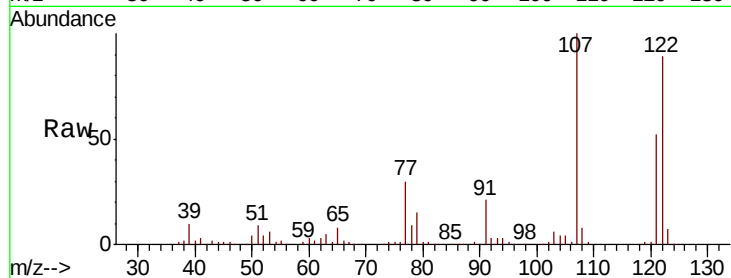
Tot Ion:122 Resp: 216749

Ion Ratio Lower Upper

122 100

107 111.8 91.2 136.8

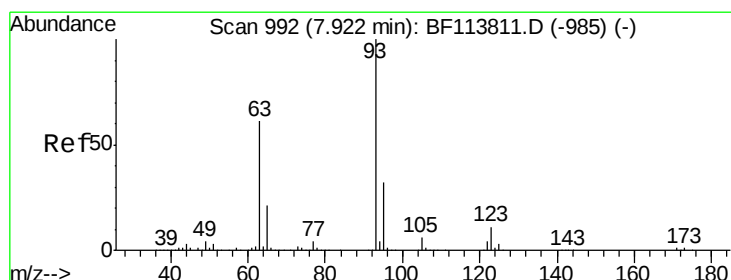
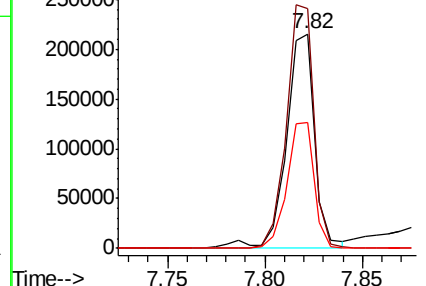
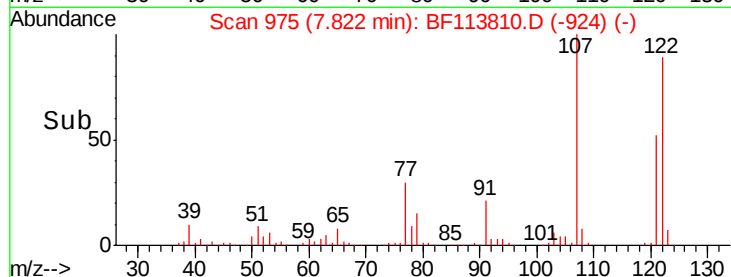
121 58.4 46.4 69.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 21.880 ng

RT: 7.92 min Scan# 992

Delta R.T. -0.00 min

Lab File: BF113810.D

Acq: 18 Apr 2019 8:36

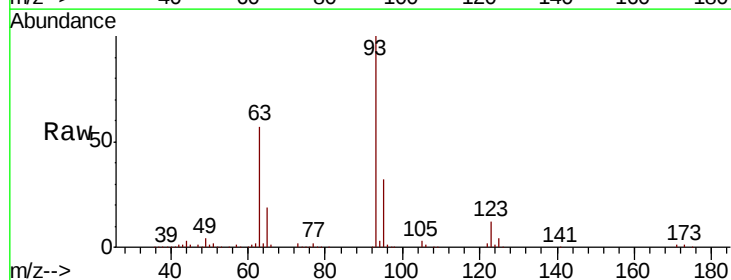
Tgt Ion: 93 Resp: 338206

Ion Ratio Lower Upper

93 100

95 31.7 25.8 38.6

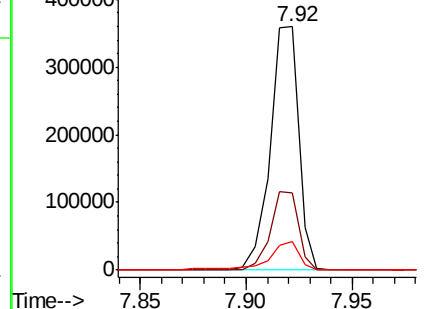
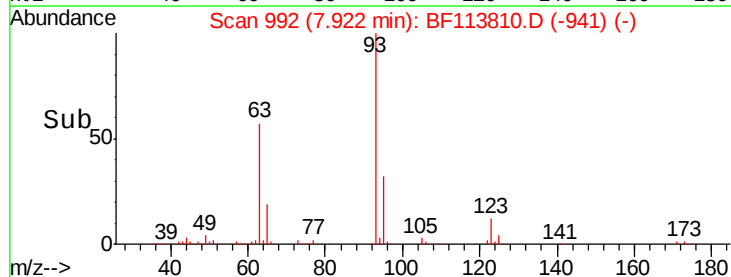
123 11.5 9.0 13.6

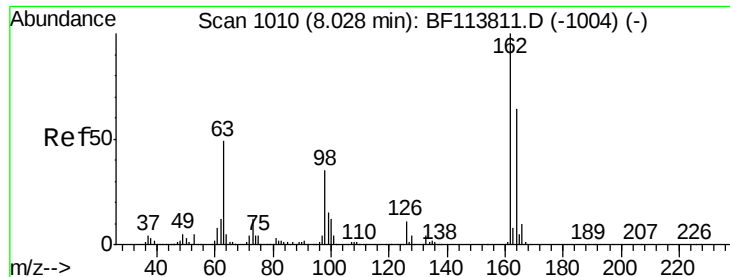


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

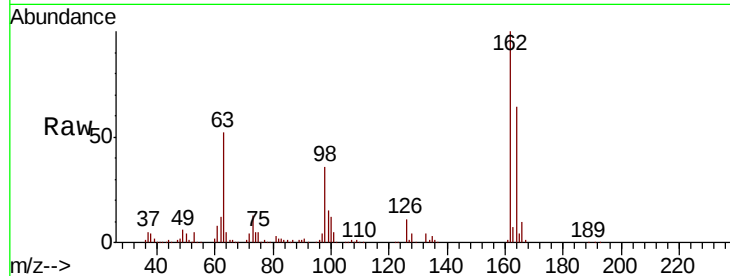




#29
2,4-Dichlorophenol
Concen: 21.528 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF113810.D
Acq: 18 Apr 2019 8:36

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.6	43.7	83.7
98	35.9	15.5	55.5

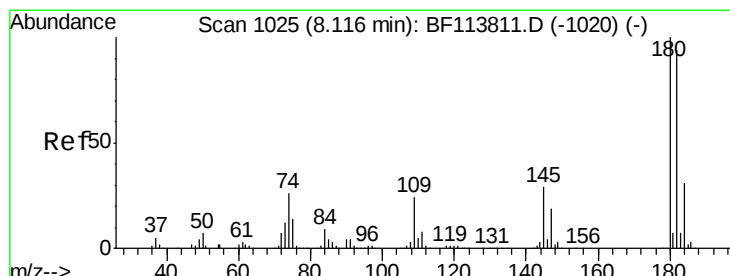
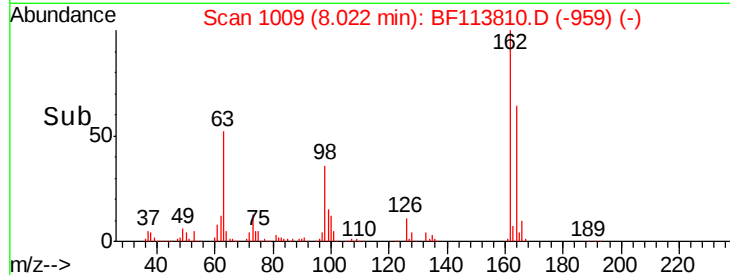
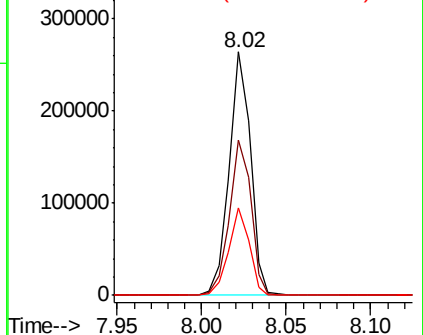


Abundance

Ion 162.00 (161.70 to 162.70): E

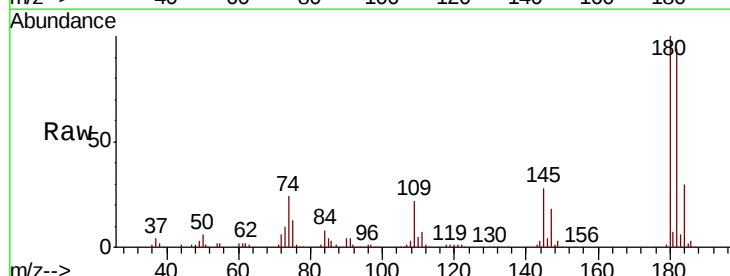
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 22.360 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BF113810.D
Acq: 18 Apr 2019 8:36

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	75.4	113.0
145	27.6	23.0	34.4

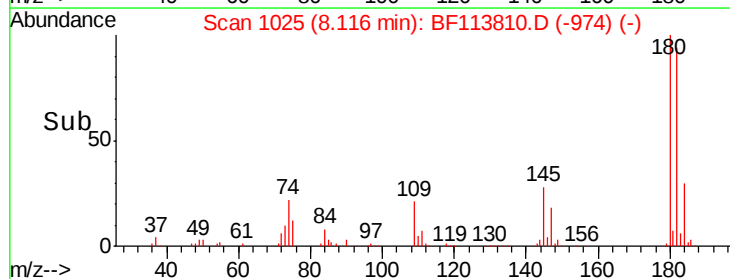
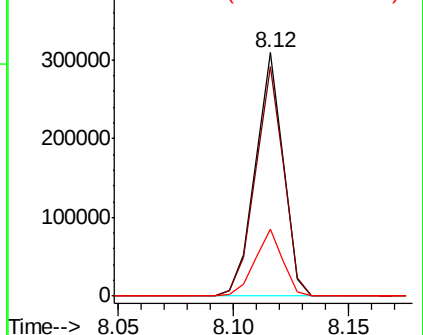


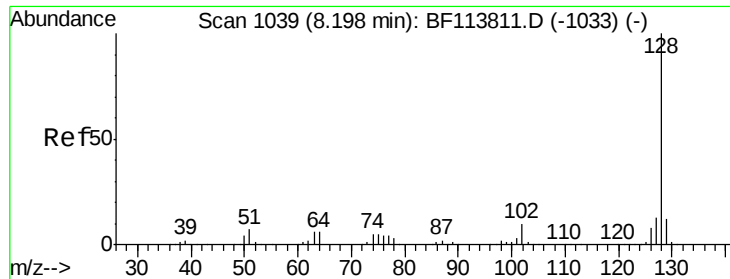
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

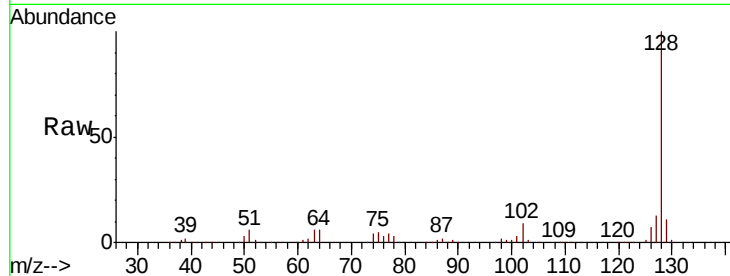




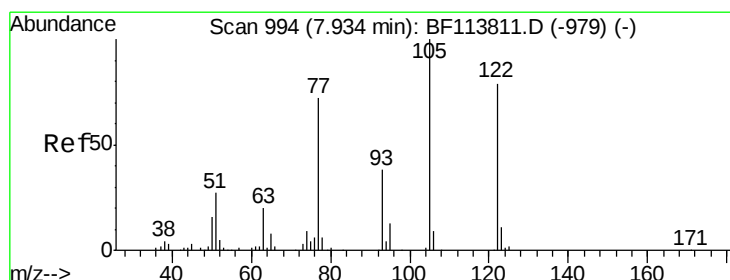
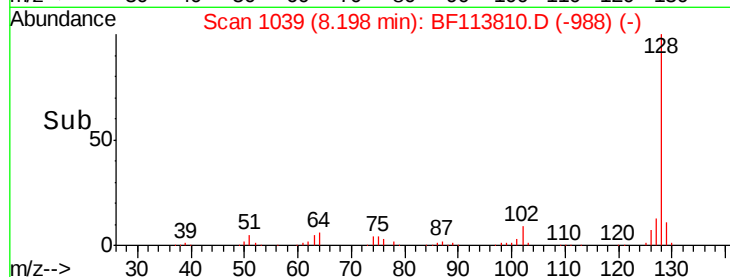
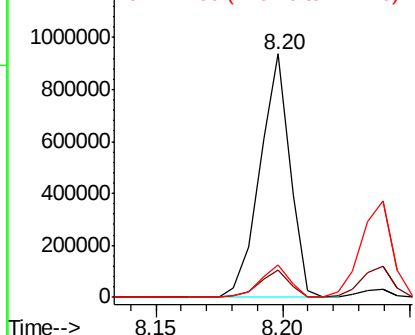
#31
Naphthalene
Concen: 21.611 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BF113810.D
Acq: 18 Apr 2019 8:36

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion:128 Resp: 778412
Ion Ratio Lower Upper
128 100
129 11.2 9.4 14.0
127 13.2 10.8 16.2

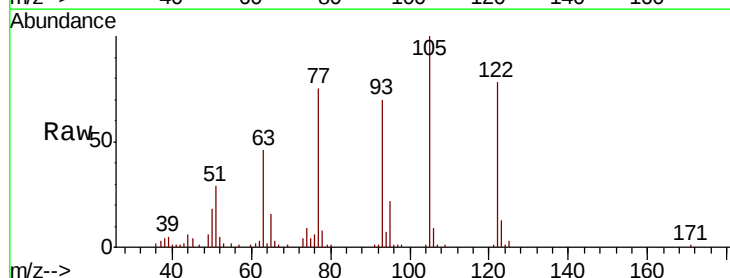


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

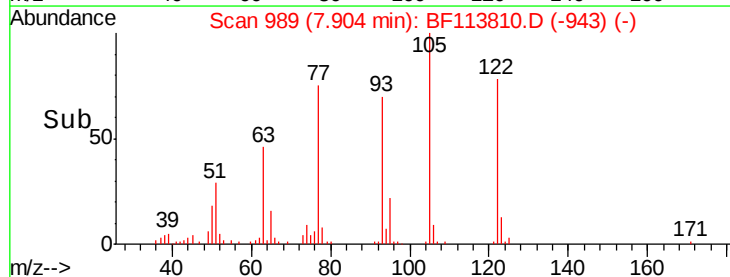
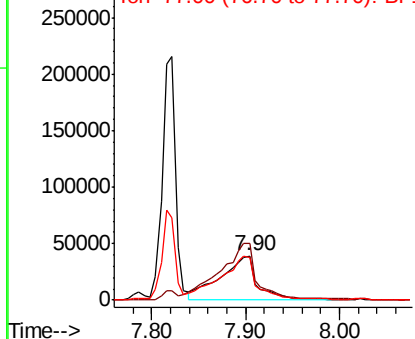


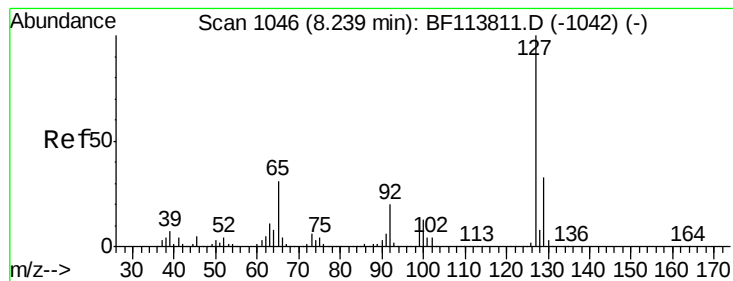
#32
Benzoic acid
Concen: 13.404 ng
RT: 7.90 min Scan# 989
Delta R.T. -0.03 min
Lab File: BF113810.D
Acq: 18 Apr 2019 8:36

Tgt Ion:122 Resp: 104378
Ion Ratio Lower Upper
122 100
105 128.4 104.3 144.3
77 96.0 70.4 110.4



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: 22.201 ng

RT: 8.24 min Scan# 1046

Delta R.T. -0.00 min

Lab File: BF113810.D

Acq: 18 Apr 2019 8:36

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tot Ion:127 Resp: 317082

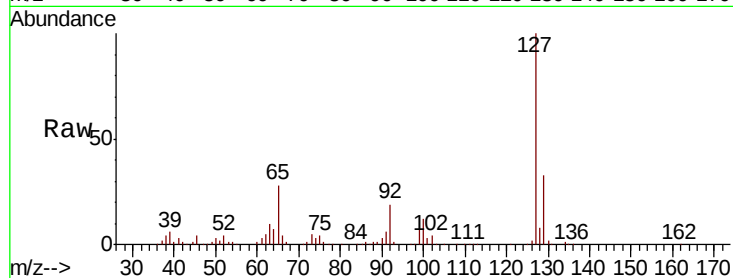
Ion Ratio Lower Upper

127 100

129 32.8 26.4 39.6

65 28.2 24.9 37.3

92 18.5 15.9 23.9

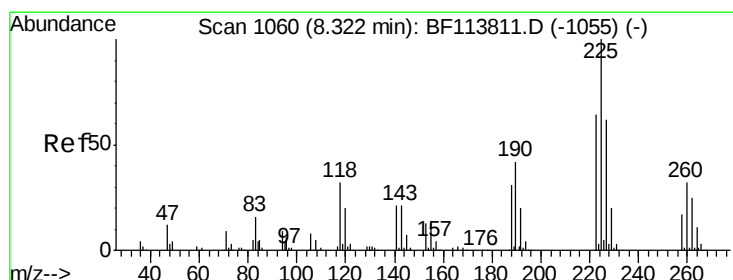
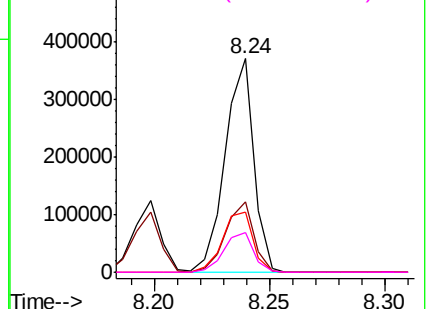
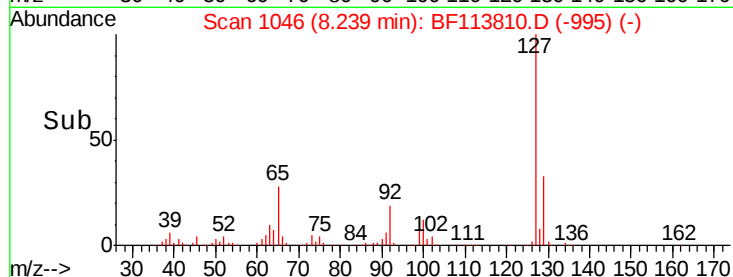


Abundance Ion 127.00 (126.70 to 127.70): E

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: 22.283 ng

RT: 8.32 min Scan# 1060

Delta R.T. -0.00 min

Lab File: BF113810.D

Acq: 18 Apr 2019 8:36

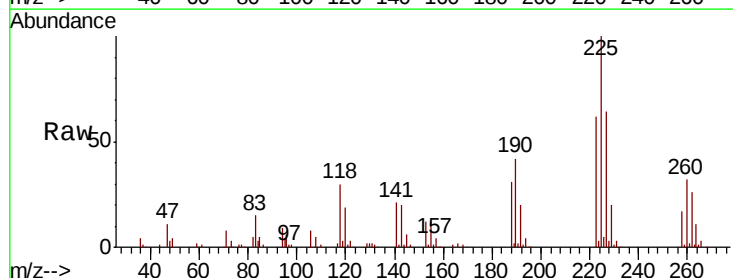
Tgt Ion:225 Resp: 158739

Ion Ratio Lower Upper

225 100

223 62.4 51.1 76.7

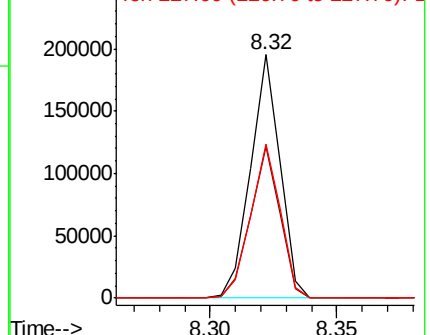
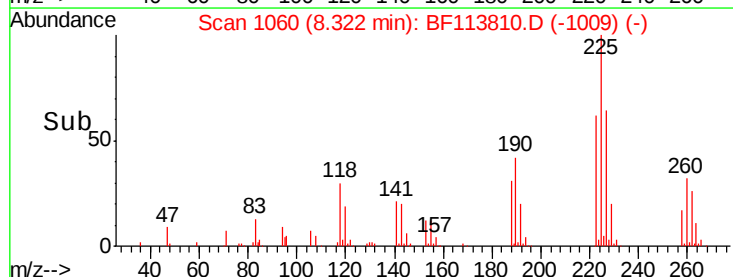
227 63.5 49.9 74.9

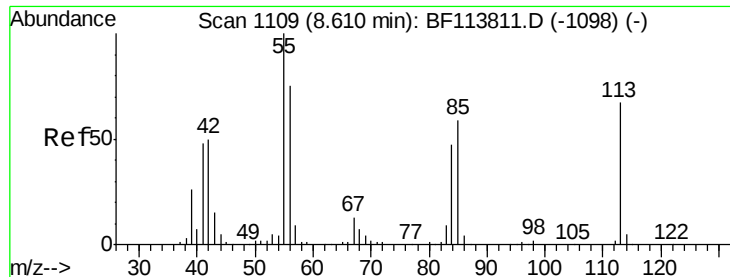


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

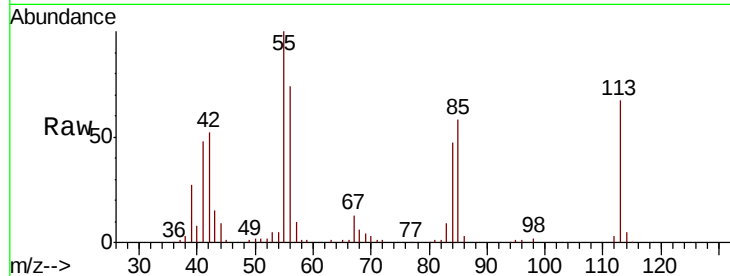




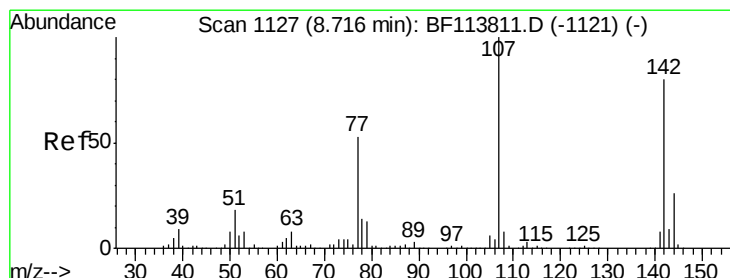
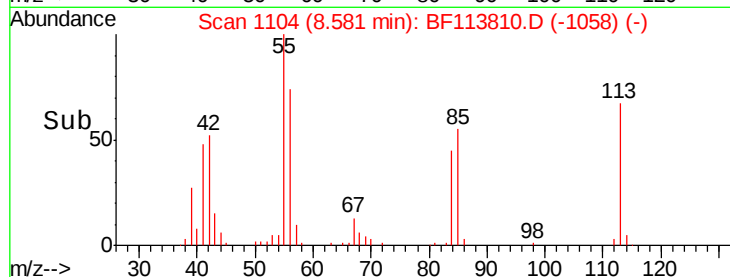
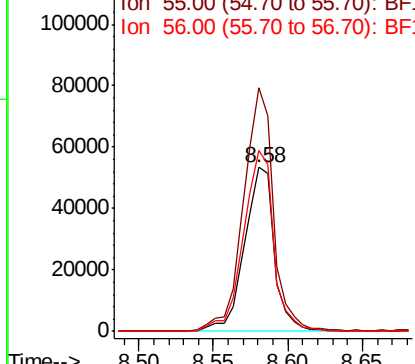
#35
Caprolactam
Concen: 21.433 ng
RT: 8.58 min Scan# 1104
Delta R.T. -0.03 min
Lab File: BF113810.D
Acq: 18 Apr 2019 8:36

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion:113 Resp: 73206
Ion Ratio Lower Upper
113 100
55 148.6 128.6 168.6
56 110.4 91.9 131.9

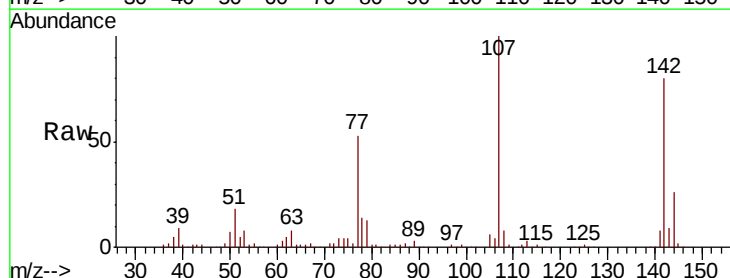


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

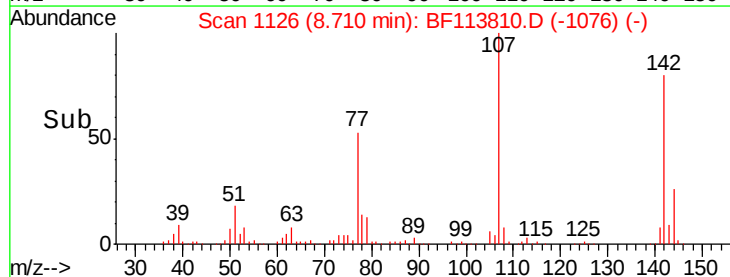
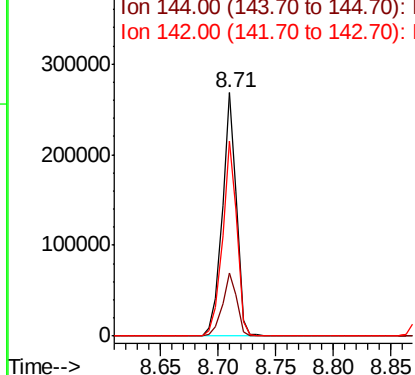


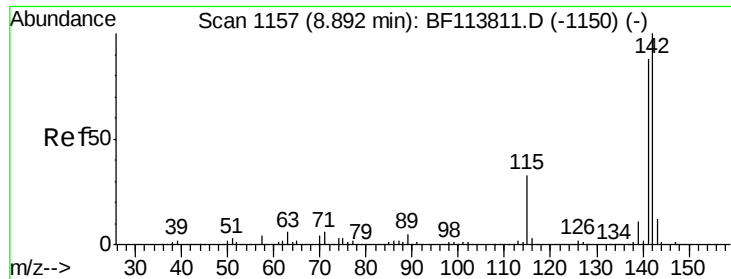
#36
4-Chloro-3-methylphenol
Concen: 21.242 ng
RT: 8.71 min Scan# 1126
Delta R.T. -0.01 min
Lab File: BF113810.D
Acq: 18 Apr 2019 8:36

Tgt Ion:107 Resp: 229438
Ion Ratio Lower Upper
107 100
144 26.0 20.5 30.7
142 79.9 64.2 96.4



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

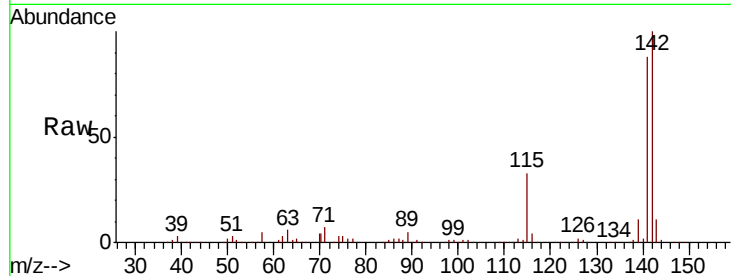




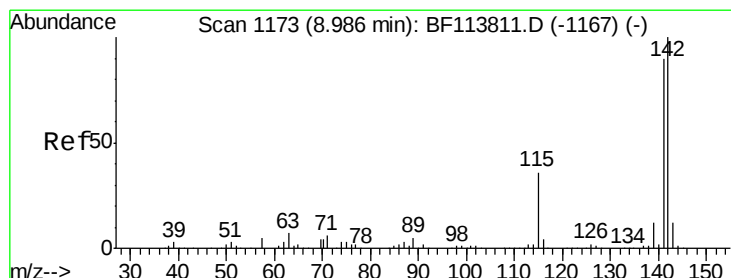
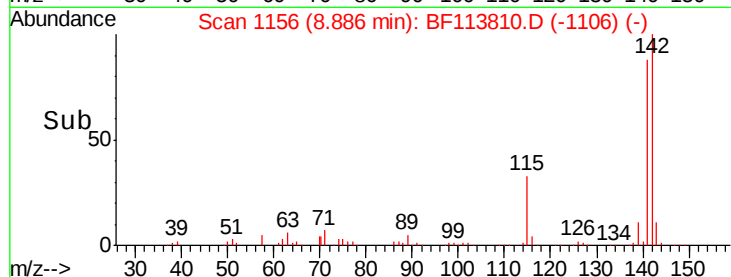
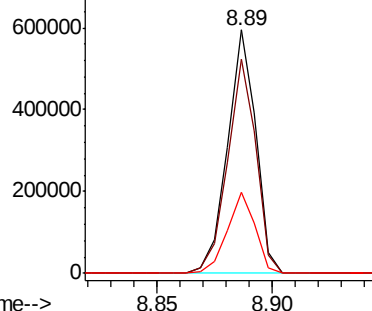
#37
2-Methylnaphthalene
Concen: 21.529 ng
RT: 8.89 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BF113810.D
Acq: 18 Apr 2019 8:36

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.8	70.4	105.6
115	33.4	26.3	39.5

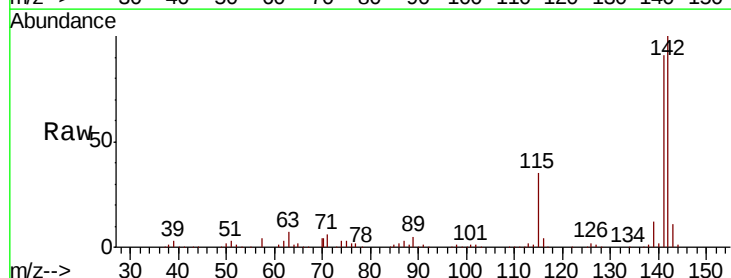


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

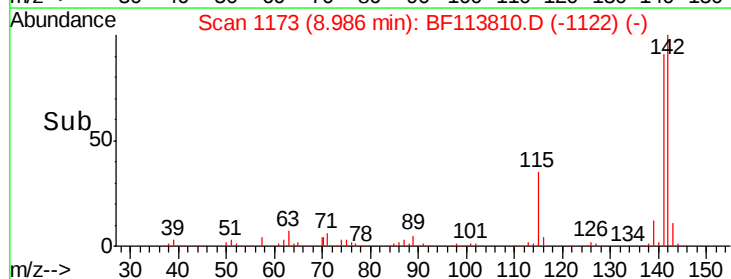
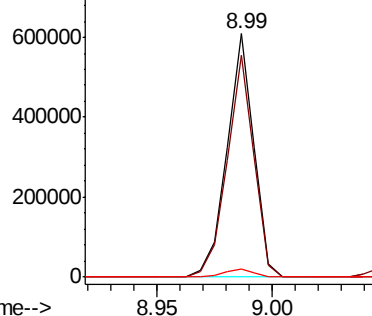


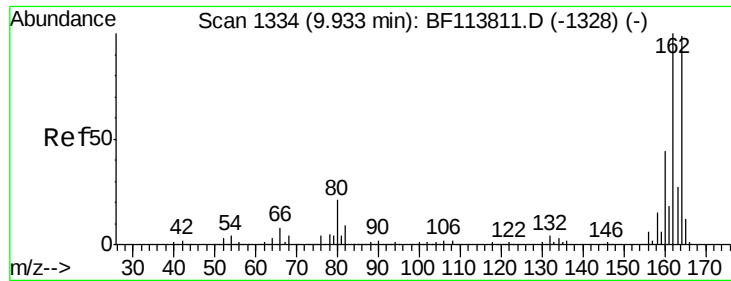
#38
1-Methylnaphthalene
Concen: 21.630 ng
RT: 8.99 min Scan# 1173
Delta R.T. -0.00 min
Lab File: BF113810.D
Acq: 18 Apr 2019 8:36

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.0	72.3	108.5
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: 9.93 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF113810.D

Acq: 18 Apr 2019 8:36

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

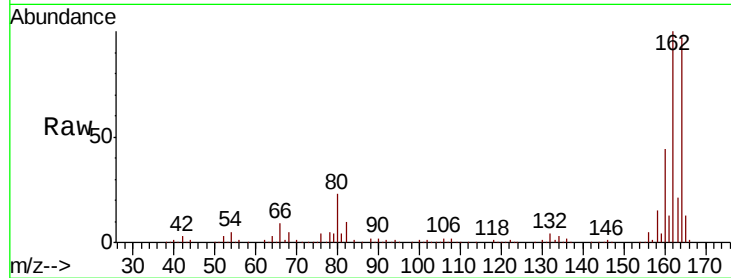
Tot Ion:164 Resp: 378054

Ion Ratio Lower Upper

164 100

162 102.7 81.1 121.7

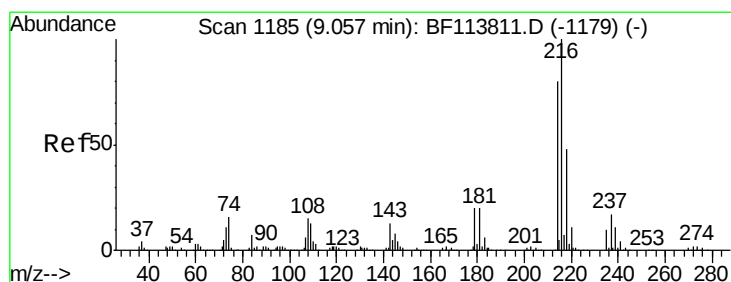
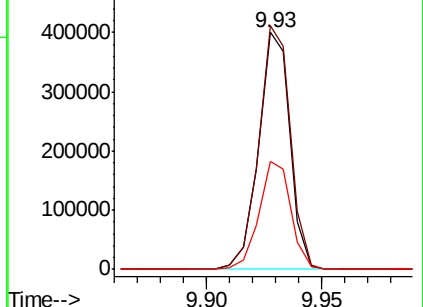
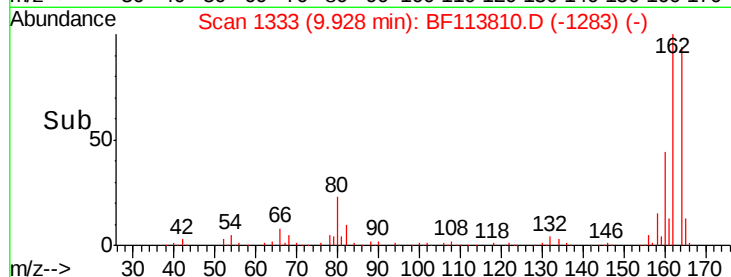
160 45.3 35.8 53.6



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: 21.314 ng

RT: 9.05 min Scan# 1184

Delta R.T. -0.01 min

Lab File: BF113810.D

Acq: 18 Apr 2019 8:36

Tgt Ion:216 Resp: 260592

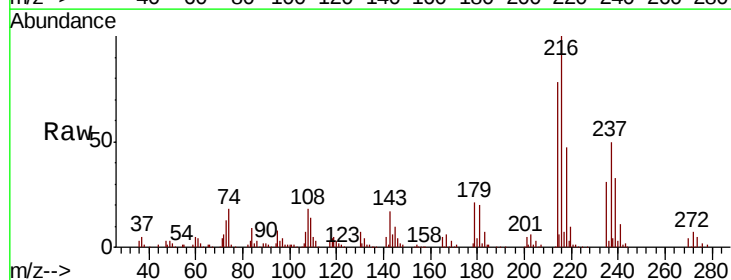
Ion Ratio Lower Upper

216 100

214 78.9 63.5 95.3

179 20.3 16.1 24.1

108 16.9 13.4 20.0

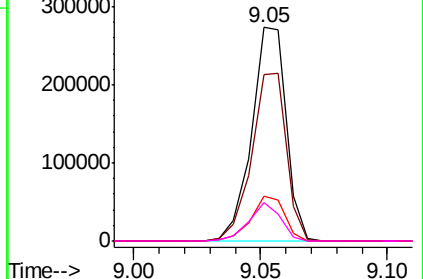
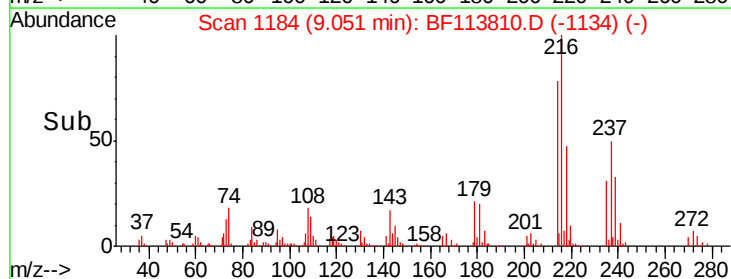


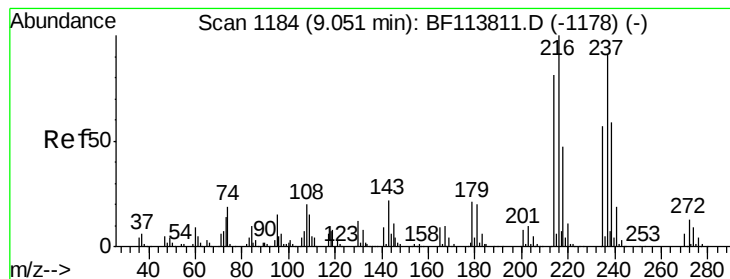
Abundance Ion 216.00 (215.70 to 216.70): E

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: 37.681 ng

RT: 9.05 min Scan# 1183

Delta R.T. -0.01 min

Lab File: BF113810.D

Acq: 18 Apr 2019 8:36

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

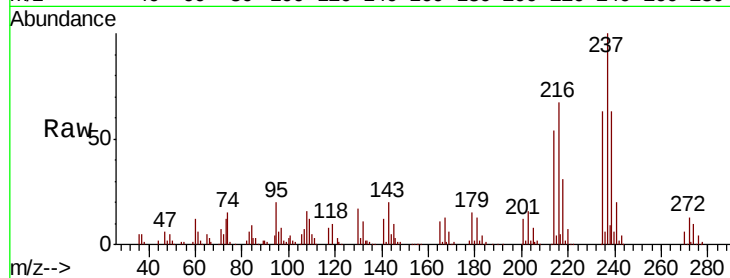
Tot Ion:237 Resp: 136860

Ion Ratio Lower Upper

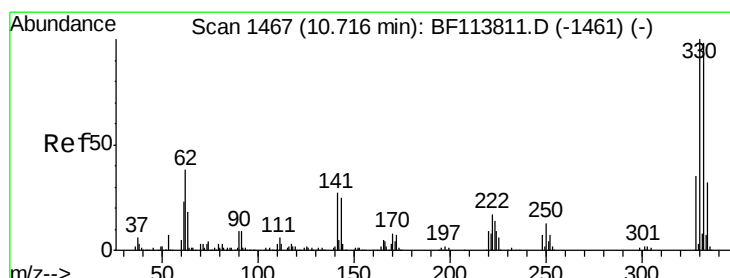
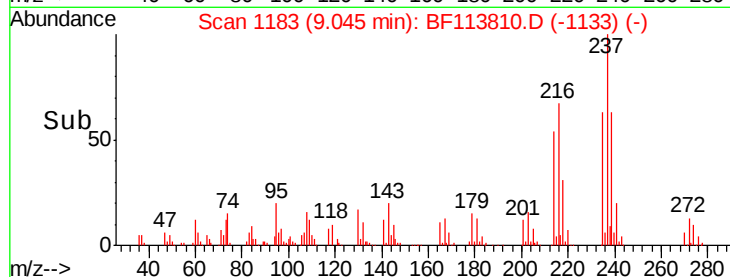
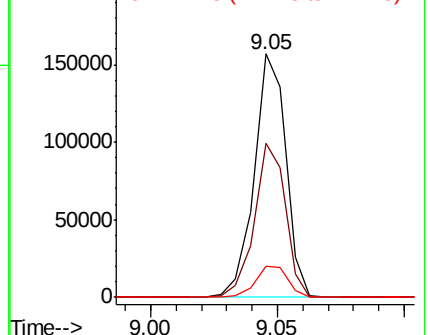
237 100

235 63.2 42.6 82.6

272 12.8 0.0 33.8



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: 39.515 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BF113810.D

Acq: 18 Apr 2019 8:36

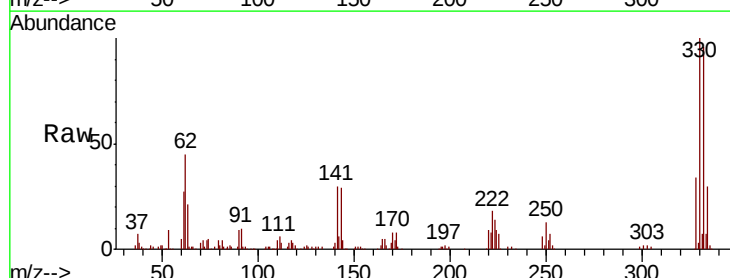
Tgt Ion:330 Resp: 179451

Ion Ratio Lower Upper

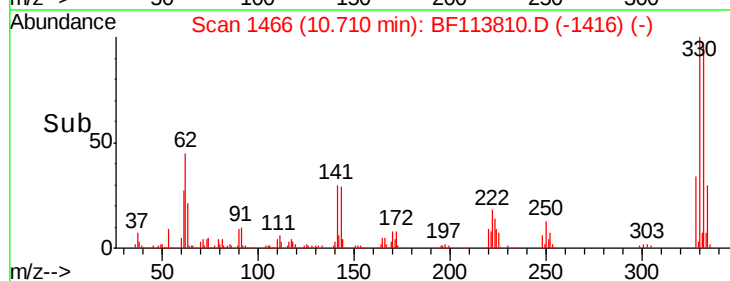
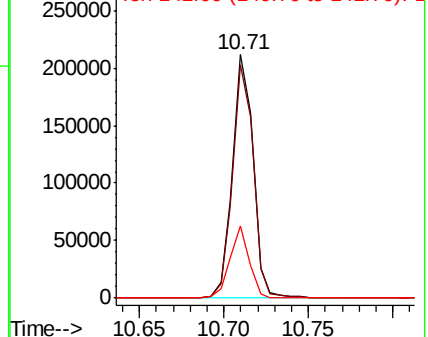
330 100

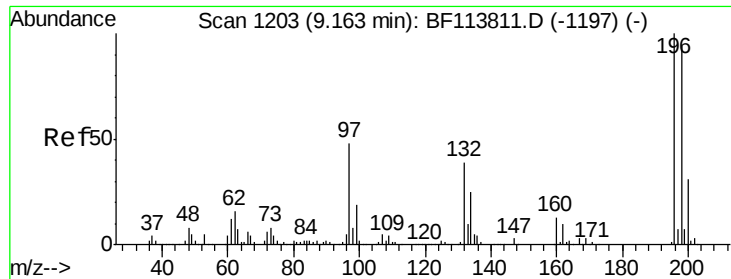
332 97.0 77.5 116.3

141 27.7 22.2 33.2



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

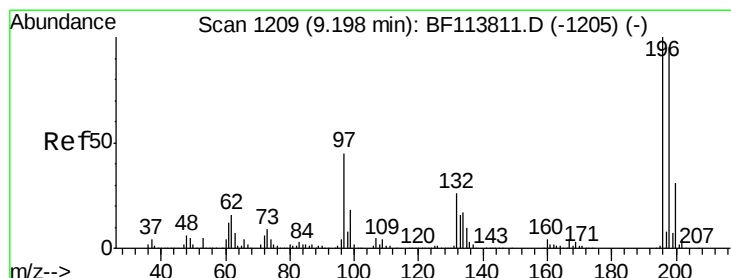
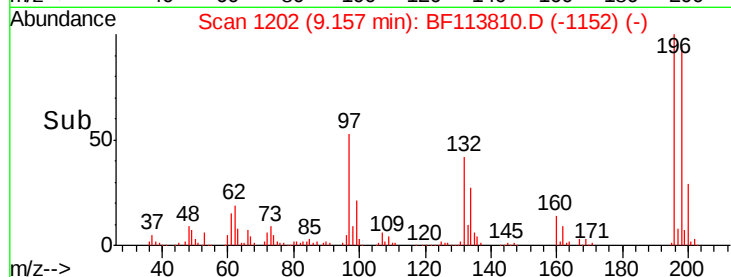
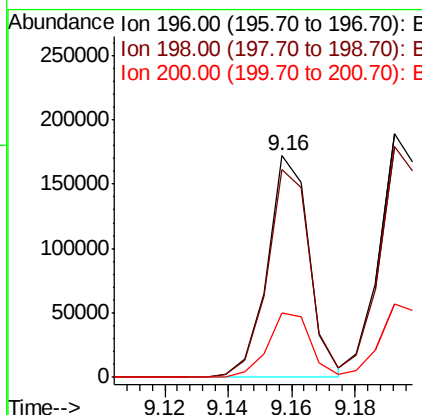
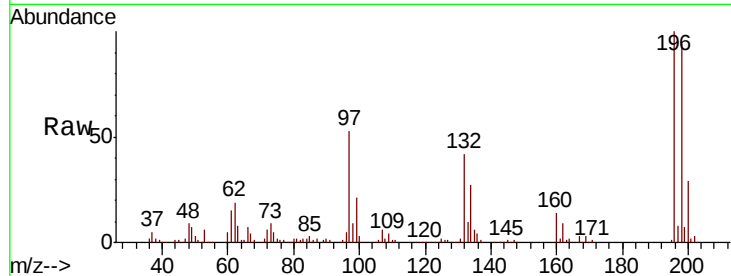




#43
 2,4,6-Trichlorophenol
 Concen: 20.365 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF113810.D
 Acq: 18 Apr 2019 8:36

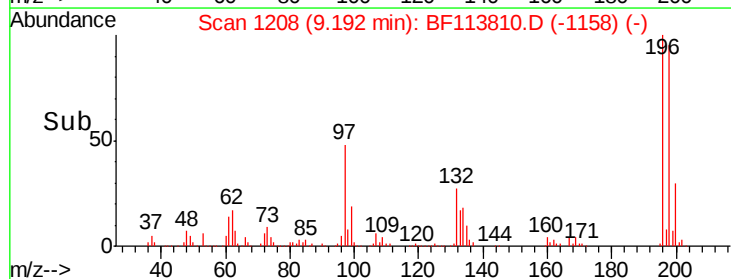
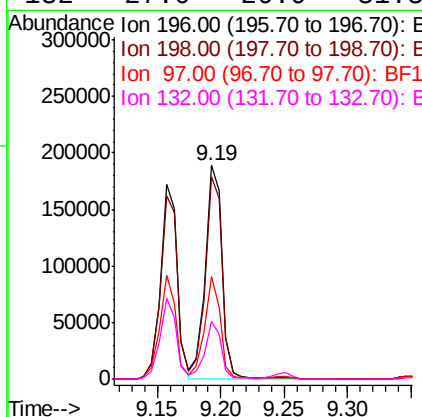
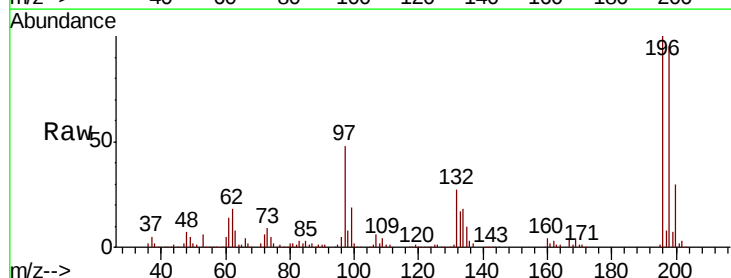
Instrument :
 BNA_F
 ClientSampleId :
 SSTDIC020

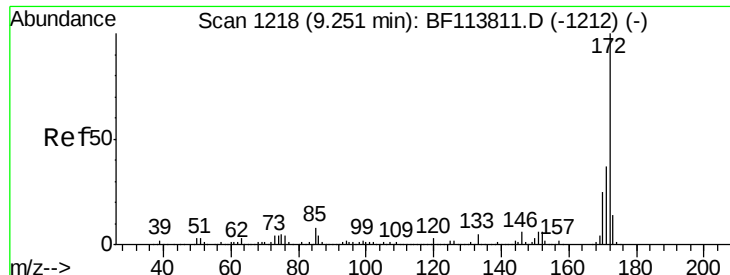
Tot Ion:196 Resp: 157171
 Ion Ratio Lower Upper
 196 100
 198 94.0 75.6 113.4
 200 29.3 24.7 37.1



#44
 2,4,5-Trichlorophenol
 Concen: 21.188 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF113810.D
 Acq: 18 Apr 2019 8:36

Tgt Ion:196 Resp: 175553
 Ion Ratio Lower Upper
 196 100
 198 95.0 76.2 114.4
 97 48.0 35.8 53.8
 132 27.0 20.9 31.3

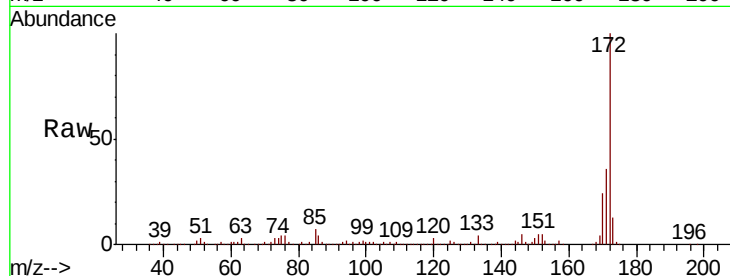




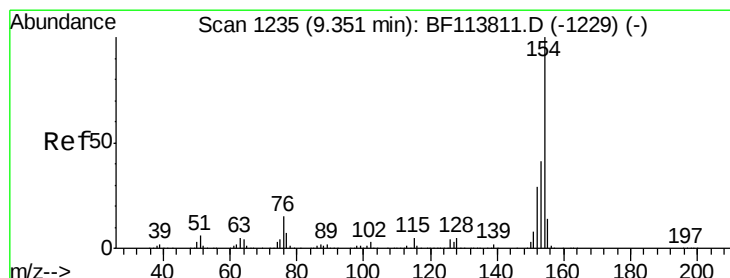
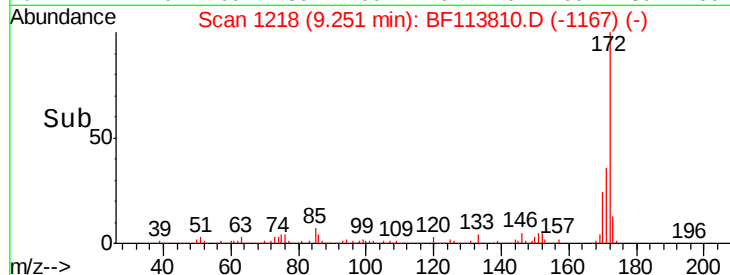
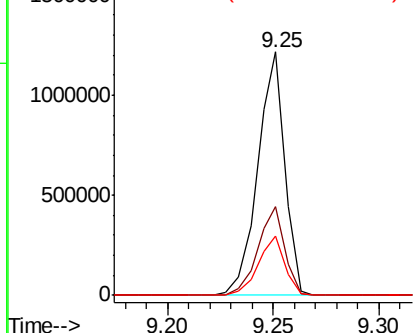
#45
2-Fluorobiphenyl
Concen: 46.050 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.00 min
Lab File: BF113810.D
Acq: 18 Apr 2019 8:36

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion:172 Resp: 1081401
Ion Ratio Lower Upper
172 100
171 36.2 29.4 44.0
170 24.2 19.9 29.9

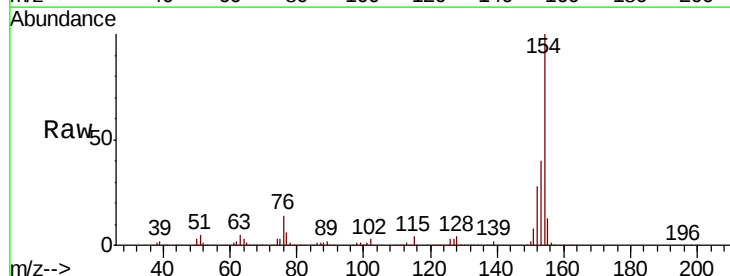


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

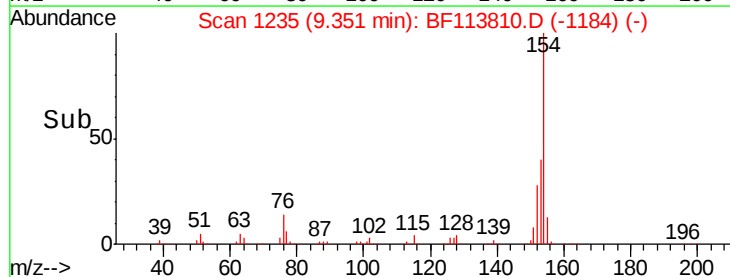
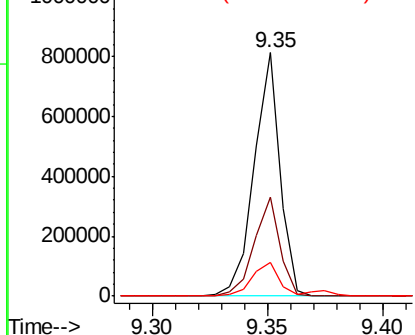


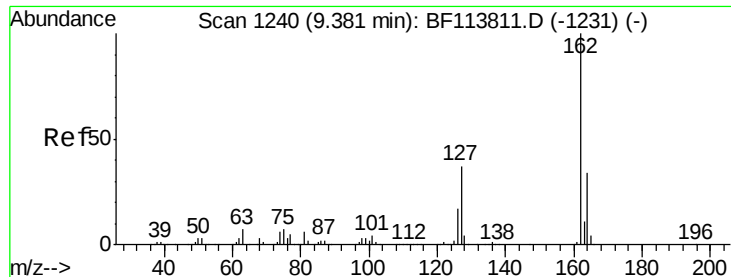
#46
1,1'-Biphenyl
Concen: 20.406 ng
RT: 9.35 min Scan# 1235
Delta R.T. -0.00 min
Lab File: BF113810.D
Acq: 18 Apr 2019 8:36

Tgt Ion:154 Resp: 636583
Ion Ratio Lower Upper
154 100
153 40.5 20.8 60.8
76 13.7 0.0 35.2



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

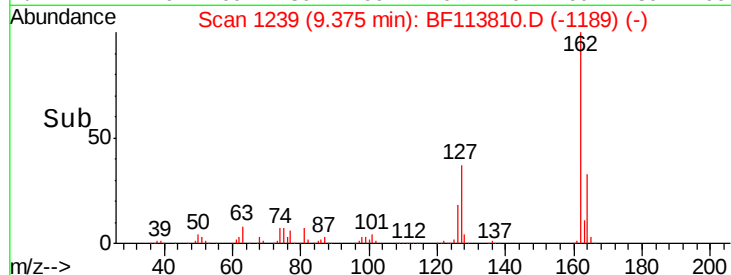
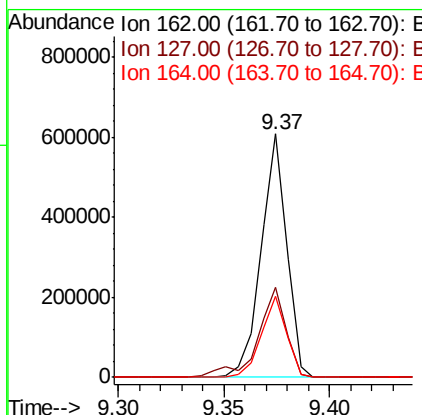
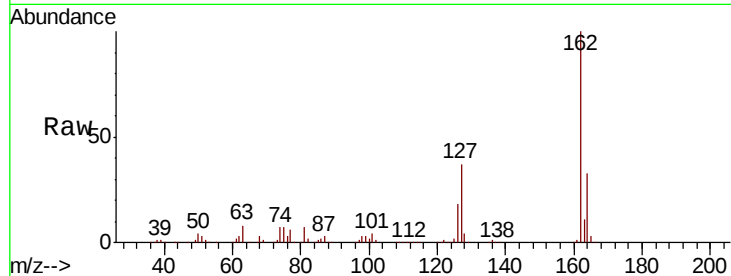




#47
2-Chloronaphthalene
Concen: 21.707 ng
RT: 9.37 min Scan# 1239
Delta R.T. -0.01 min
Lab File: BF113810.D
Acq: 18 Apr 2019 8:36

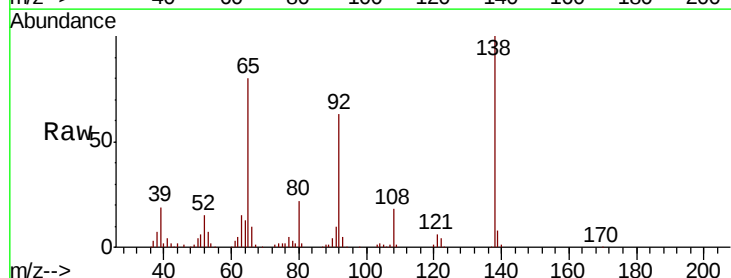
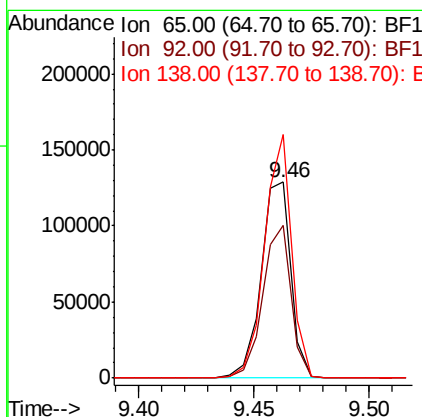
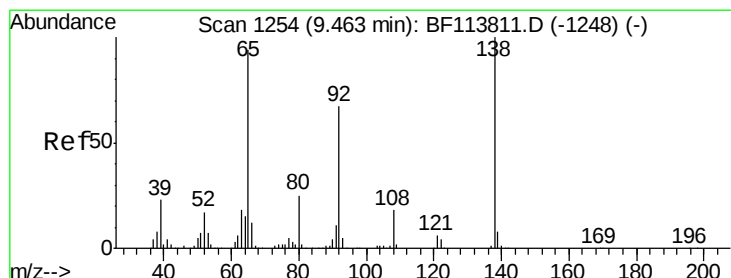
Instrument :
BNA_F
ClientSampleId :
SSTDIC020

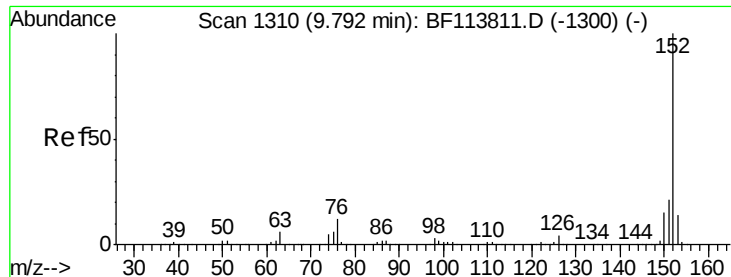
Tot Ion	Ratio	Lower	Upper
162	100		
127	36.7	29.3	43.9
164	33.1	27.1	40.7



#48
2-Nitroaniline
Concen: 16.027 ng
RT: 9.46 min Scan# 1254
Delta R.T. -0.00 min
Lab File: BF113810.D
Acq: 18 Apr 2019 8:36

Tgt Ion	Ratio	Lower	Upper
65	100		
92	78.1	57.4	86.0
138	124.3	85.4	128.0





#49

Acenaphthylene

Concen: 21.392 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.00 min

Lab File: BF113810.D

Acq: 18 Apr 2019 8:36

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

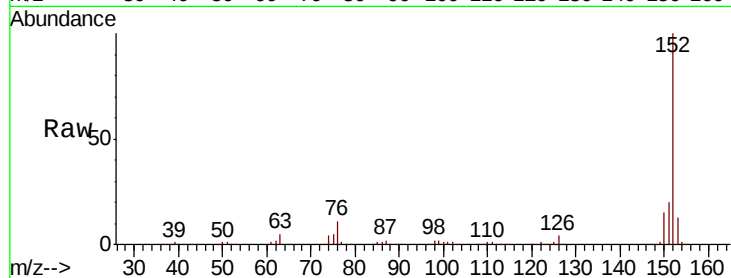
Tot Ion:152 Resp: 821652

Ion Ratio Lower Upper

152 100

151 19.9 17.0 25.4

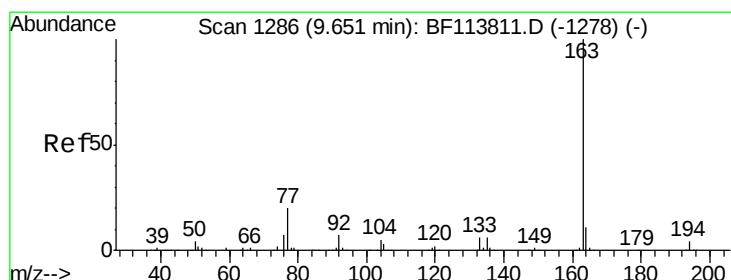
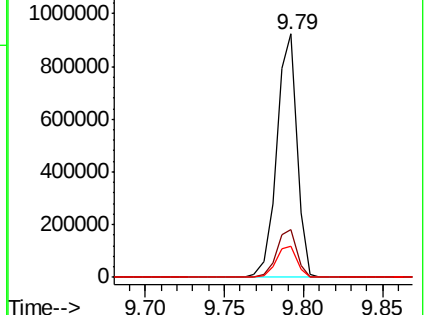
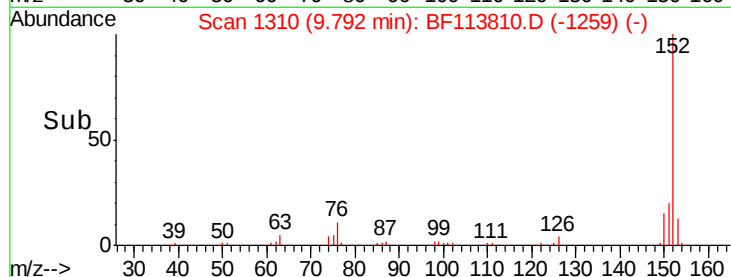
153 12.8 11.0 16.6



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: 20.557 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BF113810.D

Acq: 18 Apr 2019 8:36

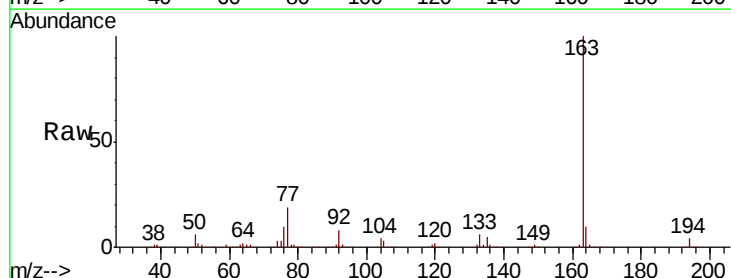
Tgt Ion:163 Resp: 572871

Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.2

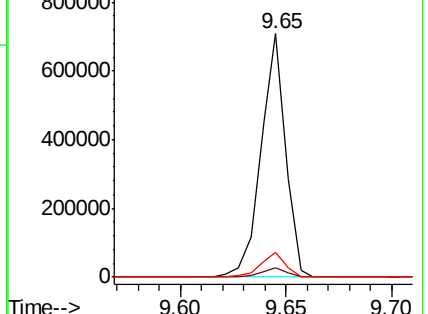
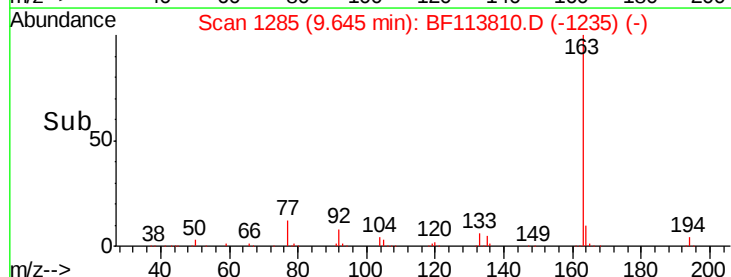
164 10.0 8.5 12.7

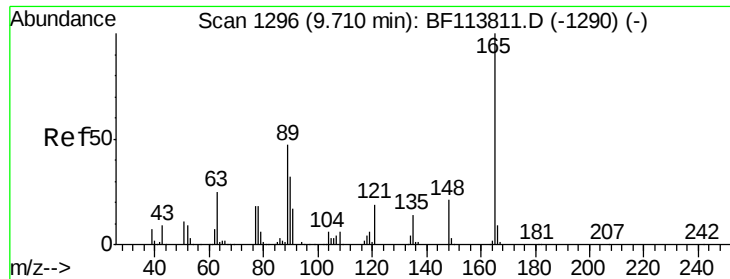


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

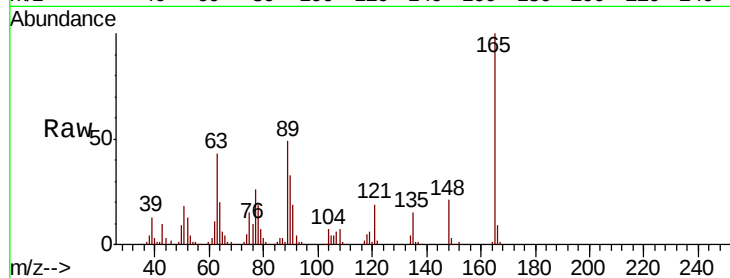




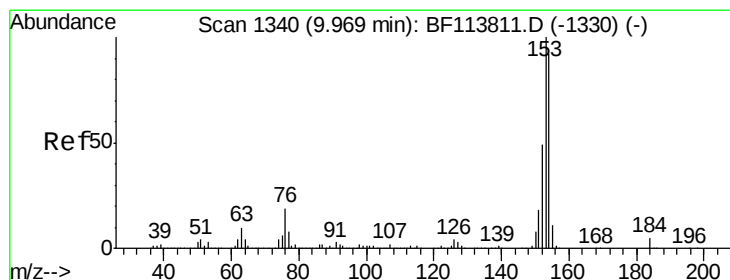
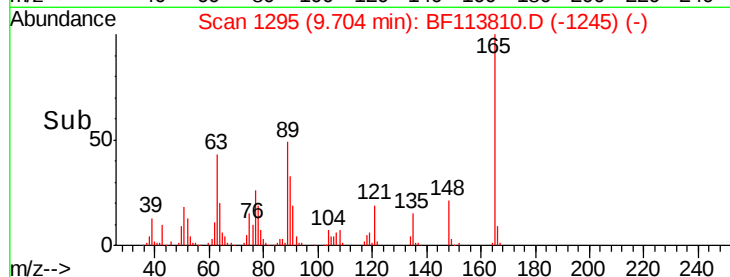
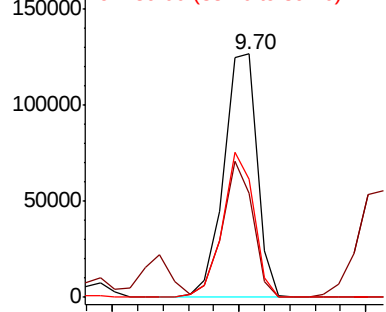
#51
2,6-Dinitrotoluene
Concen: 19.081 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF113810.D
Acq: 18 Apr 2019 8:36

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion:165 Resp: 117214
Ion Ratio Lower Upper
165 100
63 42.8 33.8 50.8
89 48.7 38.2 57.2

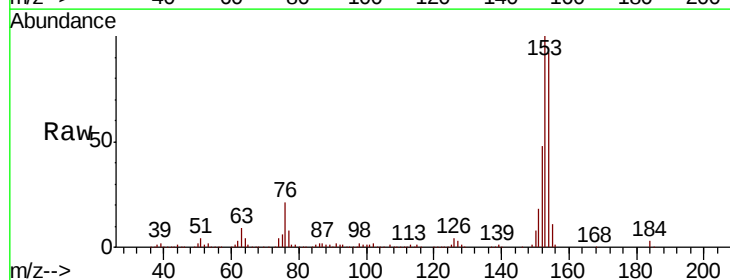


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

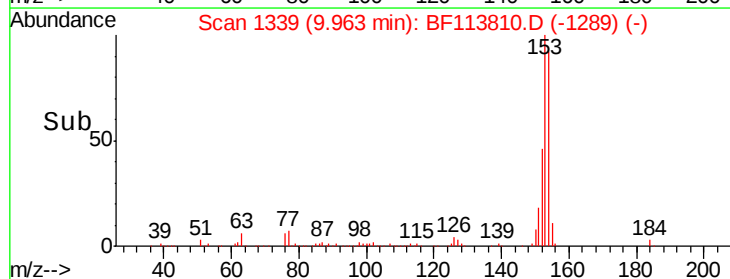
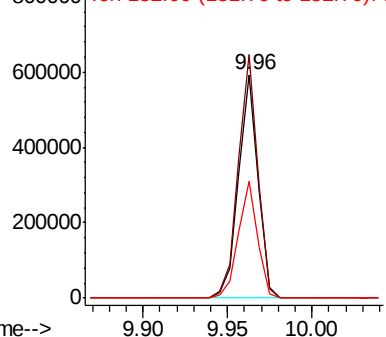


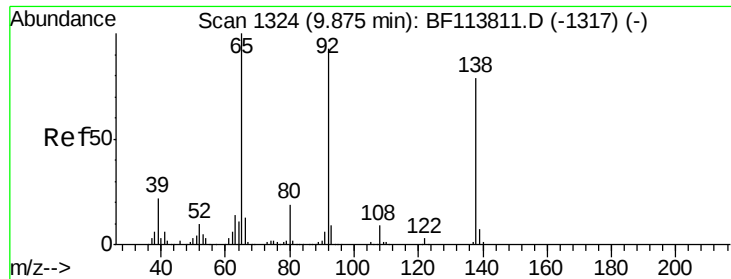
#52
Acenaphthene
Concen: 21.496 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF113810.D
Acq: 18 Apr 2019 8:36

Tgt Ion:154 Resp: 472617
Ion Ratio Lower Upper
154 100
153 108.9 87.2 130.8
152 52.3 42.3 63.5



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

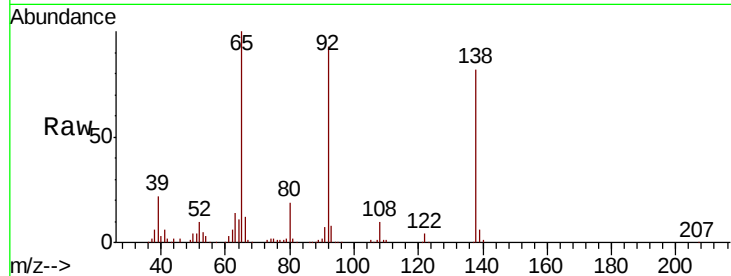




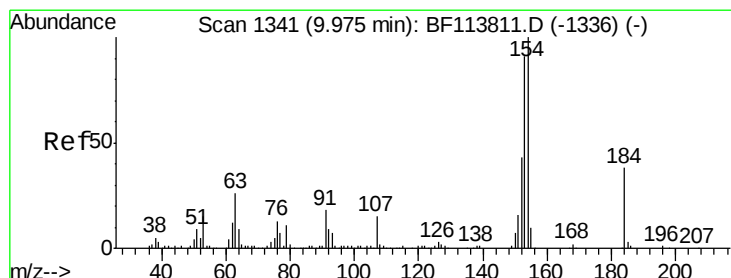
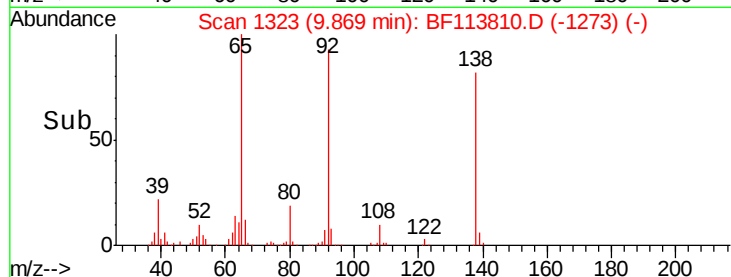
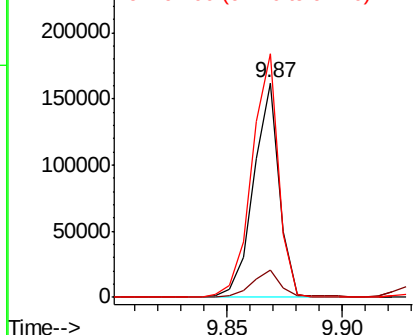
#53
3-Nitroaniline
Concen: 17.983 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF113810.D
Acq: 18 Apr 2019 8:36

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion:138 Resp: 125596
Ion Ratio Lower Upper
138 100
108 12.5 9.4 14.2
92 113.6 94.1 141.1

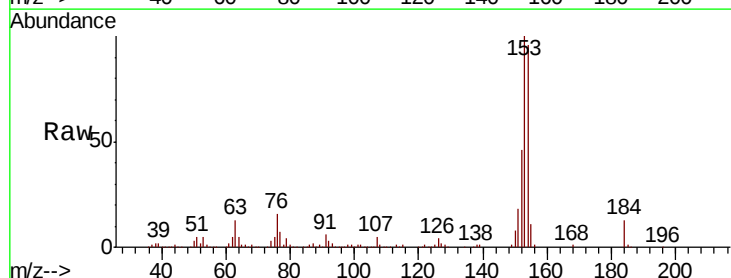


Abundance Ion 138.00 (137.70 to 138.70): E
250000 Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

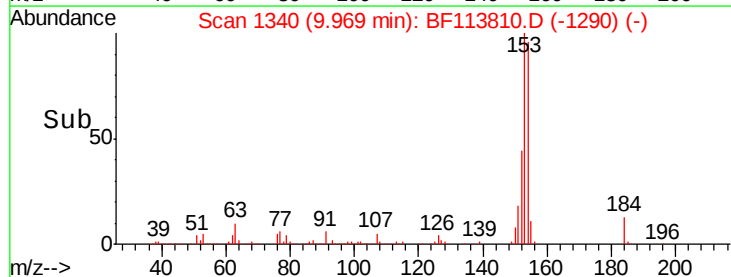
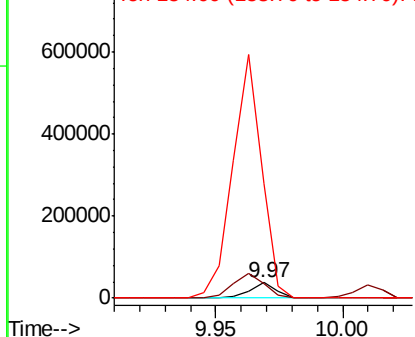


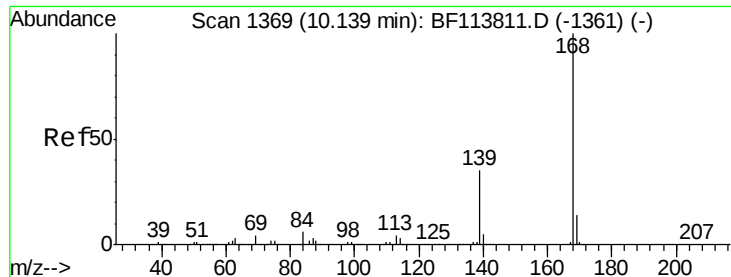
#54
2,4-Dinitrophenol
Concen: 9.417 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF113810.D
Acq: 18 Apr 2019 8:36

Tgt Ion:184 Resp: 27063
Ion Ratio Lower Upper
184 100
63 98.9 54.6 81.8#
154 754.4 218.6 328.0#



Abundance Ion 184.00 (183.70 to 184.70): E
800000 Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

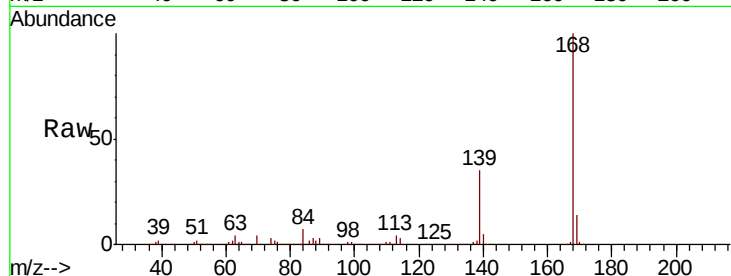




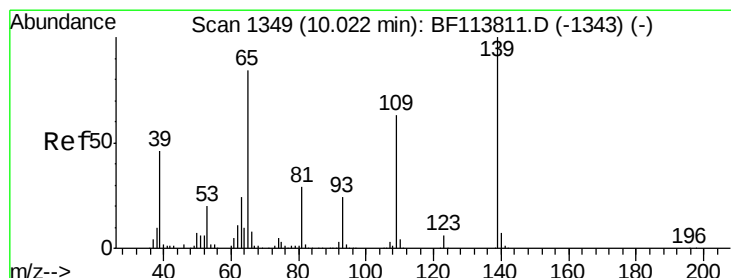
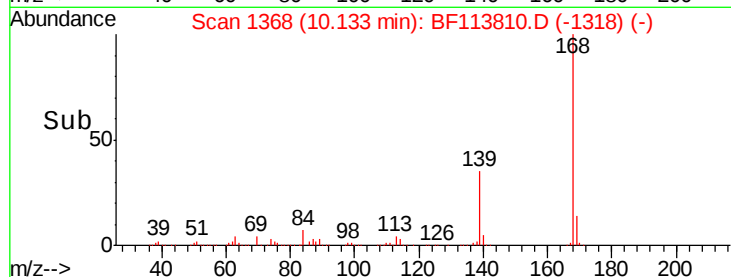
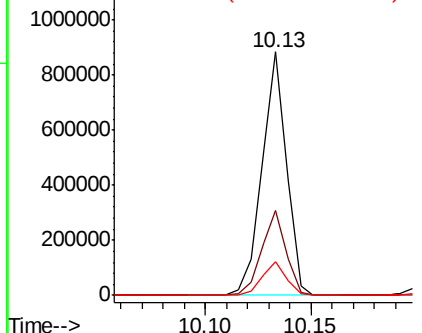
#55
Dibenzofuran
Concen: 22.119 ng
RT: 10.13 min Scan# 1368
Delta R.T. -0.01 min
Lab File: BF113810.D
Acq: 18 Apr 2019 8:36

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Lower	Upper
168	100		
139	35.0	27.8	41.6
169	13.7	11.0	16.6

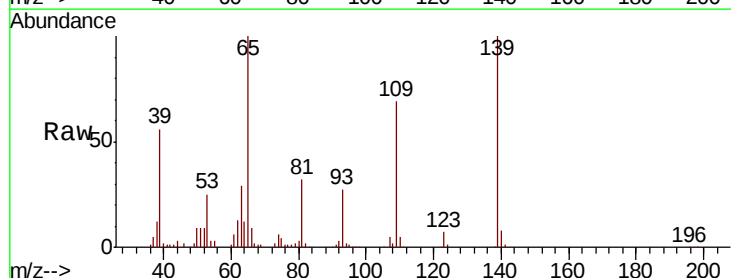


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

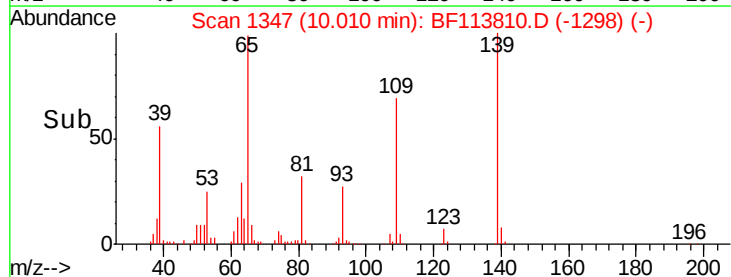
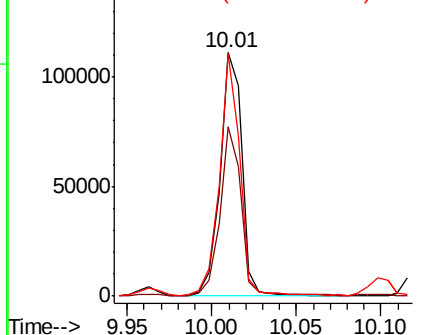


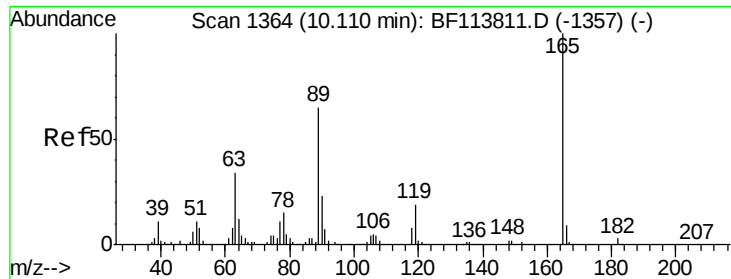
#56
4-Nitrophenol
Concen: 23.175 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BF113810.D
Acq: 18 Apr 2019 8:36

Tgt Ion	Ratio	Lower	Upper
139	100		
109	69.4	42.9	82.9
65	99.6	64.4	104.4



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

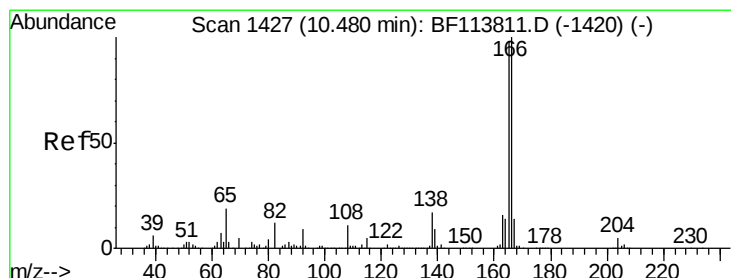
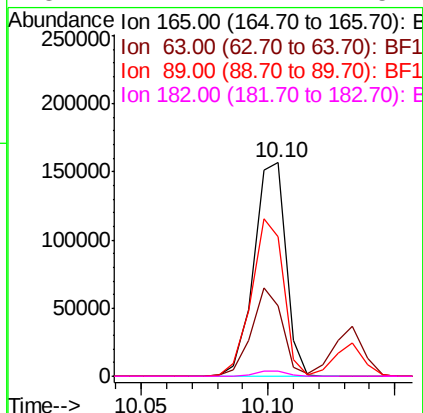
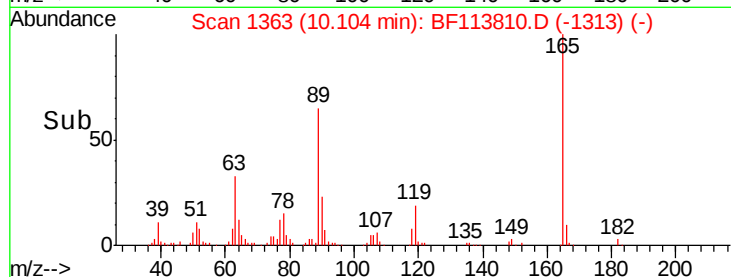
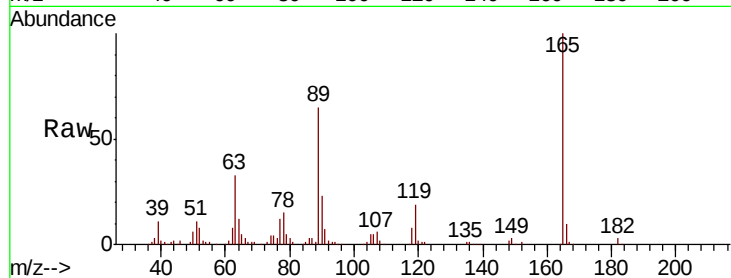




#57
 2,4-Dinitrotoluene
 Concen: 18.660 ng
 RT: 10.10 min Scan# 1363
 Delta R.T. -0.01 min
 Lab File: BF113810.D
 Acq: 18 Apr 2019 8:36

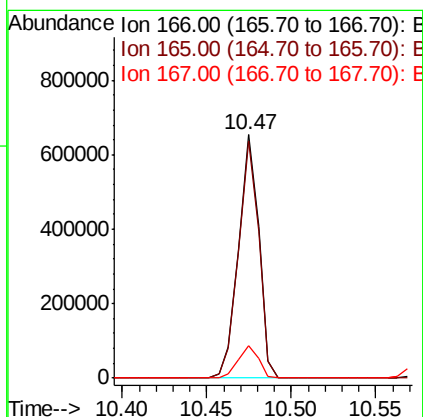
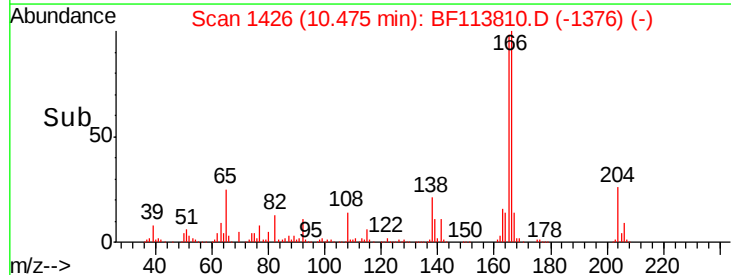
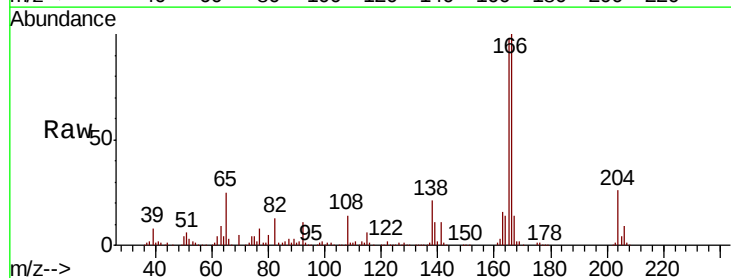
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

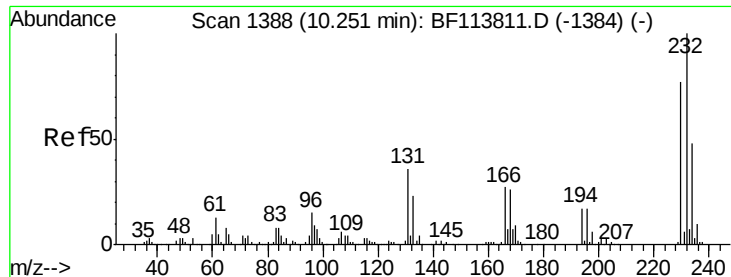
Tot Ion	Ratio	Lower	Upper
165	100		
63	33.0	27.4	41.0
89	65.4	51.8	77.6
182	2.7	2.2	3.2



#58
 Fluorene
 Concen: 21.411 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. -0.01 min
 Lab File: BF113810.D
 Acq: 18 Apr 2019 8:36

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.5	78.4	117.6
167	13.6	10.9	16.3

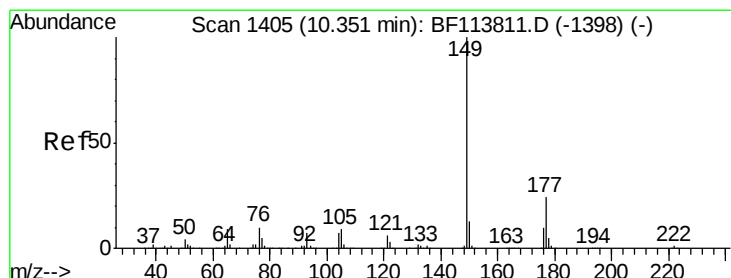
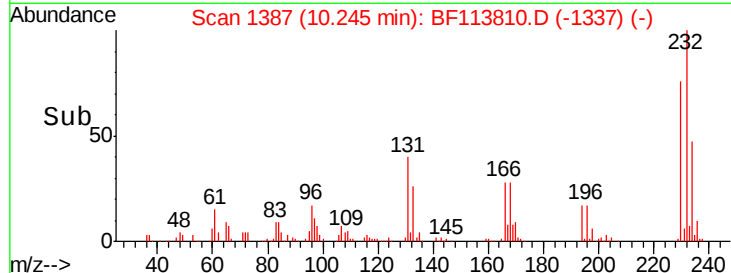
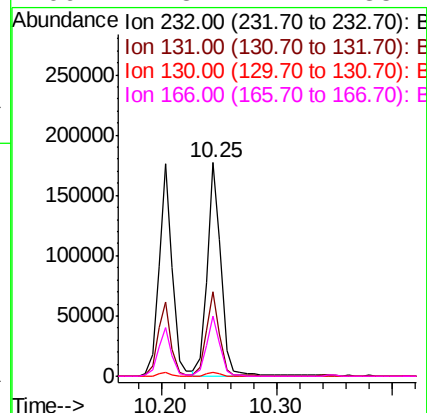
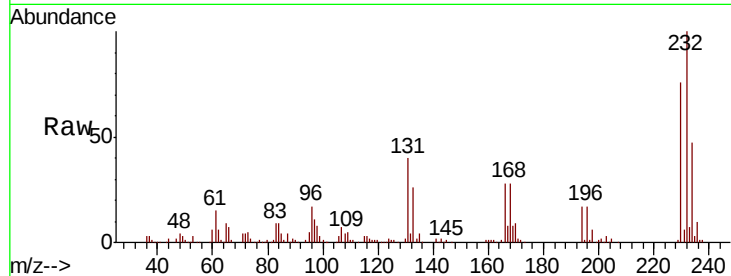




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 20.600 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. -0.01 min
 Lab File: BF113810.D
 Acq: 18 Apr 2019 8:36

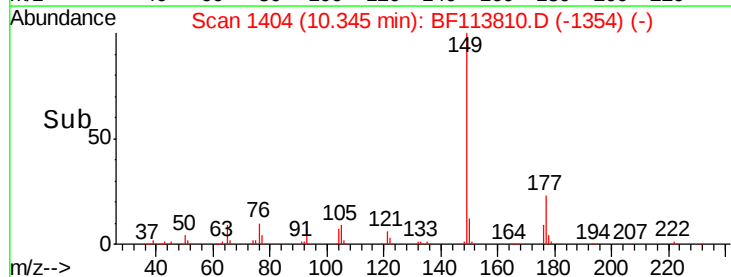
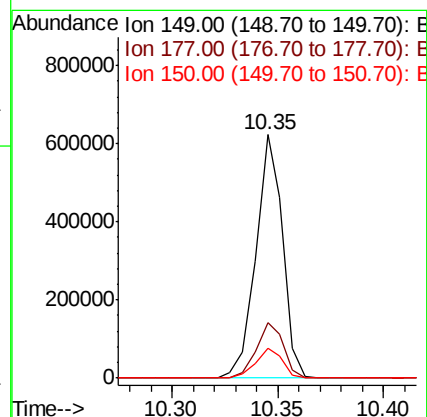
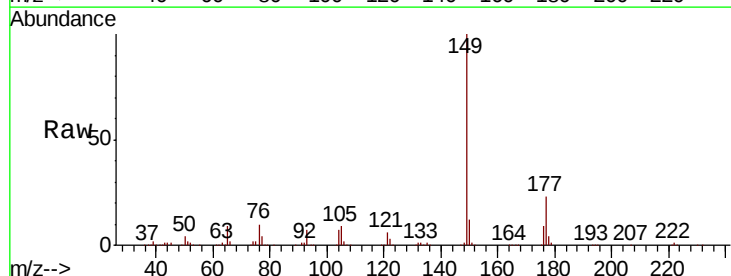
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

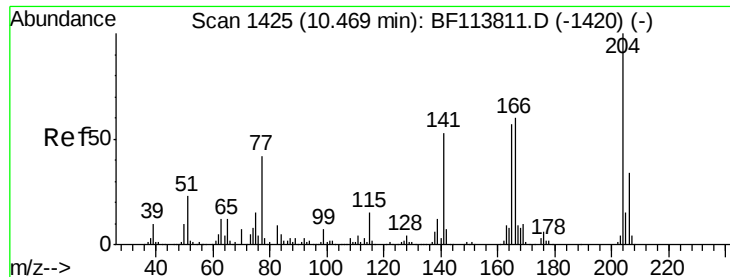
Tot Ion	Ratio	Lower	Upper
232	100		
131	38.5	30.2	45.2
130	1.8	1.5	2.3
166	27.8	22.2	33.4



#60
 Diethylphthalate
 Concen: 20.340 ng
 RT: 10.35 min Scan# 1404
 Delta R.T. -0.01 min
 Lab File: BF113810.D
 Acq: 18 Apr 2019 8:36

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.8	19.2	28.8
150	12.3	10.3	15.5

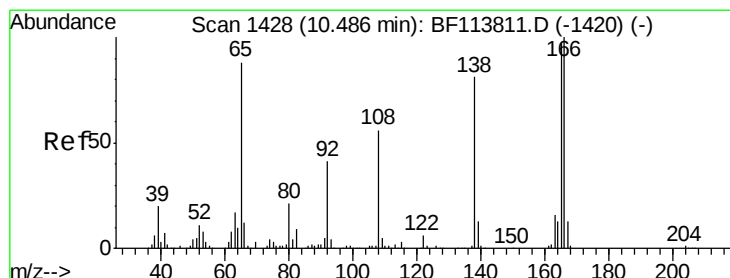
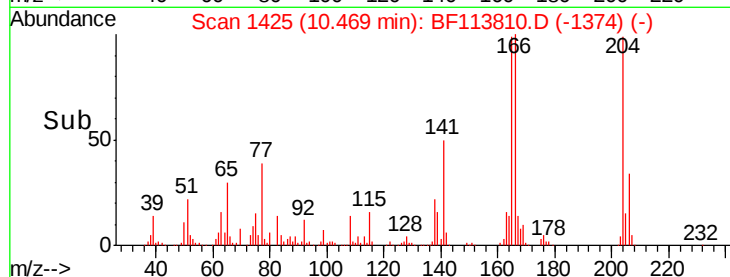
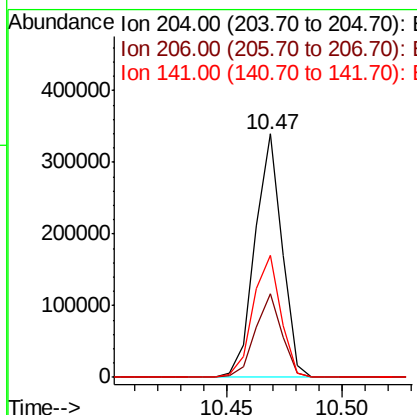
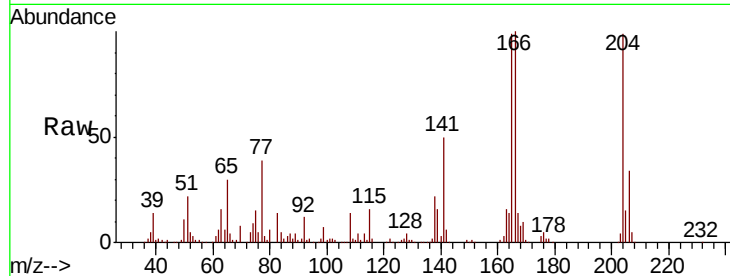




#61
 4-Chlorophenyl-phenylether
 Concen: 22.179 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. -0.00 min
 Lab File: BF113810.D
 Acq: 18 Apr 2019 8:36

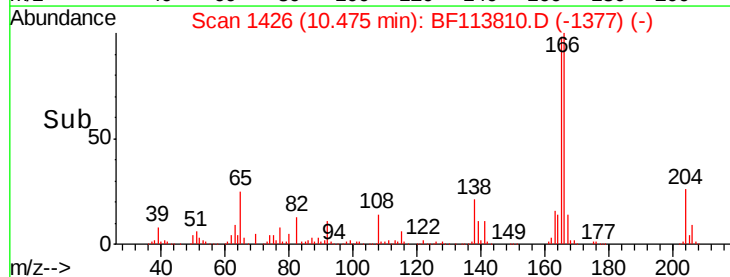
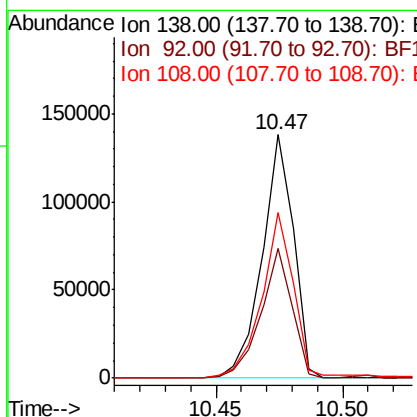
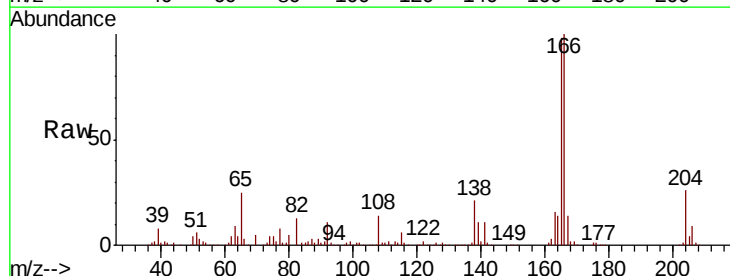
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

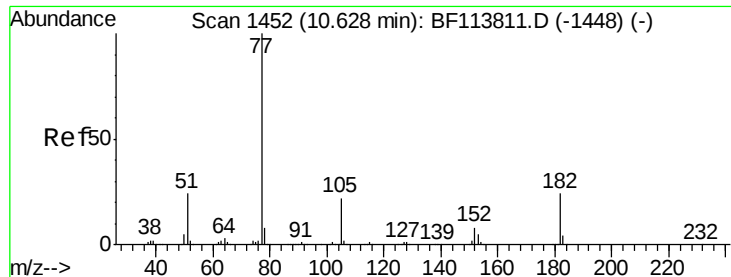
Tot Ion:	204	Resp:	278280
Ion	Ratio	Lower	Upper
204	100		
206	34.4	27.4	41.2
141	50.0	42.6	63.8



#62
 4-Nitroaniline
 Concen: 16.708 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. -0.01 min
 Lab File: BF113810.D
 Acq: 18 Apr 2019 8:36

Tgt Ion:	138	Resp:	118659
Ion	Ratio	Lower	Upper
138	100		
92	53.0	31.3	71.3
108	68.2	48.9	88.9





#63

Azobenzene

Concen: 22.598 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.00 min

Lab File: BF113810.D

Acq: 18 Apr 2019 8:36

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

Tot Ion: 77 Resp: 574891

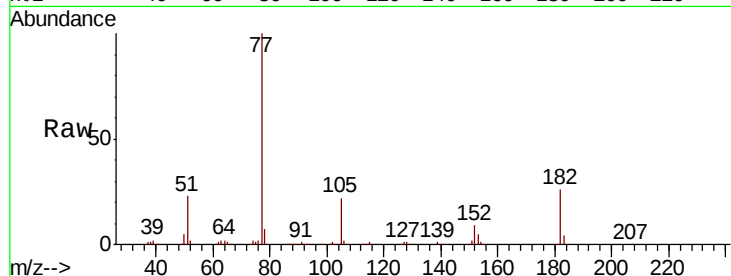
Ion Ratio Lower Upper

77 100

182 25.9 4.4 44.4

105 22.2 2.2 42.2

51 23.1 3.9 43.9

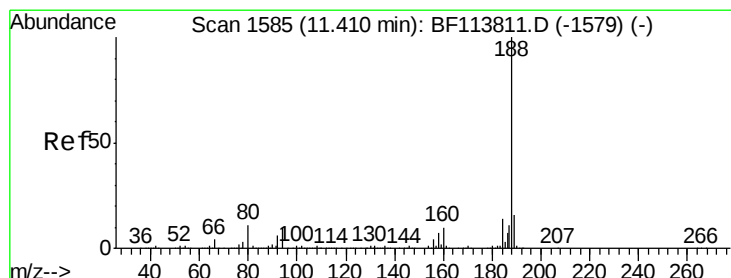
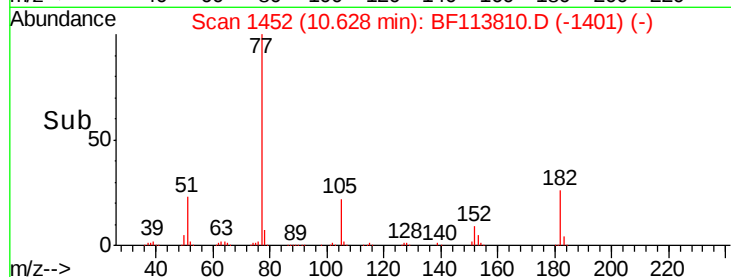
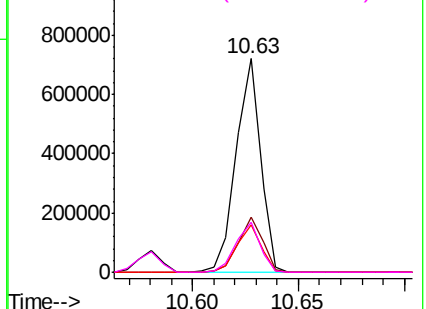


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.41 min Scan# 1585

Delta R.T. -0.00 min

Lab File: BF113810.D

Acq: 18 Apr 2019 8:36

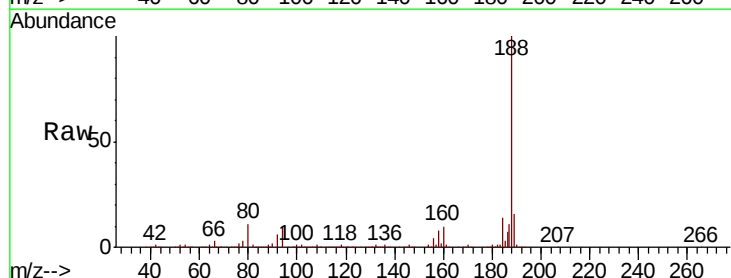
Tgt Ion: 188 Resp: 737775

Ion Ratio Lower Upper

188 100

94 10.3 8.2 12.4

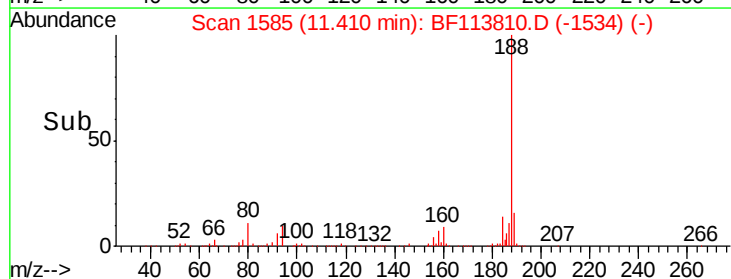
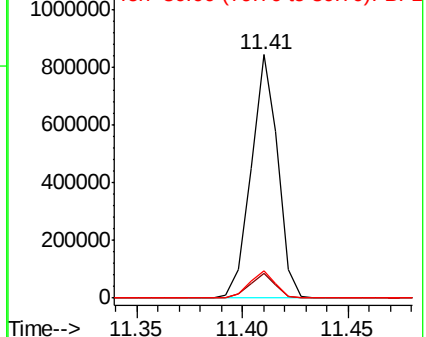
80 11.4 9.0 13.6

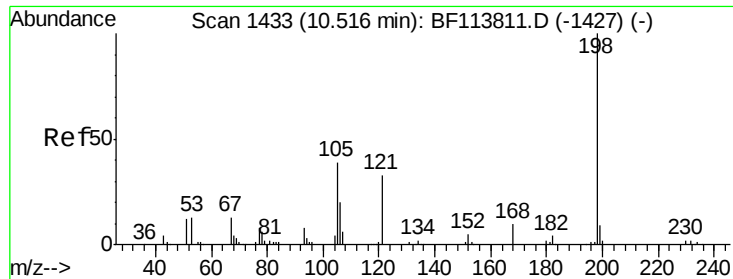


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

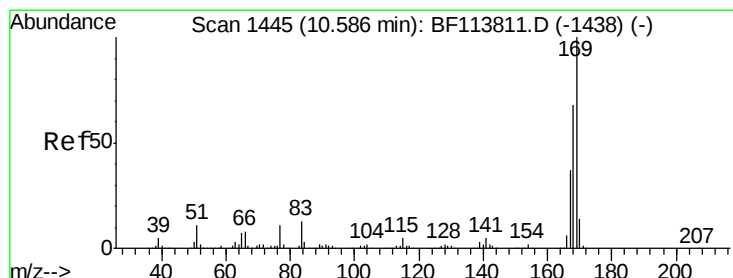
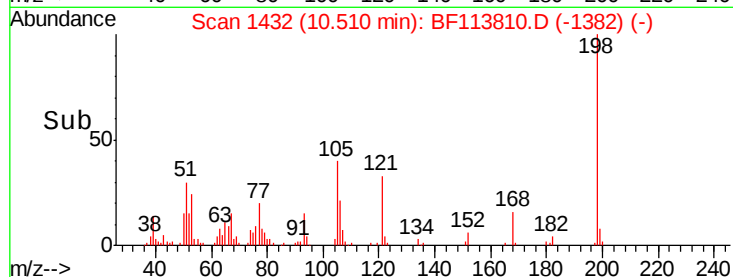
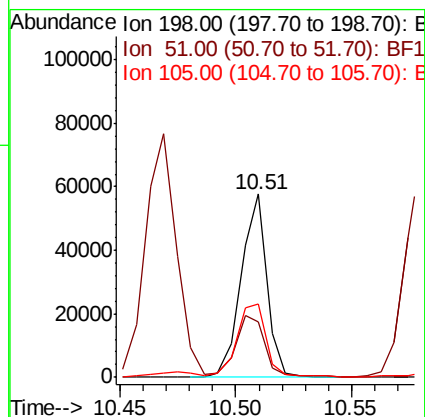
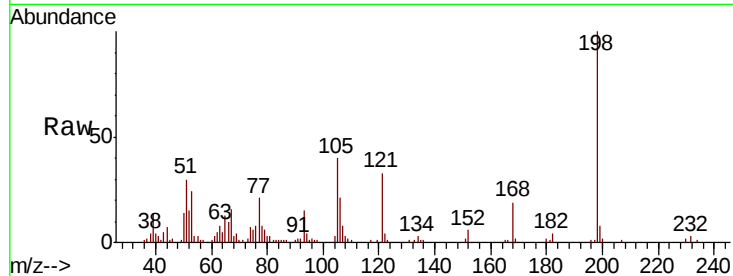




#65
 4,6-Dinitro-2-methylphenol
 Concen: 11.594 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF113810.D
 Acq: 18 Apr 2019 8:36

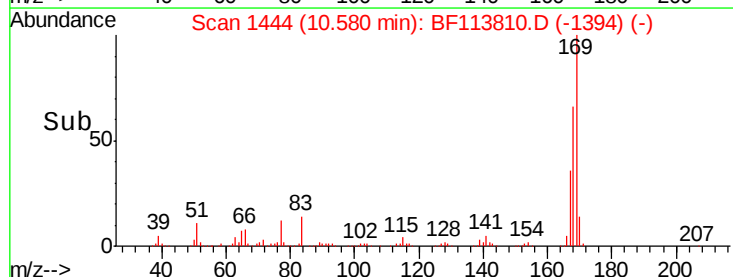
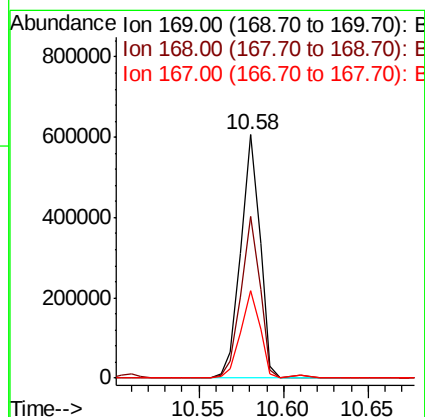
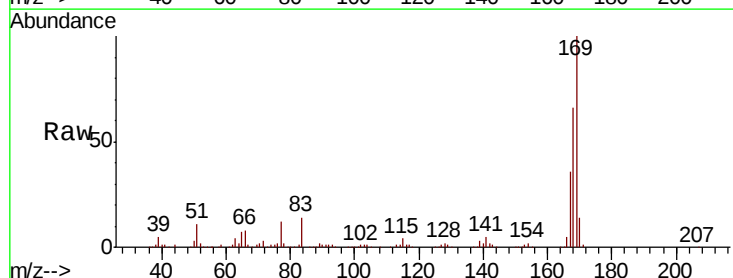
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

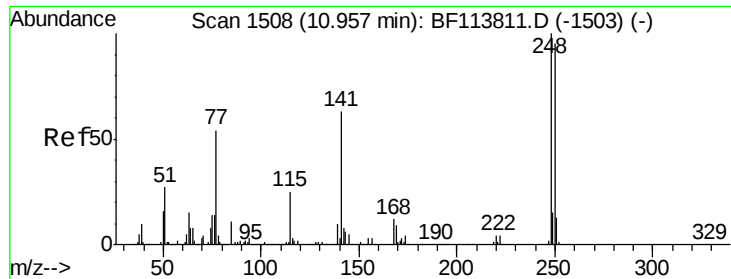
Tot Ion:198 Resp: 45030
 Ion Ratio Lower Upper
 198 100
 51 29.9 11.1 51.1
 105 39.8 20.7 60.7



#66
 n-Nitrosodiphenylamine
 Concen: 21.230 ng
 RT: 10.58 min Scan# 1444
 Delta R.T. -0.01 min
 Lab File: BF113810.D
 Acq: 18 Apr 2019 8:36

Tgt Ion:169 Resp: 480854
 Ion Ratio Lower Upper
 169 100
 168 66.4 54.3 81.5
 167 36.1 29.4 44.0

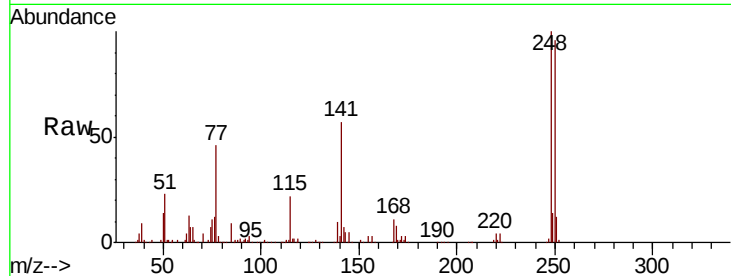




#67
4-Bromophenyl-phenylether
Concen: 22.263 ng
RT: 10.96 min Scan# 1508
Delta R.T. -0.00 min
Lab File: BF113810.D
Acq: 18 Apr 2019 8:36

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.2	75.8	113.6
141	56.7	50.2	75.4

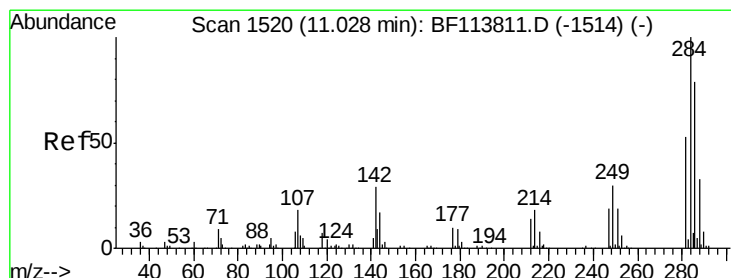
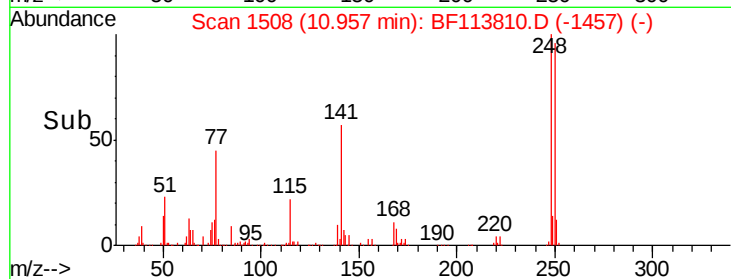
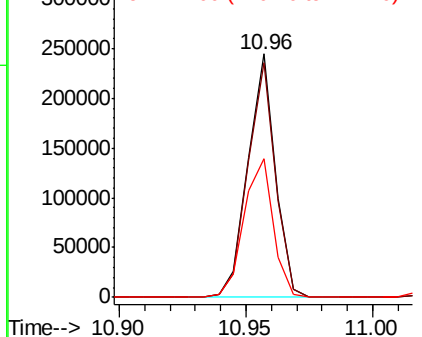


Abundance

Ion 248.00 (247.70 to 248.70): E

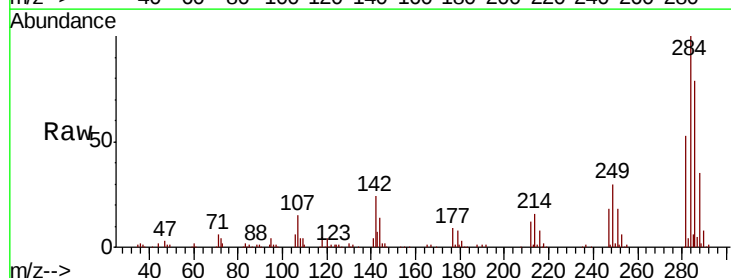
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 21.319 ng
RT: 11.03 min Scan# 1520
Delta R.T. -0.00 min
Lab File: BF113810.D
Acq: 18 Apr 2019 8:36

Tgt Ion	Ratio	Lower	Upper
284	100		
142	23.9	23.0	34.4
249	30.0	24.4	36.6

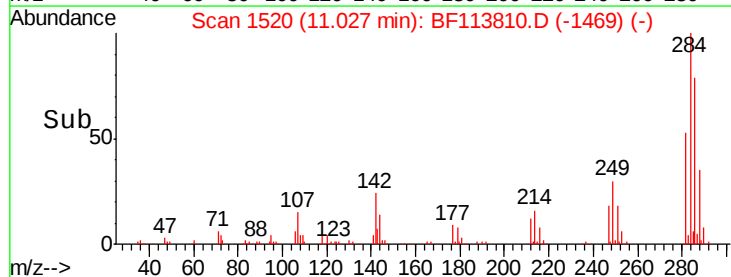
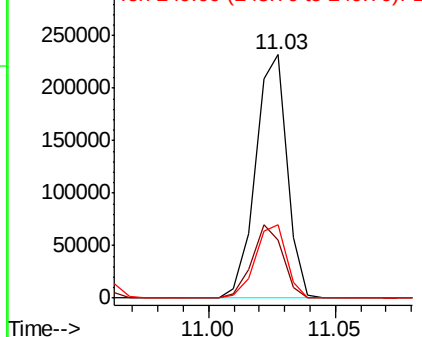


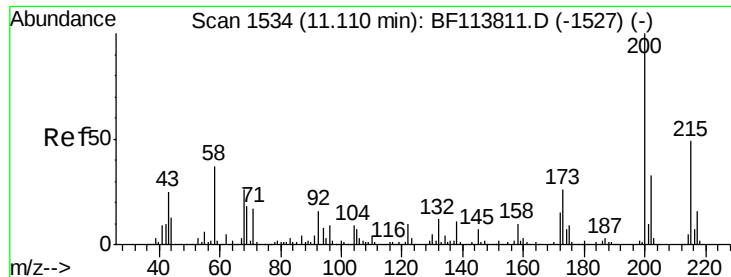
Abundance

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

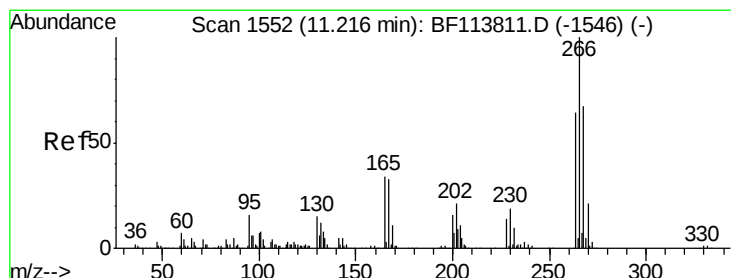
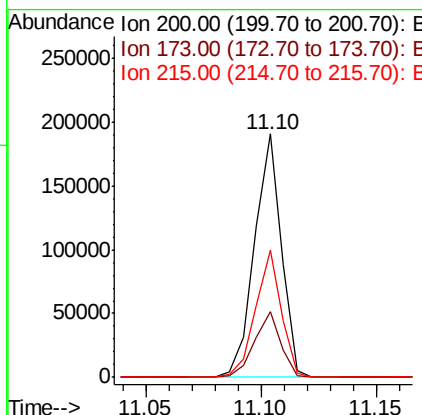
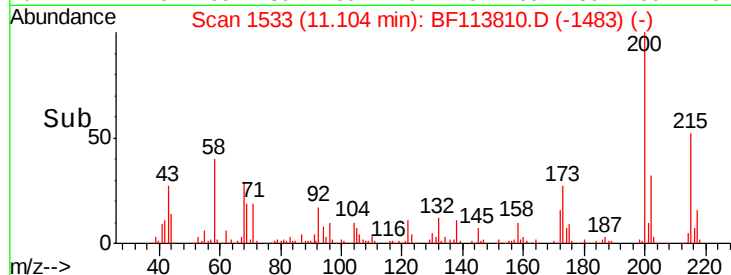
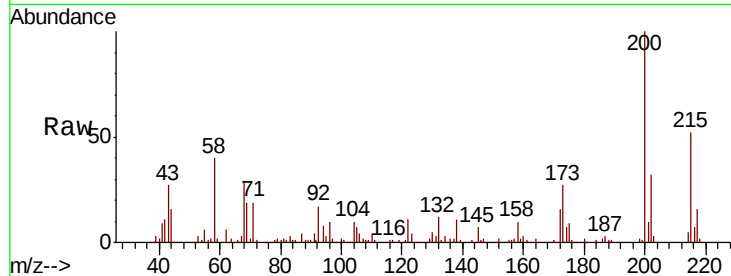




#69
 Atrazine
 Concen: 21.755 ng
 RT: 11.10 min Scan# 1533
 Delta R.T. -0.01 min
 Lab File: BF113810.D
 Acq: 18 Apr 2019 8:36

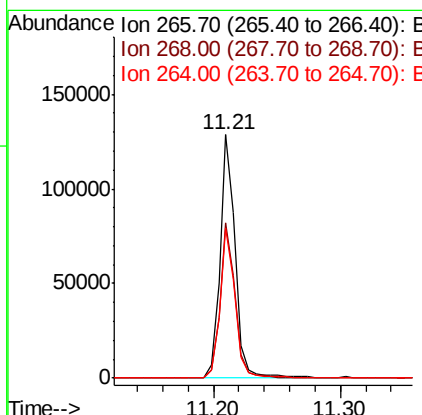
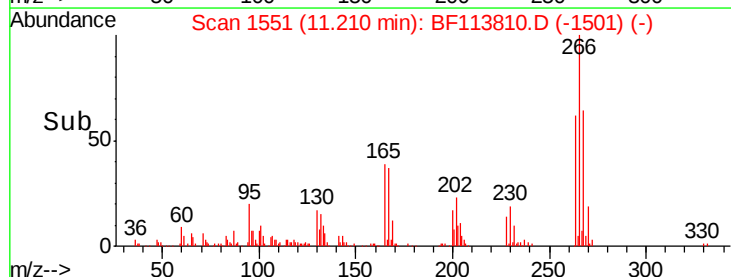
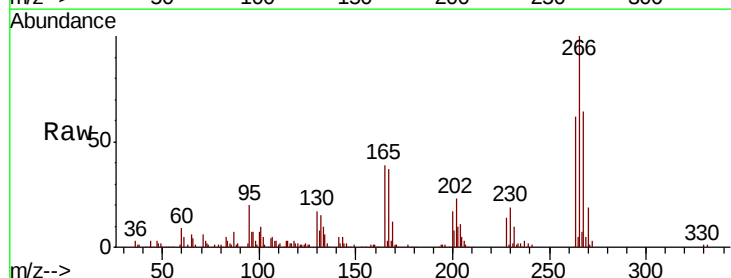
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

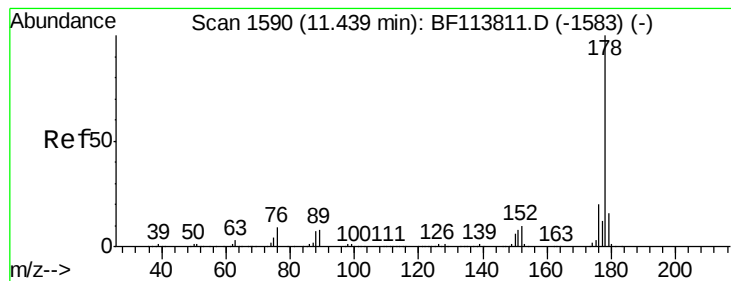
Tot Ion	Ratio	Lower	Upper
200	100		
173	26.9	5.9	45.9
215	52.2	29.3	69.3



#70
 Pentachlorophenol
 Concen: 24.275 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF113810.D
 Acq: 18 Apr 2019 8:36

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.7	53.5	80.3
264	61.8	51.0	76.6





#71

Phenanthrene

Concen: 22.737 ng

RT: 11.43 min Scan# 1589

Delta R.T. -0.01 min

Lab File: BF113810.D

Acq: 18 Apr 2019 8:36

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

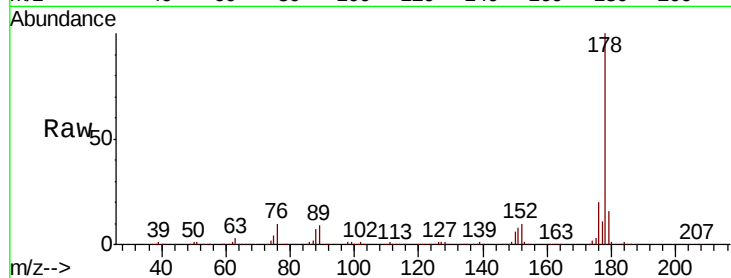
Tot Ion:178 Resp: 833553

Ion Ratio Lower Upper

178 100

176 19.8 16.1 24.1

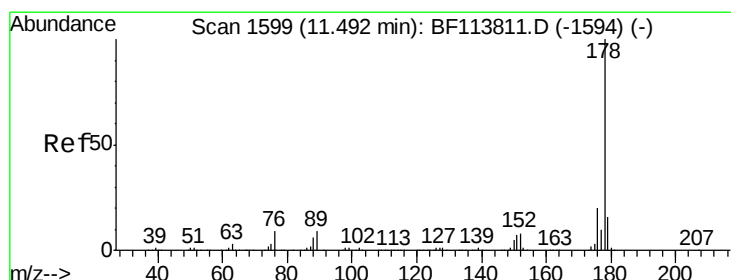
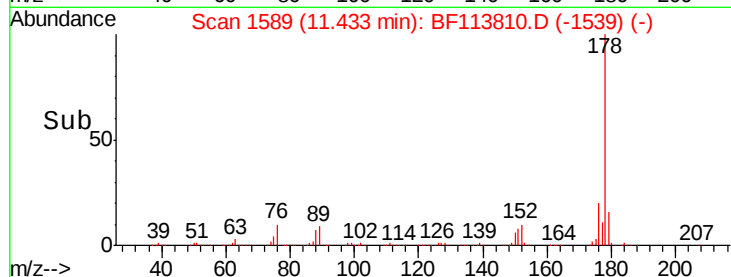
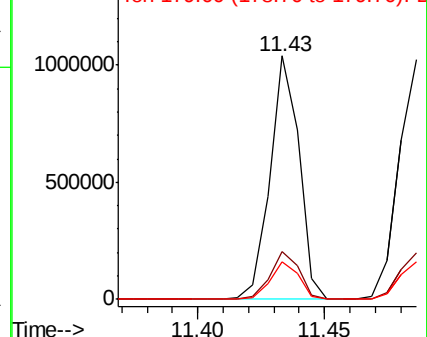
179 15.6 12.8 19.2



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



#72

Anthracene

Concen: 22.652 ng

RT: 11.49 min Scan# 1598

Delta R.T. -0.01 min

Lab File: BF113810.D

Acq: 18 Apr 2019 8:36

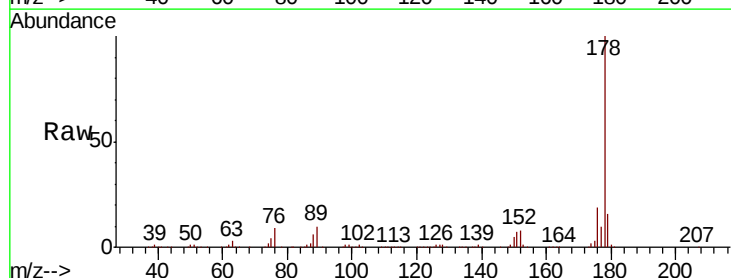
Tgt Ion:178 Resp: 844904

Ion Ratio Lower Upper

178 100

176 19.2 15.7 23.5

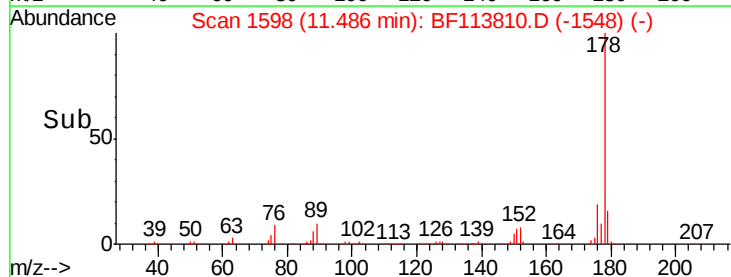
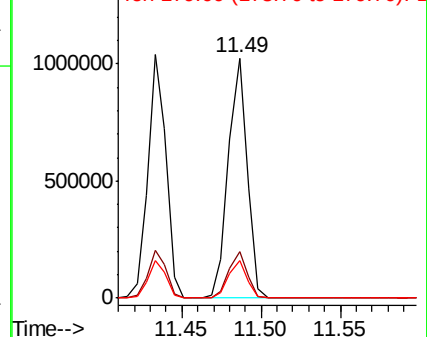
179 15.6 13.0 19.4

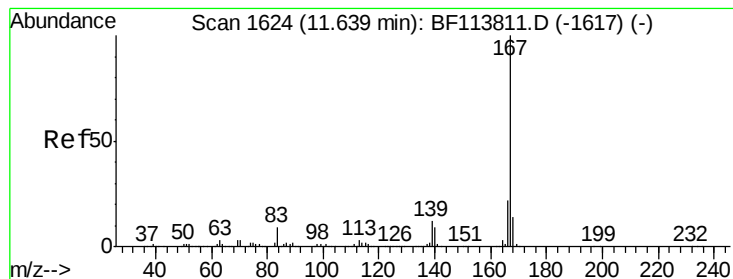


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 22.035 ng

RT: 11.63 min Scan# 1623

Delta R.T. -0.01 min

Lab File: BF113810.D

Acq: 18 Apr 2019 8:36

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

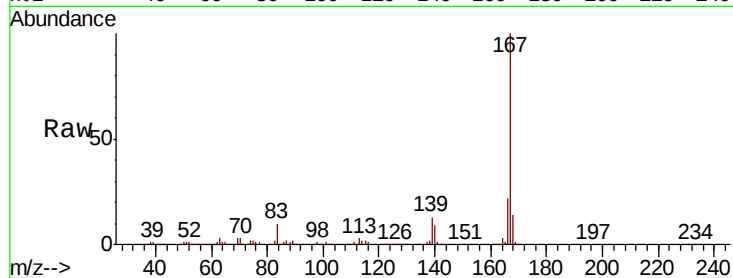
Tot Ion:167 Resp: 768698

Ion Ratio Lower Upper

167 100

166 21.8 17.7 26.5

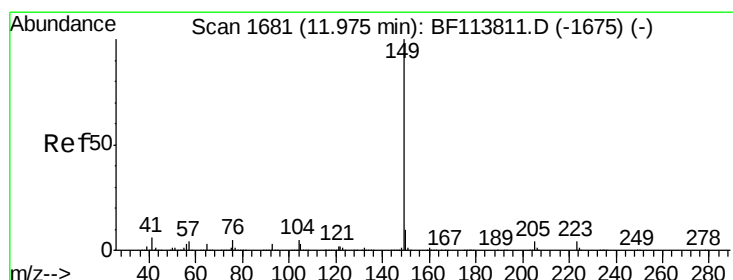
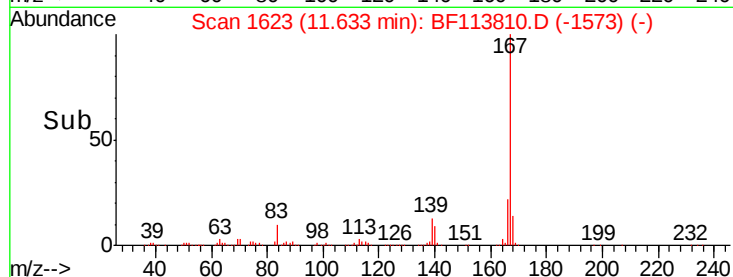
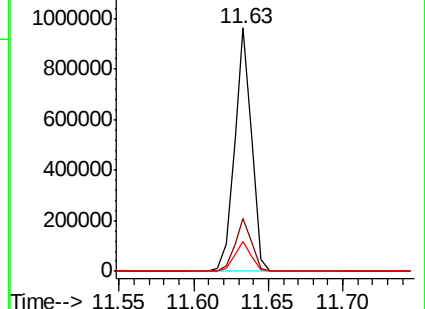
139 12.5 10.0 15.0



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



#74

Di-n-butylphthalate

Concen: 20.463 ng

RT: 11.97 min Scan# 1681

Delta R.T. -0.00 min

Lab File: BF113810.D

Acq: 18 Apr 2019 8:36

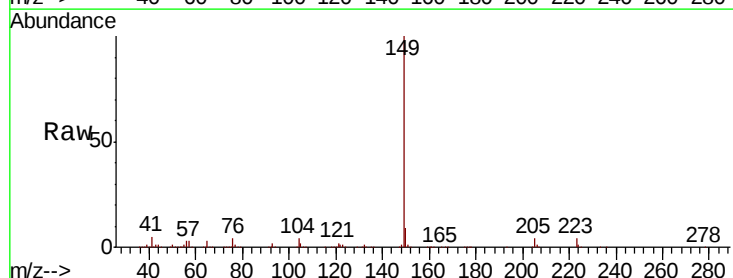
Tgt Ion:149 Resp: 849208

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.8

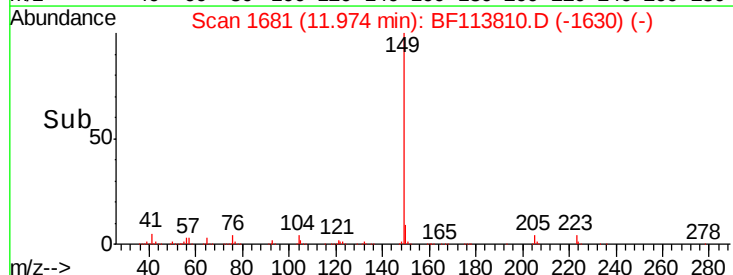
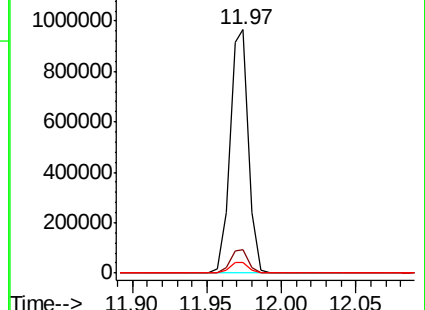
104 4.5 3.8 5.8

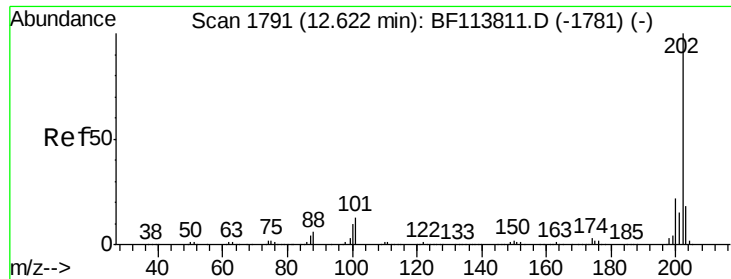


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

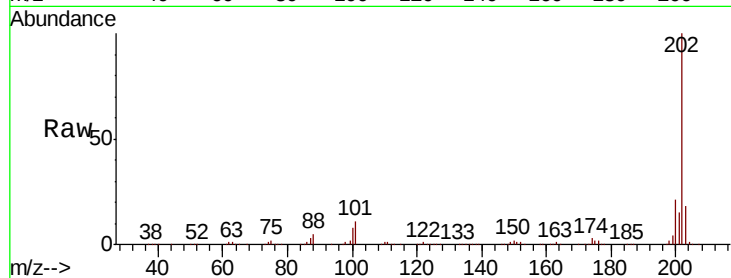




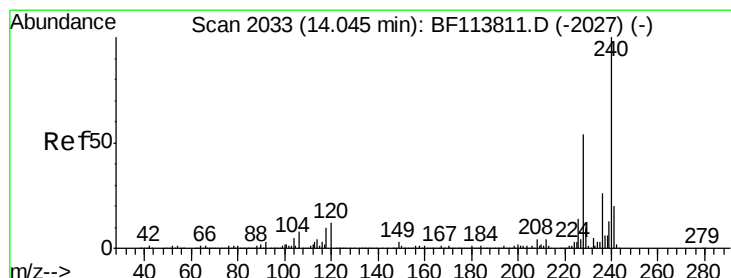
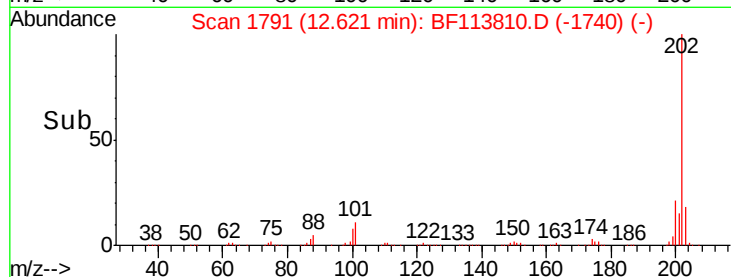
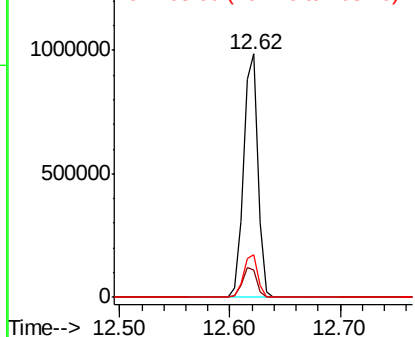
#75
Fluoranthene
Concen: 22.928 ng
RT: 12.62 min Scan# 1791
Delta R.T. -0.00 min
Lab File: BF113810.D
Acq: 18 Apr 2019 8:36

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	32.9
203	17.5	0.0	38.2

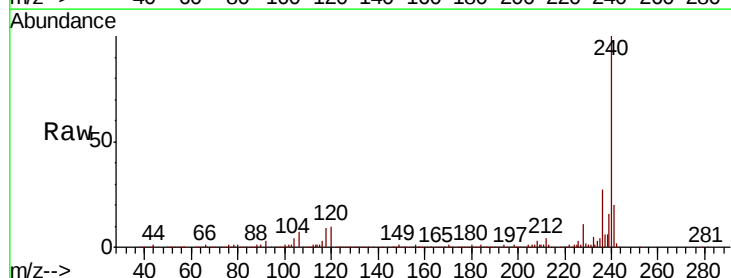


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

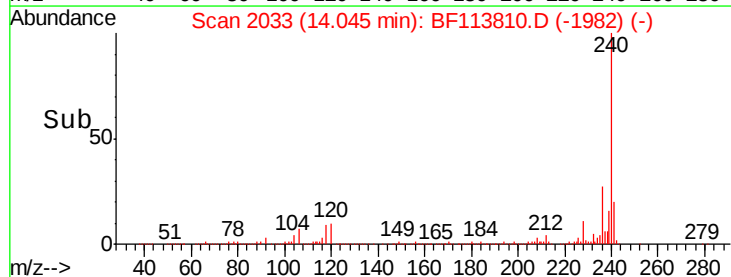
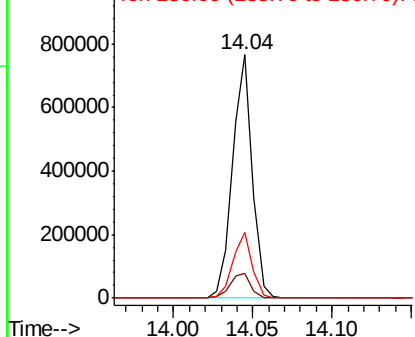


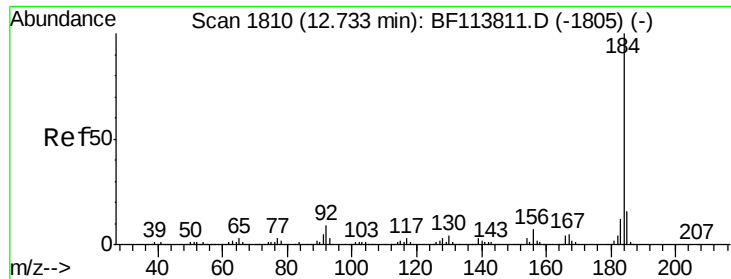
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.00 min
Lab File: BF113810.D
Acq: 18 Apr 2019 8:36

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.9	9.3	13.9
236	26.9	21.2	31.8



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

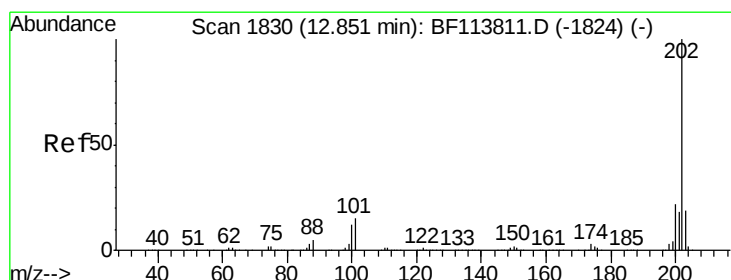
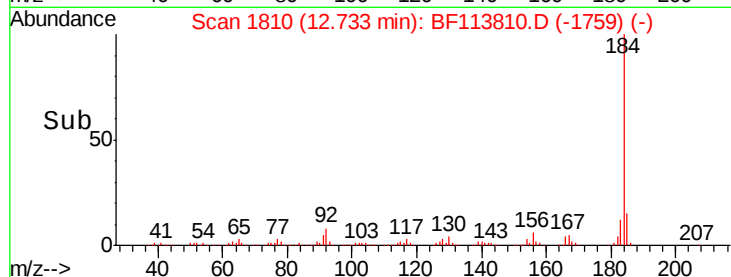
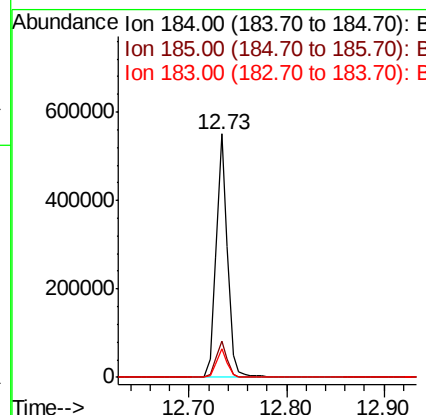
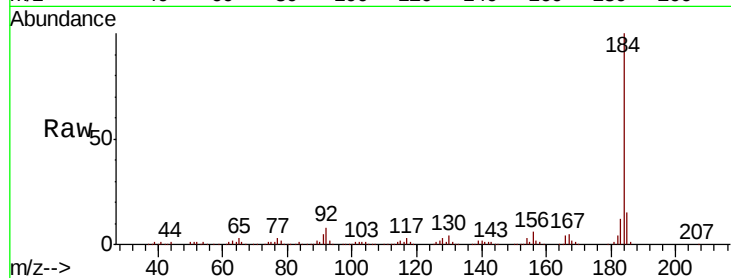




#77
Benzidine
Concen: 18.137 ng
RT: 12.73 min Scan# 1810
Delta R.T. -0.00 min
Lab File: BF113810.D
Acq: 18 Apr 2019 8:36

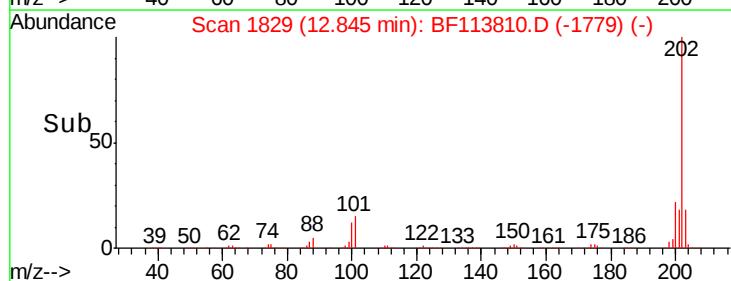
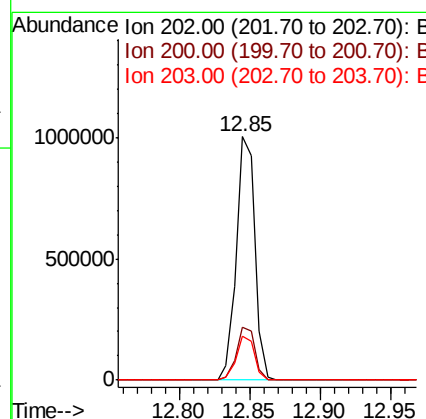
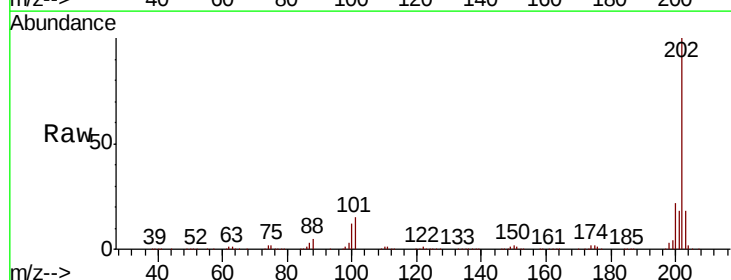
Instrument :
BNA_F
ClientSampleId :
SSTDIC020

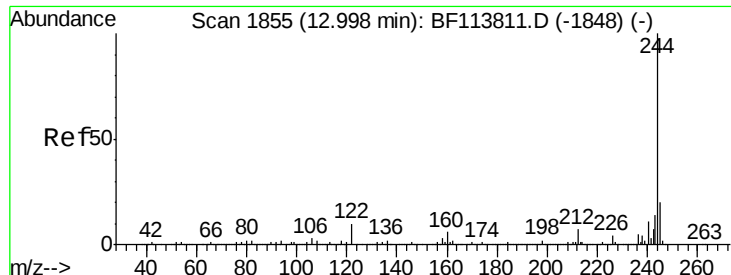
Tot Ion:184 Resp: 441743
Ion Ratio Lower Upper
184 100
185 14.8 13.0 19.6
183 11.6 9.4 14.0



#78
Pyrene
Concen: 18.452 ng
RT: 12.85 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF113810.D
Acq: 18 Apr 2019 8:36

Tgt Ion:202 Resp: 919568
Ion Ratio Lower Upper
202 100
200 21.6 17.7 26.5
203 17.8 15.0 22.6





#79

Terphenyl-d14

Concen: 41.248 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF113810.D

Acq: 18 Apr 2019 8:36

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

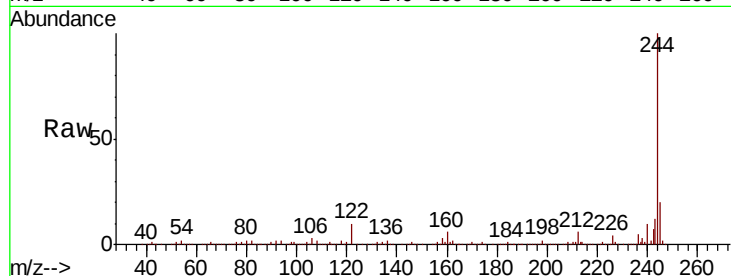
Tot Ion:244 Resp: 1326898

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.2

122 10.0 7.6 11.4

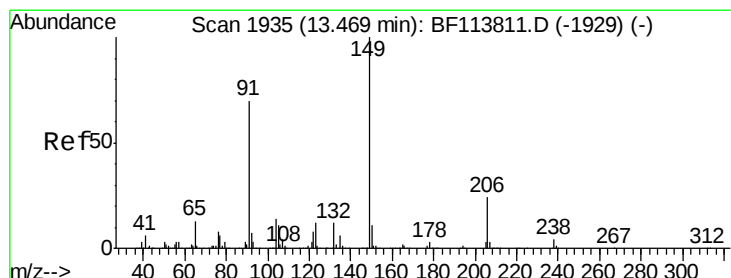
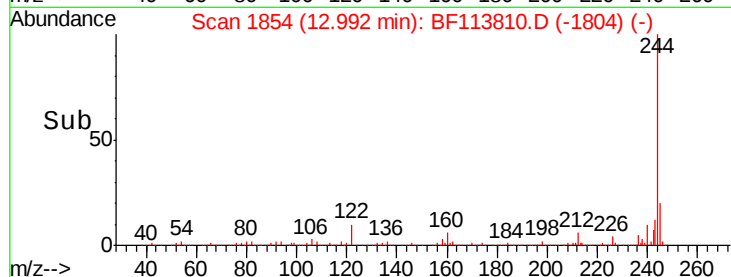
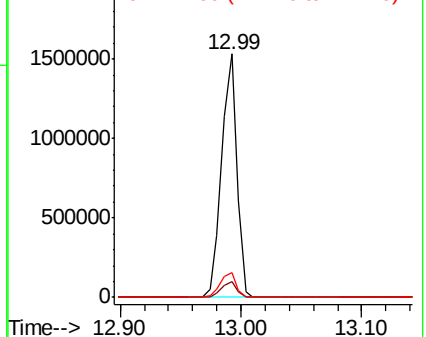


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 15.973 ng

RT: 13.46 min Scan# 1934

Delta R.T. -0.01 min

Lab File: BF113810.D

Acq: 18 Apr 2019 8:36

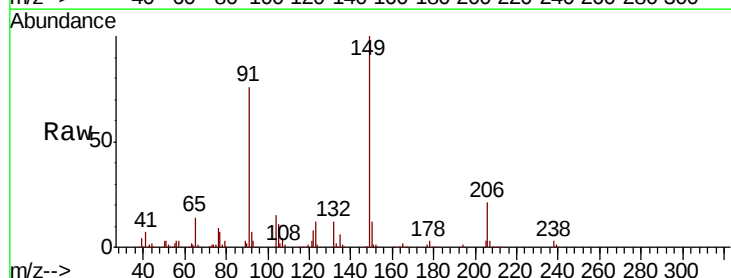
Tgt Ion:149 Resp: 324022

Ion Ratio Lower Upper

149 100

91 76.0 56.3 84.5

206 20.7 19.0 28.6

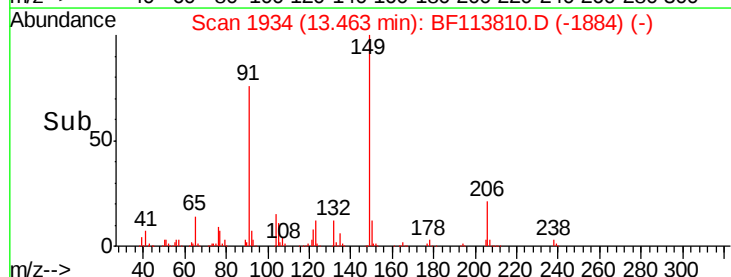
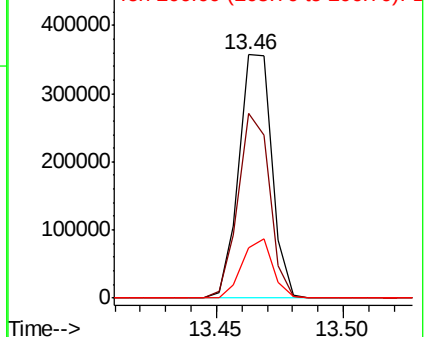


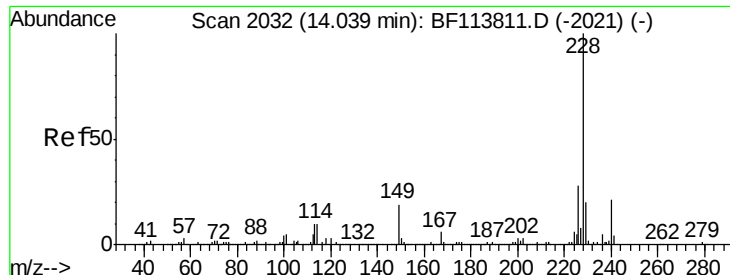
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 21.821 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BF113810.D

Acq: 18 Apr 2019 8:36

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

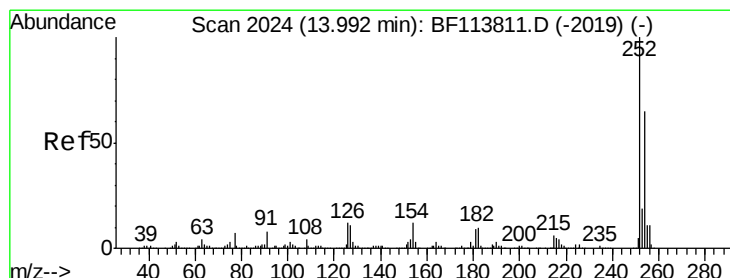
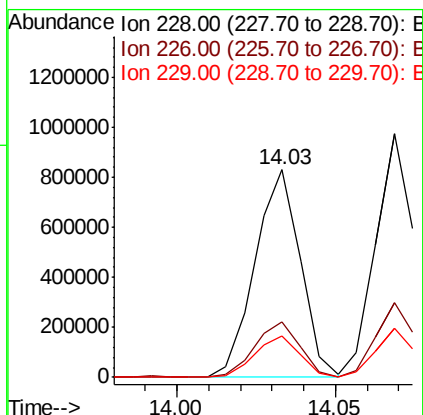
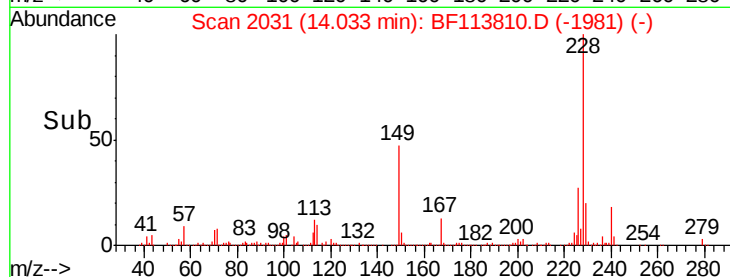
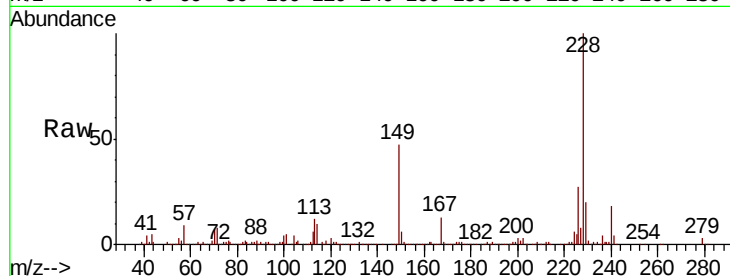
Tot Ion:228 Resp: 824459

Ion Ratio Lower Upper

228 100

226 26.8 22.2 33.2

229 20.1 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 21.399 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.00 min

Lab File: BF113810.D

Acq: 18 Apr 2019 8:36

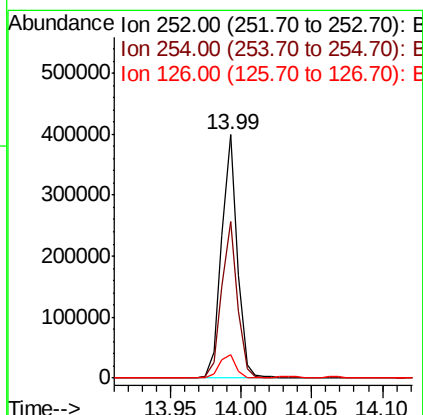
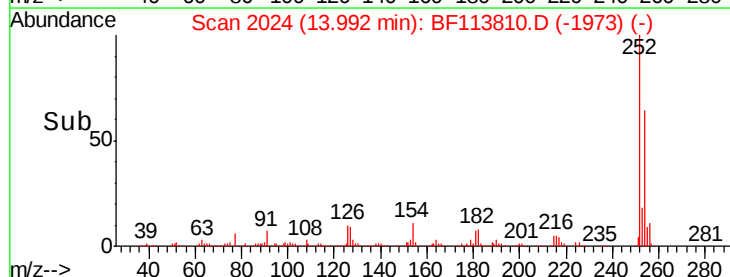
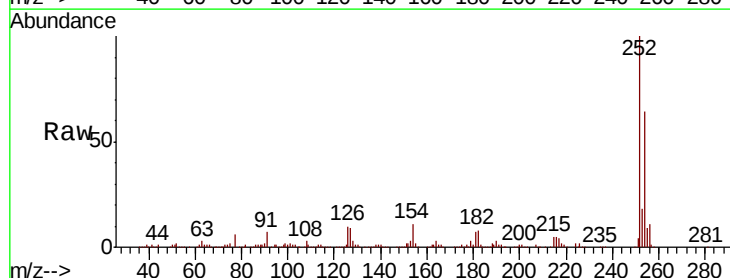
Tgt Ion:252 Resp: 311403

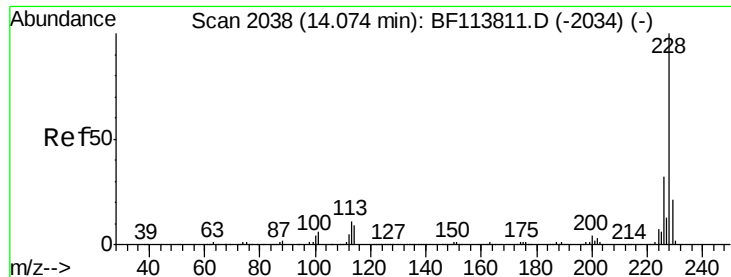
Ion Ratio Lower Upper

252 100

254 64.2 52.1 78.1

126 9.9 9.3 13.9





#83

Chrysene

Concen: 21.027 ng

RT: 14.07 min Scan# 2037

Delta R.T. -0.01 min

Lab File: BF113810.D

Acq: 18 Apr 2019 8:36

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

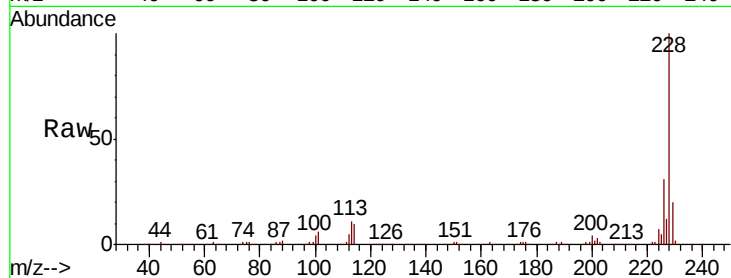
Tot Ion:228 Resp: 805358

Ion Ratio Lower Upper

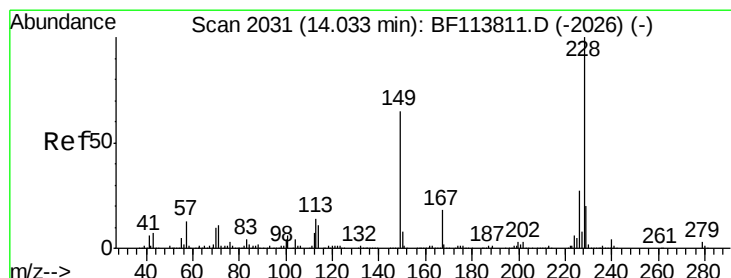
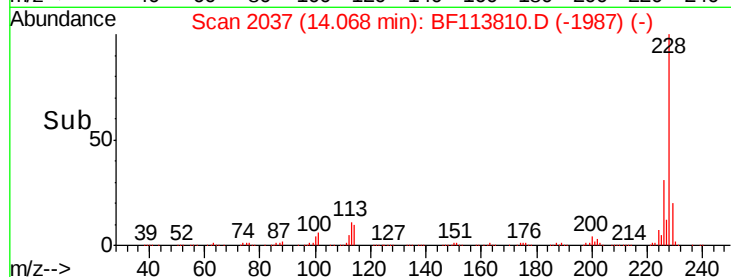
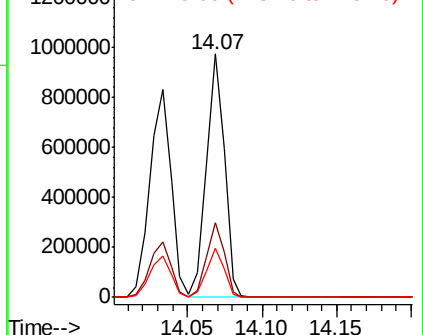
228 100

226 30.8 25.2 37.8

229 20.4 16.7 25.1



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: 17.124 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF113810.D

Acq: 18 Apr 2019 8:36

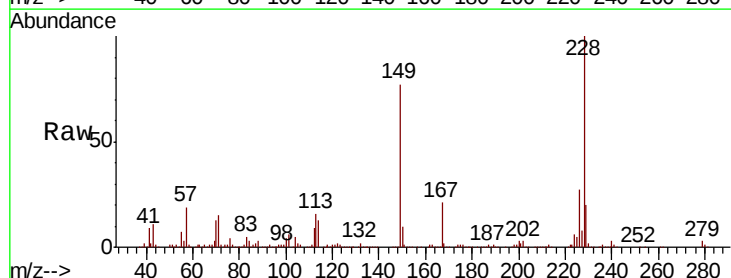
Tgt Ion:149 Resp: 419996

Ion Ratio Lower Upper

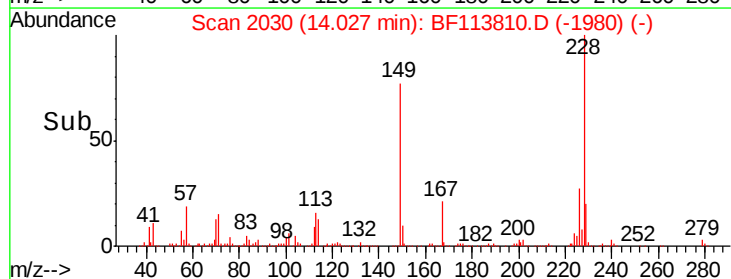
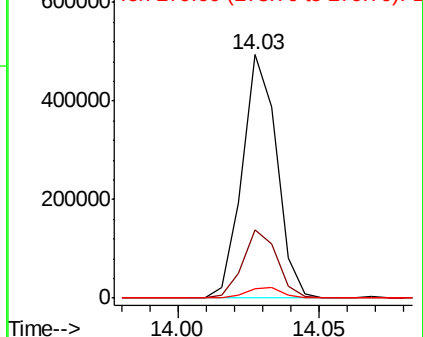
149 100

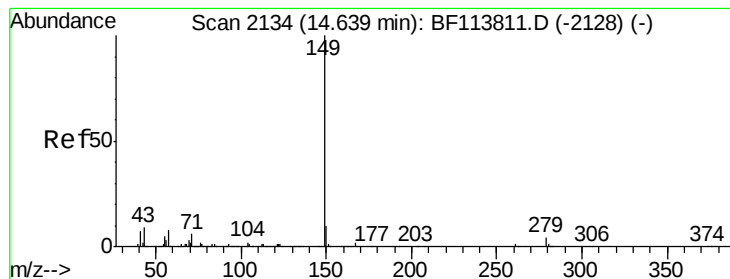
167 27.8 22.9 34.3

279 4.0 4.2 6.2#



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: 16.589 ng

RT: 14.64 min Scan# 2134

Delta R.T. -0.00 min

Lab File: BF113810.D

Acq: 18 Apr 2019 8:36

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

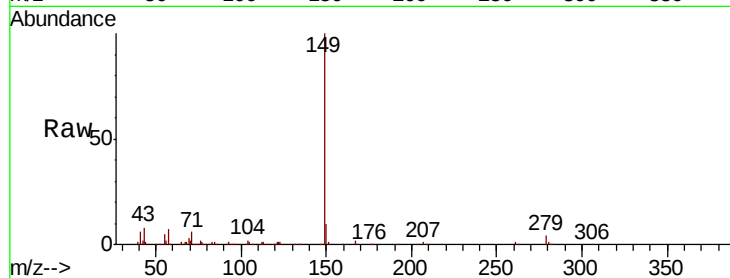
Tot Ion:149 Resp: 661365

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

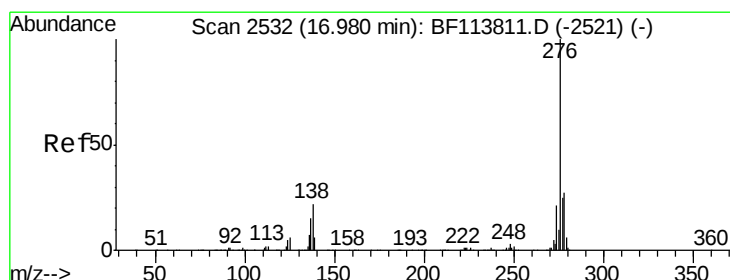
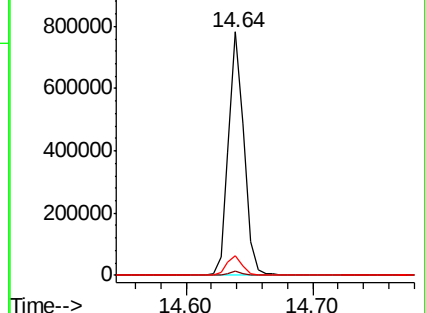
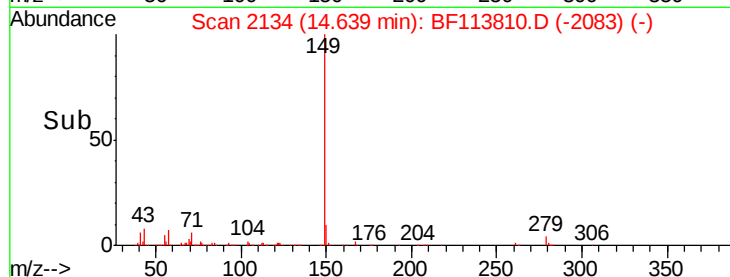
43 8.7 6.6 10.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 15.550 ng

RT: 16.97 min Scan# 2531

Delta R.T. -0.01 min

Lab File: BF113810.D

Acq: 18 Apr 2019 8:36

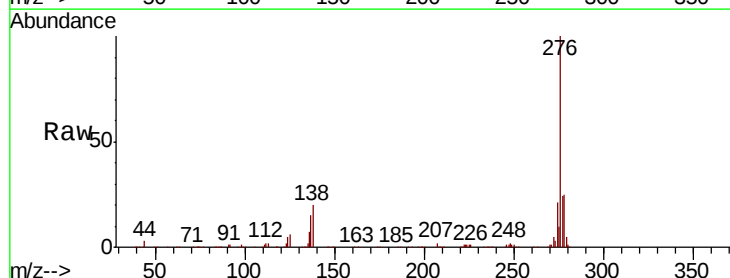
Tgt Ion:276 Resp: 549885

Ion Ratio Lower Upper

276 100

138 24.0 19.6 29.4

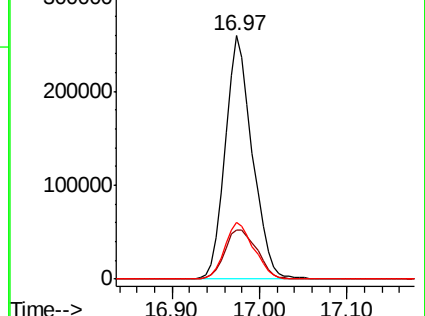
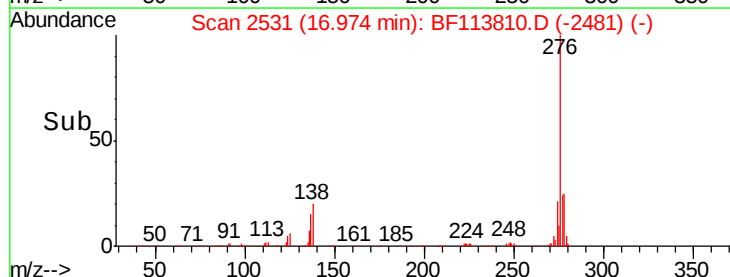
277 24.8 20.2 30.4

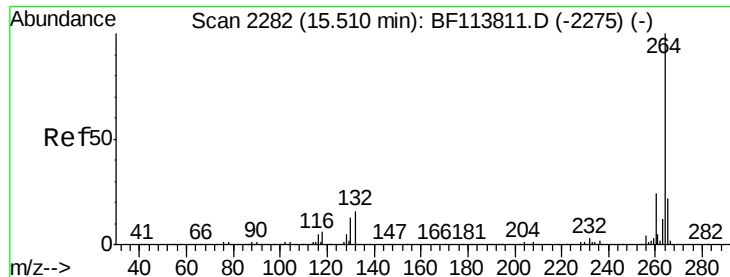


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.51 min Scan# 2282

Delta R.T. -0.00 min

Lab File: BF113810.D

Acq: 18 Apr 2019 8:36

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

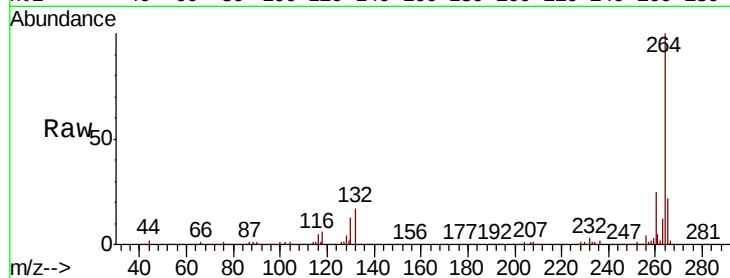
Tot Ion:264 Resp: 540442

Ion Ratio Lower Upper

264 100

260 24.7 18.9 28.3

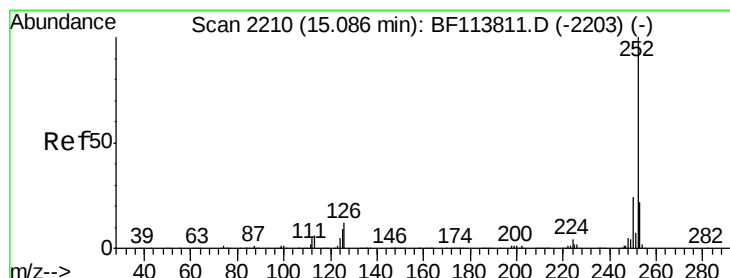
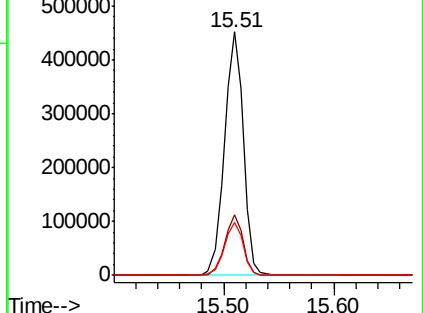
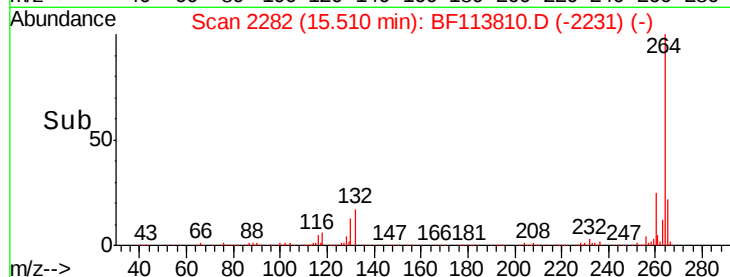
265 21.6 17.3 25.9



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: 21.198 ng

RT: 15.08 min Scan# 2209

Delta R.T. -0.01 min

Lab File: BF113810.D

Acq: 18 Apr 2019 8:36

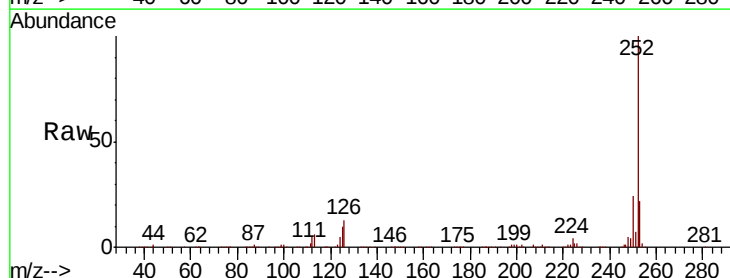
Tgt Ion:252 Resp: 701272

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.6

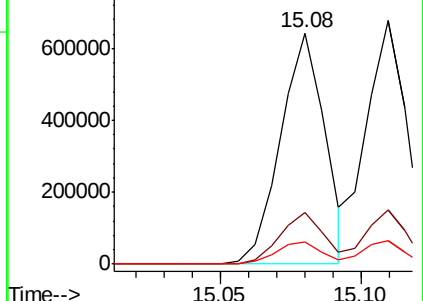
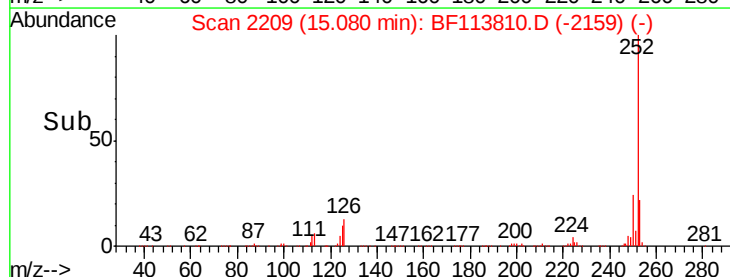
125 9.6 7.0 10.6

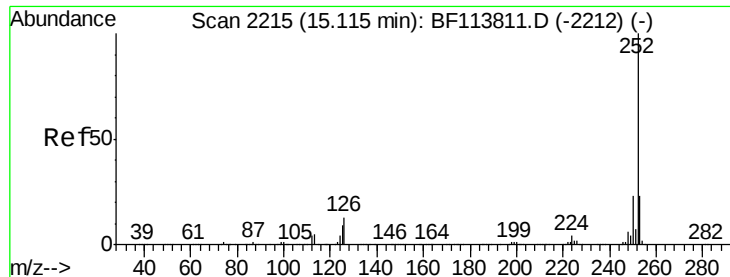


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

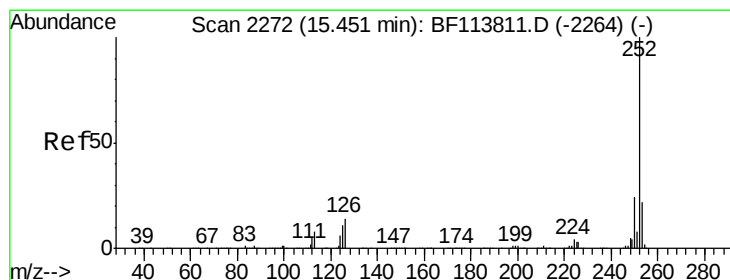
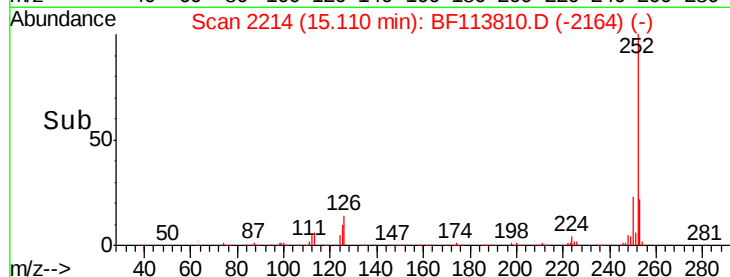
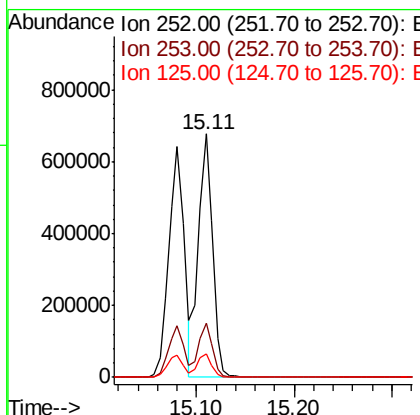
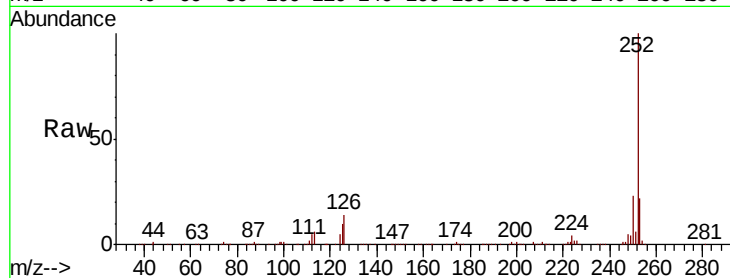




#89
Benzo(k)fluoranthene
Concen: 22.966 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF113810.D
Acq: 18 Apr 2019 8:36

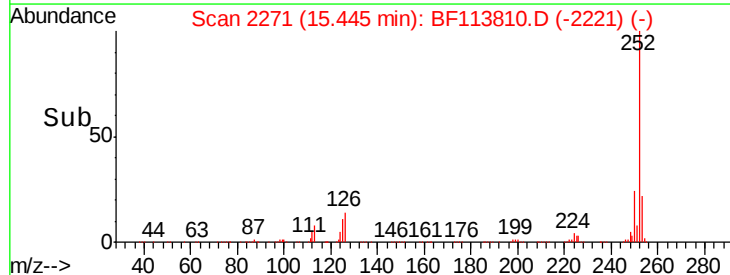
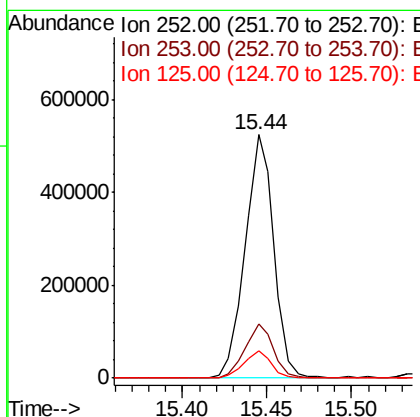
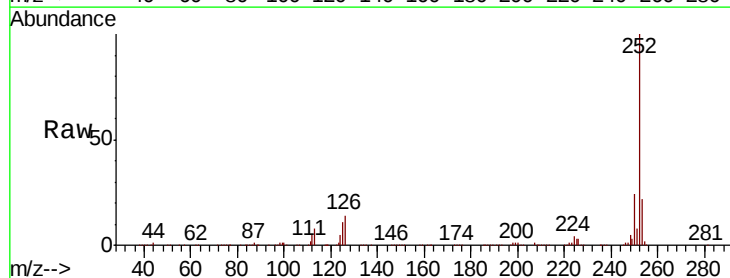
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

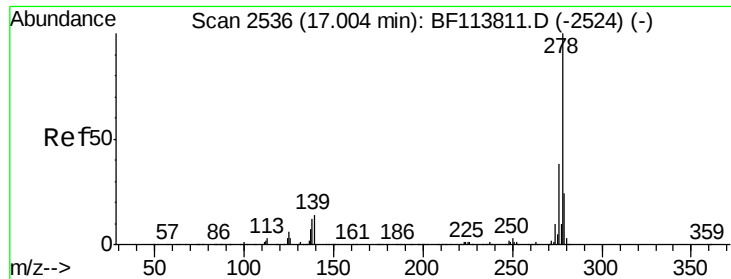
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.2
125	9.7	7.4	11.2



#90
Benzo(a)pyrene
Concen: 21.064 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BF113810.D
Acq: 18 Apr 2019 8:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	11.2	8.5	12.7





#91

Dibenzo(a,h)anthracene

Concen: 16.584 ng

RT: 17.00 min Scan# 2535

Delta R.T. -0.01 min

Lab File: BF113810.D

Acq: 18 Apr 2019 8:36

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

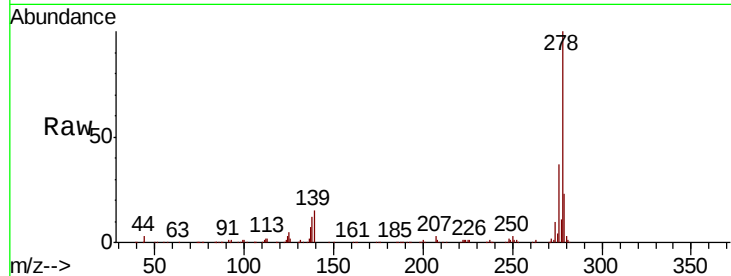
Tot Ion:278 Resp: 455896

Ion Ratio Lower Upper

278 100

139 14.7 11.6 17.4

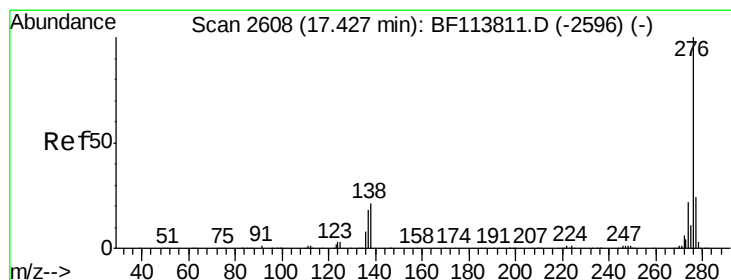
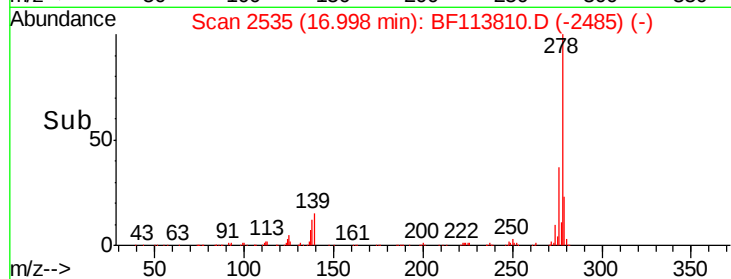
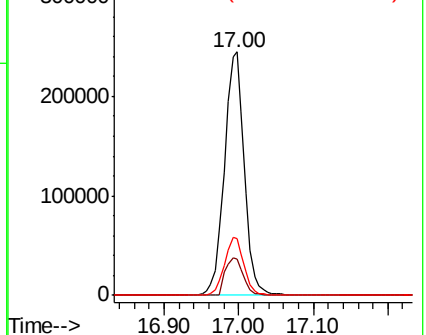
279 23.2 19.0 28.6



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: 15.330 ng

RT: 17.42 min Scan# 2606

Delta R.T. -0.01 min

Lab File: BF113810.D

Acq: 18 Apr 2019 8:36

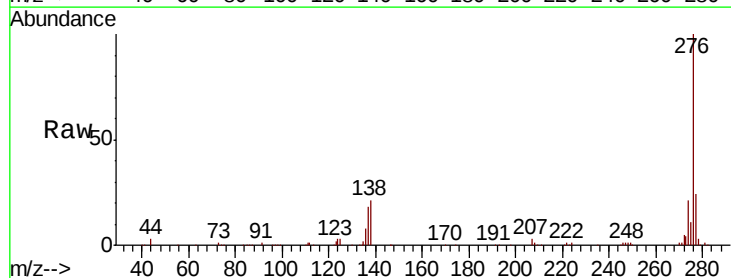
Tgt Ion:276 Resp: 430149

Ion Ratio Lower Upper

276 100

277 23.9 19.0 28.4

138 21.1 16.6 25.0



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

