

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032919\
 Data File : BF113410.D
 Acq On : 29 Mar 2019 13:31
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Mar 30 00:52:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 03:32:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	154475	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	605510	20.00	ng	0.00
39) Acenaphthene-d10	9.74	164	289306	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	570201	20.00	ng	0.00
76) Chrysene-d12	13.84	240	394302	20.00	ng	0.00
87) Perylene-d12	15.24	264	312973	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	753031	79.71	ng	0.00
7) Phenol-d6	6.36	99	934217	78.17	ng	0.00
23) Nitrobenzene-d5	7.27	82	859585	84.26	ng	0.00
42) 2,4,6-Tribromophenol	10.53	330	289355	80.97	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1531263	82.42	ng	0.00
79) Terphenyl-d14	12.79	244	1626203	90.91	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.36	88	177573	37.046	ng	99
3) Pyridine	3.07	79	464621	39.320	ng	97
4) n-Nitrosodimethylamine	3.01	42	194533	37.032	ng	89
6) Aniline	6.37	93	578043	39.717	ng	95
8) 2-Chlorophenol	6.49	128	437050	39.838	ng	98
9) Benzaldehyde	6.25	77	316606	39.478	ng	99
10) Phenol	6.37	94	530900	38.910	ng	99
11) bis(2-Chloroethyl)ether	6.44	93	412963	39.485	ng	99
12) 1,3-Dichlorobenzene	6.65	146	466924	39.484	ng	99
13) 1,4-Dichlorobenzene	6.72	146	471024	41.252	ng	100
14) 1,2-Dichlorobenzene	6.87	146	429367	38.223	ng	99
15) Benzyl Alcohol	6.85	79	327164	41.495	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.99	45	644376	41.012	ng	99
17) 2-Methylphenol	6.97	107	346883	40.346	ng	98
18) Hexachloroethane	7.22	117	170697	41.622	ng	97
19) n-Nitroso-di-n-propylamine	7.13	70	281532	37.502	ng	98
20) 3+4-Methylphenols	7.13	107	416980	41.670	ng	98
22) Acetophenone	7.12	105	547099	39.619	ng	99
24) Nitrobenzene	7.29	77	446178	41.912	ng	94
25) Isophorone	7.53	82	796848	40.305	ng	97
26) 2-Nitrophenol	7.60	139	241473	42.913	ng	97
27) 2,4-Dimethylphenol	7.65	122	338948	41.874	ng	98
28) bis(2-Chloroethoxy)methane	7.74	93	522457	41.964	ng	99
29) 2,4-Dichlorophenol	7.86	162	366023	41.728	ng	99
30) 1,2,4-Trichlorobenzene	7.93	180	392796	41.505	ng	97
31) Naphthalene	8.01	128	1220423	41.245	ng	100
32) Benzoic acid	7.79	122	196669	30.184	ng	98
33) 4-Chloroaniline	8.06	127	508239	44.047	ng	97
34) Hexachlorobutadiene	8.13	225	234944	41.769	ng	100
35) Caprolactam	8.44	113	117070	41.585	ng	98
36) 4-Chloro-3-methylphenol	8.55	107	365900	41.473	ng	98
37) 2-Methylnaphthalene	8.70	142	788807	42.724	ng	100
38) 1-Methylnaphthalene	8.80	142	758587	42.716	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.87	216	383309	41.275	ng	99

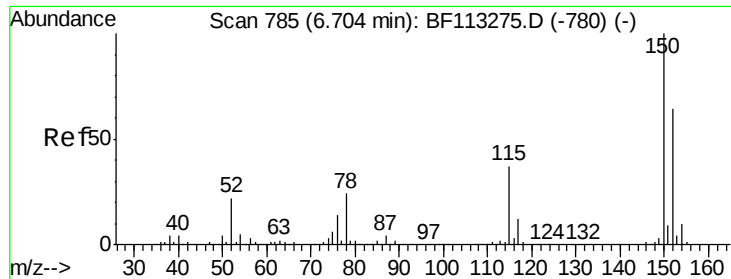
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032919\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.86	237	117890	29.991	ng	98
43) 2,4,6-Trichlorophenol	8.99	196	246042	40.685	ng	99
44) 2,4,5-Trichlorophenol	9.03	196	268452	40.112	ng	100
46) 1,1'-Biphenyl	9.16	154	975075	40.355	ng	99
47) 2-Chloronaphthalene	9.19	162	745505	40.072	ng	99
48) 2-Nitroaniline	9.29	65	232708	39.859	ng	96
49) Acenaphthylene	9.60	152	1226713	40.780	ng	100
50) Dimethylphthalate	9.46	163	864187	40.307	ng	100
51) 2,6-Dinitrotoluene	9.53	165	193547	40.016	ng	97
52) Acenaphthene	9.77	154	688157	40.623	ng	100
53) 3-Nitroaniline	9.70	138	223204	40.921	ng	98
54) 2,4-Dinitrophenol	9.81	184	88384	36.740	ng	90
55) Dibenzofuran	9.94	168	1029122	40.410	ng	99
56) 4-Nitrophenol	9.87	139	142897	36.747	ng	88
57) 2,4-Dinitrotoluene	9.93	165	246051	40.002	ng	99
58) Fluorene	10.29	166	798152	40.344	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.07	232	233154	41.196	ng	97
60) Diethylphthalate	10.16	149	825634	39.255	ng	99
61) 4-Chlorophenyl-phenylether	10.27	204	392285	40.684	ng	94
62) 4-Nitroaniline	10.30	138	229418	40.851	ng	98
63) Azobenzene	10.43	77	802684	40.543	ng	97
65) 4,6-Dinitro-2-methylphenol	10.35	198	117526	37.678	ng	96
66) n-Nitrosodiphenylamine	10.39	169	709900	40.573	ng	100
67) 4-Bromophenyl-phenylether	10.76	248	256992	41.352	ng	95
68) Hexachlorobenzene	10.83	284	295920	41.022	ng	# 93
69) Atrazine	10.92	200	232312	42.065	ng	97
70) Pentachlorophenol	11.03	266	146514	38.984	ng	97
71) Phenanthrene	11.24	178	1150251	40.622	ng	100
72) Anthracene	11.29	178	1178638	40.979	ng	99
73) Carbazole	11.45	167	1140398	41.552	ng	99
74) Di-n-butylphthalate	11.78	149	1298321	40.794	ng	99
75) Fluoranthene	12.42	202	1248031	38.987	ng	99
77) Benzidine	12.55	184	653779	43.297	ng	99
78) Pyrene	12.65	202	1255748	45.958	ng	100
80) Butylbenzylphthalate	13.27	149	506118	42.030	ng	94
81) Benzo(a)anthracene	13.83	228	935599	41.452	ng	99
82) 3,3'-Dichlorobenzidine	13.80	252	378903	41.846	ng	99
83) Chrysene	13.87	228	951996	41.526	ng	100
84) Bis(2-ethylhexyl)phthalate	13.83	149	601762	40.764	ng	98
85) Di-n-octyl phthalate	14.43	149	961360	38.366	ng	100
86) Indeno(1,2,3-cd)pyrene	16.60	276	824479	41.905	ng	98
88) Benzo(b)fluoranthene	14.85	252	792168	40.746	ng	99
89) Benzo(k)fluoranthene	14.87	252	708554	41.500	ng	98
90) Benzo(a)pyrene	15.19	252	700581	40.647	ng	100
91) Dibenzo(a,h)anthracene	16.61	278	680093	45.634	ng	99
92) Benzo(g,h,i)perylene	17.01	276	696927	46.379	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.70 min Scan# 785

Delta R.T. 0.00 min

Lab File: BF113410.D

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SSTDCCC040EC

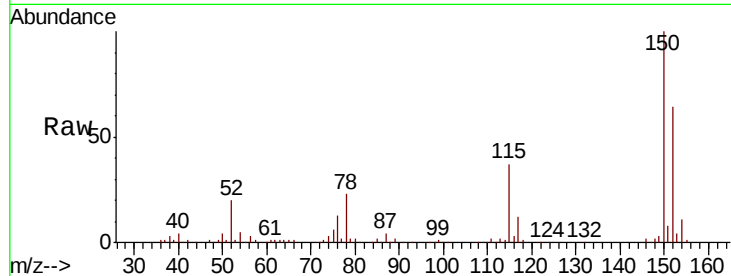
Tgt Ion: 152 Resp: 154475

Ion Ratio Lower Upper

152 100

150 155.8 124.7 187.1

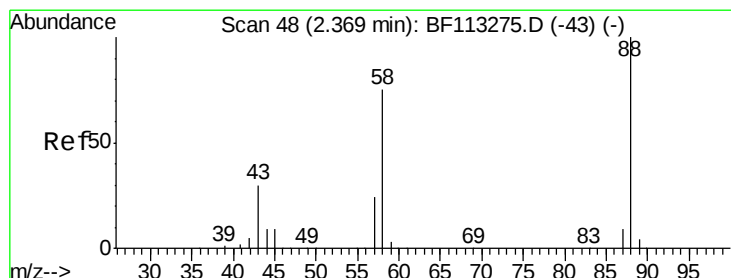
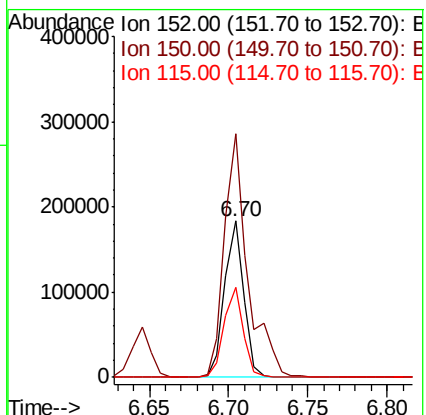
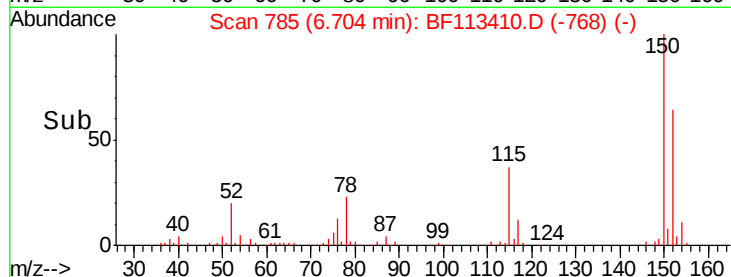
115 57.5 46.0 69.0



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: 37.046 ng

RT: 2.36 min Scan# 47

Delta R.T. -0.01 min

Lab File: BF113410.D

Acq: 29 Mar 2019 13:31

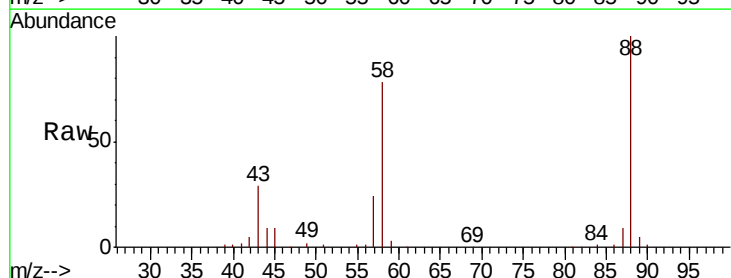
Tgt Ion: 88 Resp: 177573

Ion Ratio Lower Upper

88 100

58 77.1 61.9 92.9

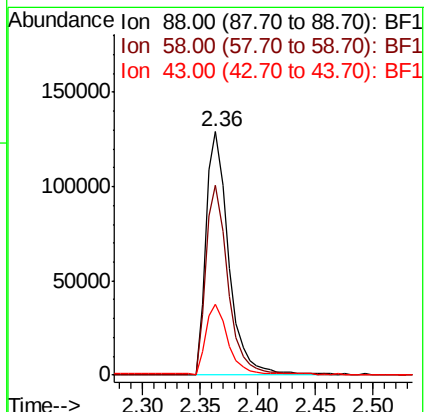
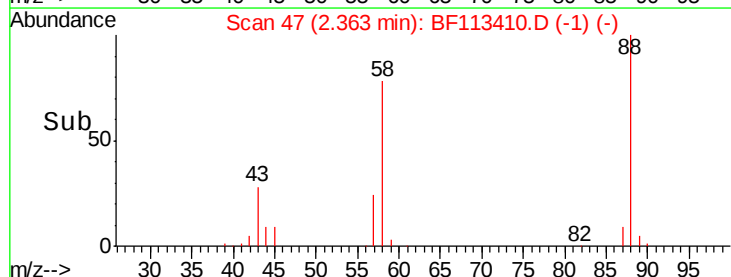
43 28.2 24.2 36.4

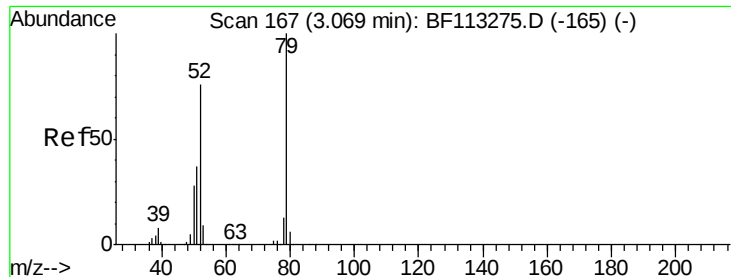


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pyridine

Concen: 39.320 ng

RT: 3.07 min Scan# 167

Delta R.T. 0.00 min

Lab File: BF113410.D

Acq: 29 Mar 2019 13:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

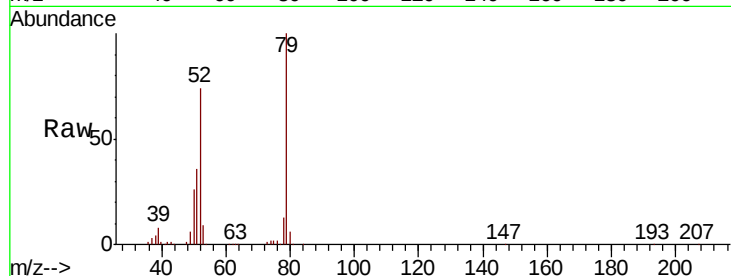
Tgt Ion: 79 Resp: 464621

Ion Ratio Lower Upper

79 100

52 74.1 61.0 91.4

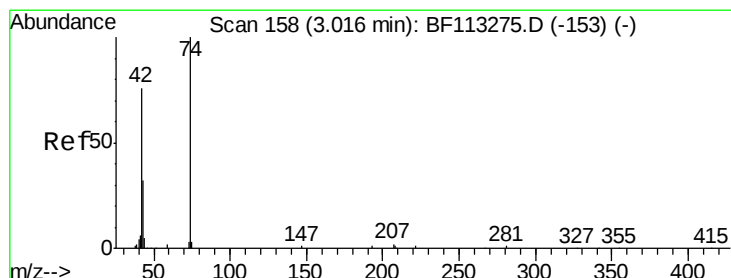
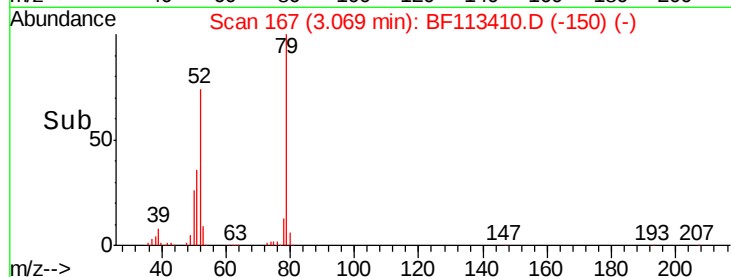
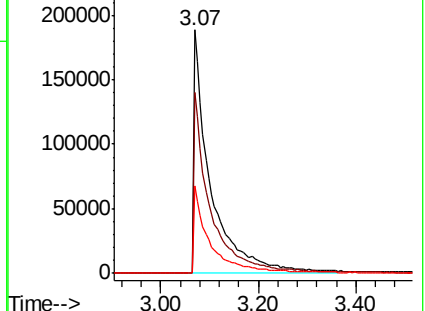
51 35.8 30.6 45.8



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: 37.032 ng

RT: 3.01 min Scan# 157

Delta R.T. -0.01 min

Lab File: BF113410.D

Acq: 29 Mar 2019 13:31

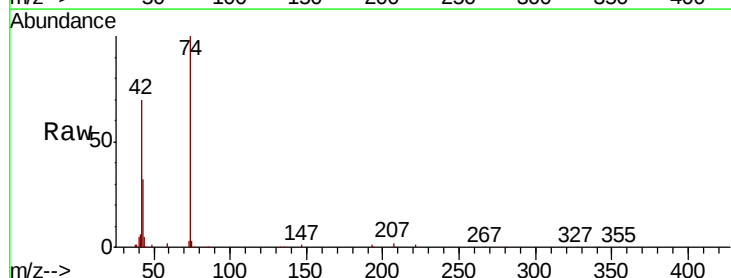
Tgt Ion: 42 Resp: 194533

Ion Ratio Lower Upper

42 100

74 142.0 102.4 153.6

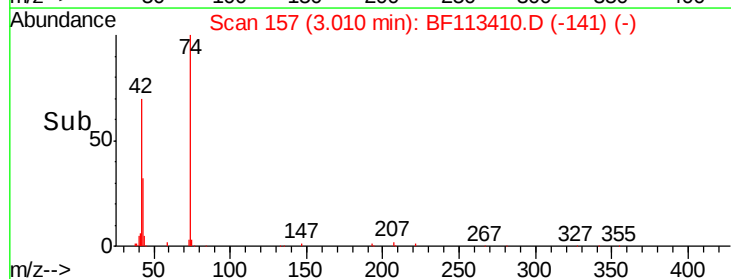
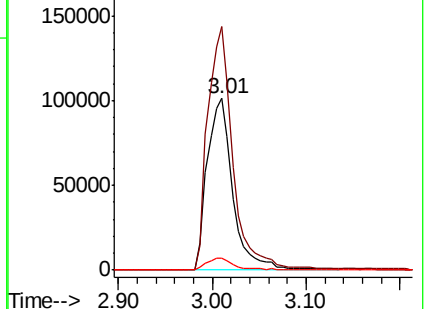
44 6.9 5.5 8.3

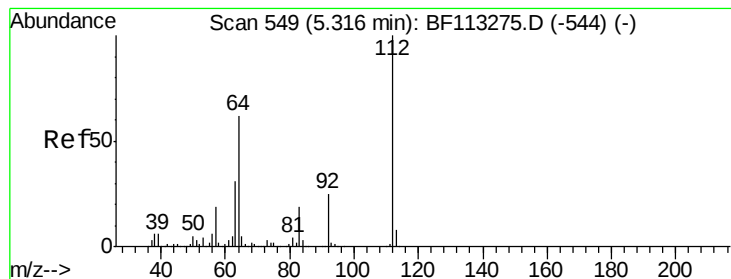


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 79.708 ng

RT: 5.32 min Scan# 549

Delta R.T. 0.00 min

Lab File: BF113410.D

Acq: 29 Mar 2019 13:31

Instrument :

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ClientSampleId :

SSTDCCC040EC

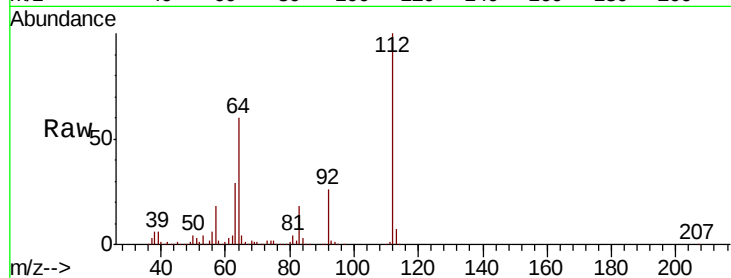
Tgt Ion: 112 Resp: 753031

Ion Ratio Lower Upper

112 100

64 60.0 49.2 73.8

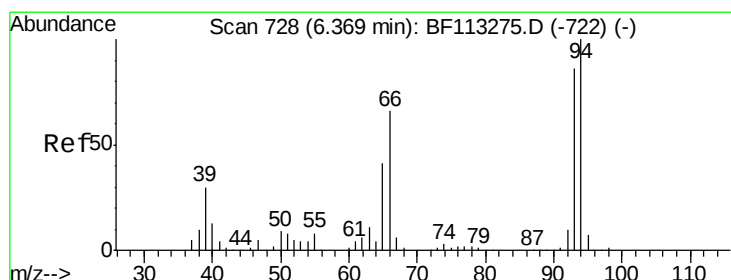
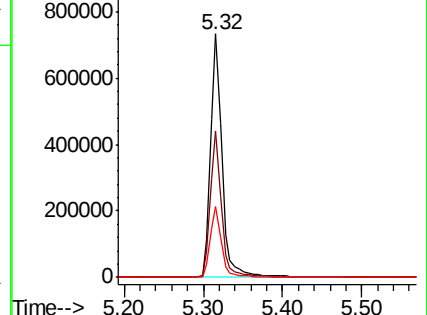
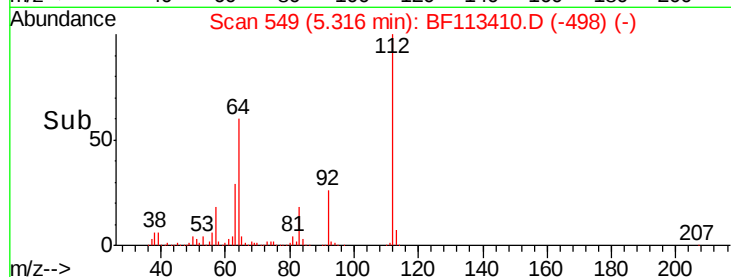
63 29.4 24.9 37.3



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 39.717 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF113410.D

Acq: 29 Mar 2019 13:31

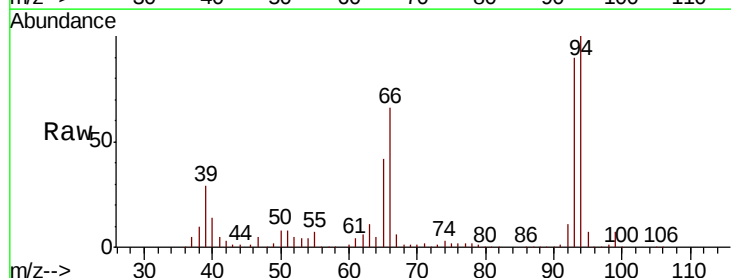
Tgt Ion: 93 Resp: 578043

Ion Ratio Lower Upper

93 100

66 73.0 62.1 93.1

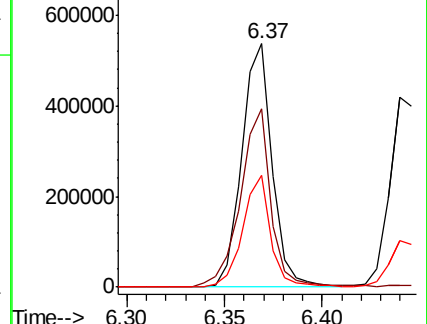
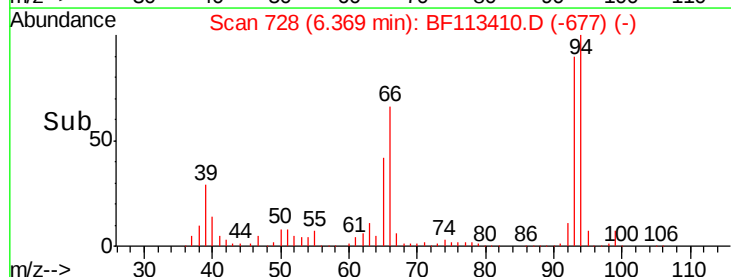
65 46.1 38.7 58.1

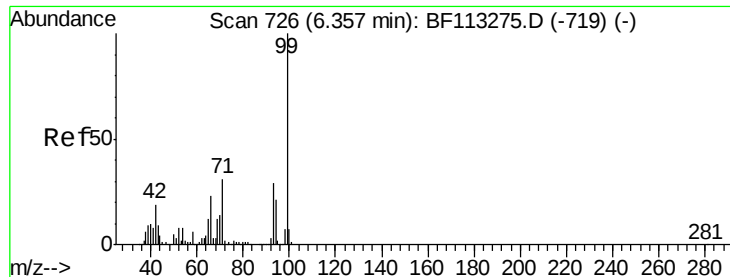


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 78.168 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF113410.D

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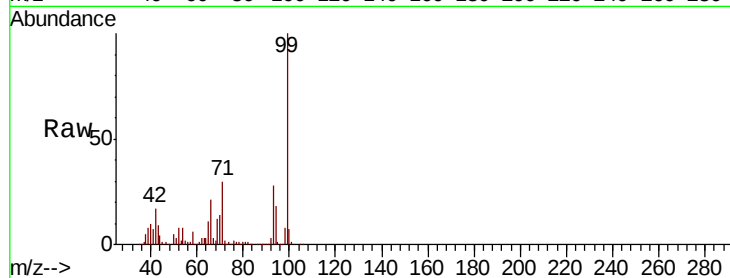
Tgt Ion: 99 Resp: 934217

Ion Ratio Lower Upper

99 100

42 17.2 14.8 22.2

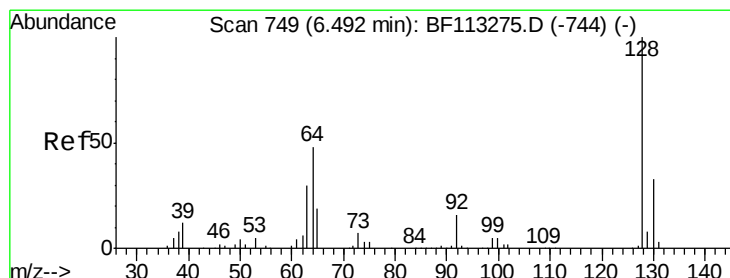
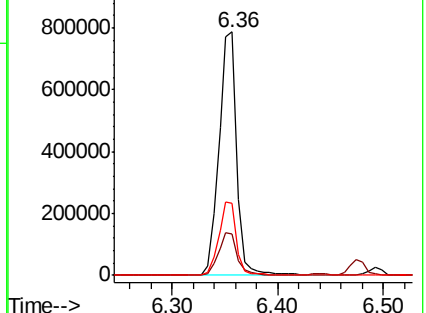
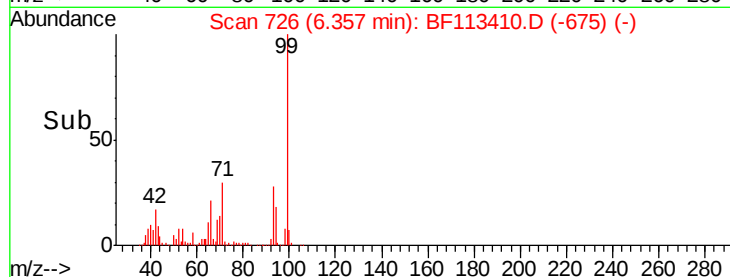
71 29.6 24.9 37.3



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 39.838 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF113410.D

Acq: 29 Mar 2019 13:31

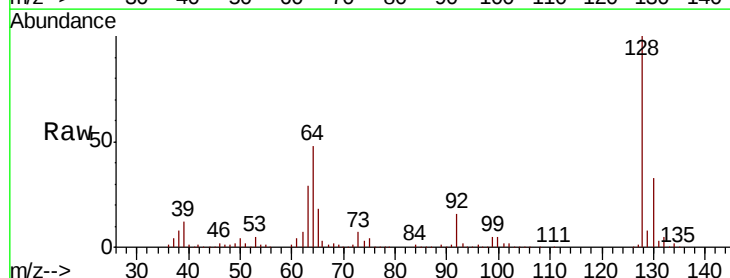
Tgt Ion: 128 Resp: 437050

Ion Ratio Lower Upper

128 100

130 32.7 12.6 52.6

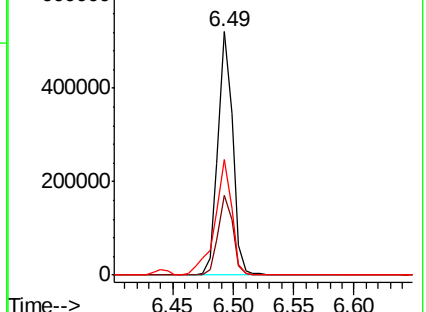
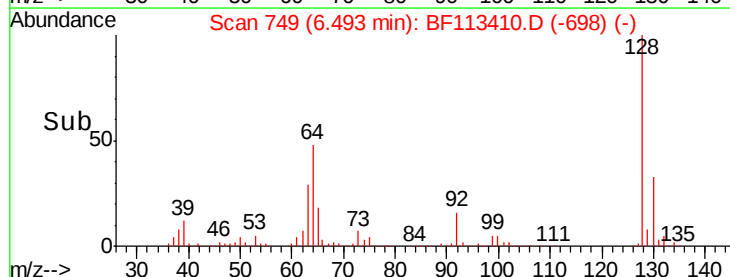
64 47.6 29.4 69.4

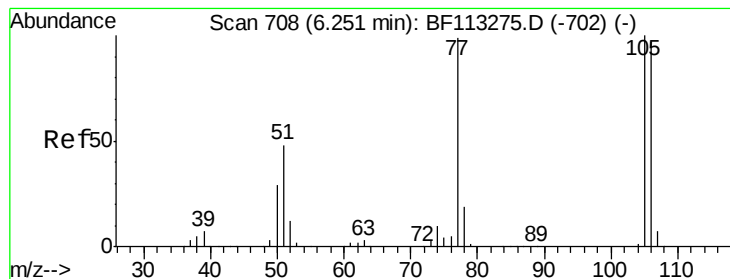


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 39.478 ng

RT: 6.25 min Scan# 708

Delta R.T. 0.00 min

Lab File: BF113410.D

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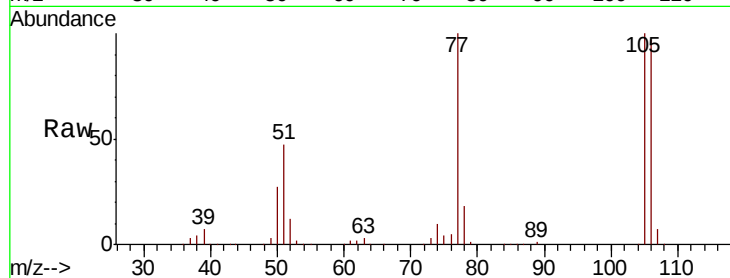
Tgt Ion: 77 Resp: 316606

Ion Ratio Lower Upper

77 100

105 99.6 80.9 120.9

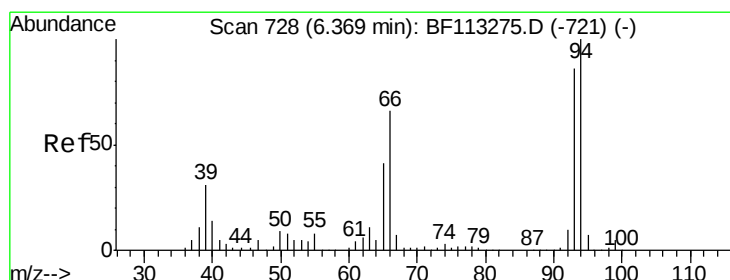
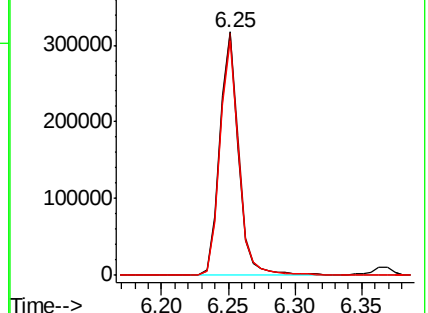
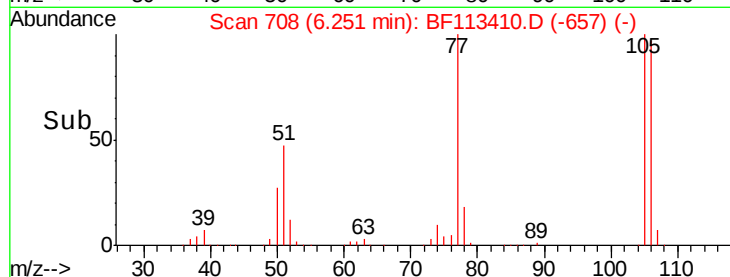
106 96.6 77.8 117.8



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 38.910 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF113410.D

Acq: 29 Mar 2019 13:31

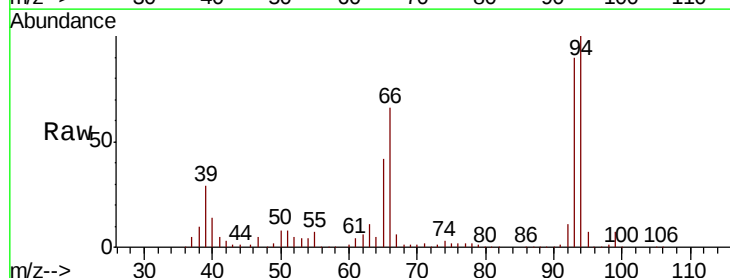
Tgt Ion: 94 Resp: 530900

Ion Ratio Lower Upper

94 100

65 41.5 21.4 61.4

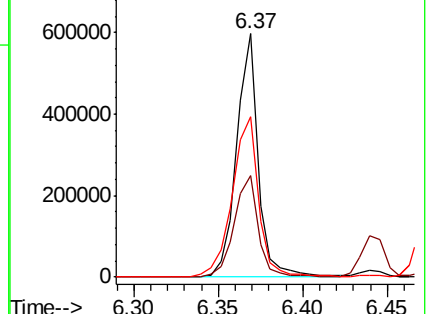
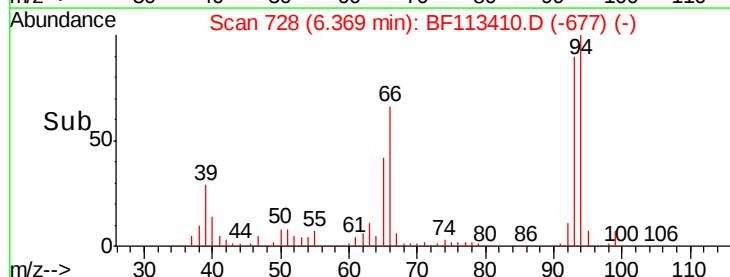
66 65.7 46.4 86.4



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

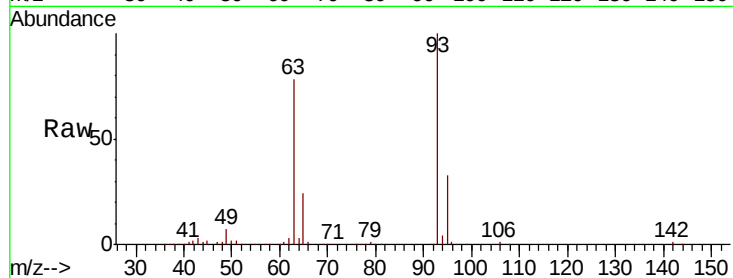




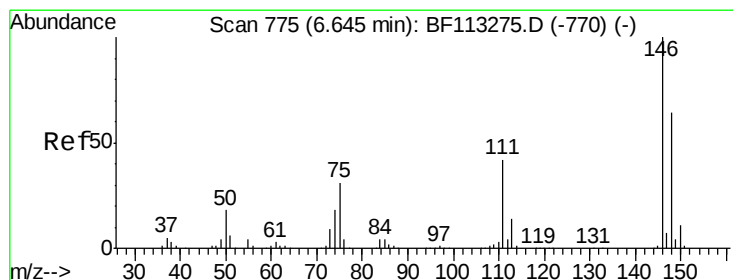
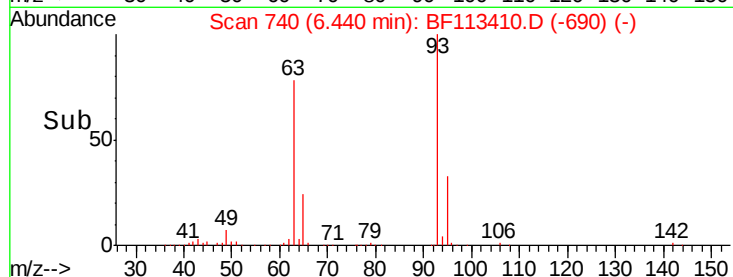
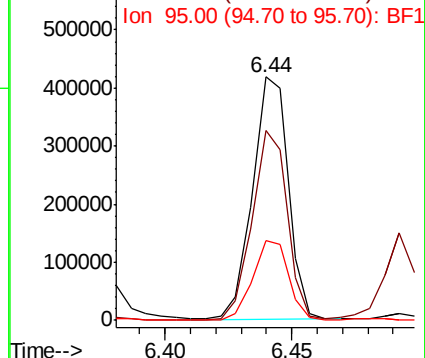
#11
bis(2-Chloroethyl)ether
Concen: 39.485 ng
RT: 6.44 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF113410.D
Acq: 29 Mar 2019 13:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 93 Resp: 412963
Ion Ratio Lower Upper
93 100
63 77.8 56.1 96.1
95 32.6 12.8 52.8

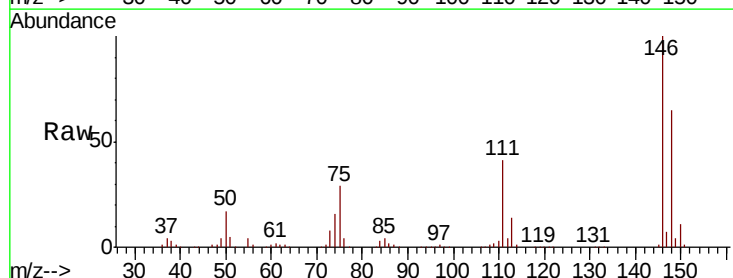


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

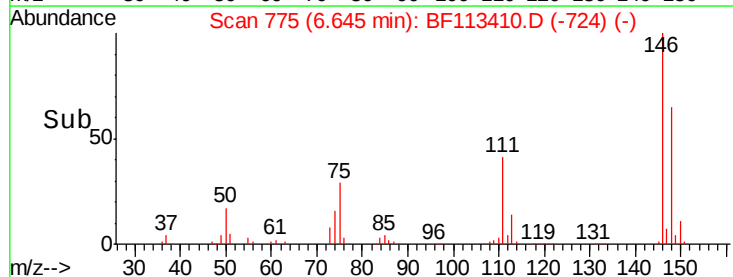
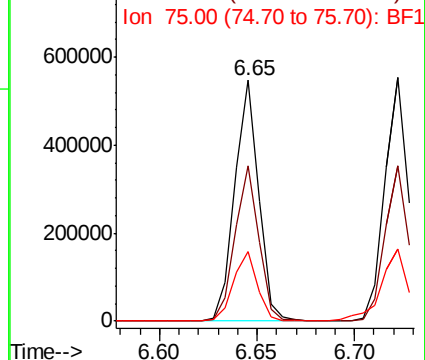


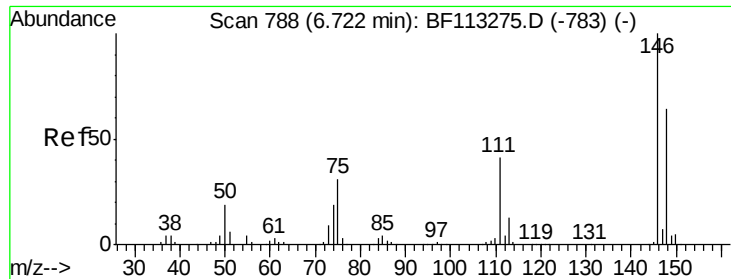
#12
1,3-Dichlorobenzene
Concen: 39.484 ng
RT: 6.65 min Scan# 775
Delta R.T. 0.00 min
Lab File: BF113410.D
Acq: 29 Mar 2019 13:31

Tgt Ion: 146 Resp: 466924
Ion Ratio Lower Upper
146 100
148 64.6 51.4 77.0
75 29.2 24.8 37.2



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

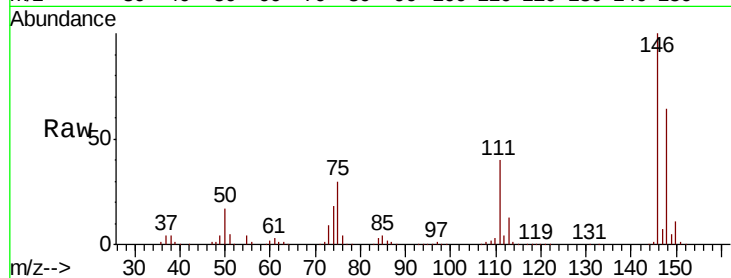




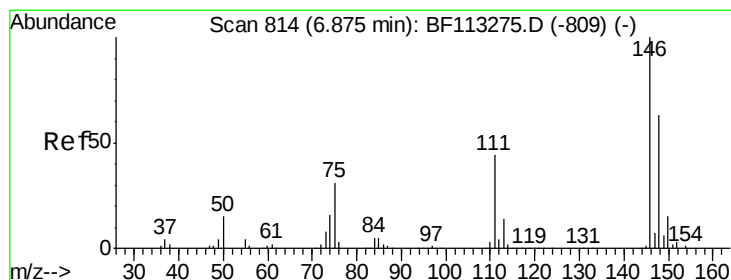
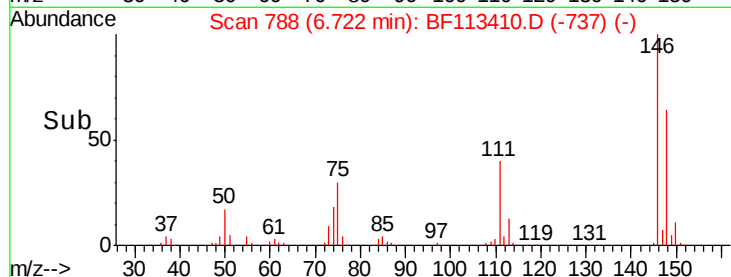
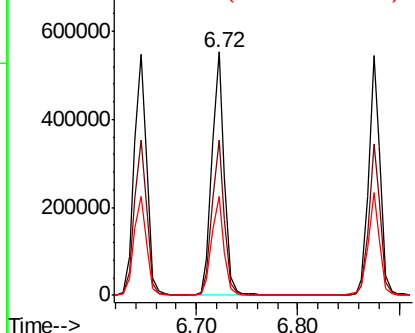
#13
 1,4-Dichlorobenzene
 Concen: 41.252 ng
 RT: 6.72 min Scan# 788
 Delta R.T. 0.00 min
 Lab File: BF113410.D
 Acq: 29 Mar 2019 13:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:146 Resp: 471024
 Ion Ratio Lower Upper
 146 100
 148 63.7 51.1 76.7
 111 40.5 32.8 49.2

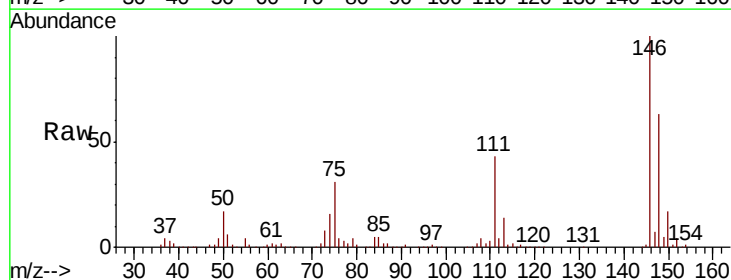


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

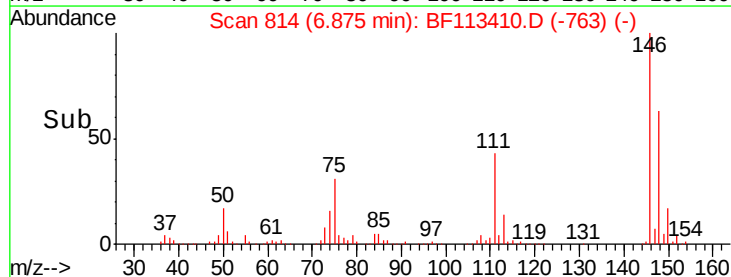
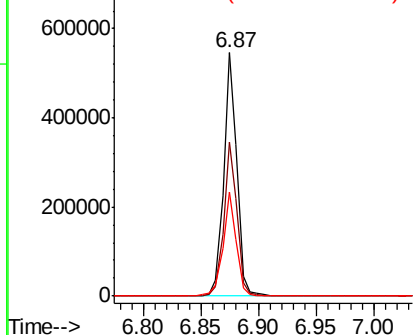


#14
 1,2-Dichlorobenzene
 Concen: 38.223 ng
 RT: 6.87 min Scan# 814
 Delta R.T. 0.00 min
 Lab File: BF113410.D
 Acq: 29 Mar 2019 13:31

Tgt Ion:146 Resp: 429367
 Ion Ratio Lower Upper
 146 100
 148 63.1 50.2 75.4
 111 42.9 35.4 53.2



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.495 ng

RT: 6.85 min Scan# 810

Delta R.T. 0.00 min

Lab File: BF113410.D

Acq: 29 Mar 2019 13:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

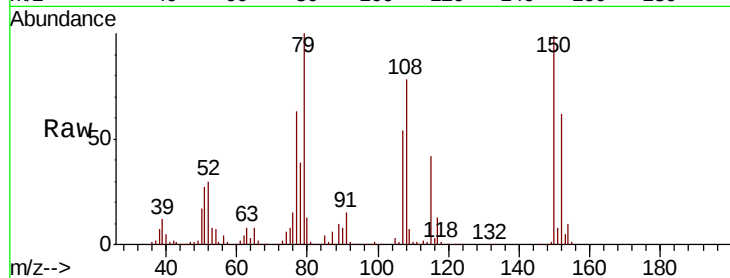
Tgt Ion: 79 Resp: 327164

Ion Ratio Lower Upper

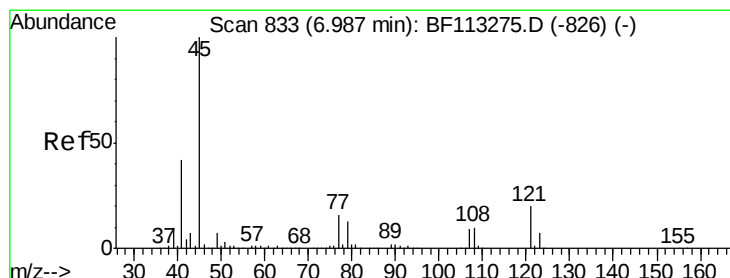
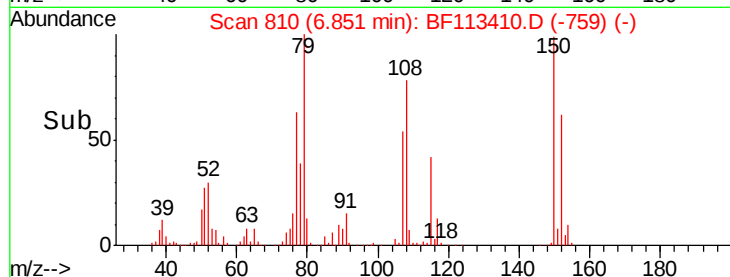
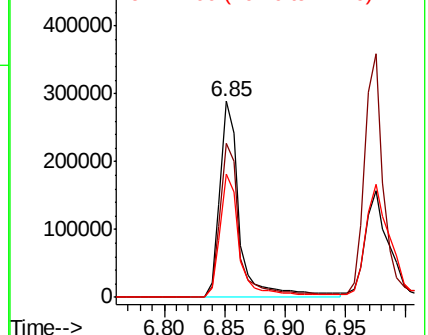
79 100

108 78.5 62.0 93.0

77 62.7 49.9 74.9



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: 41.012 ng

RT: 6.99 min Scan# 833

Delta R.T. 0.00 min

Lab File: BF113410.D

Acq: 29 Mar 2019 13:31

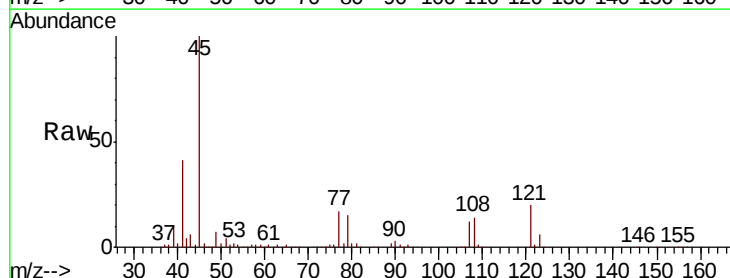
Tgt Ion: 45 Resp: 644376

Ion Ratio Lower Upper

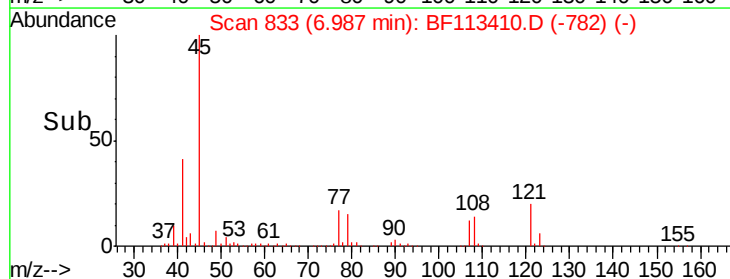
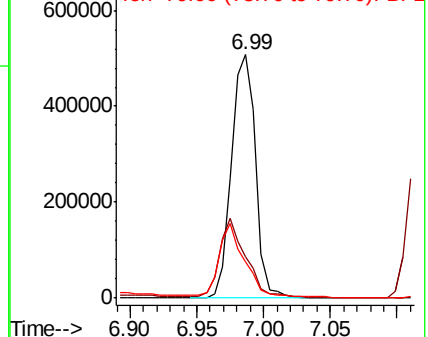
45 100

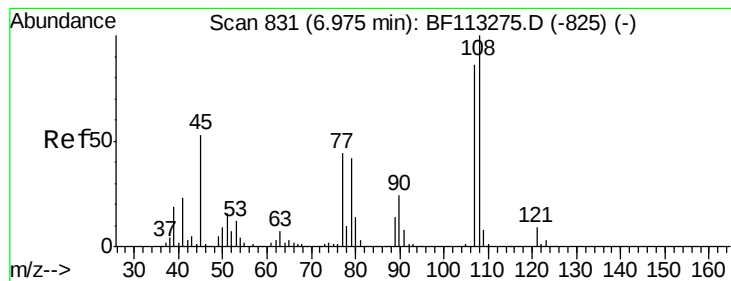
77 17.1 0.0 36.6

79 14.7 0.0 34.0



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

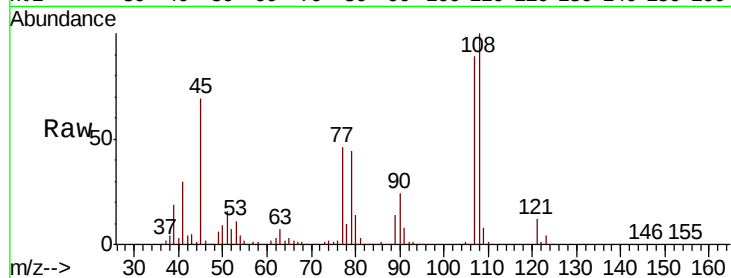




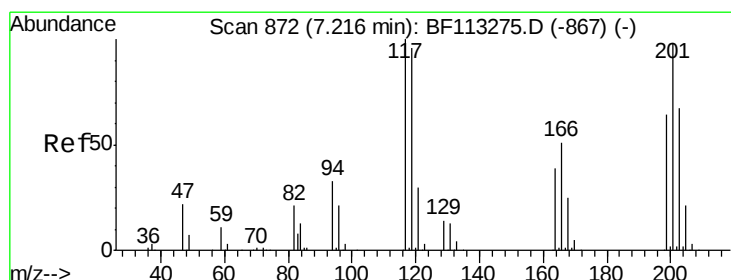
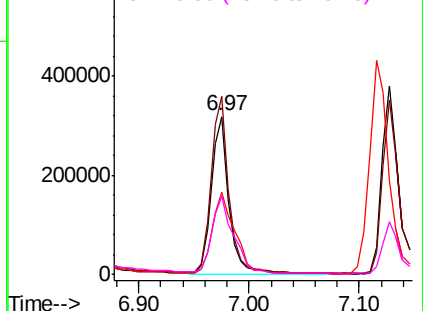
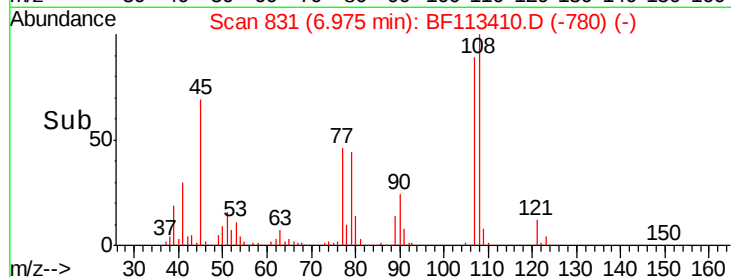
#17
2-Methylphenol
Concen: 40.346 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF113410.D
Acq: 29 Mar 2019 13:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:107 Resp: 346883
Ion Ratio Lower Upper
107 100
108 112.9 93.4 140.0
77 52.2 41.2 61.8
79 49.3 40.1 60.1

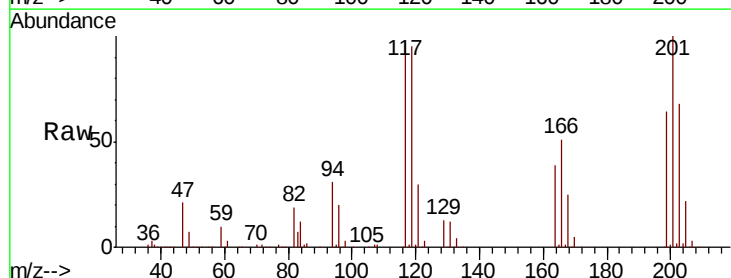


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

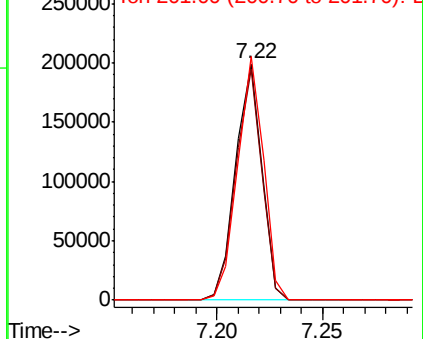
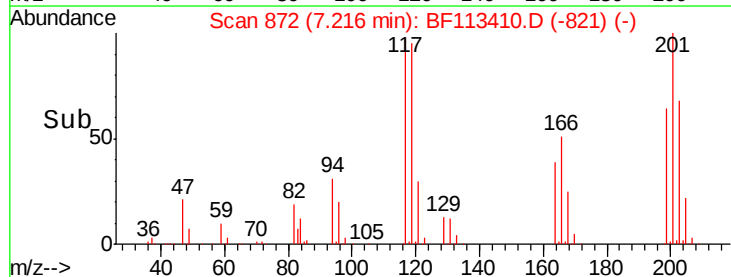


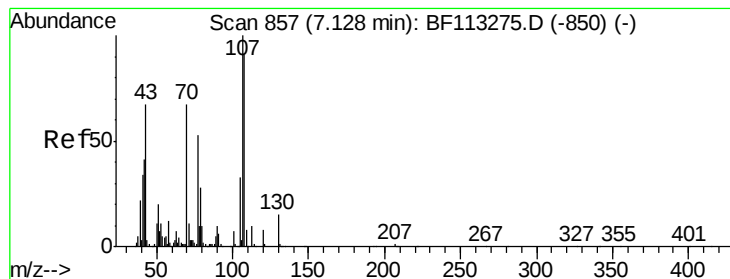
#18
Hexachloroethane
Concen: 41.622 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF113410.D
Acq: 29 Mar 2019 13:31

Tgt Ion:117 Resp: 170697
Ion Ratio Lower Upper
117 100
119 97.5 76.9 115.3
201 102.9 78.7 118.1



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 37.502 ng

RT: 7.13 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF113410.D

Acq: 29 Mar 2019 13:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 70 Resp: 281532

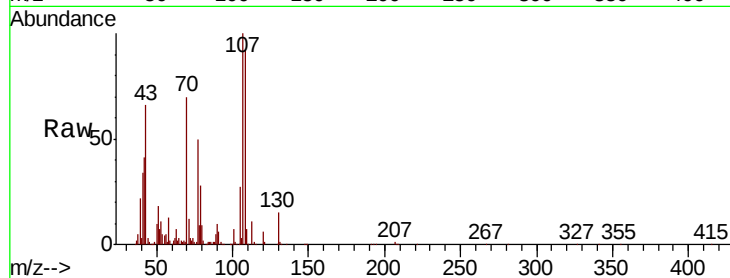
Ion Ratio Lower Upper

70 100

42 58.4 48.4 72.6

101 9.8 7.8 11.8

130 22.1 18.2 27.4

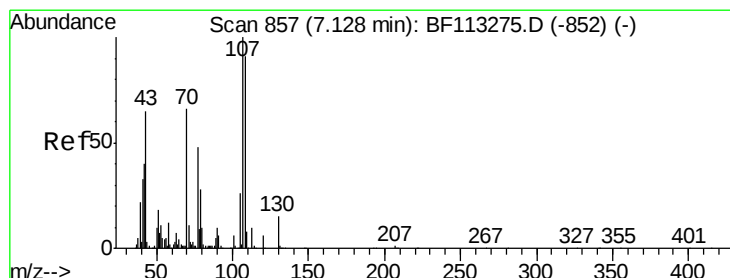
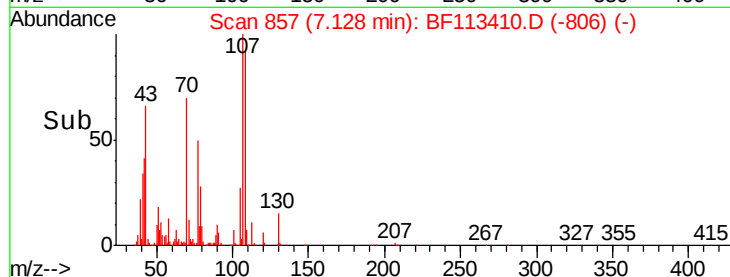
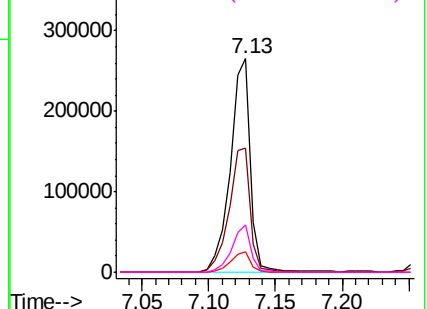


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 41.670 ng

RT: 7.13 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF113410.D

Acq: 29 Mar 2019 13:31

Tgt Ion: 107 Resp: 416980

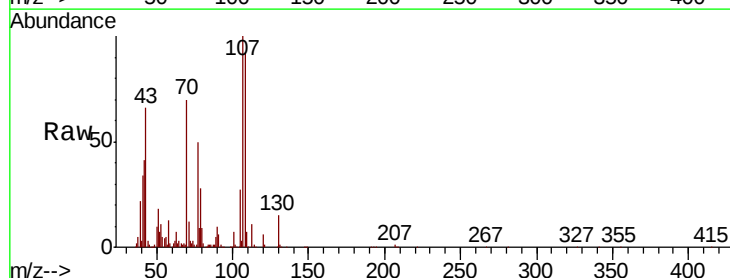
Ion Ratio Lower Upper

107 100

108 92.0 71.4 111.4

77 49.5 33.5 73.5

79 28.0 8.3 48.3

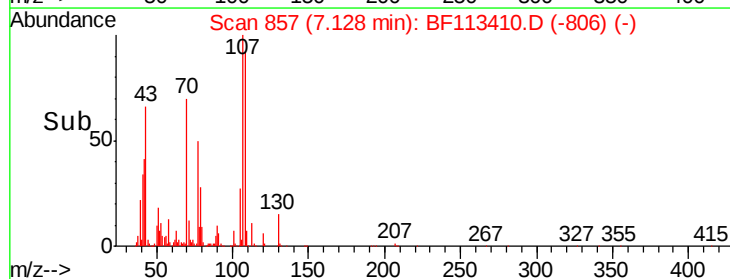
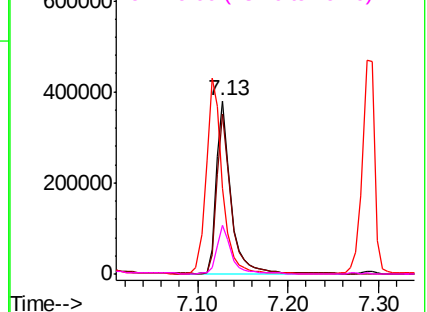


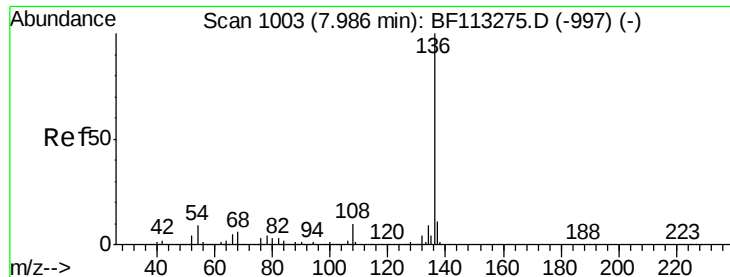
Abundance Ion 107.00 (106.70 to 107.70): E

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

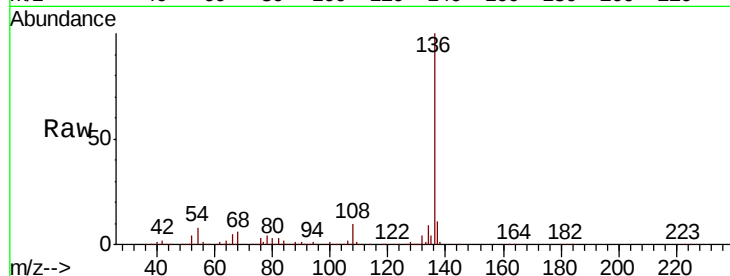




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. 0.00 min
Lab File: BF113410.D
Acq: 29 Mar 2019 13:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:	136	Resp:	605510
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	8.0	7.0	10.6
68	6.2	4.8	7.2



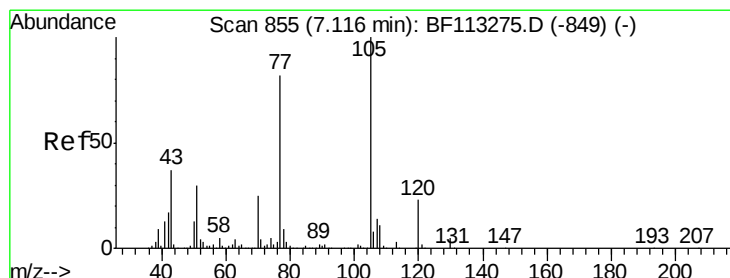
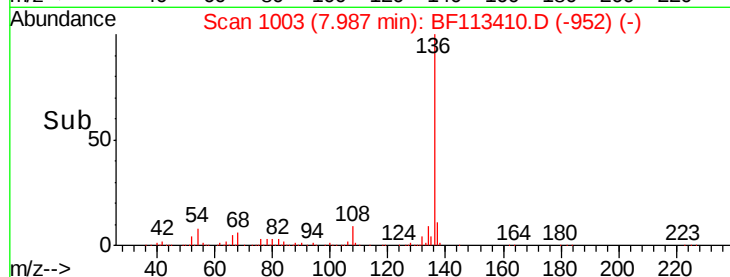
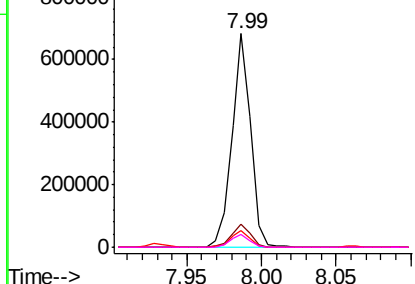
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

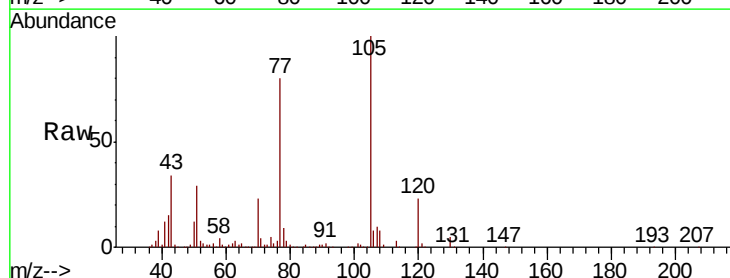
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 39.619 ng
RT: 7.12 min Scan# 855
Delta R.T. 0.00 min
Lab File: BF113410.D
Acq: 29 Mar 2019 13:31

Tgt Ion:	105	Resp:	547099
Ion	Ratio	Lower	Upper
105	100		
71	4.0	3.3	4.9
51	29.2	24.2	36.2
120	22.9	18.1	27.1



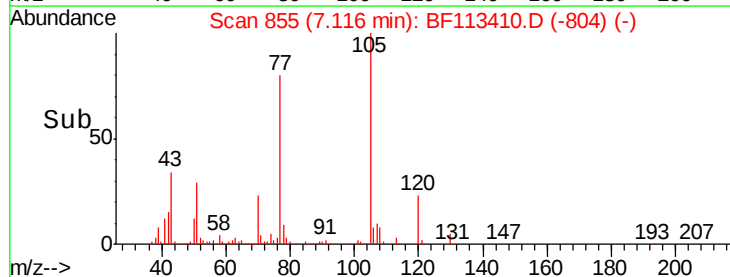
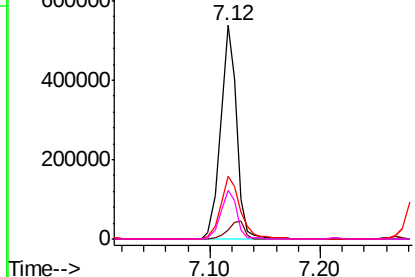
Abundance

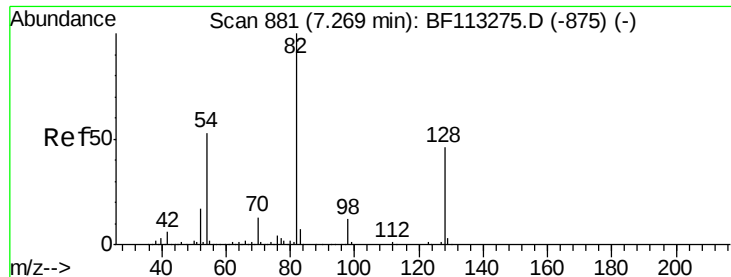
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

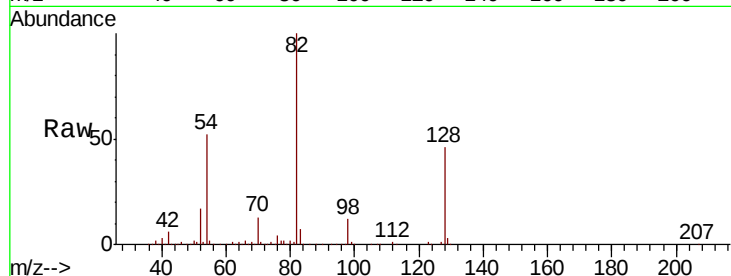




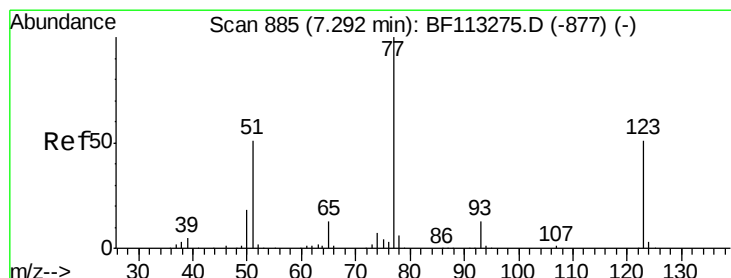
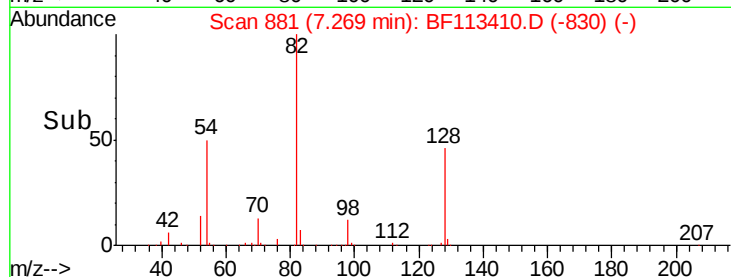
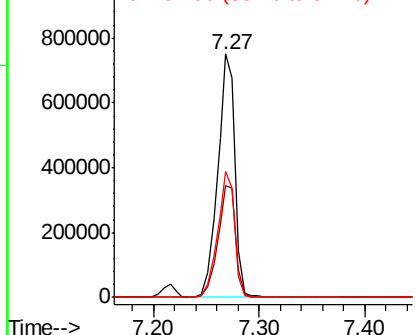
#23
Nitrobenzene-d5
Concen: 84.259 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF113410.D
Acq: 29 Mar 2019 13:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 82 Resp: 859585
Ion Ratio Lower Upper
82 100
128 46.0 36.5 54.7
54 51.8 42.2 63.2

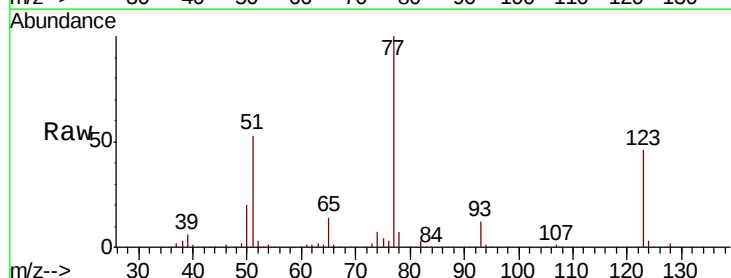


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

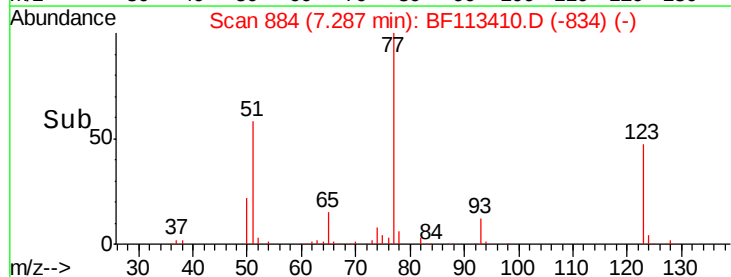
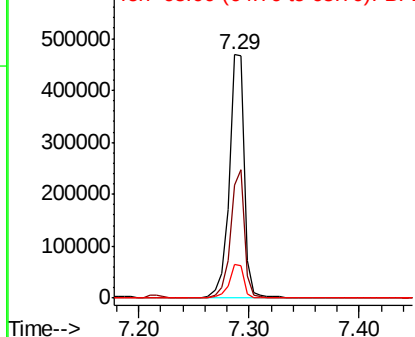


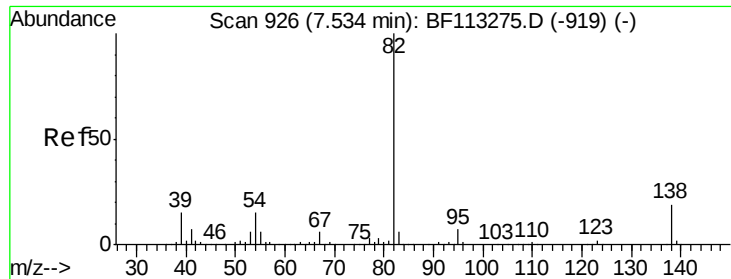
#24
Nitrobenzene
Concen: 41.912 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF113410.D
Acq: 29 Mar 2019 13:31

Tgt Ion: 77 Resp: 446178
Ion Ratio Lower Upper
77 100
123 46.2 40.8 61.2
65 13.6 10.6 16.0



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

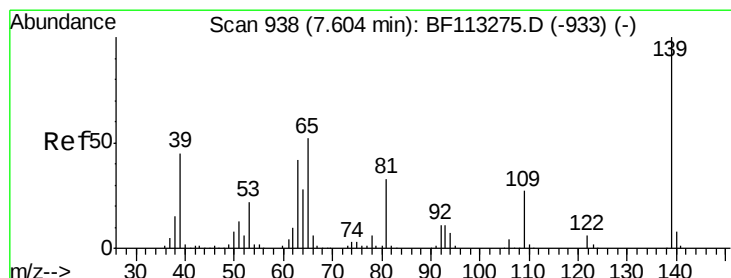
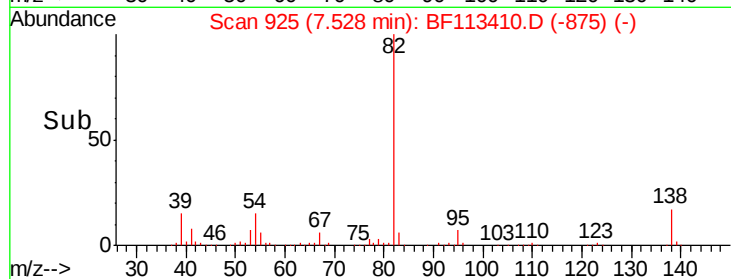
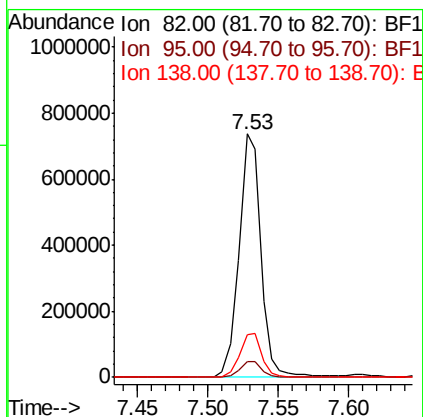
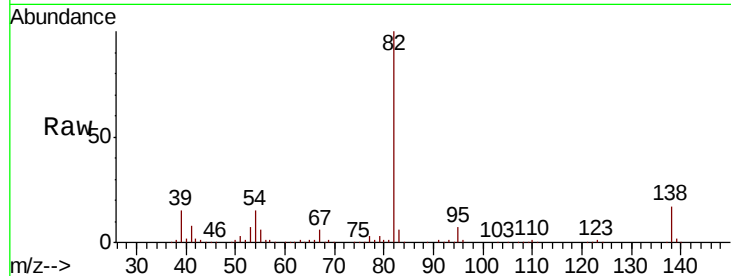




#25
Isophorone
Concen: 40.305 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.01 min
Lab File: BF113410.D
Acq: 29 Mar 2019 13:31

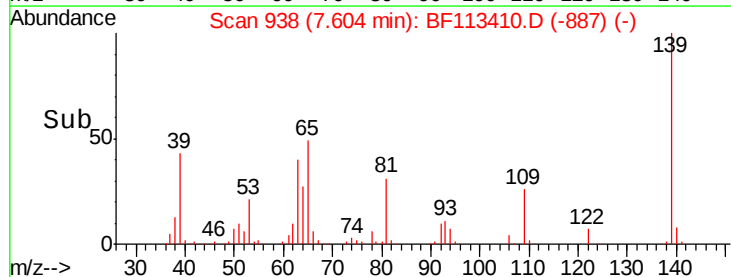
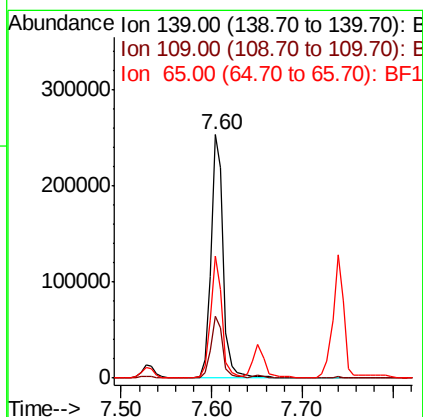
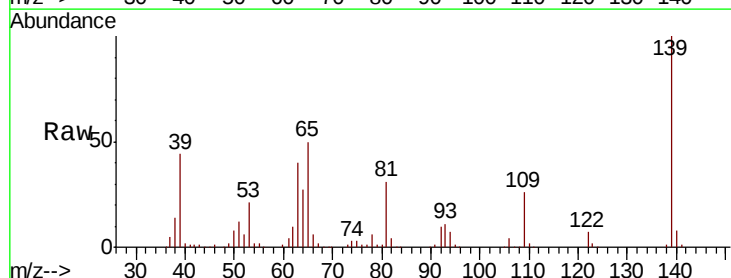
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

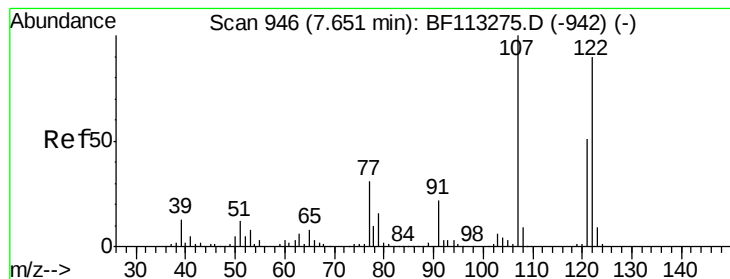
Tgt Ion: 82 Resp: 796848
Ion Ratio Lower Upper
82 100
95 6.7 5.5 8.3
138 17.5 15.2 22.8



#26
2-Nitrophenol
Concen: 42.913 ng
RT: 7.60 min Scan# 938
Delta R.T. 0.00 min
Lab File: BF113410.D
Acq: 29 Mar 2019 13:31

Tgt Ion: 139 Resp: 241473
Ion Ratio Lower Upper
139 100
109 25.5 21.7 32.5
65 49.9 41.6 62.4





#27

2,4-Dimethylphenol

Concen: 41.874 ng

RT: 7.65 min Scan# 946

Delta R.T. 0.00 min

Lab File: BF113410.D

Acq: 29 Mar 2019 13:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

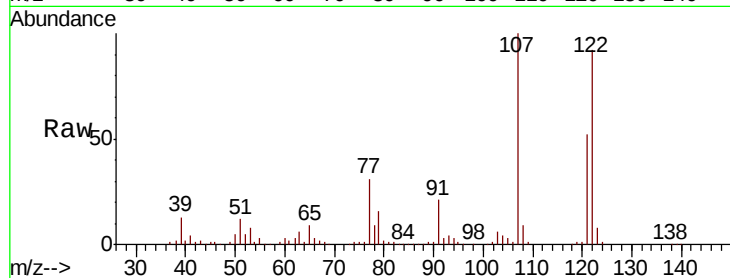
Tgt Ion:122 Resp: 338948

Ion Ratio Lower Upper

122 100

107 108.8 88.8 133.2

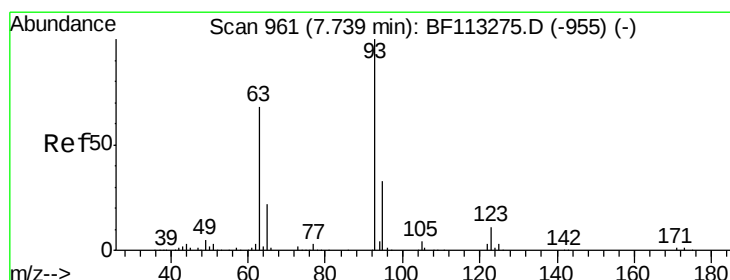
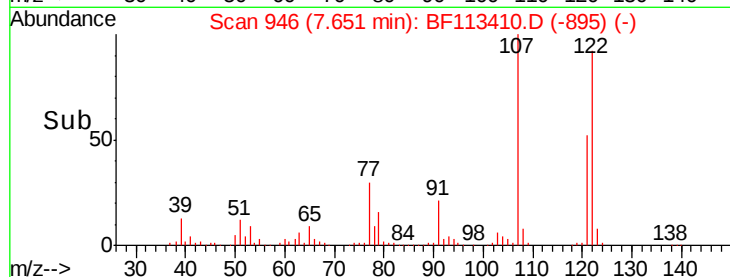
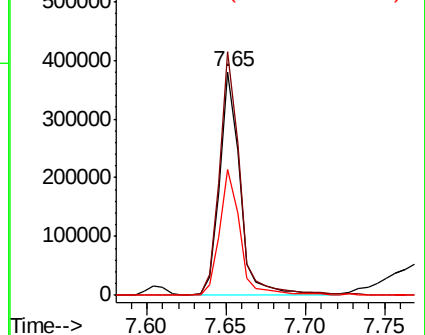
121 56.3 45.5 68.3



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: 41.964 ng

RT: 7.74 min Scan# 961

Delta R.T. 0.00 min

Lab File: BF113410.D

Acq: 29 Mar 2019 13:31

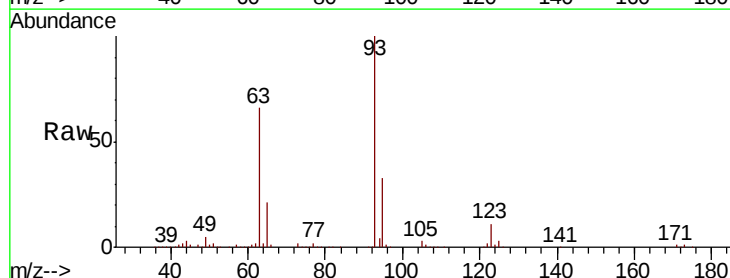
Tgt Ion: 93 Resp: 522457

Ion Ratio Lower Upper

93 100

95 33.0 26.0 39.0

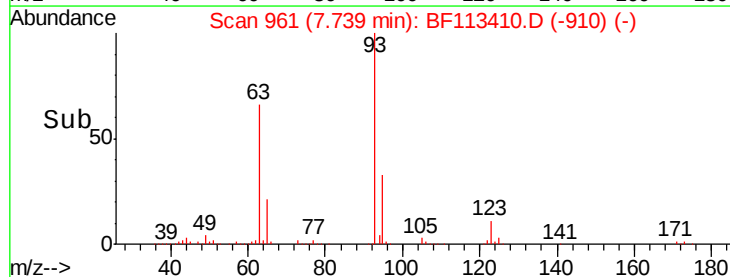
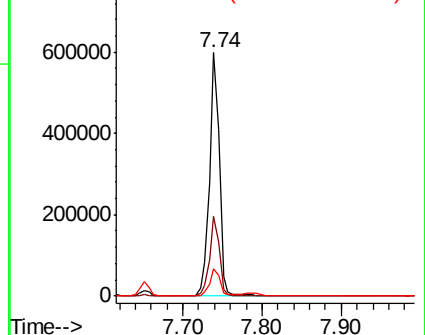
123 11.3 9.1 13.7

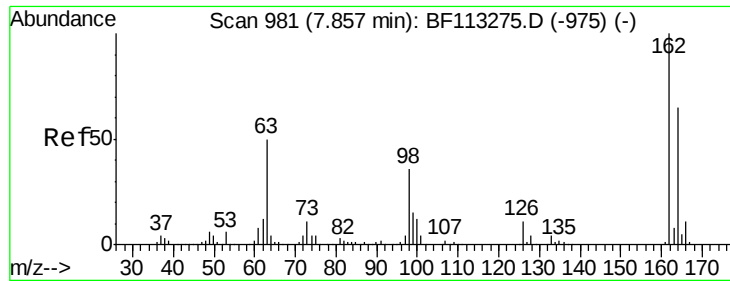


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

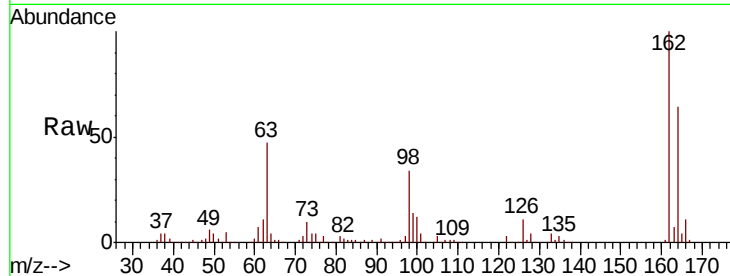




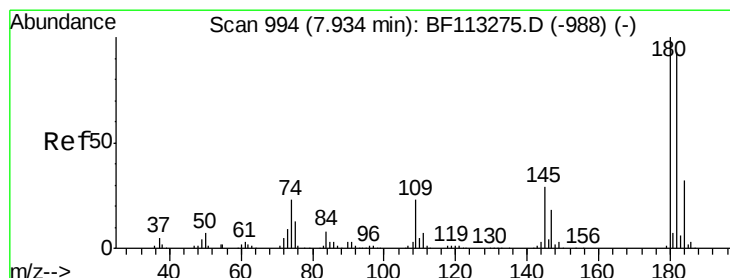
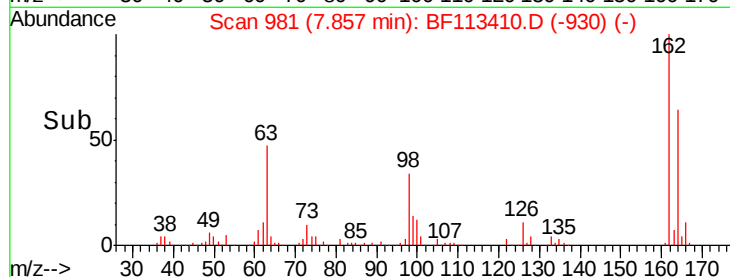
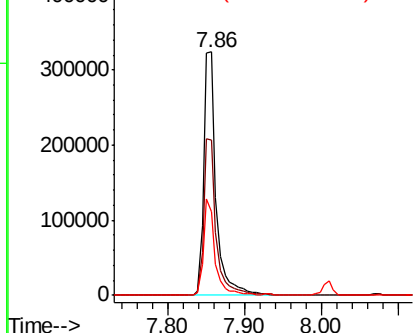
#29
 2,4-Dichlorophenol
 Concen: 41.728 ng
 RT: 7.86 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: BF113410.D
 Acq: 29 Mar 2019 13:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:162 Resp: 366023
 Ion Ratio Lower Upper
 162 100
 164 64.0 44.6 84.6
 98 34.1 15.6 55.6

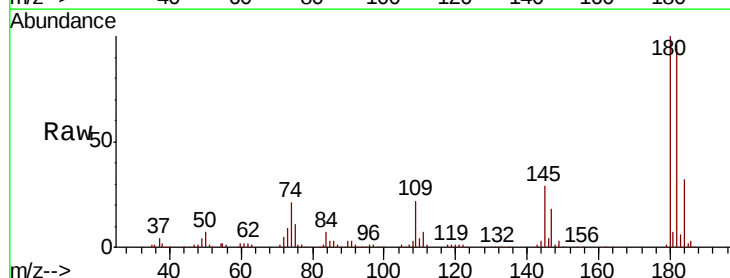


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

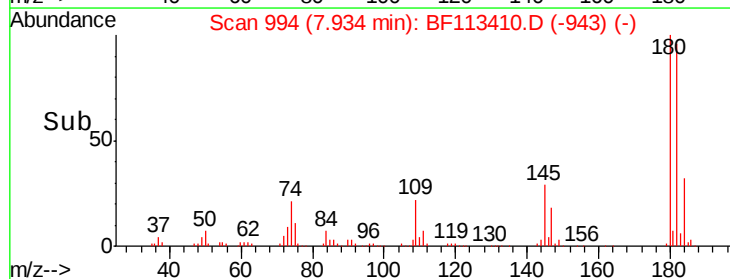
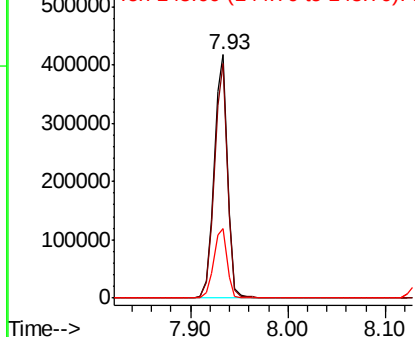


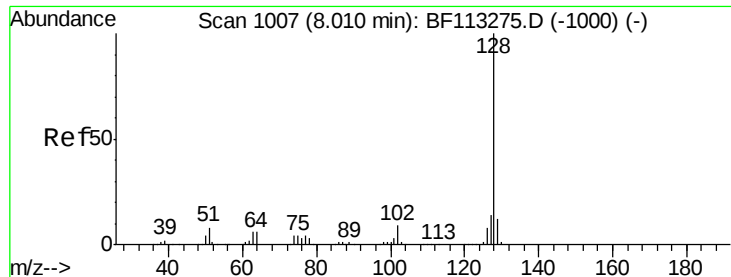
#30
 1,2,4-Trichlorobenzene
 Concen: 41.505 ng
 RT: 7.93 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: BF113410.D
 Acq: 29 Mar 2019 13:31

Tgt Ion:180 Resp: 392796
 Ion Ratio Lower Upper
 180 100
 182 96.2 74.6 111.8
 145 28.7 23.4 35.0



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

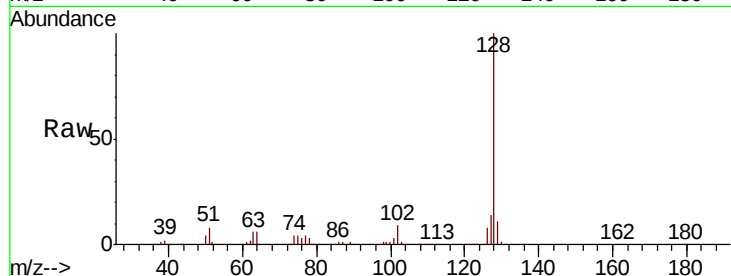




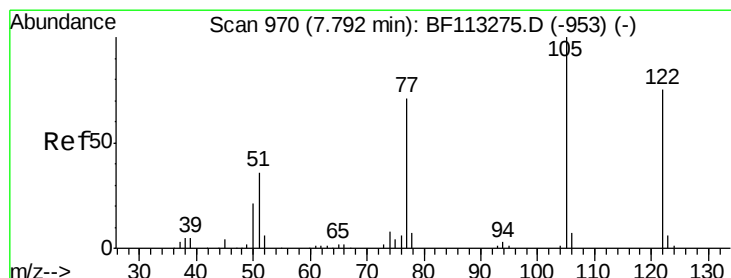
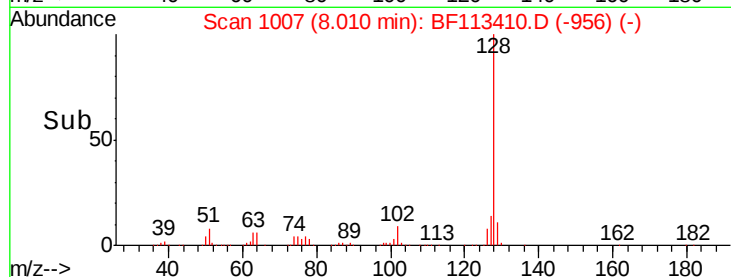
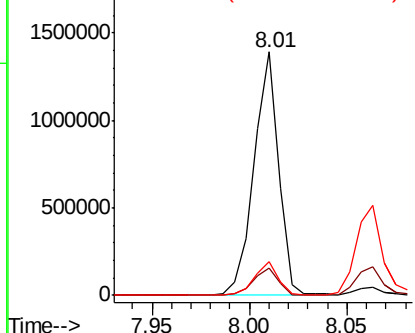
#31
Naphthalene
Concen: 41.245 ng
RT: 8.01 min Scan# 1007
Delta R.T. 0.00 min
Lab File: BF113410.D
Acq: 29 Mar 2019 13:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:128 Resp: 1220423
Ion Ratio Lower Upper
128 100
129 11.5 9.3 13.9
127 13.6 10.9 16.3

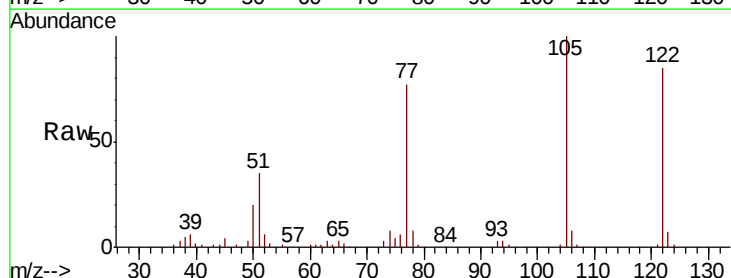


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

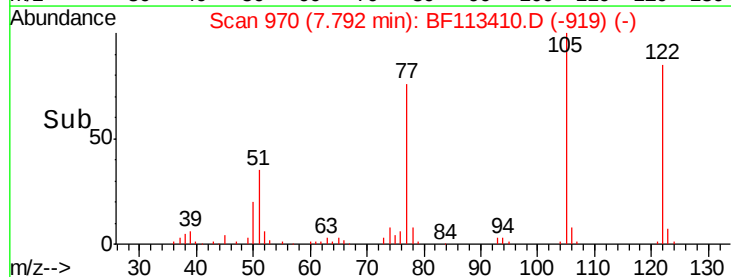
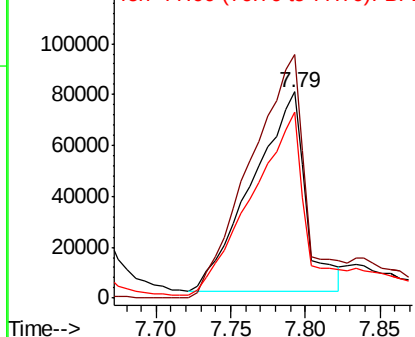


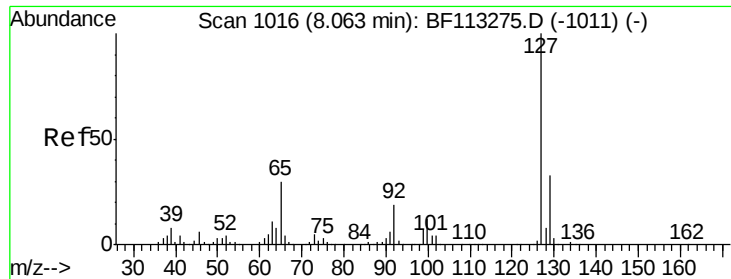
#32
Benzoic acid
Concen: 30.184 ng
RT: 7.79 min Scan# 970
Delta R.T. 0.00 min
Lab File: BF113410.D
Acq: 29 Mar 2019 13:31

Tgt Ion:122 Resp: 196669
Ion Ratio Lower Upper
122 100
105 118.2 100.4 140.4
77 90.5 69.0 109.0



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

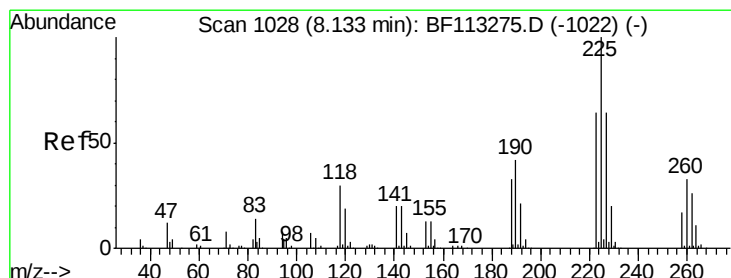
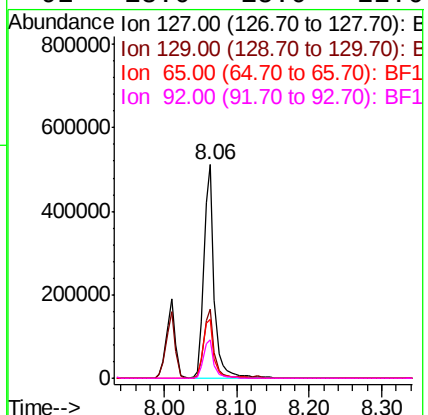
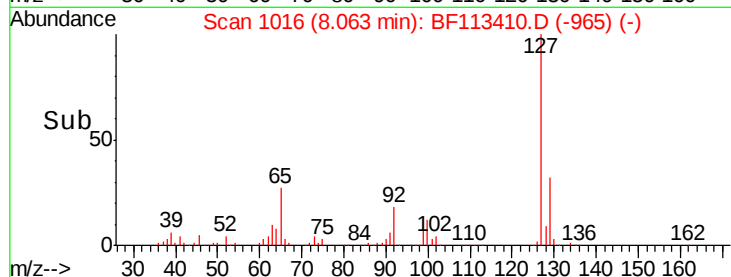
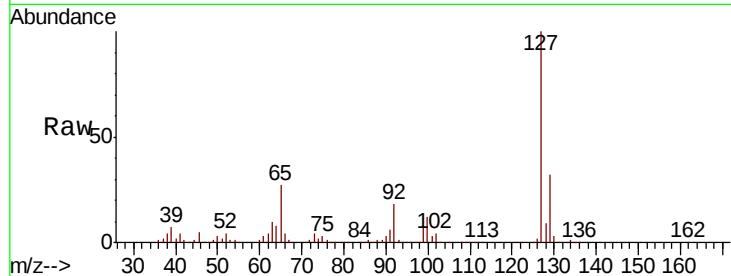




#33
4-Chloroaniline
Concen: 44.047 ng
RT: 8.06 min Scan# 1016
Delta R.T. 0.00 min
Lab File: BF113410.D
Acq: 29 Mar 2019 13:31

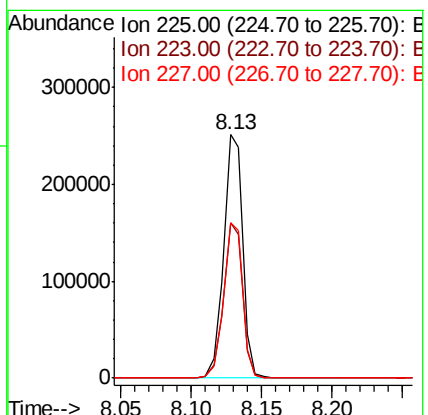
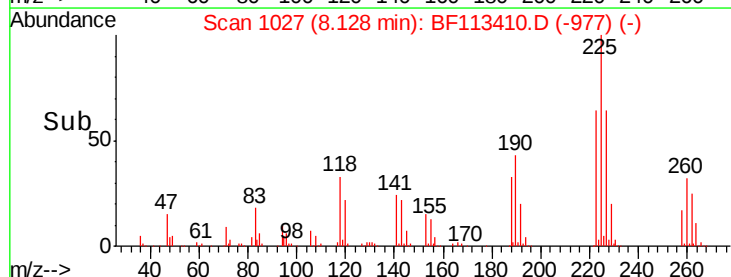
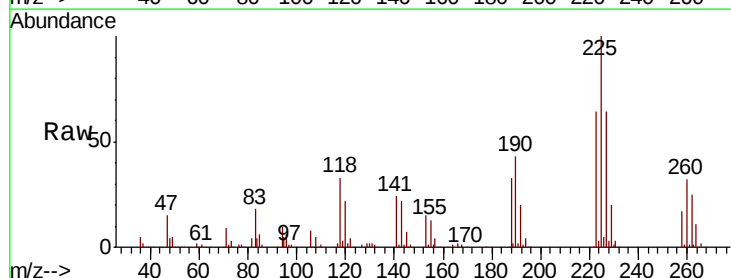
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

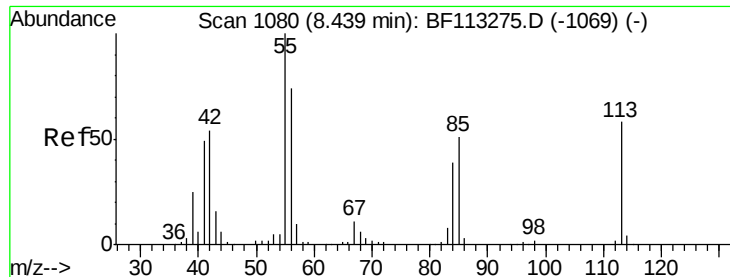
Tgt Ion:	127	Resp:	508239
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.3	39.5
65	27.4	24.2	36.4
92	18.0	15.0	22.6



#34
Hexachlorobutadiene
Concen: 41.769 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF113410.D
Acq: 29 Mar 2019 13:31

Tgt Ion:	225	Resp:	234944
Ion	Ratio	Lower	Upper
225	100		
223	64.0	51.4	77.2
227	63.8	51.1	76.7

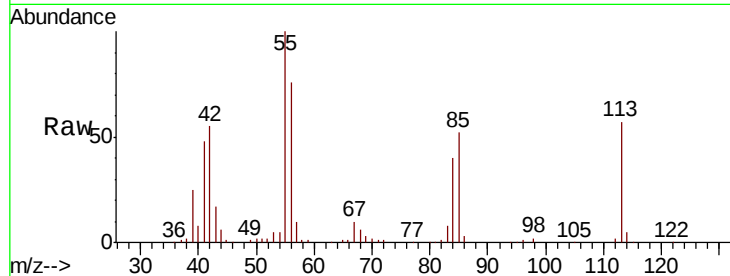




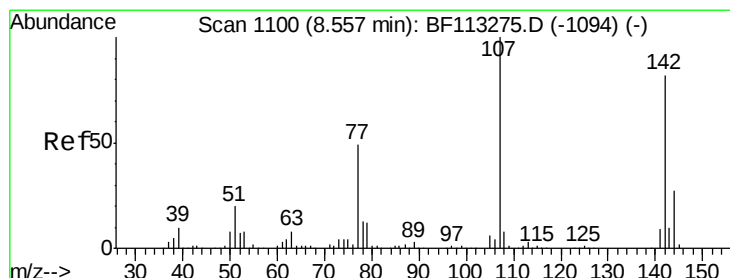
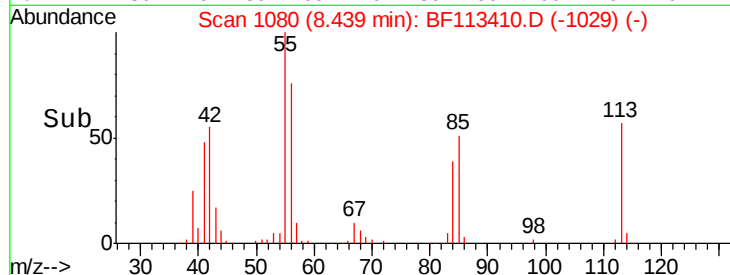
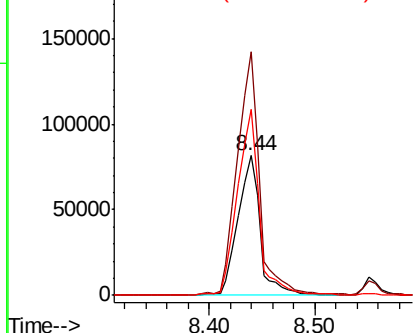
#35
 Caprolactam
 Concen: 41.585 ng
 RT: 8.44 min Scan# 1080
 Delta R.T. 0.00 min
 Lab File: BF113410.D
 Acq: 29 Mar 2019 13:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:113 Resp: 117070
 Ion Ratio Lower Upper
 113 100
 55 174.3 152.7 192.7
 56 133.1 108.3 148.3

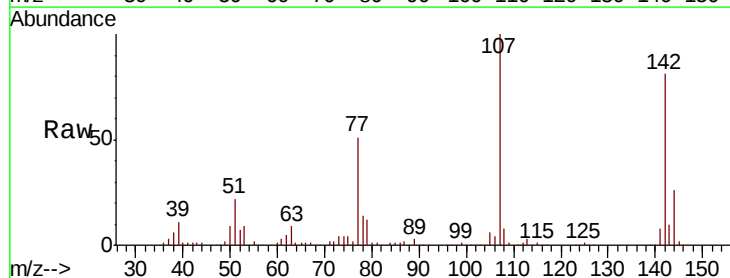


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

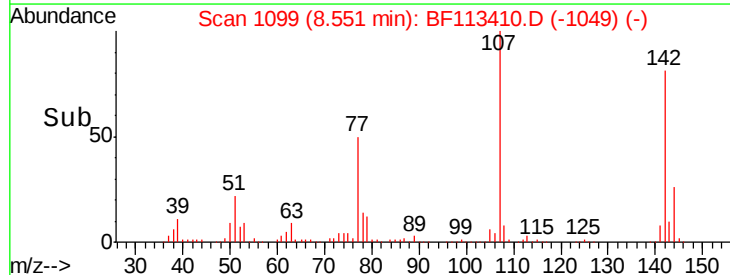
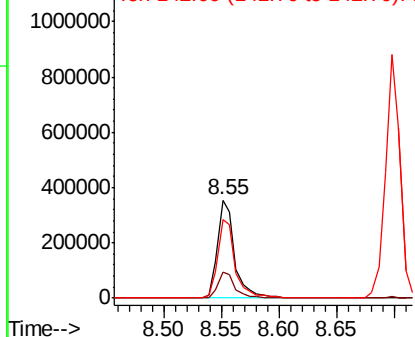


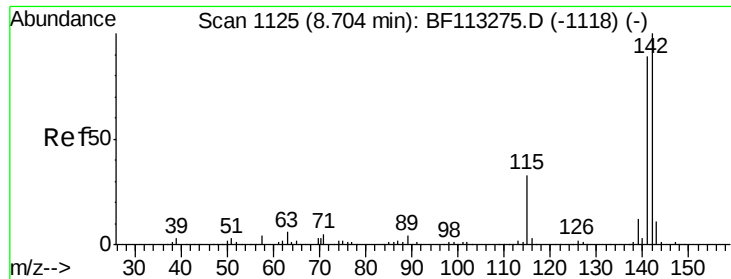
#36
 4-Chloro-3-methylphenol
 Concen: 41.473 ng
 RT: 8.55 min Scan# 1099
 Delta R.T. -0.01 min
 Lab File: BF113410.D
 Acq: 29 Mar 2019 13:31

Tgt Ion:107 Resp: 365900
 Ion Ratio Lower Upper
 107 100
 144 25.9 21.4 32.0
 142 80.5 65.6 98.4



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

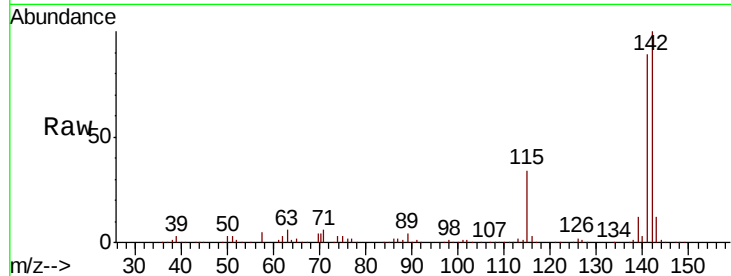




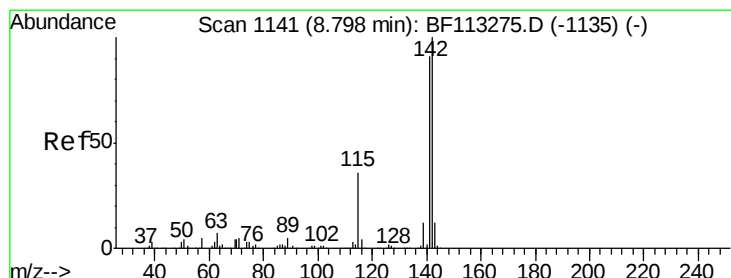
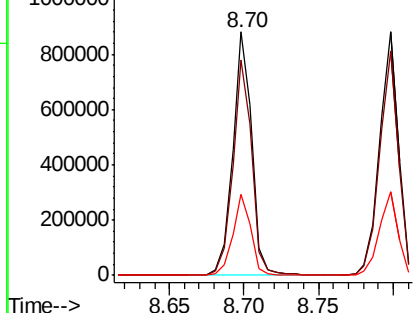
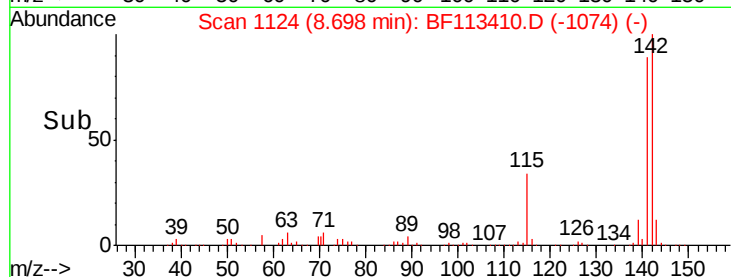
#37
2-Methylnaphthalene
Concen: 42.724 ng
RT: 8.70 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BF113410.D
Acq: 29 Mar 2019 13:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.6	71.0	106.6
115	33.6	26.6	39.8

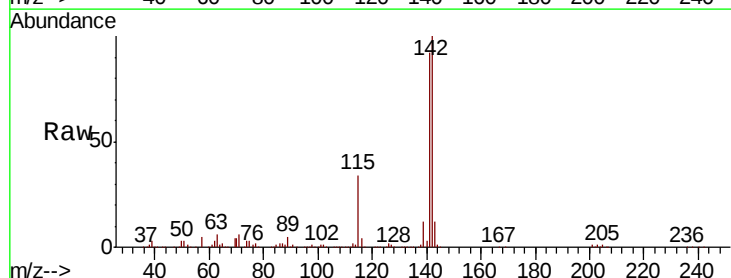


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

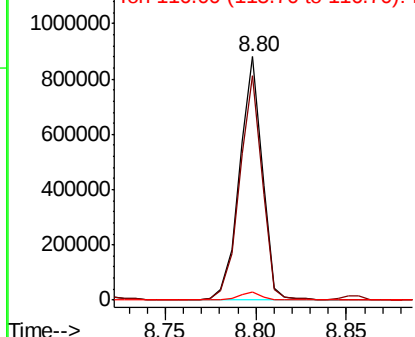
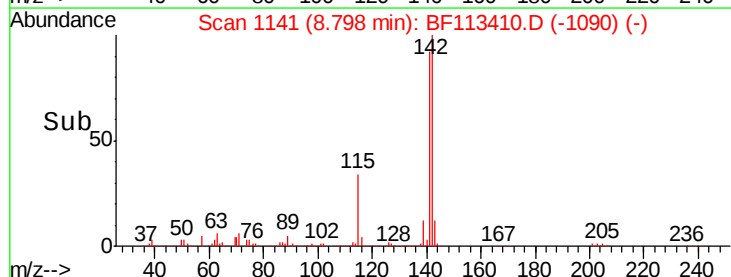


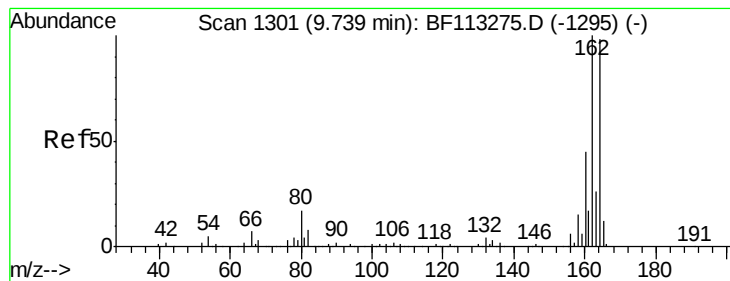
#38
1-Methylnaphthalene
Concen: 42.716 ng
RT: 8.80 min Scan# 1141
Delta R.T. 0.00 min
Lab File: BF113410.D
Acq: 29 Mar 2019 13:31

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.2	73.2	109.8
116	3.6	3.0	4.4



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.74 min Scan# 1301

Delta R.T. 0.00 min

Lab File: BF113410.D

Acq: 29 Mar 2019 13:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

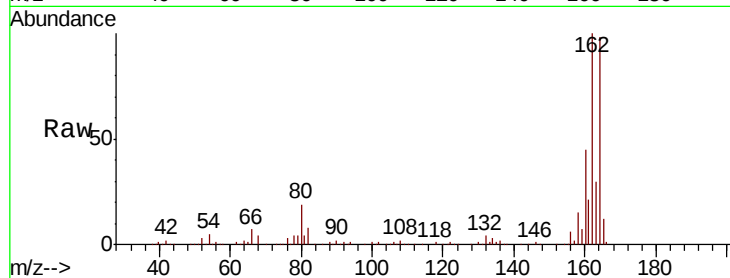
Tgt Ion:164 Resp: 289306

Ion Ratio Lower Upper

164 100

162 101.5 81.8 122.6

160 45.5 36.4 54.6

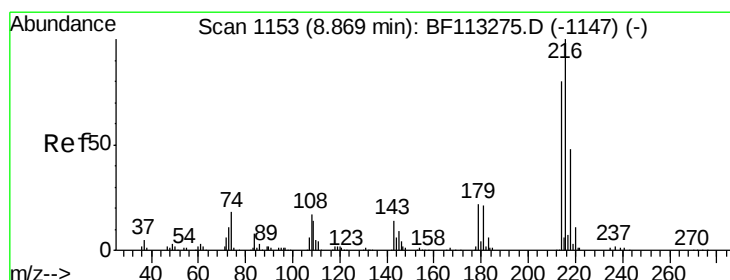
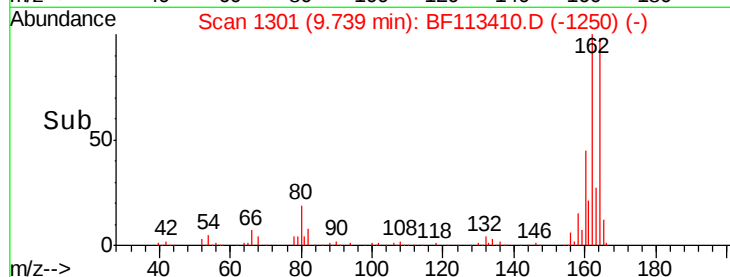
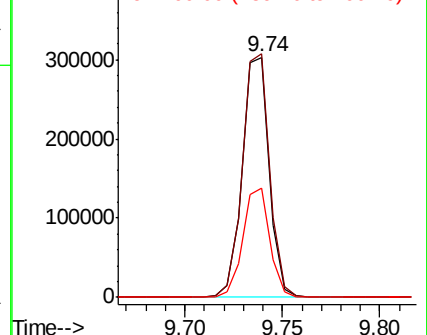


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.275 ng

RT: 8.87 min Scan# 1153

Delta R.T. 0.00 min

Lab File: BF113410.D

Acq: 29 Mar 2019 13:31

Tgt Ion:216 Resp: 383309

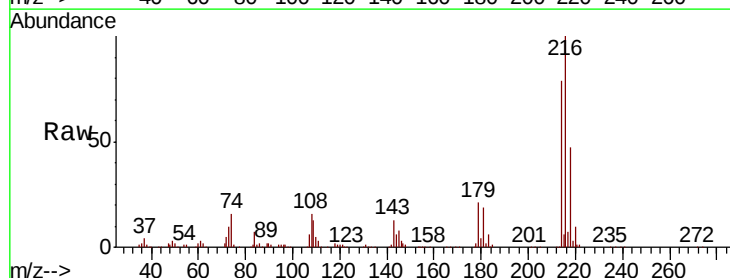
Ion Ratio Lower Upper

216 100

214 79.2 63.0 94.6

179 20.4 16.8 25.2

108 16.9 13.8 20.6



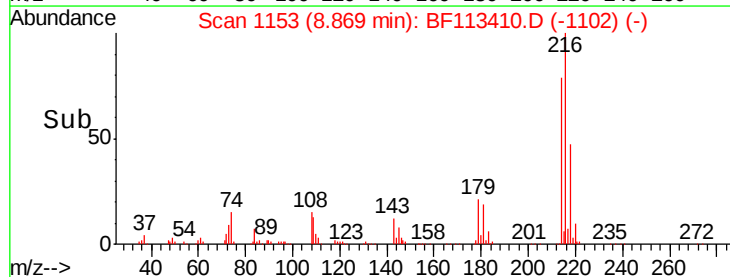
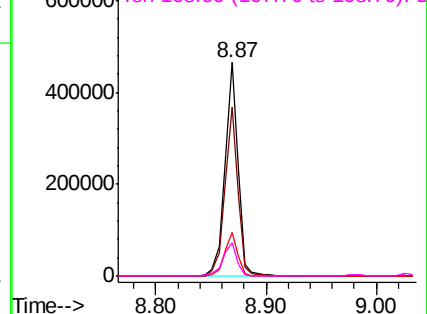
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 29.991 ng

RT: 8.86 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BF113410.D

Acq: 29 Mar 2019 13:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

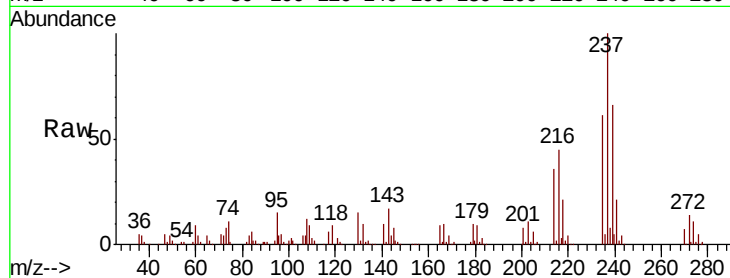
Tgt Ion:237 Resp: 117890

Ion Ratio Lower Upper

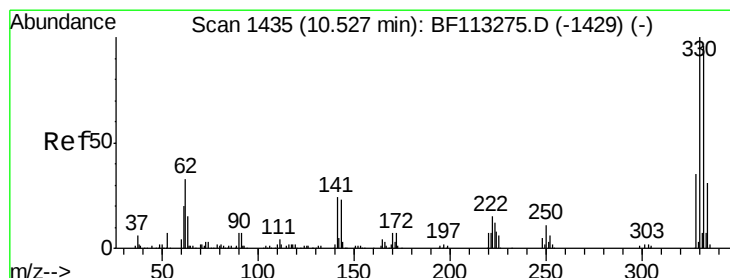
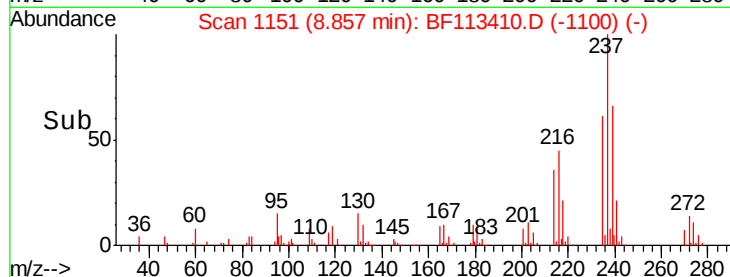
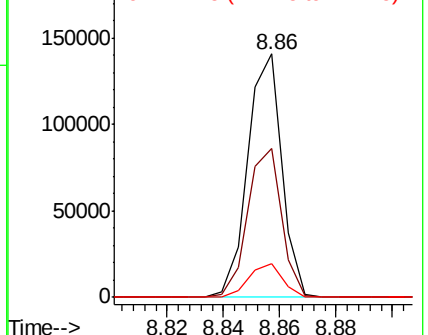
237 100

235 61.1 43.4 83.4

272 13.8 0.0 33.7



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 80.970 ng

RT: 10.53 min Scan# 1435

Delta R.T. 0.00 min

Lab File: BF113410.D

Acq: 29 Mar 2019 13:31

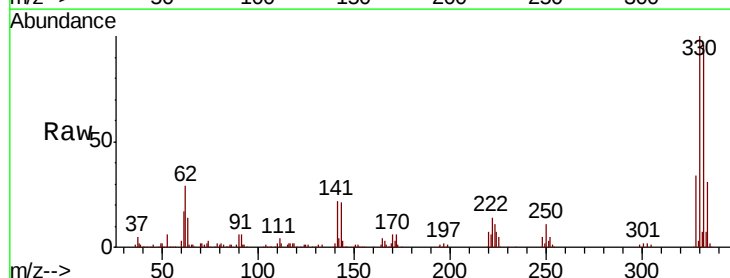
Tgt Ion:330 Resp: 289355

Ion Ratio Lower Upper

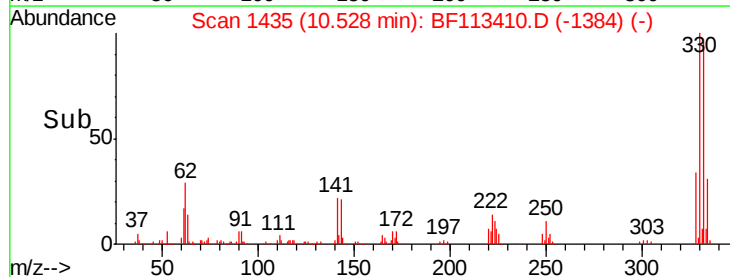
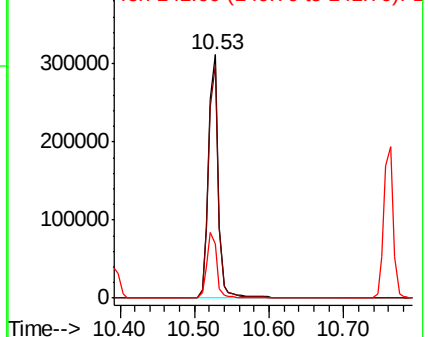
330 100

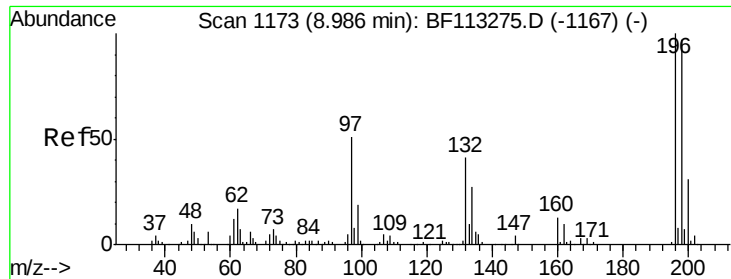
332 95.9 77.8 116.6

141 27.3 22.7 34.1



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

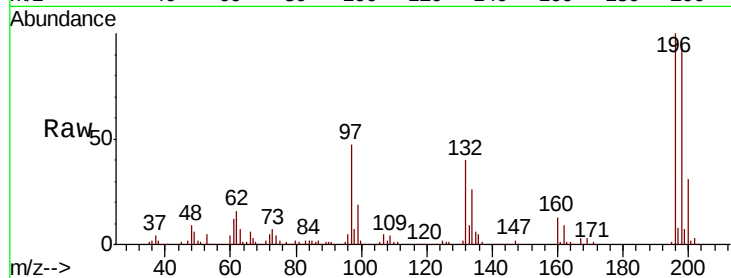




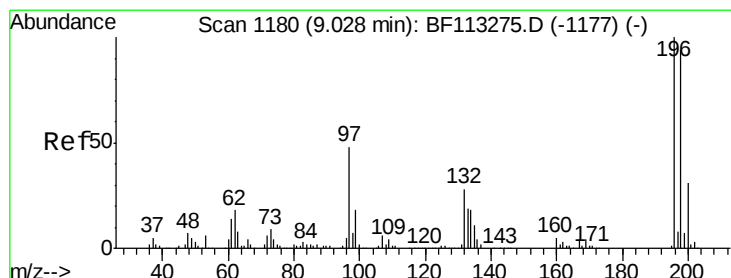
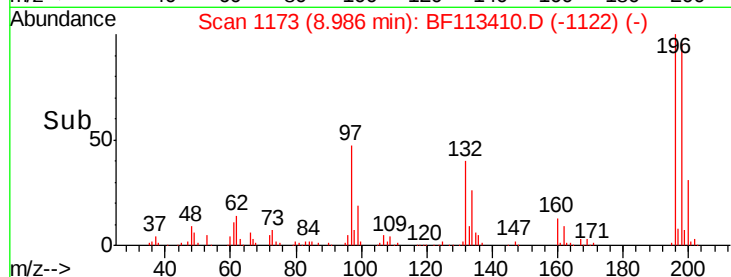
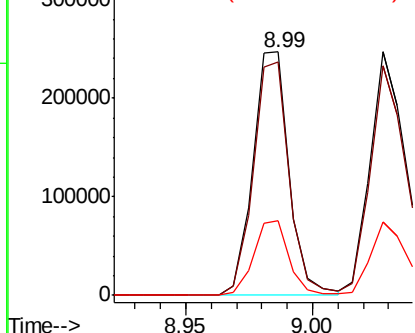
#43
 2,4,6-Trichlorophenol
 Concen: 40.685 ng
 RT: 8.99 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: BF113410.D
 Acq: 29 Mar 2019 13:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.1	77.7	116.5
200	30.8	24.9	37.3



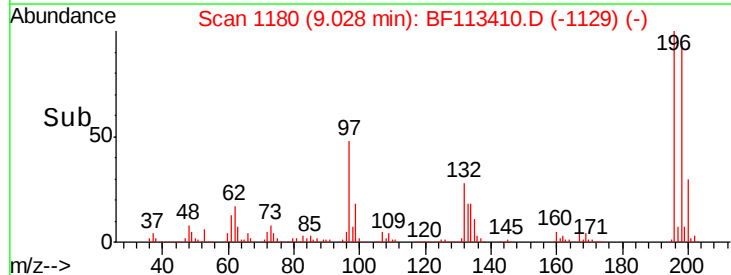
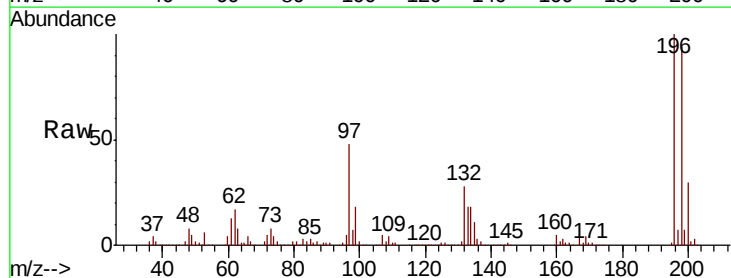
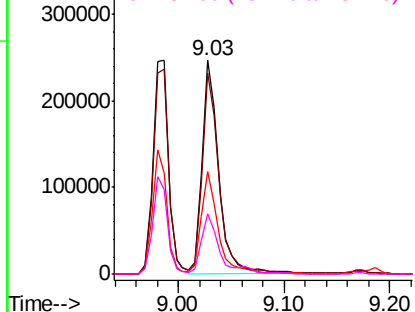
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

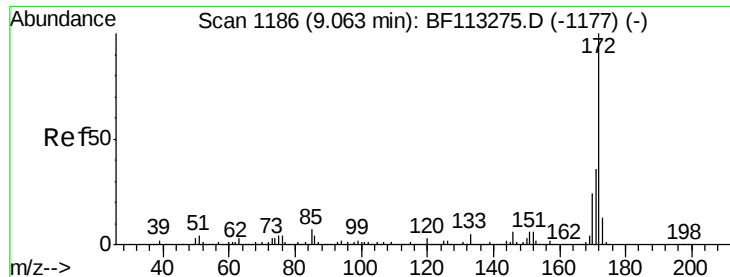


#44
 2,4,5-Trichlorophenol
 Concen: 40.112 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: BF113410.D
 Acq: 29 Mar 2019 13:31

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.0	75.4	113.2
97	48.0	38.6	58.0
132	28.2	22.9	34.3

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

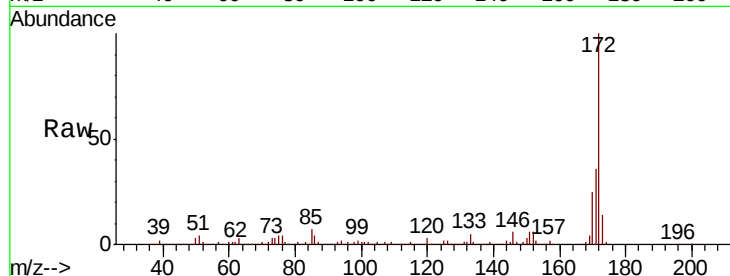




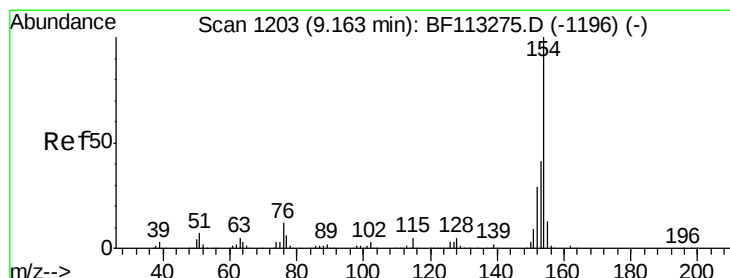
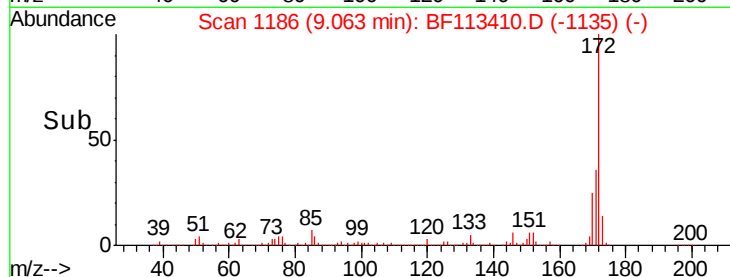
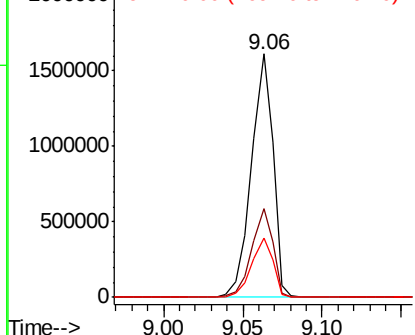
#45
2-Fluorobiphenyl
Concen: 82.424 ng
RT: 9.06 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BF113410.D
Acq: 29 Mar 2019 13:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:172 Resp: 1531263
Ion Ratio Lower Upper
172 100
171 36.4 29.0 43.6
170 24.6 19.5 29.3

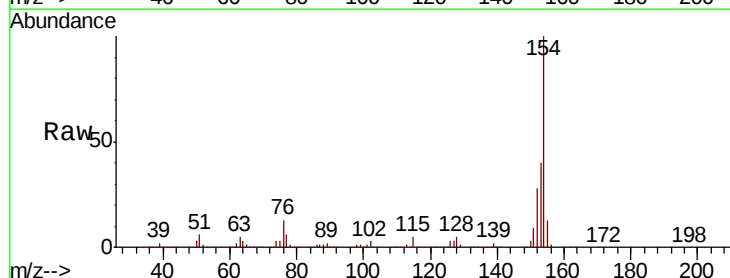


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

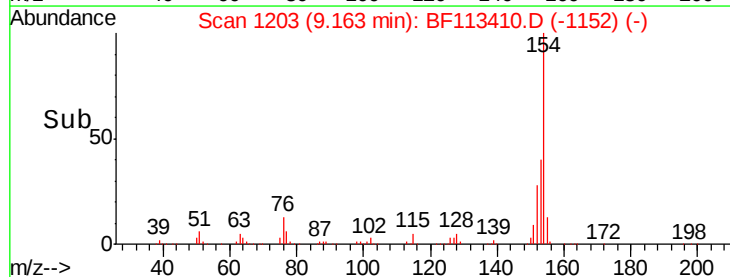
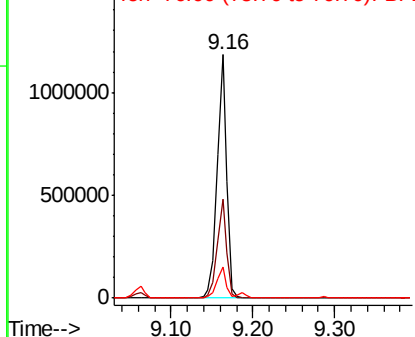


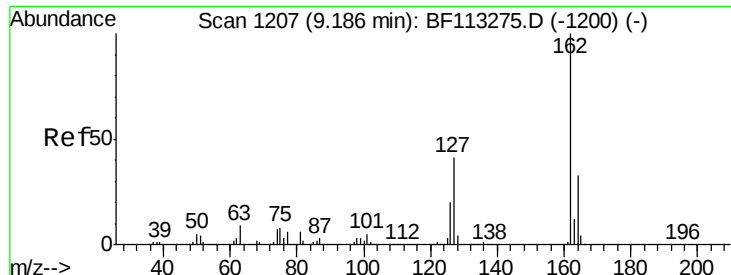
#46
1,1'-Biphenyl
Concen: 40.355 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BF113410.D
Acq: 29 Mar 2019 13:31

Tgt Ion:154 Resp: 975075
Ion Ratio Lower Upper
154 100
153 40.5 20.8 60.8
76 12.6 0.0 31.9



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

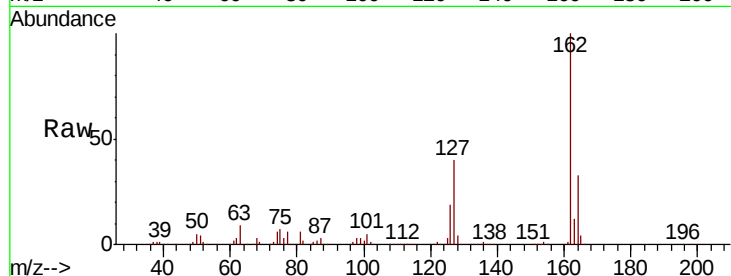




#47
 2-Chloronaphthalene
 Concen: 40.072 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. 0.00 min
 Lab File: BF113410.D
 Acq: 29 Mar 2019 13:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.0	32.6	49.0
164	32.8	26.6	39.8

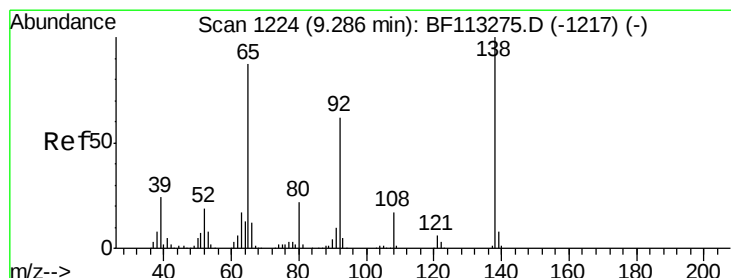
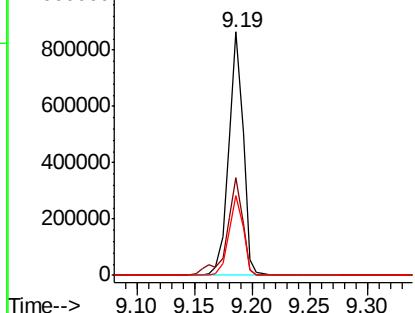
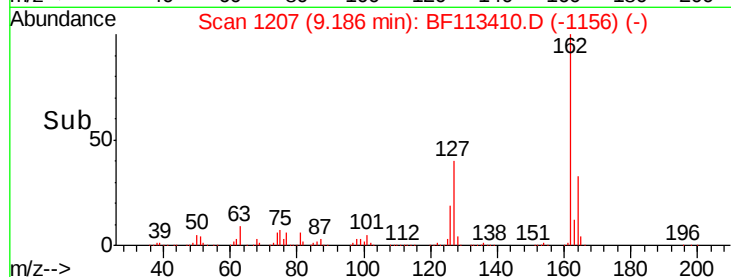


Abundance

Ion 162.00 (161.70 to 162.70): E

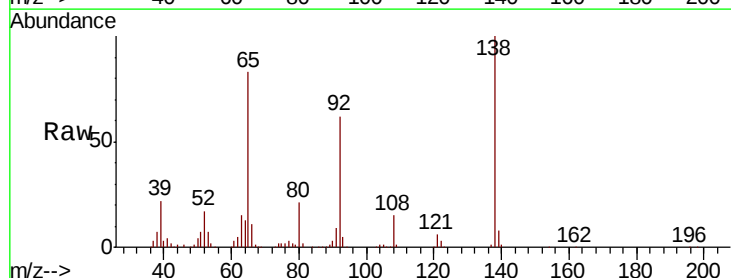
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
 2-Nitroaniline
 Concen: 39.859 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: BF113410.D
 Acq: 29 Mar 2019 13:31

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.8	56.8	85.2
138	119.9	92.3	138.5

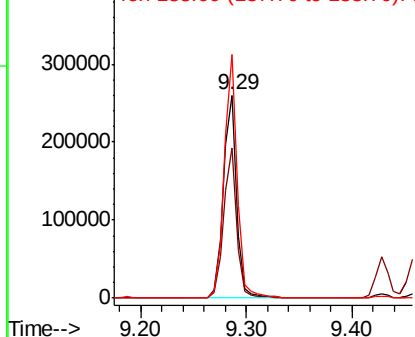
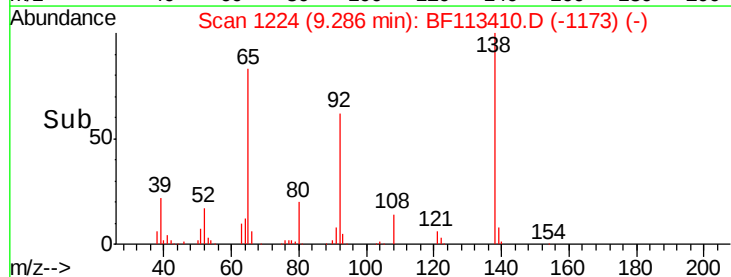


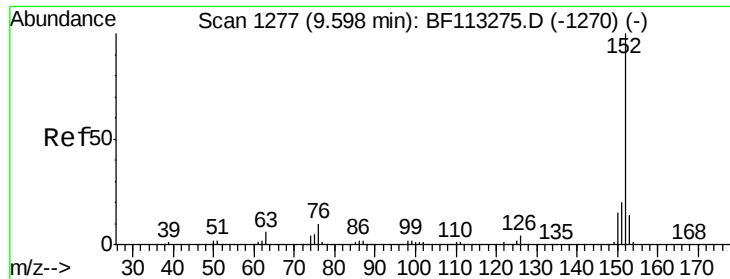
Abundance

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E

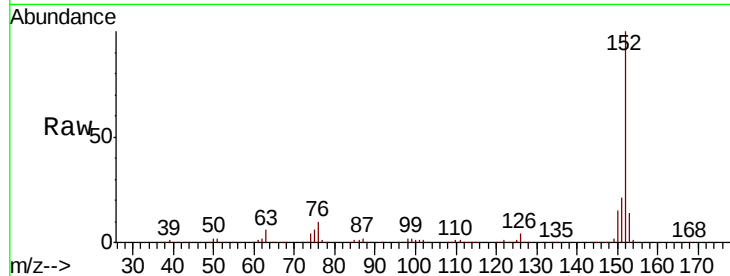




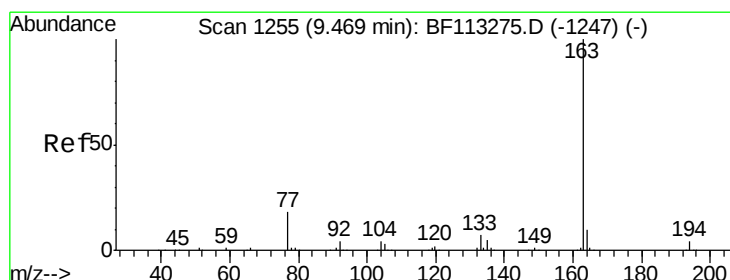
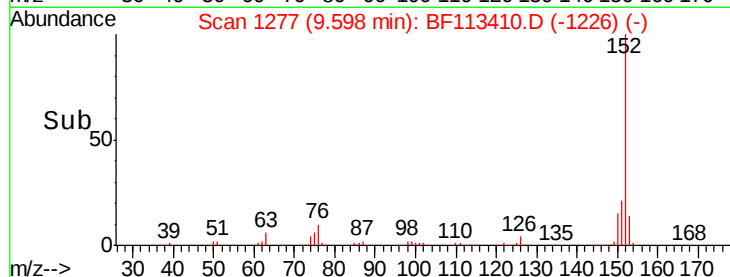
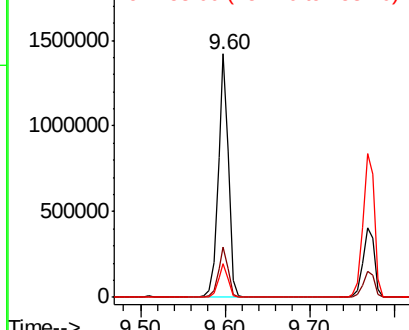
#49
Acenaphthylene
Concen: 40.780 ng
RT: 9.60 min Scan# 1277
Delta R.T. 0.00 min
Lab File: BF113410.D
Acq: 29 Mar 2019 13:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:152 Resp: 1226713
Ion Ratio Lower Upper
152 100
151 20.6 16.2 24.4
153 13.8 11.0 16.6

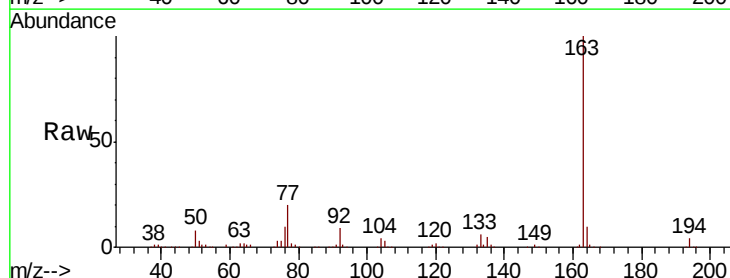


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

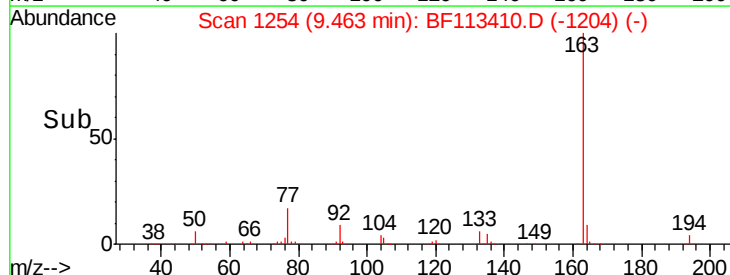
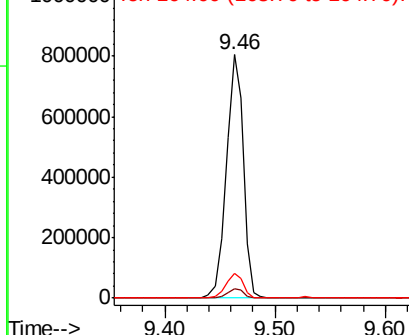


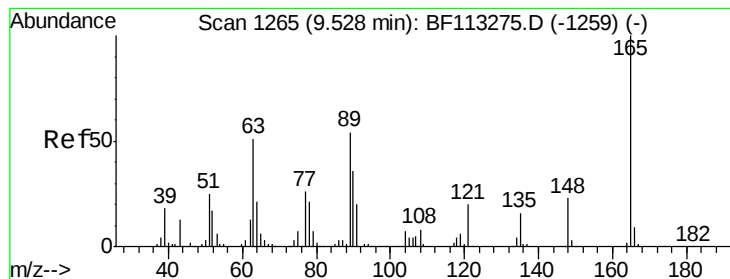
#50
Dimethylphthalate
Concen: 40.307 ng
RT: 9.46 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BF113410.D
Acq: 29 Mar 2019 13:31

Tgt Ion:163 Resp: 864187
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 10.1 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 40.016 ng

RT: 9.53 min Scan# 1265

Delta R.T. 0.00 min

Lab File: BF113410.D

Acq: 29 Mar 2019 13:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

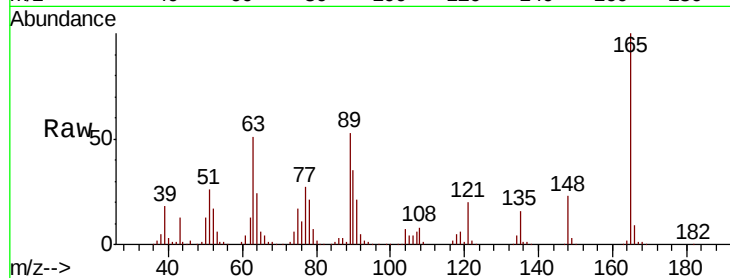
Tgt Ion:165 Resp: 193547

Ion Ratio Lower Upper

165 100

63 51.5 43.4 65.0

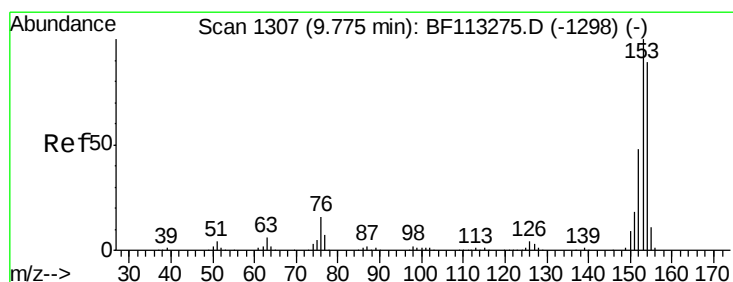
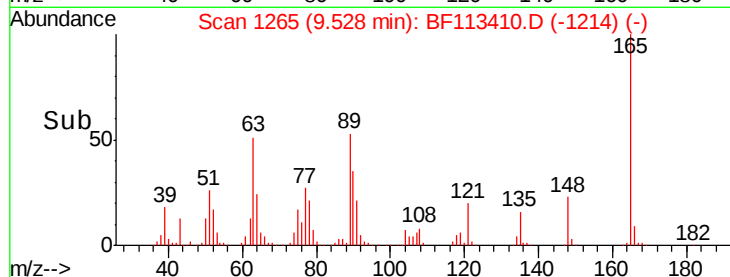
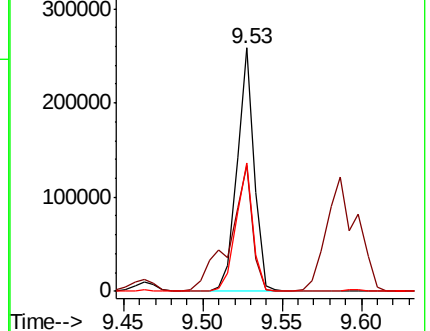
89 52.5 43.1 64.7



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: 40.623 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BF113410.D

Acq: 29 Mar 2019 13:31

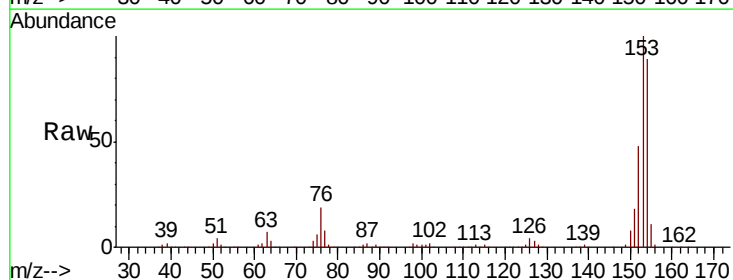
Tgt Ion:154 Resp: 688157

Ion Ratio Lower Upper

154 100

153 112.2 89.5 134.3

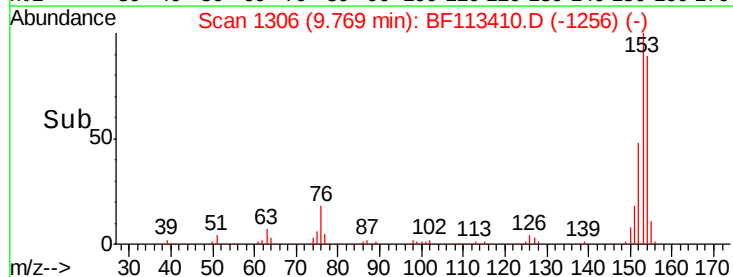
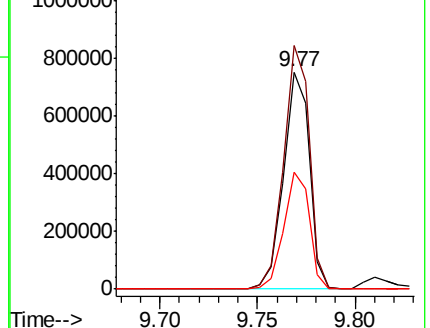
152 53.6 43.3 64.9

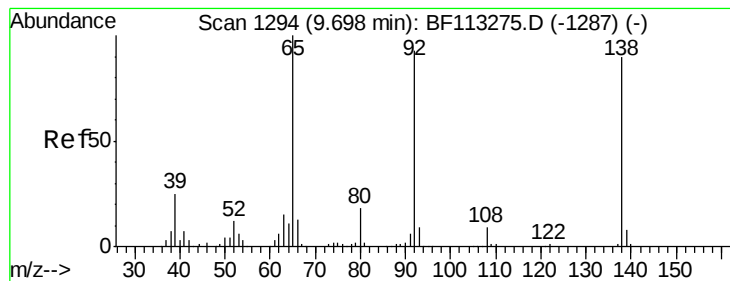


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 40.921 ng

RT: 9.70 min Scan# 1294

Delta R.T. 0.00 min

Lab File: BF113410.D

Acq: 29 Mar 2019 13:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

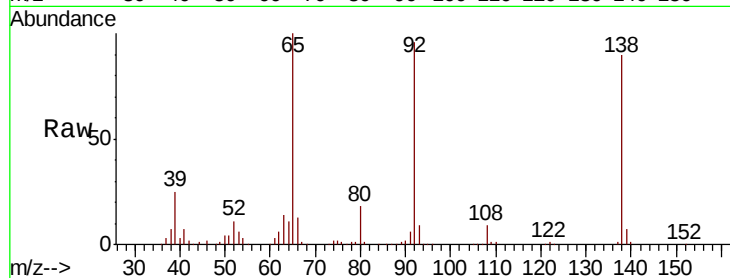
Tgt Ion:138 Resp: 223204

Ion Ratio Lower Upper

138 100

108 9.5 7.8 11.6

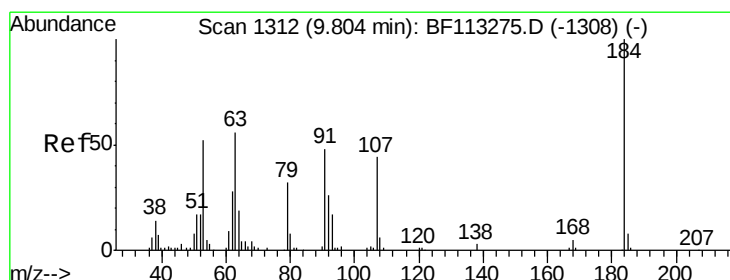
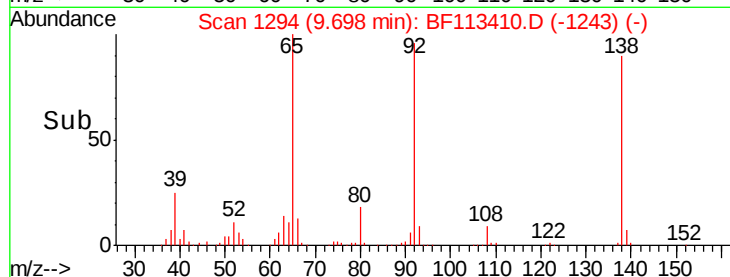
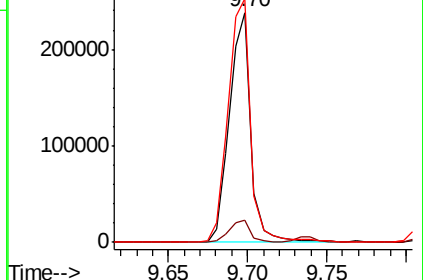
92 105.9 82.6 124.0



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 36.740 ng

RT: 9.81 min Scan# 1313

Delta R.T. 0.01 min

Lab File: BF113410.D

Acq: 29 Mar 2019 13:31

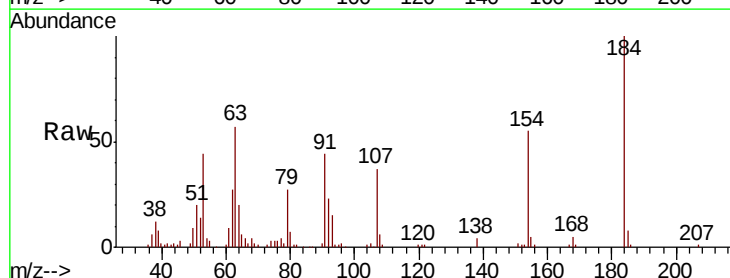
Tgt Ion:184 Resp: 88384

Ion Ratio Lower Upper

184 100

63 57.3 54.3 81.5

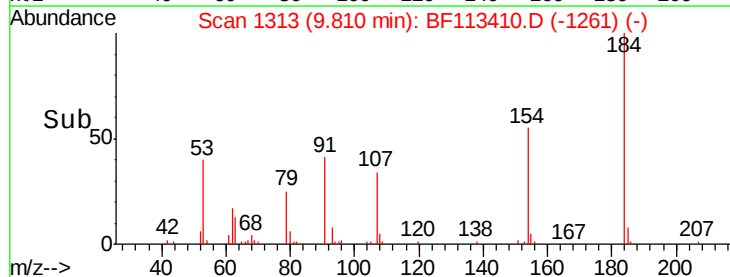
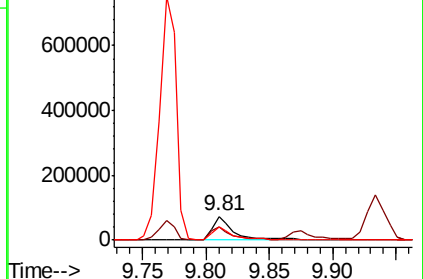
154 55.3 48.4 72.6

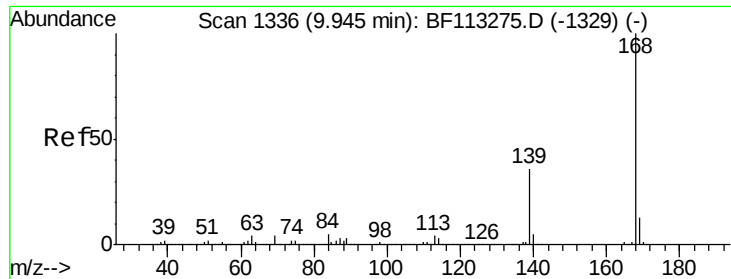


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 40.410 ng

RT: 9.94 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BF113410.D

Acq: 29 Mar 2019 13:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

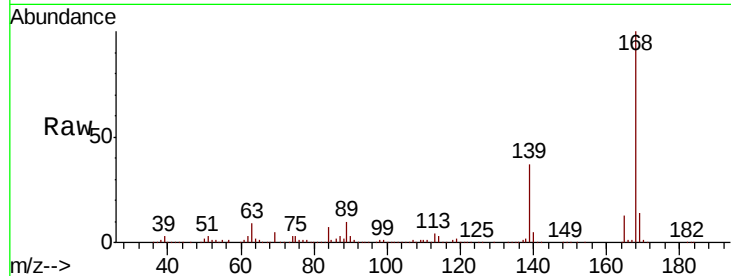
Tgt Ion:168 Resp: 1029122

Ion Ratio Lower Upper

168 100

139 36.7 29.7 44.5

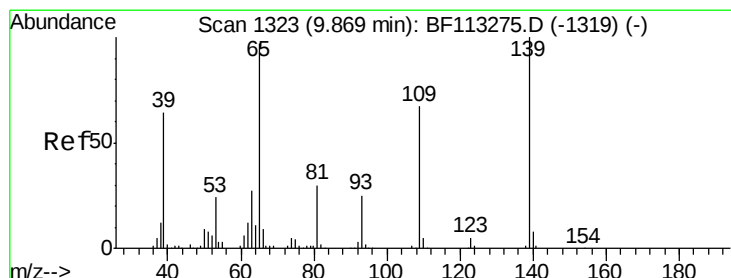
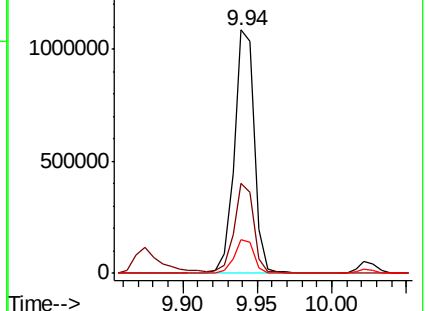
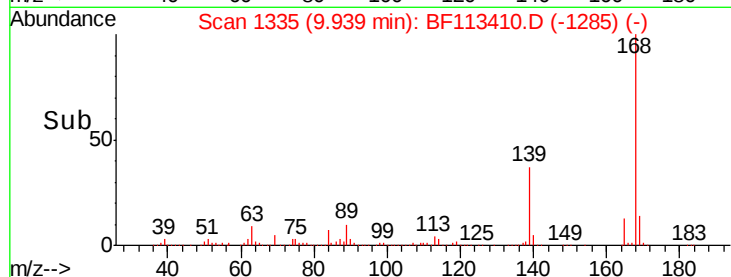
169 13.7 10.7 16.1



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 36.747 ng

RT: 9.87 min Scan# 1324

Delta R.T. 0.01 min

Lab File: BF113410.D

Acq: 29 Mar 2019 13:31

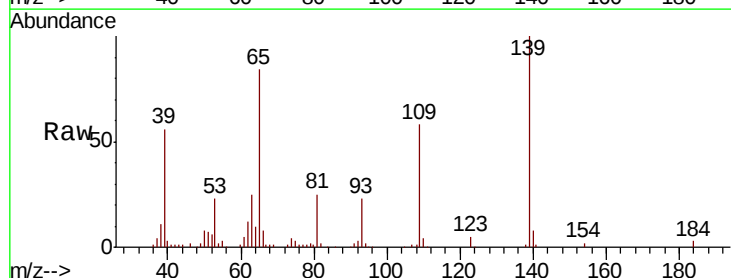
Tgt Ion:139 Resp: 142897

Ion Ratio Lower Upper

139 100

109 58.4 46.9 86.9

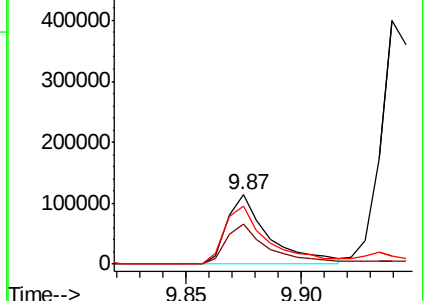
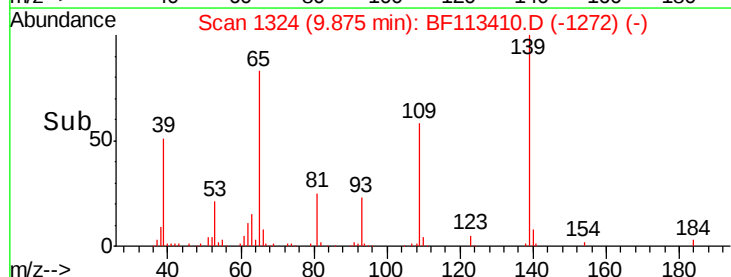
65 83.9 77.2 117.2

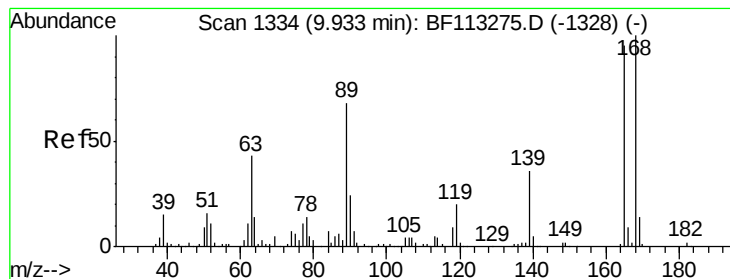


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 40.002 ng

RT: 9.93 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BF113410.D

Acq: 29 Mar 2019 13:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:165 Resp: 246051

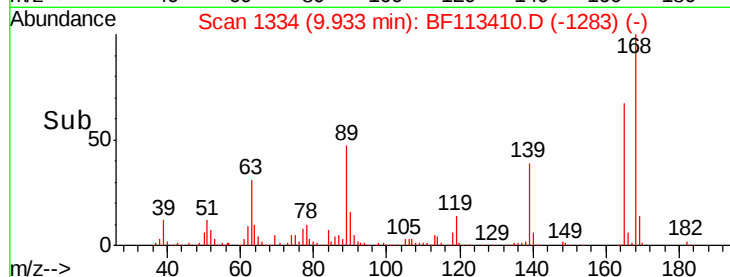
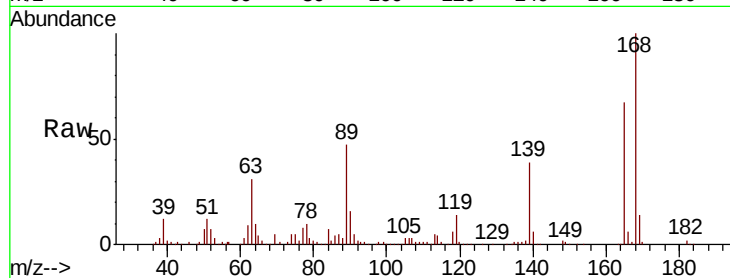
Ion Ratio Lower Upper

165 100

63 47.3 37.5 56.3

89 71.2 57.4 86.2

182 2.4 2.0 3.0

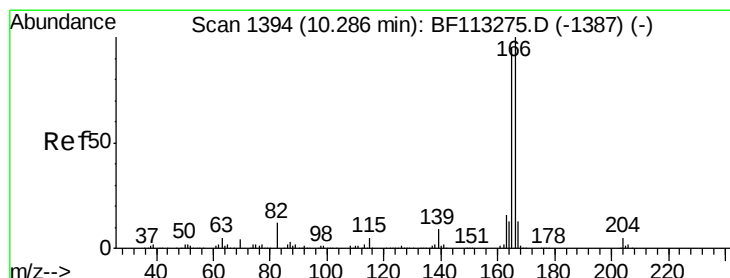
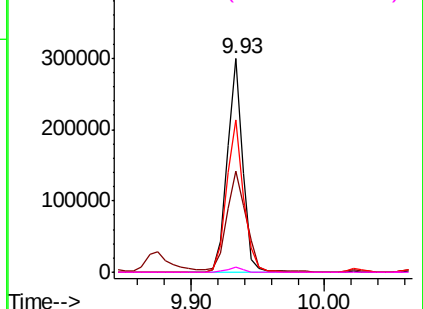


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 40.344 ng

RT: 10.29 min Scan# 1394

Delta R.T. 0.00 min

Lab File: BF113410.D

Acq: 29 Mar 2019 13:31

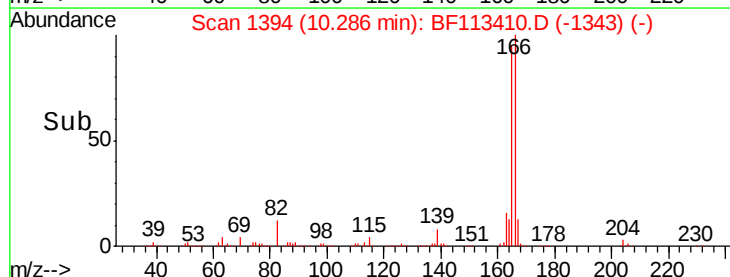
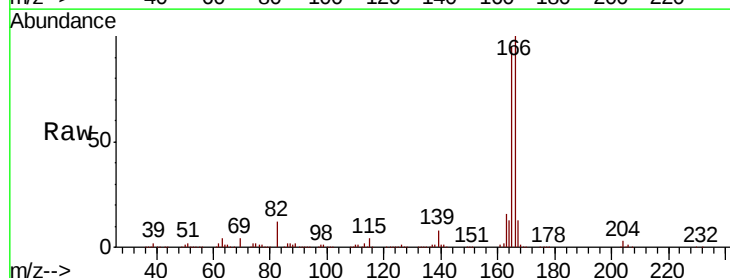
Tgt Ion:166 Resp: 798152

Ion Ratio Lower Upper

166 100

165 94.7 76.2 114.2

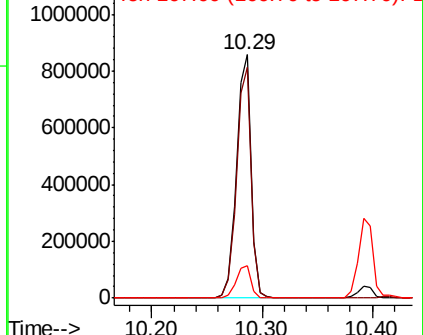
167 13.5 10.7 16.1



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

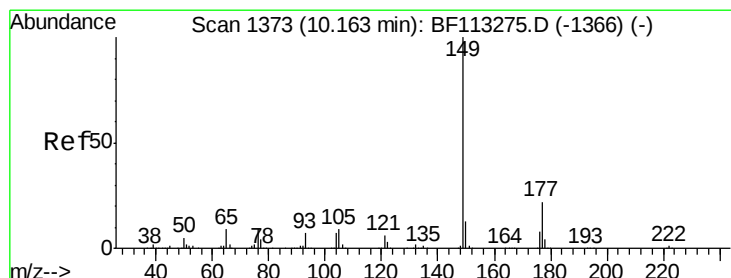
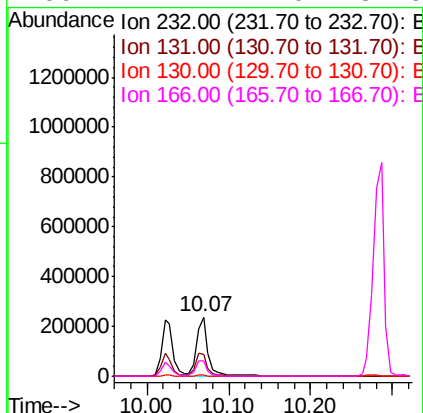
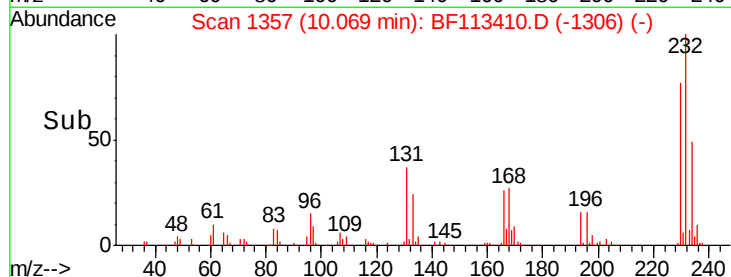
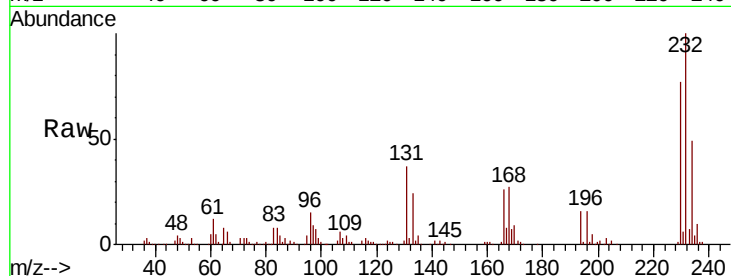




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.196 ng
 RT: 10.07 min Scan# 1357
 Delta R.T. 0.00 min
 Lab File: BF113410.D
 Acq: 29 Mar 2019 13:31

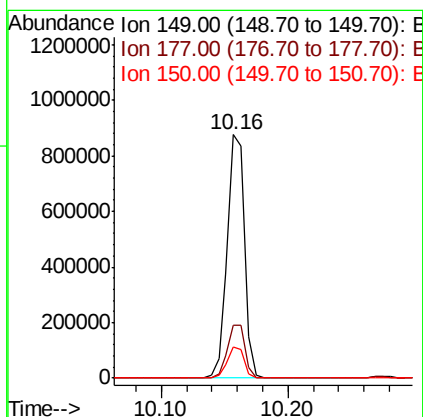
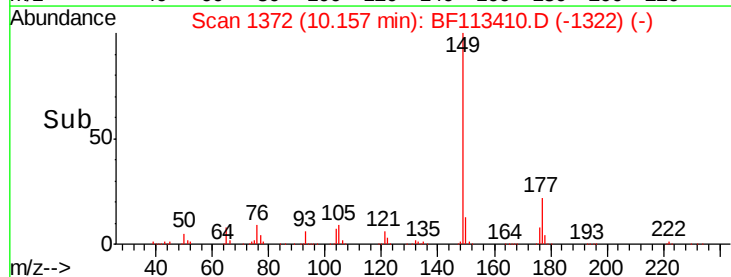
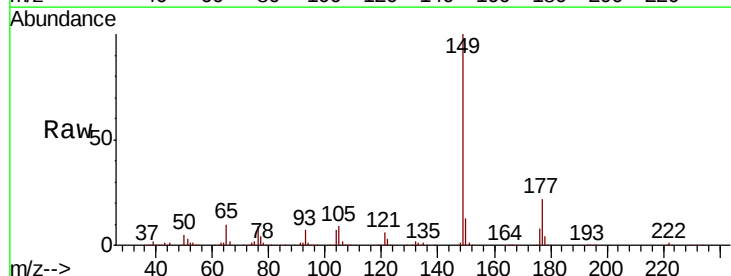
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

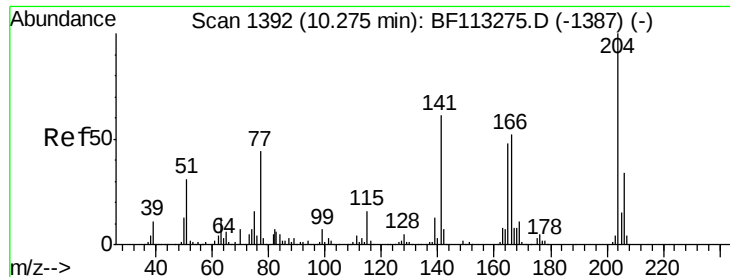
Tgt Ion:	232	Resp:	233154
Ion	Ratio	Lower	Upper
232	100		
131	39.4	33.2	49.8
130	1.9	1.6	2.4
166	27.1	21.0	31.6



#60
 Diethylphthalate
 Concen: 39.255 ng
 RT: 10.16 min Scan# 1372
 Delta R.T. -0.01 min
 Lab File: BF113410.D
 Acq: 29 Mar 2019 13:31

Tgt Ion:	149	Resp:	825634
Ion	Ratio	Lower	Upper
149	100		
177	21.6	17.4	26.0
150	12.9	10.0	15.0

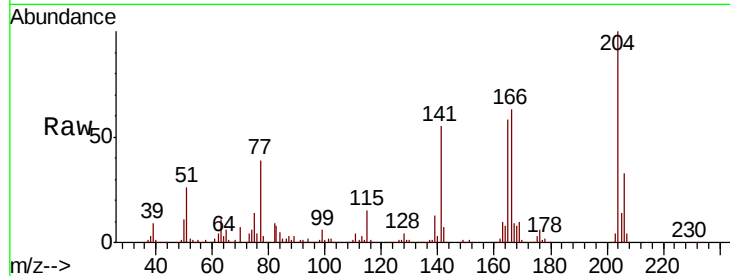




#61
 4-Chlorophenyl-phenylether
 Concen: 40.684 ng
 RT: 10.27 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: BF113410.D
 Acq: 29 Mar 2019 13:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.9	40.3
141	55.1	48.8	73.2

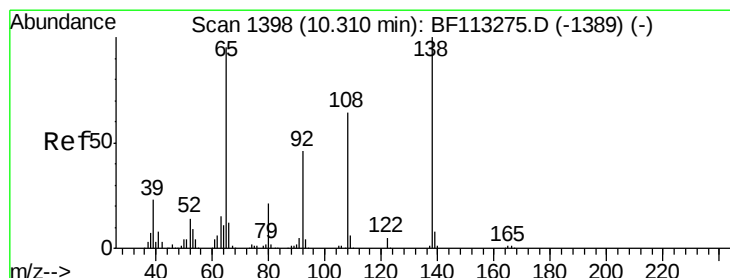
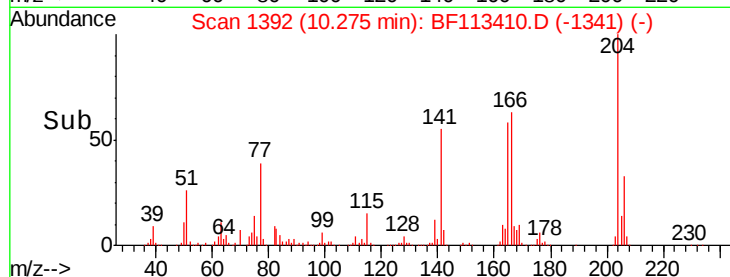
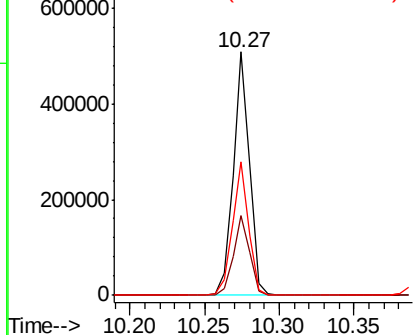


Abundance

Ion 204.00 (203.70 to 204.70): E

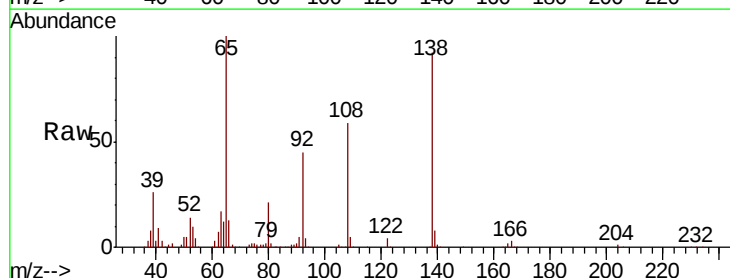
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
 4-Nitroaniline
 Concen: 40.851 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. -0.01 min
 Lab File: BF113410.D
 Acq: 29 Mar 2019 13:31

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.1	25.8	65.8
108	64.5	44.0	84.0

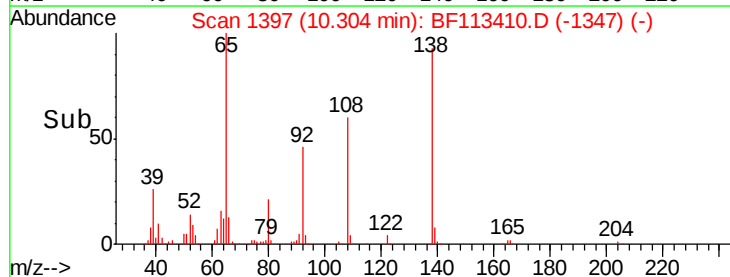
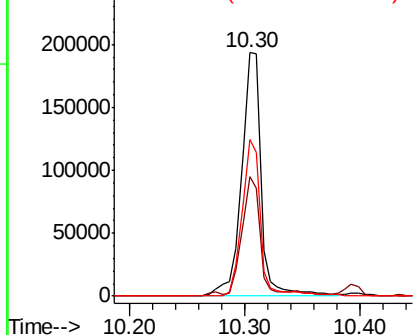


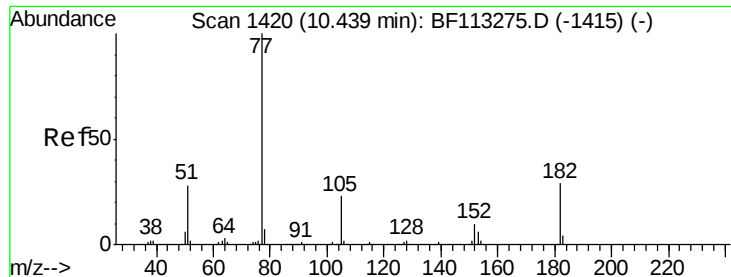
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 40.543 ng

RT: 10.43 min Scan# 1419

Delta R.T. -0.01 min

Lab File: BF113410.D

Acq: 29 Mar 2019 13:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 77 Resp: 802684

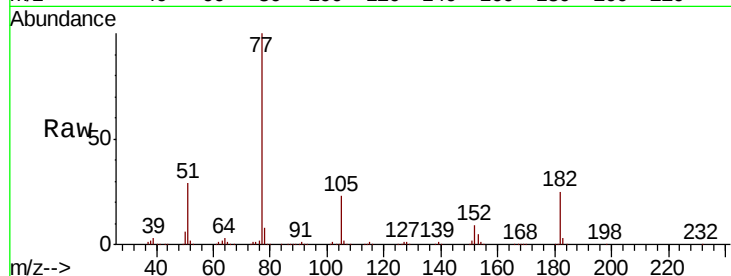
Ion Ratio Lower Upper

77 100

182 24.8 8.7 48.7

105 22.6 2.9 42.9

51 29.0 8.8 48.8

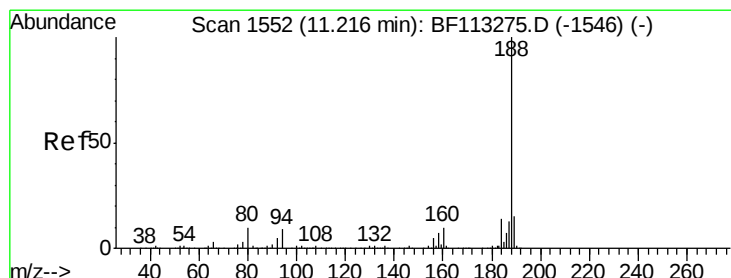
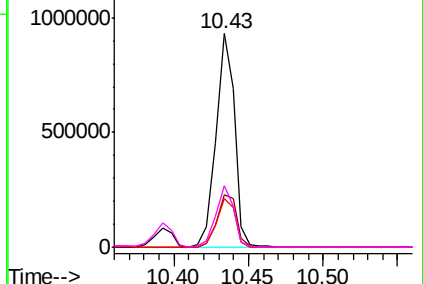
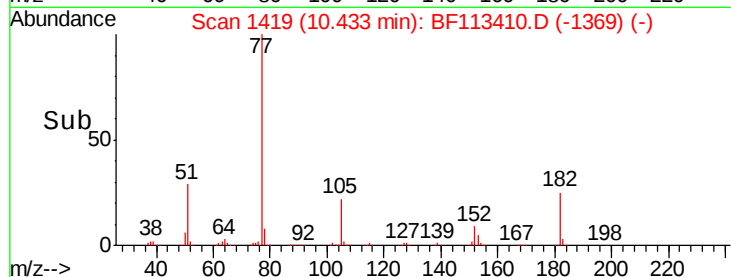


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.22 min Scan# 1552

Delta R.T. 0.00 min

Lab File: BF113410.D

Acq: 29 Mar 2019 13:31

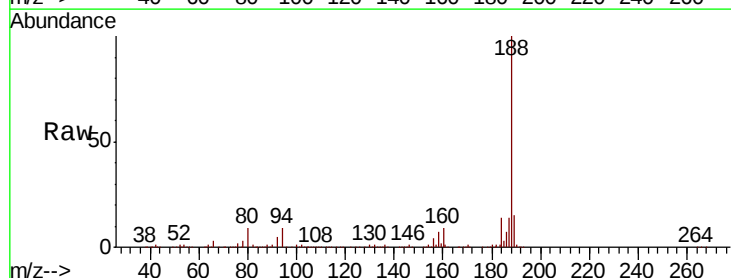
Tgt Ion: 188 Resp: 570201

Ion Ratio Lower Upper

188 100

94 9.0 7.0 10.6

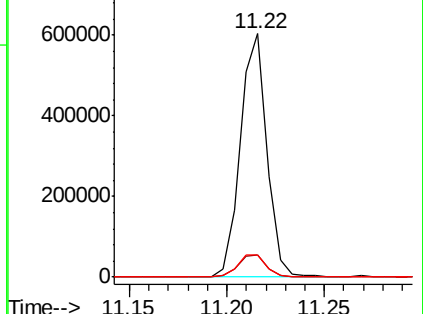
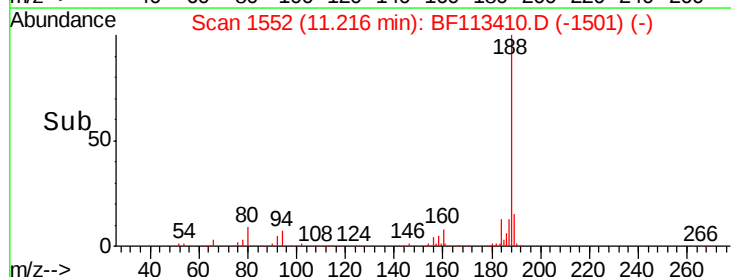
80 9.3 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

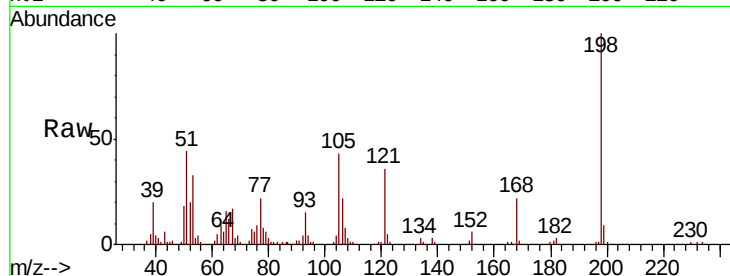




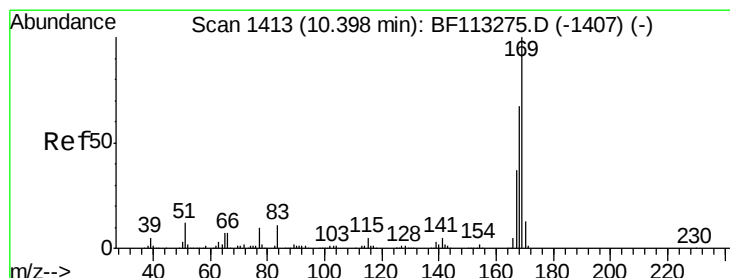
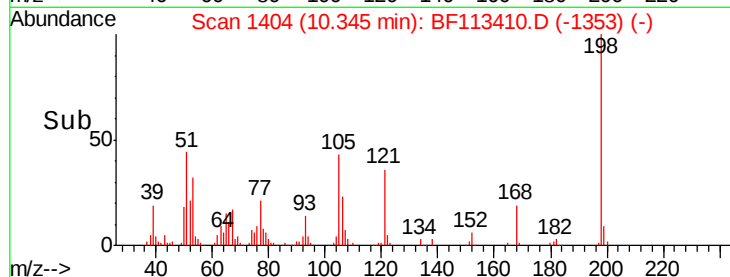
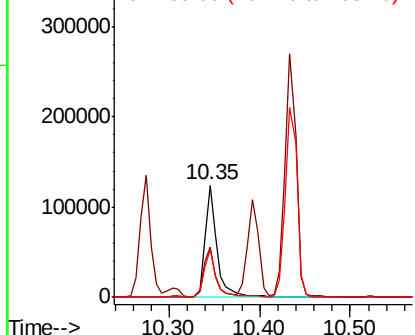
#65
 4,6-Dinitro-2-methylphenol
 Concen: 37.678 ng
 RT: 10.35 min Scan# 1404
 Delta R.T. 0.00 min
 Lab File: BF113410.D
 Acq: 29 Mar 2019 13:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:198 Resp: 117526
 Ion Ratio Lower Upper
 198 100
 51 44.4 21.6 61.6
 105 43.1 20.6 60.6

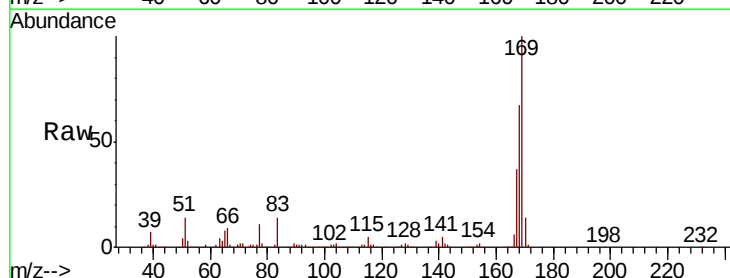


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

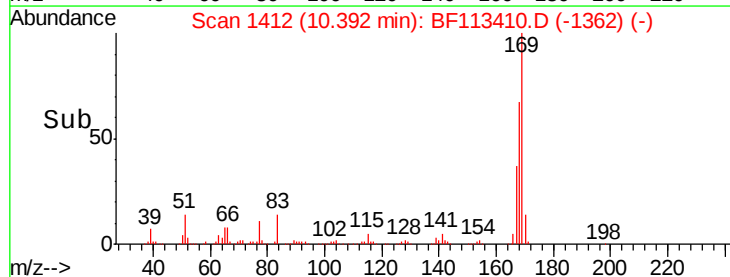
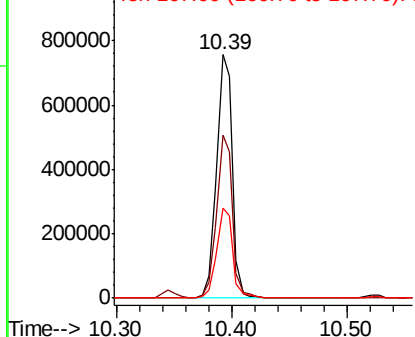


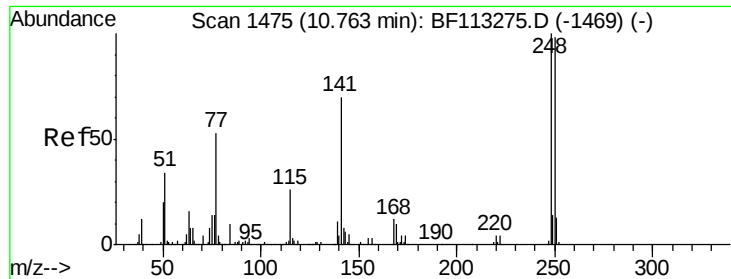
#66
 n-Nitrosodiphenylamine
 Concen: 40.573 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. -0.01 min
 Lab File: BF113410.D
 Acq: 29 Mar 2019 13:31

Tgt Ion:169 Resp: 709900
 Ion Ratio Lower Upper
 169 100
 168 66.8 53.7 80.5
 167 37.0 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

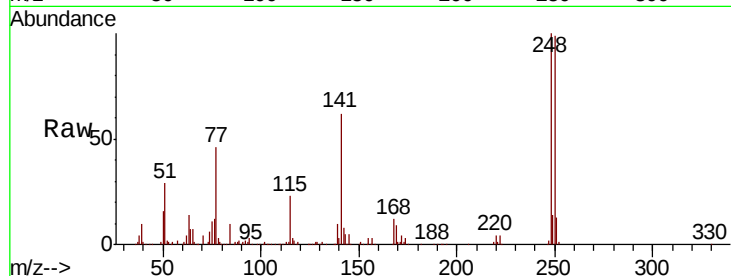




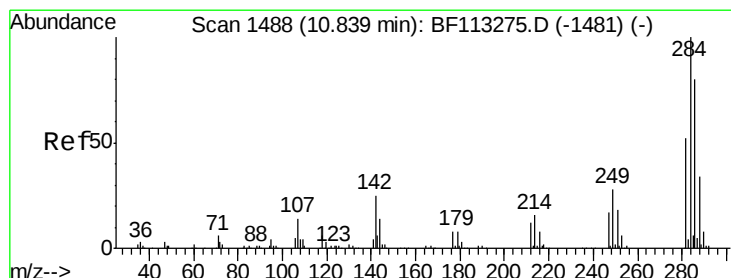
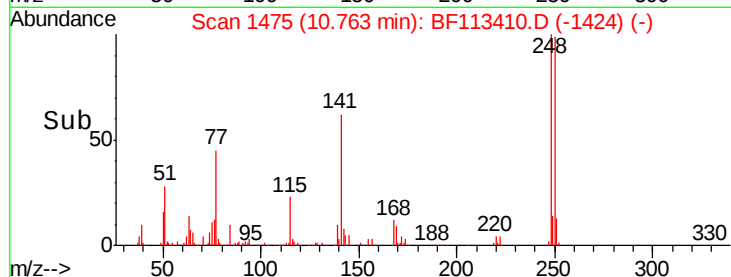
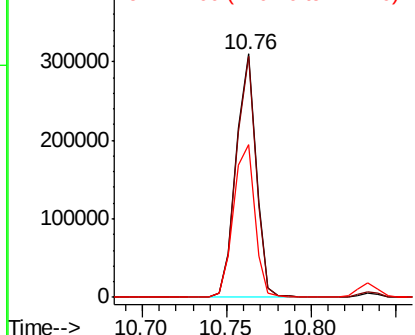
#67
4-Bromophenyl-phenylether
Concen: 41.352 ng
RT: 10.76 min Scan# 1475
Delta R.T. 0.00 min
Lab File: BF113410.D
Acq: 29 Mar 2019 13:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:248 Resp: 256992
Ion Ratio Lower Upper
248 100
250 98.8 78.3 117.5
141 62.5 56.2 84.4

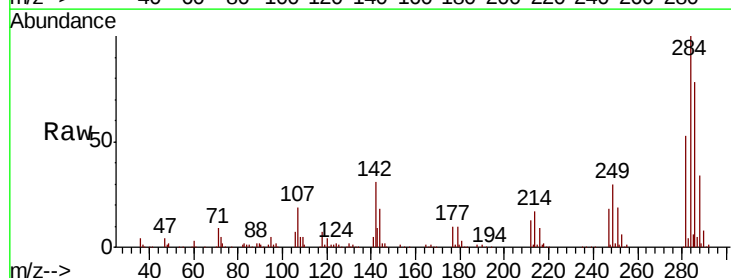


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

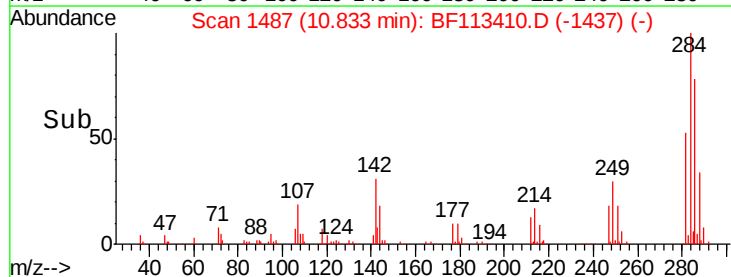
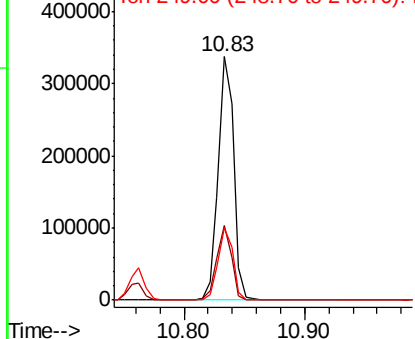


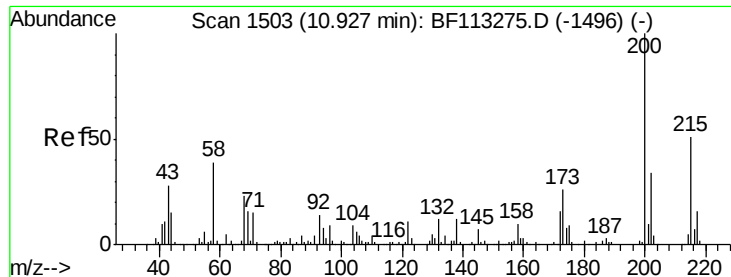
#68
Hexachlorobenzene
Concen: 41.022 ng
RT: 10.83 min Scan# 1487
Delta R.T. -0.01 min
Lab File: BF113410.D
Acq: 29 Mar 2019 13:31

Tgt Ion:284 Resp: 295920
Ion Ratio Lower Upper
284 100
142 30.8 20.1 30.1#
249 29.7 22.7 34.1



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

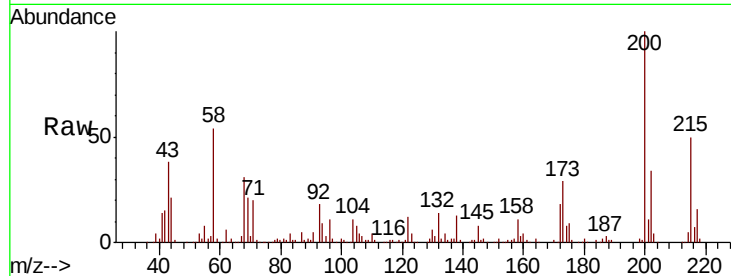




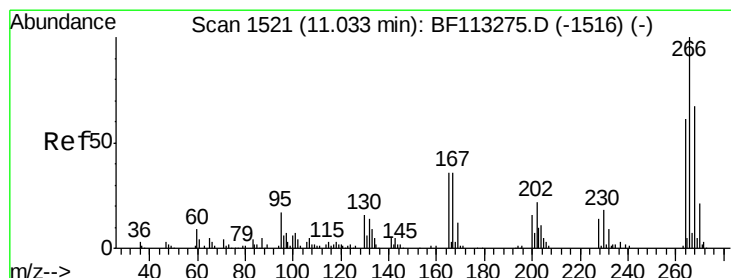
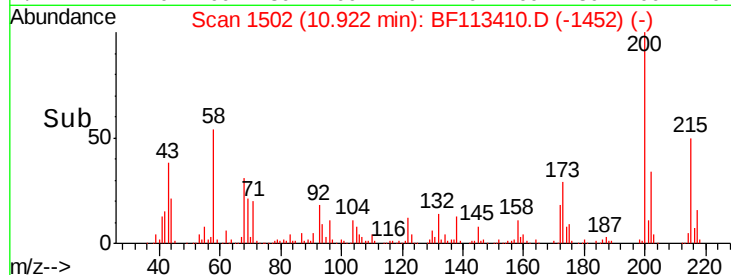
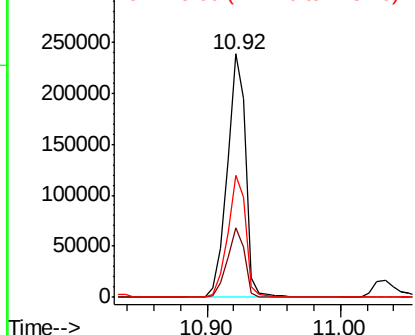
#69
Atrazine
Concen: 42.065 ng
RT: 10.92 min Scan# 1502
Delta R.T. -0.01 min
Lab File: BF113410.D
Acq: 29 Mar 2019 13:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:200 Resp: 232312
Ion Ratio Lower Upper
200 100
173 28.5 6.0 46.0
215 50.0 31.3 71.3

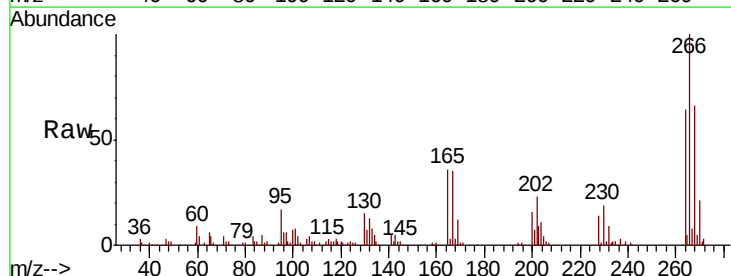


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

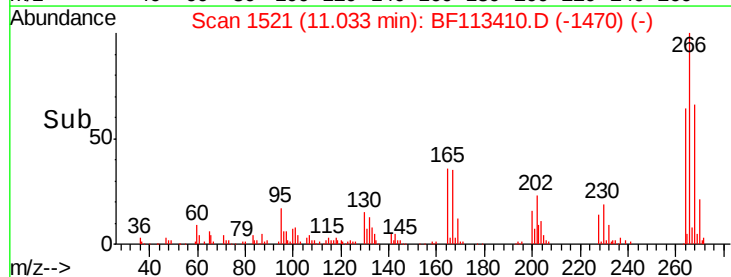
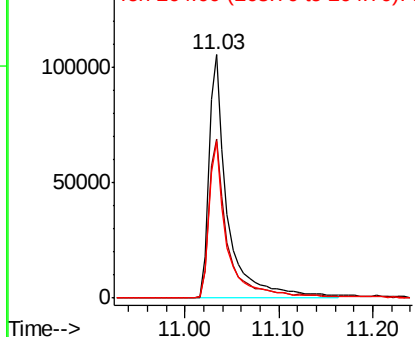


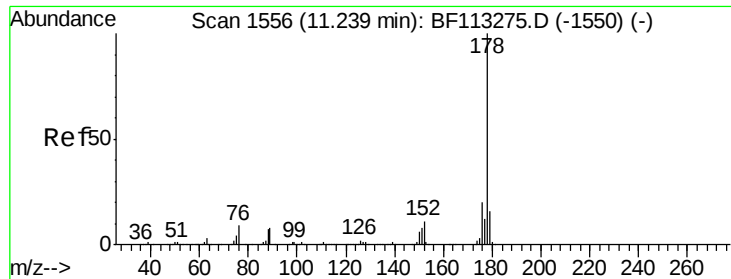
#70
Pentachlorophenol
Concen: 38.984 ng
RT: 11.03 min Scan# 1521
Delta R.T. 0.00 min
Lab File: BF113410.D
Acq: 29 Mar 2019 13:31

Tgt Ion:266 Resp: 146514
Ion Ratio Lower Upper
266 100
268 65.6 53.8 80.6
264 64.4 49.2 73.8



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E

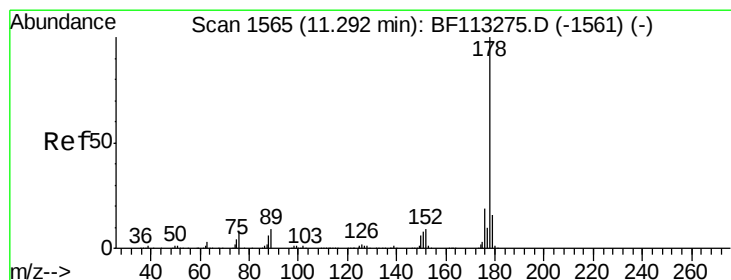
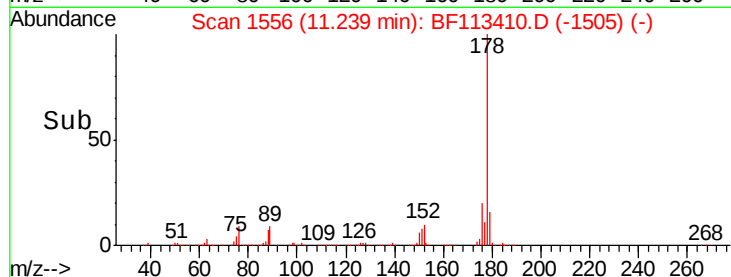
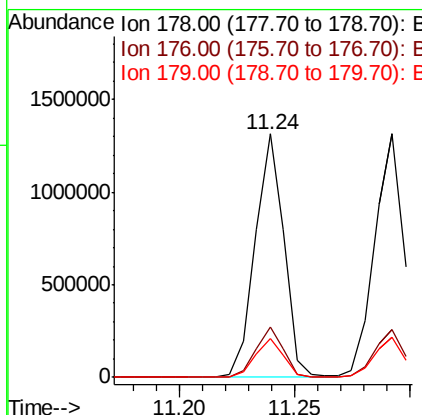
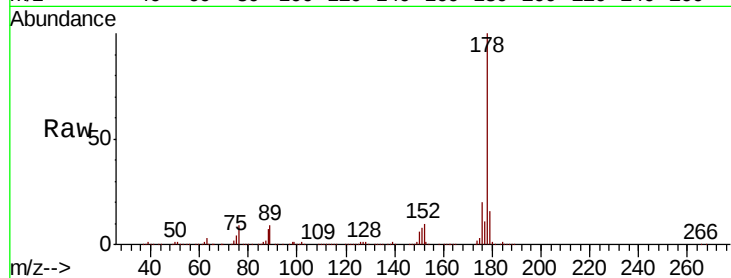




#71
Phenanthrene
Concen: 40.622 ng
RT: 11.24 min Scan# 1556
Delta R.T. 0.00 min
Lab File: BF113410.D
Acq: 29 Mar 2019 13:31

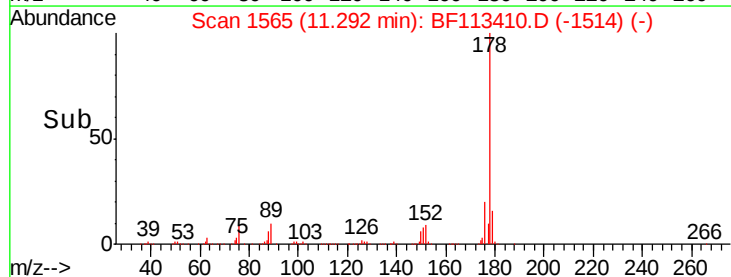
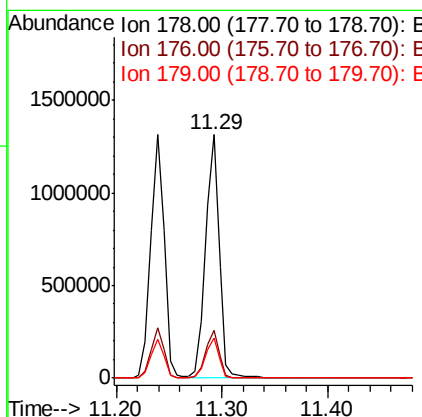
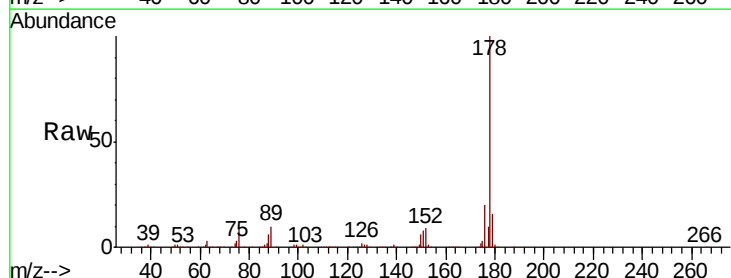
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

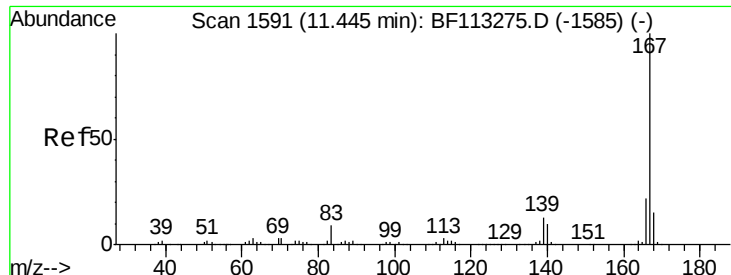
Tgt Ion:178 Resp: 1150251
Ion Ratio Lower Upper
178 100
176 20.4 16.2 24.2
179 15.8 12.7 19.1



#72
Anthracene
Concen: 40.979 ng
RT: 11.29 min Scan# 1565
Delta R.T. 0.00 min
Lab File: BF113410.D
Acq: 29 Mar 2019 13:31

Tgt Ion:178 Resp: 1178638
Ion Ratio Lower Upper
178 100
176 19.7 15.4 23.2
179 16.2 12.8 19.2

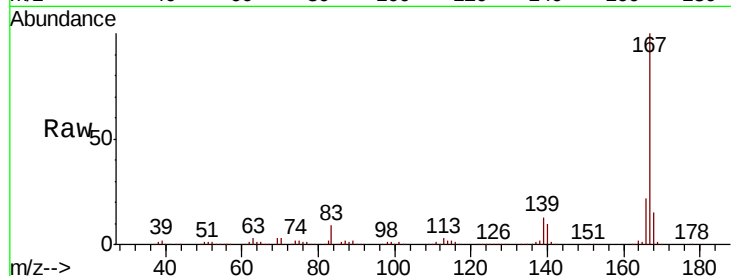




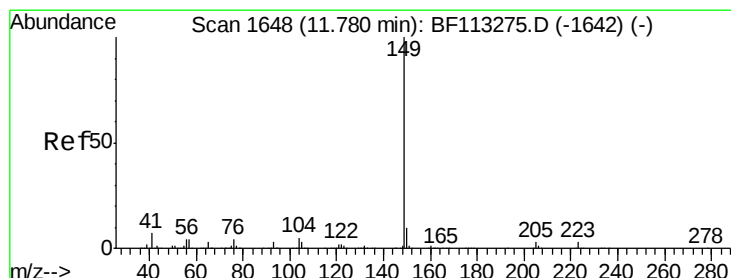
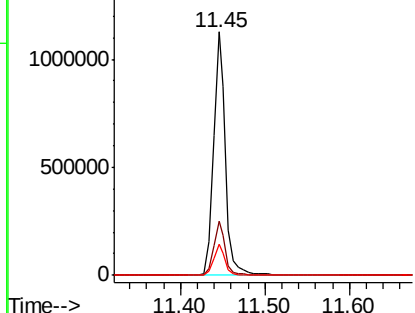
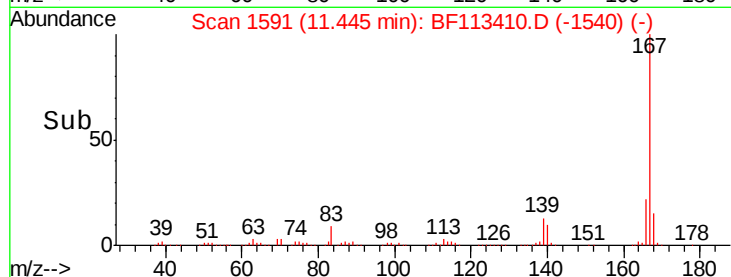
#73
 Carbazole
 Concen: 41.552 ng
 RT: 11.45 min Scan# 1591
 Delta R.T. 0.00 min
 Lab File: BF113410.D
 Acq: 29 Mar 2019 13:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:167 Resp: 1140398
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.4 26.0
 139 12.8 10.4 15.6

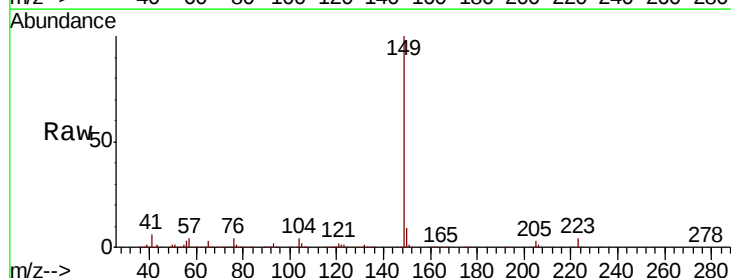


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

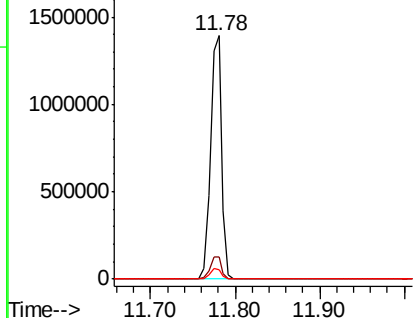
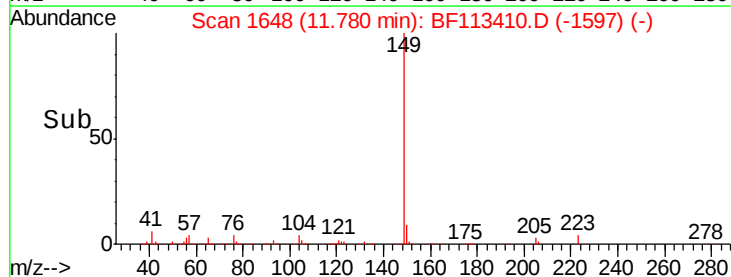


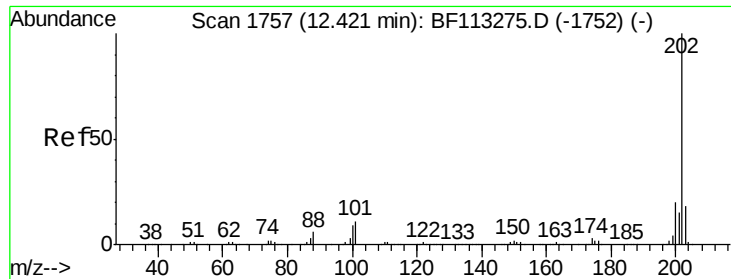
#74
 Di-n-butylphthalate
 Concen: 40.794 ng
 RT: 11.78 min Scan# 1648
 Delta R.T. 0.00 min
 Lab File: BF113410.D
 Acq: 29 Mar 2019 13:31

Tgt Ion:149 Resp: 1298321
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.7 11.5
 104 3.9 3.7 5.5



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 38.987 ng

RT: 12.42 min Scan# 1757

Delta R.T. 0.00 min

Lab File: BF113410.D

Acq: 29 Mar 2019 13:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

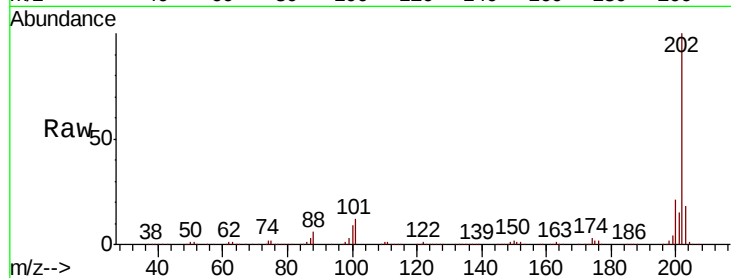
Tgt Ion:202 Resp: 1248031

Ion Ratio Lower Upper

202 100

101 12.2 0.0 31.4

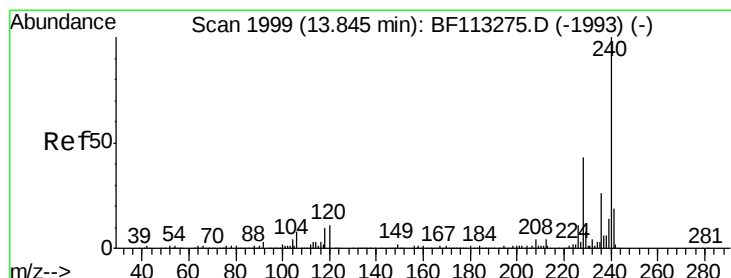
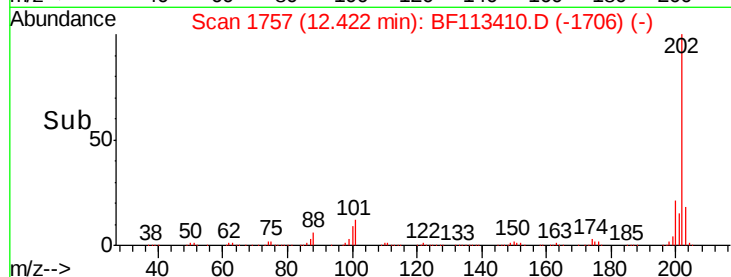
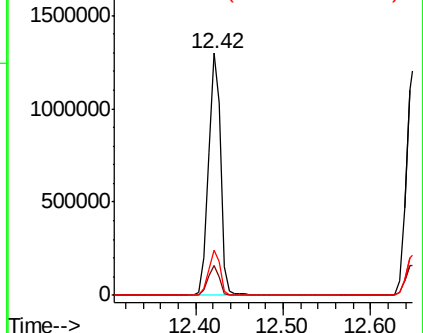
203 18.5 0.0 38.0



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: 13.84 min Scan# 1999

Delta R.T. 0.00 min

Lab File: BF113410.D

Acq: 29 Mar 2019 13:31

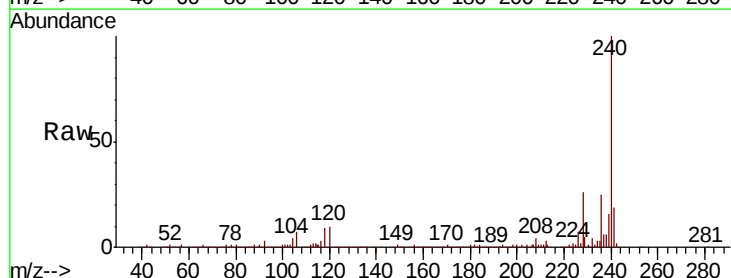
Tgt Ion:240 Resp: 394302

Ion Ratio Lower Upper

240 100

120 10.0 8.8 13.2

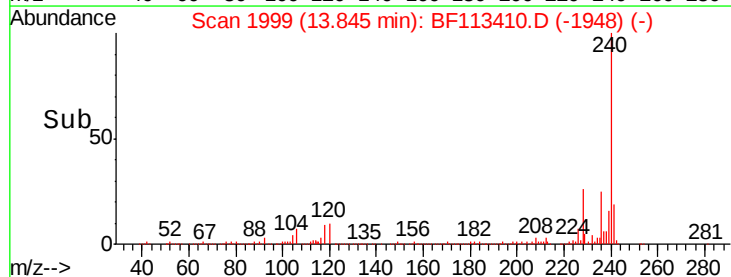
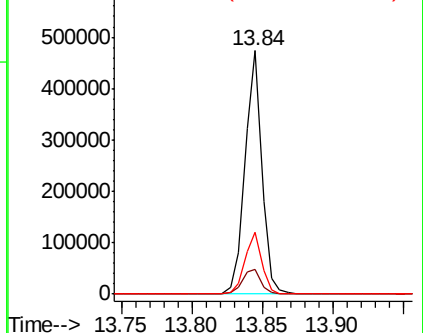
236 25.4 20.9 31.3

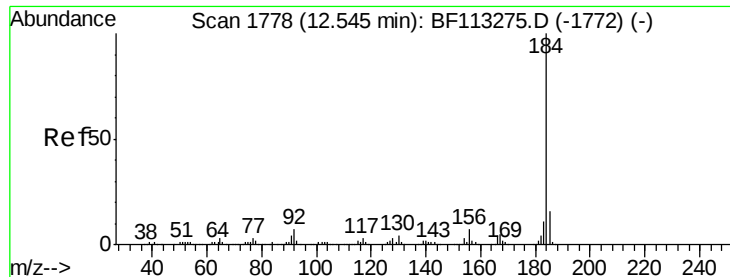


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 43.297 ng

RT: 12.55 min Scan# 1778

Delta R.T. 0.00 min

Lab File: BF113410.D

Acq: 29 Mar 2019 13:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

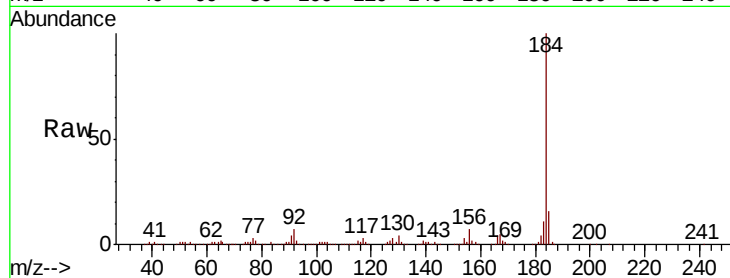
Tgt Ion:184 Resp: 653779

Ion Ratio Lower Upper

184 100

185 16.0 13.0 19.6

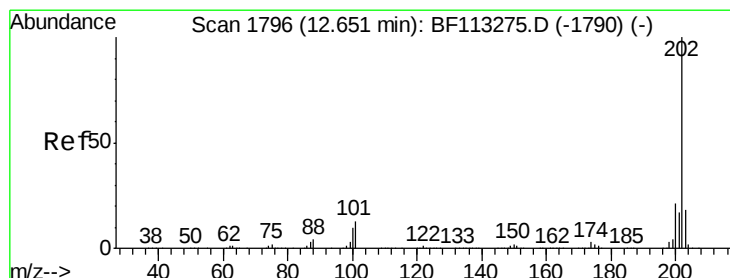
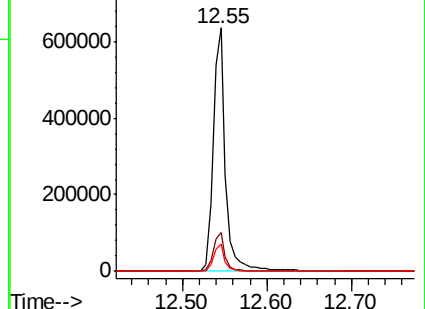
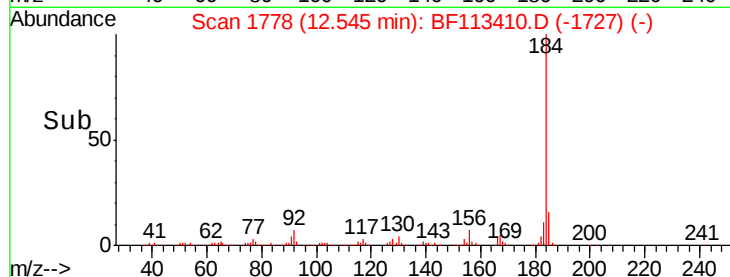
183 11.0 9.0 13.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 45.958 ng

RT: 12.65 min Scan# 1796

Delta R.T. 0.00 min

Lab File: BF113410.D

Acq: 29 Mar 2019 13:31

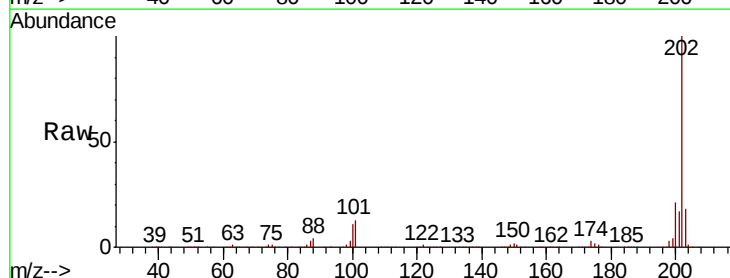
Tgt Ion:202 Resp: 1255748

Ion Ratio Lower Upper

202 100

200 21.1 16.8 25.2

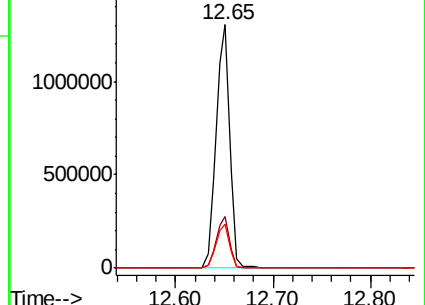
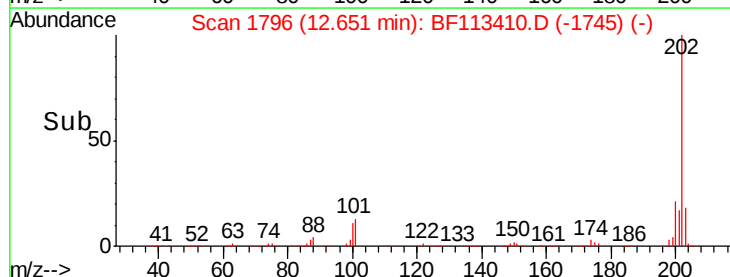
203 17.9 14.4 21.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 90.906 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.00 min

Lab File: BF113410.D

Acq: 29 Mar 2019 13:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

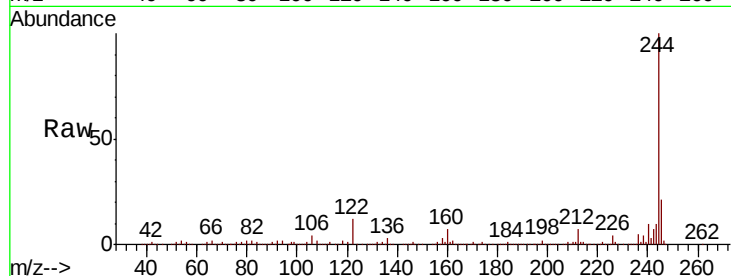
Tgt Ion:244 Resp: 1626203

Ion Ratio Lower Upper

244 100

212 6.8 5.5 8.3

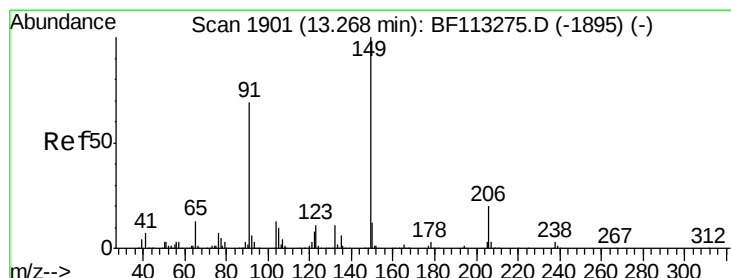
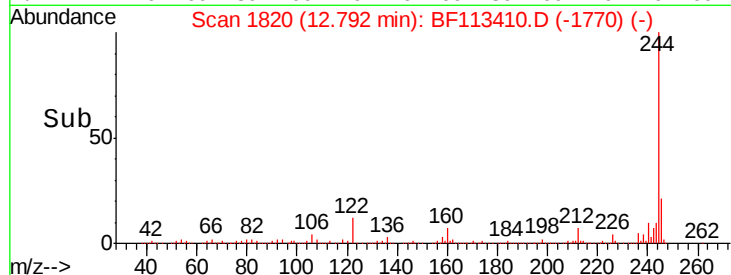
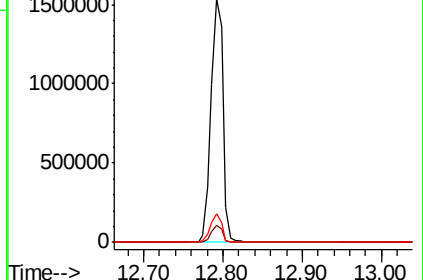
122 11.8 8.6 13.0



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: 42.030 ng

RT: 13.27 min Scan# 1901

Delta R.T. 0.00 min

Lab File: BF113410.D

Acq: 29 Mar 2019 13:31

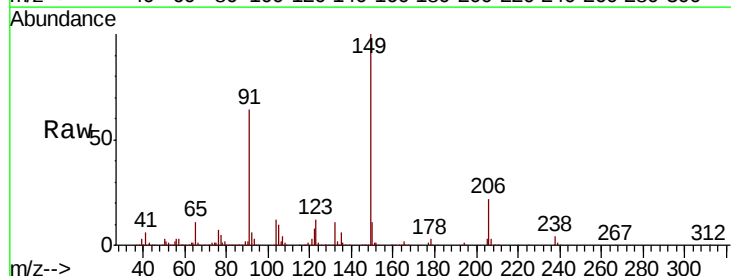
Tgt Ion:149 Resp: 506118

Ion Ratio Lower Upper

149 100

91 63.9 55.2 82.8

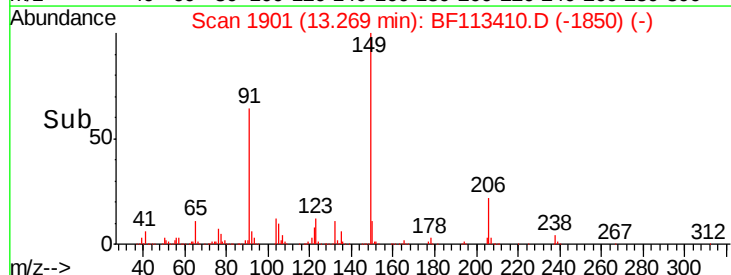
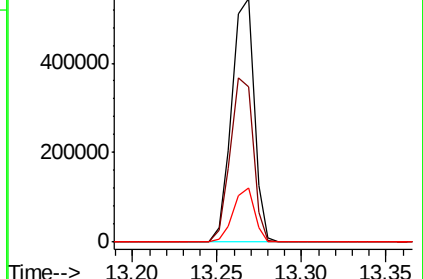
206 22.0 16.1 24.1

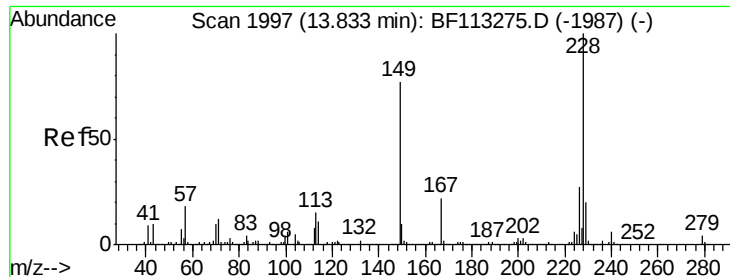


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.452 ng

RT: 13.83 min Scan# 1997

Delta R.T. 0.00 min

Lab File: BF113410.D

Acq: 29 Mar 2019 13:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

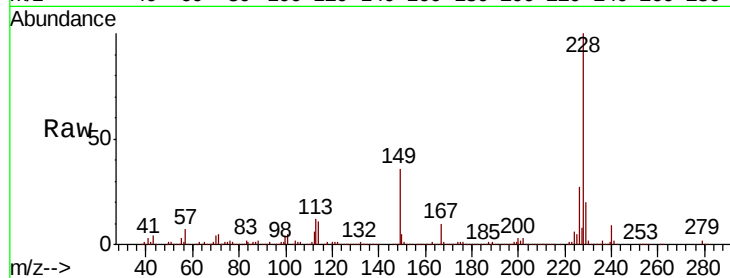
Tgt Ion:228 Resp: 935599

Ion Ratio Lower Upper

228 100

226 26.8 21.8 32.8

229 20.1 16.2 24.4

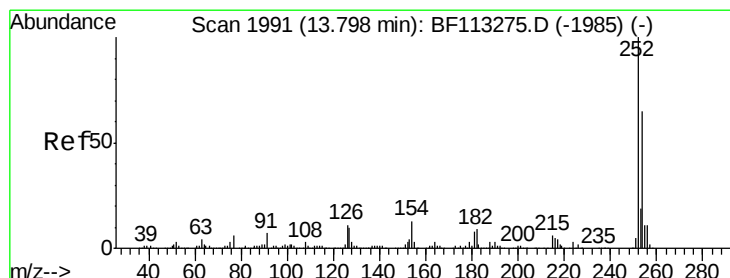
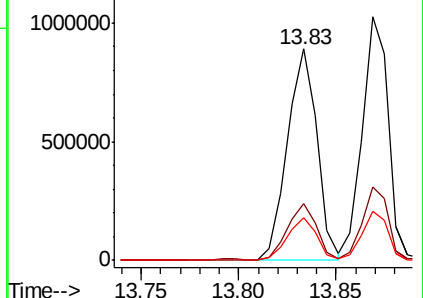
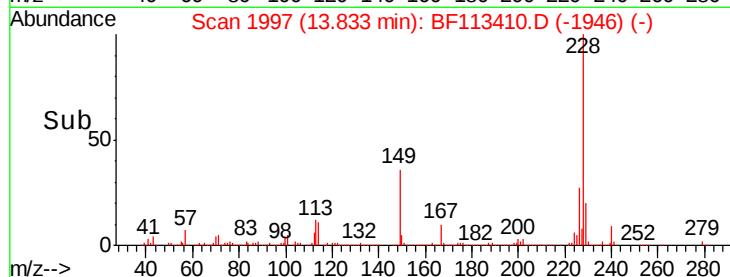


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 41.846 ng

RT: 13.80 min Scan# 1991

Delta R.T. 0.00 min

Lab File: BF113410.D

Acq: 29 Mar 2019 13:31

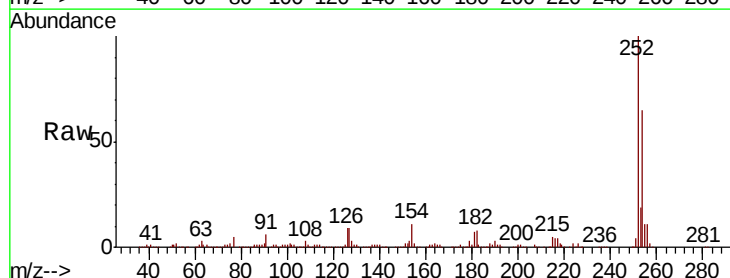
Tgt Ion:252 Resp: 378903

Ion Ratio Lower Upper

252 100

254 64.6 52.2 78.2

126 9.0 8.5 12.7

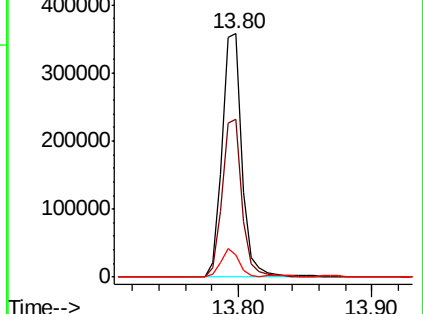
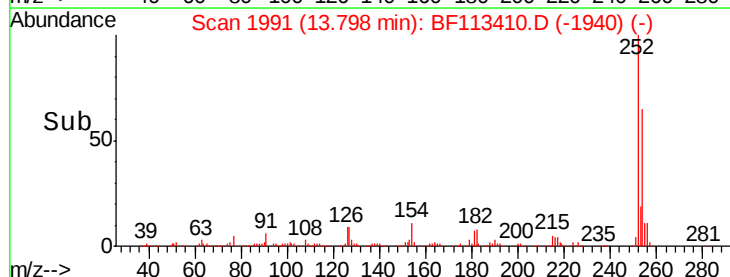


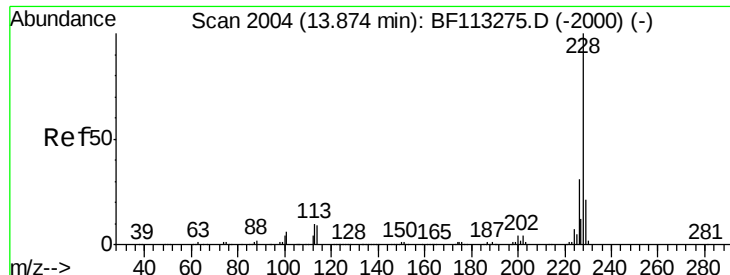
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 41.526 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF113410.D

Acq: 29 Mar 2019 13:31

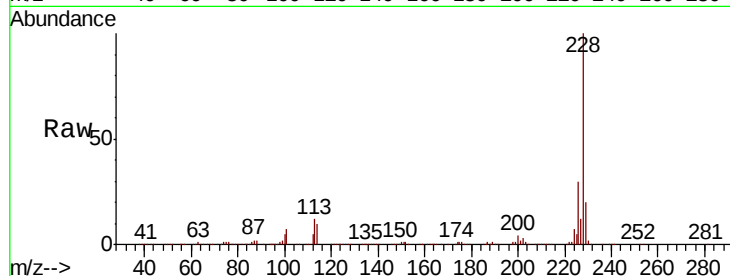
Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

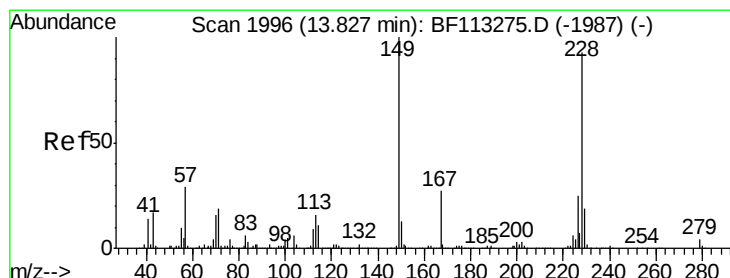
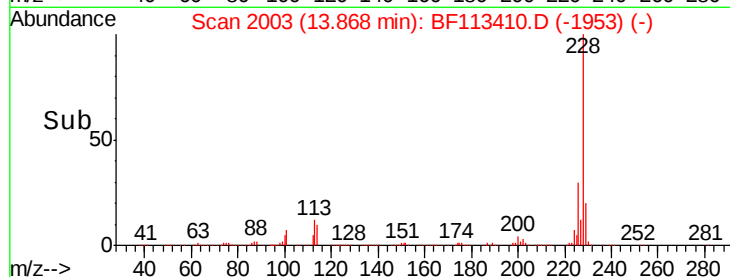
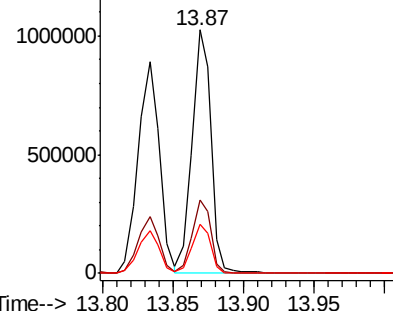
Tgt Ion:	228	Resp:	951996
Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.3	36.5
229	20.3	16.3	24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.764 ng

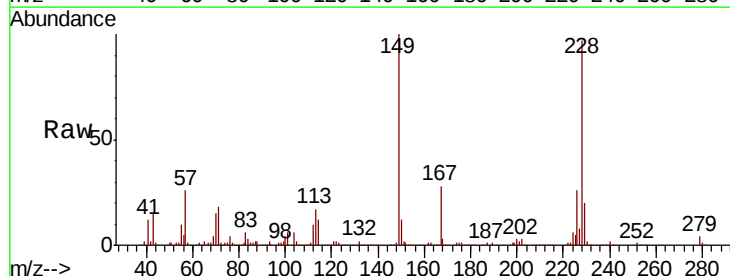
RT: 13.83 min Scan# 1996

Delta R.T. 0.00 min

Lab File: BF113410.D

Acq: 29 Mar 2019 13:31

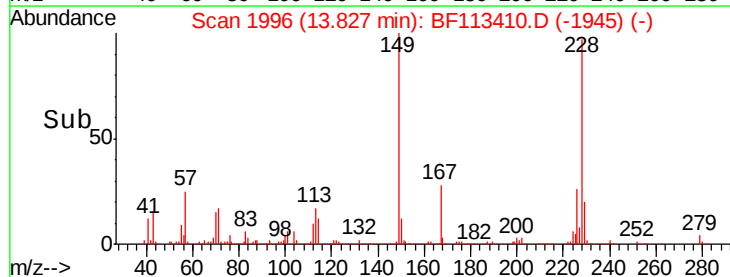
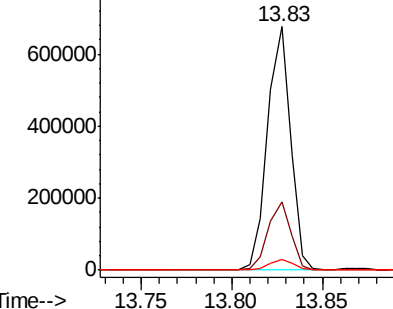
Tgt Ion:	149	Resp:	601762
Ion	Ratio	Lower	Upper
149	100		
167	28.2	21.8	32.8
279	4.3	2.9	4.3

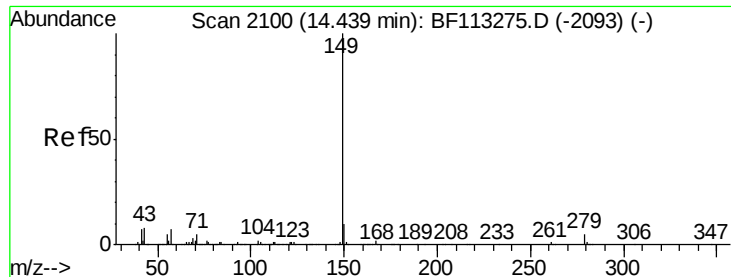


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

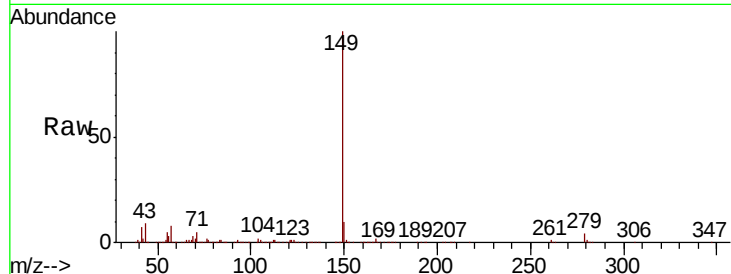




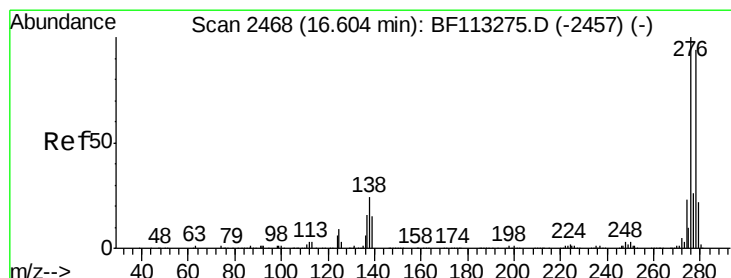
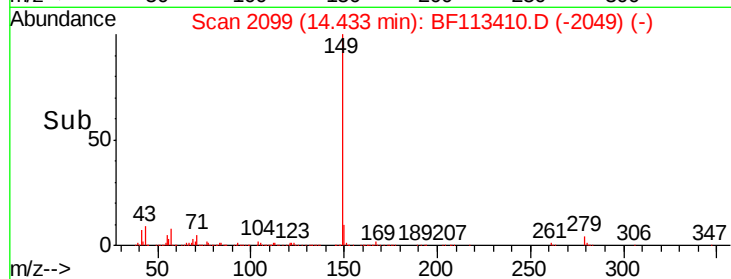
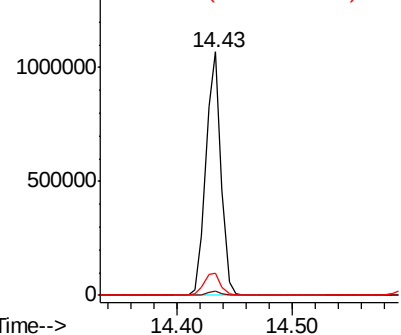
#85
Di-n-octyl phthalate
Concen: 38.366 ng
RT: 14.43 min Scan# 2099
Delta R.T. -0.01 min
Lab File: BF113410.D
Acq: 29 Mar 2019 13:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.6	7.7	11.5

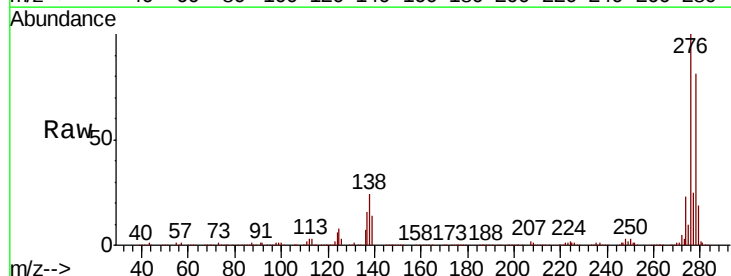


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

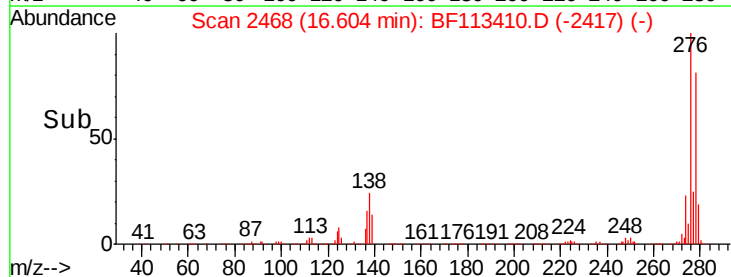
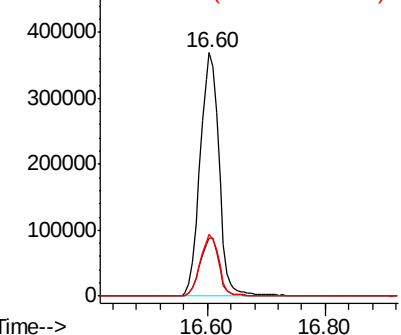


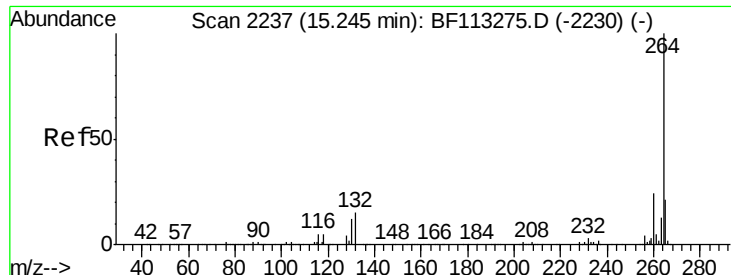
#86
Indeno(1,2,3-cd)pyrene
Concen: 41.905 ng
RT: 16.60 min Scan# 2468
Delta R.T. 0.00 min
Lab File: BF113410.D
Acq: 29 Mar 2019 13:31

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.1	18.1	27.1
277	25.0	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

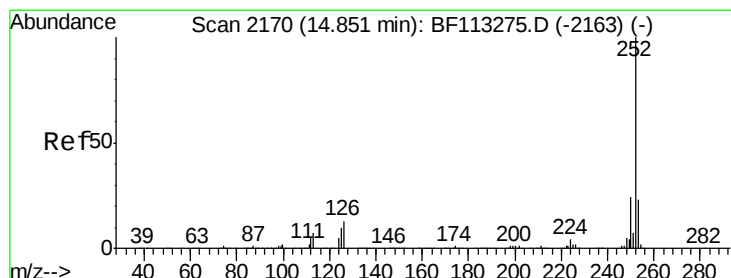
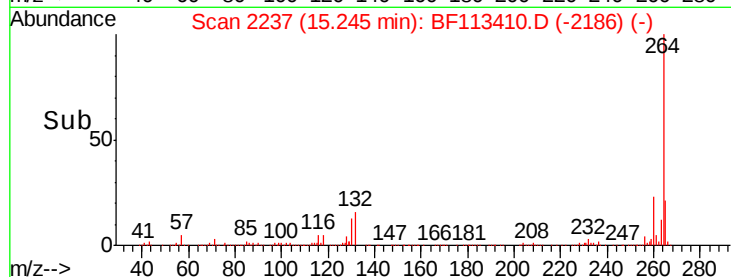
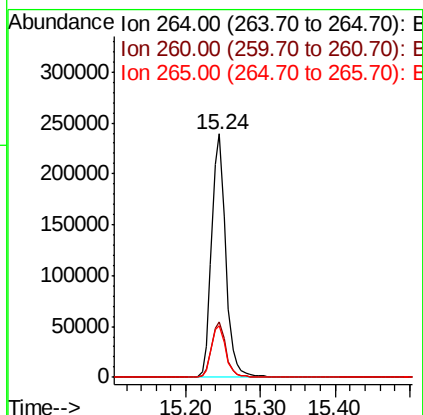
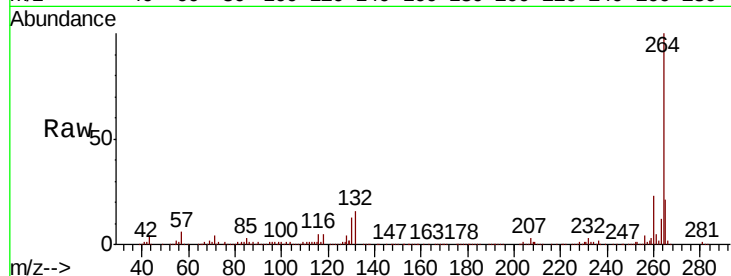




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2237
Delta R.T. 0.00 min
Lab File: BF113410.D
Acq: 29 Mar 2019 13:31

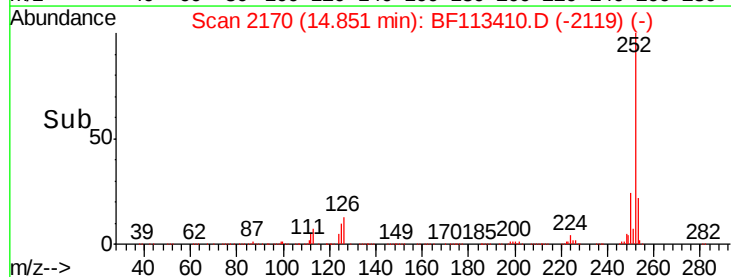
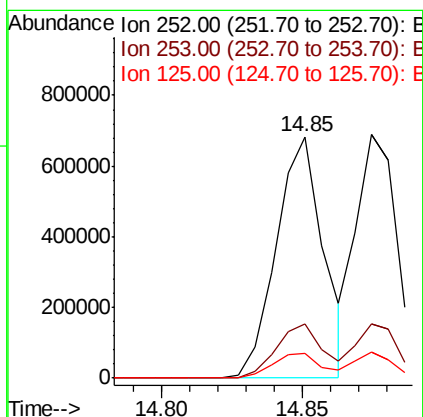
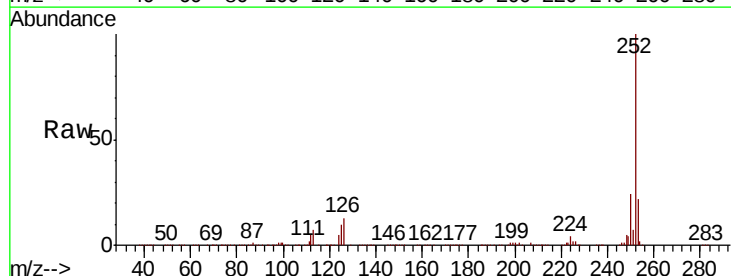
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

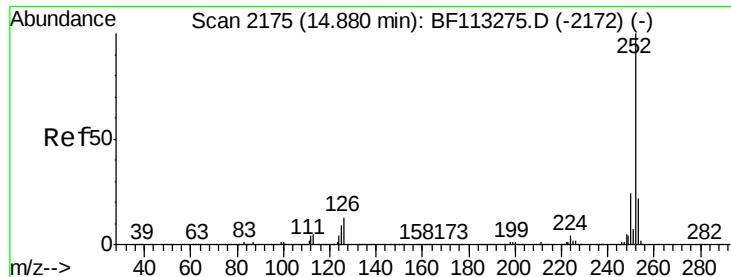
Tgt Ion:264 Resp: 312973
Ion Ratio Lower Upper
264 100
260 22.9 19.1 28.7
265 21.4 17.1 25.7



#88
Benzo(b)fluoranthene
Concen: 40.746 ng
RT: 14.85 min Scan# 2170
Delta R.T. 0.00 min
Lab File: BF113410.D
Acq: 29 Mar 2019 13:31

Tgt Ion:252 Resp: 792168
Ion Ratio Lower Upper
252 100
253 22.4 18.0 27.0
125 10.0 7.6 11.4

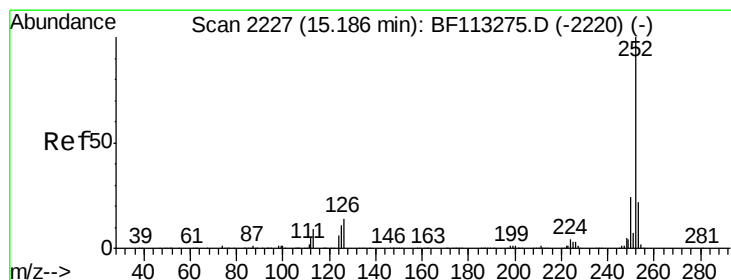
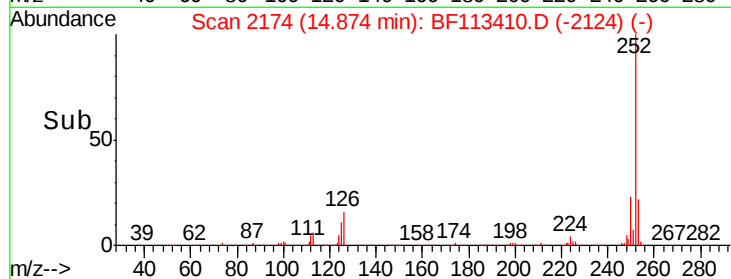
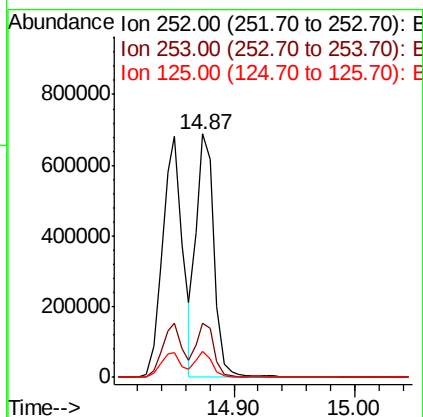
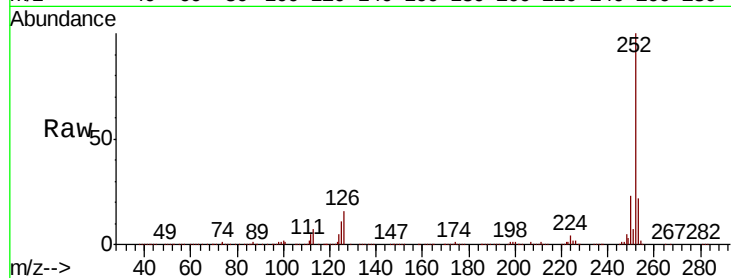




#89
Benzo(k)fluoranthene
Concen: 41.500 ng
RT: 14.87 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BF113410.D
Acq: 29 Mar 2019 13:31

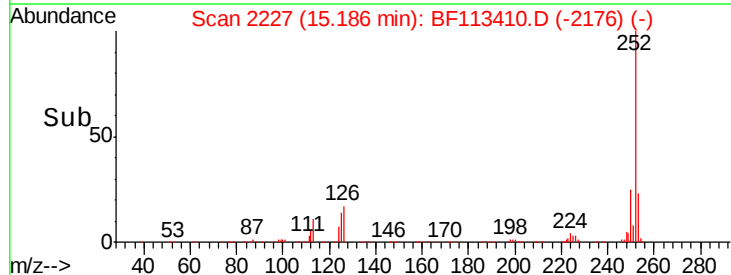
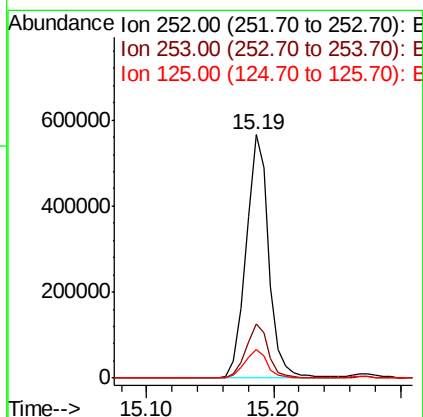
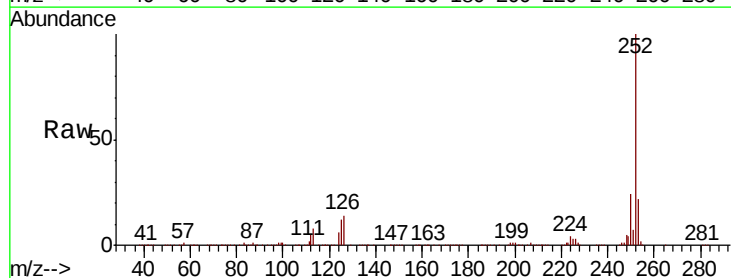
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

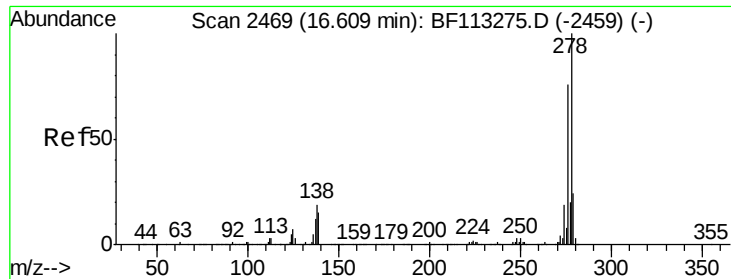
Tgt Ion:252 Resp: 708554
Ion Ratio Lower Upper
252 100
253 22.5 17.7 26.5
125 10.9 7.3 10.9



#90
Benzo(a)pyrene
Concen: 40.647 ng
RT: 15.19 min Scan# 2227
Delta R.T. 0.00 min
Lab File: BF113410.D
Acq: 29 Mar 2019 13:31

Tgt Ion:252 Resp: 700581
Ion Ratio Lower Upper
252 100
253 22.4 17.9 26.9
125 11.5 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 45.634 ng

RT: 16.61 min Scan# 2469

Delta R.T. 0.00 min

Lab File: BF113410.D

Acq: 29 Mar 2019 13:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

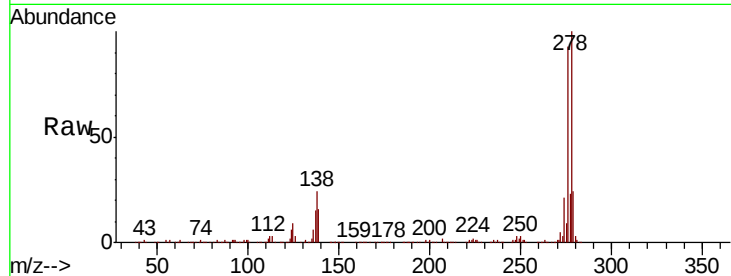
Tgt Ion:278 Resp: 680093

Ion Ratio Lower Upper

278 100

139 16.2 12.0 18.0

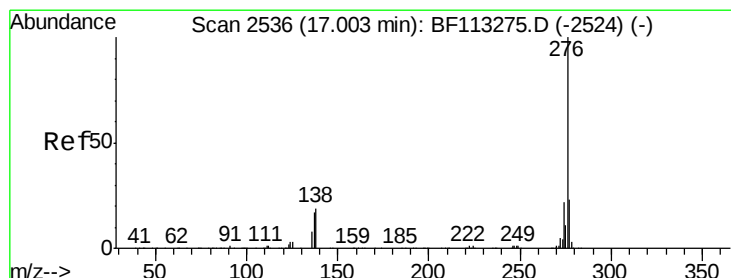
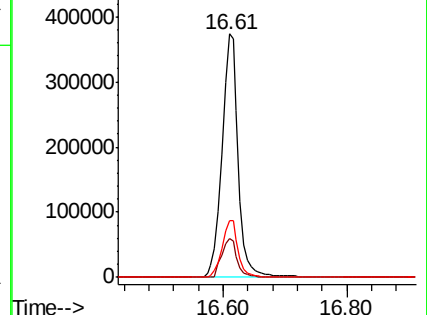
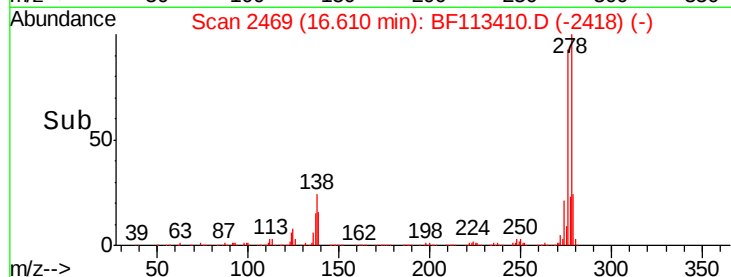
279 23.6 19.0 28.6



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: 46.379 ng

RT: 17.01 min Scan# 2537

Delta R.T. 0.01 min

Lab File: BF113410.D

Acq: 29 Mar 2019 13:31

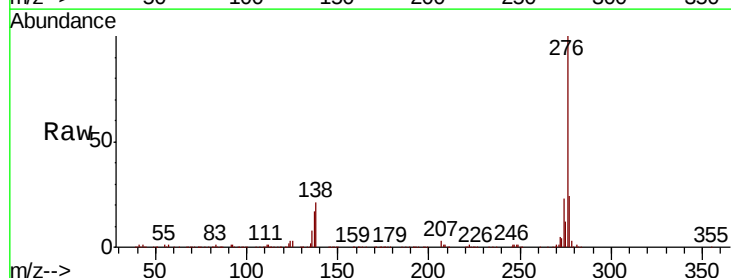
Tgt Ion:276 Resp: 696927

Ion Ratio Lower Upper

276 100

277 23.7 18.8 28.2

138 20.8 15.6 23.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

