

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040219\
 Data File : BF113504.D
 Acq On : 2 Apr 2019 14:30
 Operator : JU/SJ
 Sample : K2040-01MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S4B(2-10)MSD

Quant Time: Apr 03 01:10:26 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	6.69	152	142186	20.00	ng	-0.01
21) Naphthalene-d8	7.97	136	539393	20.00	ng	-0.01
39) Acenaphthene-d10	9.72	164	266731	20.00	ng	-0.02
64) Phenanthrene-d10	11.20	188	544667	20.00	ng	-0.01
76) Chrysene-d12	13.83	240	385815	20.00	ng	-0.01
87) Perylene-d12	15.23	264	348885	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	867528	99.76	ng	0.00
7) Phenol-d6	6.35	99	1136559	103.32	ng	-0.01
23) Nitrobenzene-d5	7.26	82	686159	75.50	ng	-0.01
42) 2,4,6-Tribromophenol	10.52	330	350969	106.52	ng	-0.01
45) 2-Fluorobiphenyl	9.05	172	1289844	73.38	ng	-0.01
79) Terphenyl-d14	12.78	244	1456194	83.19	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.38	88	128260	29.071	ng	97
3) Pyridine	3.09	79	315603	29.017	ng	99
4) n-Nitrosodimethylamine	3.01	42	154532	31.960	ng	91
6) Aniline	6.36	93	207416	15.483	ng	# 47
8) 2-Chlorophenol	6.49	128	337730	33.445	ng	94
9) Benzaldehyde	6.24	77	87334	11.831	ng	98
10) Phenol	6.36	94	439831	35.022	ng	# 73
11) bis(2-Chloroethyl)ether	6.43	93	321895	33.438	ng	98
12) 1,3-Dichlorobenzene	6.63	146	353762	32.500	ng	98
13) 1,4-Dichlorobenzene	6.71	146	364556	34.687	ng	99
14) 1,2-Dichlorobenzene	6.86	146	339709	32.855	ng	98
15) Benzyl Alcohol	6.85	79	268645	37.017	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.97	45	498685	34.483	ng	94
17) 2-Methylphenol	6.96	107	269251	34.023	ng	98
18) Hexachloroethane	7.20	117	129143	34.212	ng	95
19) n-Nitroso-di-n-propylamine	7.11	70	229460	33.207	ng	97
20) 3+4-Methylphenols	7.12	107	353246	37.636	ng	96
22) Acetophenone	7.10	105	460291	37.419	ng	97
24) Nitrobenzene	7.27	77	347912	36.687	ng	95
25) Isophorone	7.52	82	645514	36.653	ng	97
26) 2-Nitrophenol	7.59	139	183185	36.545	ng	98
27) 2,4-Dimethylphenol	7.64	122	293675	40.729	ng	100
28) bis(2-Chloroethoxy)methane	7.73	93	407190	36.715	ng	99
29) 2,4-Dichlorophenol	7.85	162	295299	37.791	ng	99
30) 1,2,4-Trichlorobenzene	7.92	180	308094	36.546	ng	97
31) Naphthalene	8.00	128	972821	36.907	ng	99
32) Benzoic acid	7.73	122	21548	3.713	ng	95
33) 4-Chloroaniline	8.05	127	102209	9.944	ng	96
34) Hexachlorobutadiene	8.12	225	181380	36.199	ng	99
35) Caprolactam	8.41	113	49863	19.883	ng	95
36) 4-Chloro-3-methylphenol	8.55	107	298964	38.040	ng	100
37) 2-Methylnaphthalene	8.69	142	654874	39.817	ng	99
38) 1-Methylnaphthalene	8.79	142	614625	38.852	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	305524	35.684	ng	99

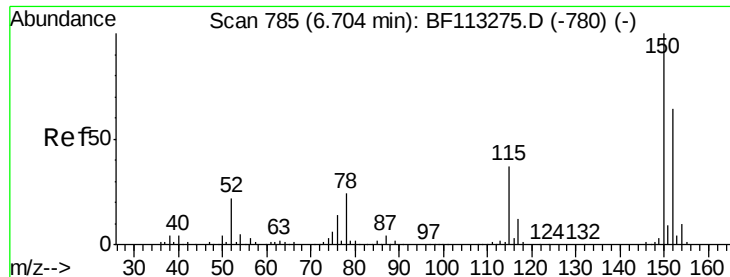
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040219\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.84	237	204523	56.434	ng	99
43) 2,4,6-Trichlorophenol	8.97	196	204361	36.653	ng	98
44) 2,4,5-Trichlorophenol	9.02	196	220903	35.800	ng	99
46) 1,1'-Biphenyl	9.15	154	812837	36.487	ng	98
47) 2-Chloronaphthalene	9.17	162	616768	35.958	ng	97
48) 2-Nitroaniline	9.27	65	194332	36.103	ng	95
49) Acenaphthylene	9.59	152	1000668	36.081	ng	99
50) Dimethylphthalate	9.45	163	808173	40.885	ng	99
51) 2,6-Dinitrotoluene	9.52	165	164104	36.800	ng	90
52) Acenaphthene	9.76	154	574787	36.802	ng	99
53) 3-Nitroaniline	9.68	138	100233	19.931	ng	98
54) 2,4-Dinitrophenol	9.80	184	77461	34.925	ng	94
55) Dibenzofuran	9.93	168	859324	36.599	ng	99
56) 4-Nitrophenol	9.86	139	214987	59.964	ng	98
57) 2,4-Dinitrotoluene	9.92	165	205772	36.285	ng	95
58) Fluorene	10.27	166	681007	37.336	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.06	232	191059	36.616	ng	97
60) Diethylphthalate	10.15	149	719343	37.096	ng	100
61) 4-Chlorophenyl-phenylether	10.26	204	339363	38.174	ng	92
62) 4-Nitroaniline	10.29	138	180661	34.892	ng	98
63) Azobenzene	10.42	77	674178	36.934	ng	98
65) 4,6-Dinitro-2-methylphenol	10.33	198	80828	27.127	ng	93
66) n-Nitrosodiphenylamine	10.38	169	620991	37.156	ng	98
67) 4-Bromophenyl-phenylether	10.75	248	218360	36.783	ng	99
68) Hexachlorobenzene	10.82	284	254551	36.941	ng	95
69) Atrazine	10.91	200	200244	37.959	ng	96
70) Pentachlorophenol	11.02	266	188144	52.407	ng	97
71) Phenanthrene	11.23	178	1015232	37.534	ng	99
72) Anthracene	11.28	178	1045303	38.047	ng	100
73) Carbazole	11.43	167	963289	36.744	ng	99
74) Di-n-butylphthalate	11.76	149	1171710	38.542	ng	100
75) Fluoranthene	12.41	202	1114164	36.437	ng	99
77) Benzidine	12.53	184	188795	12.778	ng	98
78) Pyrene	12.64	202	1103948	41.291	ng	100
80) Butylbenzylphthalate	13.26	149	478837	40.639	ng	94
81) Benzo(a)anthracene	13.82	228	792776	35.897	ng	100
82) 3,3'-Dichlorobenzidine	13.78	252	150796	17.020	ng	99
83) Chrysene	13.86	228	818995	36.510	ng	99
84) Bis(2-ethylhexyl)phthalate	13.82	149	610191	42.244	ng	99
85) Di-n-octyl phthalate	14.42	149	951055	38.790	ng	100
86) Indeno(1,2,3-cd)pyrene	16.60	276	894910	46.485	ng	99
88) Benzo(b)fluoranthene	14.84	252	822939	37.971	ng	99
89) Benzo(k)fluoranthene	14.87	252	640361	33.646	ng	99
90) Benzo(a)pyrene	15.18	252	707149	36.805	ng	100
91) Dibenzo(a,h)anthracene	16.60	278	748162	45.034	ng	100
92) Benzo(g,h,i)perylene	17.00	276	790134	47.170	ng	99

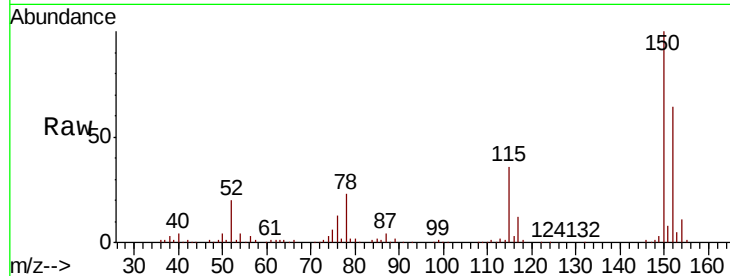
(#) = qualifier out of range (m) = manual integration (+) = signals summed



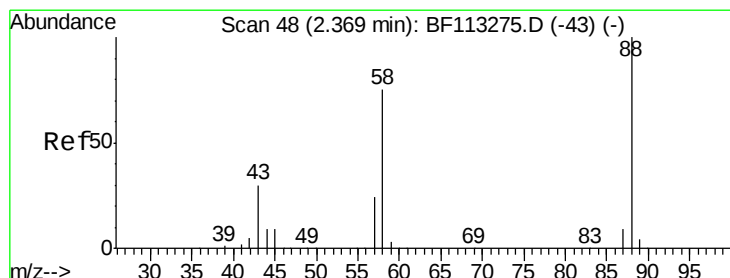
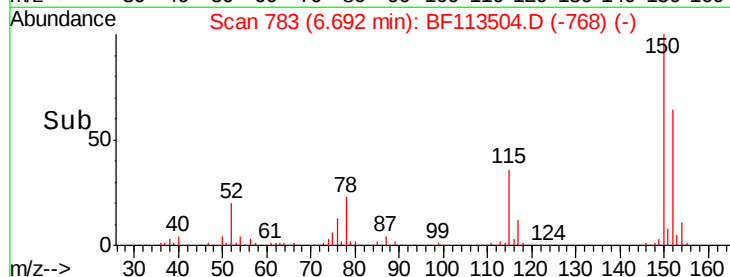
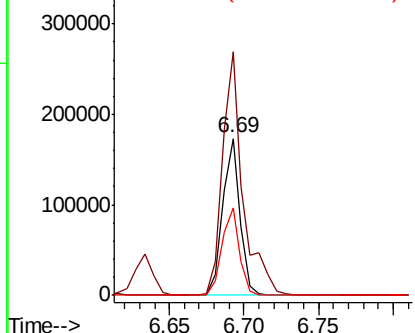
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.69 min Scan# 783
 Delta R.T. -0.01 min
 Lab File: BF113504.D
 Acq: 2 Apr 2019 14:30

Instrument :
 BNA_F
 ClientSampleId :
 S4B(2-10)MSD

Tgt Ion:152 Resp: 142186
 Ion Ratio Lower Upper
 152 100
 150 155.2 124.7 187.1
 115 56.1 46.0 69.0

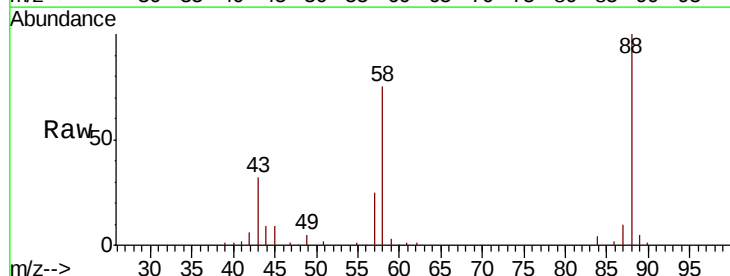


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

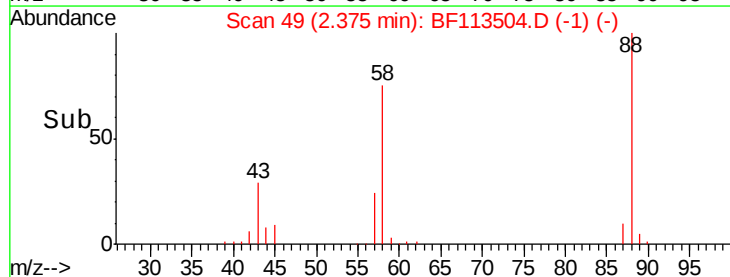
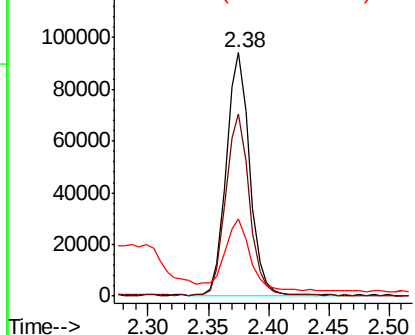


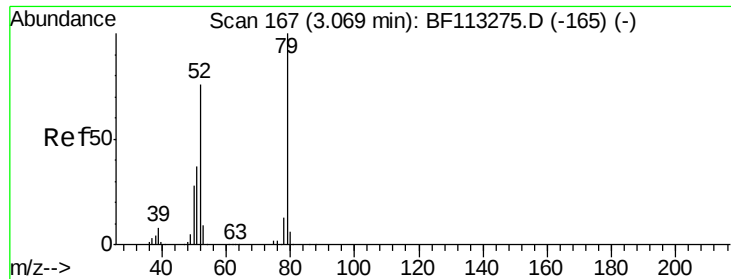
#2
 1,4-Dioxane
 Concen: 29.071 ng
 RT: 2.38 min Scan# 49
 Delta R.T. 0.01 min
 Lab File: BF113504.D
 Acq: 2 Apr 2019 14:30

Tgt Ion: 88 Resp: 128260
 Ion Ratio Lower Upper
 88 100
 58 73.9 61.9 92.9
 43 31.0 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

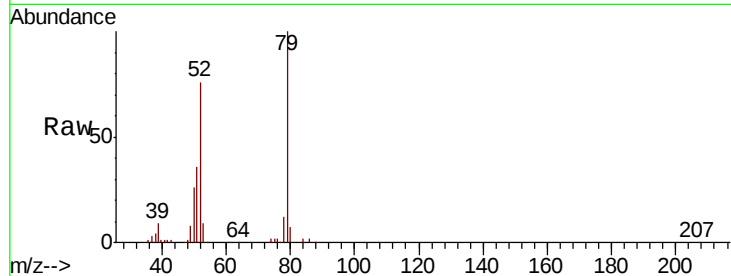




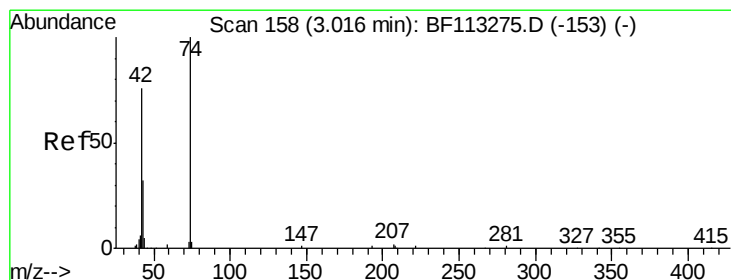
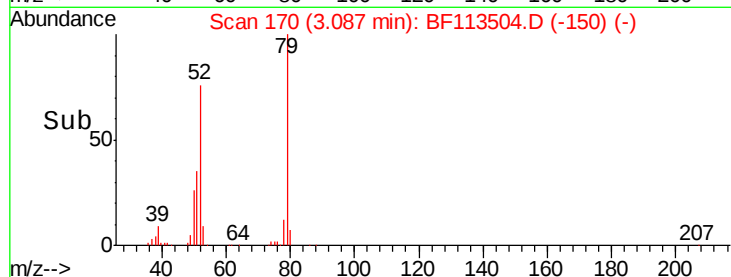
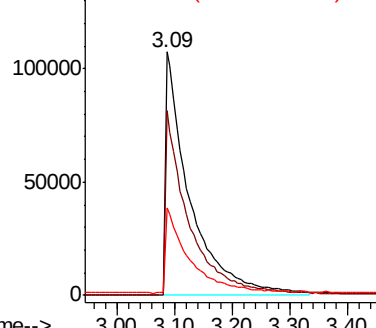
#3
 Pyridine
 Concen: 29.017 ng
 RT: 3.09 min Scan# 170
 Delta R.T. 0.02 min
 Lab File: BF113504.D
 Acq: 2 Apr 2019 14:30

Instrument :
 BNA_F
 ClientSampleId :
 S4B(2-10)MSD

Tgt Ion: 79 Resp: 315603
 Ion Ratio Lower Upper
 79 100
 52 76.1 61.0 91.4
 51 36.1 30.6 45.8

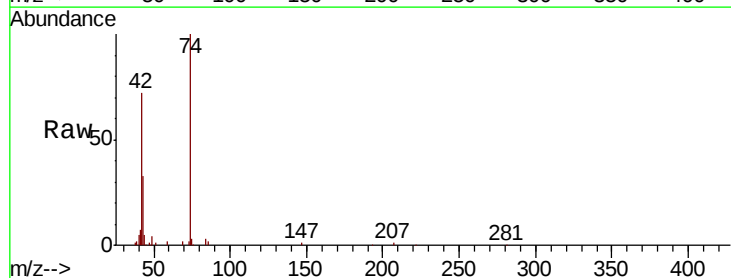


Abundance Ion 79.00 (78.70 to 79.70): BF1
 Ion 52.00 (51.70 to 52.70): BF1
 Ion 51.00 (50.70 to 51.70): BF1

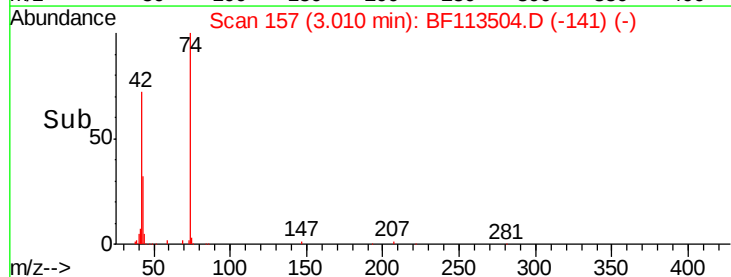
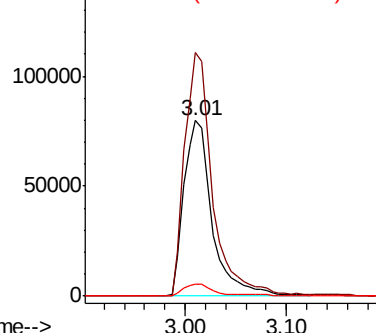


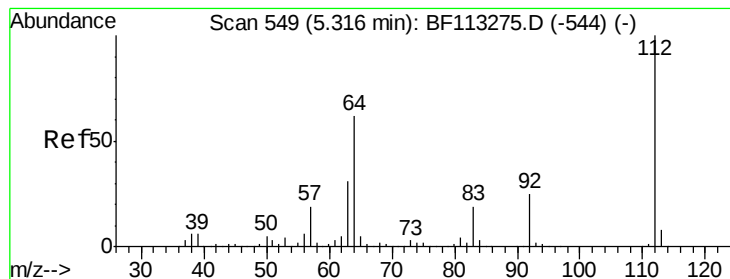
#4
 n-Nitrosodimethylamine
 Concen: 31.960 ng
 RT: 3.01 min Scan# 157
 Delta R.T. -0.01 min
 Lab File: BF113504.D
 Acq: 2 Apr 2019 14:30

Tgt Ion: 42 Resp: 154532
 Ion Ratio Lower Upper
 42 100
 74 138.7 102.4 153.6
 44 7.0 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: 99.765 ng

RT: 5.32 min Scan# 549

Delta R.T. 0.00 min

Lab File: BF113504.D

Acq: 2 Apr 2019 14:30

Instrument :

BNA_F

ClientSampleId :

S4B(2-10)MSD

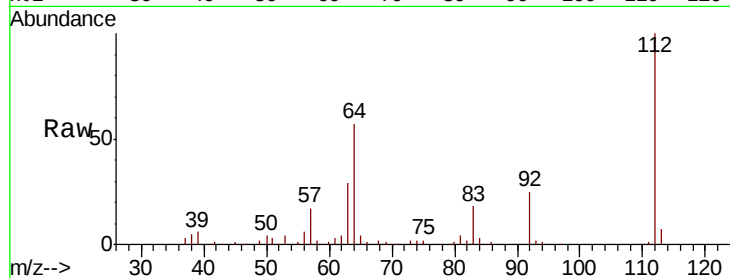
Tgt Ion: 112 Resp: 867528

Ion Ratio Lower Upper

112 100

64 57.1 49.2 73.8

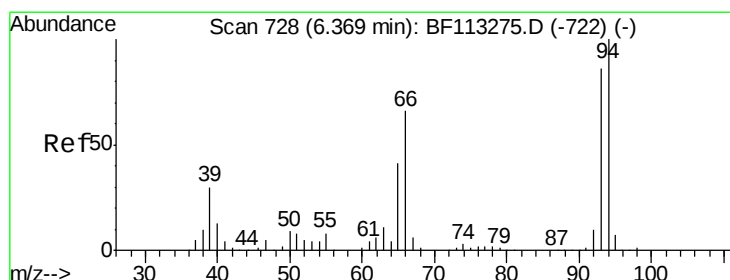
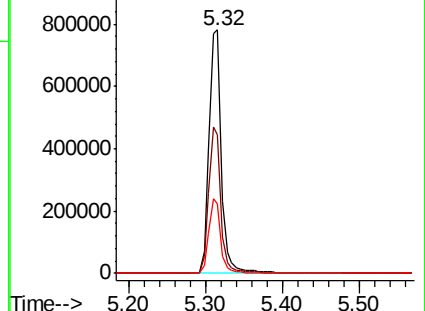
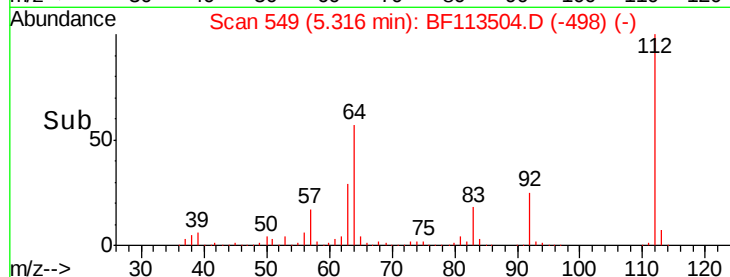
63 28.5 24.9 37.3



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: 15.483 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF113504.D

Acq: 2 Apr 2019 14:30

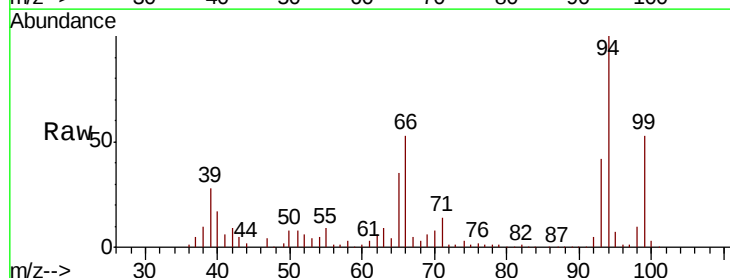
Tgt Ion: 93 Resp: 207416

Ion Ratio Lower Upper

93 100

66 125.2 62.1 93.1#

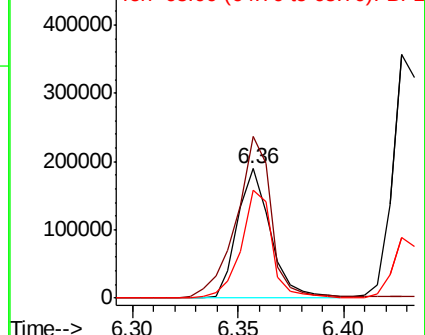
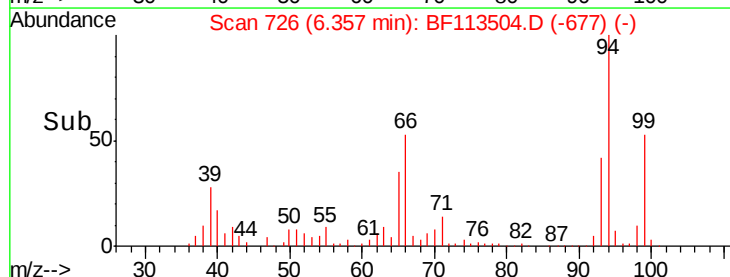
65 83.0 38.7 58.1#



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: 103.318 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF113504.D

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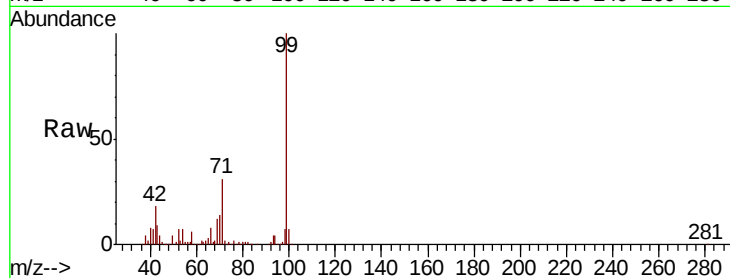
Tgt Ion: 99 Resp: 1136559

Ion Ratio Lower Upper

99 100

42 18.3 14.8 22.2

71 30.8 24.9 37.3

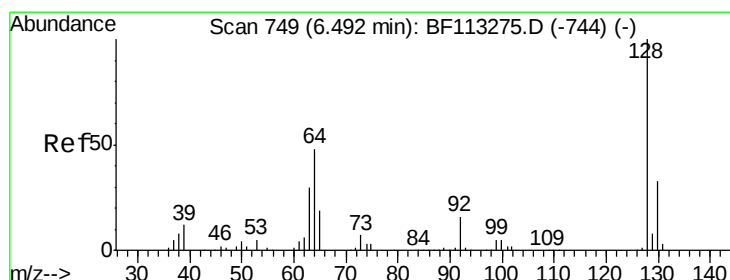
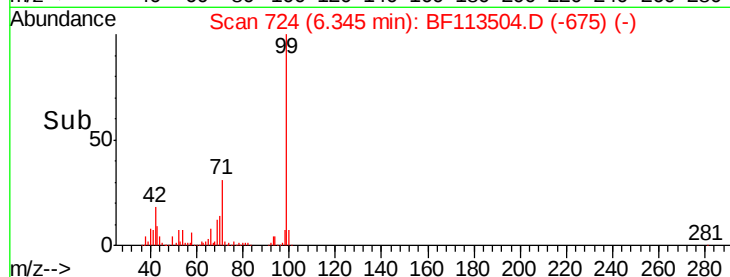
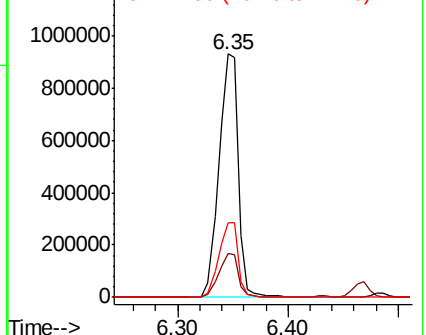


Abundance

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: 33.445 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF113504.D

Acq: 2 Apr 2019 14:30

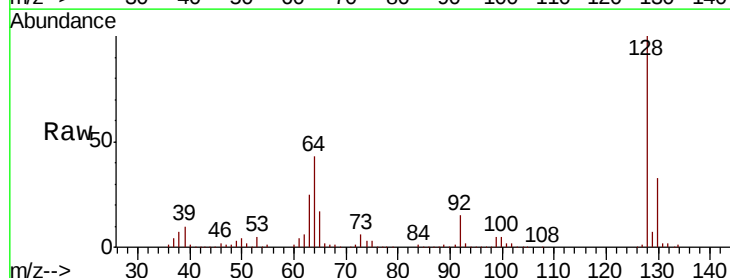
Tgt Ion: 128 Resp: 337730

Ion Ratio Lower Upper

128 100

130 33.0 12.6 52.6

64 42.7 29.4 69.4

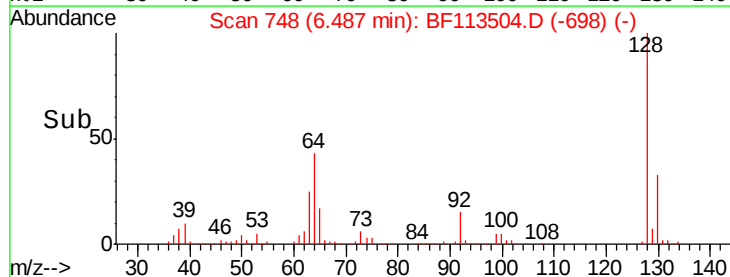
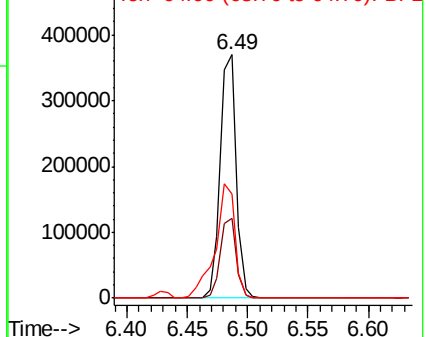


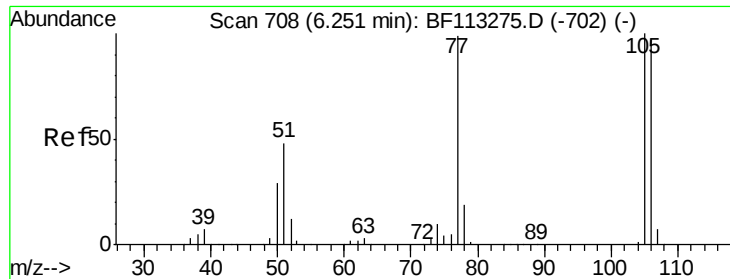
Abundance

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: 11.831 ng

RT: 6.24 min Scan# 706

Delta R.T. -0.01 min

Lab File: BF113504.D

Acq: 2 Apr 2019 14:30

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S4B(2-10)MSD

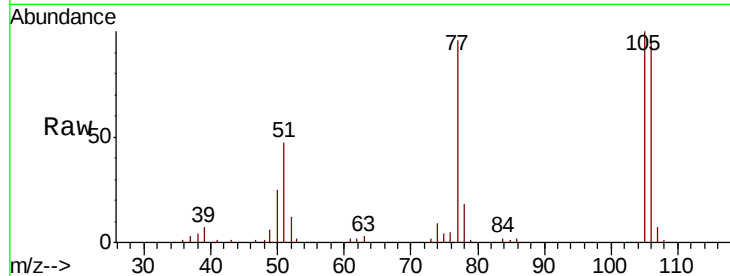
Tgt Ion: 77 Resp: 87334

Ion Ratio Lower Upper

77 100

105 103.8 80.9 120.9

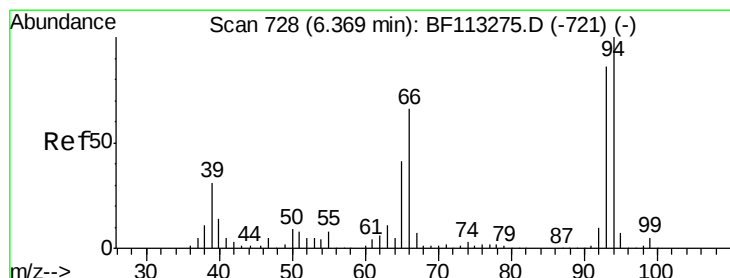
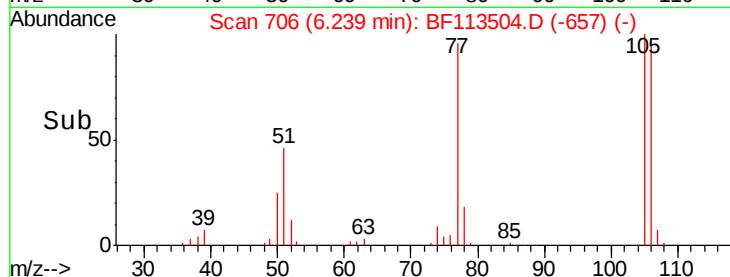
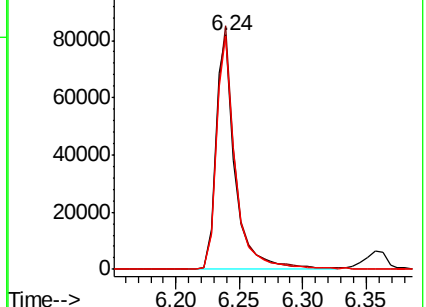
106 99.3 77.8 117.8



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: 35.022 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF113504.D

Acq: 2 Apr 2019 14:30

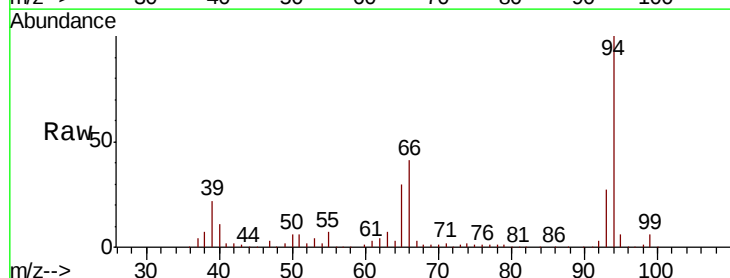
Tgt Ion: 94 Resp: 439831

Ion Ratio Lower Upper

94 100

65 29.5 21.4 61.4

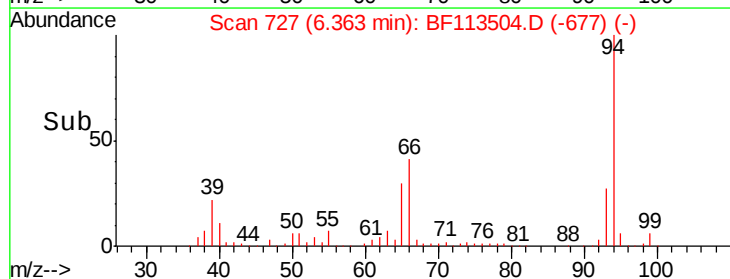
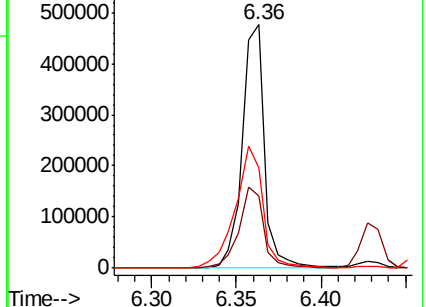
66 41.3 46.4 86.4#



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

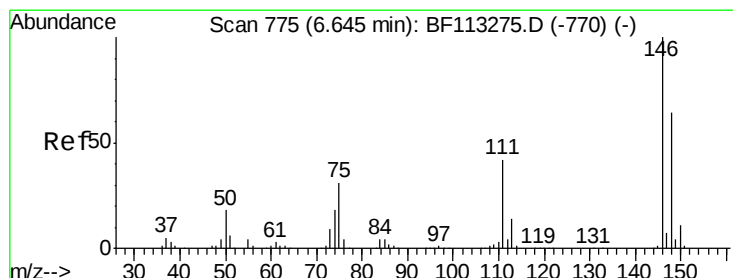
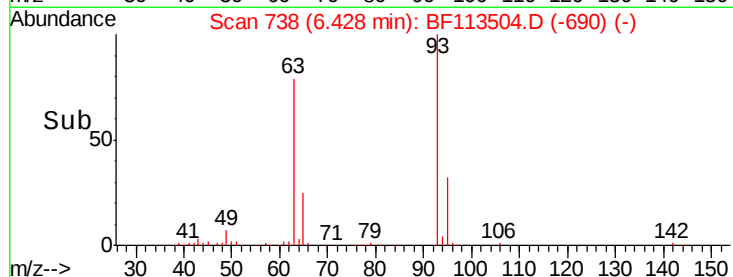
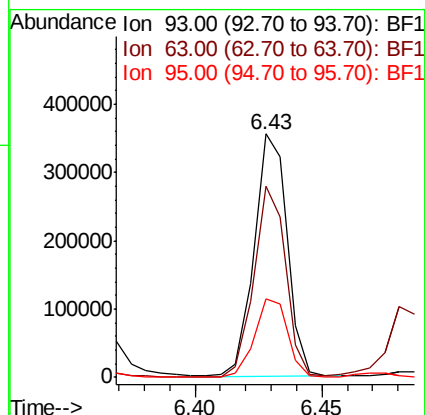
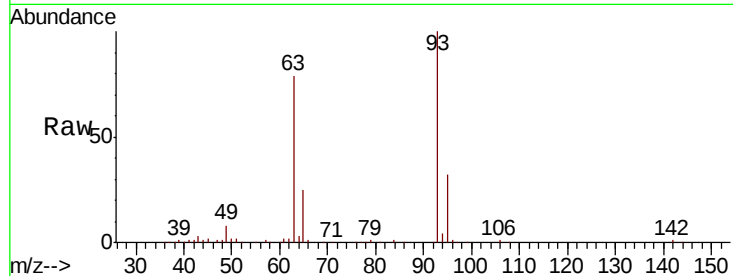




#11
bis(2-Chloroethyl)ether
Concen: 33.438 ng
RT: 6.43 min Scan# 738
Delta R.T. -0.02 min
Lab File: BF113504.D
Acq: 2 Apr 2019 14:30

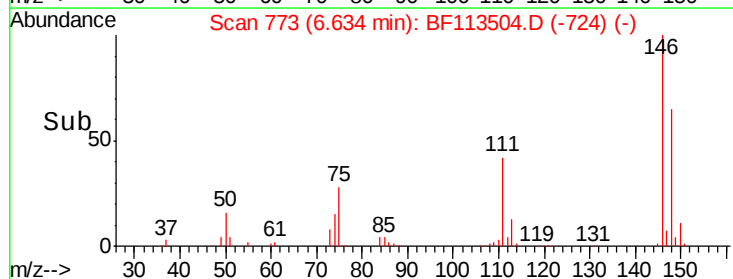
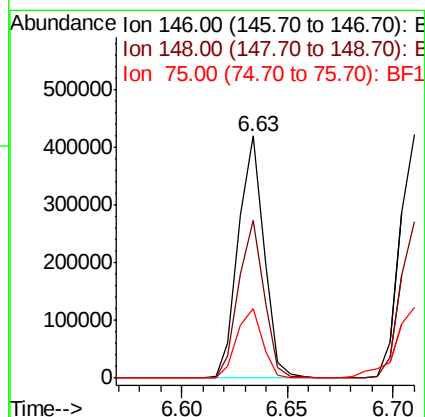
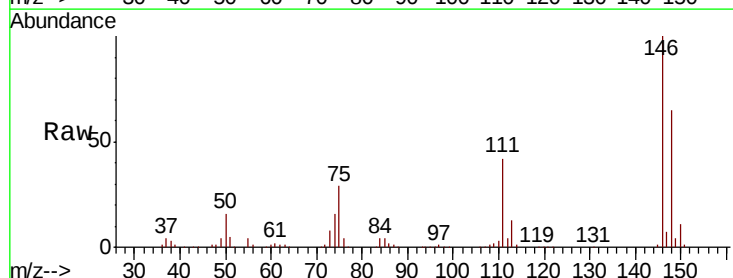
Instrument :
BNA_F
ClientSampleId :
S4B(2-10)MSD

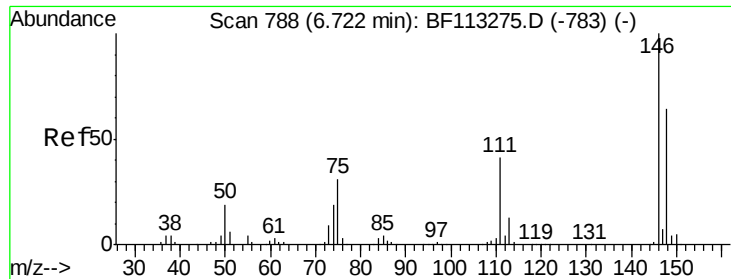
Tgt Ion: 93 Resp: 321895
Ion Ratio Lower Upper
93 100
63 78.5 56.1 96.1
95 32.4 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 32.500 ng
RT: 6.63 min Scan# 773
Delta R.T. -0.01 min
Lab File: BF113504.D
Acq: 2 Apr 2019 14:30

Tgt Ion: 146 Resp: 353762
Ion Ratio Lower Upper
146 100
148 65.2 51.4 77.0
75 28.5 24.8 37.2

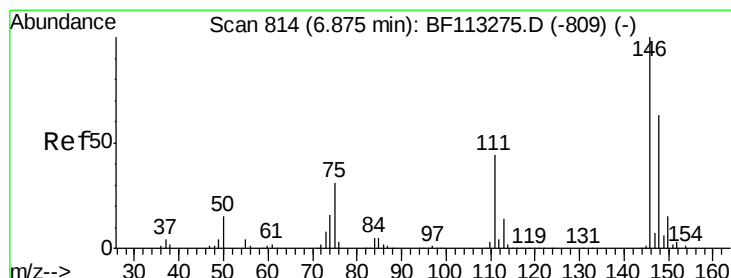
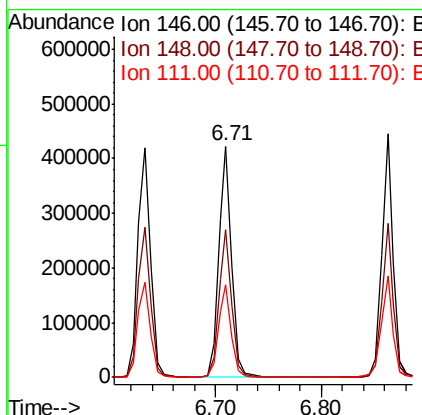
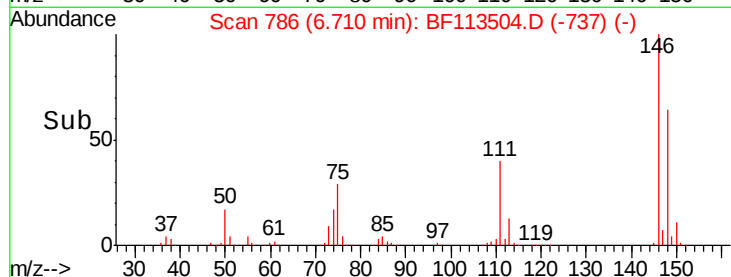
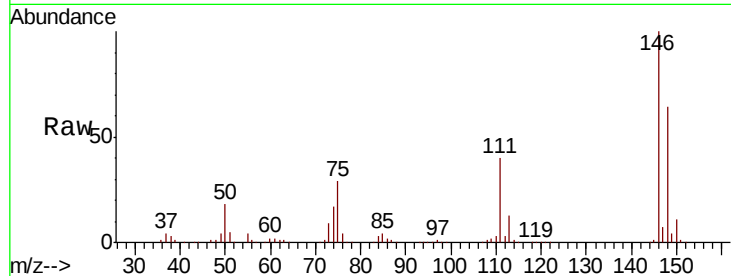




#13
 1,4-Dichlorobenzene
 Concen: 34.687 ng
 RT: 6.71 min Scan# 786
 Delta R.T. -0.01 min
 Lab File: BF113504.D
 Acq: 2 Apr 2019 14:30

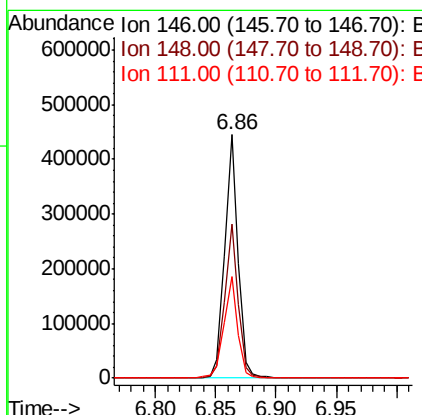
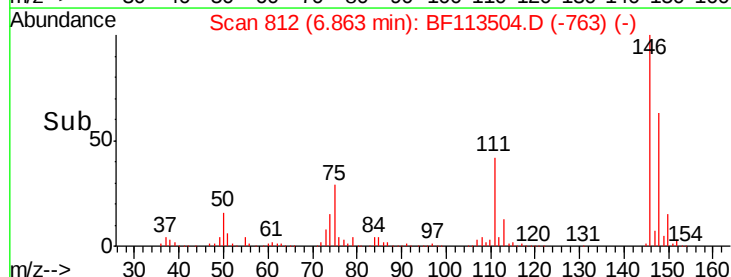
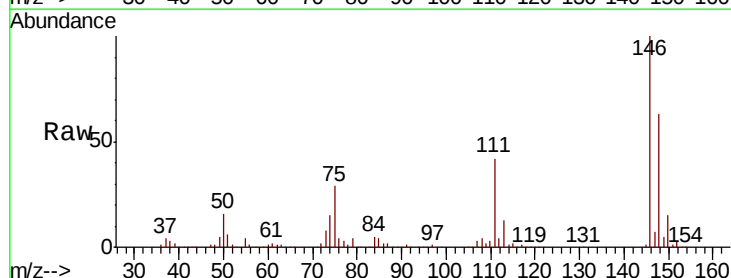
Instrument :
 BNA_F
 ClientSampleId :
 S4B(2-10)MSD

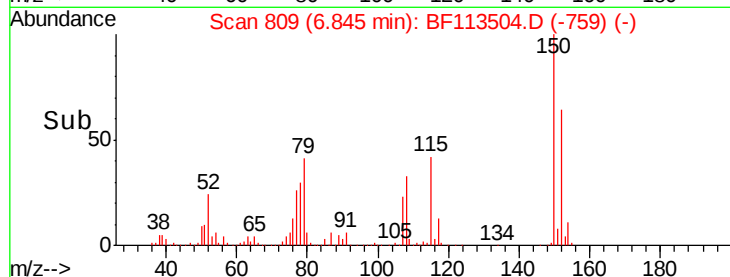
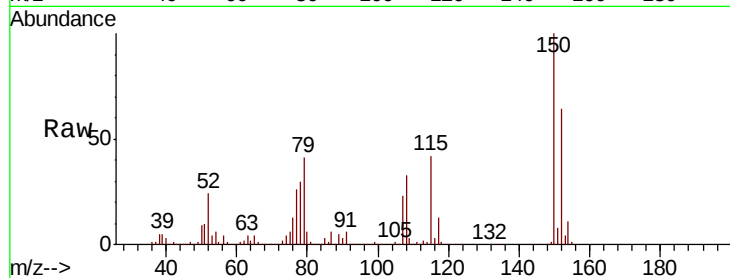
Tgt Ion:146 Resp: 364556
 Ion Ratio Lower Upper
 146 100
 148 64.1 51.1 76.7
 111 40.1 32.8 49.2



#14
 1,2-Dichlorobenzene
 Concen: 32.855 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF113504.D
 Acq: 2 Apr 2019 14:30

Tgt Ion:146 Resp: 339709
 Ion Ratio Lower Upper
 146 100
 148 63.4 50.2 75.4
 111 41.8 35.4 53.2





#15

Benzyl Alcohol

Concen: 37.017 ng

RT: 6.85 min Scan# 809

Delta R.T. -0.01 min

Lab File: BF113504.D

Acq: 2 Apr 2019 14:30

Instrument :

BNA_F

ClientSampleId :

S4B(2-10)MSD

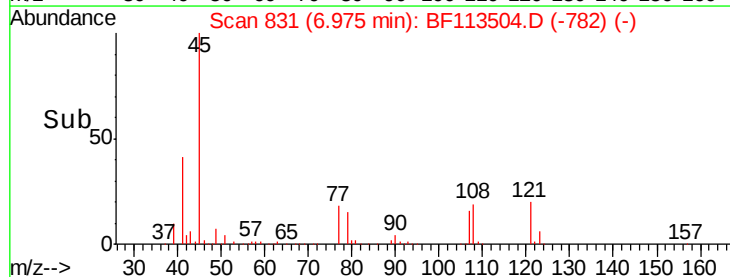
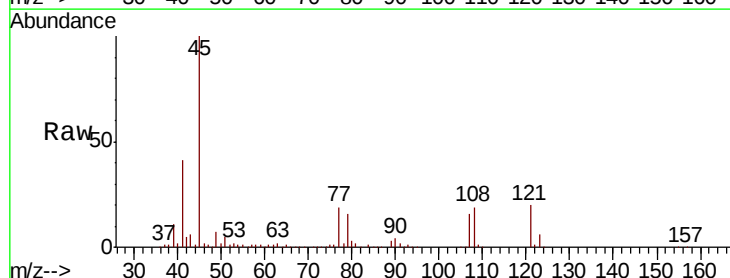
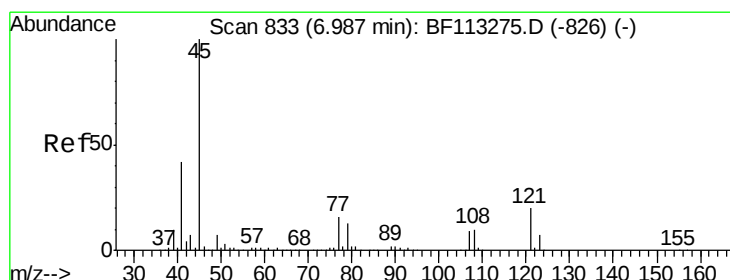
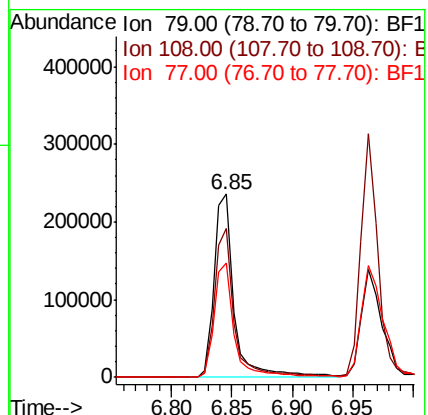
Tgt Ion: 79 Resp: 268645

Ion Ratio Lower Upper

79 100

108 81.2 62.0 93.0

77 62.8 49.9 74.9



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.483 ng

RT: 6.97 min Scan# 831

Delta R.T. -0.01 min

Lab File: BF113504.D

Acq: 2 Apr 2019 14:30

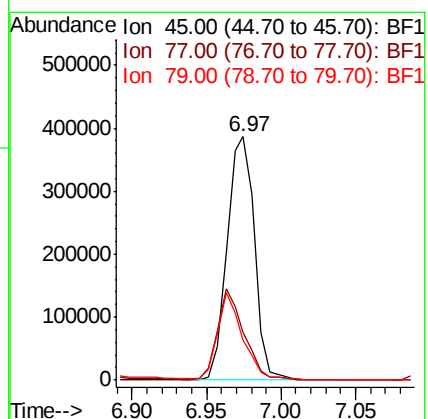
Tgt Ion: 45 Resp: 498685

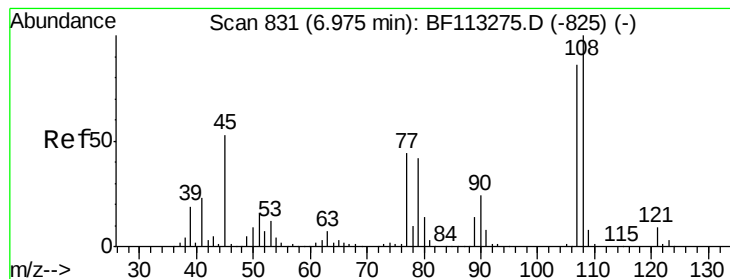
Ion Ratio Lower Upper

45 100

77 19.4 0.0 36.6

79 16.4 0.0 34.0





#17

2-Methylphenol

Concen: 34.023 ng

RT: 6.96 min Scan# 829

Delta R.T. -0.01 min

Lab File: BF113504.D

Acq: 2 Apr 2019 14:30

Instrument :

BNA_F

ClientSampleId :

S4B(2-10)MSD

Tgt Ion:107 Resp: 269251

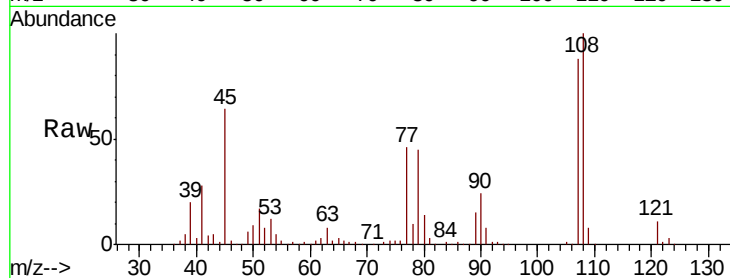
Ion Ratio Lower Upper

107 100

108 114.1 93.4 140.0

77 52.5 41.2 61.8

79 50.8 40.1 60.1

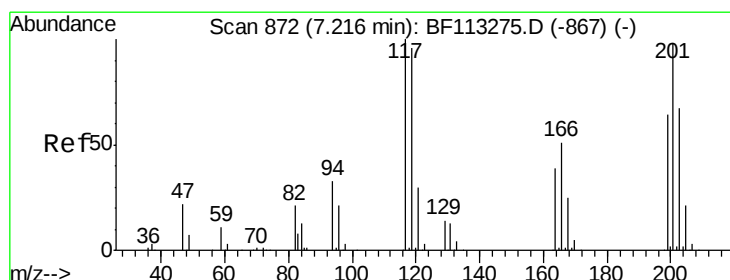
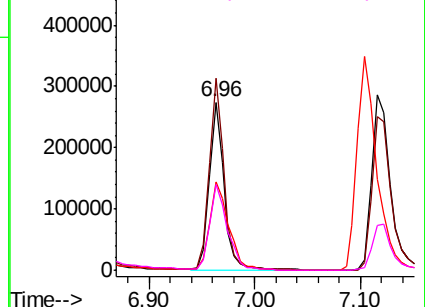
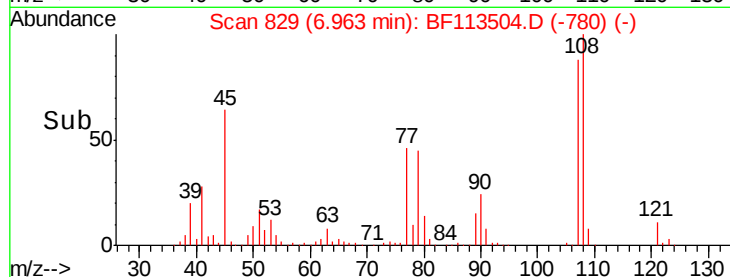


Abundance Ion 107.00 (106.70 to 107.70): E

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: 34.212 ng

RT: 7.20 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF113504.D

Acq: 2 Apr 2019 14:30

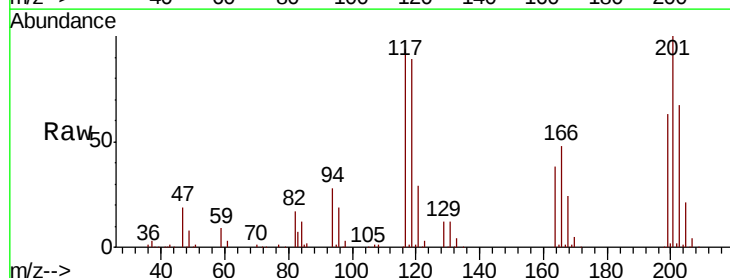
Tgt Ion:117 Resp: 129143

Ion Ratio Lower Upper

117 100

119 94.2 76.9 115.3

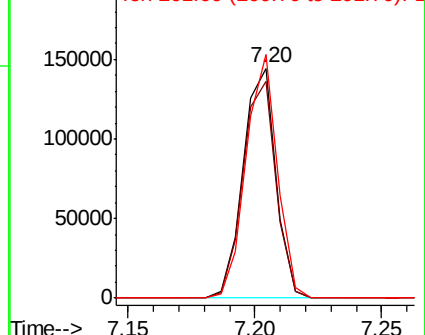
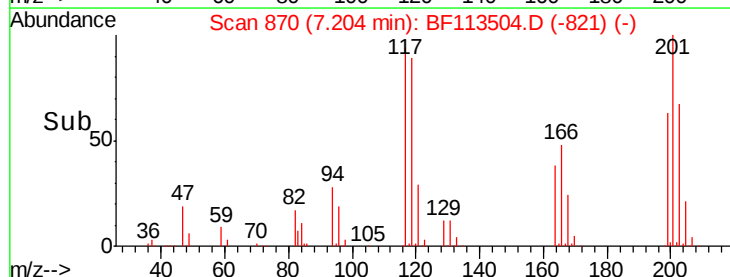
201 106.1 78.7 118.1

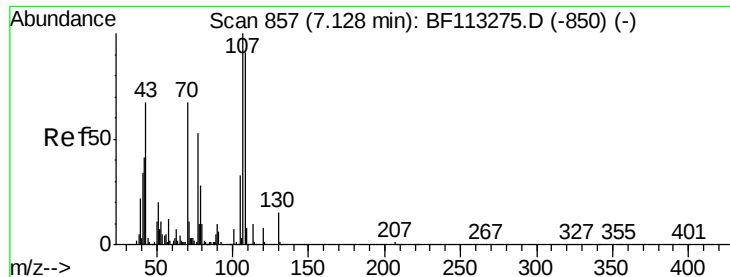


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

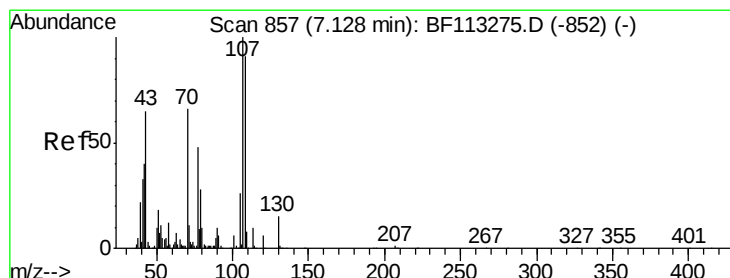
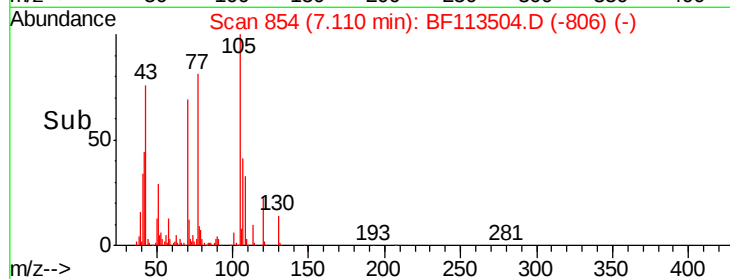
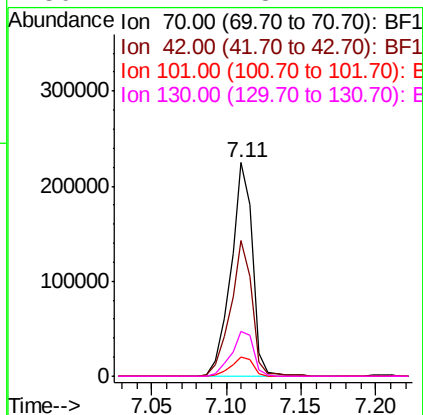
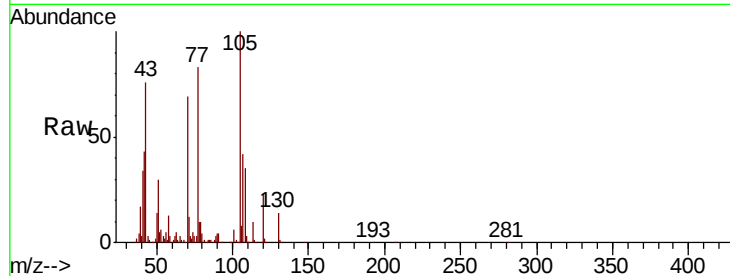




#19
n-Nitroso-di-n-propylamine
Concen: 33.207 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.02 min
Lab File: BF113504.D
Acq: 2 Apr 2019 14:30

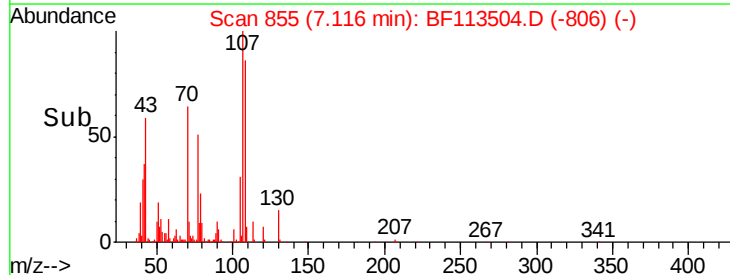
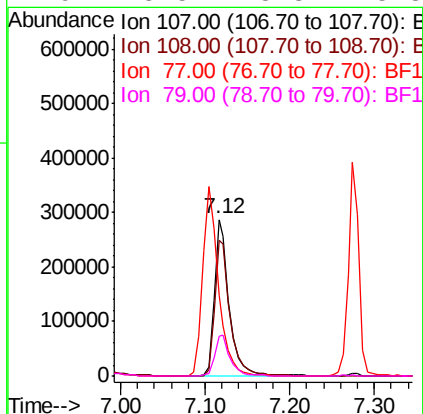
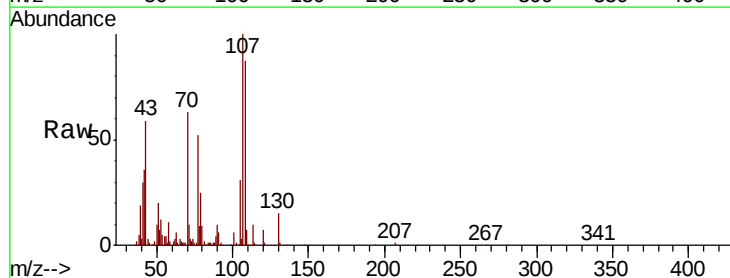
Instrument :
BNA_F
ClientSampleId :
S4B(2-10)MSD

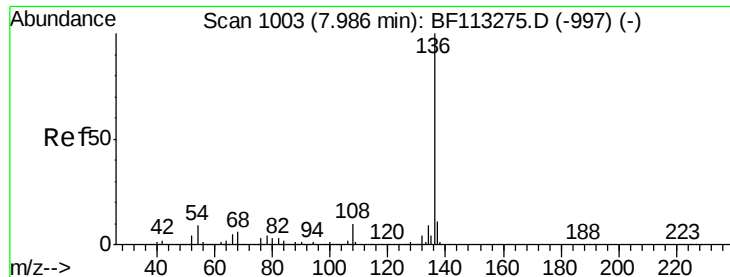
Tgt Ion: 70 Resp: 229460
Ion Ratio Lower Upper
70 100
42 63.3 48.4 72.6
101 9.2 7.8 11.8
130 21.1 18.2 27.4



#20
3+4-Methylphenols
Concen: 37.636 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF113504.D
Acq: 2 Apr 2019 14:30

Tgt Ion: 107 Resp: 353246
Ion Ratio Lower Upper
107 100
108 87.1 71.4 111.4
77 51.8 33.5 73.5
79 25.5 8.3 48.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BF113504.D

Acq: 2 Apr 2019 14:30

Instrument :

BNA_F

ClientSampleId :

S4B(2-10)MSD

Tgt Ion:136 Resp: 539393

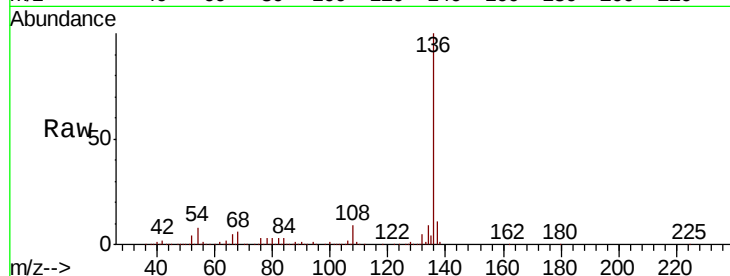
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 7.8 7.0 10.6

68 5.8 4.8 7.2

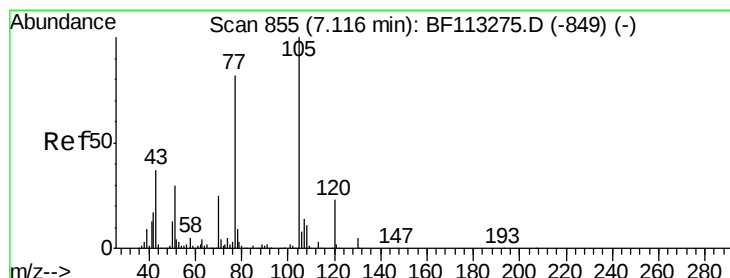
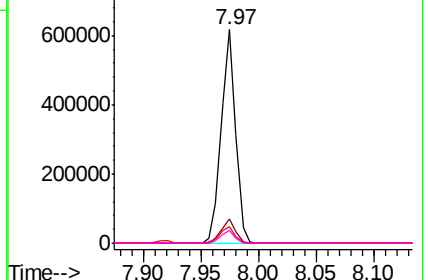
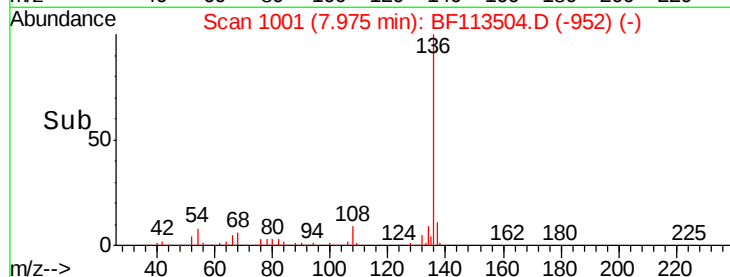


Abundance Ion 136.00 (135.70 to 136.70): E

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: 37.419 ng

RT: 7.10 min Scan# 853

Delta R.T. -0.01 min

Lab File: BF113504.D

Acq: 2 Apr 2019 14:30

Tgt Ion:105 Resp: 460291

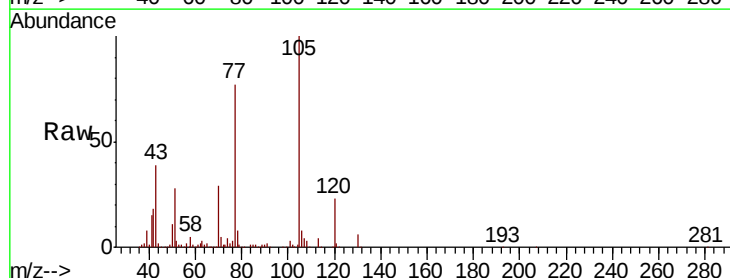
Ion Ratio Lower Upper

105 100

71 4.7 3.3 4.9

51 27.6 24.2 36.2

120 22.9 18.1 27.1

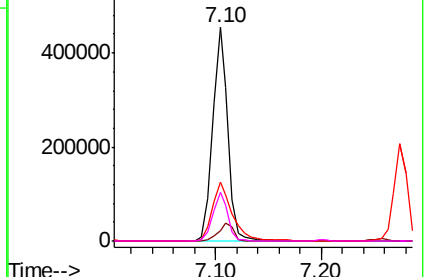
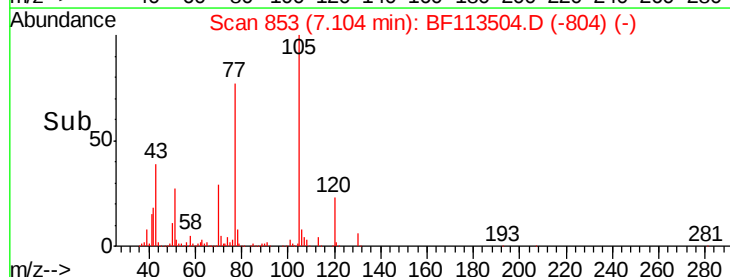


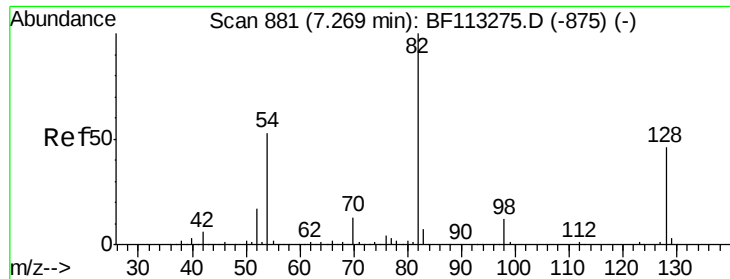
Abundance Ion 105.00 (104.70 to 105.70): E

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

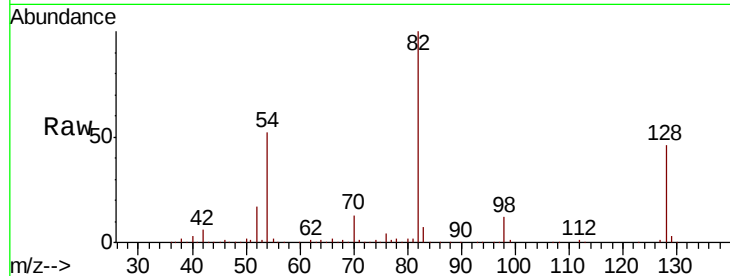




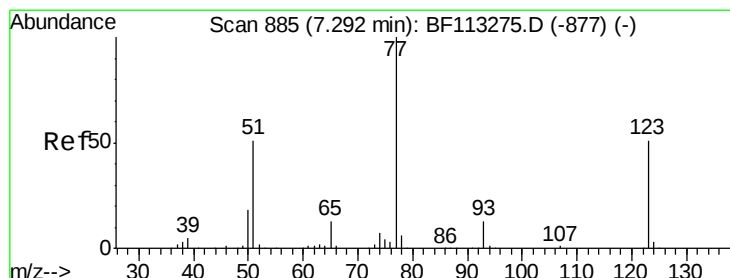
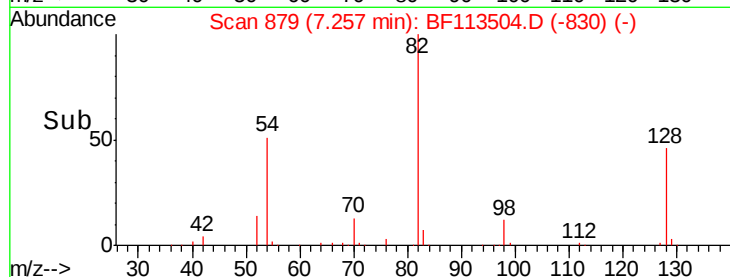
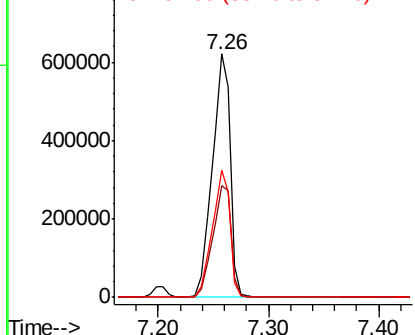
#23
 Nitrobenzene-d5
 Concen: 75.504 ng
 RT: 7.26 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BF113504.D
 Acq: 2 Apr 2019 14:30

Instrument :
 BNA_F
 ClientSampleId :
 S4B(2-10)MSD

Tgt Ion: 82 Resp: 686159
 Ion Ratio Lower Upper
 82 100
 128 46.0 36.5 54.7
 54 52.1 42.2 63.2

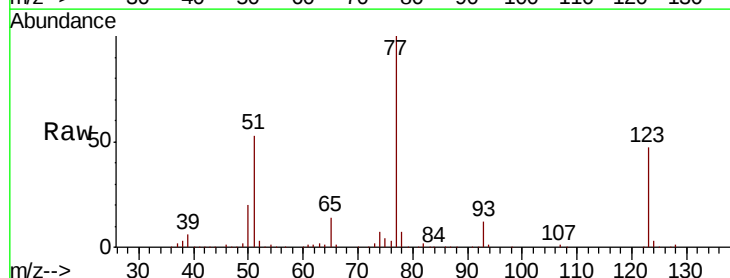


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

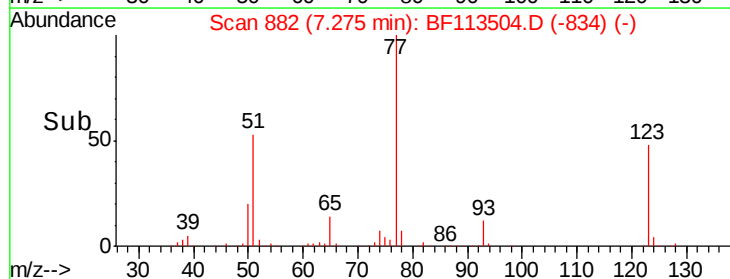
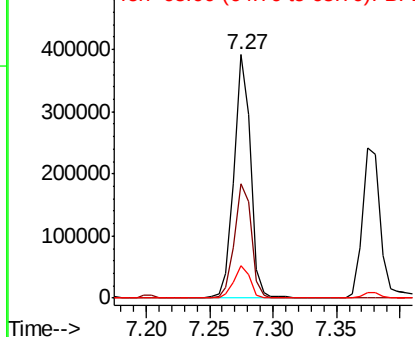


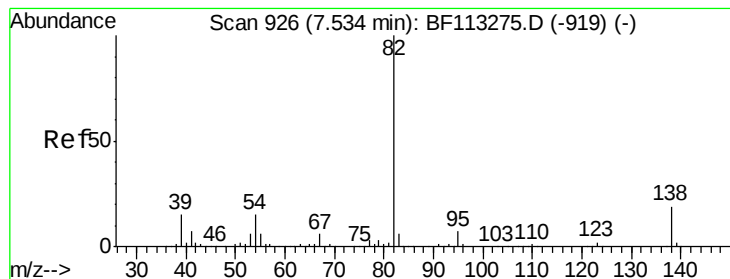
#24
 Nitrobenzene
 Concen: 36.687 ng
 RT: 7.27 min Scan# 882
 Delta R.T. -0.02 min
 Lab File: BF113504.D
 Acq: 2 Apr 2019 14:30

Tgt Ion: 77 Resp: 347912
 Ion Ratio Lower Upper
 77 100
 123 47.2 40.8 61.2
 65 13.5 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: 36.653 ng

RT: 7.52 min Scan# 923

Delta R.T. -0.02 min

Lab File: BF113504.D

Acq: 2 Apr 2019 14:30

Instrument :

BNA_F

ClientSampleId :

S4B(2-10)MSD

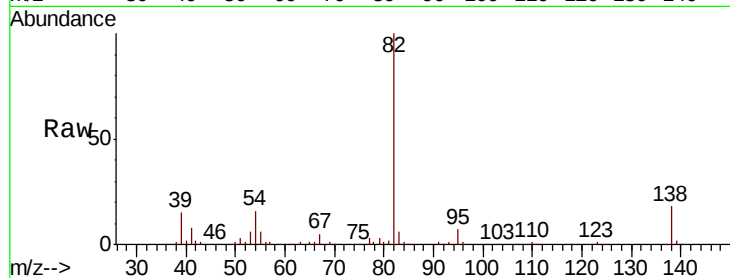
Tgt Ion: 82 Resp: 645514

Ion Ratio Lower Upper

82 100

95 6.7 5.5 8.3

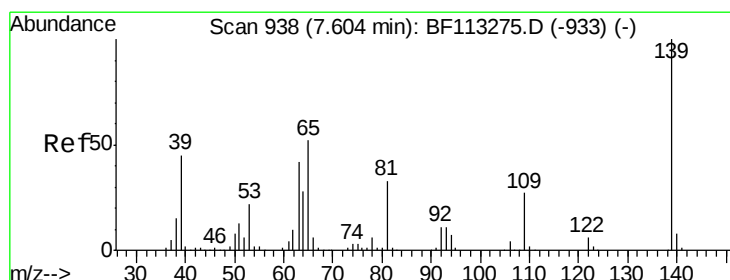
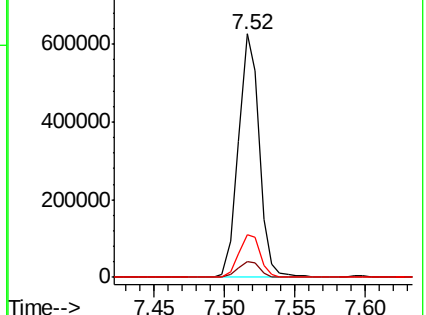
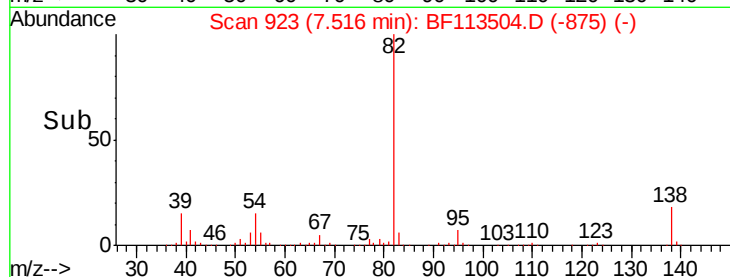
138 17.5 15.2 22.8



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 36.545 ng

RT: 7.59 min Scan# 936

Delta R.T. -0.01 min

Lab File: BF113504.D

Acq: 2 Apr 2019 14:30

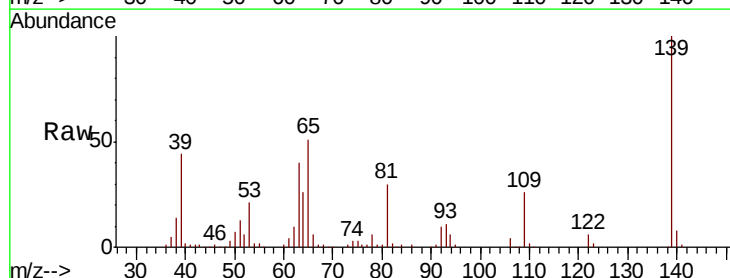
Tgt Ion: 139 Resp: 183185

Ion Ratio Lower Upper

139 100

109 25.7 21.7 32.5

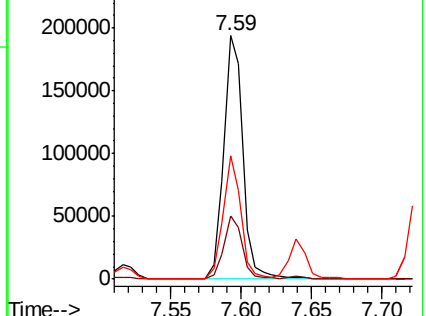
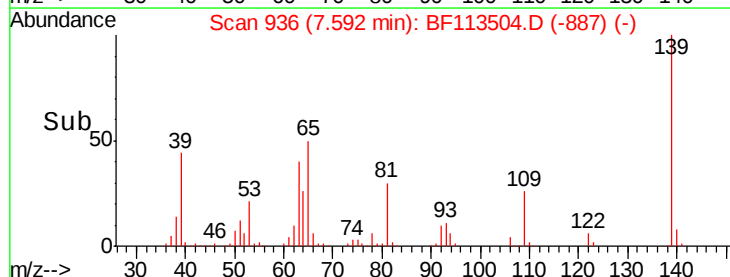
65 50.5 41.6 62.4

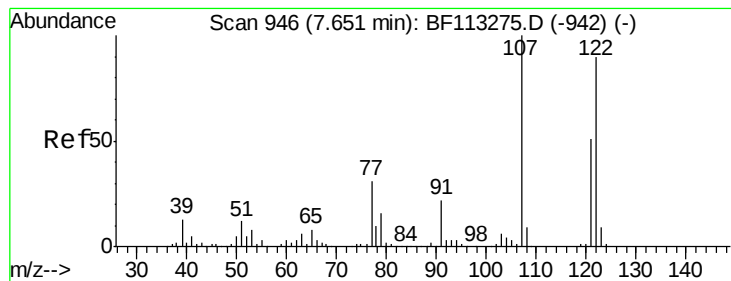


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 40.729 ng

RT: 7.64 min Scan# 944

Delta R.T. -0.01 min

Lab File: BF113504.D

Acq: 2 Apr 2019 14:30

Instrument :

BNA_F

ClientSampleId :

S4B(2-10)MSD

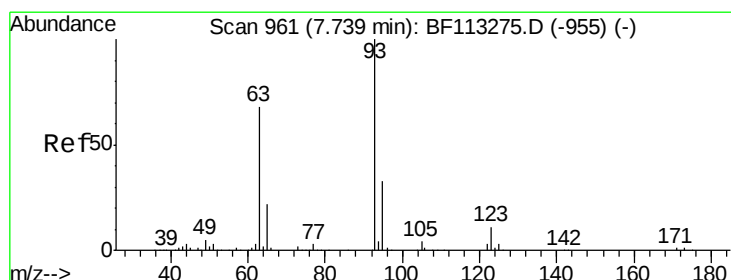
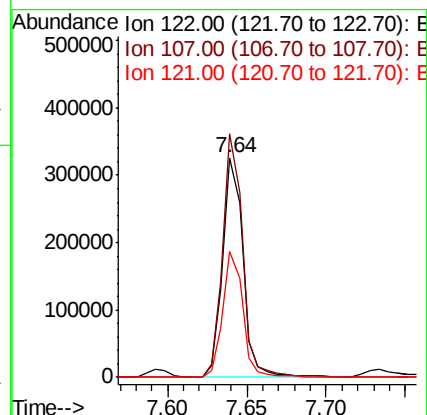
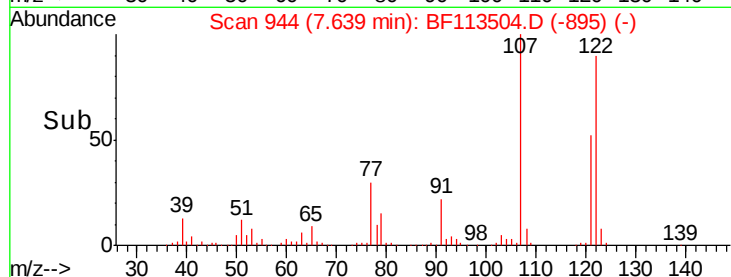
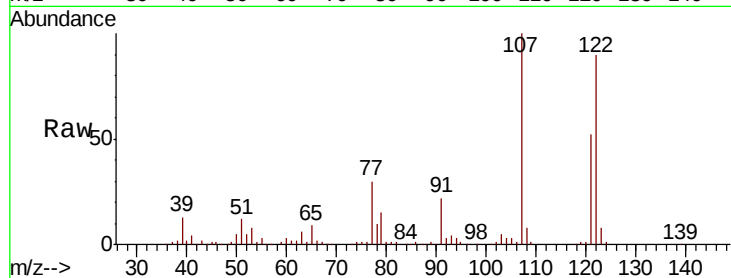
Tgt Ion:122 Resp: 293675

Ion Ratio Lower Upper

122 100

107 110.7 88.8 133.2

121 57.4 45.5 68.3



#28

bis(2-Chloroethoxy)methane

Concen: 36.715 ng

RT: 7.73 min Scan# 959

Delta R.T. -0.01 min

Lab File: BF113504.D

Acq: 2 Apr 2019 14:30

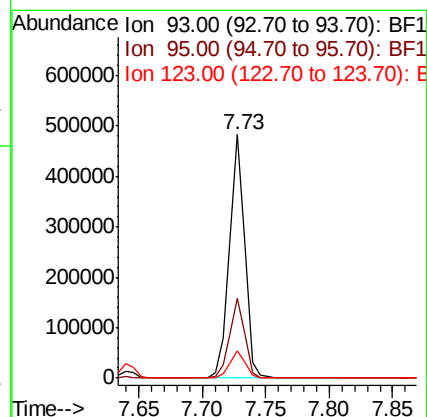
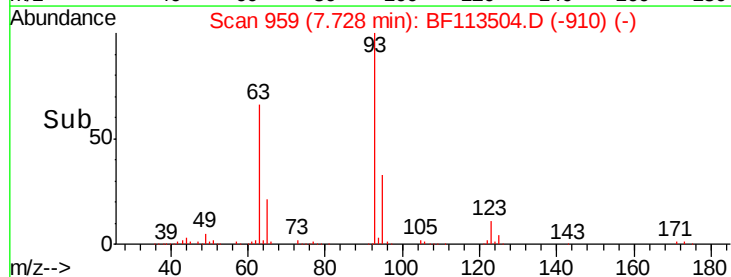
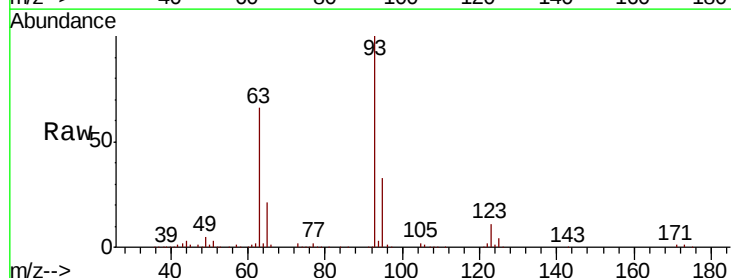
Tgt Ion: 93 Resp: 407190

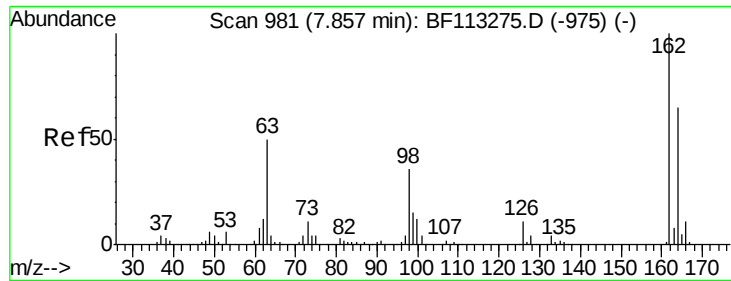
Ion Ratio Lower Upper

93 100

95 32.9 26.0 39.0

123 11.2 9.1 13.7

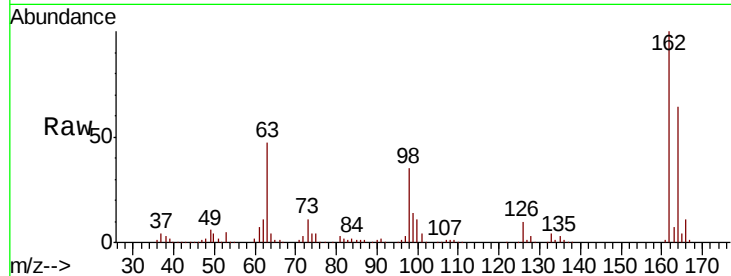




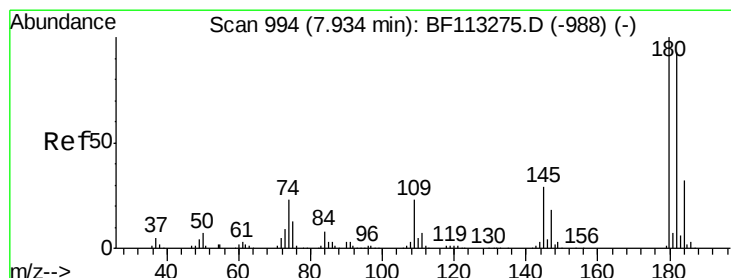
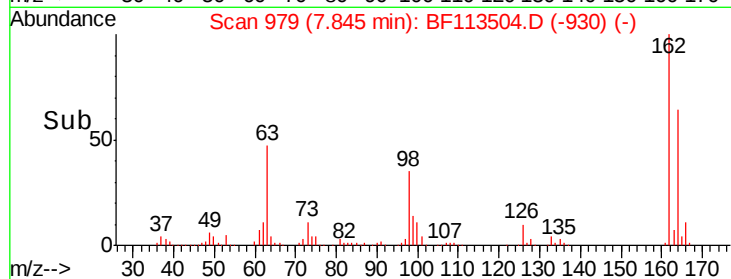
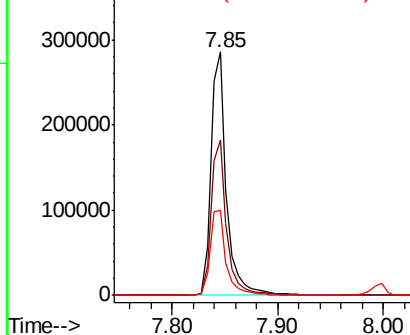
#29
 2,4-Dichlorophenol
 Concen: 37.791 ng
 RT: 7.85 min Scan# 979
 Delta R.T. -0.01 min
 Lab File: BF113504.D
 Acq: 2 Apr 2019 14:30

Instrument :
 BNA_F
 ClientSampleId :
 S4B(2-10)MSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.7	44.6	84.6
98	35.0	15.6	55.6

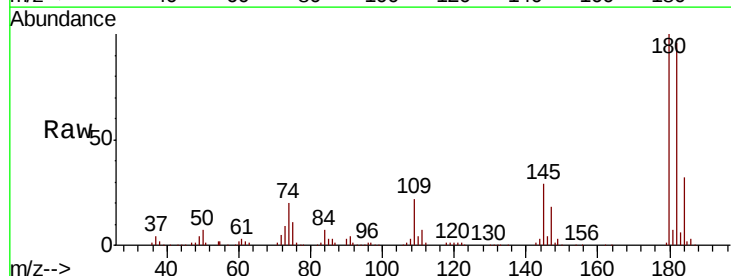


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

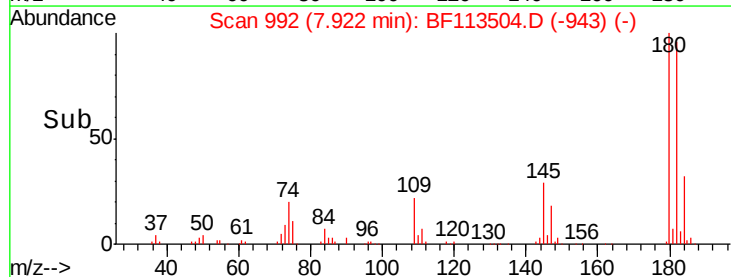
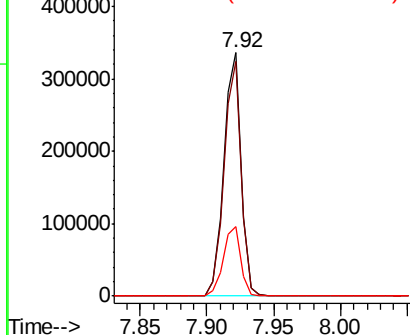


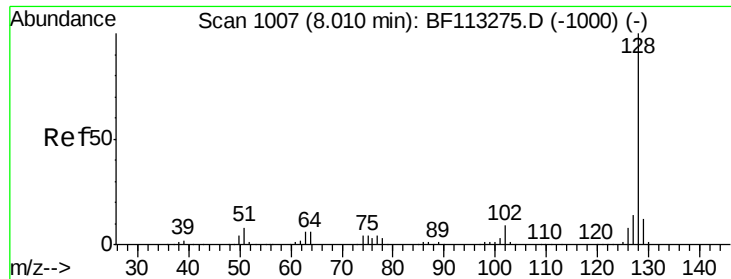
#30
 1,2,4-Trichlorobenzene
 Concen: 36.546 ng
 RT: 7.92 min Scan# 992
 Delta R.T. -0.01 min
 Lab File: BF113504.D
 Acq: 2 Apr 2019 14:30

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	74.6	111.8
145	28.6	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

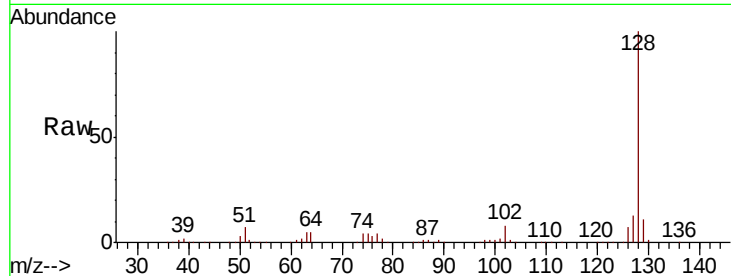




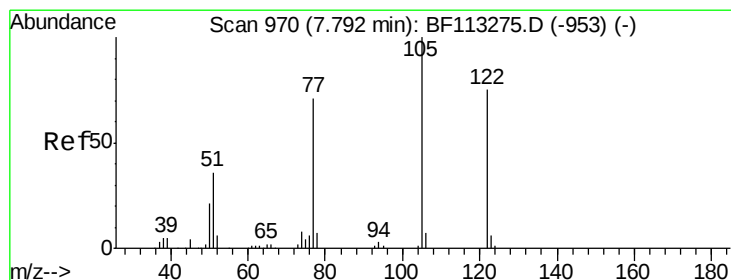
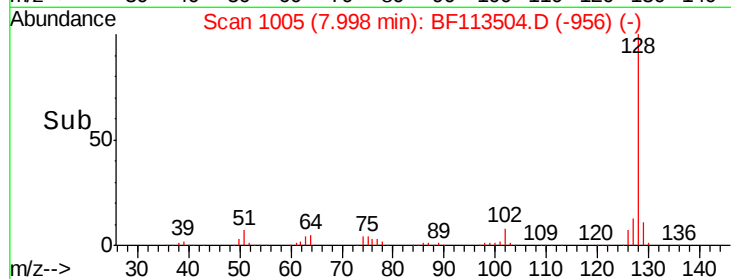
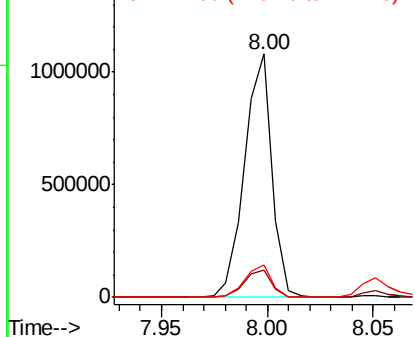
#31
Naphthalene
Concen: 36.907 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF113504.D
Acq: 2 Apr 2019 14:30

Instrument :
BNA_F
ClientSampleId :
S4B(2-10)MSD

Tgt Ion:128 Resp: 972821
Ion Ratio Lower Upper
128 100
129 11.2 9.3 13.9
127 13.2 10.9 16.3

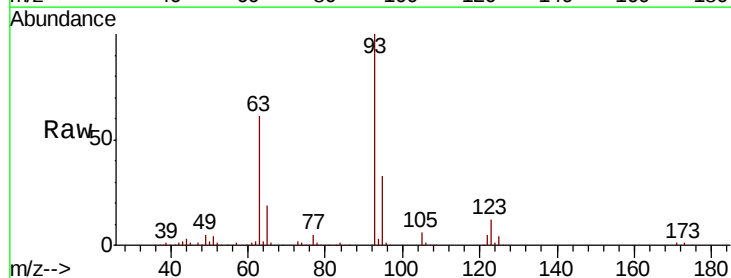


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

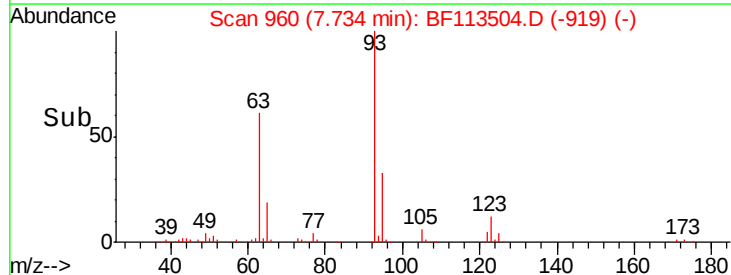
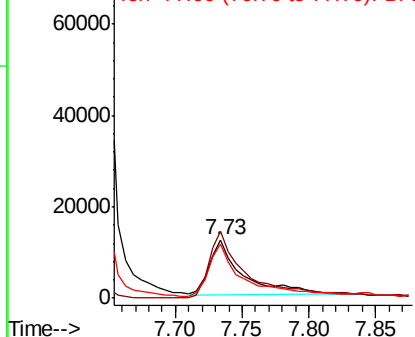


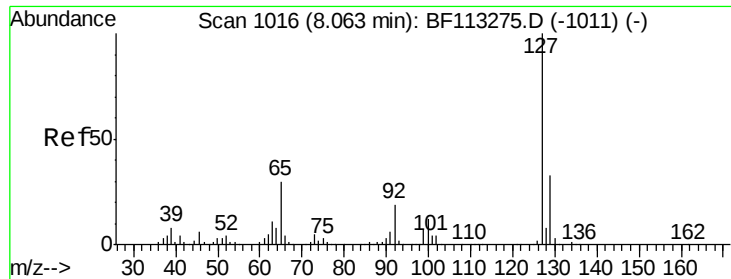
#32
Benzoic acid
Concen: 3.713 ng
RT: 7.73 min Scan# 960
Delta R.T. -0.06 min
Lab File: BF113504.D
Acq: 2 Apr 2019 14:30

Tgt Ion:122 Resp: 21548
Ion Ratio Lower Upper
122 100
105 114.9 100.4 140.4
77 93.5 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

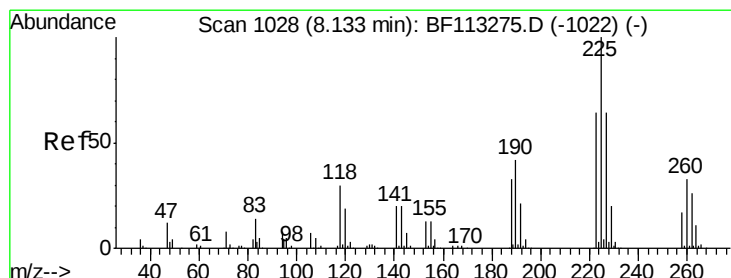
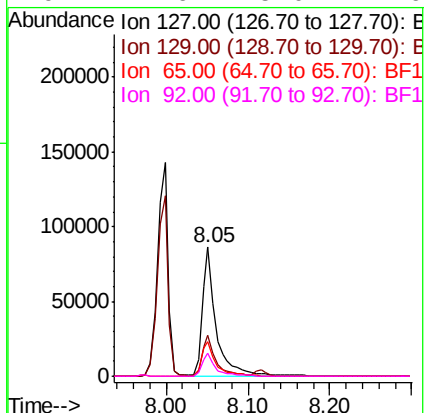
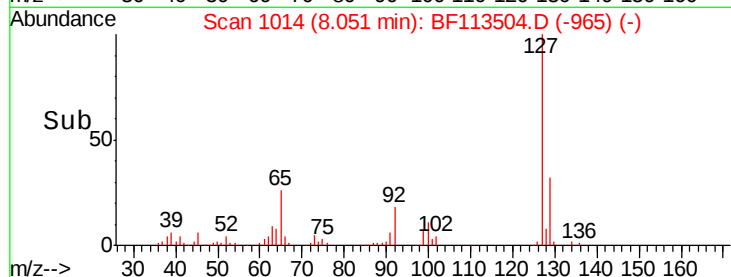
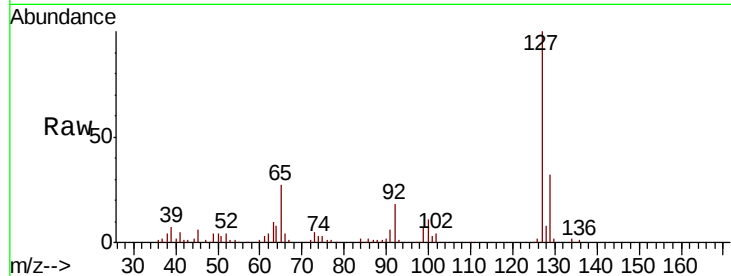




#33
4-Chloroaniline
Concen: 9.944 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF113504.D
Acq: 2 Apr 2019 14:30

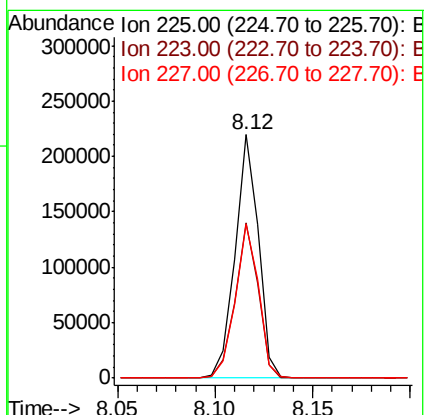
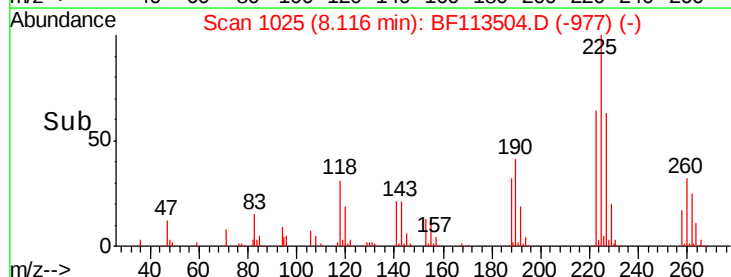
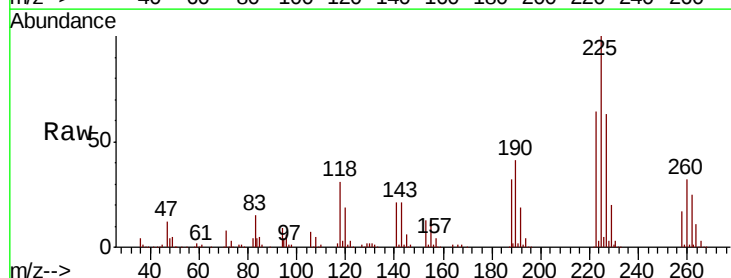
Instrument :
BNA_F
ClientSampleId :
S4B(2-10)MSD

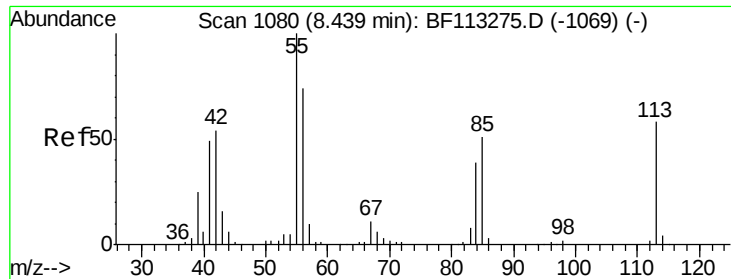
Tgt Ion:	127	Resp:	102209
Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.3	39.5
65	26.8	24.2	36.4
92	17.6	15.0	22.6



#34
Hexachlorobutadiene
Concen: 36.199 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.02 min
Lab File: BF113504.D
Acq: 2 Apr 2019 14:30

Tgt Ion:	225	Resp:	181380
Ion	Ratio	Lower	Upper
225	100		
223	63.8	51.4	77.2
227	63.2	51.1	76.7

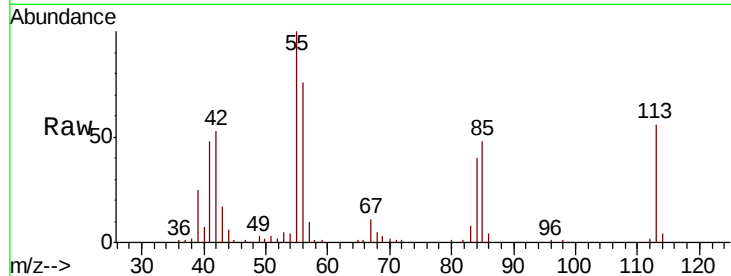




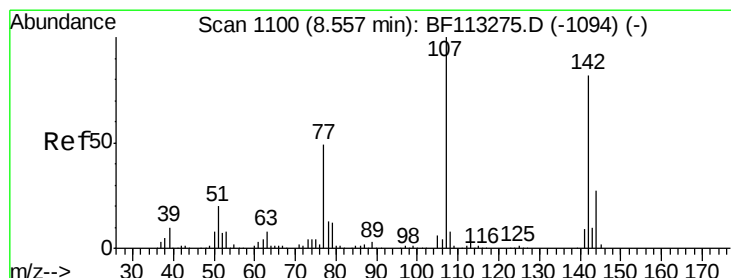
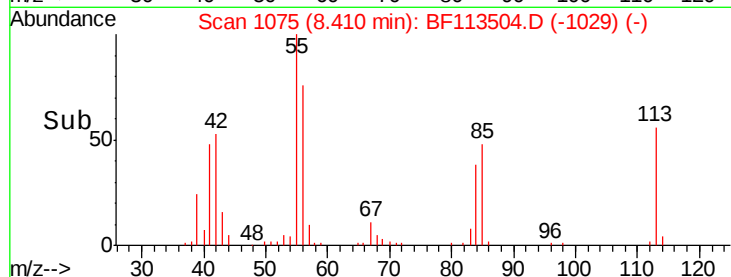
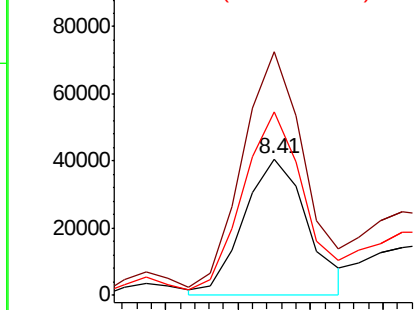
#35
 Caprolactam
 Concen: 19.883 ng
 RT: 8.41 min Scan# 1075
 Delta R.T. -0.03 min
 Lab File: BF113504.D
 Acq: 2 Apr 2019 14:30

Instrument :
 BNA_F
 ClientSampleId :
 S4B(2-10)MSD

Tgt Ion:113 Resp: 49863
 Ion Ratio Lower Upper
 113 100
 55 178.6 152.7 192.7
 56 134.9 108.3 148.3

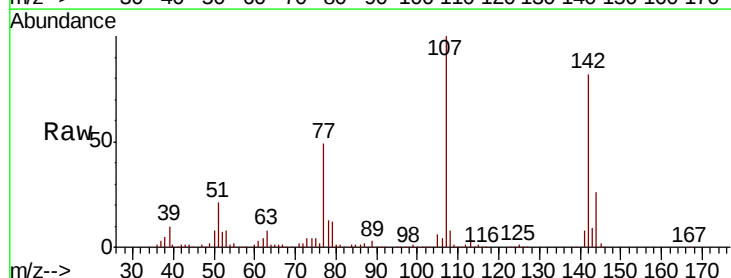


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

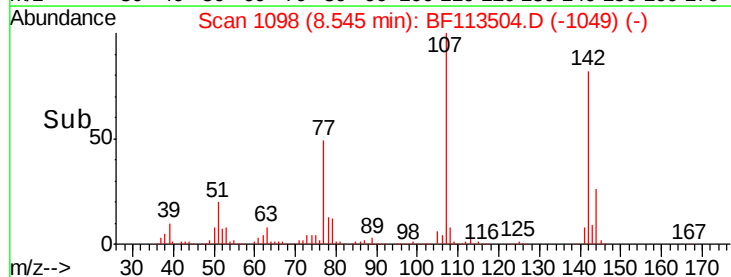
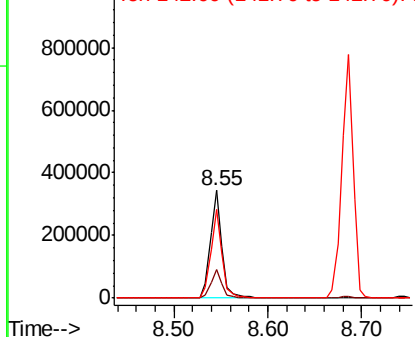


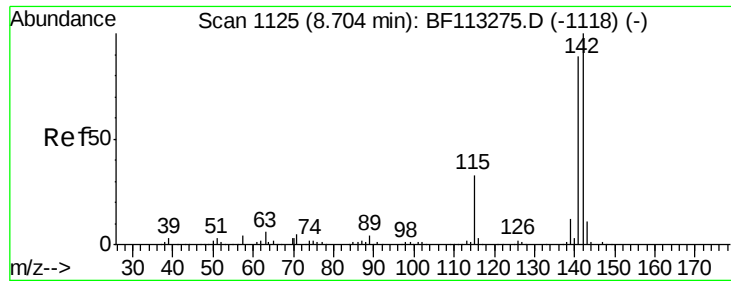
#36
 4-Chloro-3-methylphenol
 Concen: 38.040 ng
 RT: 8.55 min Scan# 1098
 Delta R.T. -0.01 min
 Lab File: BF113504.D
 Acq: 2 Apr 2019 14:30

Tgt Ion:107 Resp: 298964
 Ion Ratio Lower Upper
 107 100
 144 26.2 21.4 32.0
 142 81.9 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

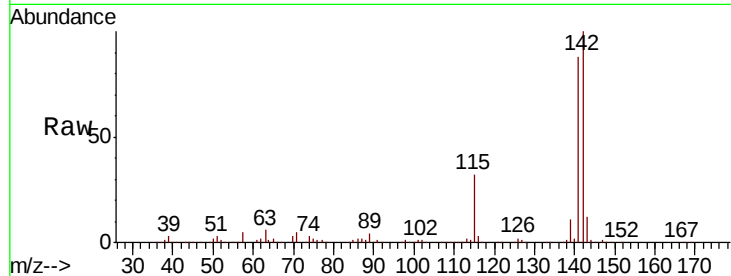




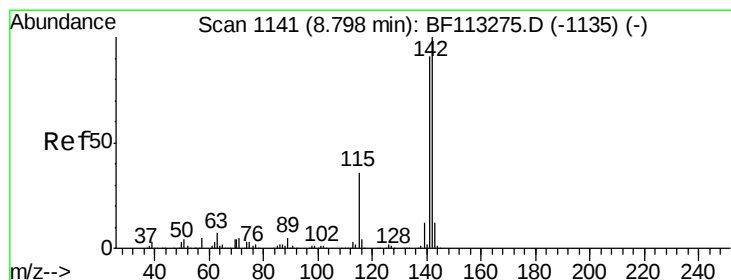
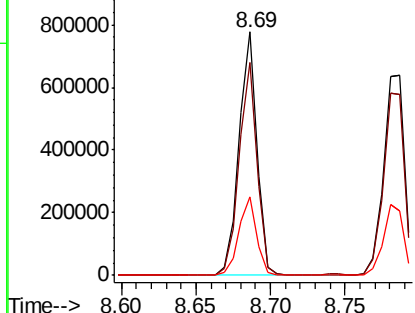
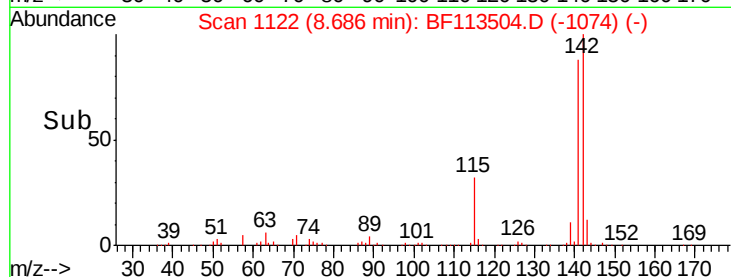
#37
2-Methylnaphthalene
Concen: 39.817 ng
RT: 8.69 min Scan# 1122
Delta R.T. -0.02 min
Lab File: BF113504.D
Acq: 2 Apr 2019 14:30

Instrument :
BNA_F
ClientSampleId :
S4B(2-10)MSD

Tgt Ion:142 Resp: 654874
Ion Ratio Lower Upper
142 100
141 87.6 71.0 106.6
115 32.4 26.6 39.8

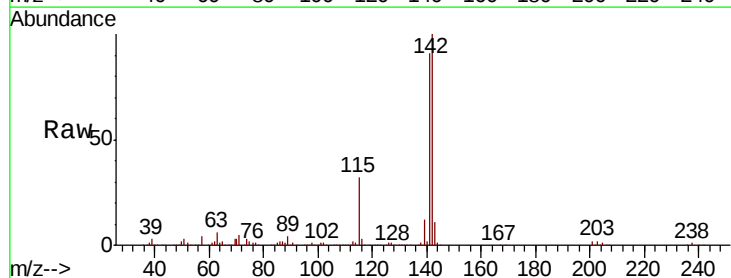


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

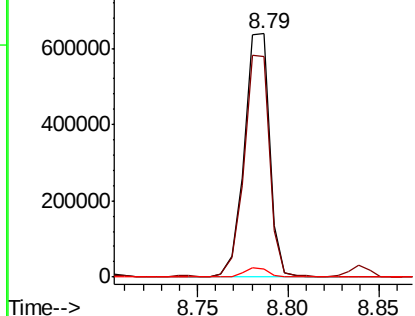
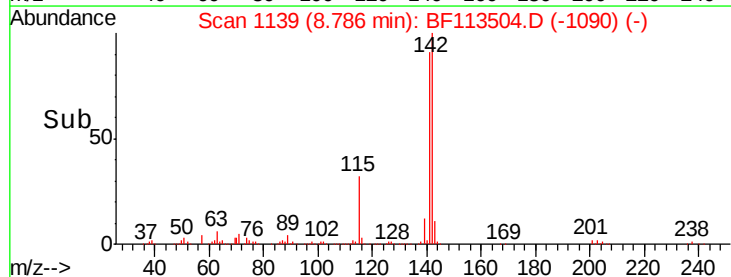


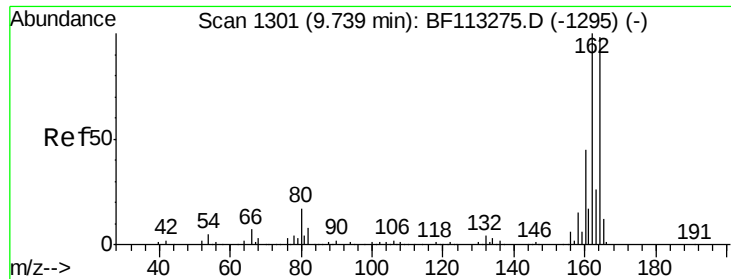
#38
1-Methylnaphthalene
Concen: 38.852 ng
RT: 8.79 min Scan# 1139
Delta R.T. -0.01 min
Lab File: BF113504.D
Acq: 2 Apr 2019 14:30

Tgt Ion:142 Resp: 614625
Ion Ratio Lower Upper
142 100
141 90.5 73.2 109.8
116 3.4 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

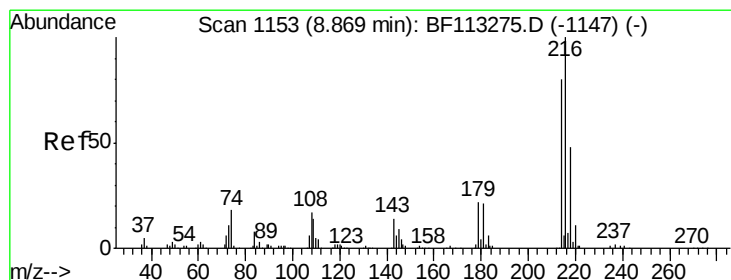
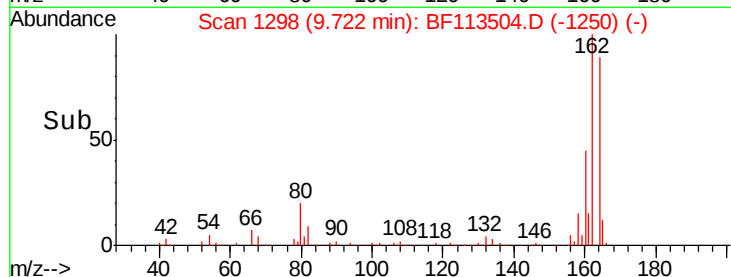
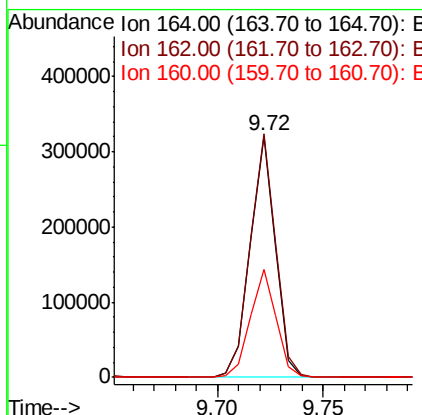
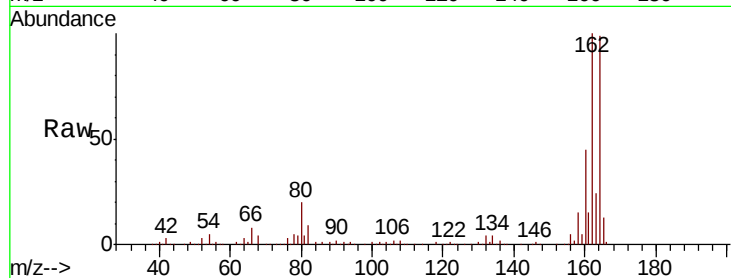




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.02 min
 Lab File: BF113504.D
 Acq: 2 Apr 2019 14:30

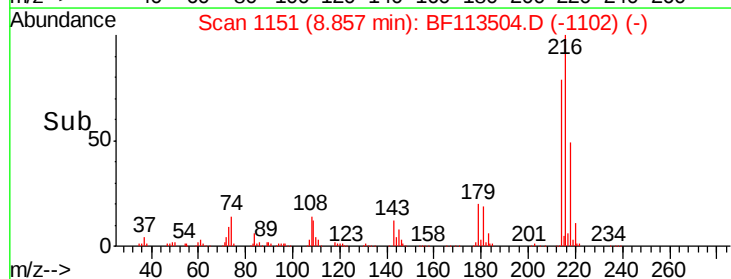
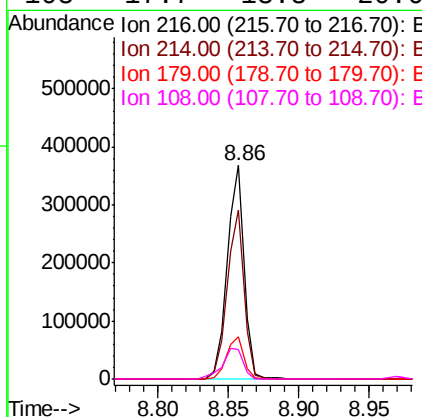
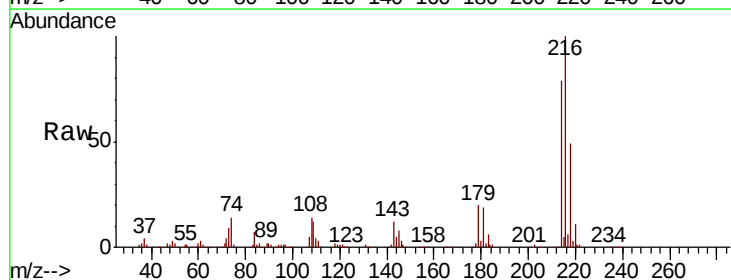
Instrument :
 BNA_F
 ClientSampleId :
 S4B(2-10)MSD

Tgt Ion:164 Resp: 266731
 Ion Ratio Lower Upper
 164 100
 162 101.0 81.8 122.6
 160 45.0 36.4 54.6



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.684 ng
 RT: 8.86 min Scan# 1151
 Delta R.T. -0.01 min
 Lab File: BF113504.D
 Acq: 2 Apr 2019 14:30

Tgt Ion:216 Resp: 305524
 Ion Ratio Lower Upper
 216 100
 214 79.0 63.0 94.6
 179 19.9 16.8 25.2
 108 17.7 13.8 20.6

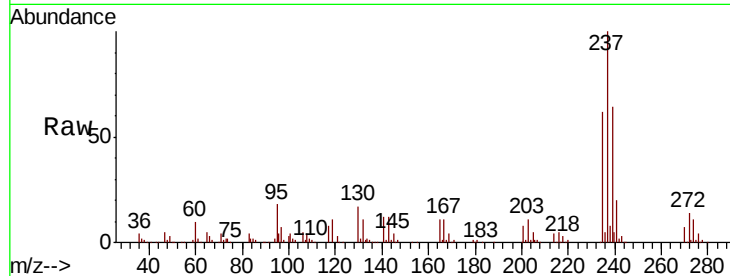




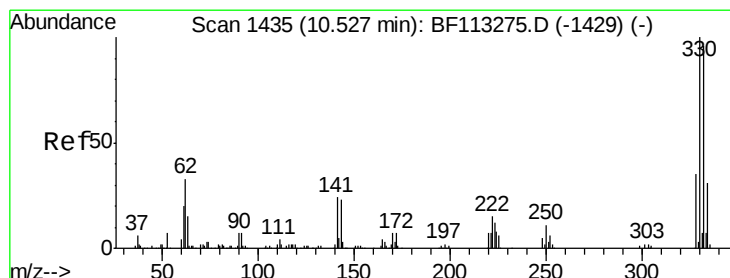
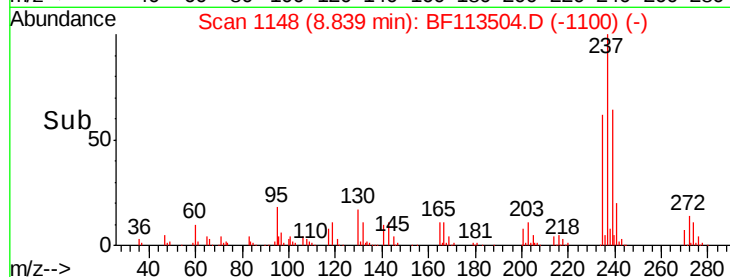
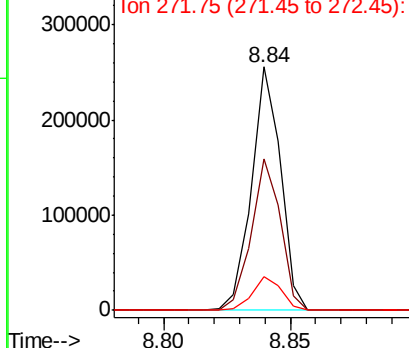
#41
Hexachlorocyclopentadiene
Concen: 56.434 ng
RT: 8.84 min Scan# 1148
Delta R.T. -0.02 min
Lab File: BF113504.D
Acq: 2 Apr 2019 14:30

Instrument :
BNA_F
ClientSampleId :
S4B(2-10)MSD

Tgt Ion: 237 Resp: 204523
Ion Ratio Lower Upper
237 100
235 62.2 43.4 83.4
272 13.7 0.0 33.7

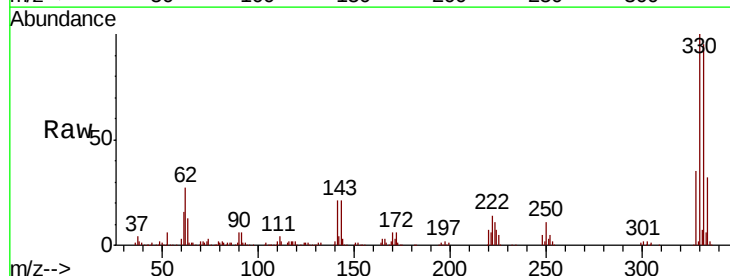


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

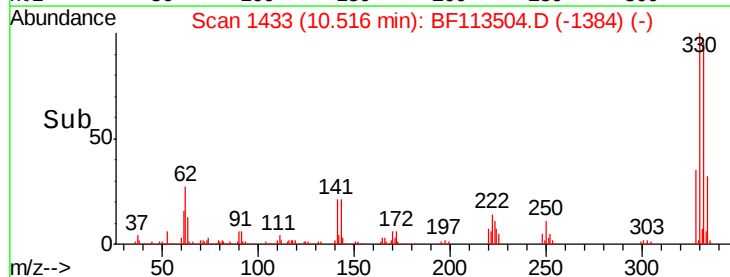
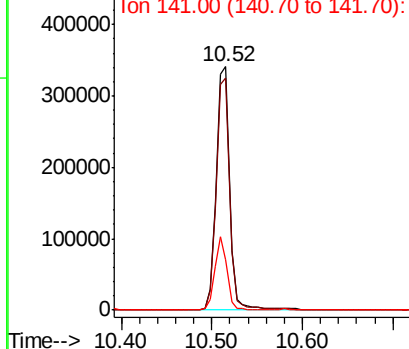


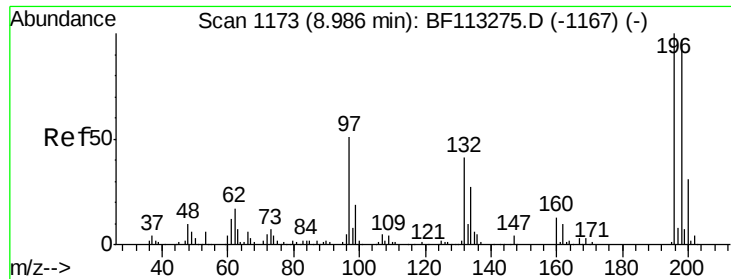
#42
2,4,6-Tribromophenol
Concen: 106.524 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.01 min
Lab File: BF113504.D
Acq: 2 Apr 2019 14:30

Tgt Ion: 330 Resp: 350969
Ion Ratio Lower Upper
330 100
332 95.6 77.8 116.6
141 27.5 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

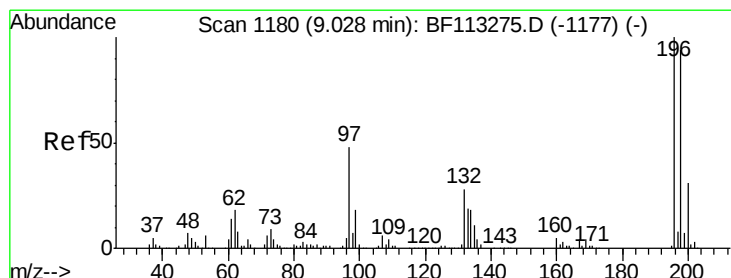
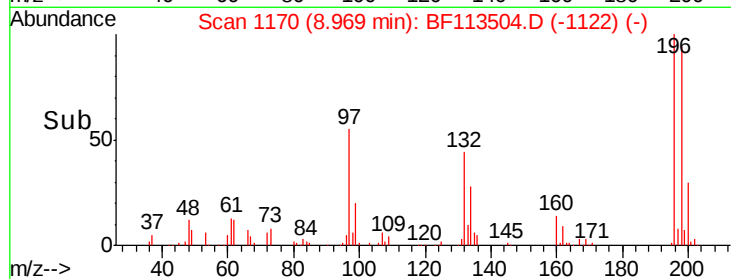
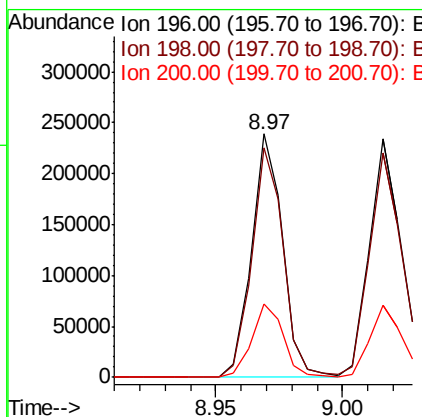
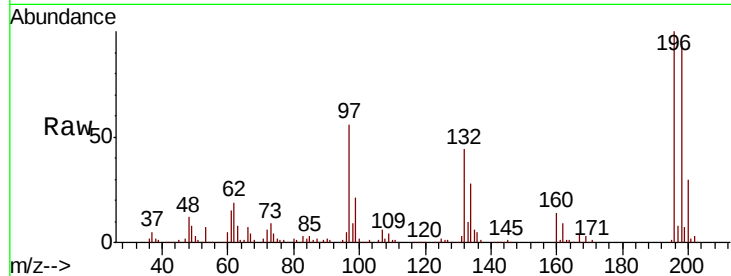




#43
 2,4,6-Trichlorophenol
 Concen: 36.653 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. -0.02 min
 Lab File: BF113504.D
 Acq: 2 Apr 2019 14:30

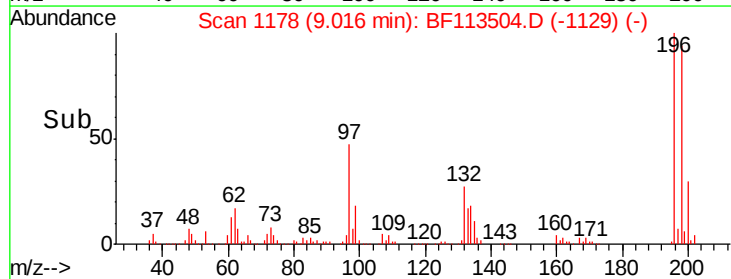
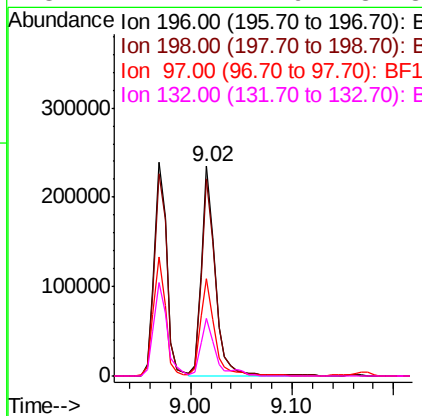
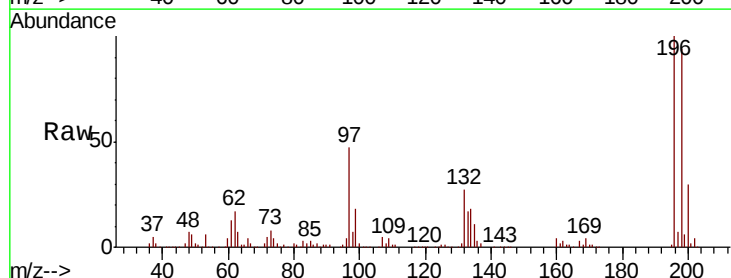
Instrument :
 BNA_F
 ClientSampleId :
 S4B(2-10)MSD

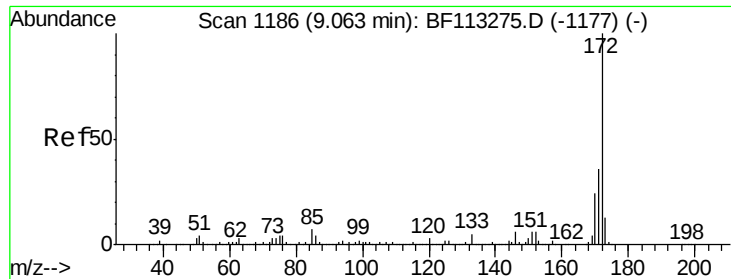
Tgt Ion:	196	Resp:	204361
Ion	Ratio	Lower	Upper
196	100		
198	94.5	77.7	116.5
200	30.1	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 35.800 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BF113504.D
 Acq: 2 Apr 2019 14:30

Tgt Ion:	196	Resp:	220903
Ion	Ratio	Lower	Upper
196	100		
198	93.9	75.4	113.2
97	46.6	38.6	58.0
132	27.2	22.9	34.3

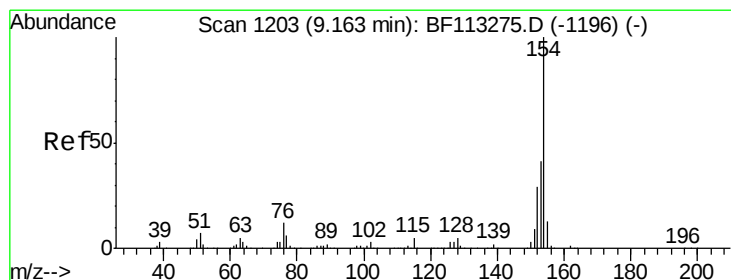
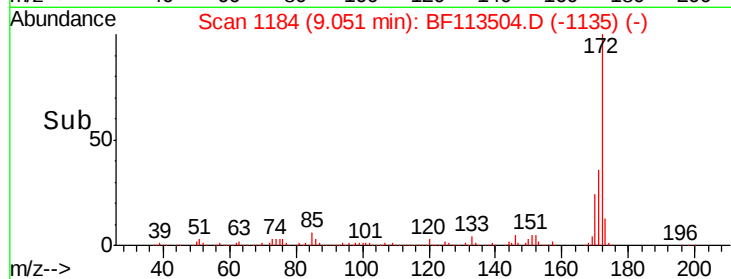
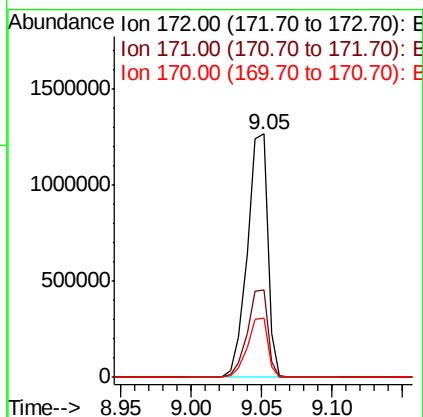
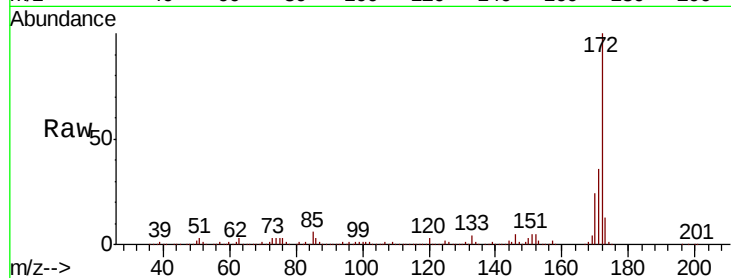




#45
2-Fluorobiphenyl
Concen: 73.383 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF113504.D
Acq: 2 Apr 2019 14:30

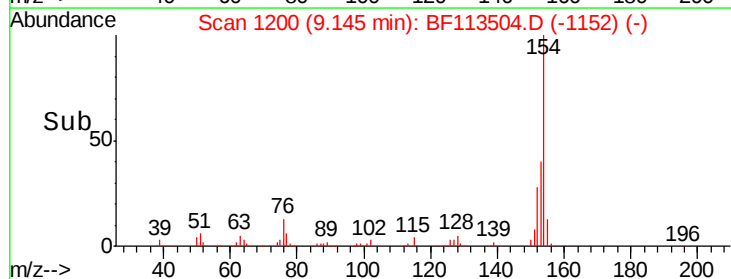
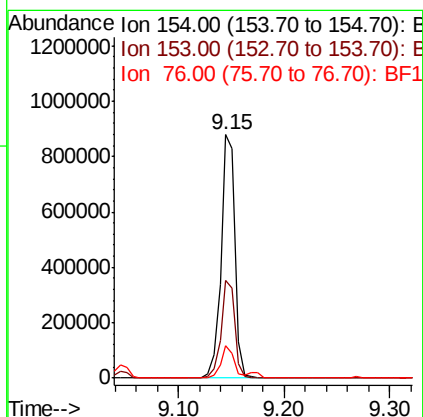
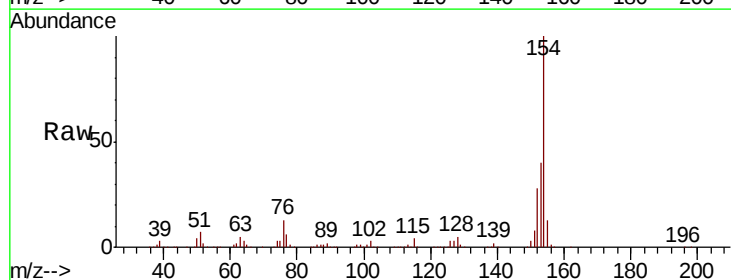
Instrument :
BNA_F
ClientSampleId :
S4B(2-10)MSD

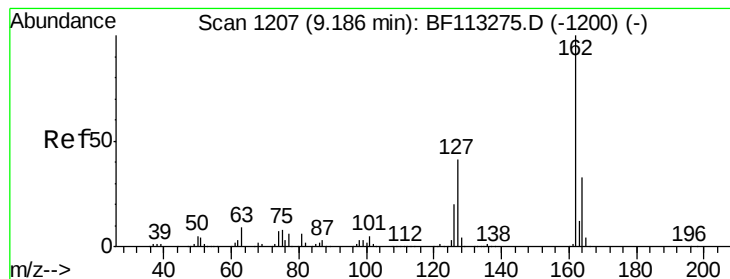
Tgt Ion:172 Resp: 1289844
Ion Ratio Lower Upper
172 100
171 35.9 29.0 43.6
170 24.3 19.5 29.3



#46
1,1'-Biphenyl
Concen: 36.487 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.02 min
Lab File: BF113504.D
Acq: 2 Apr 2019 14:30

Tgt Ion:154 Resp: 812837
Ion Ratio Lower Upper
154 100
153 40.0 20.8 60.8
76 13.2 0.0 31.9





#47

2-Chloronaphthalene

Concen: 35.958 ng

RT: 9.17 min Scan# 1205

Delta R.T. -0.01 min

Lab File: BF113504.D

Acq: 2 Apr 2019 14:30

Instrument :

BNA_F

ClientSampleId :

S4B(2-10)MSD

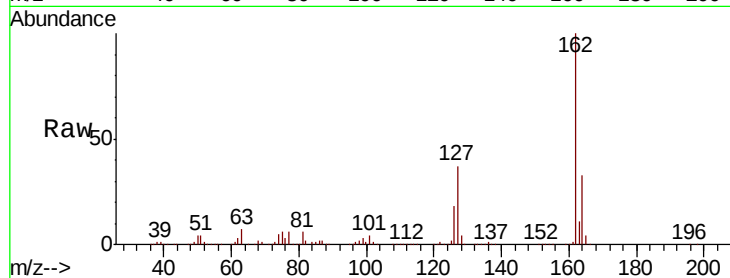
Tgt Ion: 162 Resp: 616768

Ion Ratio Lower Upper

162 100

127 37.4 32.6 49.0

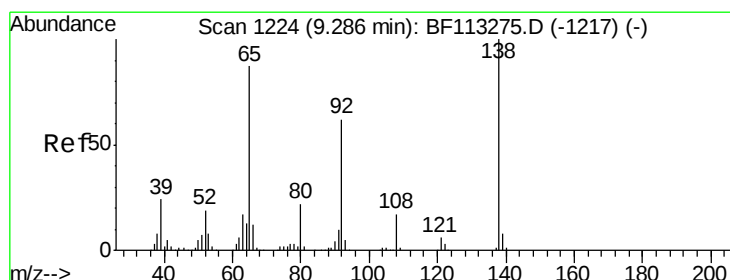
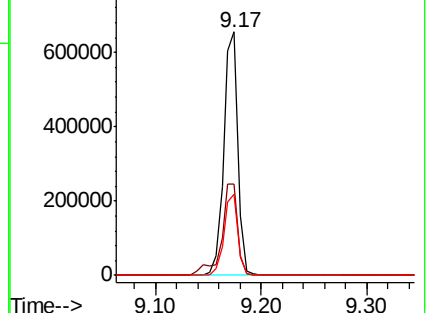
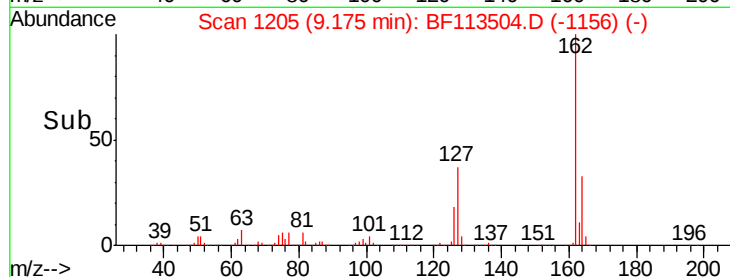
164 33.4 26.6 39.8



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: 36.103 ng

RT: 9.27 min Scan# 1221

Delta R.T. -0.02 min

Lab File: BF113504.D

Acq: 2 Apr 2019 14:30

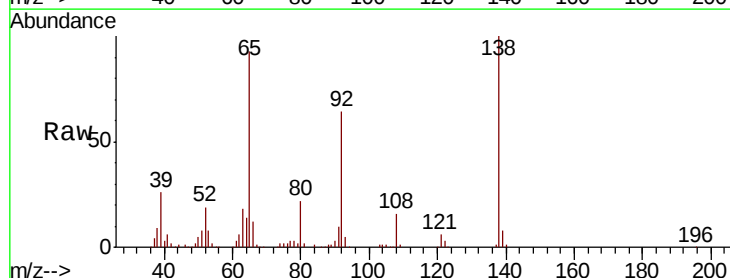
Tgt Ion: 65 Resp: 194332

Ion Ratio Lower Upper

65 100

92 69.4 56.8 85.2

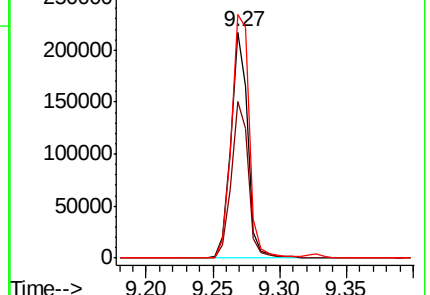
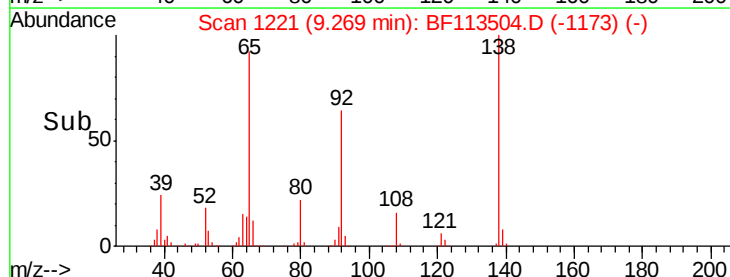
138 107.9 92.3 138.5

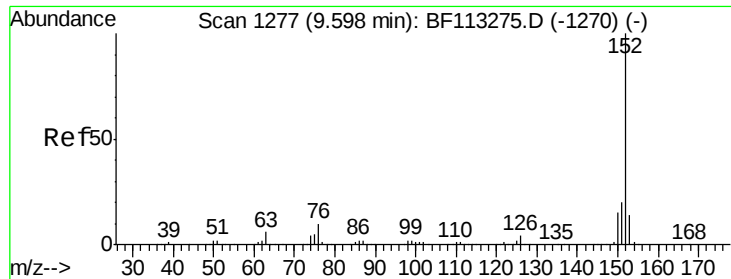


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 36.081 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.01 min

Lab File: BF113504.D

Acq: 2 Apr 2019 14:30

Instrument :

BNA_F

ClientSampleId :

S4B(2-10)MSD

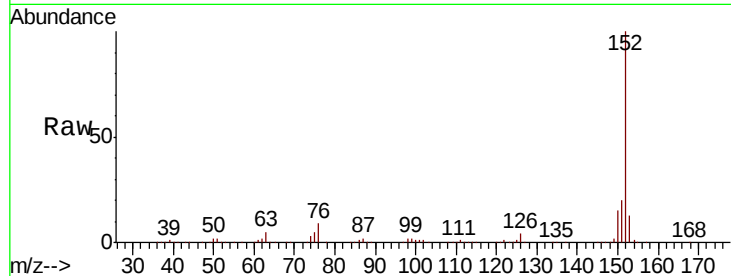
Tgt Ion:152 Resp: 1000668

Ion Ratio Lower Upper

152 100

151 20.0 16.2 24.4

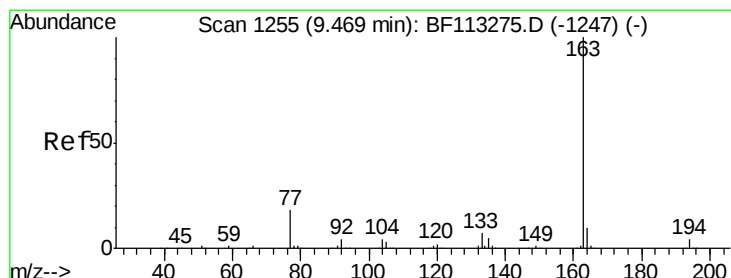
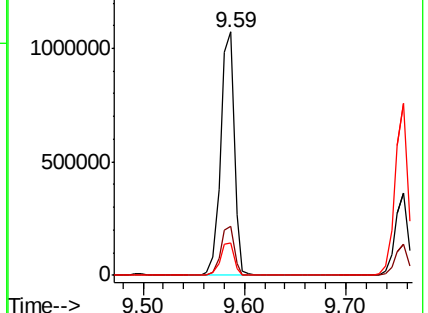
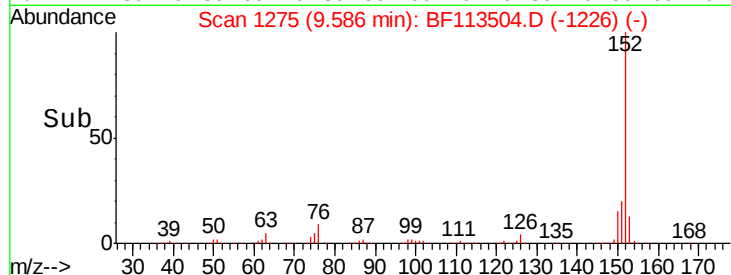
153 13.3 11.0 16.6



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: 40.885 ng

RT: 9.45 min Scan# 1252

Delta R.T. -0.02 min

Lab File: BF113504.D

Acq: 2 Apr 2019 14:30

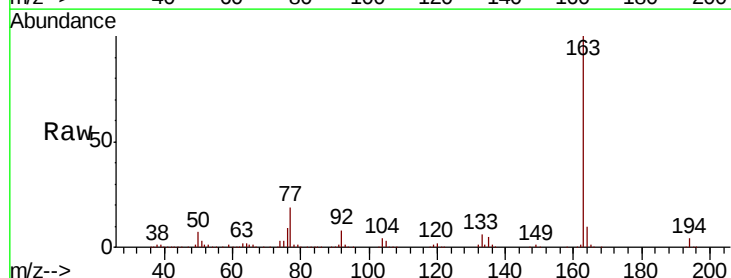
Tgt Ion:163 Resp: 808173

Ion Ratio Lower Upper

163 100

194 4.1 3.0 4.6

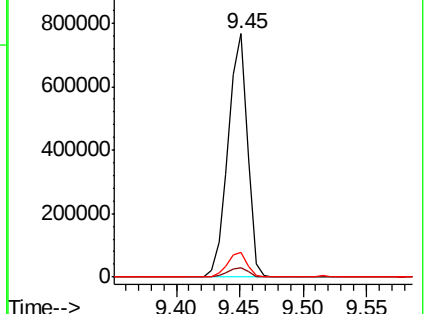
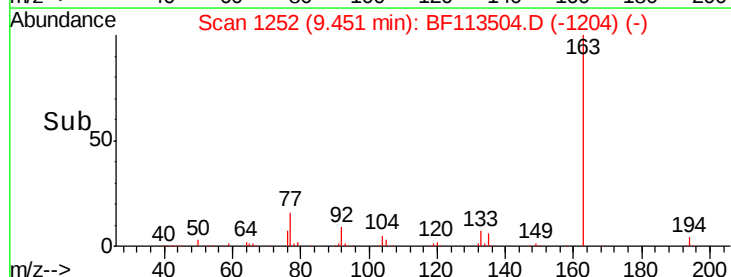
164 10.3 8.1 12.1

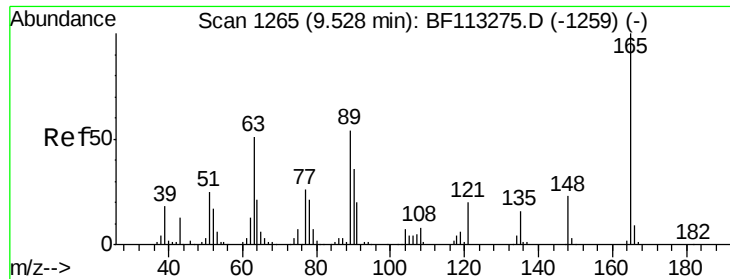


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

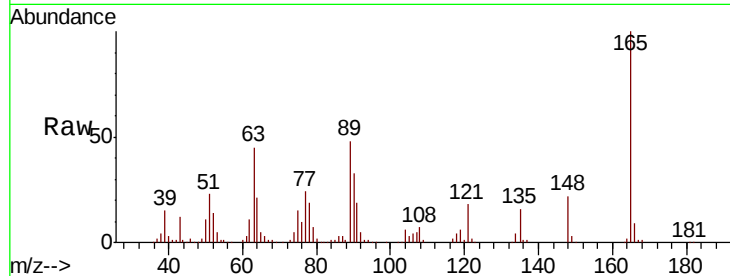




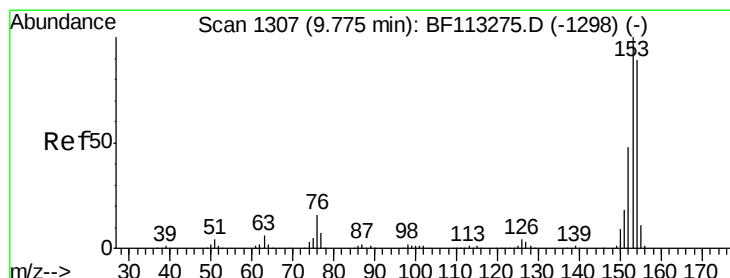
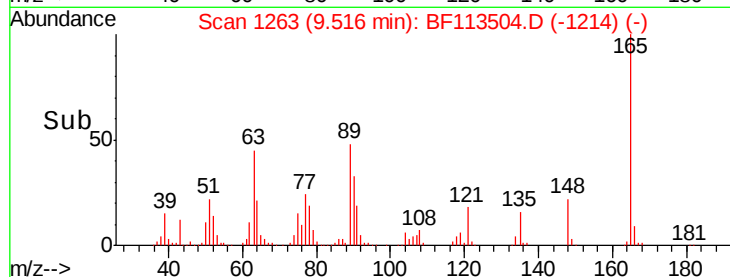
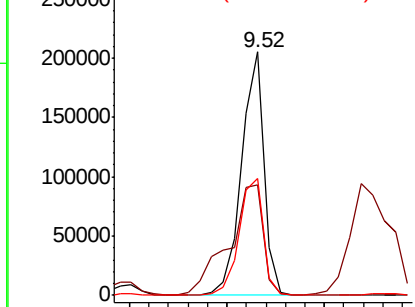
#51
2,6-Dinitrotoluene
Concen: 36.800 ng
RT: 9.52 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BF113504.D
Acq: 2 Apr 2019 14:30

Instrument :
BNA_F
ClientSampleId :
S4B(2-10)MSD

Tgt Ion:165 Resp: 164104
Ion Ratio Lower Upper
165 100
63 45.3 43.4 65.0
89 47.9 43.1 64.7

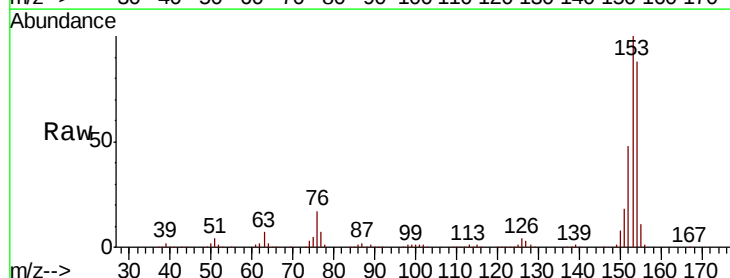


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

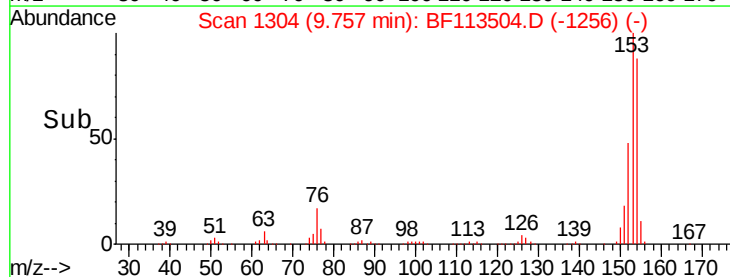
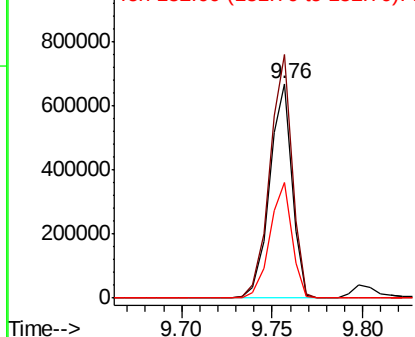


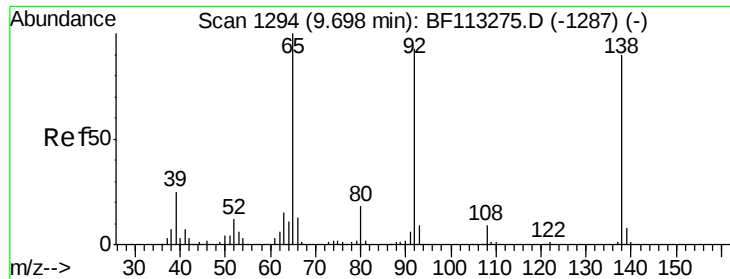
#52
Acenaphthene
Concen: 36.802 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.02 min
Lab File: BF113504.D
Acq: 2 Apr 2019 14:30

Tgt Ion:154 Resp: 574787
Ion Ratio Lower Upper
154 100
153 113.5 89.5 134.3
152 54.0 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

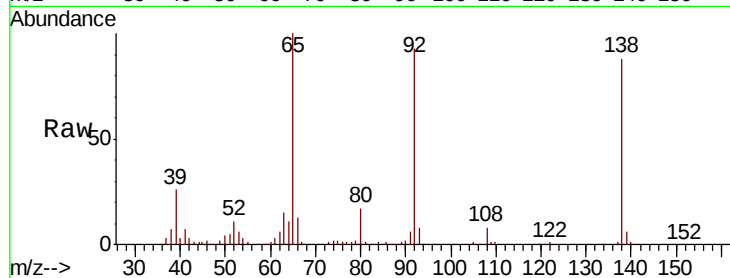




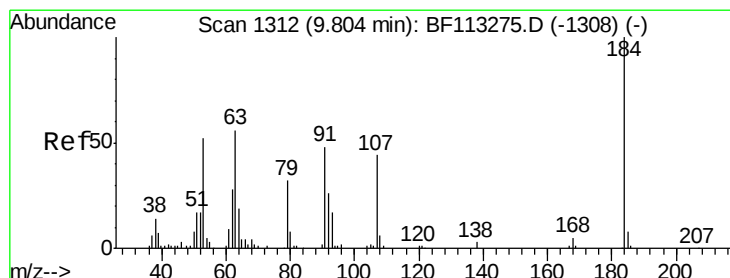
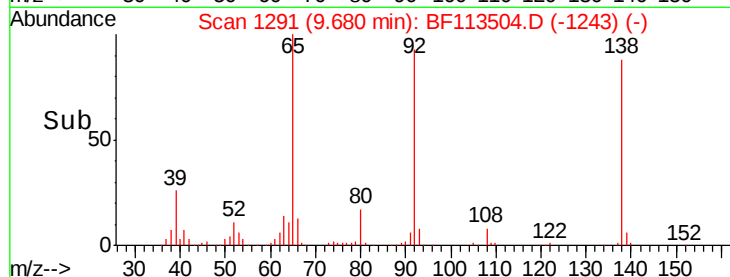
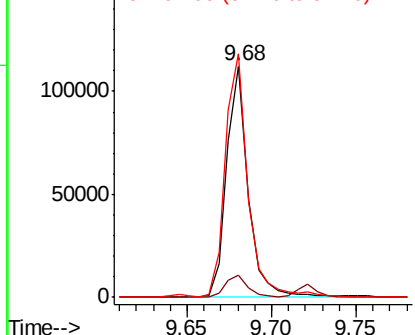
#53
 3-Nitroaniline
 Concen: 19.931 ng
 RT: 9.68 min Scan# 1291
 Delta R.T. -0.02 min
 Lab File: BF113504.D
 Acq: 2 Apr 2019 14:30

Instrument :
 BNA_F
 ClientSampleId :
 S4B(2-10)MSD

Tgt Ion:138 Resp: 100233
 Ion Ratio Lower Upper
 138 100
 108 9.3 7.8 11.6
 92 105.5 82.6 124.0

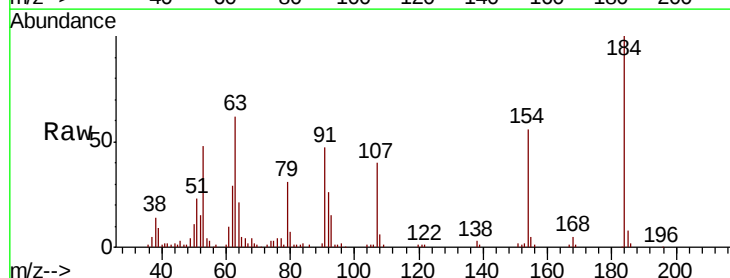


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

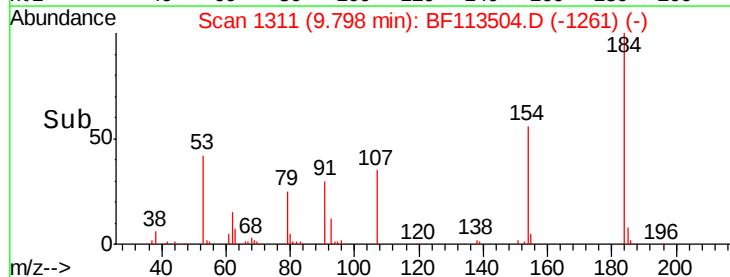
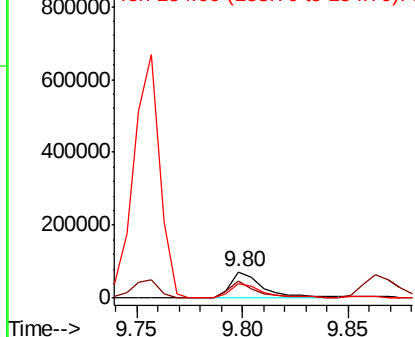


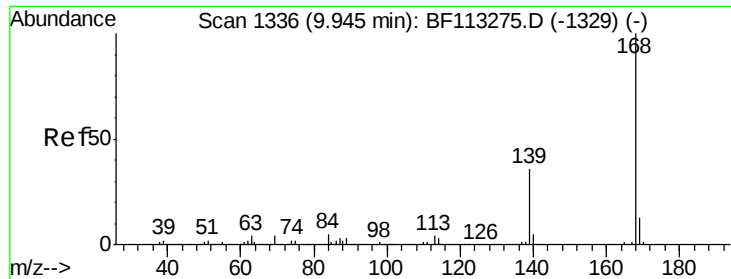
#54
 2,4-Dinitrophenol
 Concen: 34.925 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. -0.01 min
 Lab File: BF113504.D
 Acq: 2 Apr 2019 14:30

Tgt Ion:184 Resp: 77461
 Ion Ratio Lower Upper
 184 100
 63 62.4 54.3 81.5
 154 56.4 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: 36.599 ng

RT: 9.93 min Scan# 1333

Delta R.T. -0.02 min

Lab File: BF113504.D

Acq: 2 Apr 2019 14:30

Instrument :

BNA_F

ClientSampleId :

S4B(2-10)MSD

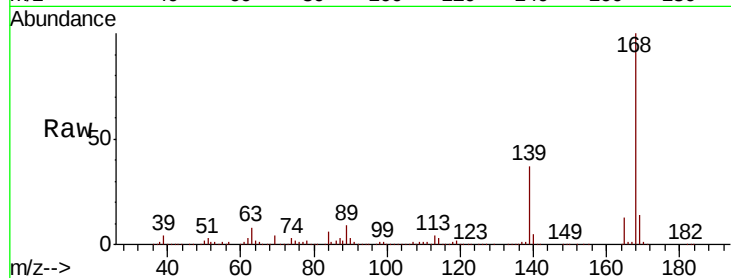
Tgt Ion:168 Resp: 859324

Ion Ratio Lower Upper

168 100

139 36.7 29.7 44.5

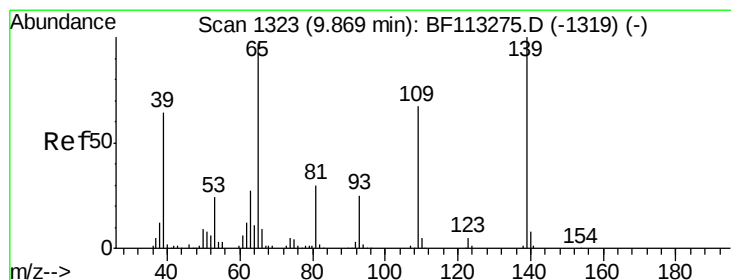
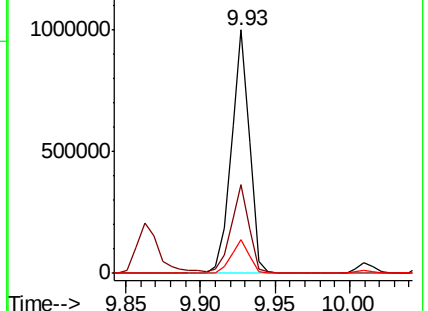
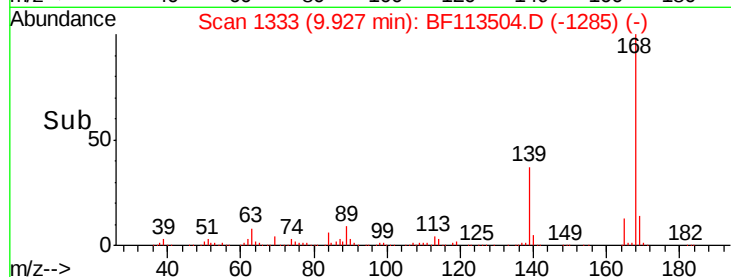
169 13.9 10.7 16.1



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: 59.964 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BF113504.D

Acq: 2 Apr 2019 14:30

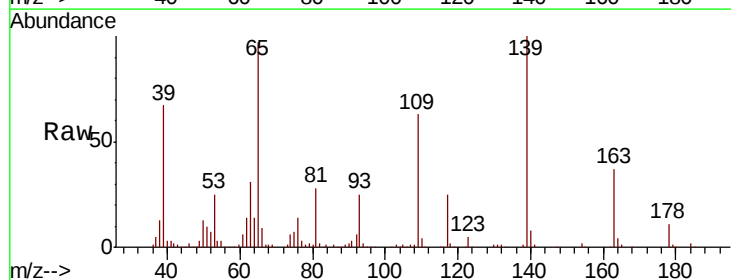
Tgt Ion:139 Resp: 214987

Ion Ratio Lower Upper

139 100

109 63.4 46.9 86.9

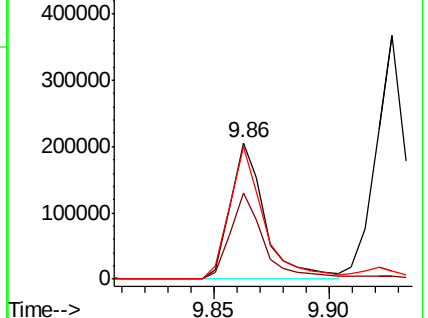
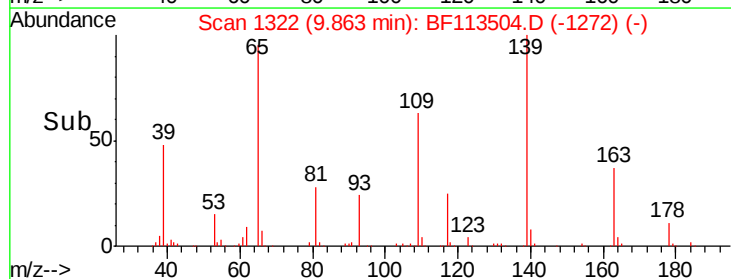
65 97.0 77.2 117.2

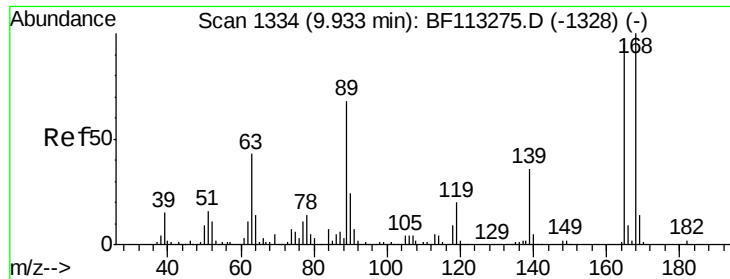


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

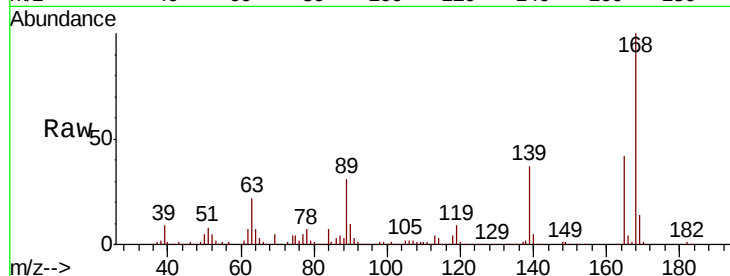




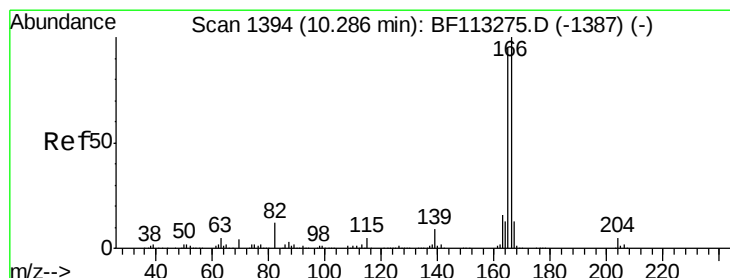
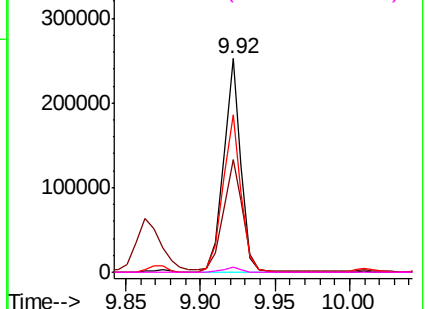
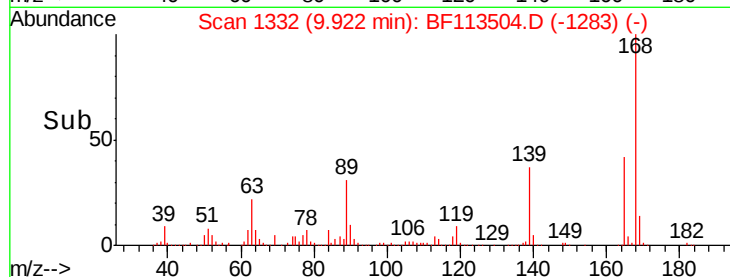
#57
 2,4-Dinitrotoluene
 Concen: 36.285 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. -0.01 min
 Lab File: BF113504.D
 Acq: 2 Apr 2019 14:30

Instrument :
 BNA_F
 ClientSampleId :
 S4B(2-10)MSD

Tgt Ion:	165	Resp:	205772
Ion	Ratio	Lower	Upper
165	100		
63	52.8	37.5	56.3
89	73.8	57.4	86.2
182	2.3	2.0	3.0

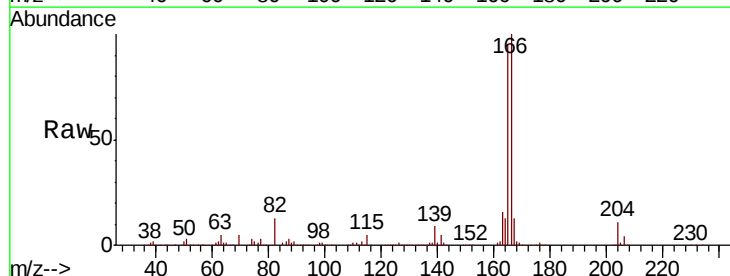


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

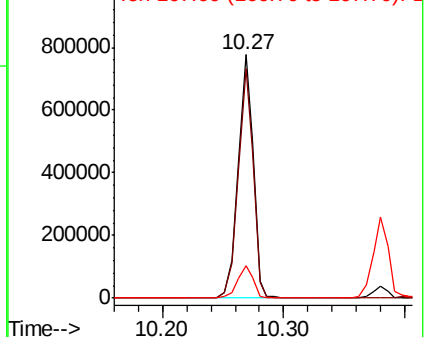
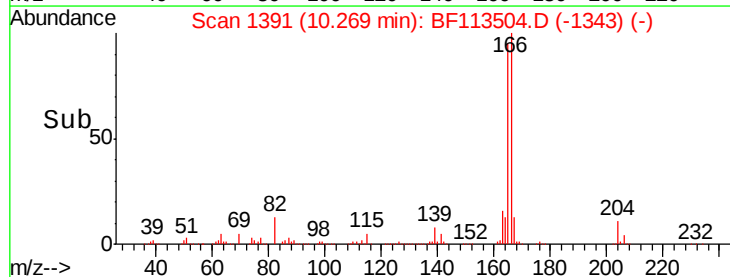


#58
 Fluorene
 Concen: 37.336 ng
 RT: 10.27 min Scan# 1391
 Delta R.T. -0.02 min
 Lab File: BF113504.D
 Acq: 2 Apr 2019 14:30

Tgt Ion:	166	Resp:	681007
Ion	Ratio	Lower	Upper
166	100		
165	94.5	76.2	114.2
167	13.4	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

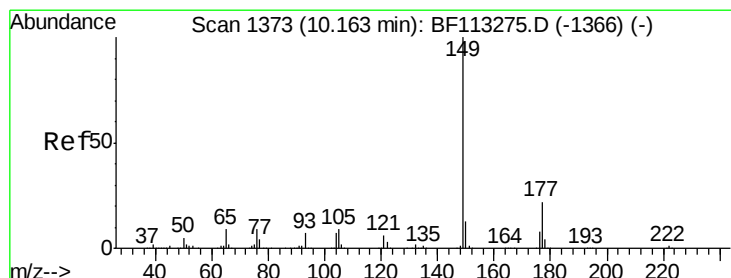
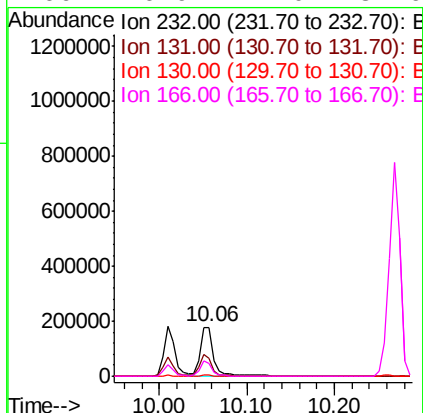
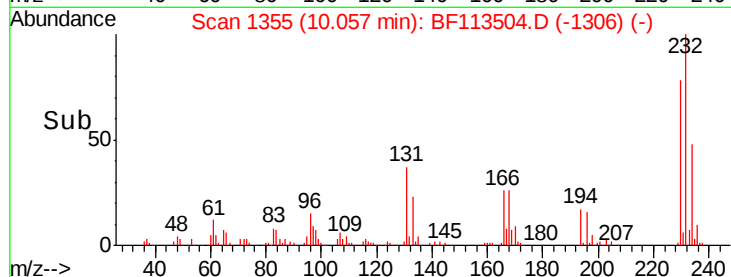
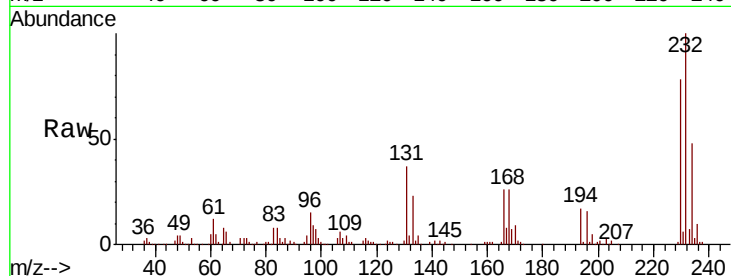




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 36.616 ng
 RT: 10.06 min Scan# 1355
 Delta R.T. -0.01 min
 Lab File: BF113504.D
 Acq: 2 Apr 2019 14:30

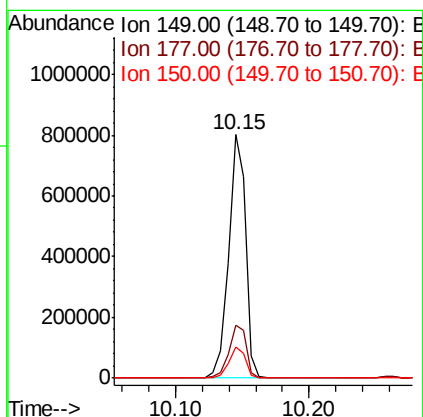
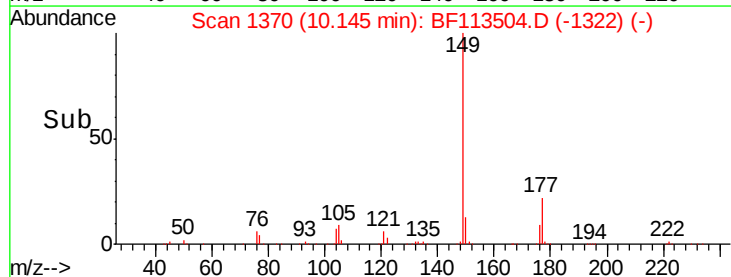
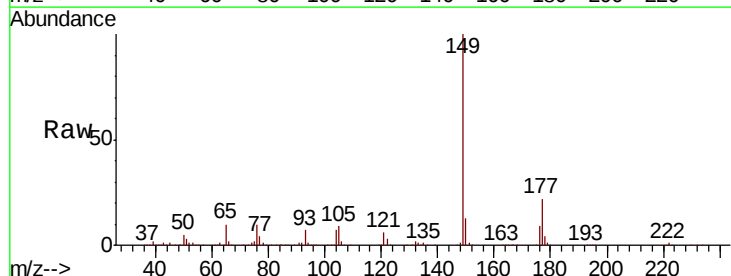
Instrument :
 BNA_F
 ClientSampleId :
 S4B(2-10)MSD

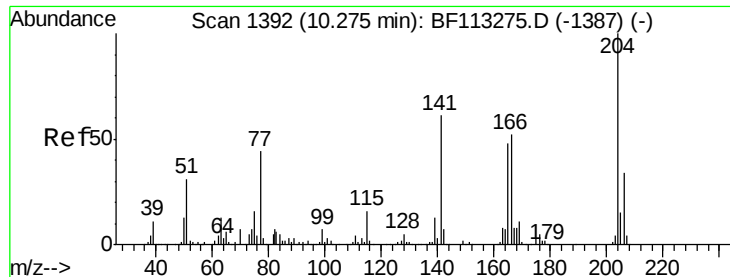
Tgt Ion:	232	Resp:	191059
Ion	Ratio	Lower	Upper
232	100		
131	39.3	33.2	49.8
130	1.8	1.6	2.4
166	26.9	21.0	31.6



#60
 Diethylphthalate
 Concen: 37.096 ng
 RT: 10.15 min Scan# 1370
 Delta R.T. -0.02 min
 Lab File: BF113504.D
 Acq: 2 Apr 2019 14:30

Tgt Ion:	149	Resp:	719343
Ion	Ratio	Lower	Upper
149	100		
177	21.9	17.4	26.0
150	12.7	10.0	15.0

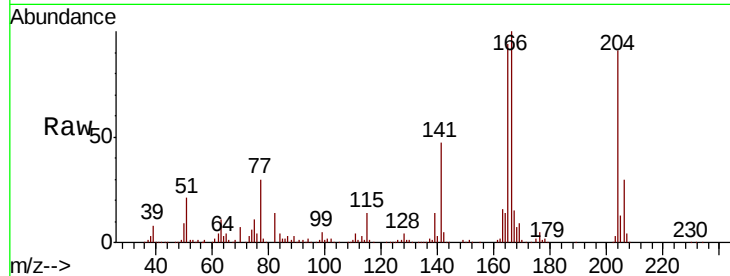




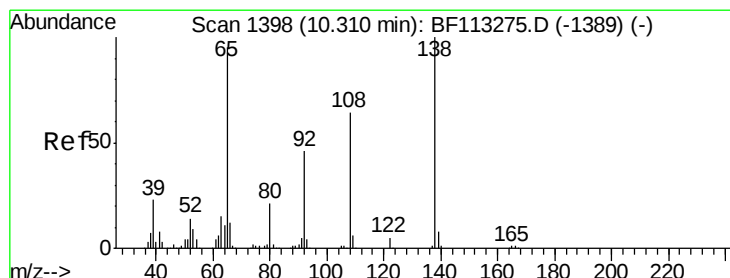
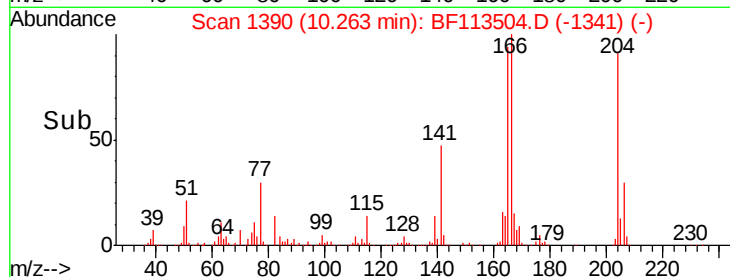
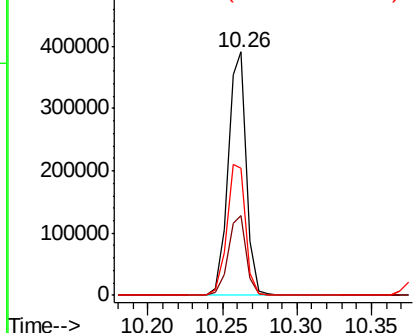
#61
 4-Chlorophenyl-phenylether
 Concen: 38.174 ng
 RT: 10.26 min Scan# 1390
 Delta R.T. -0.01 min
 Lab File: BF113504.D
 Acq: 2 Apr 2019 14:30

Instrument :
 BNA_F
 ClientSampleId :
 S4B(2-10)MSD

Tgt Ion: 204 Resp: 339363
 Ion Ratio Lower Upper
 204 100
 206 32.7 26.9 40.3
 141 52.1 48.8 73.2

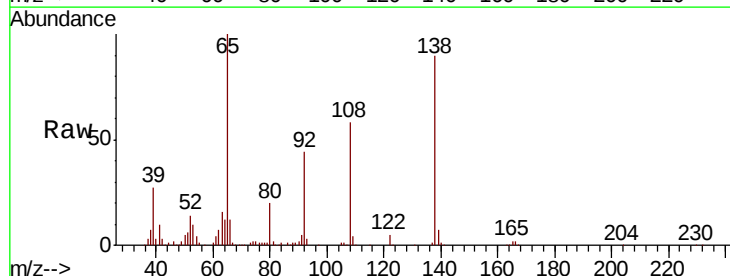


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

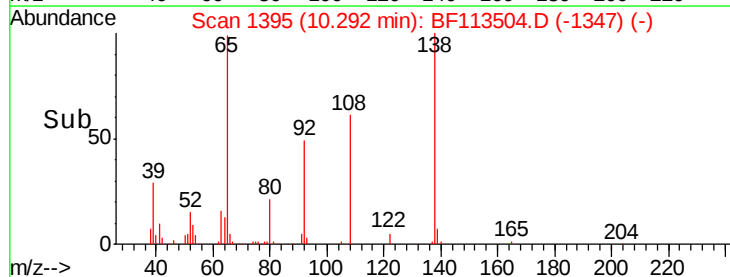
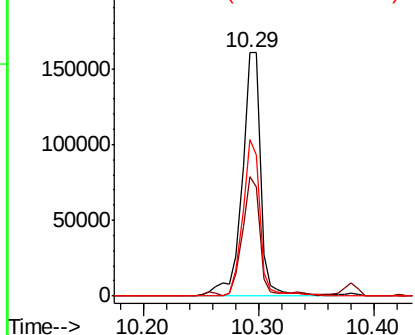


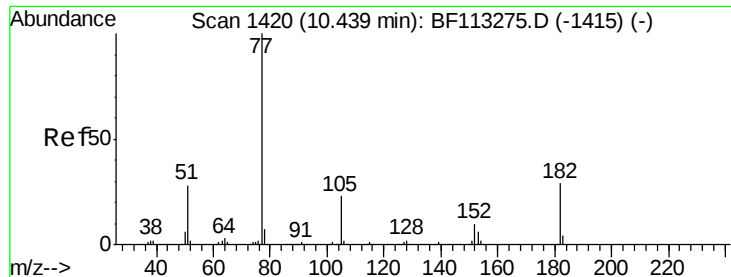
#62
 4-Nitroaniline
 Concen: 34.892 ng
 RT: 10.29 min Scan# 1395
 Delta R.T. -0.02 min
 Lab File: BF113504.D
 Acq: 2 Apr 2019 14:30

Tgt Ion: 138 Resp: 180661
 Ion Ratio Lower Upper
 138 100
 92 49.2 25.8 65.8
 108 64.3 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: 36.934 ng

RT: 10.42 min Scan# 1417

Delta R.T. -0.02 min

Lab File: BF113504.D

Acq: 2 Apr 2019 14:30

Instrument :

BNA_F

ClientSampleId :

S4B(2-10)MSD

Tgt Ion: 77 Resp: 674178

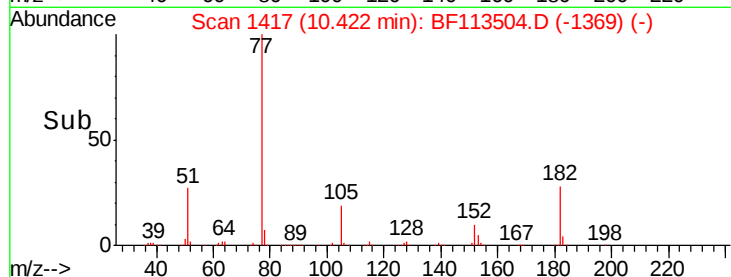
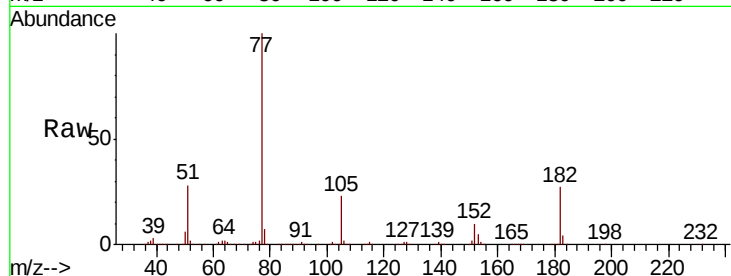
Ion Ratio Lower Upper

77 100

182 27.1 8.7 48.7

105 22.9 2.9 42.9

51 28.0 8.8 48.8

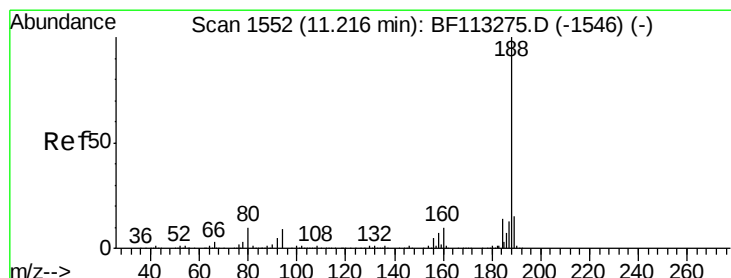
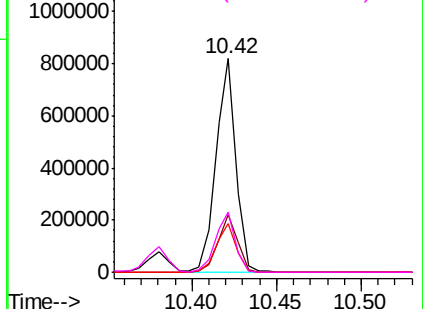


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.20 min Scan# 1550

Delta R.T. -0.01 min

Lab File: BF113504.D

Acq: 2 Apr 2019 14:30

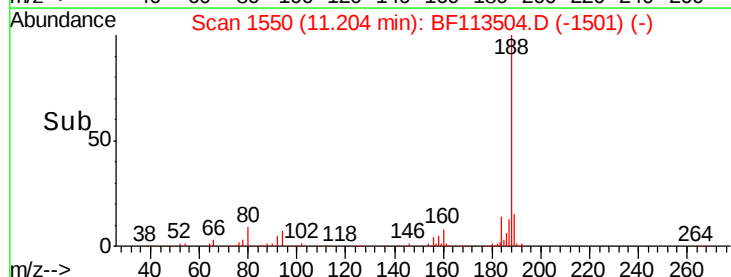
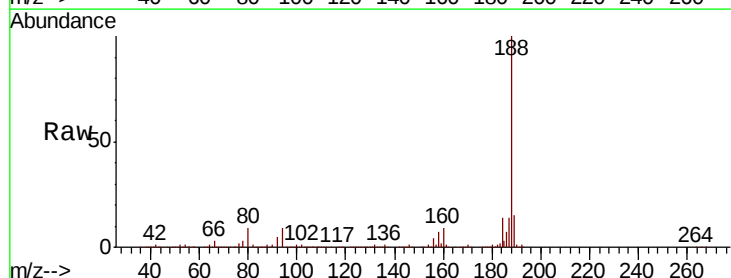
Tgt Ion: 188 Resp: 544667

Ion Ratio Lower Upper

188 100

94 8.6 7.0 10.6

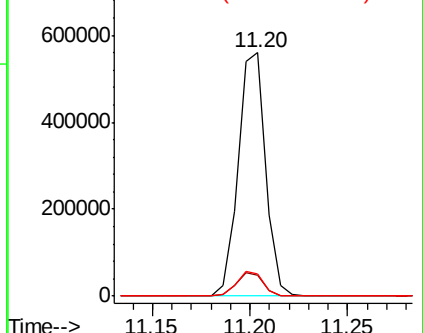
80 9.1 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

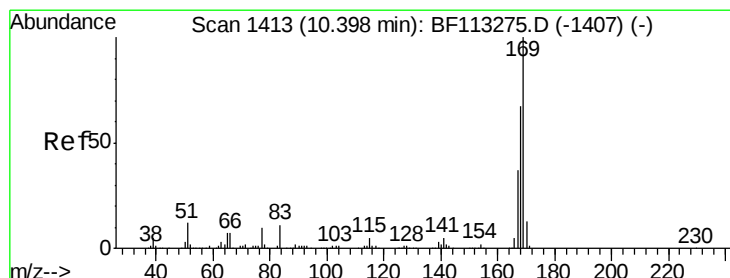
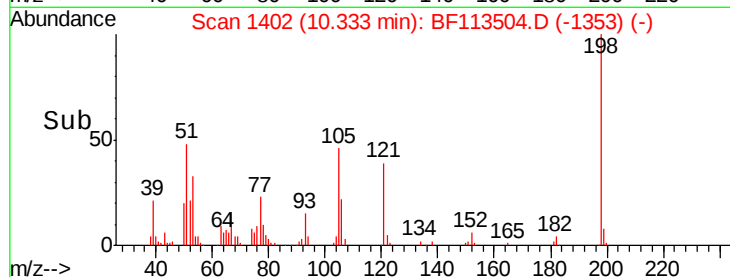
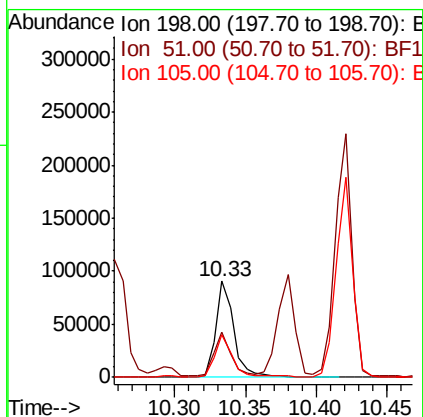
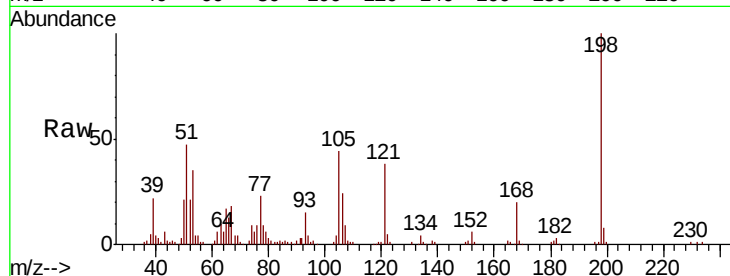




#65
 4,6-Dinitro-2-methylphenol
 Concen: 27.127 ng
 RT: 10.33 min Scan# 1402
 Delta R.T. -0.01 min
 Lab File: BF113504.D
 Acq: 2 Apr 2019 14:30

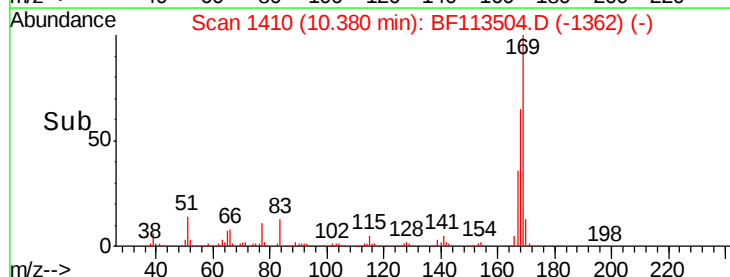
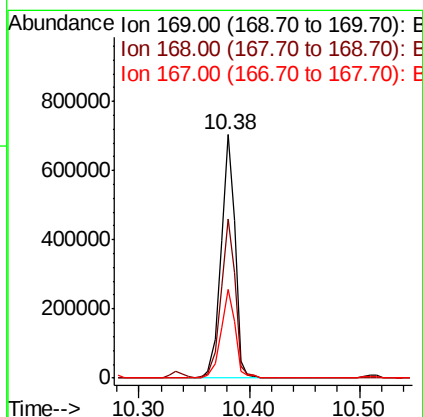
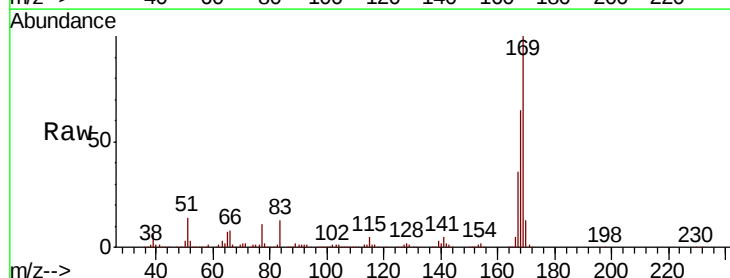
Instrument :
 BNA_F
 ClientSampleId :
 S4B(2-10)MSD

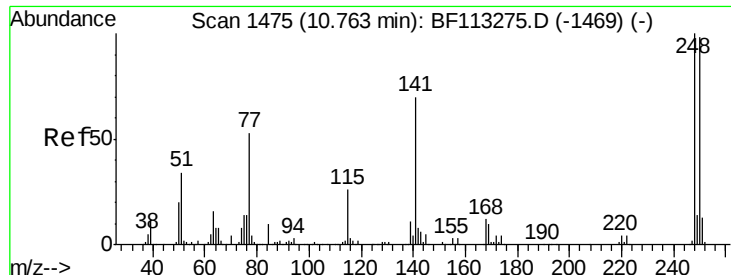
Tgt Ion:198 Resp: 80828
 Ion Ratio Lower Upper
 198 100
 51 47.5 21.6 61.6
 105 43.9 20.6 60.6



#66
 n-Nitrosodiphenylamine
 Concen: 37.156 ng
 RT: 10.38 min Scan# 1410
 Delta R.T. -0.02 min
 Lab File: BF113504.D
 Acq: 2 Apr 2019 14:30

Tgt Ion:169 Resp: 620991
 Ion Ratio Lower Upper
 169 100
 168 65.2 53.7 80.5
 167 36.5 29.5 44.3

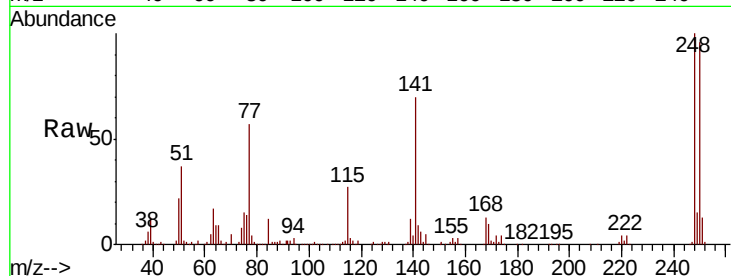




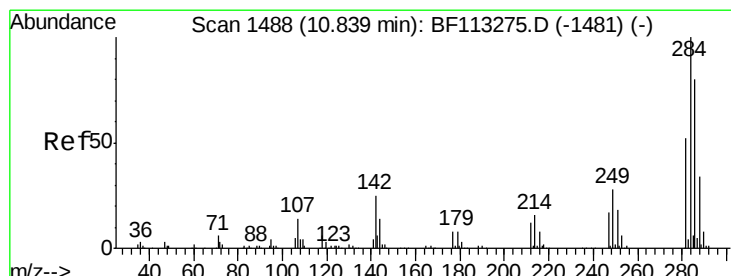
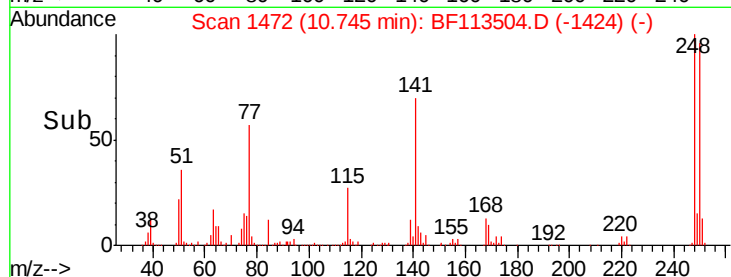
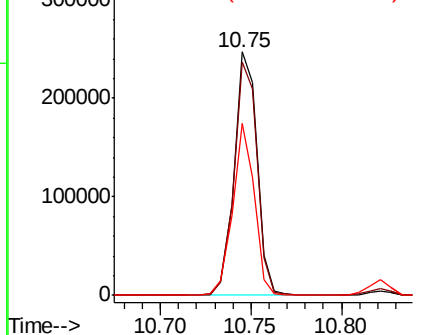
#67
 4-Bromophenyl-phenylether
 Concen: 36.783 ng
 RT: 10.75 min Scan# 1472
 Delta R.T. -0.02 min
 Lab File: BF113504.D
 Acq: 2 Apr 2019 14:30

Instrument :
 BNA_F
 ClientSampleId :
 S4B(2-10)MSD

Tgt Ion:248 Resp: 218360
 Ion Ratio Lower Upper
 248 100
 250 96.0 78.3 117.5
 141 70.4 56.2 84.4

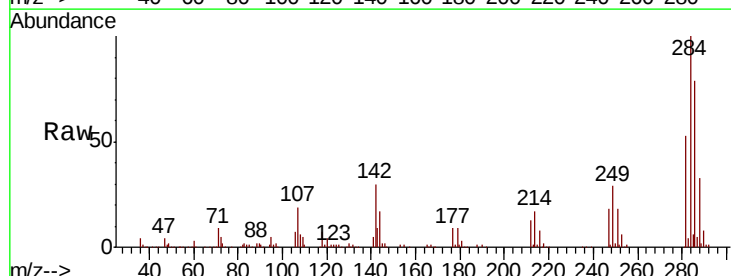


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

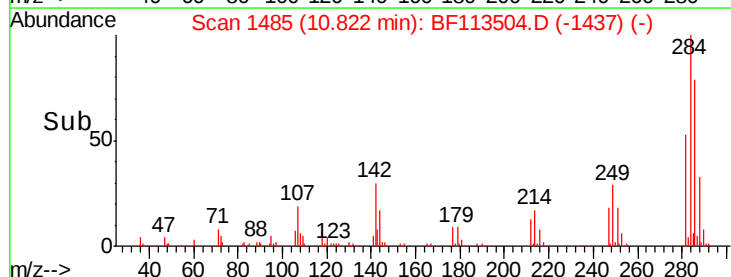
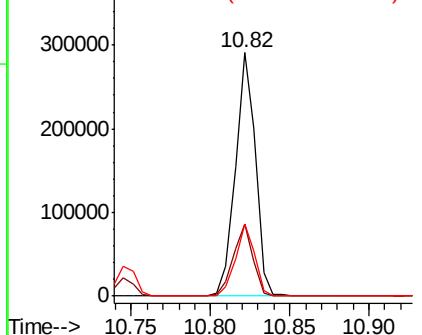


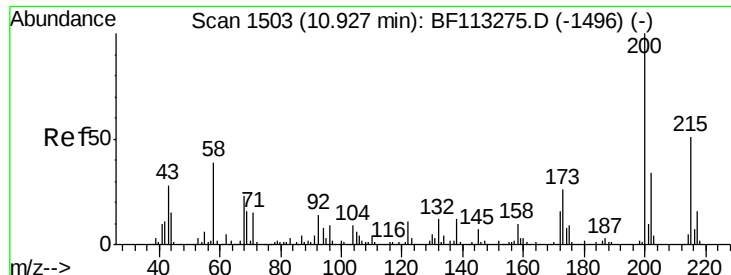
#68
 Hexachlorobenzene
 Concen: 36.941 ng
 RT: 10.82 min Scan# 1485
 Delta R.T. -0.02 min
 Lab File: BF113504.D
 Acq: 2 Apr 2019 14:30

Tgt Ion:284 Resp: 254551
 Ion Ratio Lower Upper
 284 100
 142 29.6 20.1 30.1
 249 29.4 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

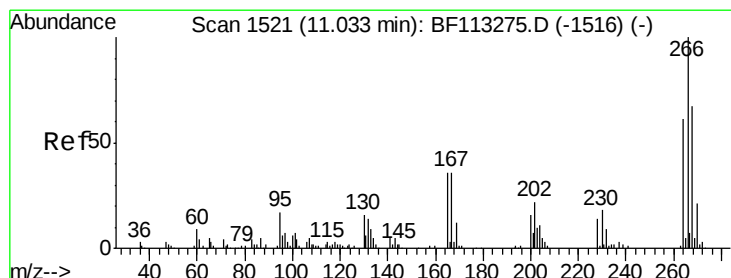
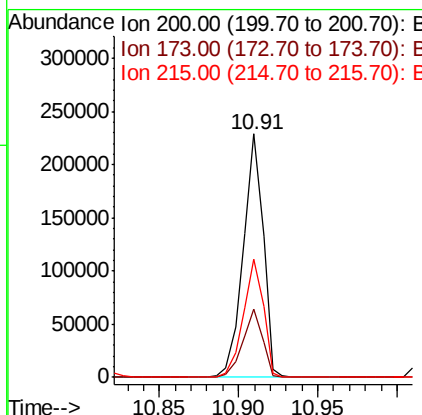
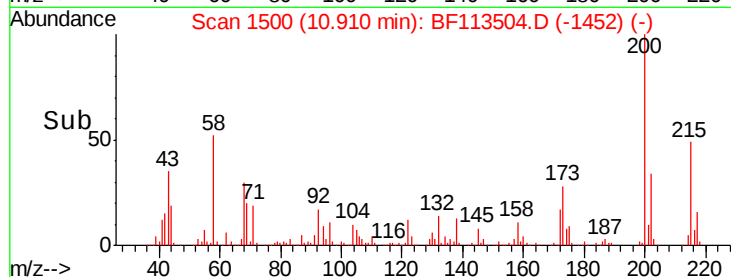
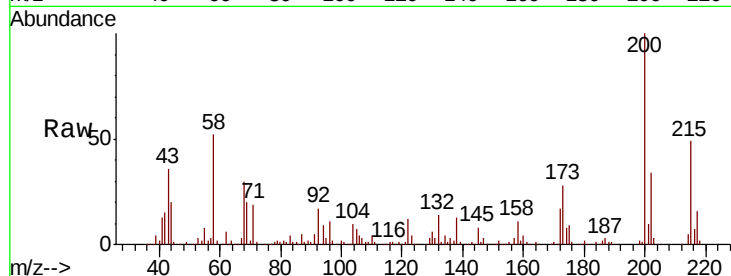




#69
 Atrazine
 Concen: 37.959 ng
 RT: 10.91 min Scan# 1500
 Delta R.T. -0.02 min
 Lab File: BF113504.D
 Acq: 2 Apr 2019 14:30

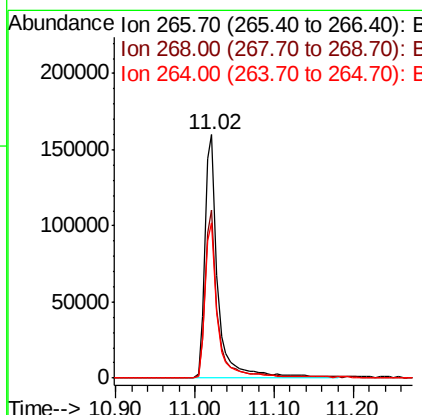
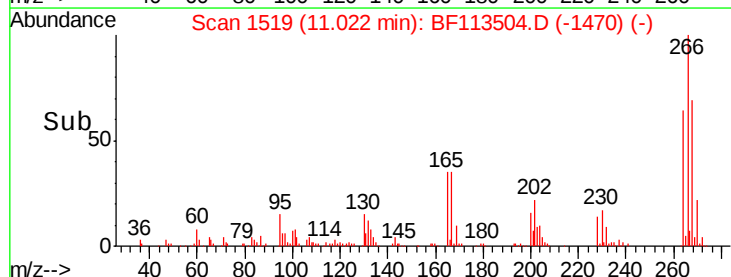
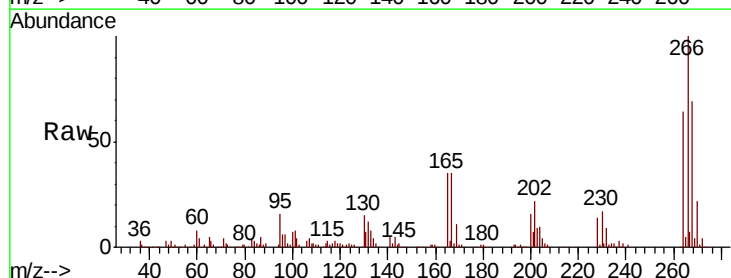
Instrument :
 BNA_F
 ClientSampleId :
 S4B(2-10)MSD

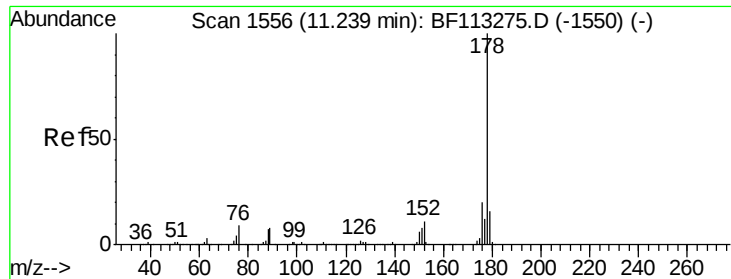
Tgt Ion:200 Resp: 200244
 Ion Ratio Lower Upper
 200 100
 173 27.9 6.0 46.0
 215 48.6 31.3 71.3



#70
 Pentachlorophenol
 Concen: 52.407 ng
 RT: 11.02 min Scan# 1519
 Delta R.T. -0.01 min
 Lab File: BF113504.D
 Acq: 2 Apr 2019 14:30

Tgt Ion:266 Resp: 188144
 Ion Ratio Lower Upper
 266 100
 268 69.3 53.8 80.6
 264 63.8 49.2 73.8

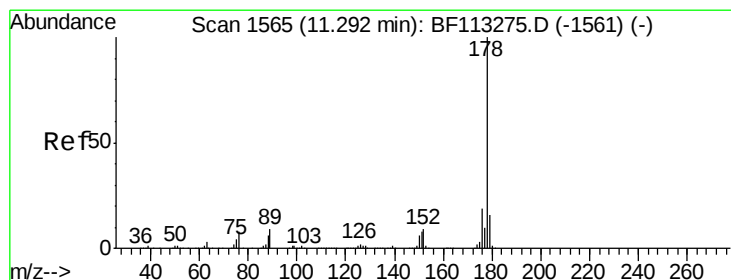
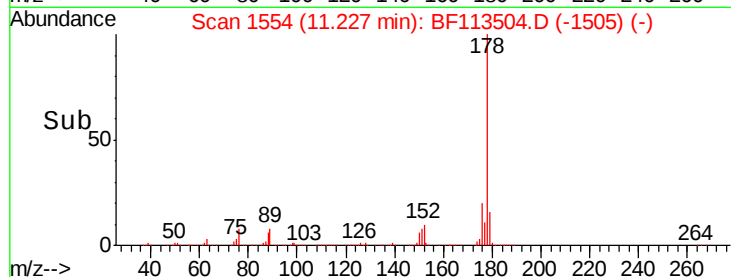
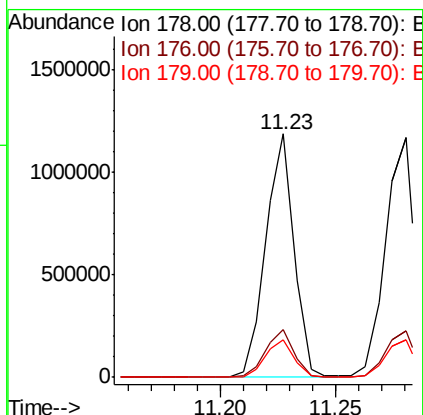
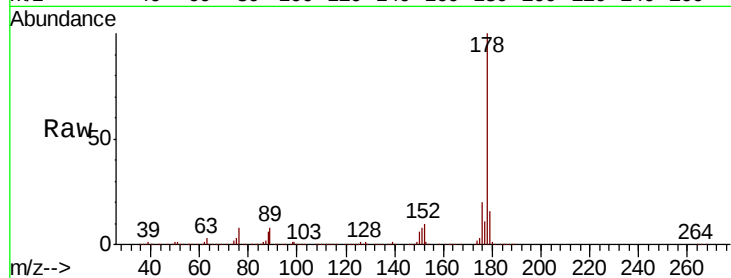




#71
Phenanthrene
Concen: 37.534 ng
RT: 11.23 min Scan# 1554
Delta R.T. -0.01 min
Lab File: BF113504.D
Acq: 2 Apr 2019 14:30

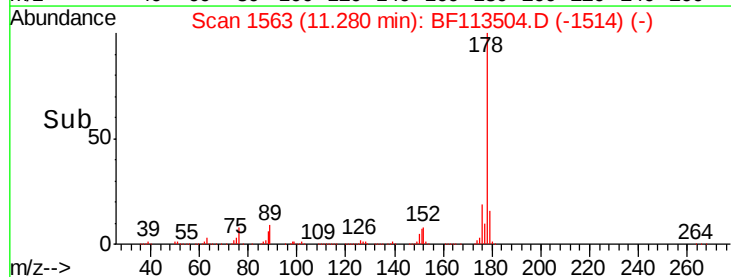
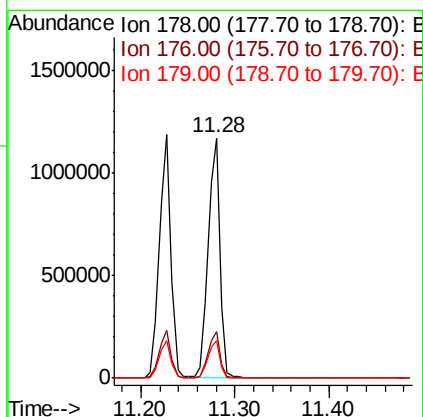
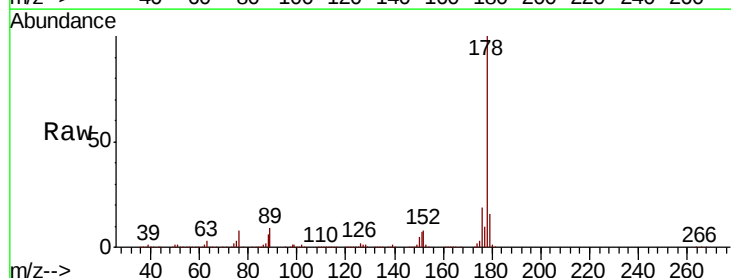
Instrument :
BNA_F
ClientSampleId :
S4B(2-10)MSD

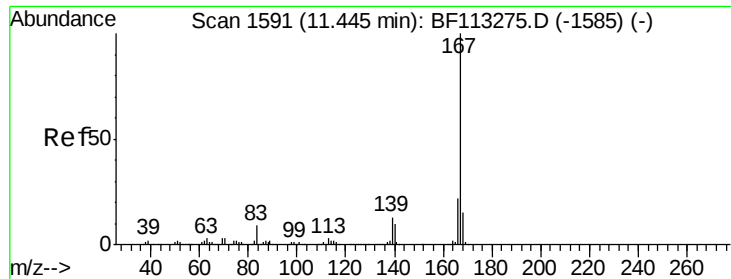
Tgt Ion:178 Resp: 1015232
Ion Ratio Lower Upper
178 100
176 19.9 16.2 24.2
179 15.7 12.7 19.1



#72
Anthracene
Concen: 38.047 ng
RT: 11.28 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BF113504.D
Acq: 2 Apr 2019 14:30

Tgt Ion:178 Resp: 1045303
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.2
179 15.8 12.8 19.2

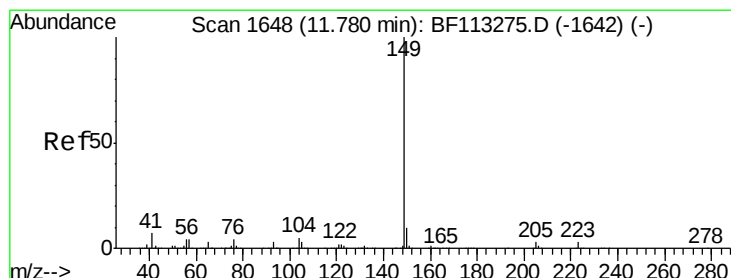
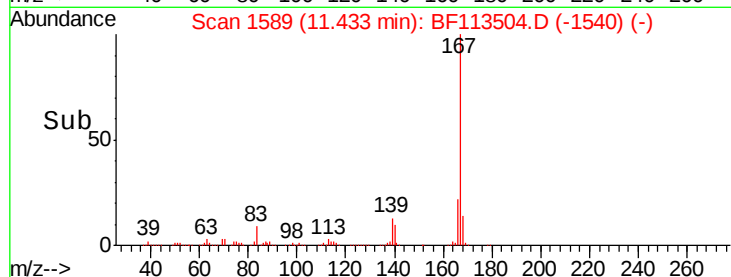
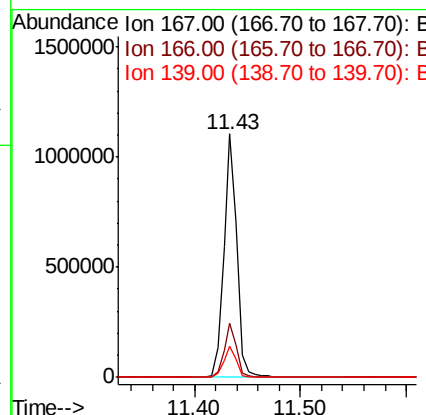
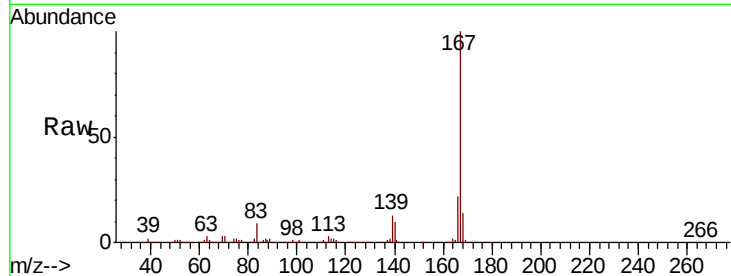




#73
 Carbazole
 Concen: 36.744 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. -0.01 min
 Lab File: BF113504.D
 Acq: 2 Apr 2019 14:30

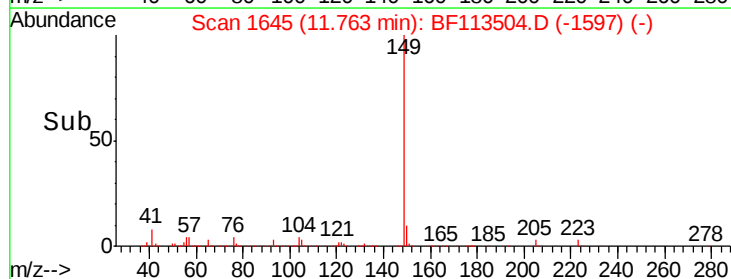
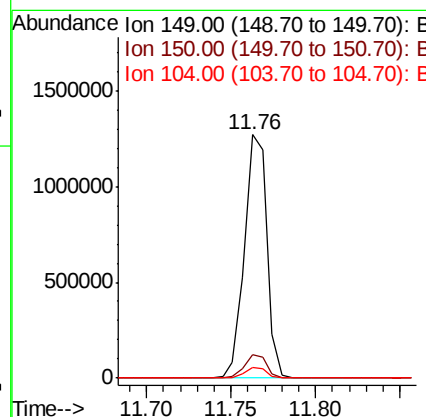
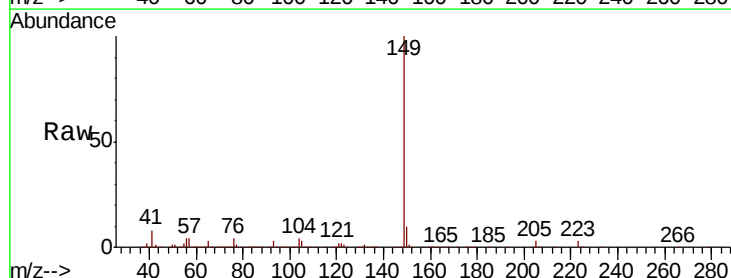
Instrument :
 BNA_F
 ClientSampleId :
 S4B(2-10)MSD

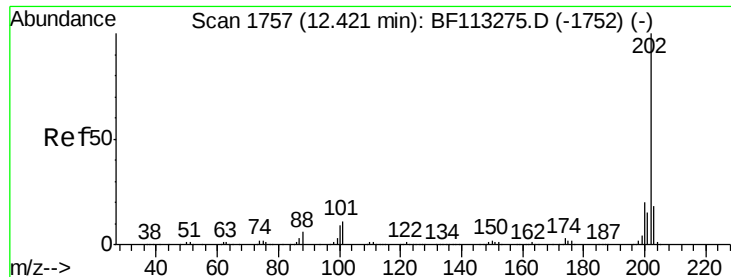
Tgt Ion:167 Resp: 963289
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.4 26.0
 139 12.9 10.4 15.6



#74
 Di-n-butylphthalate
 Concen: 38.542 ng
 RT: 11.76 min Scan# 1645
 Delta R.T. -0.02 min
 Lab File: BF113504.D
 Acq: 2 Apr 2019 14:30

Tgt Ion:149 Resp: 1171710
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.7 11.5
 104 4.4 3.7 5.5





#75

Fluoranthene

Concen: 36.437 ng

RT: 12.41 min Scan# 1755

Delta R.T. -0.01 min

Lab File: BF113504.D

Acq: 2 Apr 2019 14:30

Instrument :

BNA_F

ClientSampleId :

S4B(2-10)MSD

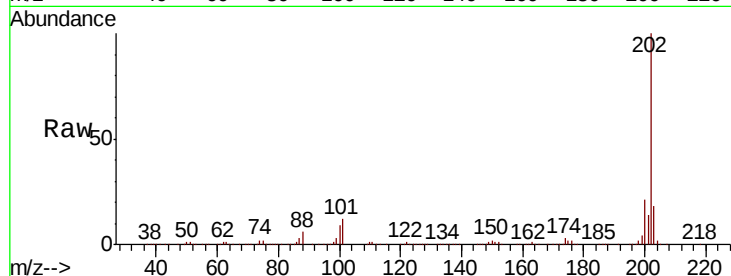
Tgt Ion:202 Resp: 1114164

Ion Ratio Lower Upper

202 100

101 12.0 0.0 31.4

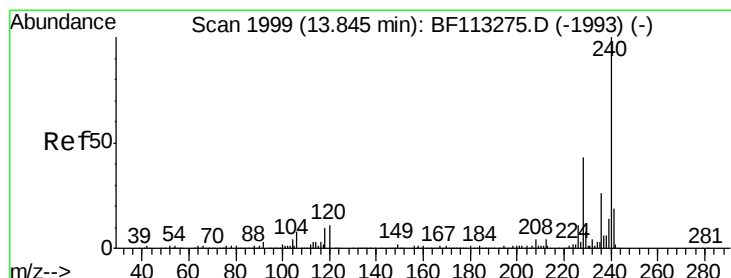
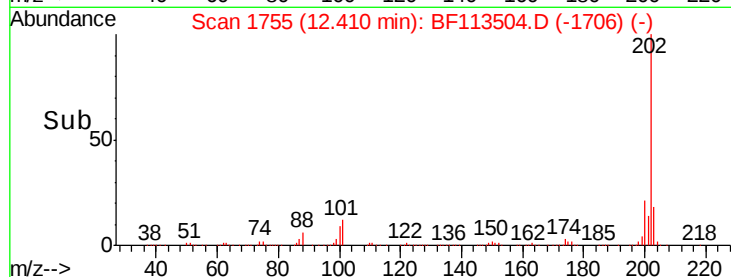
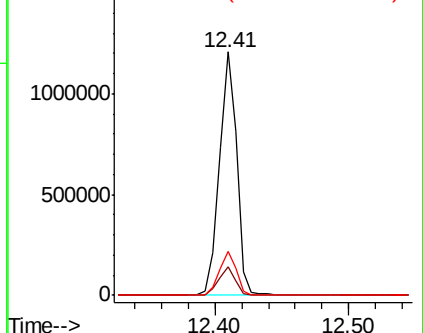
203 18.1 0.0 38.0



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: 13.83 min Scan# 1997

Delta R.T. -0.01 min

Lab File: BF113504.D

Acq: 2 Apr 2019 14:30

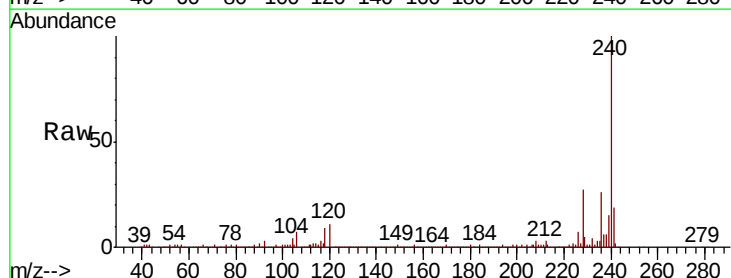
Tgt Ion:240 Resp: 385815

Ion Ratio Lower Upper

240 100

120 11.0 8.8 13.2

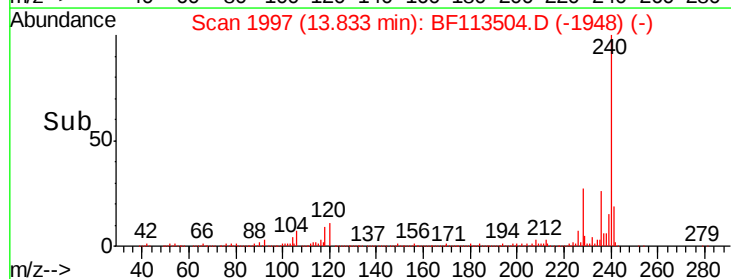
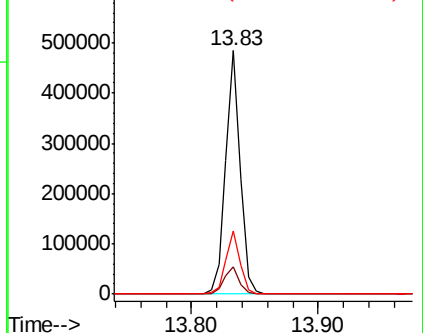
236 25.9 20.9 31.3

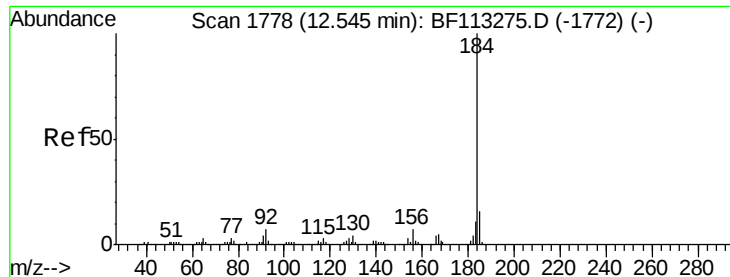


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 12.778 ng

RT: 12.53 min Scan# 1775

Delta R.T. -0.02 min

Lab File: BF113504.D

Acq: 2 Apr 2019 14:30

Instrument :

BNA_F

ClientSampleId :

S4B(2-10)MSD

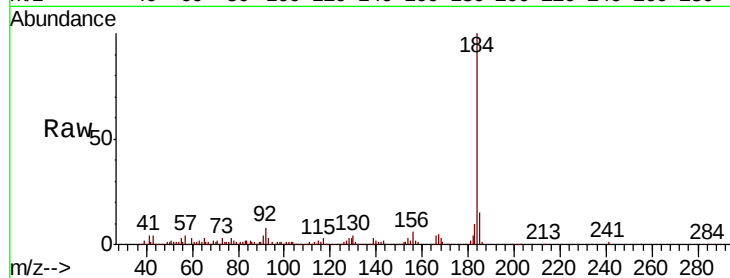
Tgt Ion:184 Resp: 188795

Ion Ratio Lower Upper

184 100

185 15.4 13.0 19.6

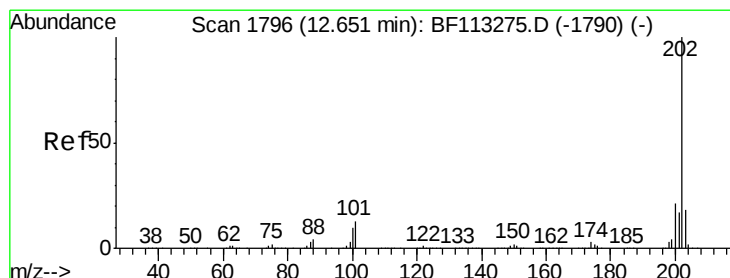
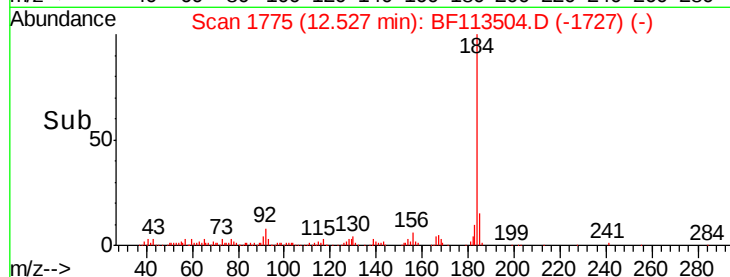
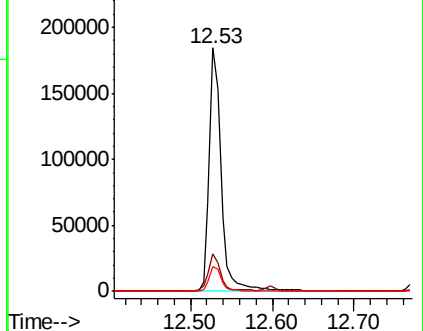
183 10.4 9.0 13.4



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: 41.291 ng

RT: 12.64 min Scan# 1794

Delta R.T. -0.01 min

Lab File: BF113504.D

Acq: 2 Apr 2019 14:30

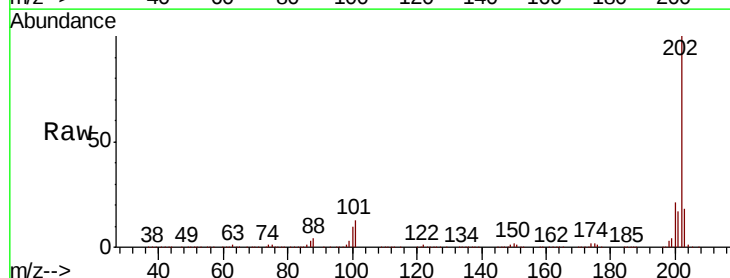
Tgt Ion:202 Resp: 1103948

Ion Ratio Lower Upper

202 100

200 20.8 16.8 25.2

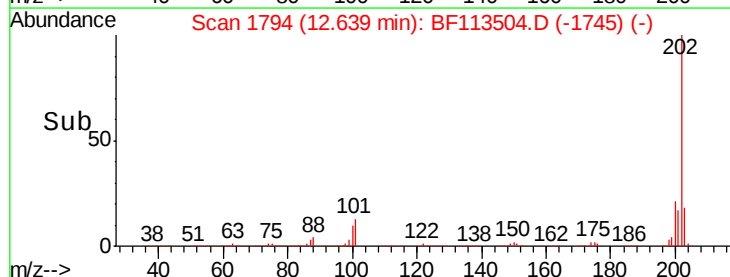
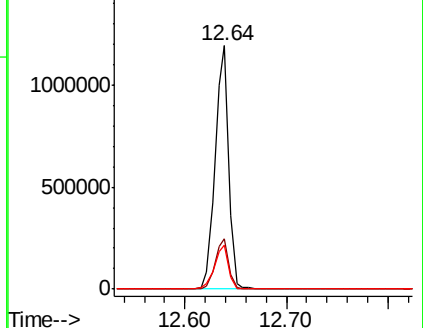
203 17.8 14.4 21.6

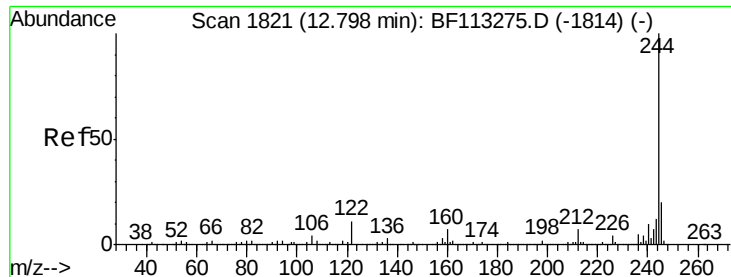


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 83.193 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.02 min

Lab File: BF113504.D

Acq: 2 Apr 2019 14:30

Instrument :

BNA_F

ClientSampleId :

S4B(2-10)MSD

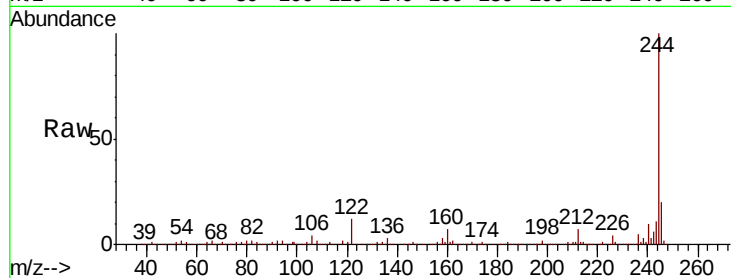
Tgt Ion:244 Resp: 1456194

Ion Ratio Lower Upper

244 100

212 6.7 5.5 8.3

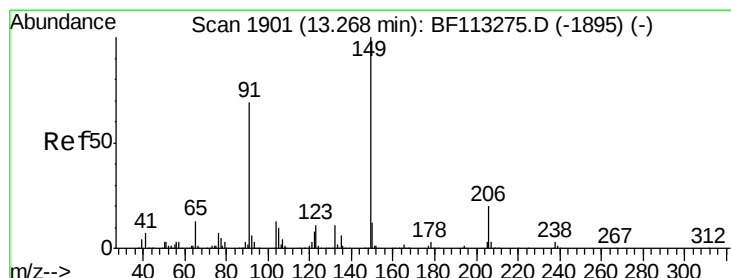
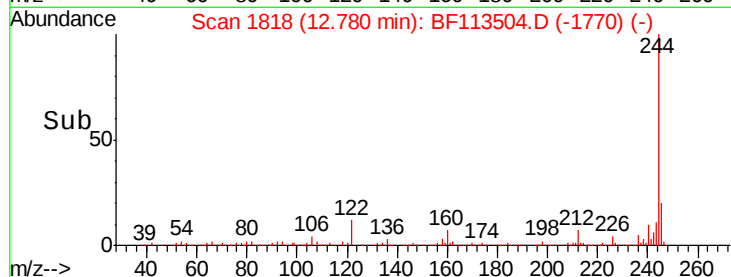
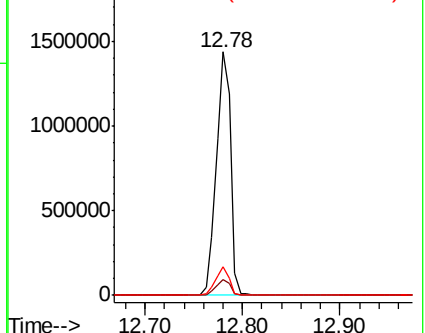
122 11.6 8.6 13.0



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: 40.639 ng

RT: 13.26 min Scan# 1899

Delta R.T. -0.01 min

Lab File: BF113504.D

Acq: 2 Apr 2019 14:30

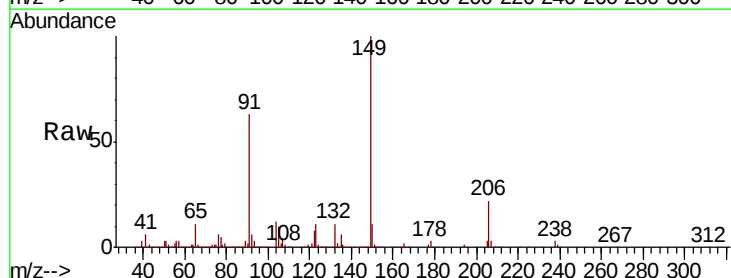
Tgt Ion:149 Resp: 478837

Ion Ratio Lower Upper

149 100

91 63.4 55.2 82.8

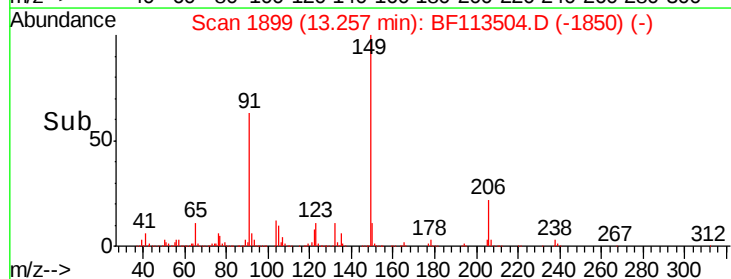
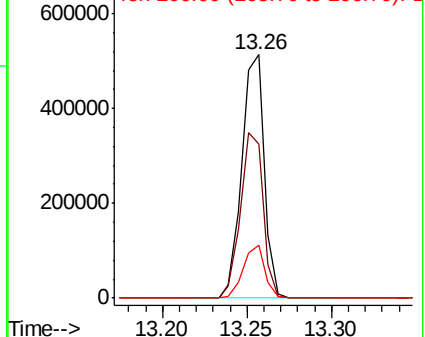
206 21.9 16.1 24.1

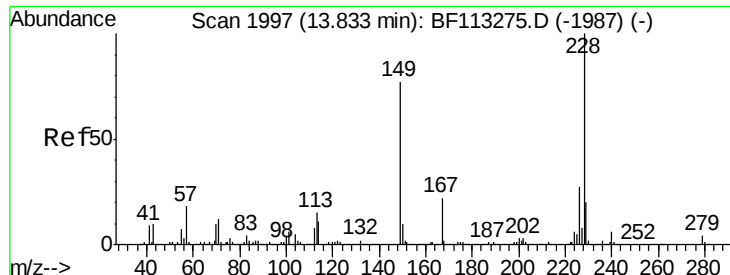


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 35.897 ng

RT: 13.82 min Scan# 1995

Delta R.T. -0.01 min

Lab File: BF113504.D

Acq: 2 Apr 2019 14:30

Instrument :

BNA_F

ClientSampleId :

S4B(2-10)MSD

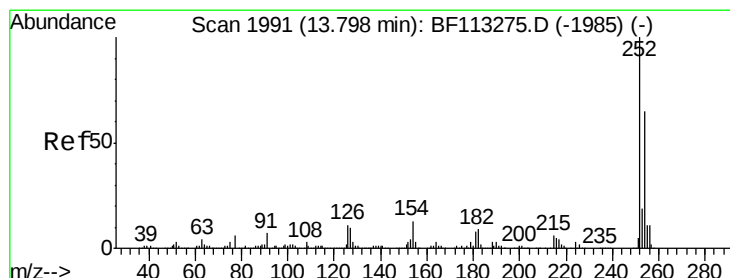
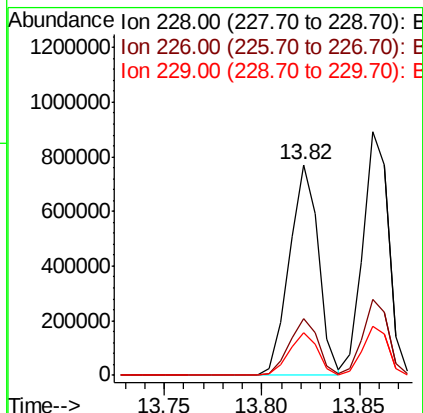
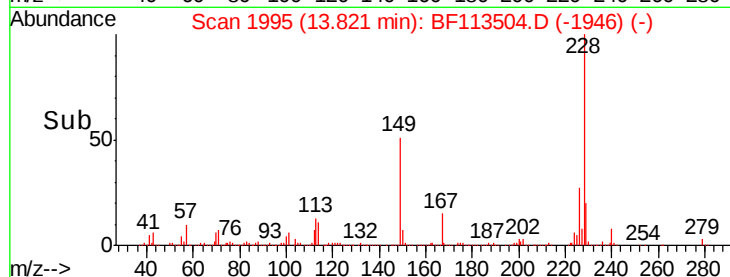
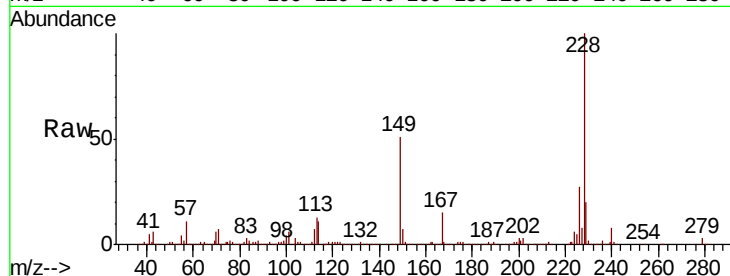
Tgt Ion:228 Resp: 792776

Ion Ratio Lower Upper

228 100

226 27.2 21.8 32.8

229 20.2 16.2 24.4



#82

3,3'-Dichlorobenzidine

Concen: 17.020 ng

RT: 13.78 min Scan# 1988

Delta R.T. -0.02 min

Lab File: BF113504.D

Acq: 2 Apr 2019 14:30

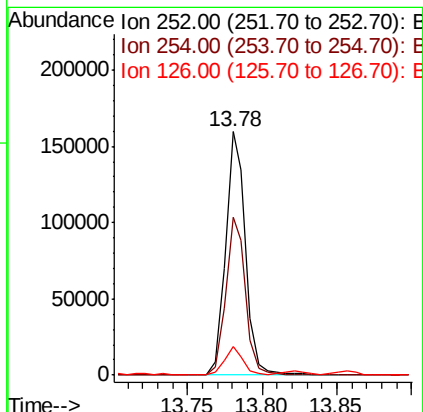
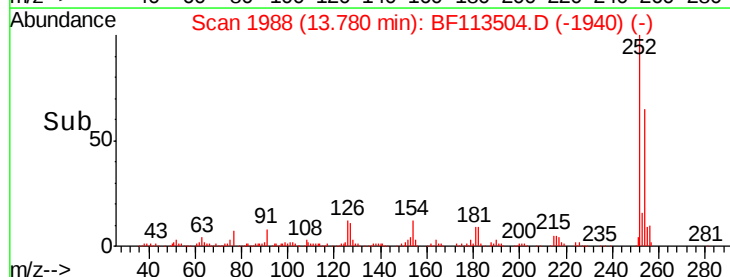
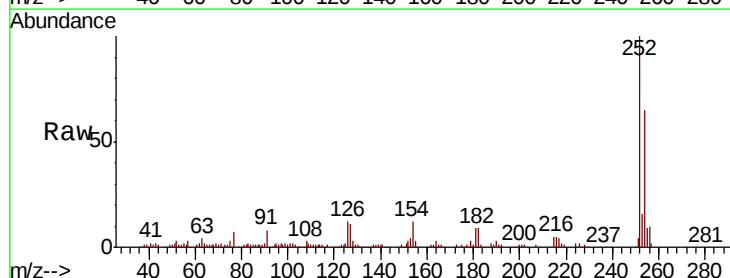
Tgt Ion:252 Resp: 150796

Ion Ratio Lower Upper

252 100

254 64.9 52.2 78.2

126 11.6 8.5 12.7

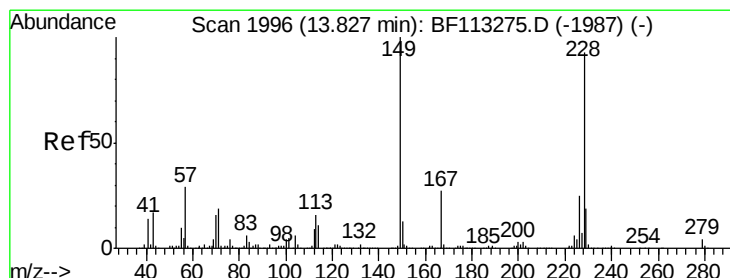
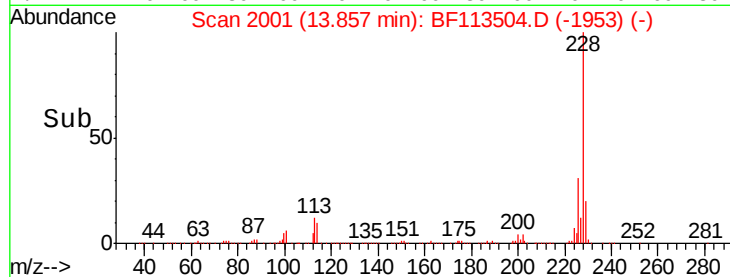
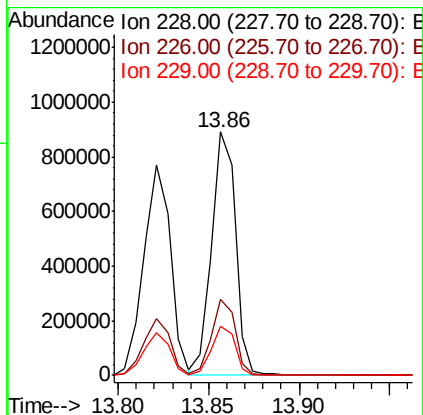




#83
Chrysene
Concen: 36.510 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.02 min
Lab File: BF113504.D
Acq: 2 Apr 2019 14:30

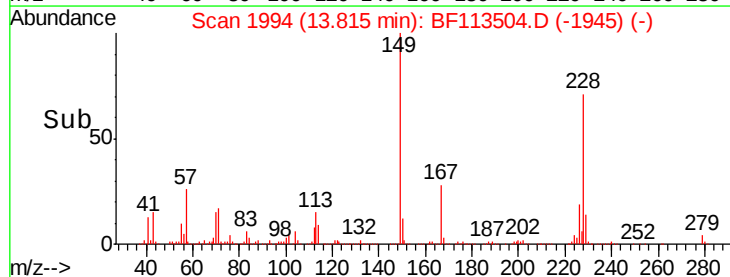
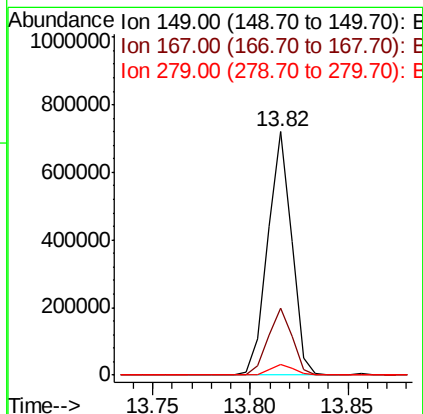
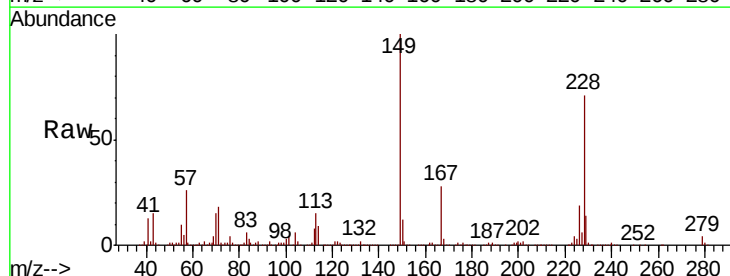
Instrument :
BNA_F
ClientSampleId :
S4B(2-10)MSD

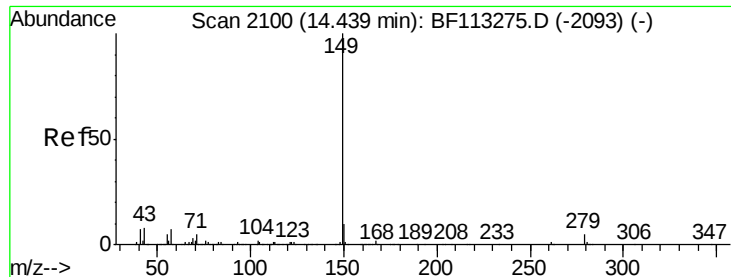
Tgt Ion:228 Resp: 818995
Ion Ratio Lower Upper
228 100
226 31.0 24.3 36.5
229 20.2 16.3 24.5



#84
Bis(2-ethylhexyl)phthalate
Concen: 42.244 ng
RT: 13.82 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BF113504.D
Acq: 2 Apr 2019 14:30

Tgt Ion:149 Resp: 610191
Ion Ratio Lower Upper
149 100
167 27.7 21.8 32.8
279 4.1 2.9 4.3

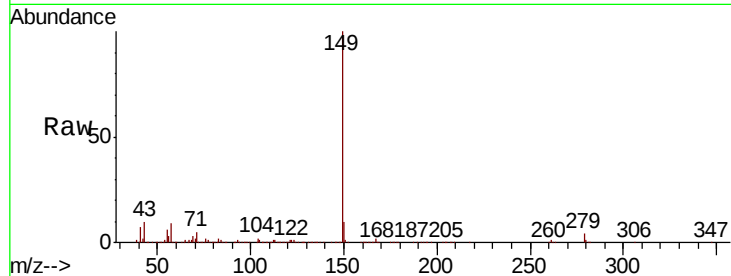




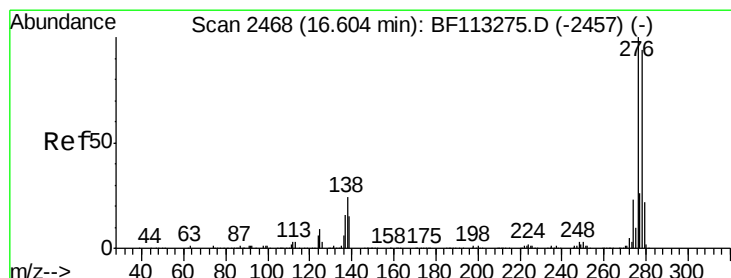
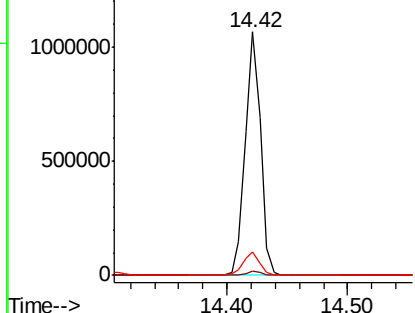
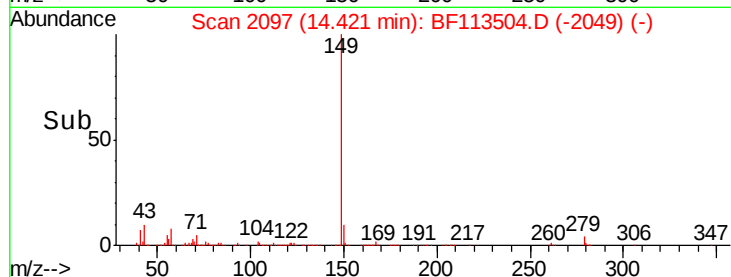
#85
Di-n-octyl phthalate
Concen: 38.790 ng
RT: 14.42 min Scan# 2097
Delta R.T. -0.02 min
Lab File: BF113504.D
Acq: 2 Apr 2019 14:30

Instrument :
BNA_F
ClientSampleId :
S4B(2-10)MSD

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	9.4	7.7	11.5

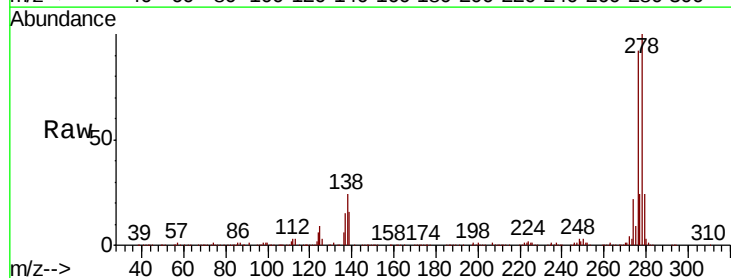


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

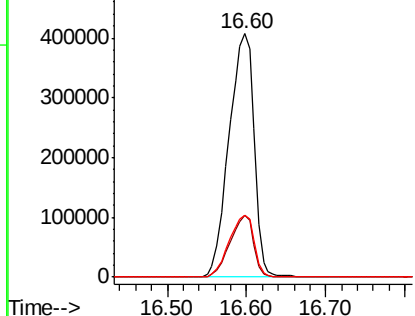
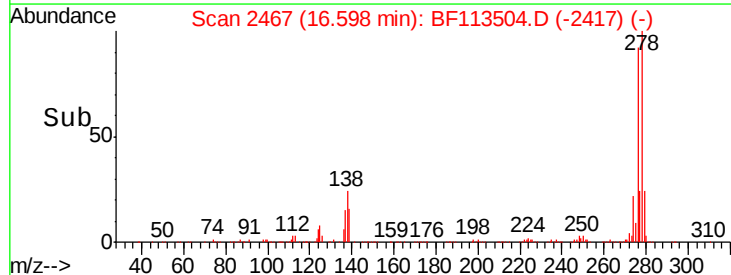


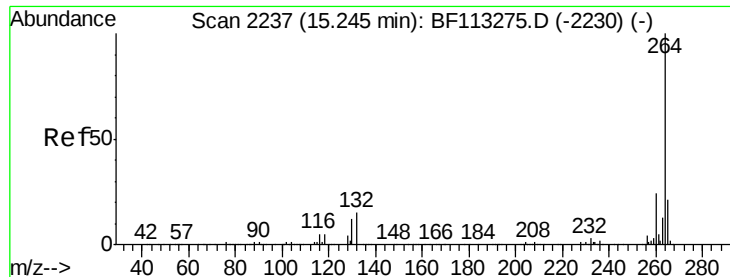
#86
Indeno(1,2,3-cd)pyrene
Concen: 46.485 ng
RT: 16.60 min Scan# 2467
Delta R.T. -0.01 min
Lab File: BF113504.D
Acq: 2 Apr 2019 14:30

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.8	18.1	27.1
277	25.3	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



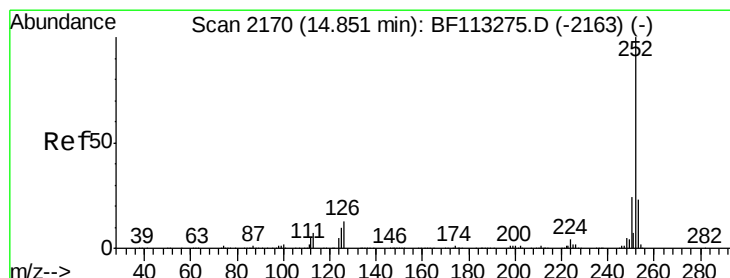
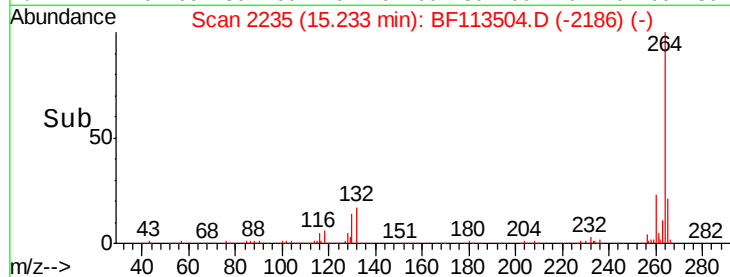
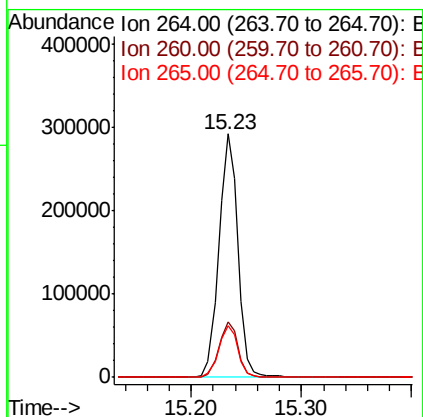
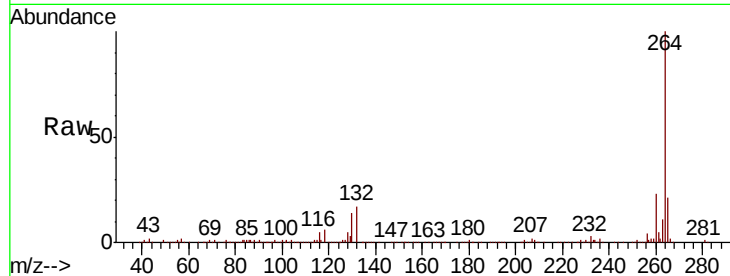


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.01 min
Lab File: BF113504.D
Acq: 2 Apr 2019 14:30

Instrument :
BNA_F
ClientSampleId :
S4B(2-10)MSD

Tgt Ion: 264 Resp: 348885

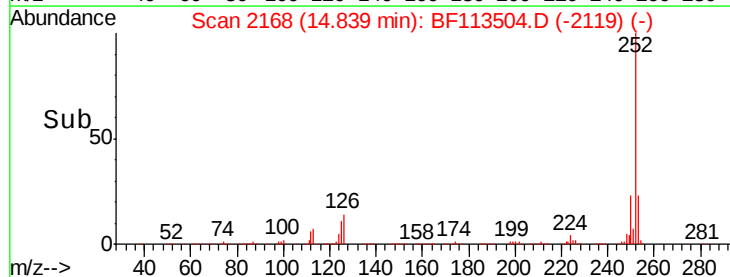
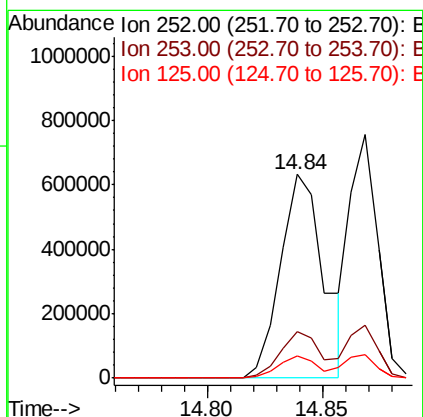
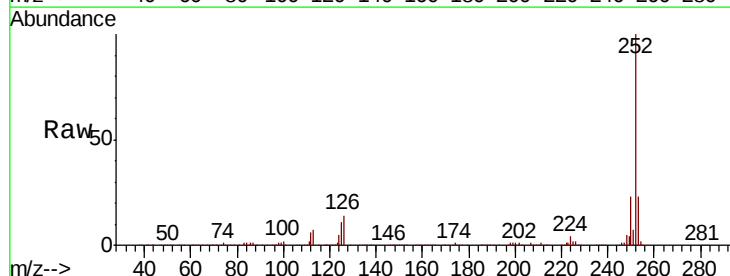
Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.1	28.7
265	21.4	17.1	25.7

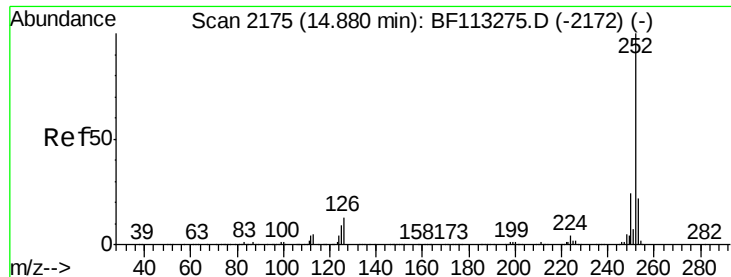


#88
Benzo(b)fluoranthene
Concen: 37.971 ng
RT: 14.84 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BF113504.D
Acq: 2 Apr 2019 14:30

Tgt Ion: 252 Resp: 822939

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.0	27.0
125	10.7	7.6	11.4

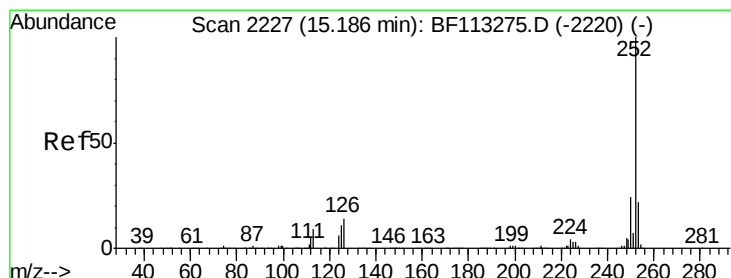
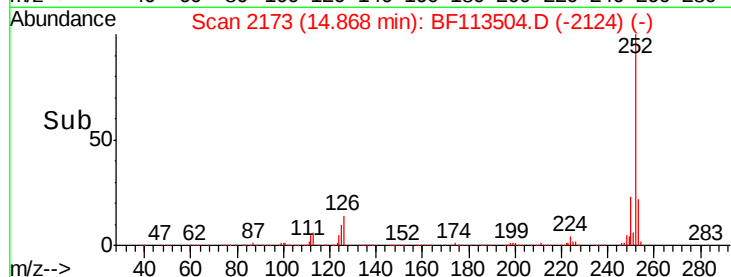
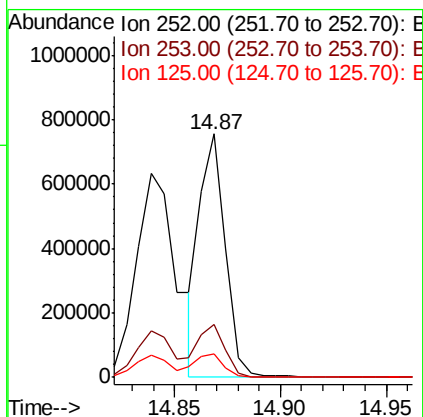
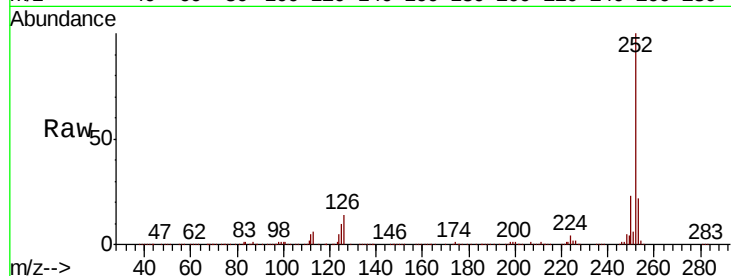




#89
Benzo(k)fluoranthene
Concen: 33.646 ng
RT: 14.87 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BF113504.D
Acq: 2 Apr 2019 14:30

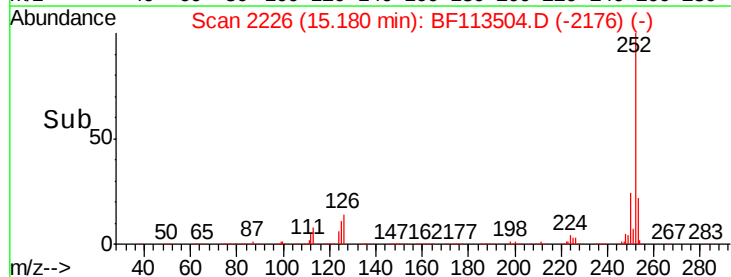
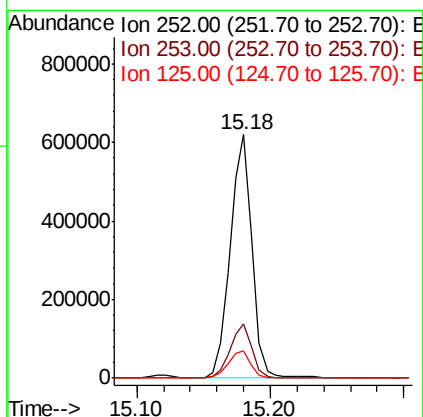
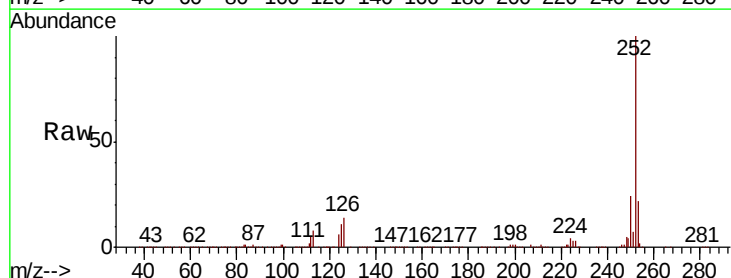
Instrument :
BNA_F
ClientSampleId :
S4B(2-10)MSD

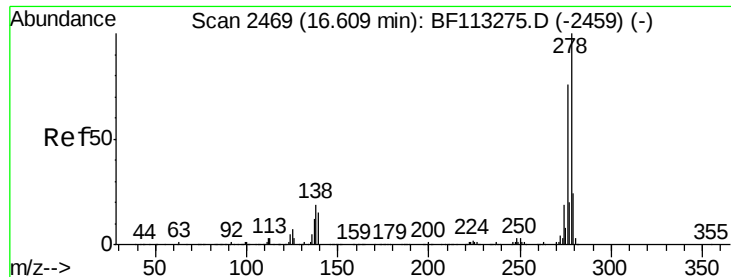
Tgt Ion:252 Resp: 640361
Ion Ratio Lower Upper
252 100
253 21.7 17.7 26.5
125 9.6 7.3 10.9



#90
Benzo(a)pyrene
Concen: 36.805 ng
RT: 15.18 min Scan# 2226
Delta R.T. -0.01 min
Lab File: BF113504.D
Acq: 2 Apr 2019 14:30

Tgt Ion:252 Resp: 707149
Ion Ratio Lower Upper
252 100
253 22.3 17.9 26.9
125 11.0 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 45.034 ng

RT: 16.60 min Scan# 2468

Delta R.T. -0.01 min

Lab File: BF113504.D

Acq: 2 Apr 2019 14:30

Instrument :

BNA_F

ClientSampleId :

S4B(2-10)MSD

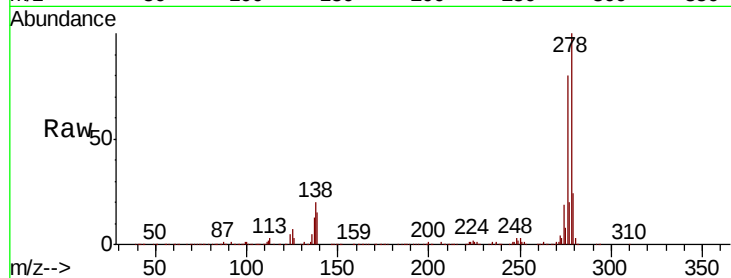
Tgt Ion:278 Resp: 748162

Ion Ratio Lower Upper

278 100

139 14.7 12.0 18.0

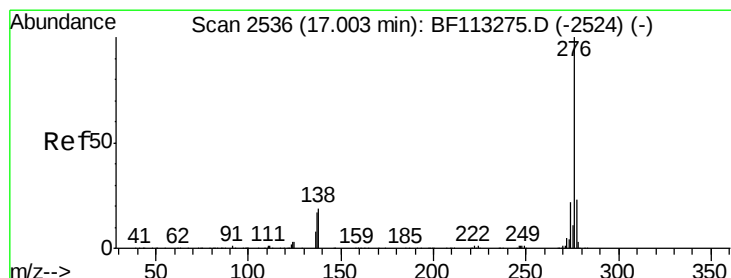
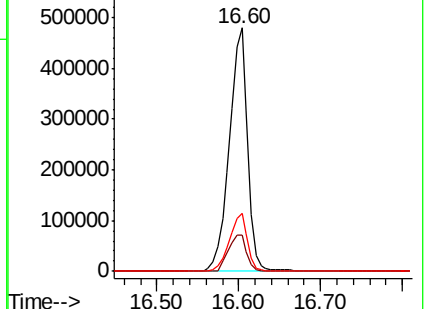
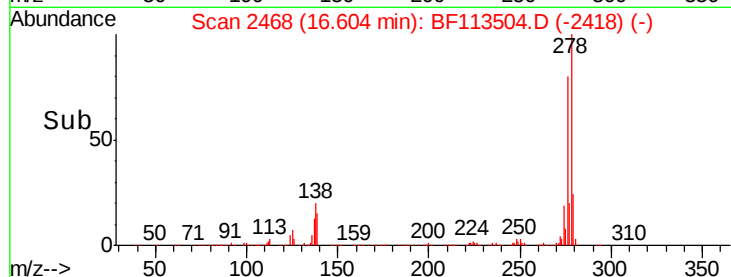
279 23.7 19.0 28.6



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: 47.170 ng

RT: 17.00 min Scan# 2535

Delta R.T. -0.01 min

Lab File: BF113504.D

Acq: 2 Apr 2019 14:30

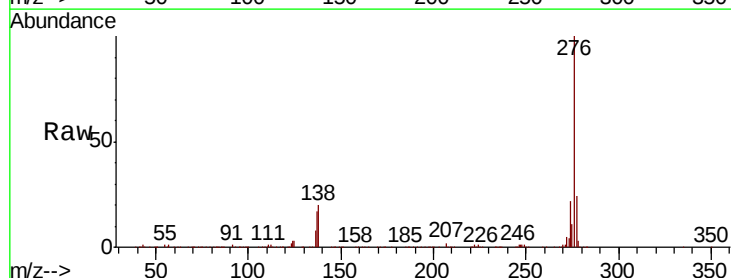
Tgt Ion:276 Resp: 790134

Ion Ratio Lower Upper

276 100

277 23.8 18.8 28.2

138 19.9 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

