

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040119\
 Data File : BF113461.D
 Acq On : 1 Apr 2019 12:36
 Operator : JU/SJ
 Sample : PB118222BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 01 18:02:03 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 01 14:33:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	152352	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	596322	20.00	ng	0.00
39) Acenaphthene-d10	9.75	164	318634	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	696200	20.00	ng	0.00
76) Chrysene-d12	13.85	240	512445	20.00	ng	0.00
87) Perylene-d12	15.26	264	417771	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	1074309	115.30	ng	0.02
7) Phenol-d6	6.36	99	1367434	116.01	ng	0.00
23) Nitrobenzene-d5	7.27	82	879587	87.55	ng	0.00
42) 2,4,6-Tribromophenol	10.53	330	498539	126.67	ng	0.00
45) 2-Fluorobiphenyl	9.07	172	1702737	83.43	ng	0.00
79) Terphenyl-d14	12.80	244	2121556	91.25	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.45	88	164012	34.694	ng	97
3) Pyridine	3.16	79	411767	35.332	ng	95
4) n-Nitrosodimethylamine	3.09	42	173828	33.552	ng	100
6) Aniline	6.37	93	409963	28.561	ng	# 78
8) 2-Chlorophenol	6.50	128	408141	37.721	ng	100
9) Benzaldehyde	6.26	77	282203	35.678	ng	99
10) Phenol	6.37	94	497454	36.967	ng	90
11) bis(2-Chloroethyl)ether	6.45	93	386388	37.459	ng	98
12) 1,3-Dichlorobenzene	6.65	146	430056	36.873	ng	99
13) 1,4-Dichlorobenzene	6.73	146	436106	38.726	ng	99
14) 1,2-Dichlorobenzene	6.88	146	403975	36.464	ng	99
15) Benzyl Alcohol	6.86	79	314047	40.386	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.99	45	615812	39.740	ng	97
17) 2-Methylphenol	6.98	107	338898	39.967	ng	97
18) Hexachloroethane	7.22	117	155494	38.444	ng	97
19) n-Nitroso-di-n-propylamine	7.13	70	283516	38.293	ng	99
20) 3+4-Methylphenols	7.13	107	432330	44.266	ng	90
22) Acetophenone	7.12	105	560449	41.211	ng	# 100
24) Nitrobenzene	7.29	77	427881	40.813	ng	98
25) Isophorone	7.53	82	816282	41.924	ng	99
26) 2-Nitrophenol	7.61	139	231926	41.852	ng	95
27) 2,4-Dimethylphenol	7.66	122	389710	48.887	ng	98
28) bis(2-Chloroethoxy)methane	7.75	93	522942	42.650	ng	99
29) 2,4-Dichlorophenol	7.86	162	379098	43.884	ng	98
30) 1,2,4-Trichlorobenzene	7.94	180	385742	41.388	ng	99
31) Naphthalene	8.02	128	1200117	41.183	ng	99
32) Benzoic acid	7.81	122	246302	38.384	ng	99
33) 4-Chloroaniline	8.07	127	275834	24.274	ng	97
34) Hexachlorobutadiene	8.13	225	224739	40.571	ng	98
35) Caprolactam	8.45	113	80048	28.872	ng	99
36) 4-Chloro-3-methylphenol	8.56	107	396008	45.577	ng	100
37) 2-Methylnaphthalene	8.70	142	832712	45.796	ng	98
38) 1-Methylnaphthalene	8.80	142	780565	44.631	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.87	216	391772	38.304	ng	99

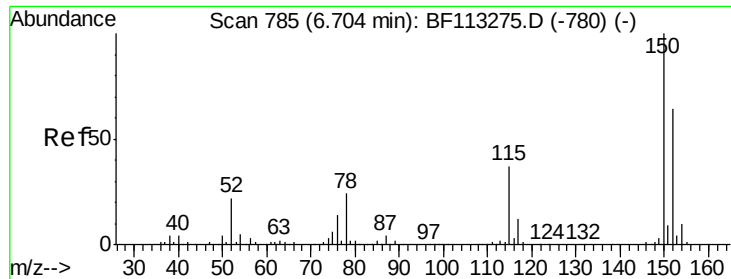
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040119\
 Data File : BF113461.D
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 QLast Update : Mon Apr 01 14:33:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.86	237	309984	71.602	ng	99
43) 2,4,6-Trichlorophenol	8.99	196	271701	40.793	ng	99
44) 2,4,5-Trichlorophenol	9.04	196	297624	40.377	ng	98
46) 1,1'-Biphenyl	9.17	154	1047472	39.361	ng	99
47) 2-Chloronaphthalene	9.19	162	794707	38.785	ng	99
48) 2-Nitroaniline	9.29	65	256404	39.875	ng	98
49) Acenaphthylene	9.60	152	1280221	38.642	ng	100
50) Dimethylphthalate	9.47	163	999177	42.314	ng	100
51) 2,6-Dinitrotoluene	9.53	165	220427	41.378	ng	89
52) Acenaphthene	9.78	154	741311	39.733	ng	100
53) 3-Nitroaniline	9.70	138	150461	25.046	ng	93
54) 2,4-Dinitrophenol	9.82	184	199855	75.431	ng	98
55) Dibenzofuran	9.95	168	1105832	39.426	ng	100
56) 4-Nitrophenol	9.89	139	312499	72.964	ng	91
57) 2,4-Dinitrotoluene	9.95	165	283171	41.800	ng	97
58) Fluorene	10.29	166	879683	40.372	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.07	232	289018	46.367	ng	100
60) Diethylphthalate	10.17	149	1029022	44.422	ng	100
61) 4-Chlorophenyl-phenylether	10.28	204	448575	42.240	ng	99
62) 4-Nitroaniline	10.32	138	257878	41.692	ng	99
63) Azobenzene	10.45	77	912049	41.827	ng	99
65) 4,6-Dinitro-2-methylphenol	10.36	198	131805	34.608	ng	99
66) n-Nitrosodiphenylamine	10.40	169	844344	39.523	ng	99
67) 4-Bromophenyl-phenylether	10.77	248	300147	39.555	ng	97
68) Hexachlorobenzene	10.85	284	352523	40.024	ng	98
69) Atrazine	10.93	200	269619	39.985	ng	99
70) Pentachlorophenol	11.04	266	363388	79.189	ng	98
71) Phenanthrene	11.25	178	1371604	39.672	ng	100
72) Anthracene	11.30	178	1457030	41.490	ng	100
73) Carbazole	11.46	167	1387026	41.392	ng	99
74) Di-n-butylphthalate	11.79	149	1697612	43.686	ng	100
75) Fluoranthene	12.43	202	1524765	39.012	ng	99
77) Benzidine	12.55	184	850836	43.357	ng	99
78) Pyrene	12.66	202	1535902	43.252	ng	100
80) Butylbenzylphthalate	13.27	149	707793	45.227	ng	99
81) Benzo(a)anthracene	13.84	228	1143100	38.969	ng	100
82) 3,3'-Dichlorobenzidine	13.80	252	340774	28.959	ng	100
83) Chrysene	13.88	228	1171481	39.319	ng	100
84) Bis(2-ethylhexyl)phthalate	13.83	149	908323	47.345	ng	99
85) Di-n-octyl phthalate	14.44	149	1493417	45.859	ng	100
86) Indeno(1,2,3-cd)pyrene	16.63	276	1006810	39.374	ng	100
88) Benzo(b)fluoranthene	14.86	252	1108440	42.711	ng	99
89) Benzo(k)fluoranthene	14.89	252	939919	41.242	ng	98
90) Benzo(a)pyrene	15.20	252	966751	42.019	ng	99
91) Dibenzo(a,h)anthracene	16.63	278	854441	42.951	ng	99
92) Benzo(g,h,i)perylene	17.03	276	838292	41.793	ng	98

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

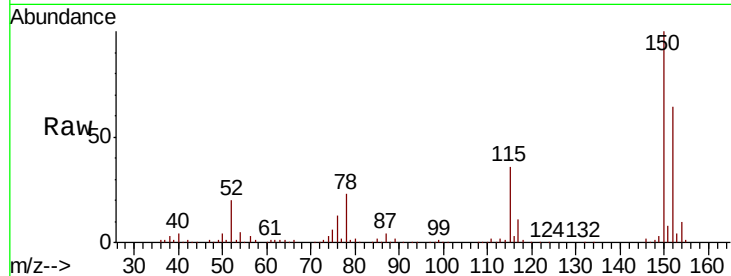


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF113461.D
Acq: 1 Apr 2019 12:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	123.6	185.4
115	56.6	45.8	68.6

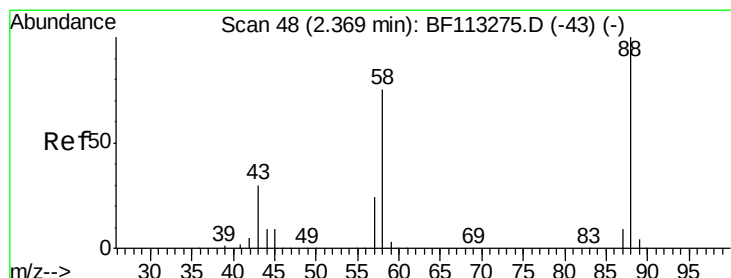
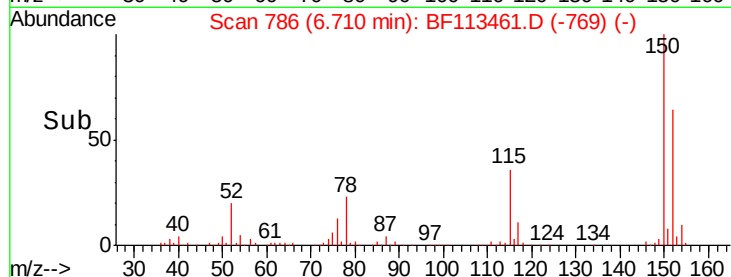
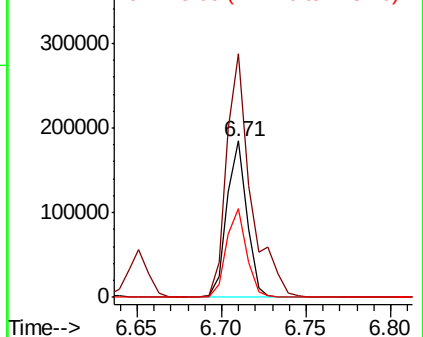


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

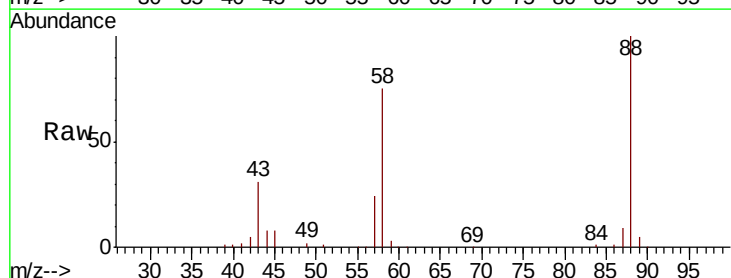
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 34.694 ng
RT: 2.45 min Scan# 62
Delta R.T. 0.10 min
Lab File: BF113461.D
Acq: 1 Apr 2019 12:36

Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.9	62.7	94.1
43	27.7	23.2	34.8

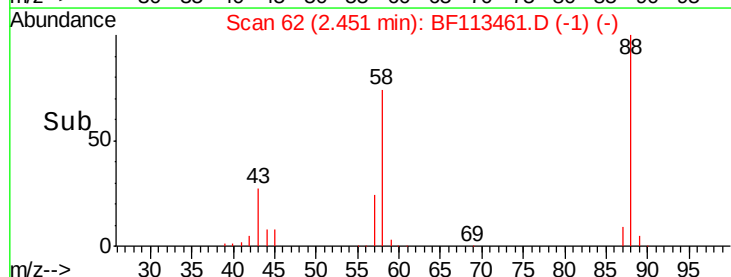
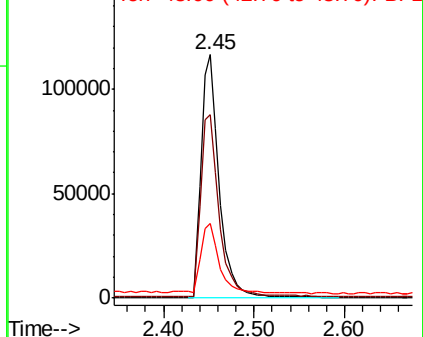


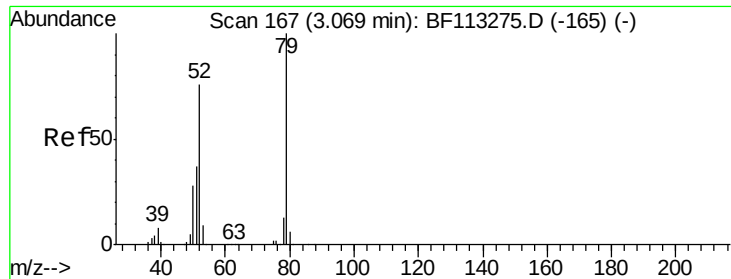
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 35.332 ng

RT: 3.16 min Scan# 183

Delta R.T. 0.11 min

Lab File: BF113461.D

Acq: 1 Apr 2019 12:36

Instrument :

BNA_F

ClientSampleId :

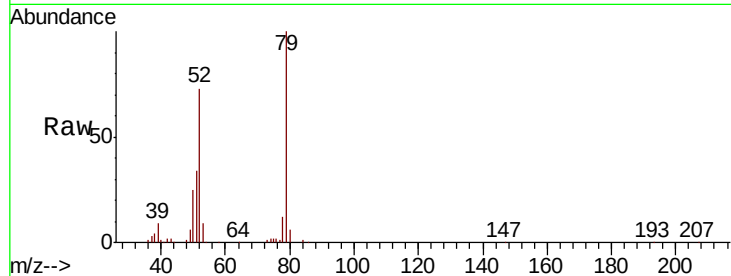
Tot Ion: 79 Resp: 411767

Ion Ratio Lower Upper

79 100

52 72.8 61.4 92.2

51 34.2 29.4 44.2



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

150000

100000

50000

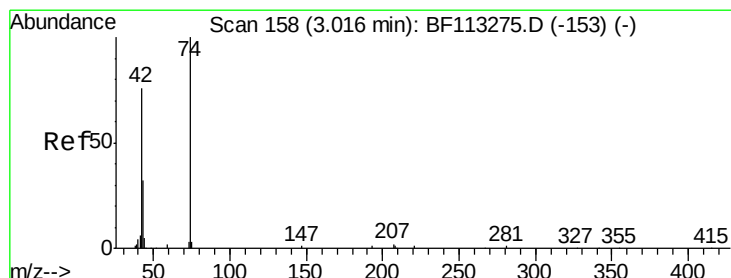
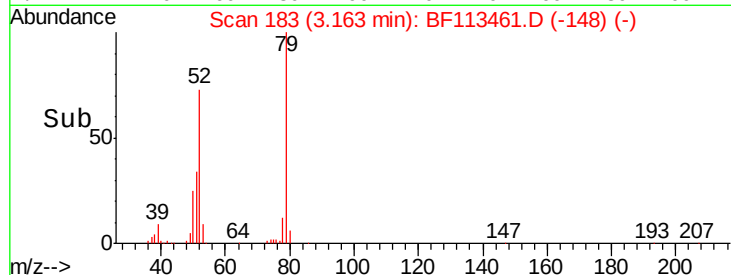
0

3.16

3.20

3.40

Time-->



#4

n-Nitrosodimethylamine

Concen: 33.552 ng

RT: 3.09 min Scan# 171

Delta R.T. 0.09 min

Lab File: BF113461.D

Acq: 1 Apr 2019 12:36

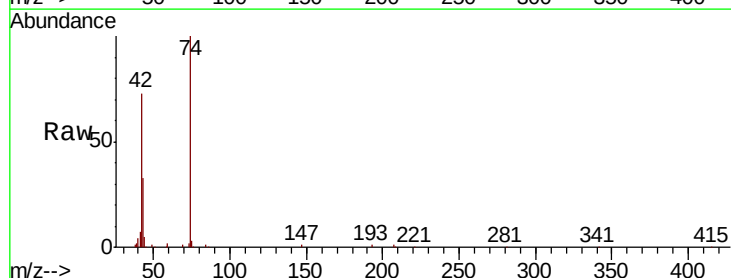
Tgt Ion: 42 Resp: 173828

Ion Ratio Lower Upper

42 100

74 137.6 109.7 164.5

44 7.3 5.4 8.0



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

150000

100000

50000

0

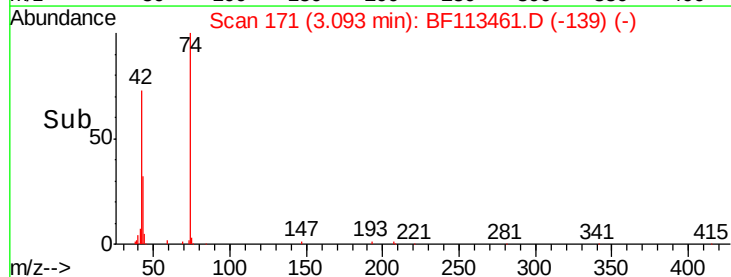
3.09

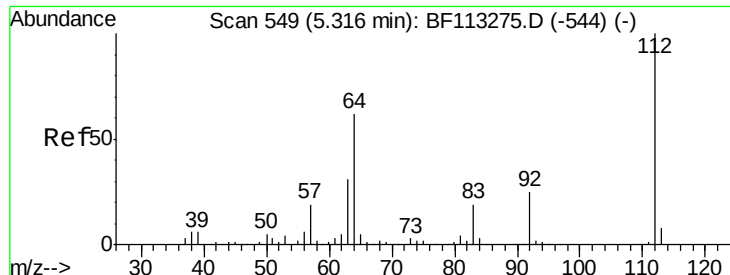
3.05

3.15

3.20

Time-->





#5

2-Fluorophenol

Concen: 115.300 ng

RT: 5.34 min Scan# 553

Delta R.T. 0.02 min

Lab File: BF113461.D

Acq: 1 Apr 2019 12:36

Instrument :

BNA_F

ClientSampled :

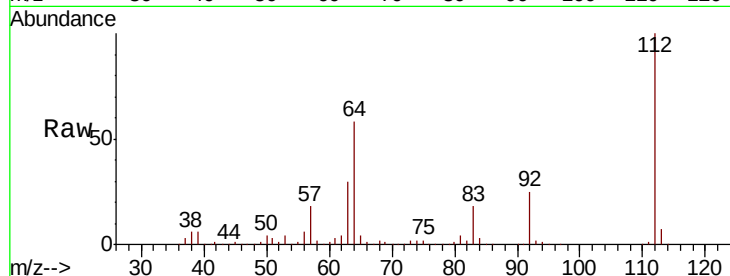
Tot Ion:112 Resp: 1074309

Ion Ratio Lower Upper

112 100

64 57.6 47.7 71.5

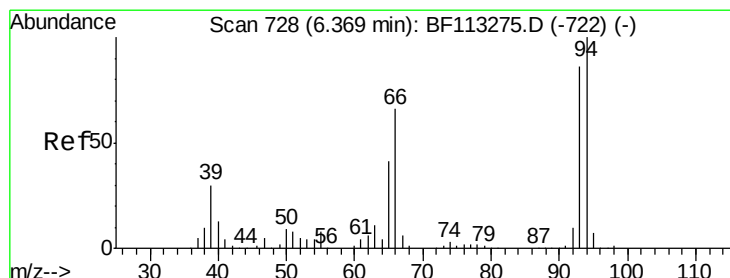
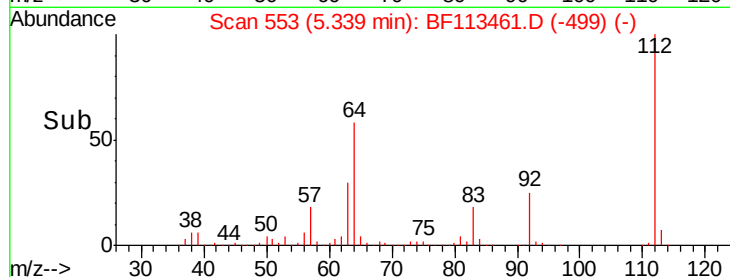
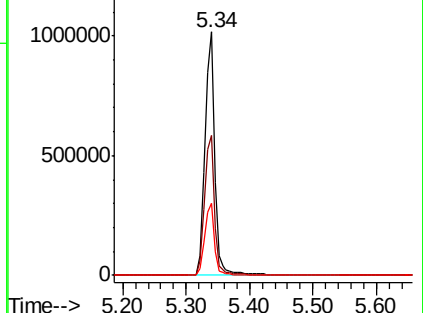
63 29.7 23.8 35.6



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: 28.561 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF113461.D

Acq: 1 Apr 2019 12:36

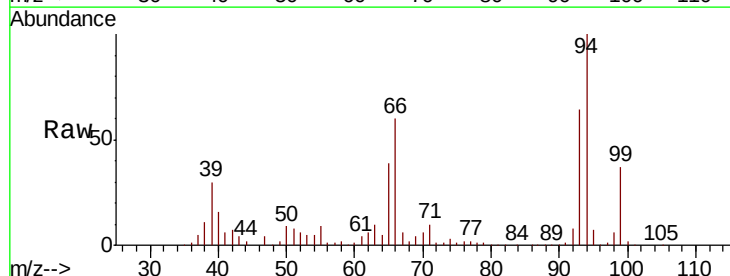
Tgt Ion: 93 Resp: 409963

Ion Ratio Lower Upper

93 100

66 94.3 59.8 89.6#

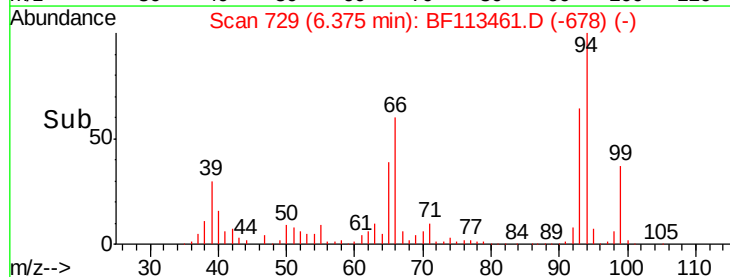
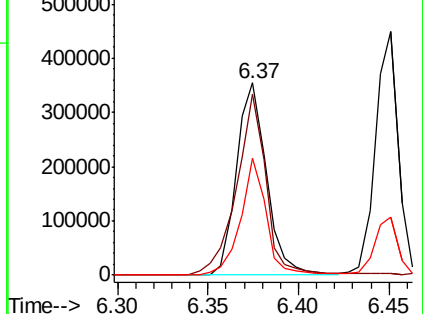
65 60.8 37.4 56.2#

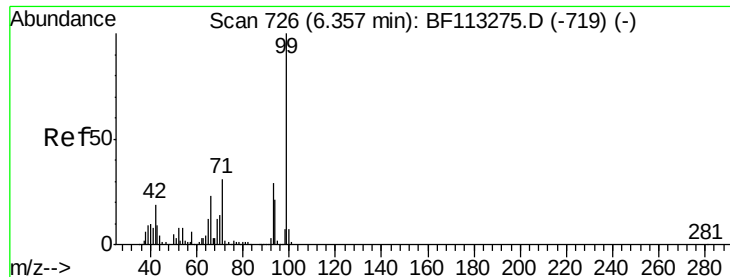


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 116.011 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF113461.D

Acq: 1 Apr 2019 12:36

Instrument :

BNA_F

ClientSampled :

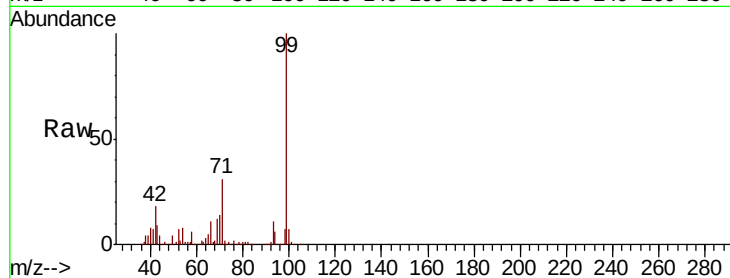
Tot Ion: 99 Resp: 1367434

Ion Ratio Lower Upper

99 100

42 18.3 14.4 21.6

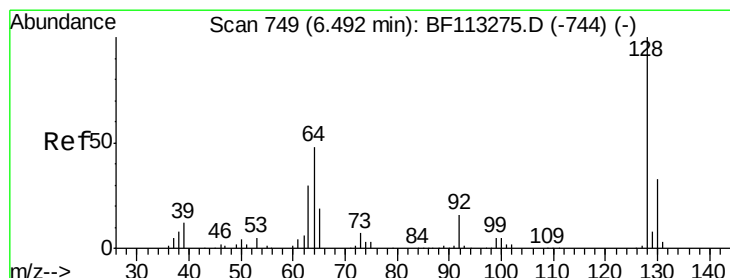
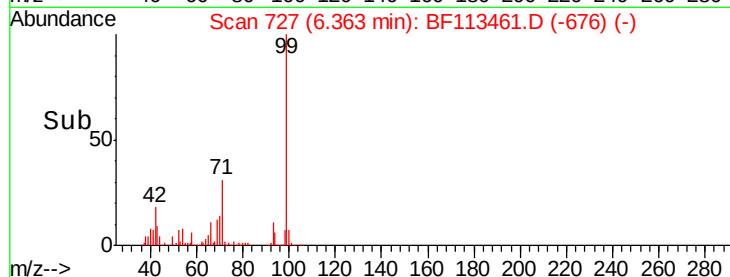
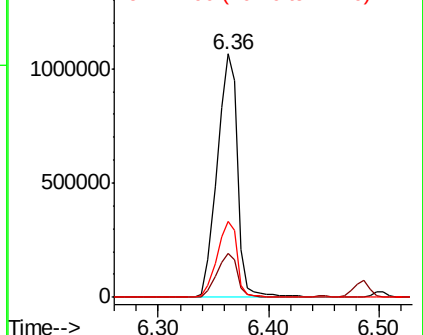
71 31.1 25.0 37.6



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: 37.721 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF113461.D

Acq: 1 Apr 2019 12:36

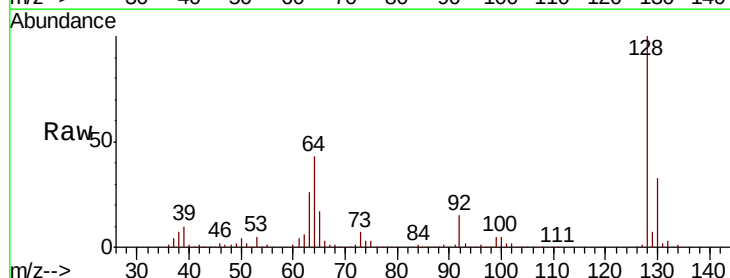
Tgt Ion:128 Resp: 408141

Ion Ratio Lower Upper

128 100

130 33.0 13.0 53.0

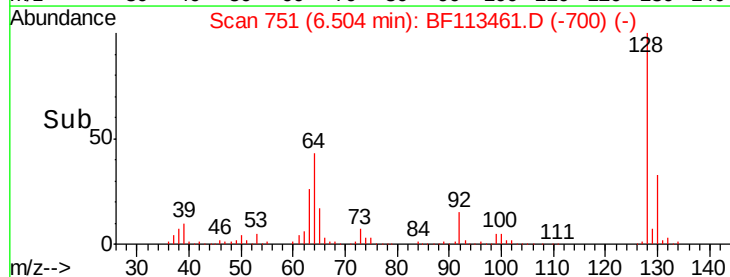
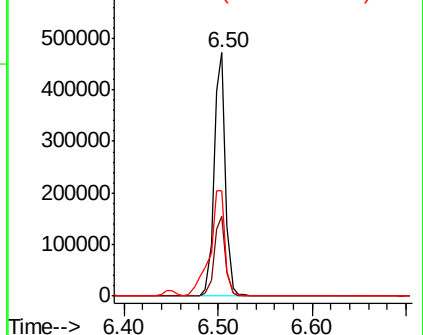
64 43.3 23.6 63.6

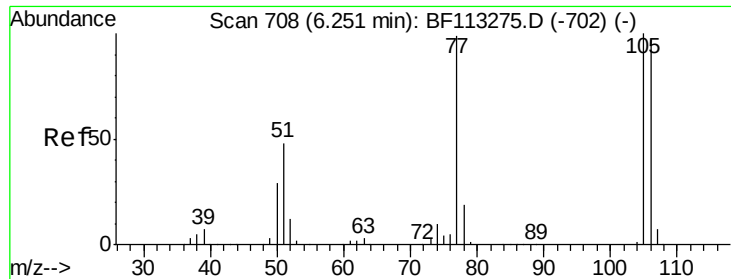


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 35.678 ng

RT: 6.26 min Scan# 709

Delta R.T. 0.00 min

Lab File: BF113461.D

Acq: 1 Apr 2019 12:36

Instrument :

BNA_F

ClientSampled :

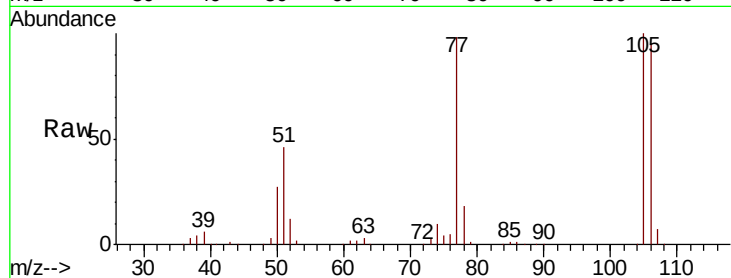
Tot Ion: 77 Resp: 282203

Ion Ratio Lower Upper

77 100

105 102.3 81.1 121.1

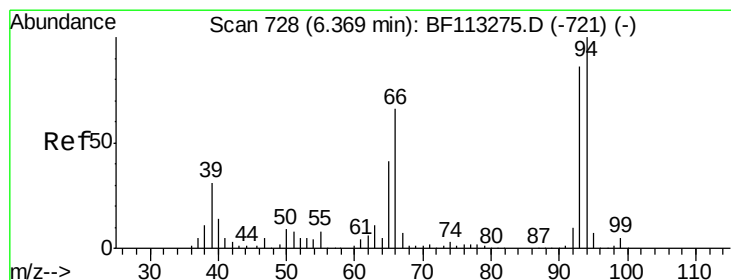
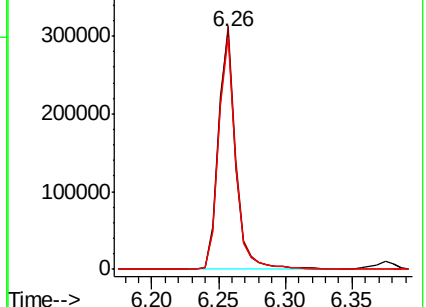
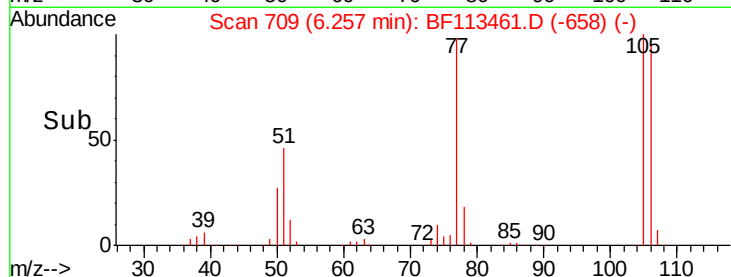
106 97.3 76.9 116.9



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: 36.967 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF113461.D

Acq: 1 Apr 2019 12:36

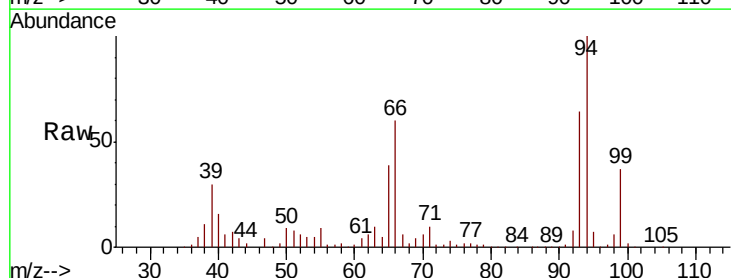
Tgt Ion: 94 Resp: 497454

Ion Ratio Lower Upper

94 100

65 38.8 23.7 63.7

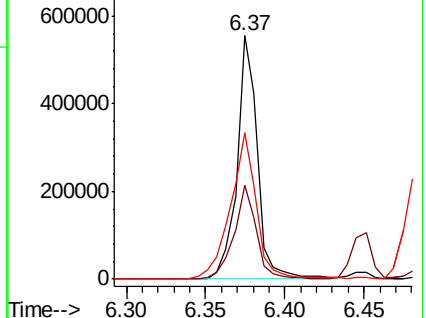
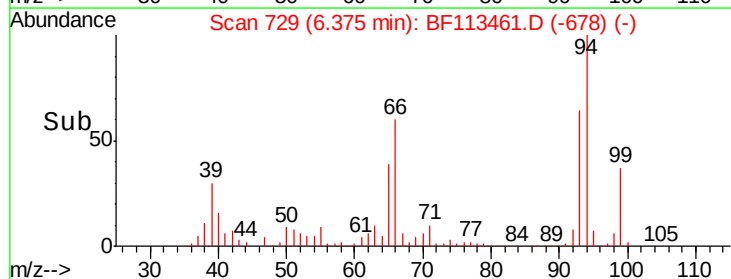
66 60.1 49.7 89.7

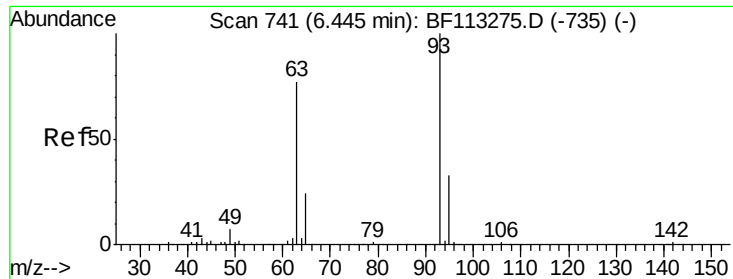


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 37.459 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF113461.D

Acq: 1 Apr 2019 12:36

Instrument :

BNA_F

ClientSampleId :

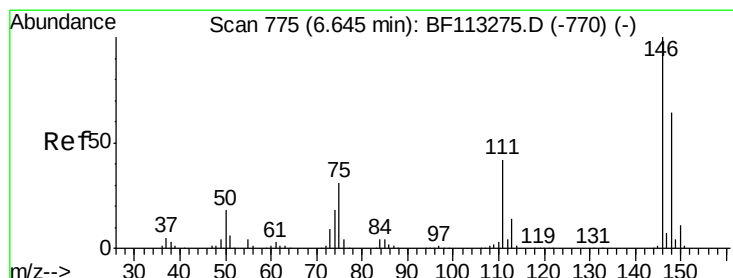
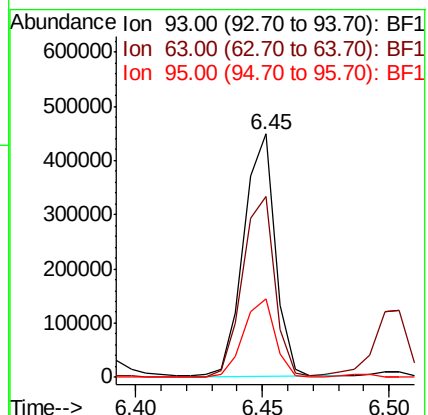
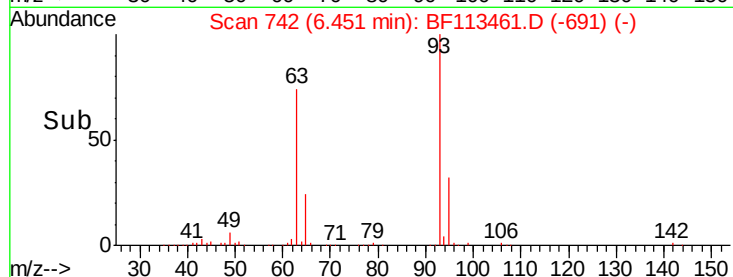
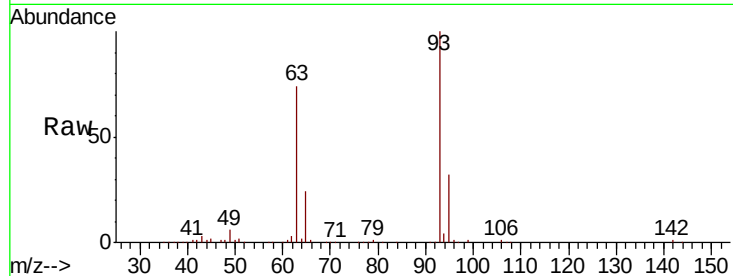
Tot Ion: 93 Resp: 386388

Ion Ratio Lower Upper

93 100

63 74.0 55.7 95.7

95 32.1 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 36.873 ng

RT: 6.65 min Scan# 776

Delta R.T. 0.00 min

Lab File: BF113461.D

Acq: 1 Apr 2019 12:36

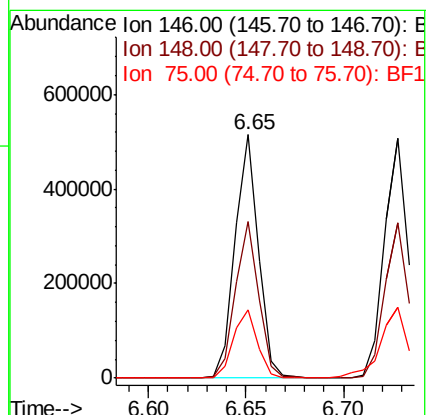
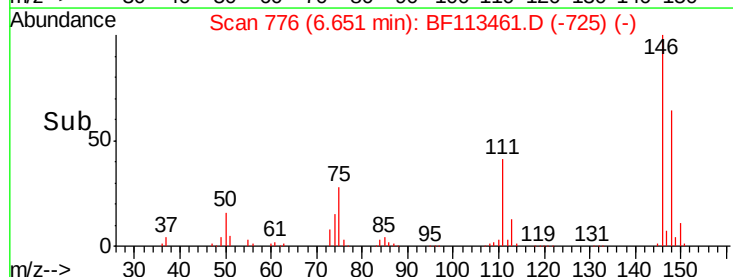
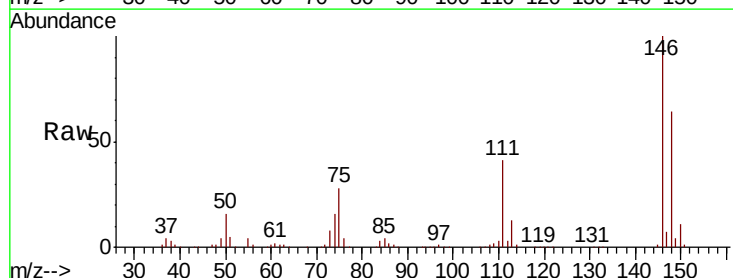
Tgt Ion: 146 Resp: 430056

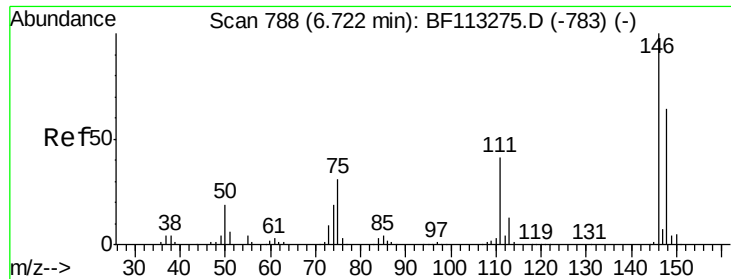
Ion Ratio Lower Upper

146 100

148 64.1 51.4 77.2

75 28.2 24.0 36.0

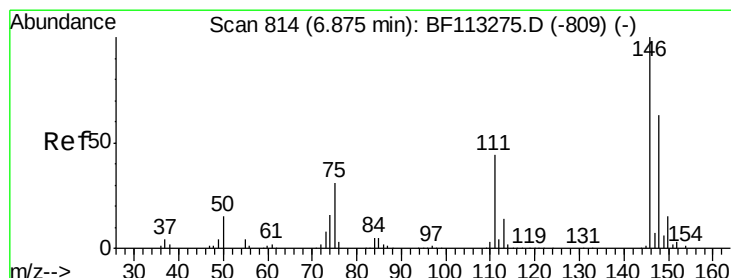
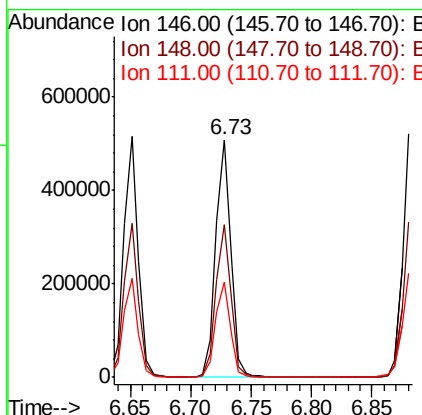
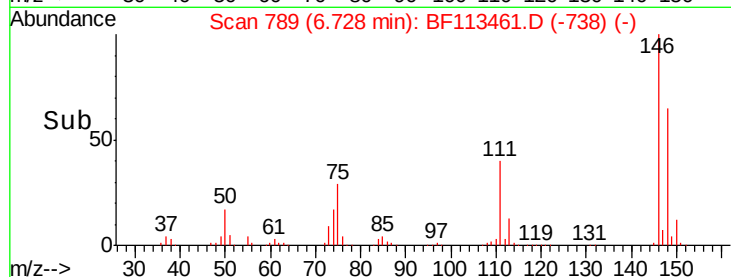
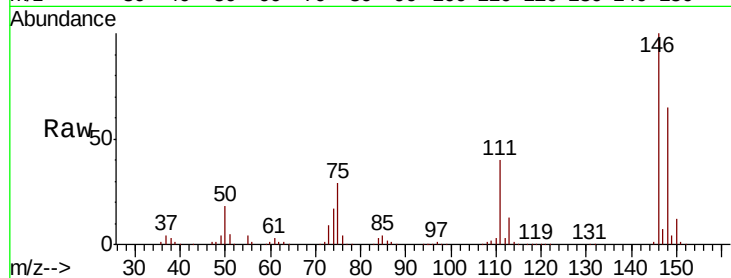




#13
 1,4-Dichlorobenzene
 Concen: 38.726 ng
 RT: 6.73 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF113461.D
 Acq: 1 Apr 2019 12:36

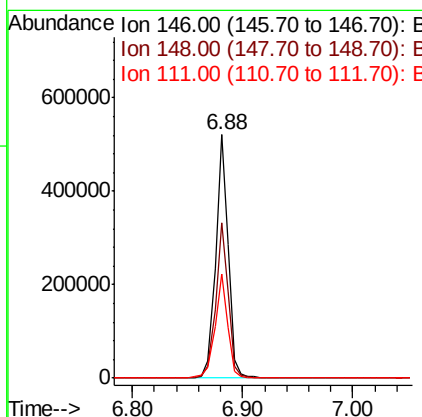
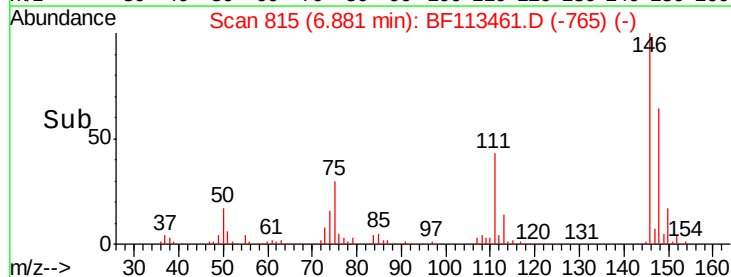
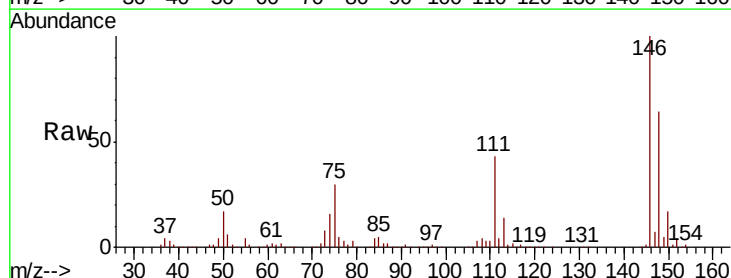
Instrument :
 BNA_F
 ClientSampleId :

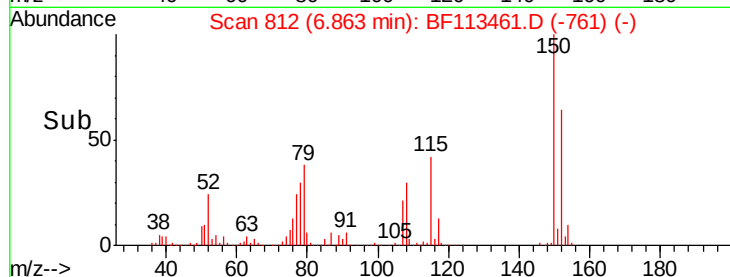
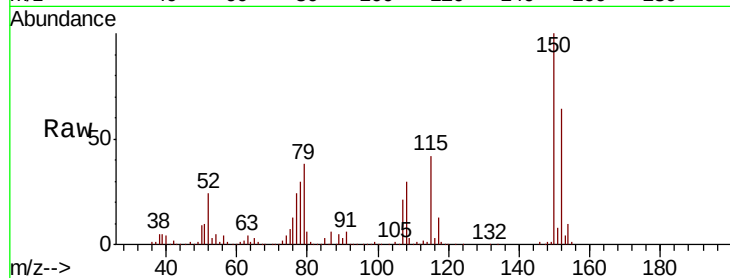
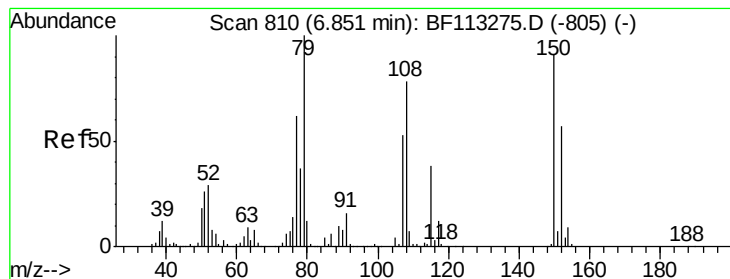
Tot Ion:146 Resp: 436106
 Ion Ratio Lower Upper
 146 100
 148 64.5 50.4 75.6
 111 40.1 32.4 48.6



#14
 1,2-Dichlorobenzene
 Concen: 36.464 ng
 RT: 6.88 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF113461.D
 Acq: 1 Apr 2019 12:36

Tgt Ion:146 Resp: 403975
 Ion Ratio Lower Upper
 146 100
 148 63.8 51.0 76.6
 111 42.5 32.2 48.4





#15

Benzyl Alcohol

Concen: 40.386 ng

RT: 6.86 min Scan# 812

Delta R.T. 0.00 min

Lab File: BF113461.D

Acq: 1 Apr 2019 12:36

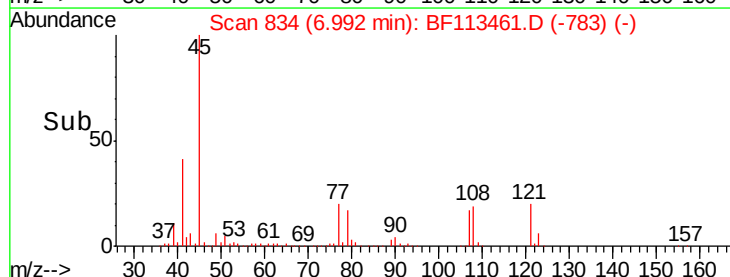
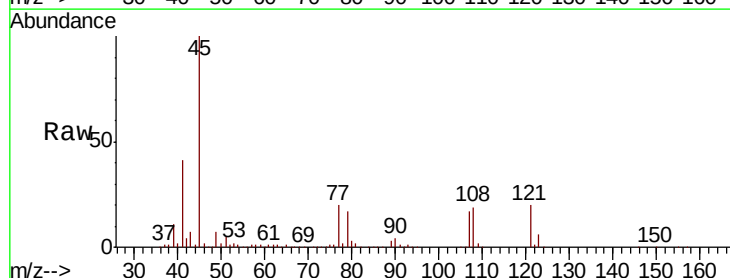
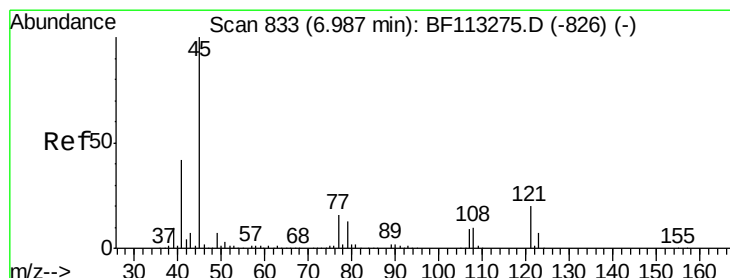
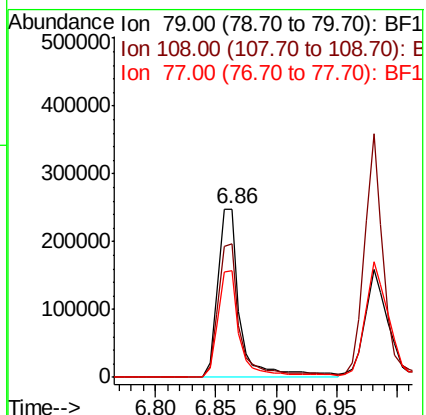
Tot Ion: 79 Resp: 314047

Ion Ratio Lower Upper

79 100

108 78.9 62.8 94.2

77 63.4 50.5 75.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.740 ng

RT: 6.99 min Scan# 834

Delta R.T. 0.00 min

Lab File: BF113461.D

Acq: 1 Apr 2019 12:36

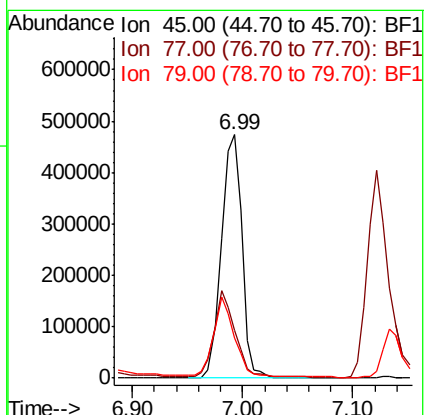
Tgt Ion: 45 Resp: 615812

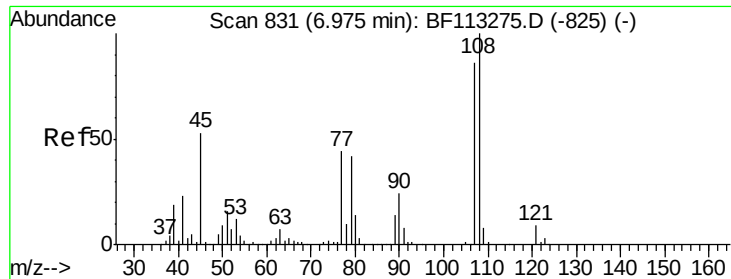
Ion Ratio Lower Upper

45 100

77 19.8 0.8 40.8

79 16.7 0.0 38.0

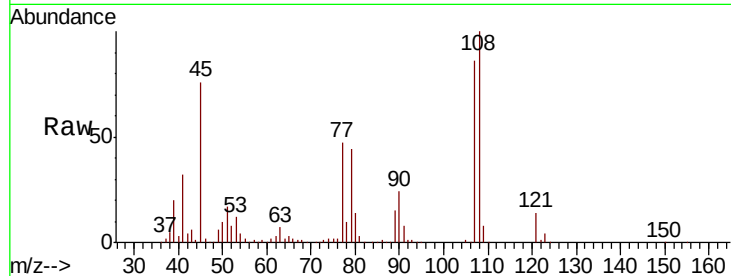




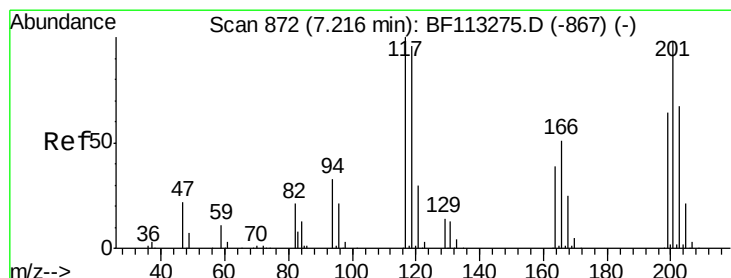
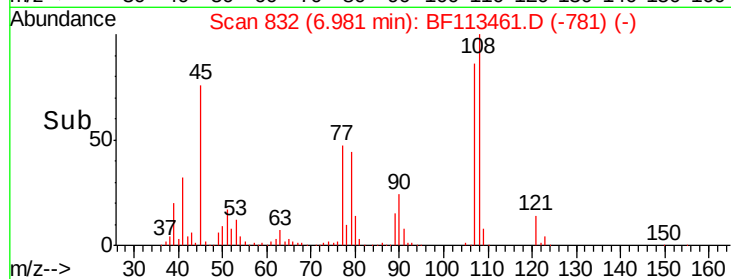
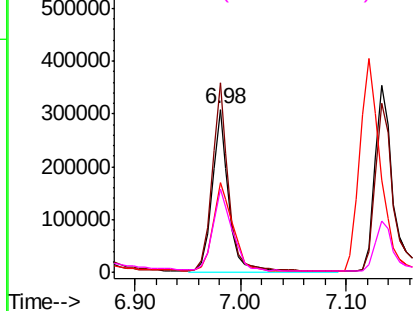
#17
2-Methylphenol
Concen: 39.967 ng
RT: 6.98 min Scan# 832
Delta R.T. 0.00 min
Lab File: BF113461.D
Acq: 1 Apr 2019 12:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 338898
Ion Ratio Lower Upper
107 100
108 116.4 91.8 137.6
77 55.2 41.4 62.2
79 51.5 39.0 58.6

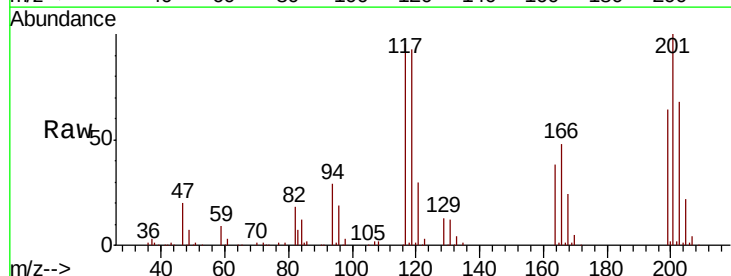


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

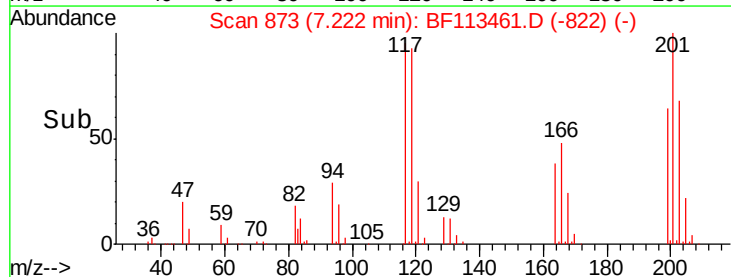
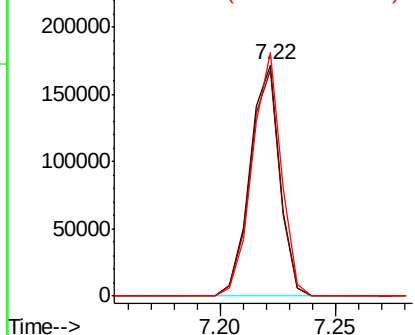


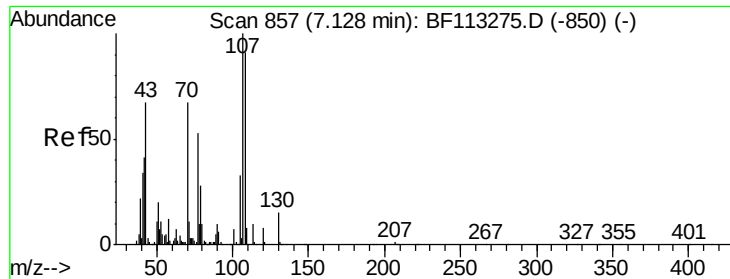
#18
Hexachloroethane
Concen: 38.444 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF113461.D
Acq: 1 Apr 2019 12:36

Tgt Ion:117 Resp: 155494
Ion Ratio Lower Upper
117 100
119 97.6 77.8 116.6
201 105.3 79.4 119.0



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

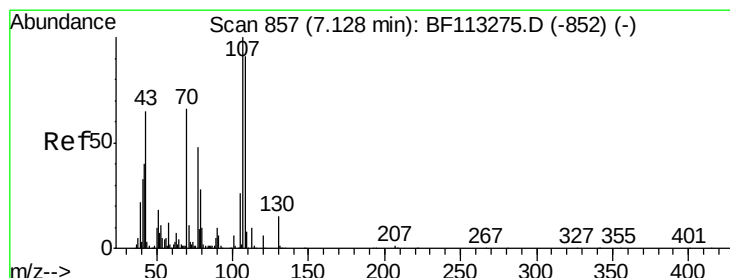
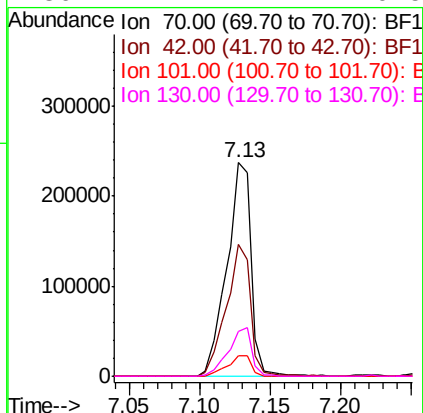
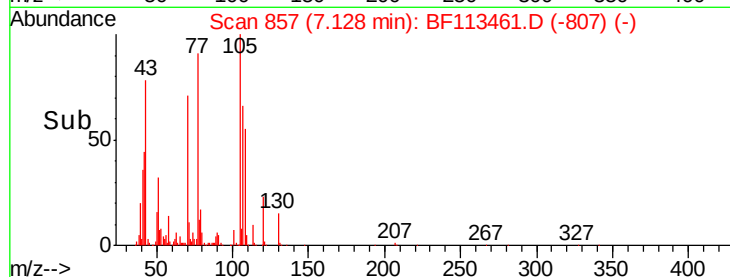
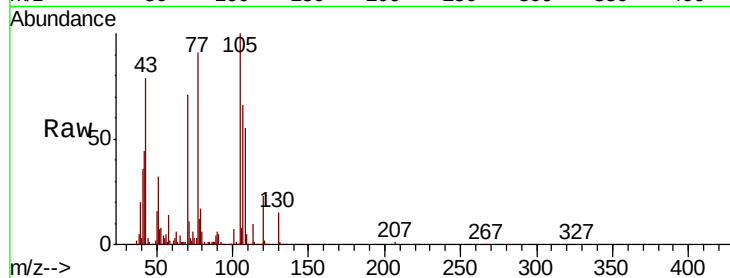




#19
n-Nitroso-di-n-propylamine
Concen: 38.293 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF113461.D
Acq: 1 Apr 2019 12:36

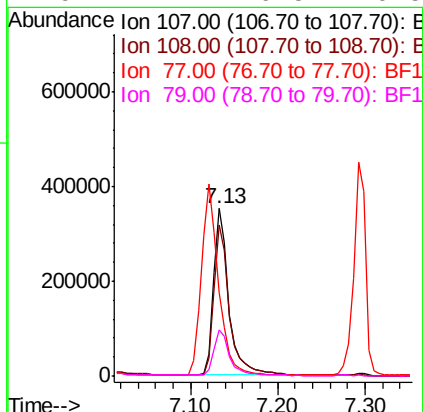
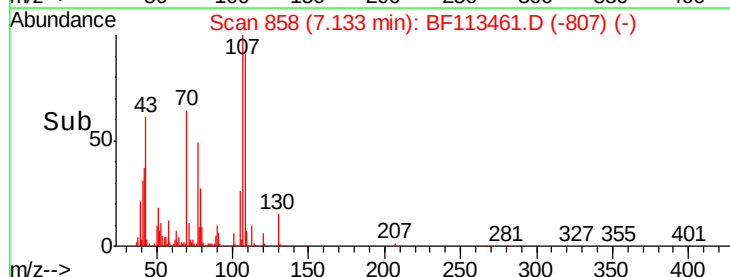
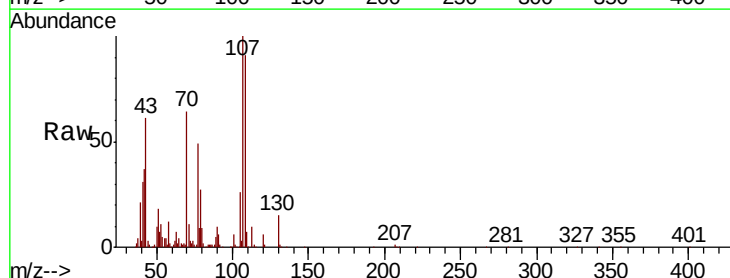
Instrument :
BNA_F
ClientSampleId :

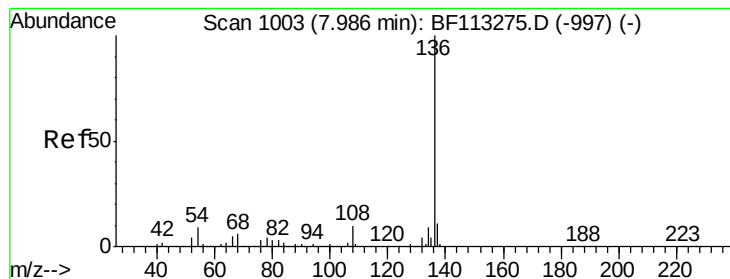
Tot Ion: 70 Resp: 283516
Ion Ratio Lower Upper
70 100
42 61.9 49.4 74.0
101 9.5 7.6 11.4
130 21.1 17.7 26.5



#20
3+4-Methylphenols
Concen: 44.266 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.00 min
Lab File: BF113461.D
Acq: 1 Apr 2019 12:36

Tgt Ion: 107 Resp: 432330
Ion Ratio Lower Upper
107 100
108 90.6 68.7 108.7
77 49.4 49.3 89.3
79 27.4 6.5 46.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.99 min Scan# 1004

Delta R.T. 0.00 min

Lab File: BF113461.D

Acq: 1 Apr 2019 12:36

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 596322

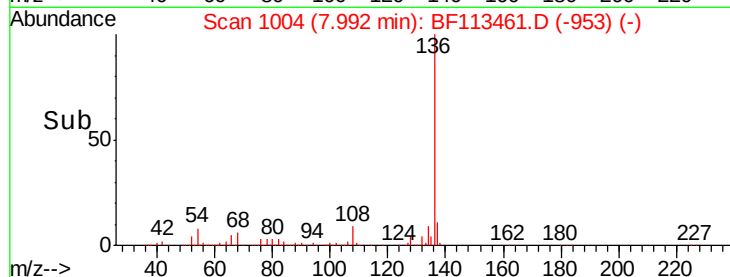
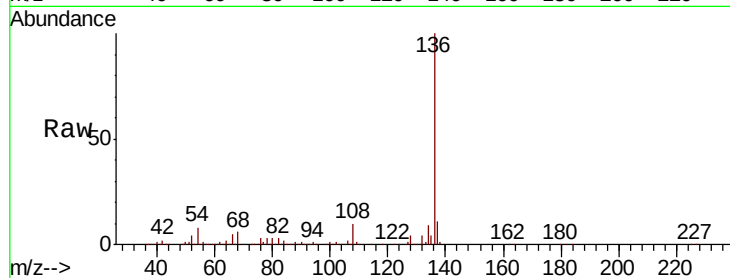
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 7.9 6.9 10.3

68 6.3 5.1 7.7

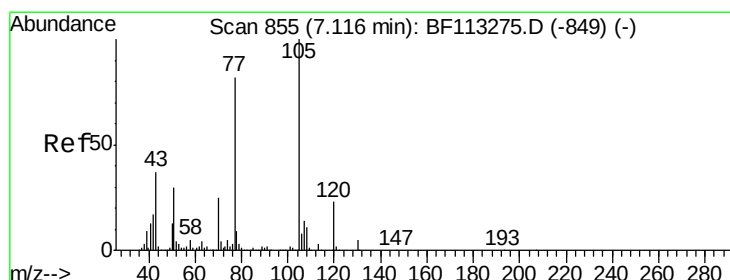
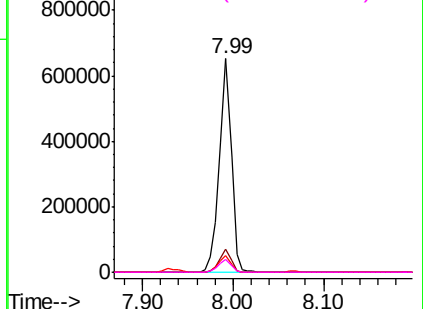


Abundance Ion 136.00 (135.70 to 136.70): E

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: 41.211 ng

RT: 7.12 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF113461.D

Acq: 1 Apr 2019 12:36

Tgt Ion:105 Resp: 560449

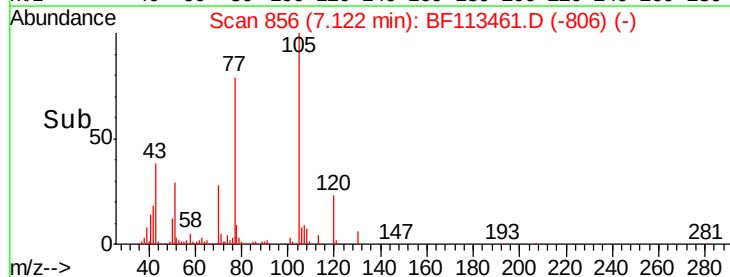
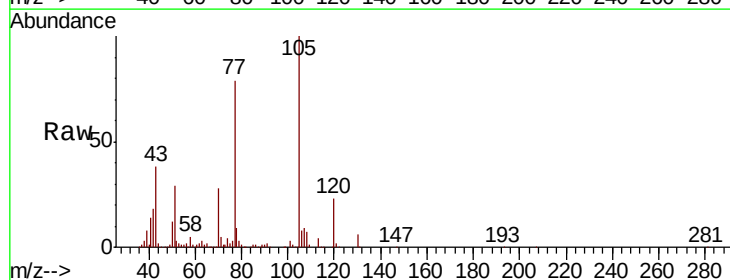
Ion Ratio Lower Upper

105 100

71 4.5 4.6 6.8#

51 28.8 23.0 34.6

120 22.8 18.3 27.5

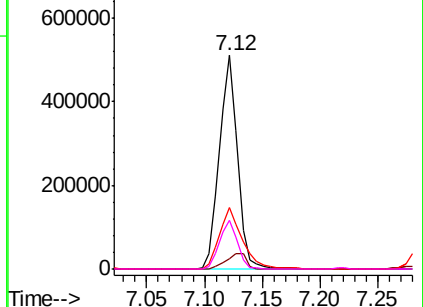


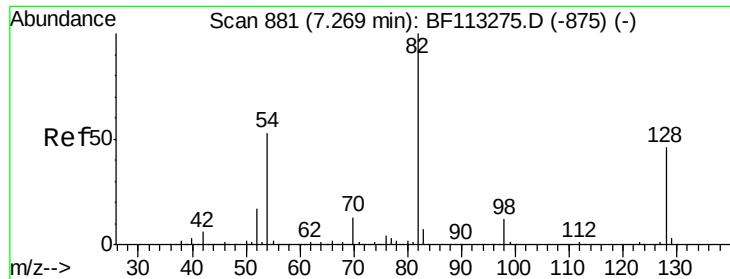
Abundance Ion 105.00 (104.70 to 105.70): E

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

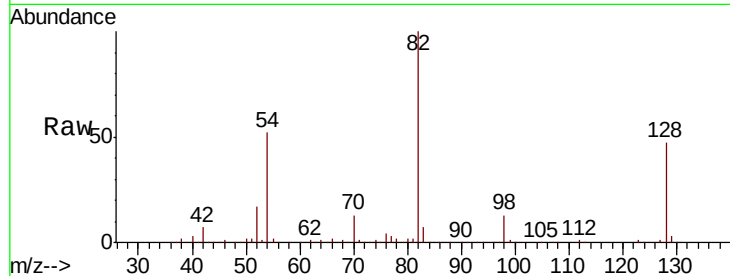




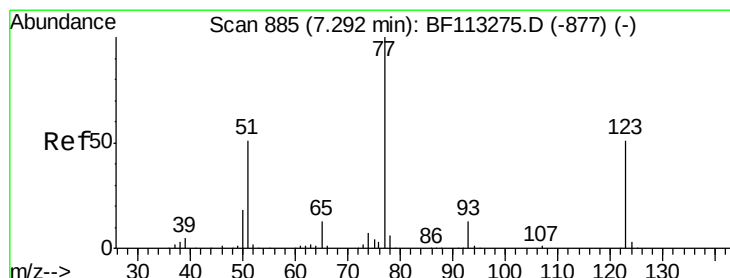
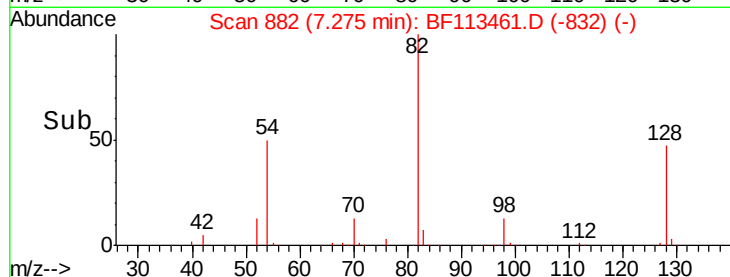
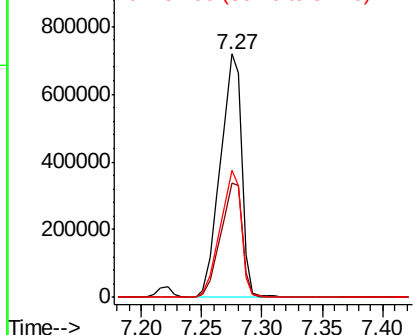
#23
Nitrobenzene-d5
Concen: 87.548 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF113461.D
Acq: 1 Apr 2019 12:36

Instrument :
BNA_F
ClientSampled :

Tot Ion	82	Resp	879587
Ion Ratio	100	Lower	Upper
128	46.9	37.9	56.9
54	52.4	41.9	62.9

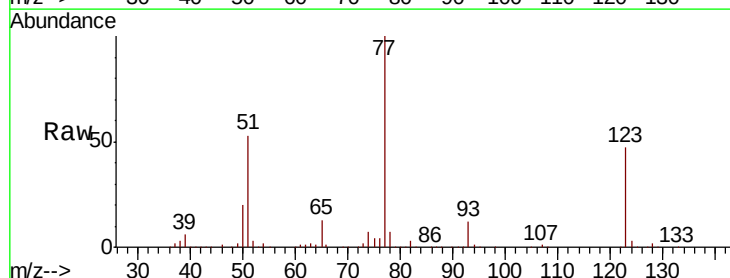


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

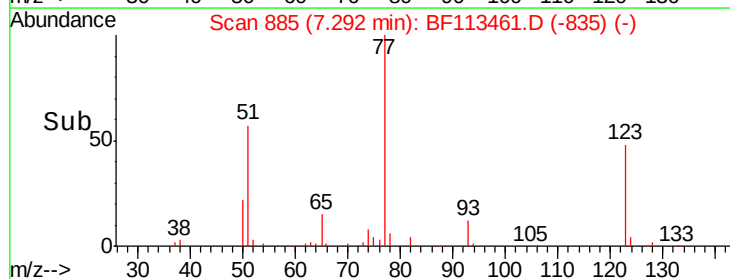
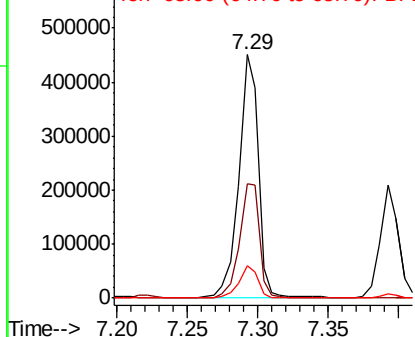


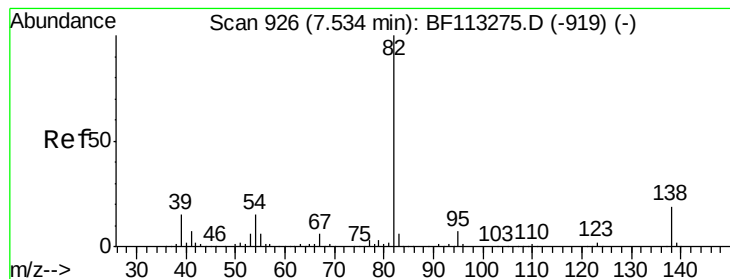
#24
Nitrobenzene
Concen: 40.813 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF113461.D
Acq: 1 Apr 2019 12:36

Tgt Ion	77	Resp	427881
Ion Ratio	100	Lower	Upper
123	47.1	39.0	58.4
65	13.5	10.8	16.2



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: 41.924 ng

RT: 7.53 min Scan# 926

Delta R.T. -0.01 min

Lab File: BF113461.D

Acq: 1 Apr 2019 12:36

Instrument :

BNA_F

ClientSampleId :

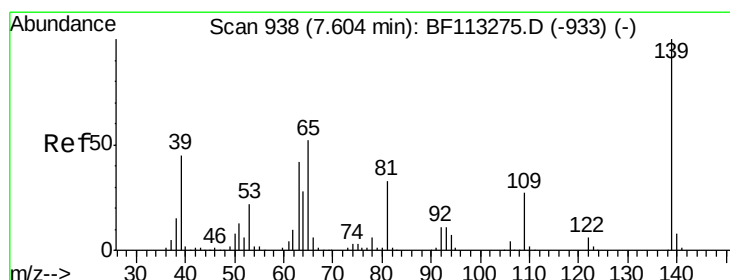
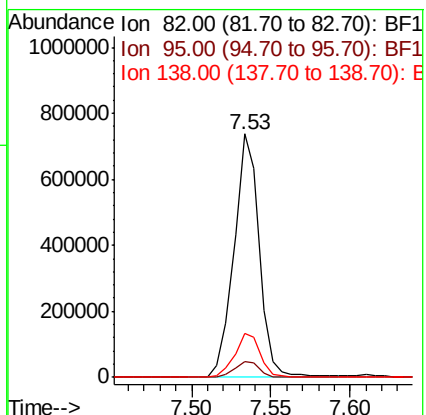
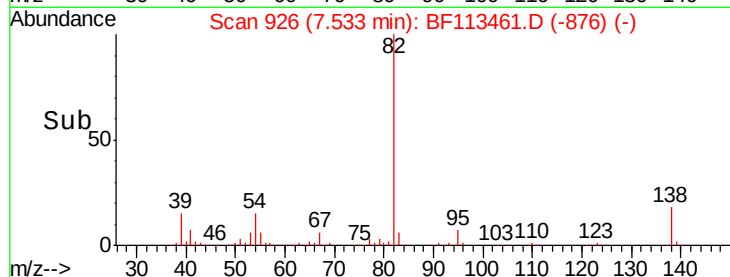
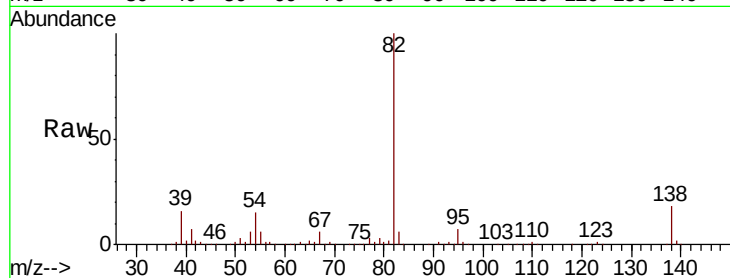
Tot Ion: 82 Resp: 816282

Ion Ratio Lower Upper

82 100

95 6.6 5.4 8.0

138 17.9 14.7 22.1



#26

2-Nitrophenol

Concen: 41.852 ng

RT: 7.61 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF113461.D

Acq: 1 Apr 2019 12:36

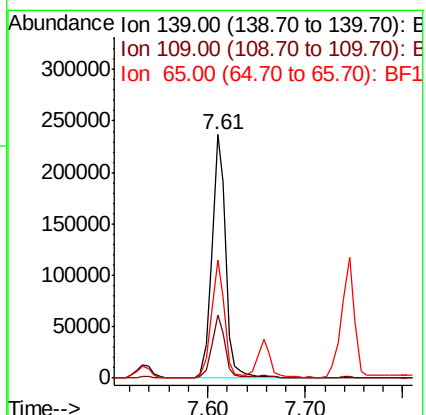
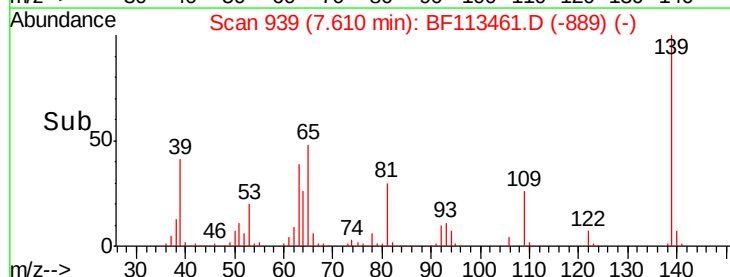
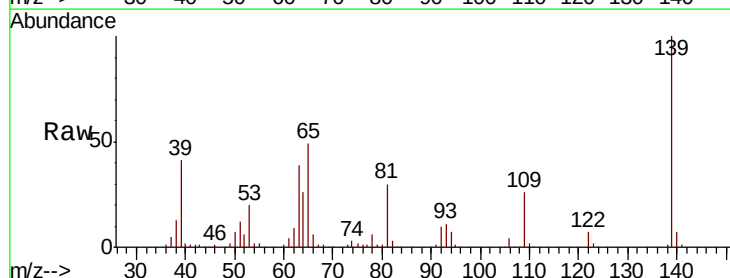
Tgt Ion: 139 Resp: 231926

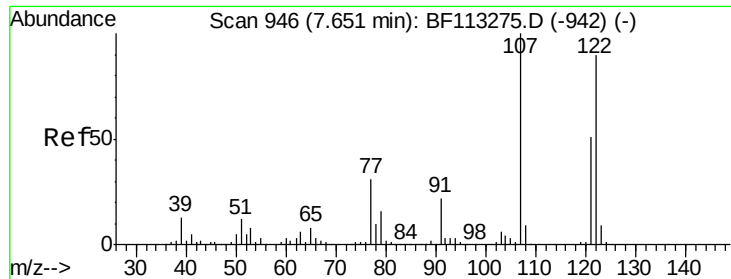
Ion Ratio Lower Upper

139 100

109 25.8 20.2 30.2

65 48.8 35.1 52.7

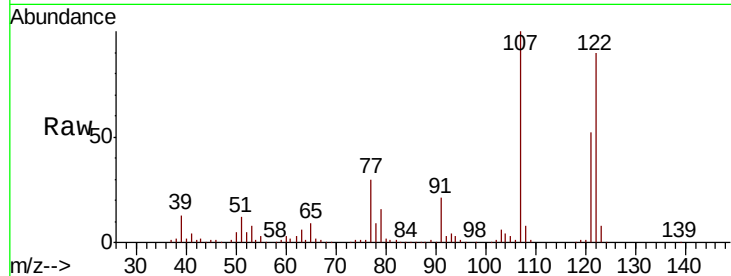




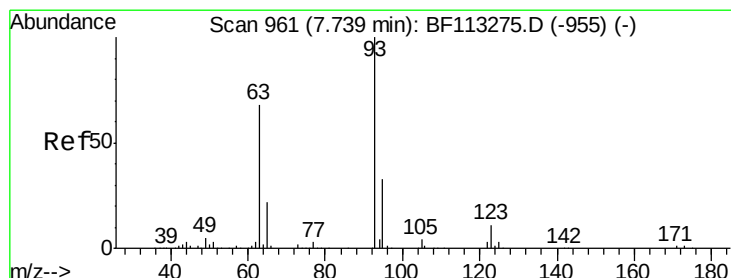
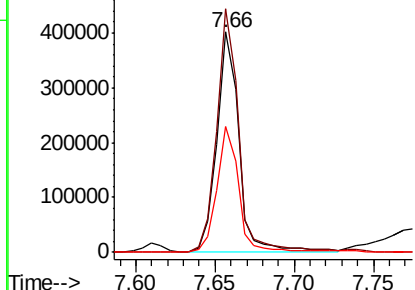
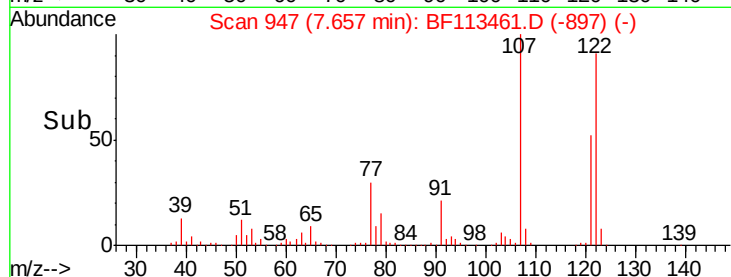
#27
2,4-Dimethylphenol
Concen: 48.887 ng
RT: 7.66 min Scan# 947
Delta R.T. -0.01 min
Lab File: BF113461.D
Acq: 1 Apr 2019 12:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 389710
Ion Ratio Lower Upper
122 100
107 110.5 86.3 129.5
121 57.3 45.6 68.4

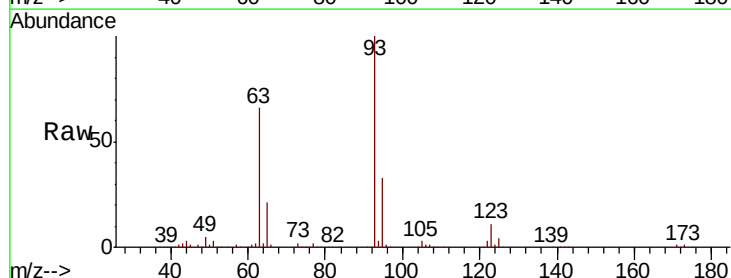


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

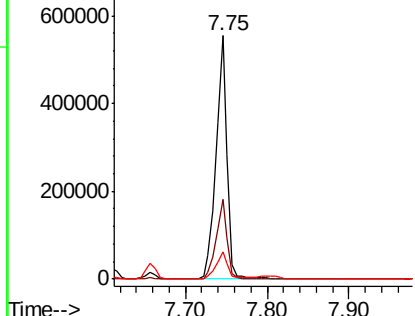
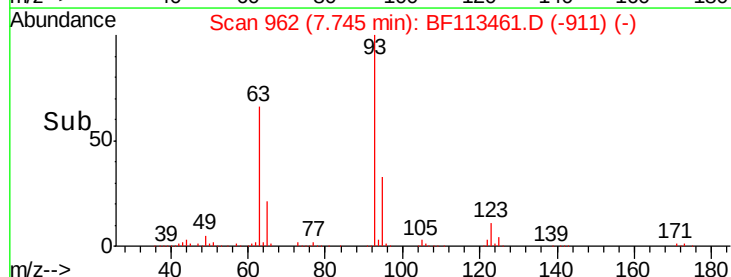


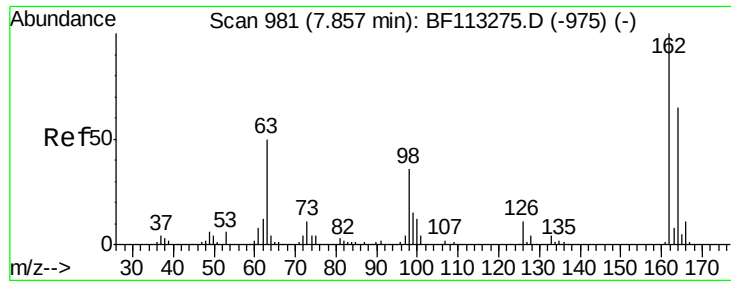
#28
bis(2-Chloroethoxy)methane
Concen: 42.650 ng
RT: 7.75 min Scan# 962
Delta R.T. 0.00 min
Lab File: BF113461.D
Acq: 1 Apr 2019 12:36

Tgt Ion: 93 Resp: 522942
Ion Ratio Lower Upper
93 100
95 32.7 26.5 39.7
123 11.5 9.2 13.8



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E

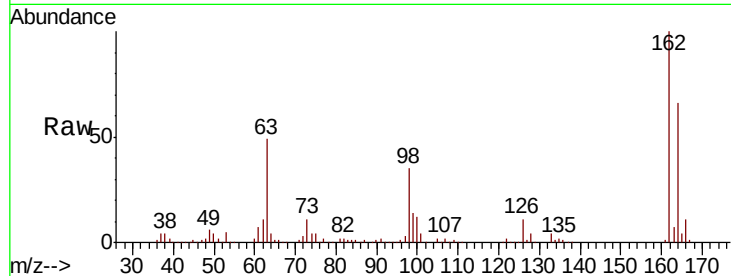




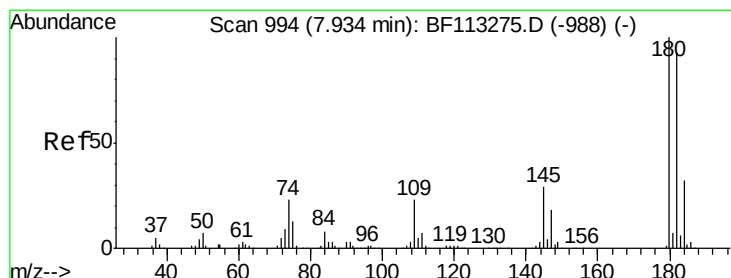
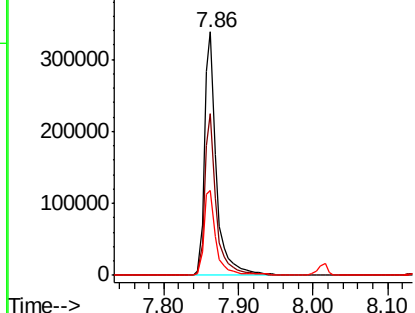
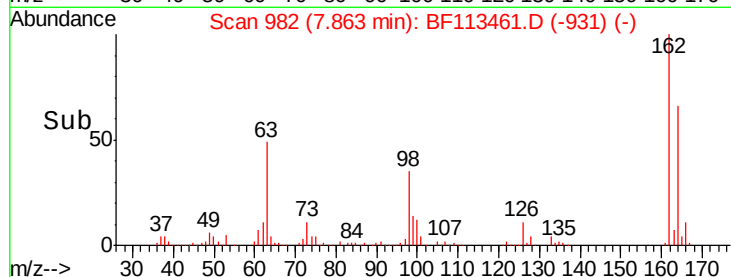
#29
 2,4-Dichlorophenol
 Concen: 43.884 ng
 RT: 7.86 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: BF113461.D
 Acq: 1 Apr 2019 12:36

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.2	43.9	83.9
98	35.1	15.9	55.9

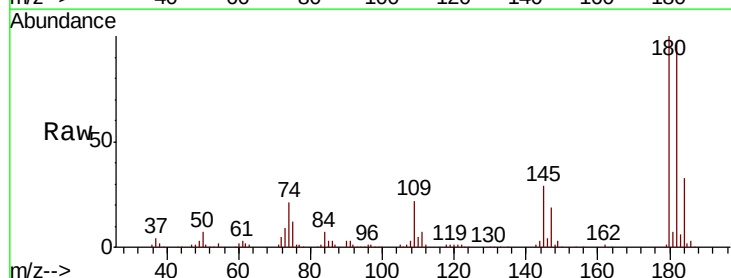


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

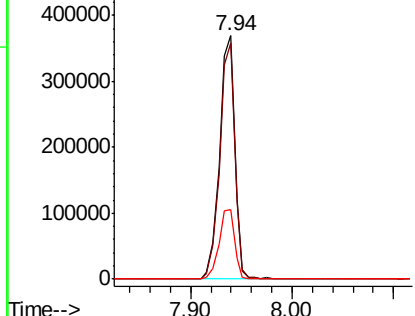
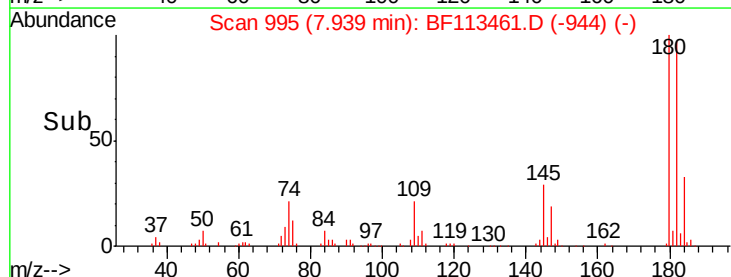


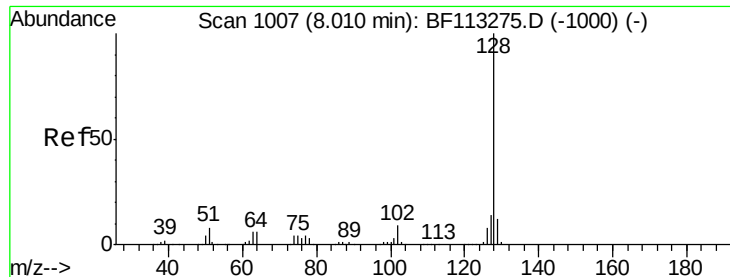
#30
 1,2,4-Trichlorobenzene
 Concen: 41.388 ng
 RT: 7.94 min Scan# 995
 Delta R.T. 0.00 min
 Lab File: BF113461.D
 Acq: 1 Apr 2019 12:36

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.8	76.8	115.2
145	28.8	23.8	35.8



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 41.183 ng

RT: 8.02 min Scan# 1008

Delta R.T. 0.00 min

Lab File: BF113461.D

Acq: 1 Apr 2019 12:36

Instrument :

BNA_F

ClientSampleId :

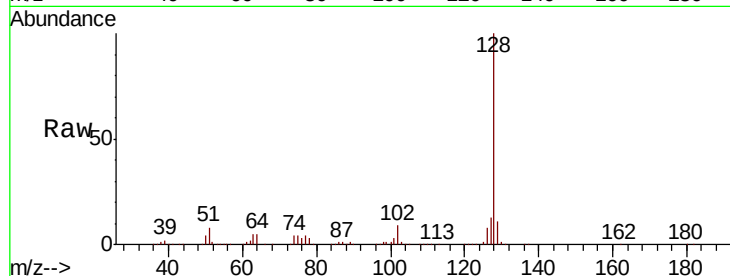
Tot Ion:128 Resp: 1200117

Ion Ratio Lower Upper

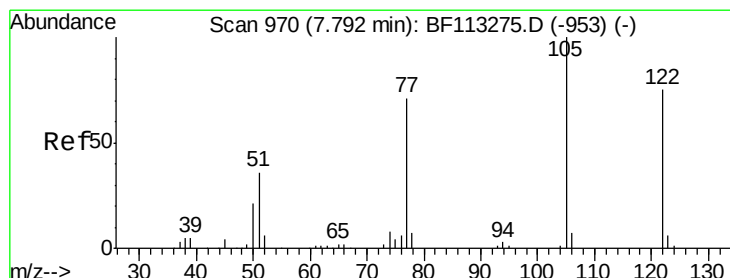
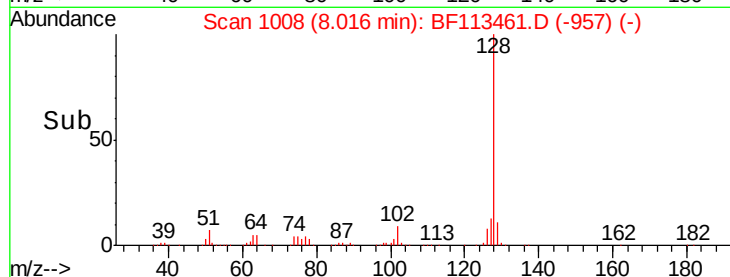
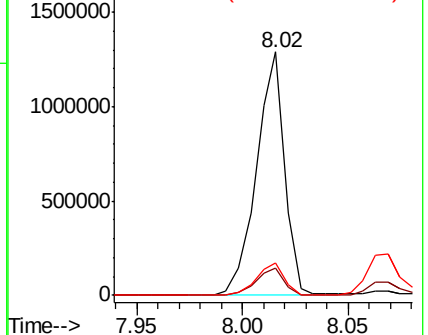
128 100

129 11.3 9.4 14.0

127 13.4 10.7 16.1



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: 38.384 ng

RT: 7.81 min Scan# 973

Delta R.T. 0.00 min

Lab File: BF113461.D

Acq: 1 Apr 2019 12:36

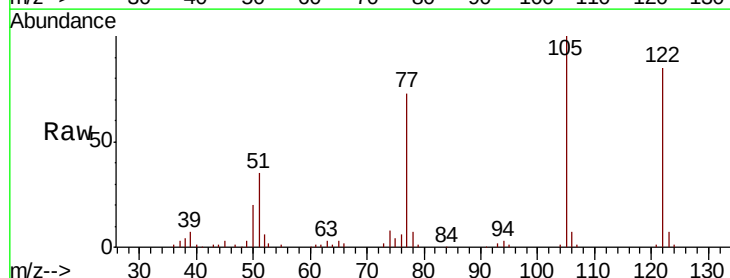
Tgt Ion:122 Resp: 246302

Ion Ratio Lower Upper

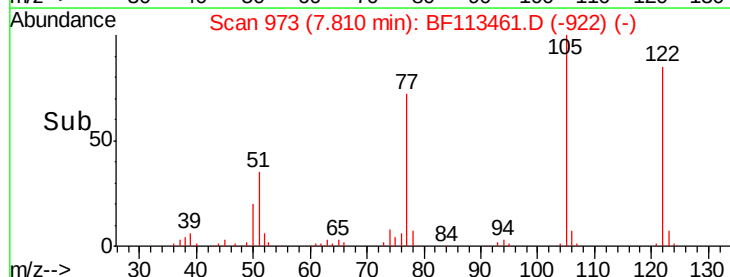
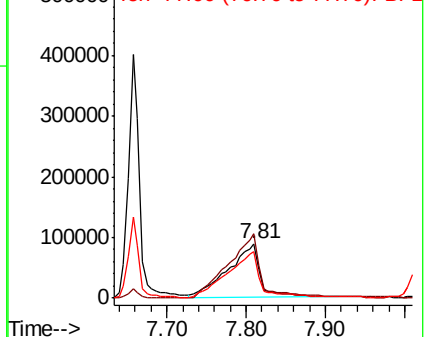
122 100

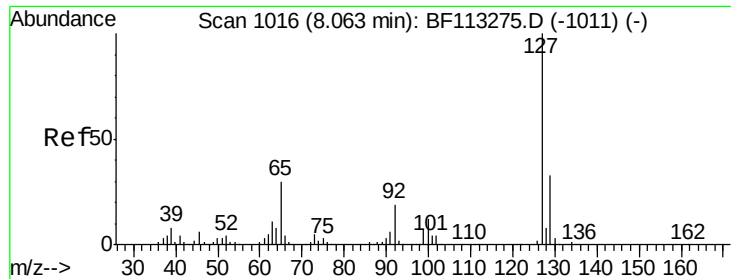
105 117.6 98.4 138.4

77 85.9 68.0 108.0



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

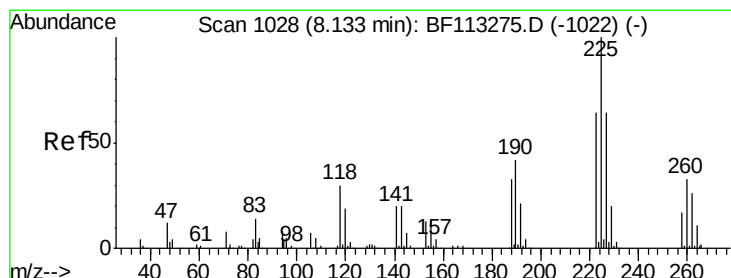
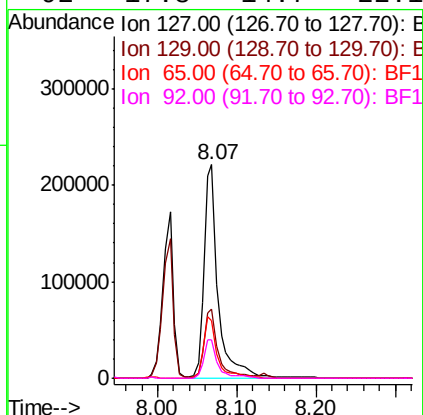
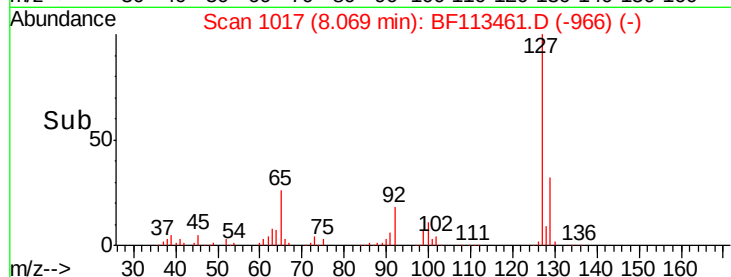
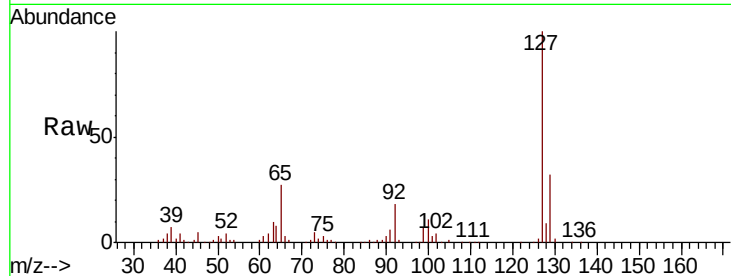




#33
4-Chloroaniline
Concen: 24.274 ng
RT: 8.07 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BF113461.D
Acq: 1 Apr 2019 12:36

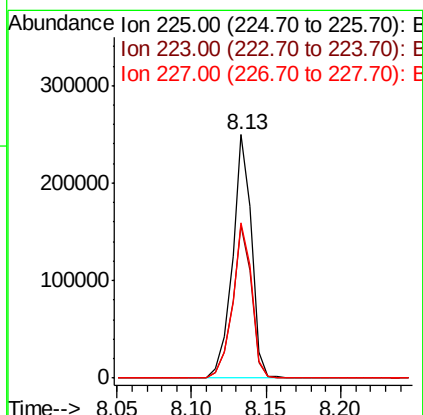
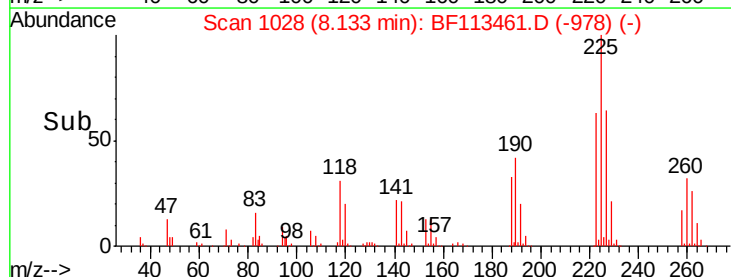
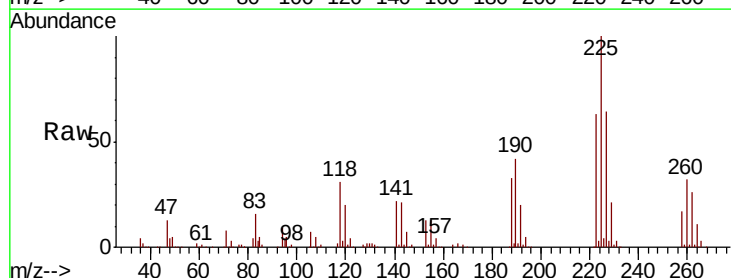
Instrument :
BNA_F
ClientSampleId :

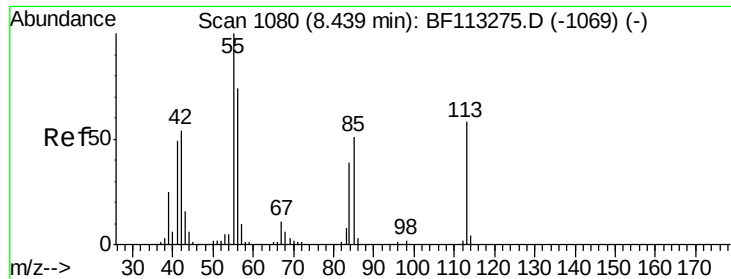
Tot Ion:	127	Resp:	275834
Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.2	39.2
65	26.9	23.7	35.5
92	17.8	14.7	22.1



#34
Hexachlorobutadiene
Concen: 40.571 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF113461.D
Acq: 1 Apr 2019 12:36

Tgt Ion:	225	Resp:	224739
Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.9	76.3
227	63.8	53.2	79.8

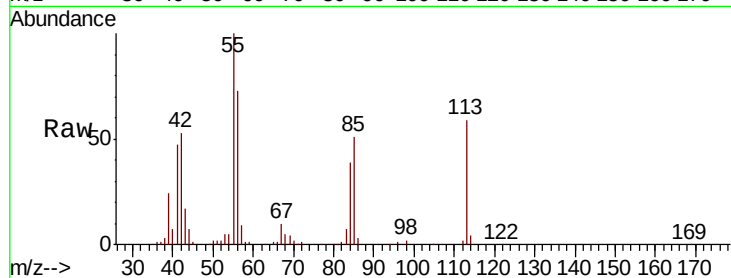




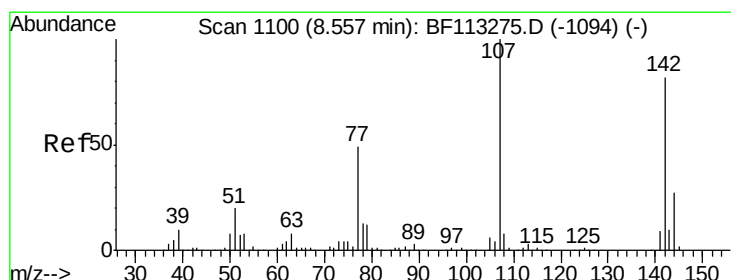
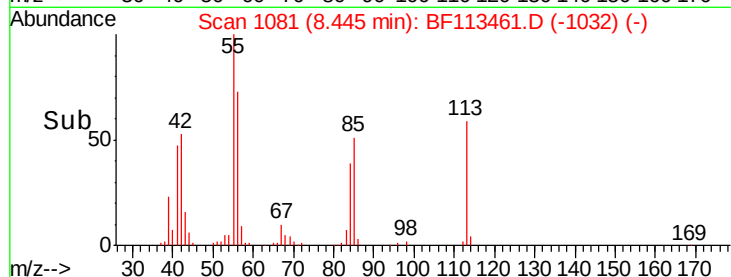
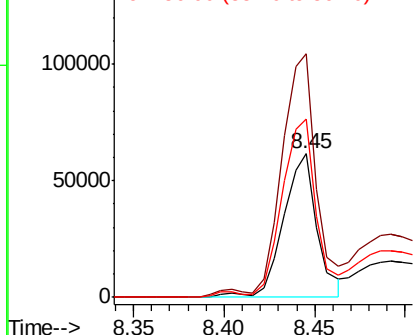
#35
 Caprolactam
 Concen: 28.872 ng
 RT: 8.45 min Scan# 1081
 Delta R.T. -0.01 min
 Lab File: BF113461.D
 Acq: 1 Apr 2019 12:36

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 80048
 Ion Ratio Lower Upper
 113 100
 55 169.9 151.8 191.8
 56 124.1 104.6 144.6

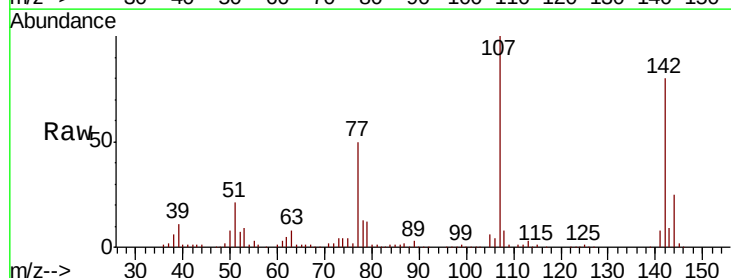


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

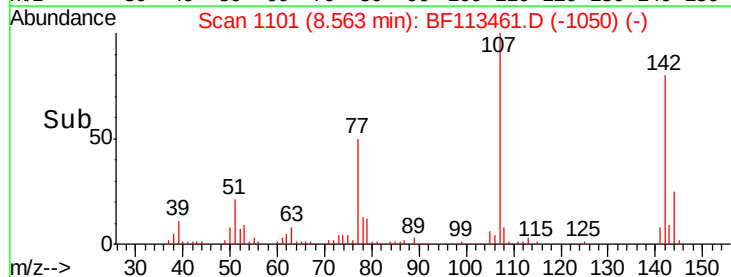
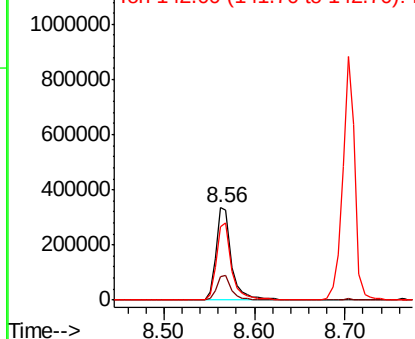


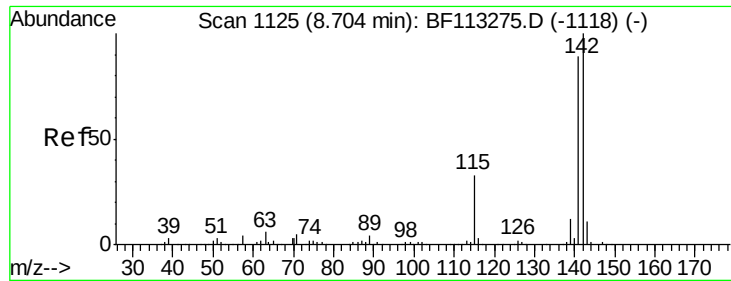
#36
 4-Chloro-3-methylphenol
 Concen: 45.577 ng
 RT: 8.56 min Scan# 1101
 Delta R.T. 0.00 min
 Lab File: BF113461.D
 Acq: 1 Apr 2019 12:36

Tgt Ion:107 Resp: 396008
 Ion Ratio Lower Upper
 107 100
 144 25.4 20.5 30.7
 142 79.7 63.9 95.9



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

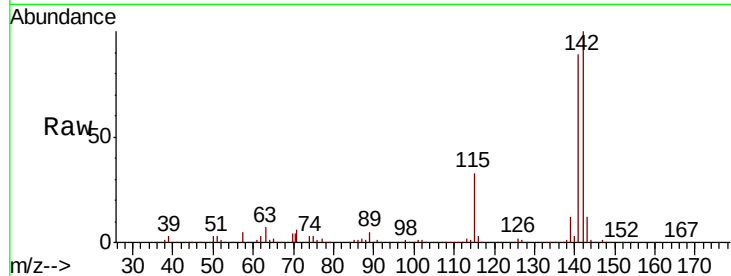




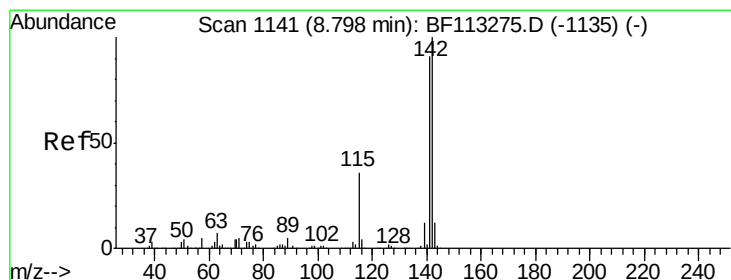
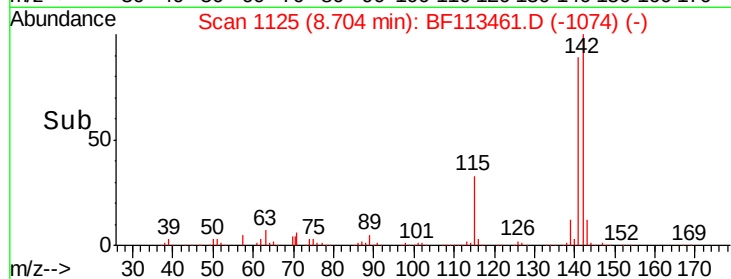
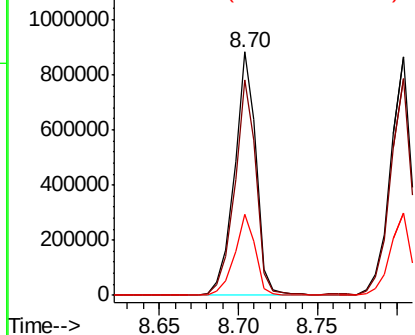
#37
2-Methylnaphthalene
Concen: 45.796 ng
RT: 8.70 min Scan# 1125
Delta R.T. 0.00 min
Lab File: BF113461.D
Acq: 1 Apr 2019 12:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 832712
Ion Ratio Lower Upper
142 100
141 88.6 69.2 103.8
115 33.2 26.6 39.8

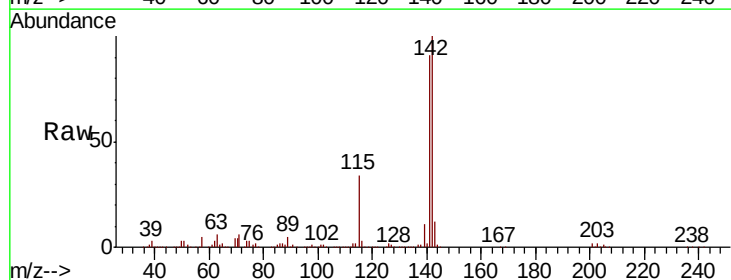


Abundance Ion 142.00 (141.70 to 142.70): E
1200000
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

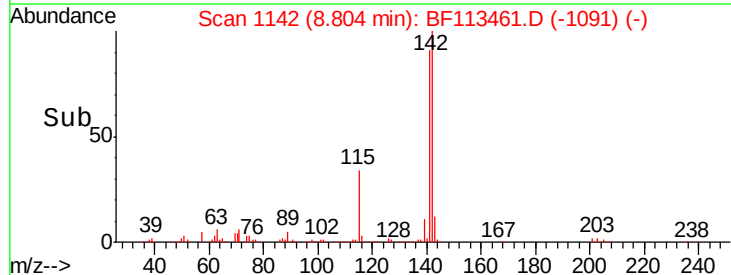
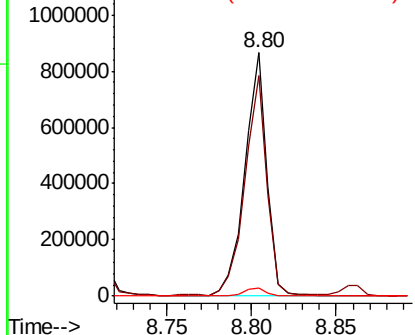


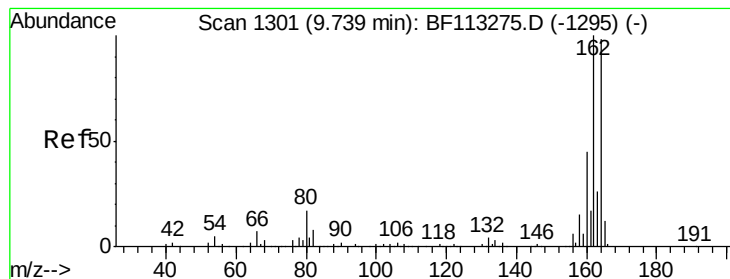
#38
1-Methylnaphthalene
Concen: 44.631 ng
RT: 8.80 min Scan# 1142
Delta R.T. 0.00 min
Lab File: BF113461.D
Acq: 1 Apr 2019 12:36

Tgt Ion:142 Resp: 780565
Ion Ratio Lower Upper
142 100
141 90.8 73.0 109.4
116 3.4 2.8 4.2



Abundance Ion 142.00 (141.70 to 142.70): E
1200000
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: 9.75 min Scan# 1302

Delta R.T. 0.00 min

Lab File: BF113461.D

Acq: 1 Apr 2019 12:36

Instrument :

BNA_F

ClientSampleId :

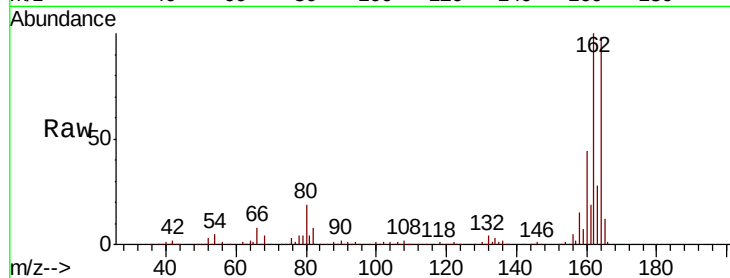
Tot Ion:164 Resp: 318634

Ion Ratio Lower Upper

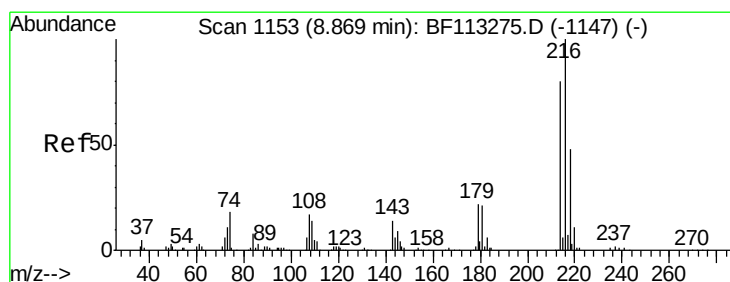
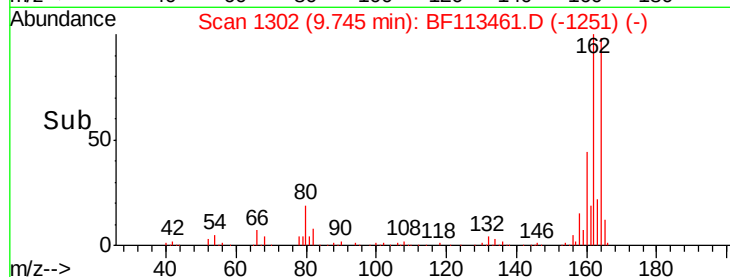
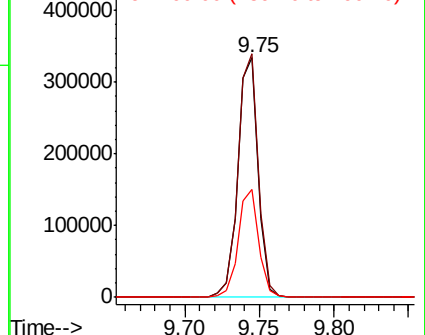
164 100

162 101.6 79.7 119.5

160 44.8 35.9 53.9



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.304 ng

RT: 8.87 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BF113461.D

Acq: 1 Apr 2019 12:36

Tgt Ion:216 Resp: 391772

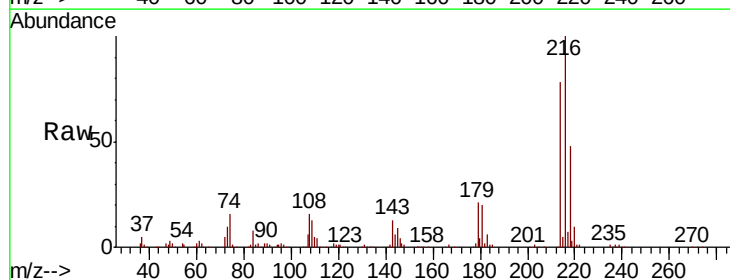
Ion Ratio Lower Upper

216 100

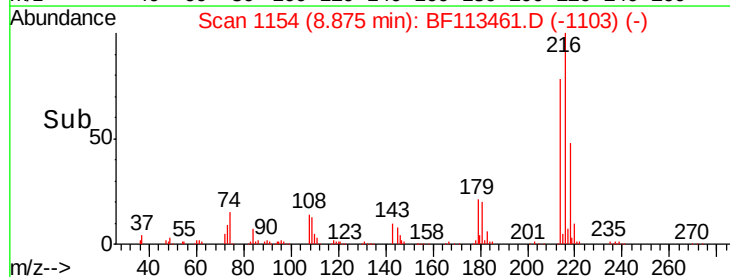
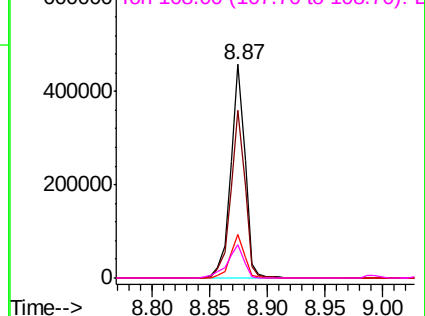
214 78.3 63.3 94.9

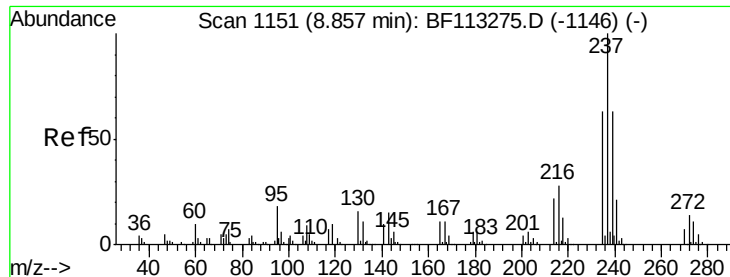
179 20.2 16.5 24.7

108 18.0 13.7 20.5



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 71.602 ng

RT: 8.86 min Scan# 1152

Delta R.T. 0.00 min

Lab File: BF113461.D

Acq: 1 Apr 2019 12:36

Instrument :

BNA_F

ClientSampleId :

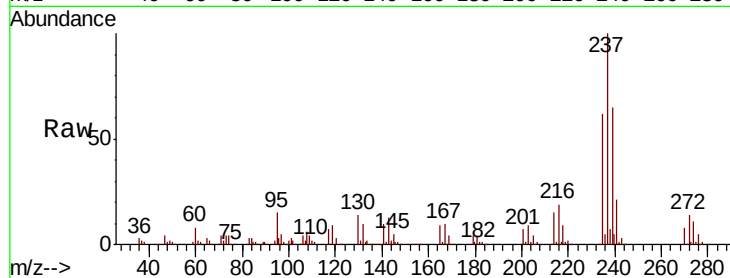
Tot Ion:237 Resp: 309984

Ion Ratio Lower Upper

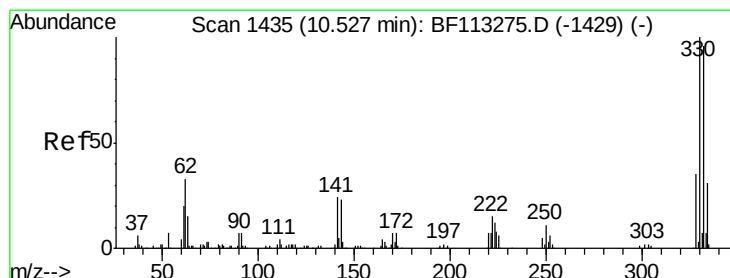
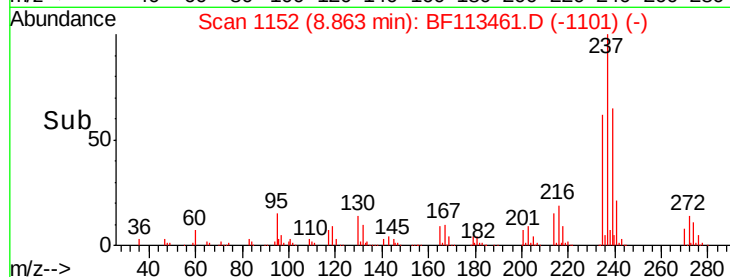
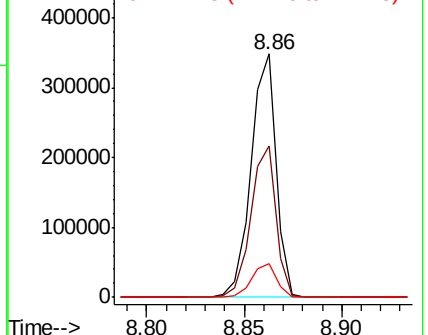
237 100

235 62.4 43.7 83.7

272 14.0 0.0 34.2



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: 126.666 ng

RT: 10.53 min Scan# 1436

Delta R.T. 0.00 min

Lab File: BF113461.D

Acq: 1 Apr 2019 12:36

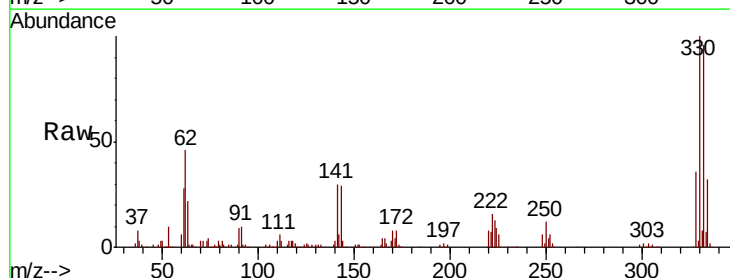
Tgt Ion:330 Resp: 498539

Ion Ratio Lower Upper

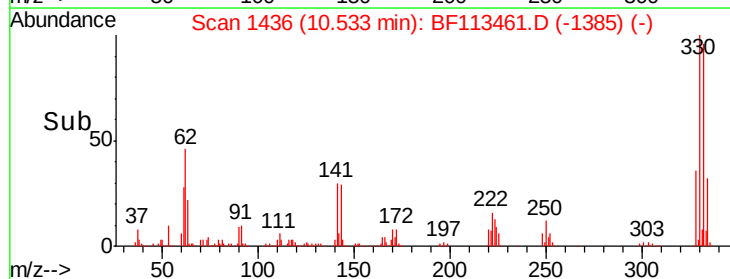
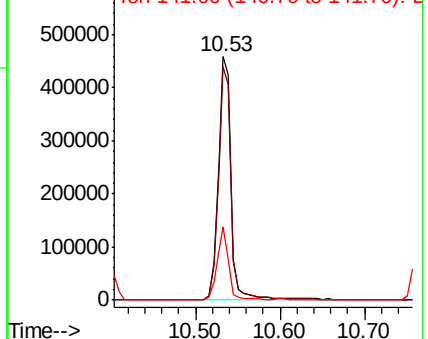
330 100

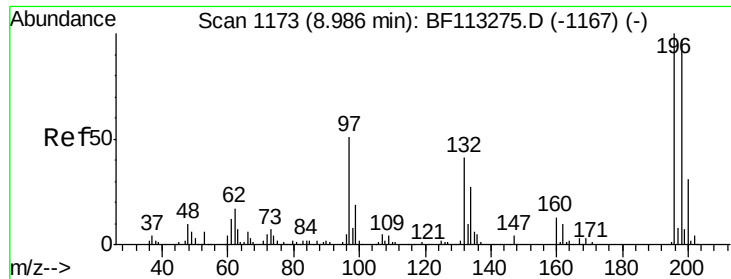
332 95.7 77.7 116.5

141 27.0 21.4 32.2



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

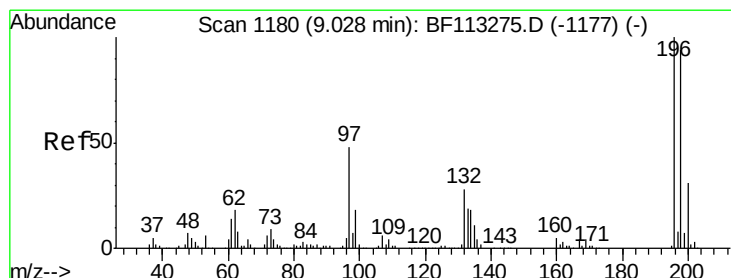
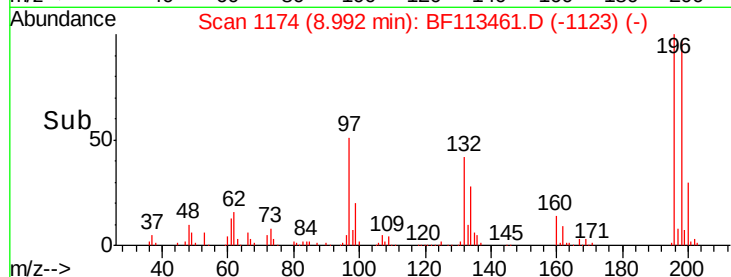
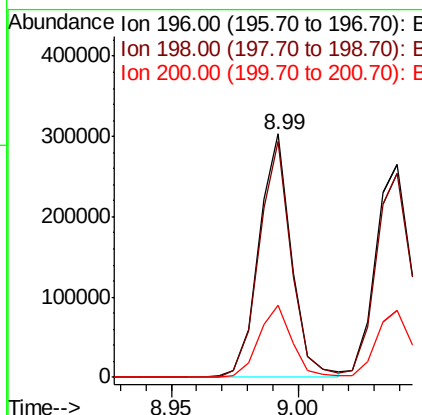
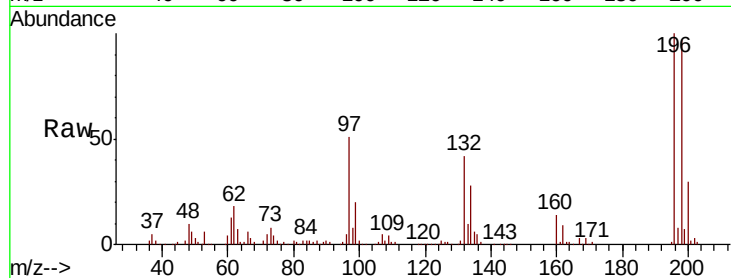




#43
 2,4,6-Trichlorophenol
 Concen: 40.793 ng
 RT: 8.99 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF113461.D
 Acq: 1 Apr 2019 12:36

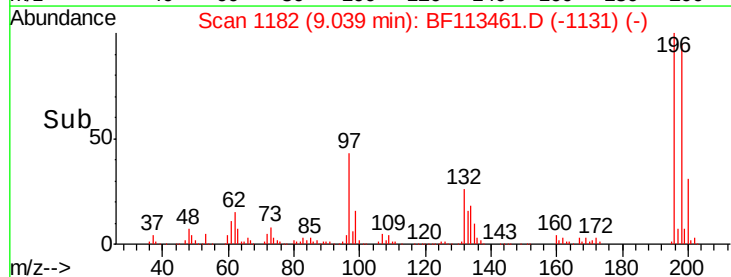
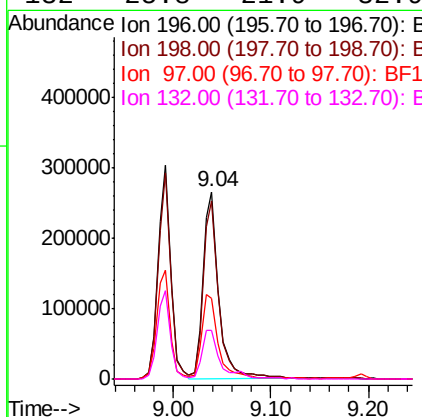
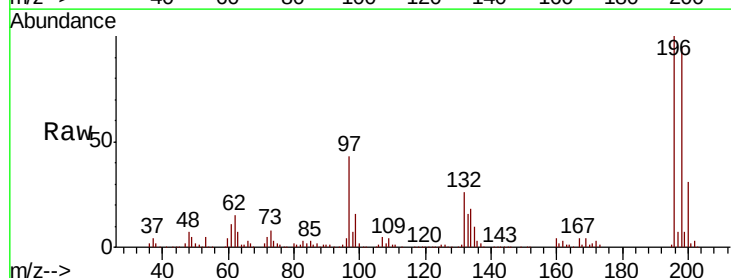
Instrument :
 BNA_F
 ClientSampled :

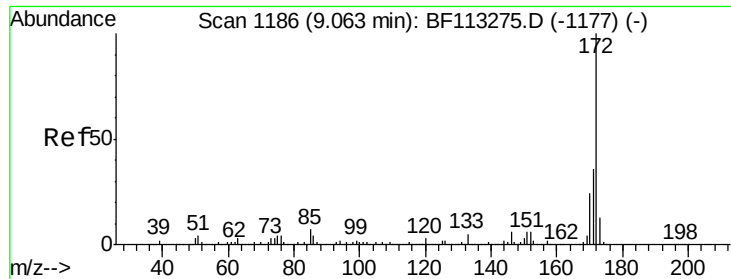
Tot Ion	196	Resp	271701
Ion Ratio	Lower	Upper	
196	100		
198	96.8	77.5	116.3
200	29.8	24.7	37.1



#44
 2,4,5-Trichlorophenol
 Concen: 40.377 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF113461.D
 Acq: 1 Apr 2019 12:36

Tgt Ion	196	Resp	297624
Ion Ratio	Lower	Upper	
196	100		
198	95.3	76.3	114.5
97	43.0	36.6	55.0
132	25.8	21.9	32.9

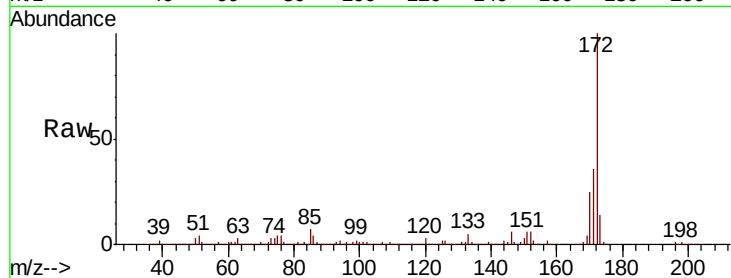




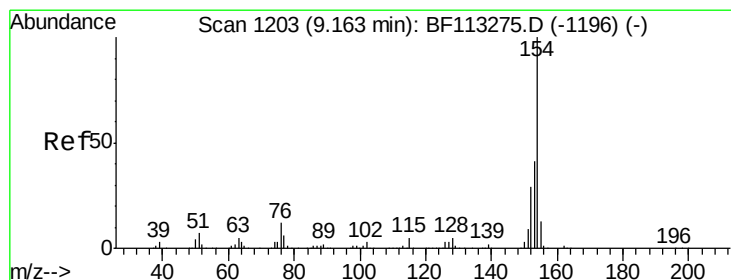
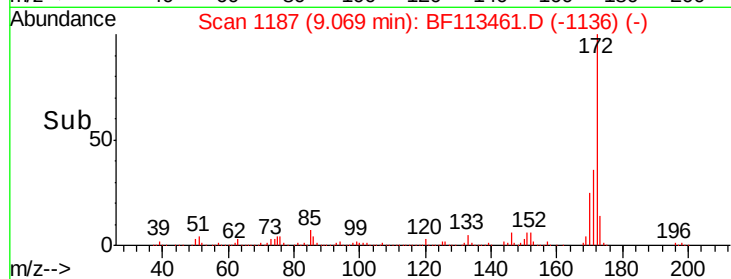
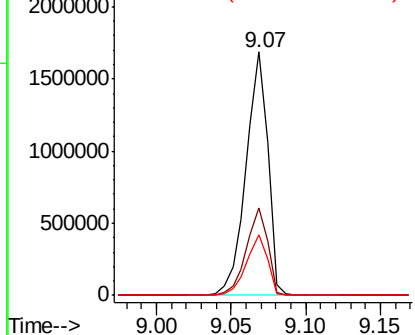
#45
2-Fluorobiphenyl
Concen: 83.432 ng
RT: 9.07 min Scan# 1187
Delta R.T. 0.00 min
Lab File: BF113461.D
Acq: 1 Apr 2019 12:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1702737
Ion Ratio Lower Upper
172 100
171 36.0 29.0 43.6
170 24.7 19.8 29.6

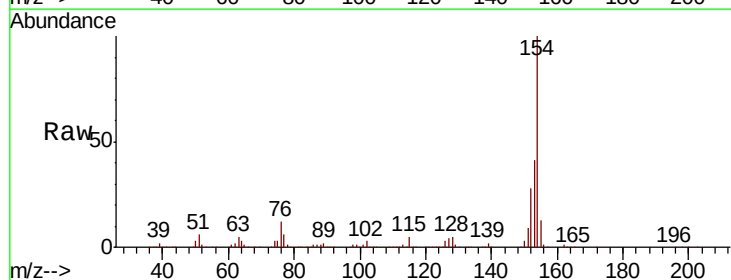


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

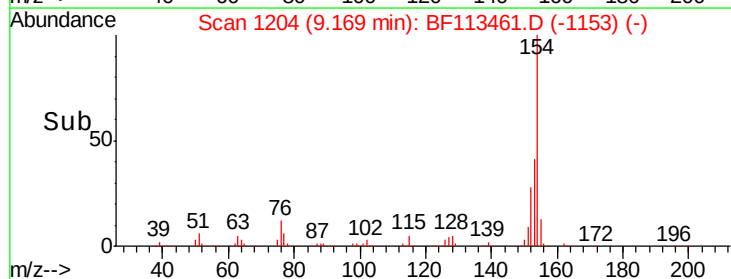
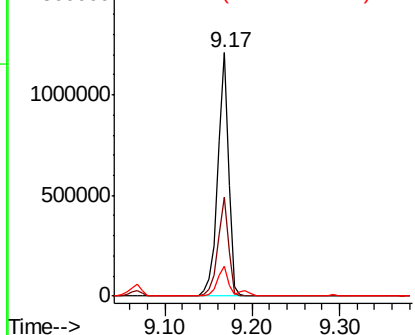


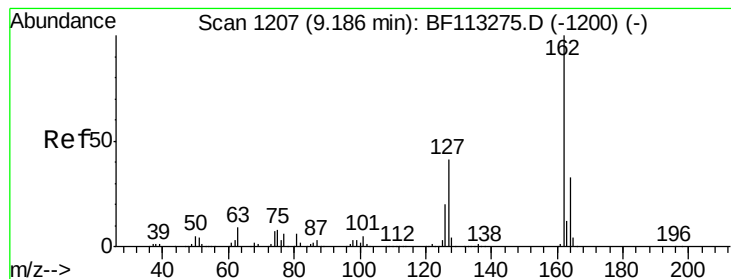
#46
1,1'-Biphenyl
Concen: 39.361 ng
RT: 9.17 min Scan# 1204
Delta R.T. 0.00 min
Lab File: BF113461.D
Acq: 1 Apr 2019 12:36

Tgt Ion:154 Resp: 1047472
Ion Ratio Lower Upper
154 100
153 40.7 20.9 60.9
76 12.4 0.0 33.2



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





#47

2-Chloronaphthalene

Concen: 38.785 ng

RT: 9.19 min Scan# 1208

Delta R.T. 0.00 min

Lab File: BF113461.D

Acq: 1 Apr 2019 12:36

Instrument :

BNA_F

ClientSampled :

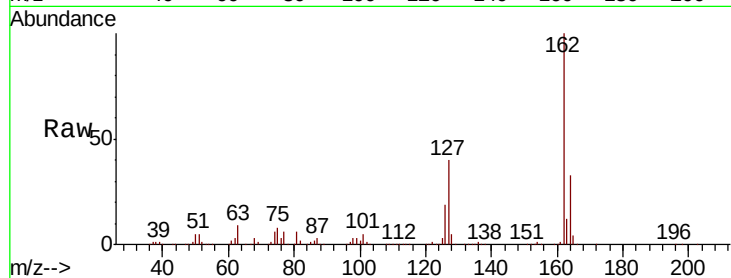
Tot Ion:162 Resp: 794707

Ion Ratio Lower Upper

162 100

127 40.3 33.2 49.8

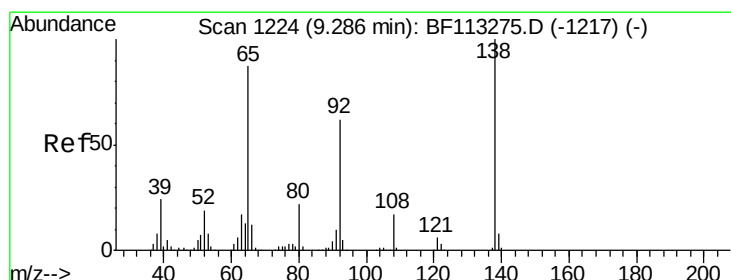
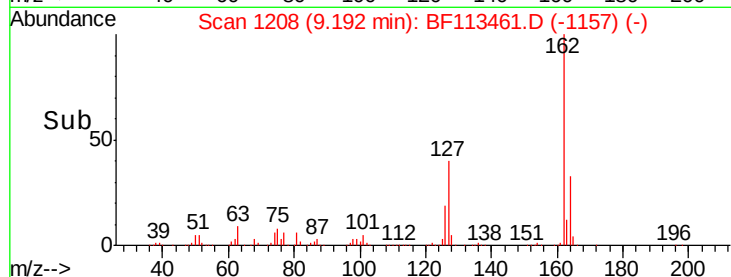
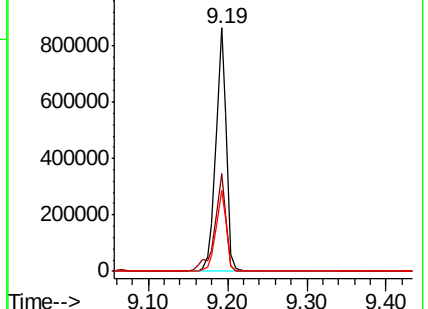
164 33.1 26.8 40.2



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 39.875 ng

RT: 9.29 min Scan# 1225

Delta R.T. 0.00 min

Lab File: BF113461.D

Acq: 1 Apr 2019 12:36

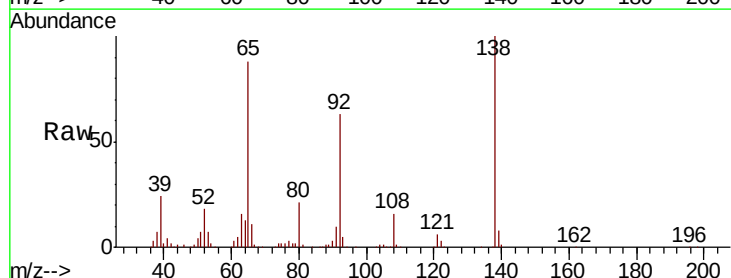
Tgt Ion: 65 Resp: 256404

Ion Ratio Lower Upper

65 100

92 71.5 55.3 82.9

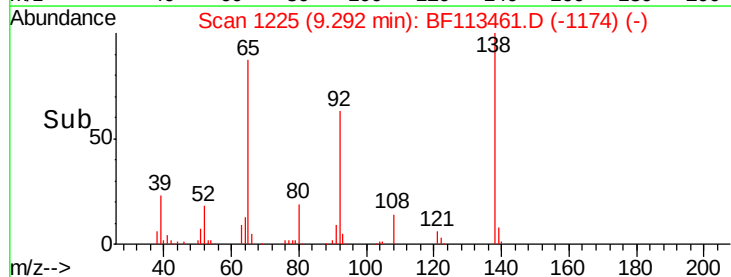
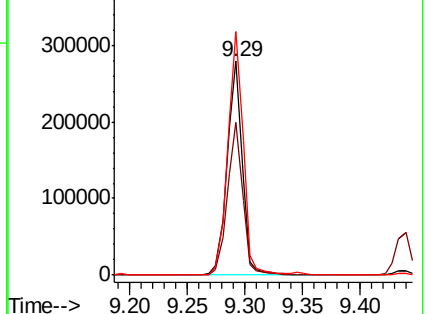
138 114.0 89.5 134.3

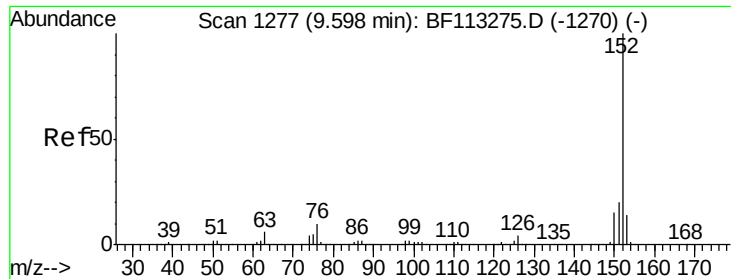


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 38.642 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BF113461.D

Acq: 1 Apr 2019 12:36

Instrument :

BNA_F

ClientSampleId :

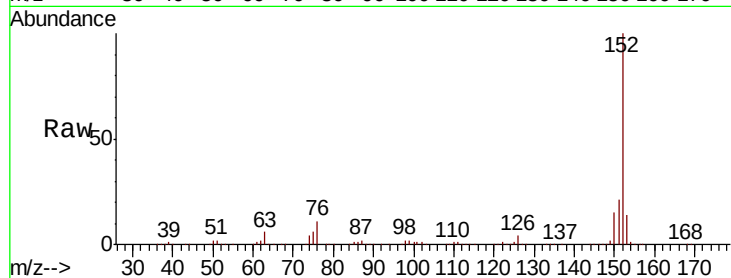
Tot Ion:152 Resp: 1280221

Ion Ratio Lower Upper

152 100

151 20.6 16.5 24.7

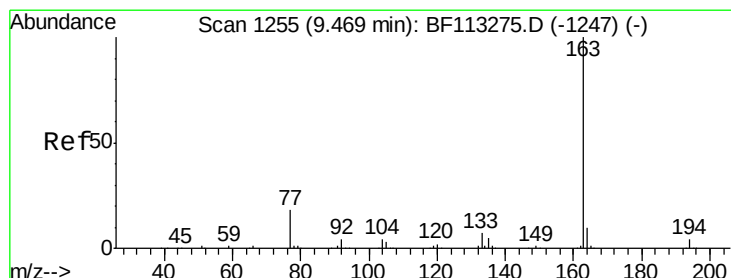
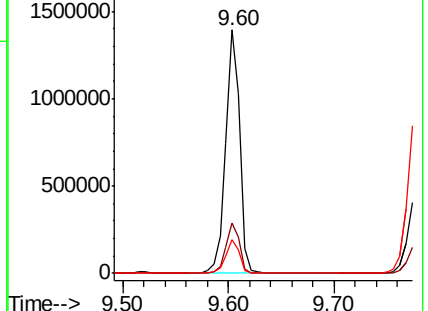
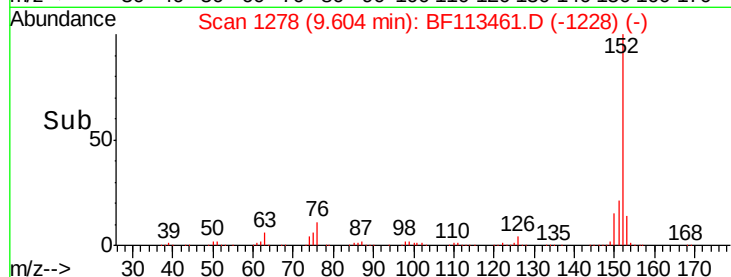
153 14.0 10.8 16.2



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: 42.314 ng

RT: 9.47 min Scan# 1255

Delta R.T. 0.00 min

Lab File: BF113461.D

Acq: 1 Apr 2019 12:36

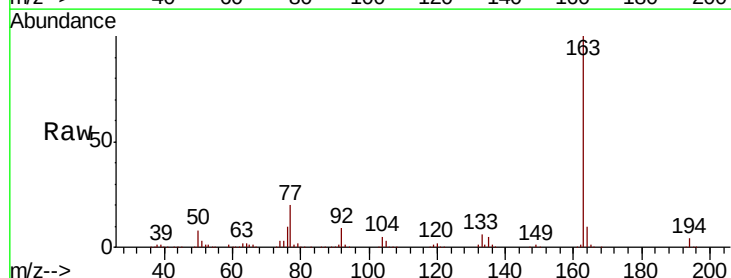
Tgt Ion:163 Resp: 999177

Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

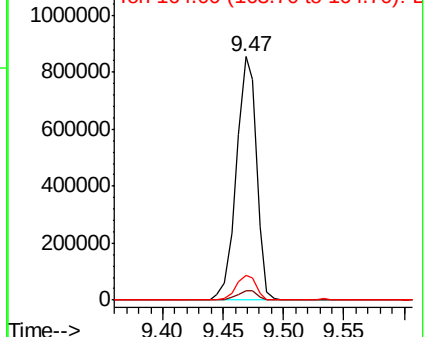
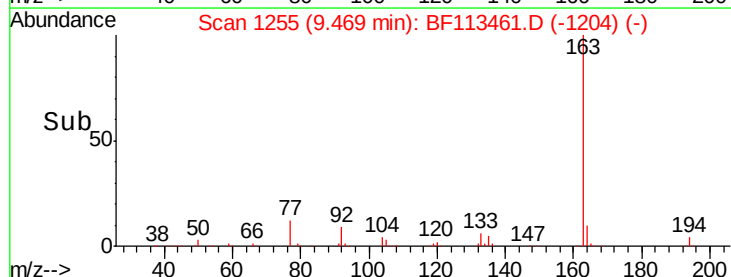
164 10.4 8.3 12.5

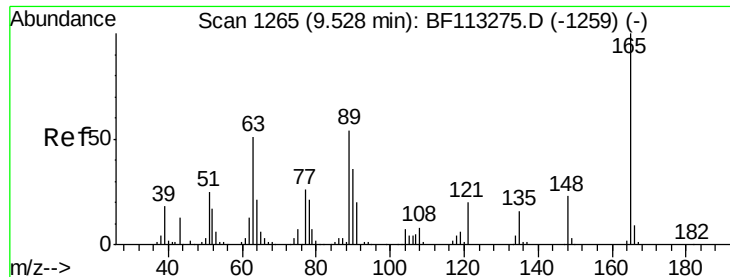


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 41.378 ng

RT: 9.53 min Scan# 1266

Delta R.T. -0.01 min

Lab File: BF113461.D

Acq: 1 Apr 2019 12:36

Instrument :

BNA_F

ClientSampleId :

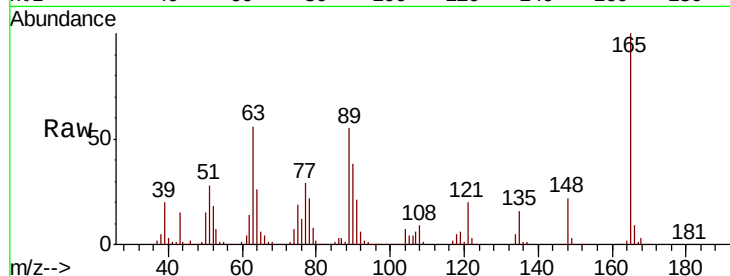
Tot Ion:165 Resp: 220427

Ion Ratio Lower Upper

165 100

63 55.6 38.3 57.5

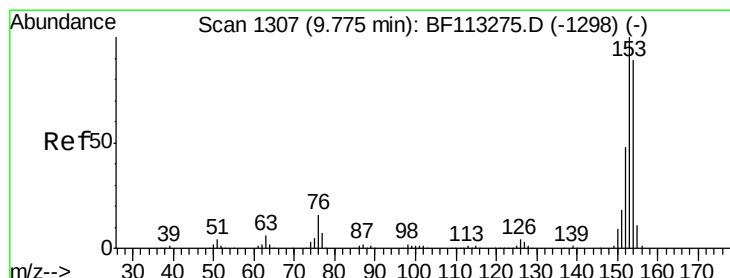
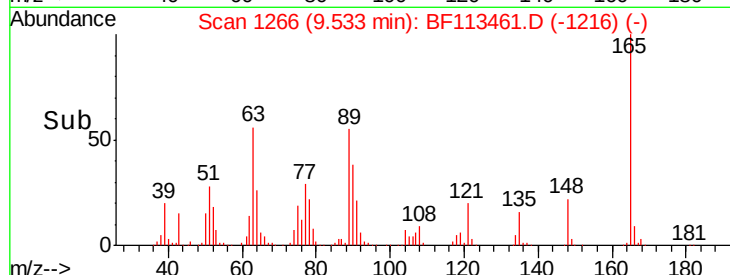
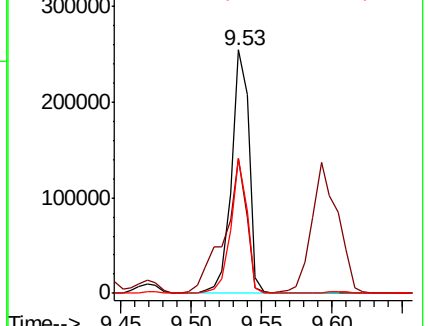
89 55.3 38.6 58.0



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



#52

Acenaphthene

Concen: 39.733 ng

RT: 9.78 min Scan# 1308

Delta R.T. 0.00 min

Lab File: BF113461.D

Acq: 1 Apr 2019 12:36

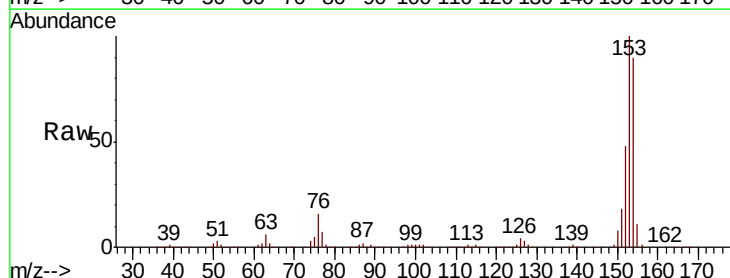
Tgt Ion:154 Resp: 741311

Ion Ratio Lower Upper

154 100

153 110.8 89.1 133.7

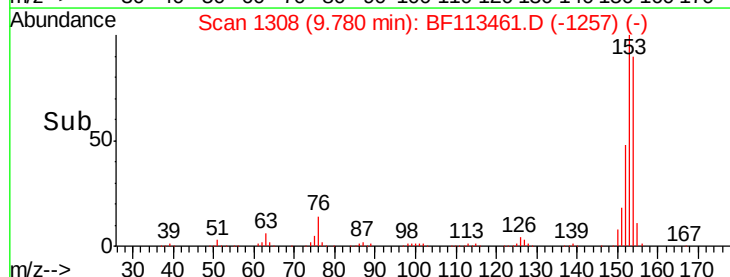
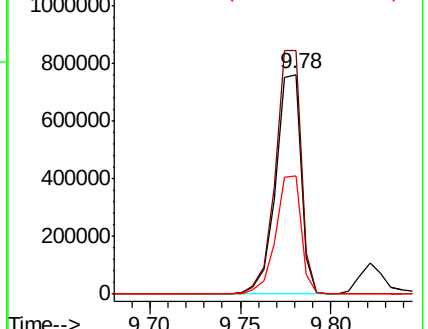
152 53.6 43.0 64.4

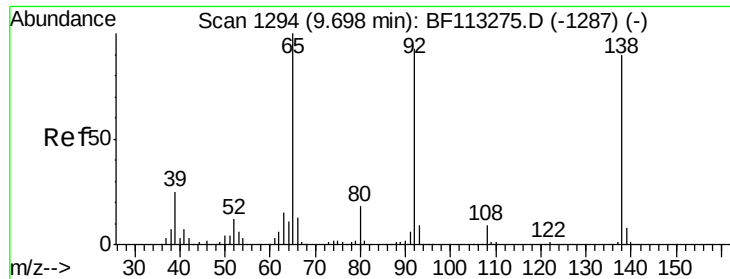


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

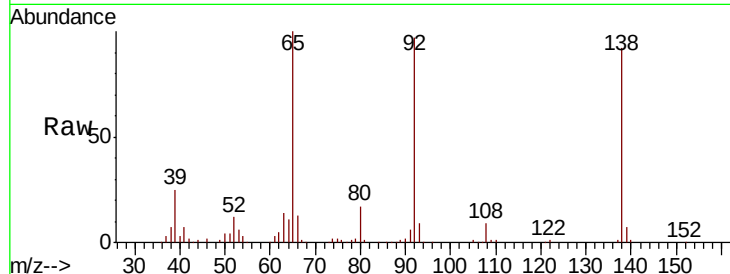




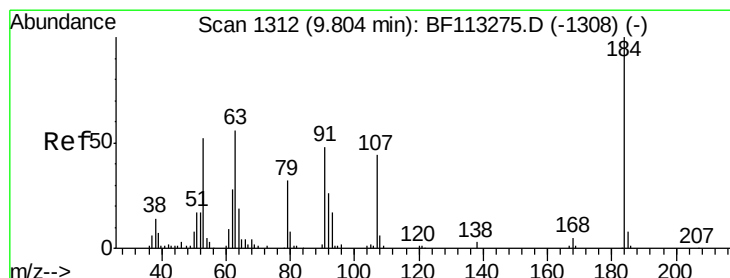
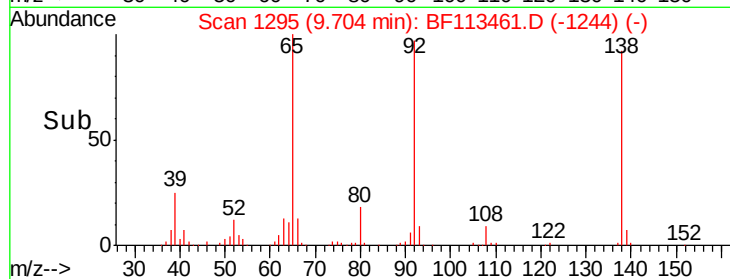
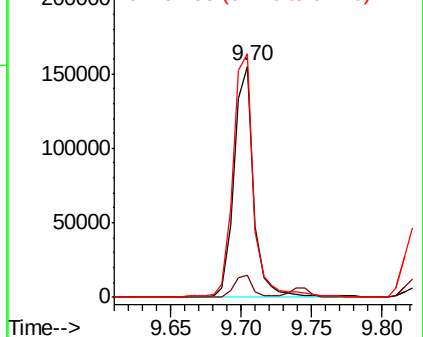
#53
3-Nitroaniline
Concen: 25.046 ng
RT: 9.70 min Scan# 1295
Delta R.T. 0.00 min
Lab File: BF113461.D
Acq: 1 Apr 2019 12:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 150461
Ion Ratio Lower Upper
138 100
108 9.6 7.6 11.4
92 105.3 90.3 135.5

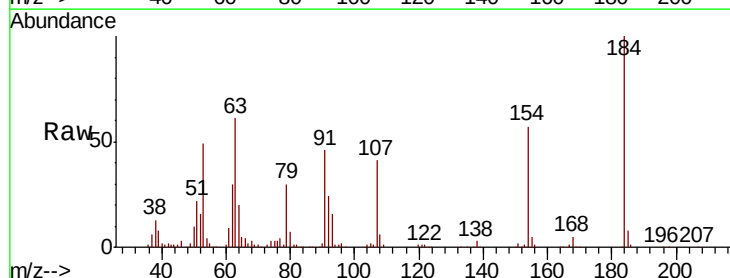


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

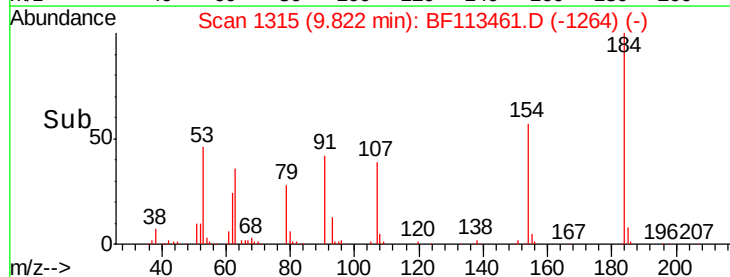
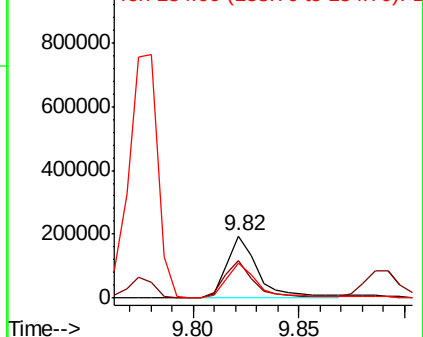


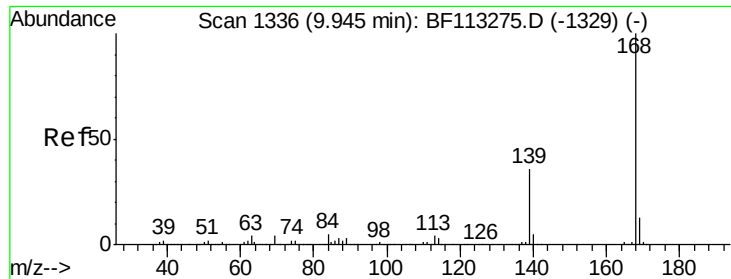
#54
2,4-Dinitrophenol
Concen: 75.431 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BF113461.D
Acq: 1 Apr 2019 12:36

Tgt Ion:184 Resp: 199855
Ion Ratio Lower Upper
184 100
63 61.0 47.1 70.7
154 56.7 44.3 66.5



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

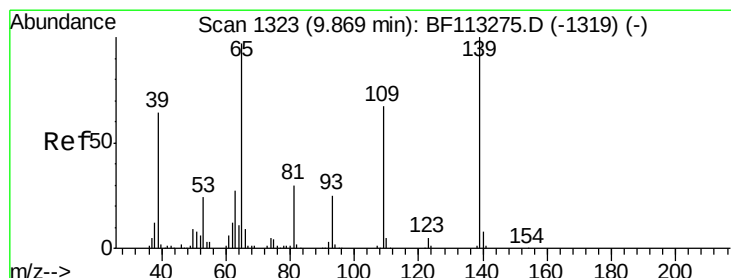
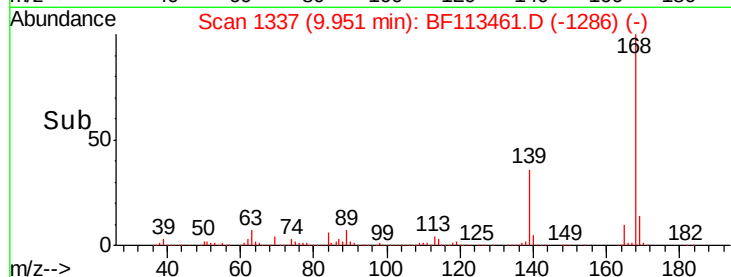
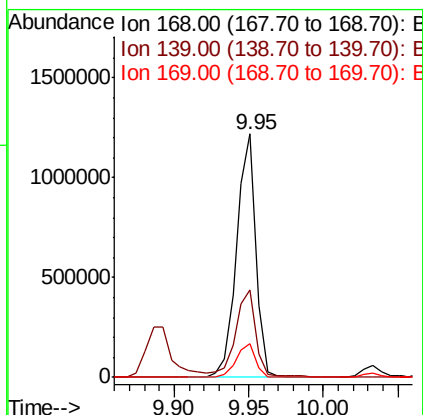
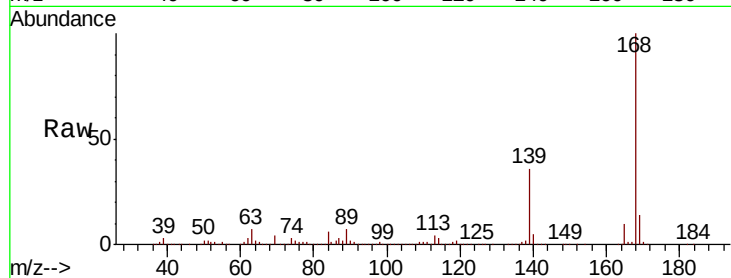




#55
Dibenzofuran
Concen: 39.426 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BF113461.D
Acq: 1 Apr 2019 12:36

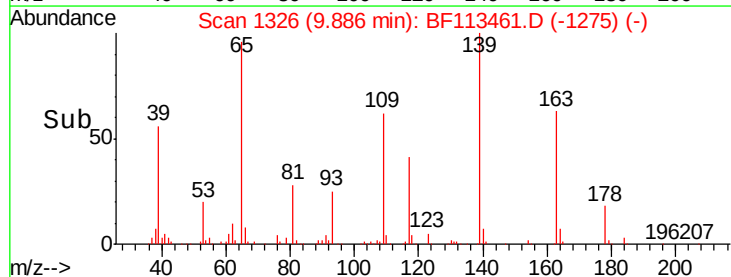
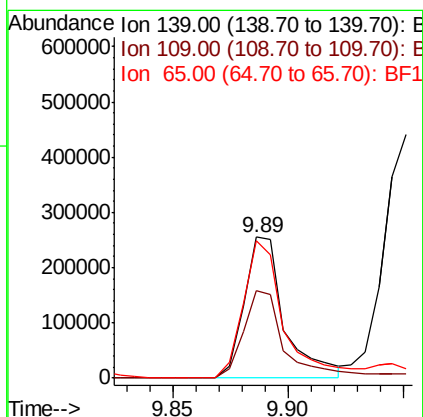
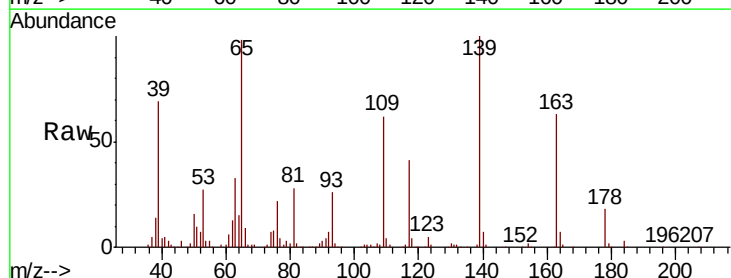
Instrument :
BNA_F
ClientSampleId :

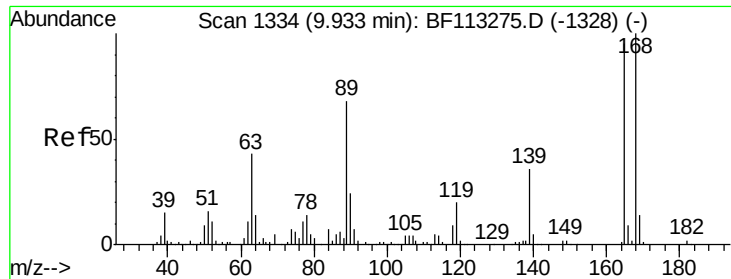
Tot Ion:168 Resp: 1105832
Ion Ratio Lower Upper
168 100
139 36.1 29.1 43.7
169 13.8 10.8 16.2



#56
4-Nitrophenol
Concen: 72.964 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF113461.D
Acq: 1 Apr 2019 12:36

Tgt Ion:139 Resp: 312499
Ion Ratio Lower Upper
139 100
109 61.9 39.0 79.0
65 97.6 65.7 105.7

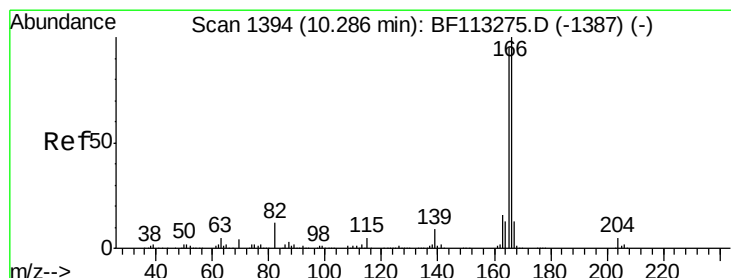
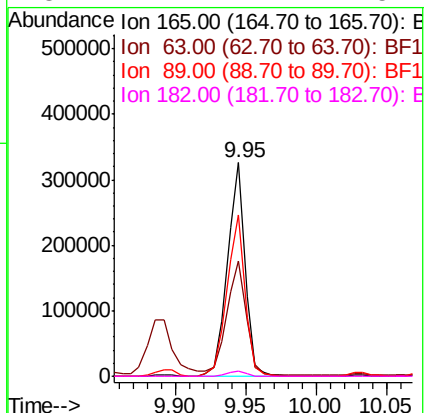
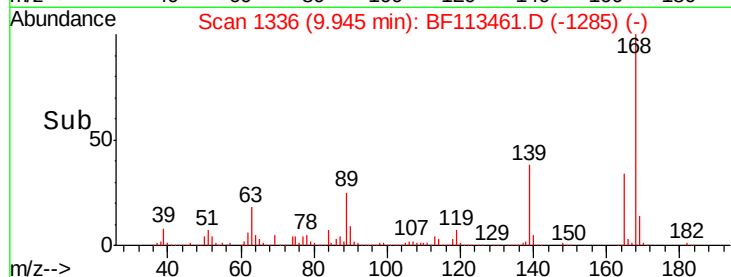
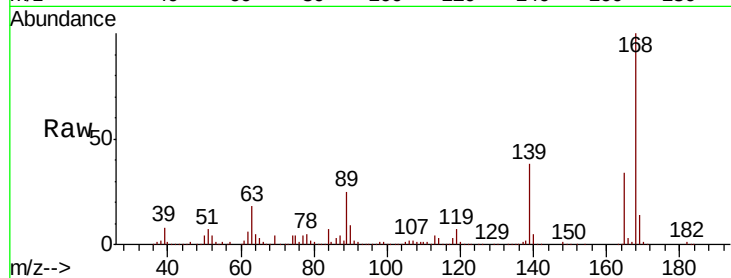




#57
 2,4-Dinitrotoluene
 Concen: 41.800 ng
 RT: 9.95 min Scan# 1336
 Delta R.T. 0.00 min
 Lab File: BF113461.D
 Acq: 1 Apr 2019 12:36

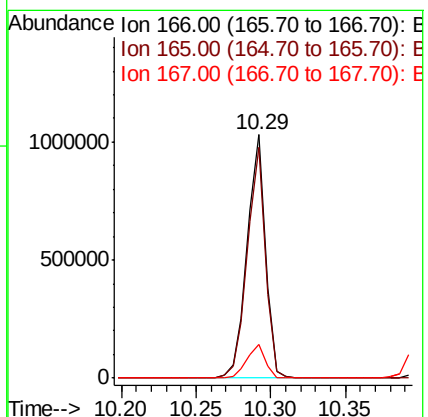
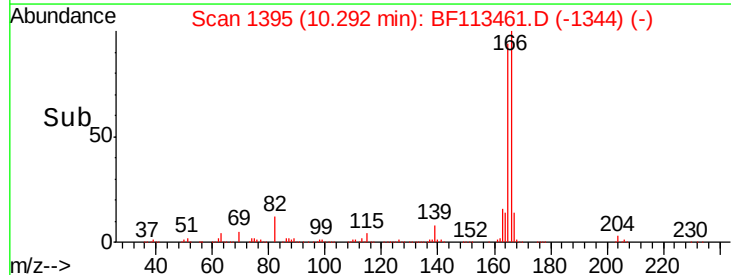
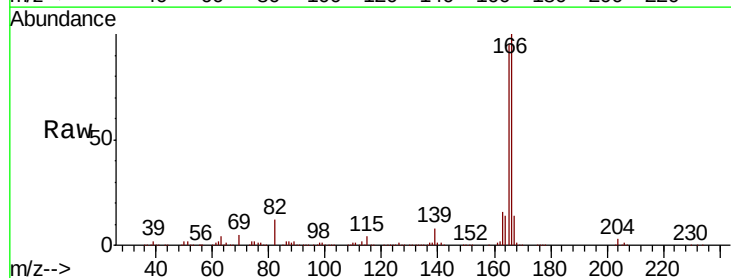
Instrument :
 BNA_F
 ClientSampled :

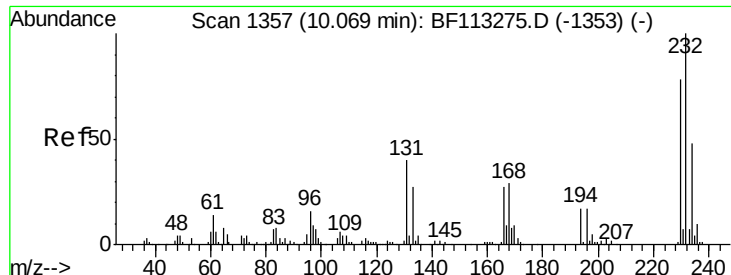
Tot Ion:	165	Resp:	283171
Ion	Ratio	Lower	Upper
165	100		
63	54.2	45.6	68.4
89	75.3	61.8	92.8
182	2.4	2.1	3.1



#58
 Fluorene
 Concen: 40.372 ng
 RT: 10.29 min Scan# 1395
 Delta R.T. 0.00 min
 Lab File: BF113461.D
 Acq: 1 Apr 2019 12:36

Tgt Ion:	166	Resp:	879683
Ion	Ratio	Lower	Upper
166	100		
165	94.6	75.8	113.6
167	13.6	11.2	16.8

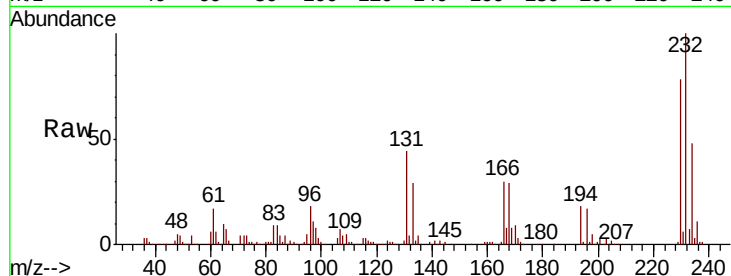




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.367 ng
RT: 10.07 min Scan# 1358
Delta R.T. 0.00 min
Lab File: BF113461.D
Acq: 1 Apr 2019 12:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	40.4	32.2	48.2
130	1.8	1.5	2.3
166	26.3	21.0	31.6



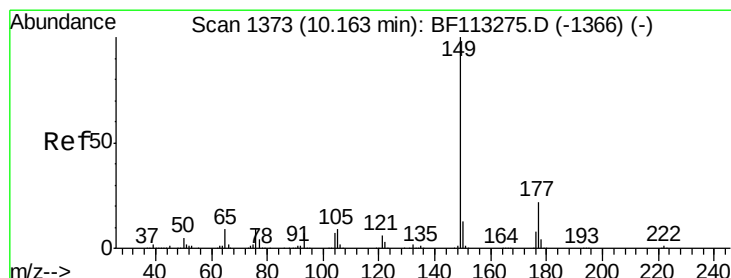
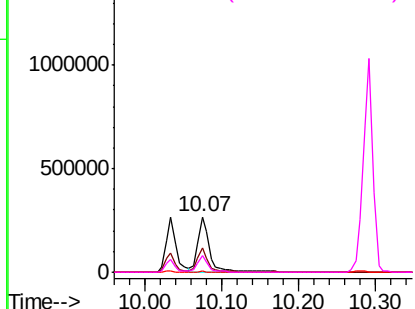
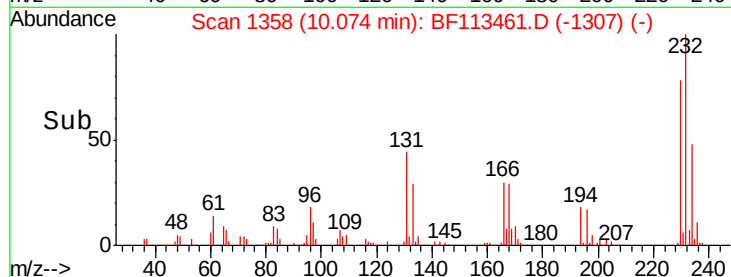
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

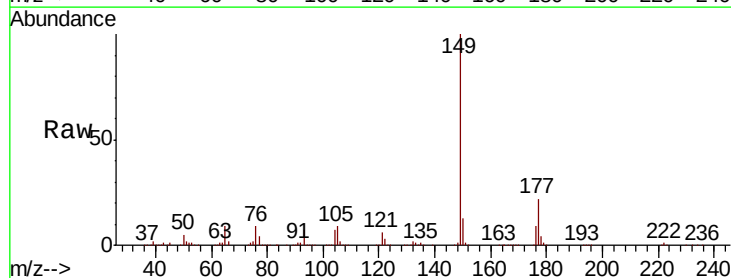
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 44.422 ng
RT: 10.17 min Scan# 1374
Delta R.T. 0.00 min
Lab File: BF113461.D
Acq: 1 Apr 2019 12:36

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.3	17.8	26.8
150	13.0	10.3	15.5

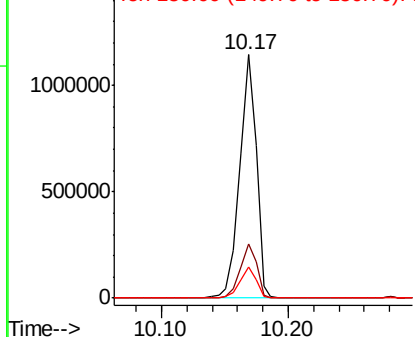
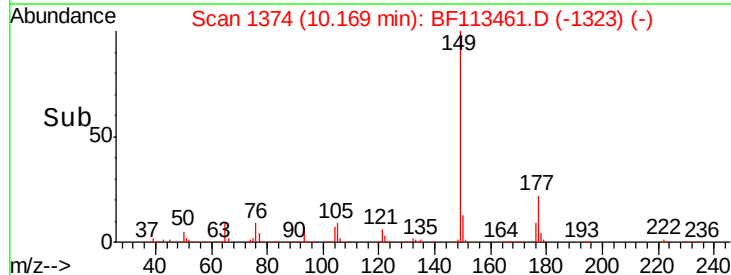


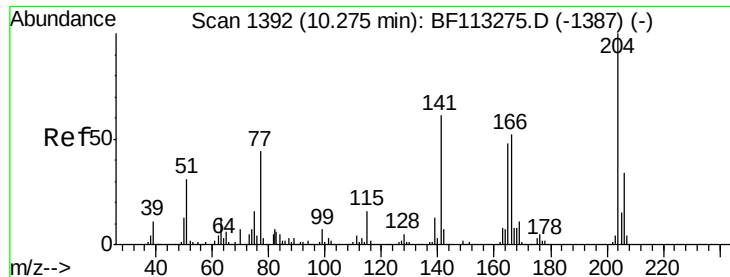
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

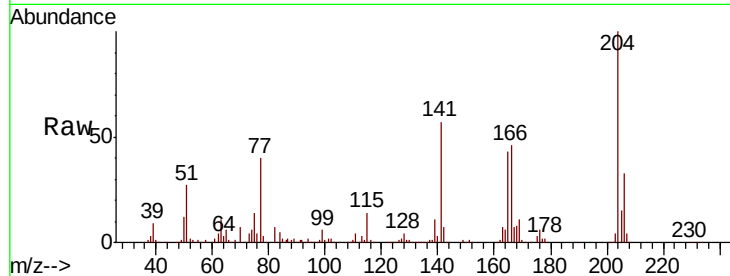




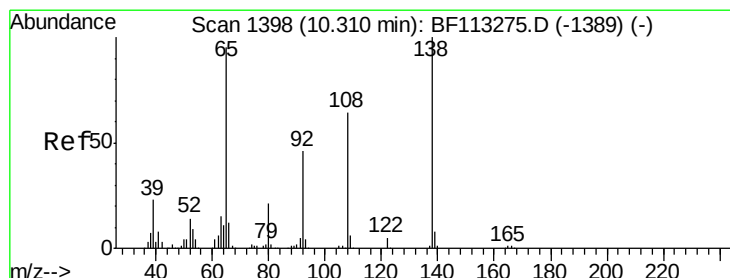
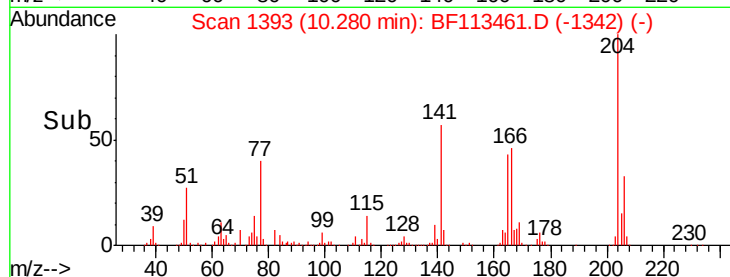
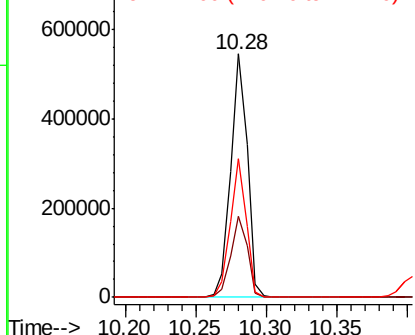
#61
4-Chlorophenyl-phenylether
Concen: 42.240 ng
RT: 10.28 min Scan# 1393
Delta R.T. 0.00 min
Lab File: BF113461.D
Acq: 1 Apr 2019 12:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 448575
Ion Ratio Lower Upper
204 100
206 33.4 26.6 39.8
141 56.8 46.3 69.5

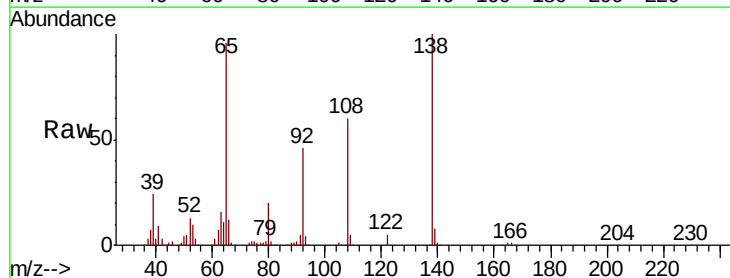


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

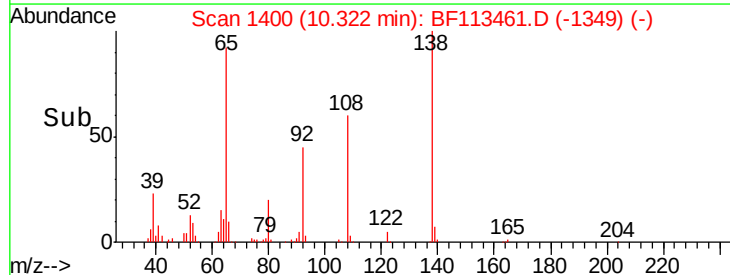
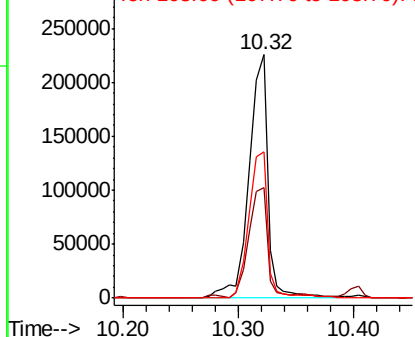


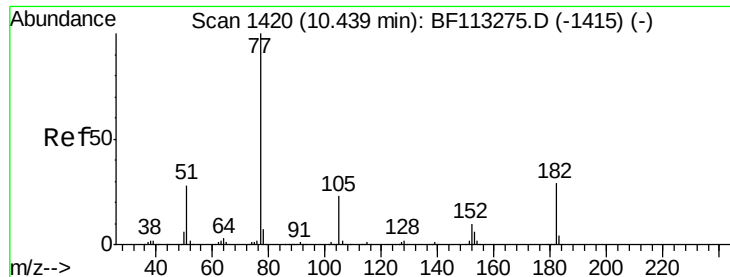
#62
4-Nitroaniline
Concen: 41.692 ng
RT: 10.32 min Scan# 1400
Delta R.T. 0.00 min
Lab File: BF113461.D
Acq: 1 Apr 2019 12:36

Tgt Ion:138 Resp: 257878
Ion Ratio Lower Upper
138 100
92 45.5 26.4 66.4
108 60.3 41.3 81.3



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: 41.827 ng

RT: 10.45 min Scan# 1421

Delta R.T. 0.00 min

Lab File: BF113461.D

Acq: 1 Apr 2019 12:36

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 912049

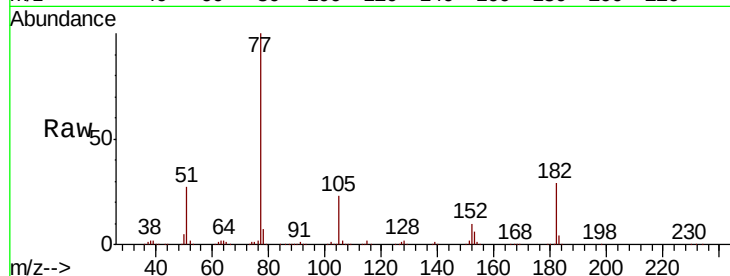
Ion Ratio Lower Upper

77 100

182 29.0 8.7 48.7

105 23.5 3.3 43.3

51 27.0 8.2 48.2

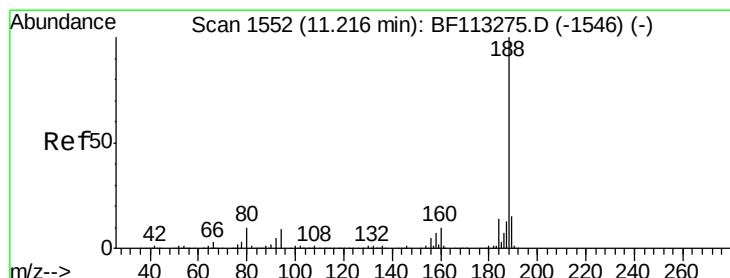
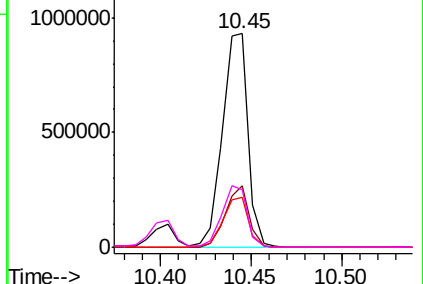
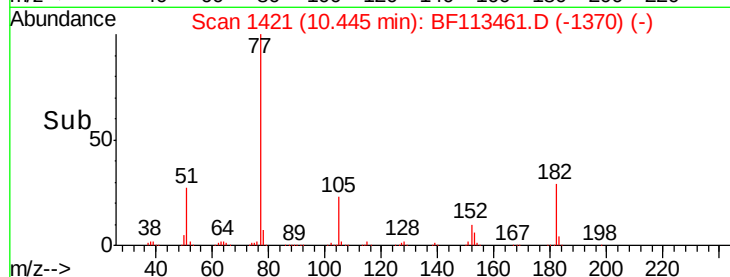


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.22 min Scan# 1553

Delta R.T. 0.00 min

Lab File: BF113461.D

Acq: 1 Apr 2019 12:36

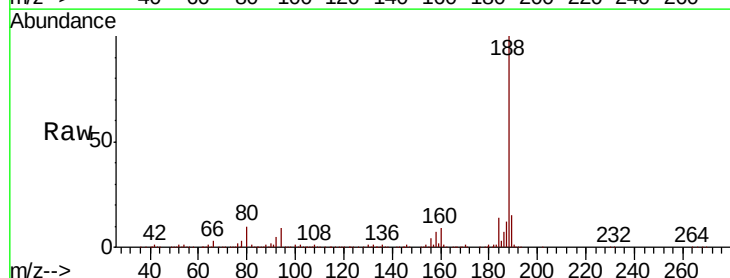
Tgt Ion: 188 Resp: 696200

Ion Ratio Lower Upper

188 100

94 9.2 7.8 11.6

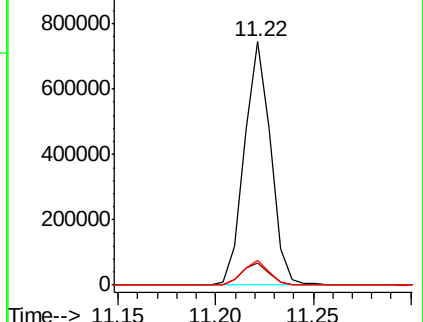
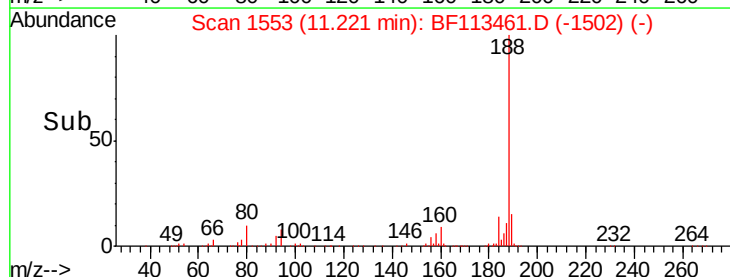
80 10.0 8.2 12.2

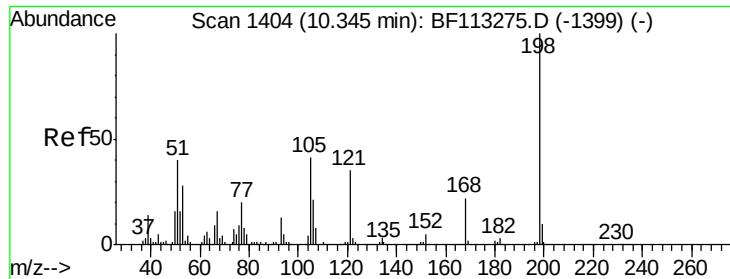


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

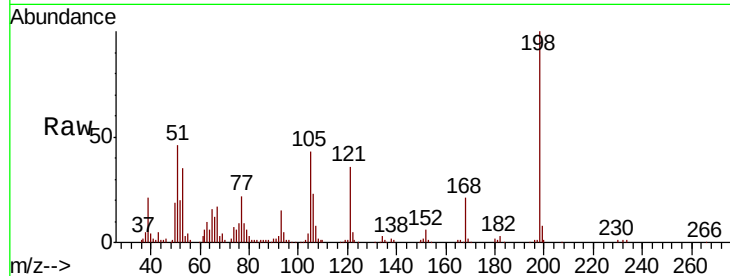




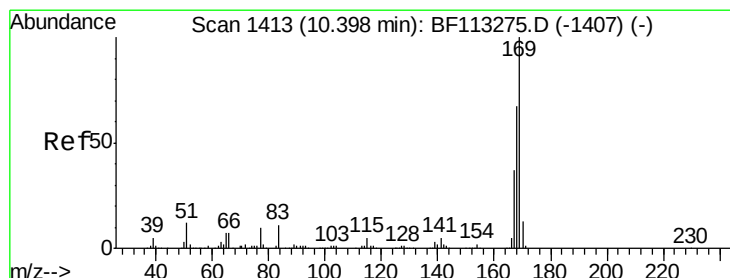
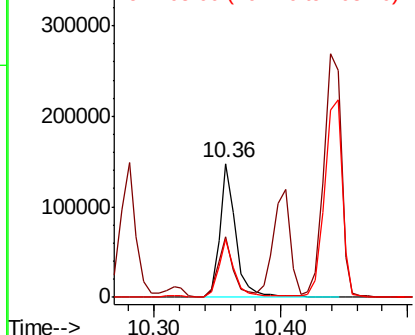
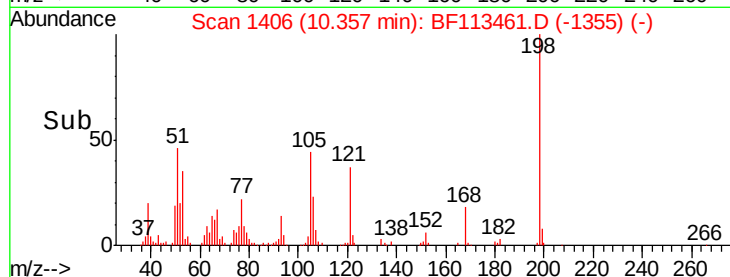
#65
 4,6-Dinitro-2-methylphenol
 Concen: 34.608 ng
 RT: 10.36 min Scan# 1406
 Delta R.T. 0.00 min
 Lab File: BF113461.D
 Acq: 1 Apr 2019 12:36

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:198 Resp: 131805
 Ion Ratio Lower Upper
 198 100
 51 45.6 25.9 65.9
 105 43.4 24.7 64.7

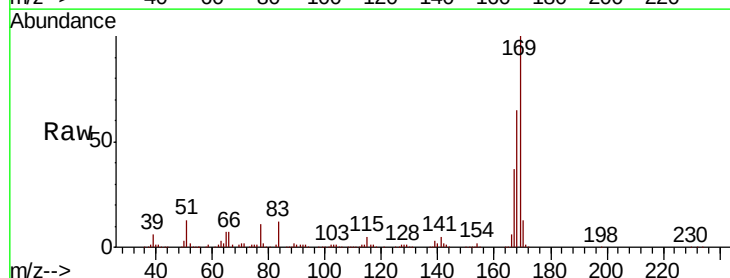


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

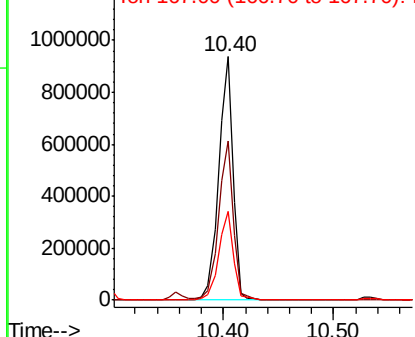
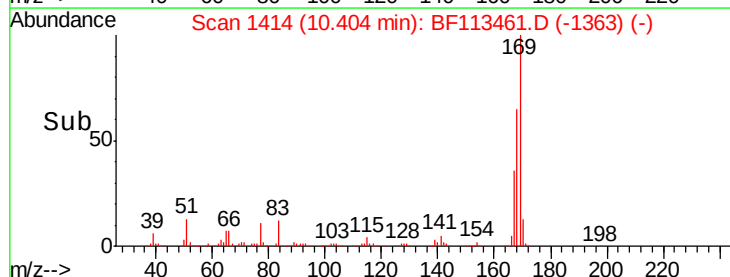


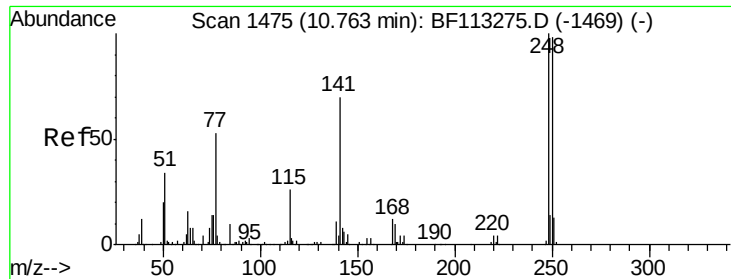
#66
 n-Nitrosodiphenylamine
 Concen: 39.523 ng
 RT: 10.40 min Scan# 1414
 Delta R.T. 0.00 min
 Lab File: BF113461.D
 Acq: 1 Apr 2019 12:36

Tgt Ion:169 Resp: 844344
 Ion Ratio Lower Upper
 169 100
 168 65.4 53.0 79.6
 167 36.6 29.4 44.0



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

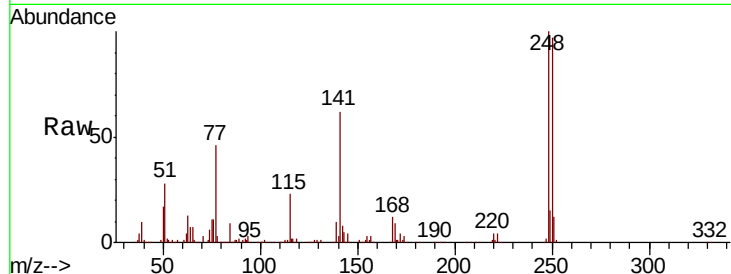




#67
4-Bromophenyl-phenylether
Concen: 39.555 ng
RT: 10.77 min Scan# 1476
Delta R.T. 0.00 min
Lab File: BF113461.D
Acq: 1 Apr 2019 12:36

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.7	77.5	116.3
141	62.1	54.0	81.0

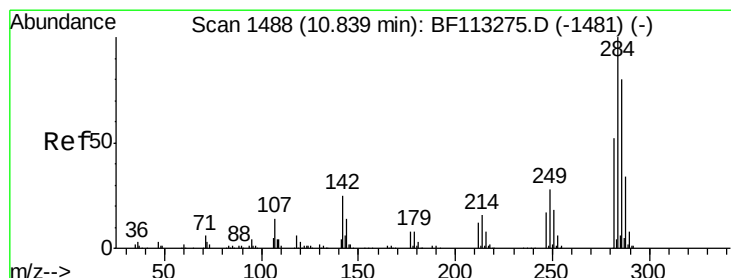
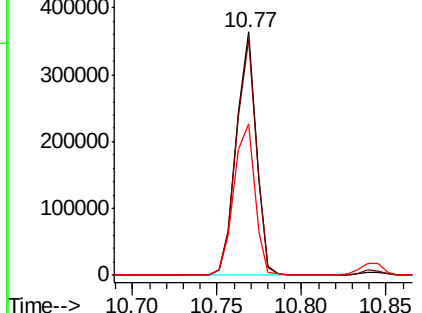
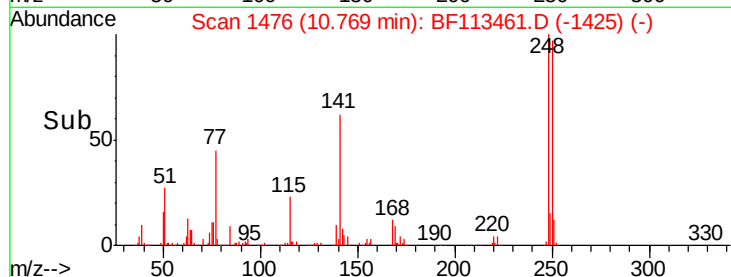


Abundance

Ion 248.00 (247.70 to 248.70): E

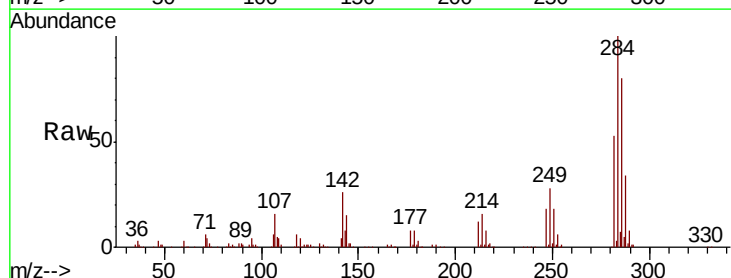
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 40.024 ng
RT: 10.85 min Scan# 1489
Delta R.T. 0.00 min
Lab File: BF113461.D
Acq: 1 Apr 2019 12:36

Tgt Ion	Ratio	Lower	Upper
284	100		
142	26.2	22.3	33.5
249	28.0	23.0	34.4

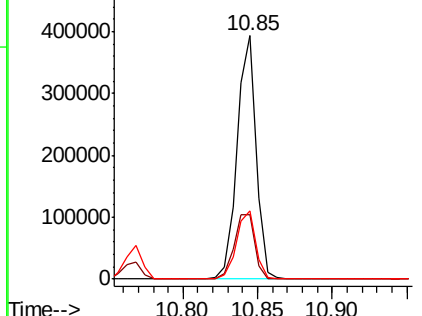
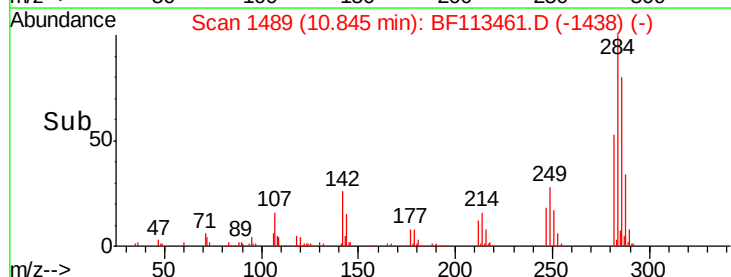


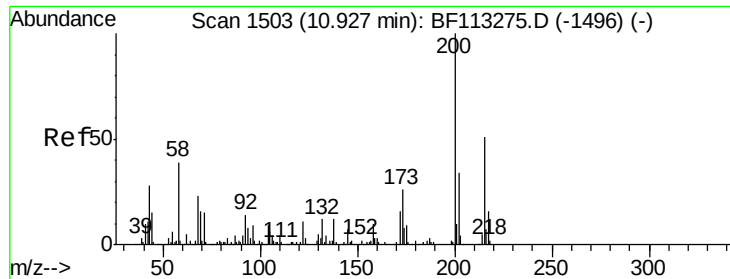
Abundance

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

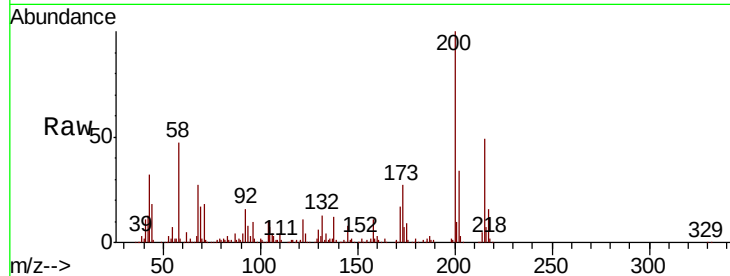




#69
Atrazine
Concen: 39.985 ng
RT: 10.93 min Scan# 1504
Delta R.T. 0.00 min
Lab File: BF113461.D
Acq: 1 Apr 2019 12:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.5	7.8	47.8
215	49.1	30.0	70.0

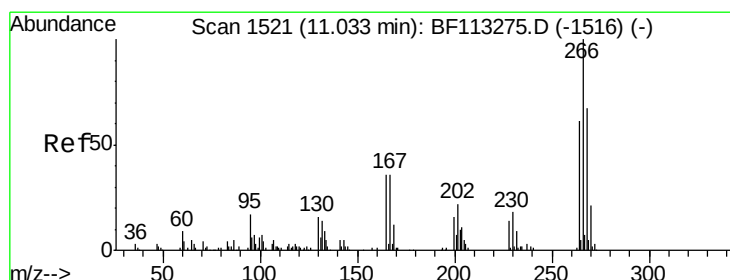
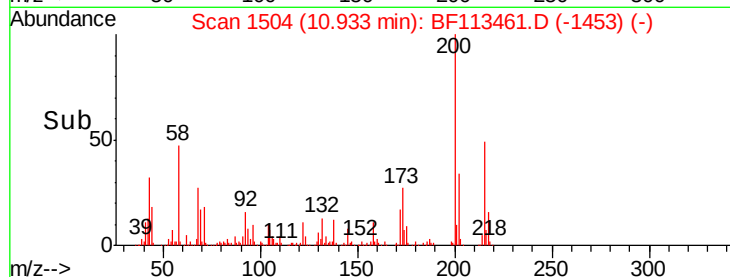
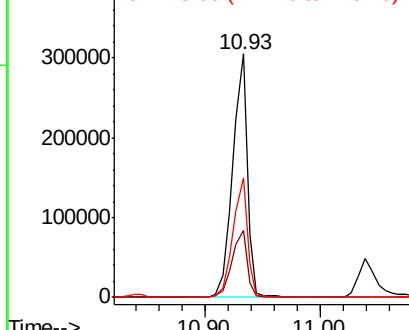


Abundance

Ion 200.00 (199.70 to 200.70): E

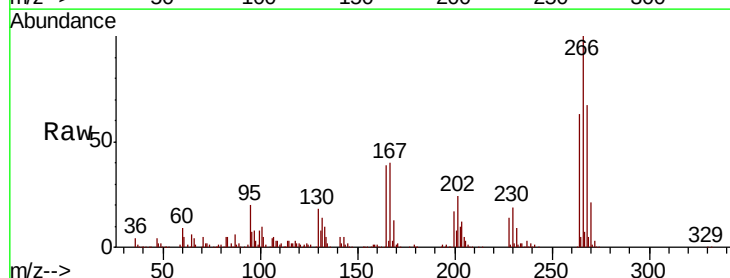
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 79.189 ng
RT: 11.04 min Scan# 1522
Delta R.T. 0.00 min
Lab File: BF113461.D
Acq: 1 Apr 2019 12:36

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.6	54.9	82.3
264	63.4	51.4	77.0

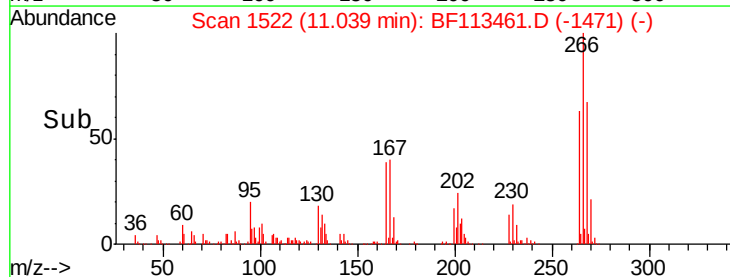
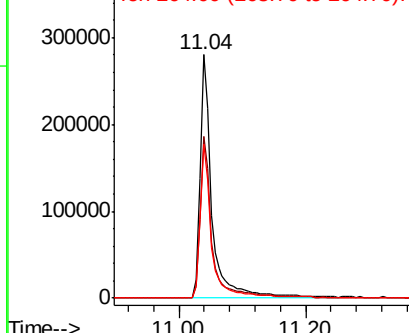


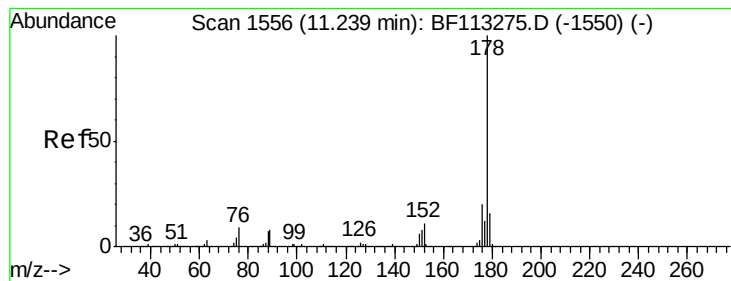
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 39.672 ng

RT: 11.25 min Scan# 1558

Delta R.T. 0.00 min

Lab File: BF113461.D

Acq: 1 Apr 2019 12:36

Instrument :

BNA_F

ClientSampleId :

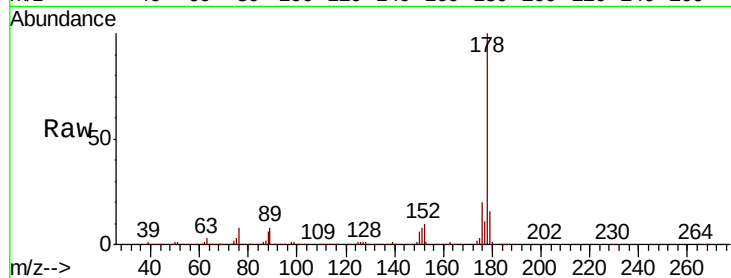
Tot Ion:178 Resp: 1371604

Ion Ratio Lower Upper

178 100

176 20.2 16.1 24.1

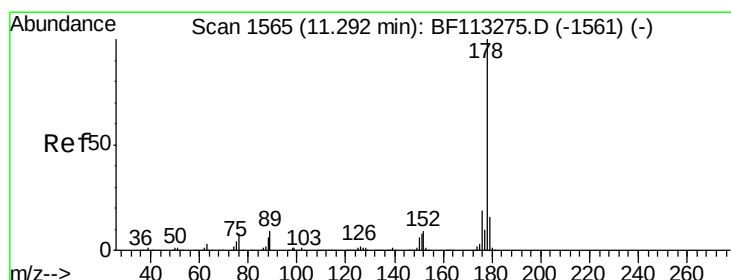
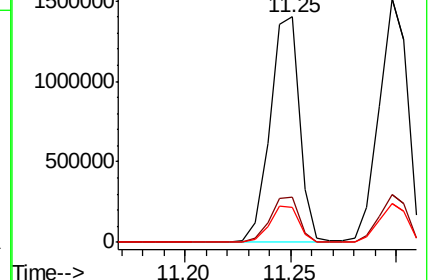
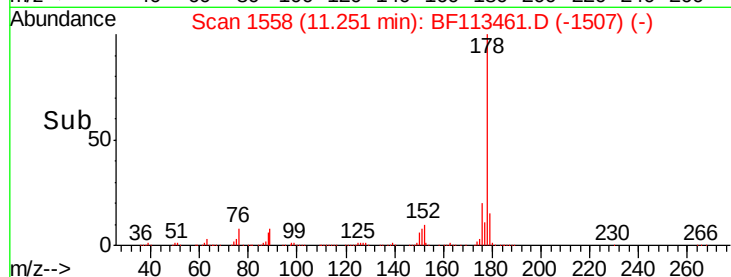
179 15.7 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 41.490 ng

RT: 11.30 min Scan# 1566

Delta R.T. 0.00 min

Lab File: BF113461.D

Acq: 1 Apr 2019 12:36

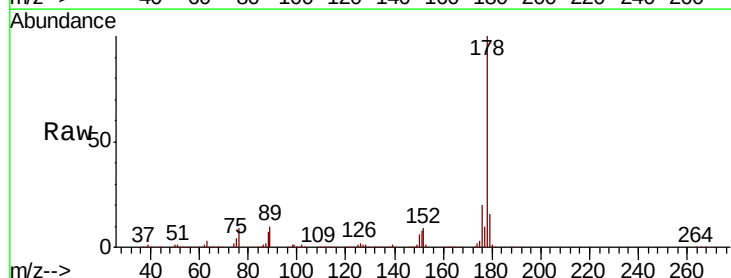
Tgt Ion:178 Resp: 1457030

Ion Ratio Lower Upper

178 100

176 19.5 15.5 23.3

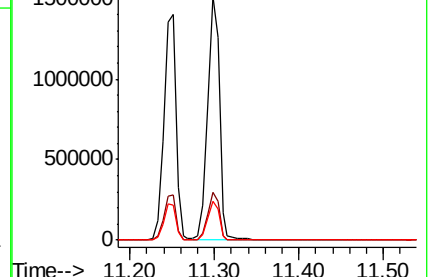
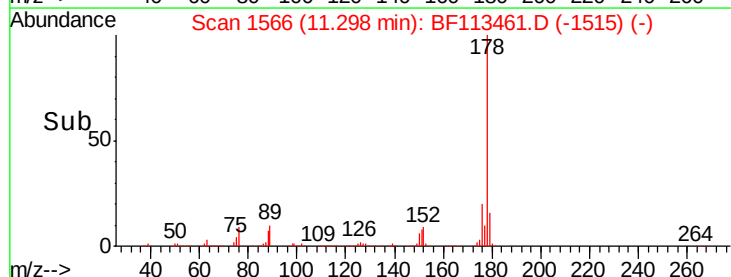
179 16.1 12.9 19.3

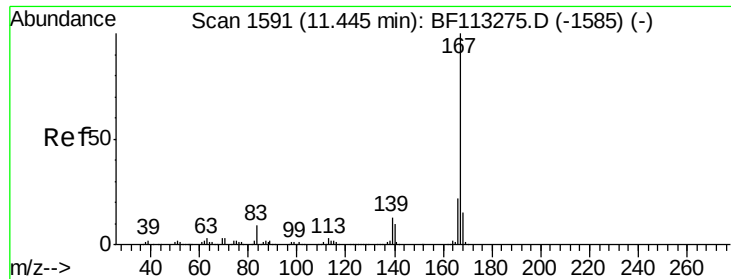


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

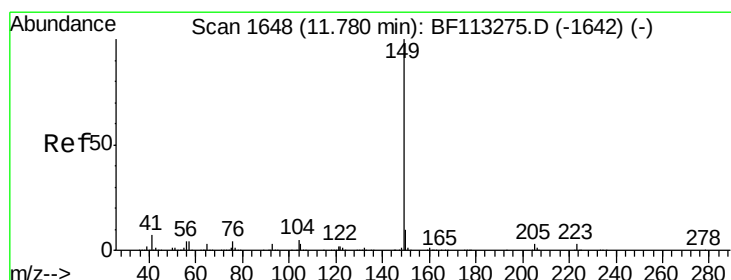
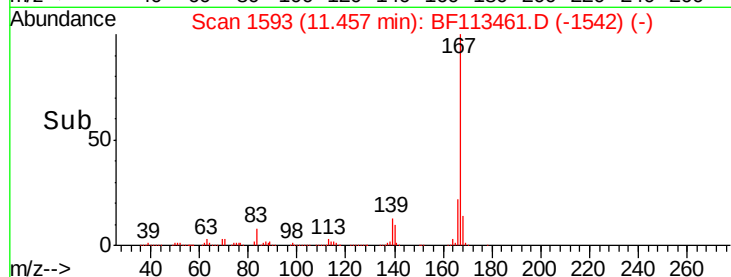
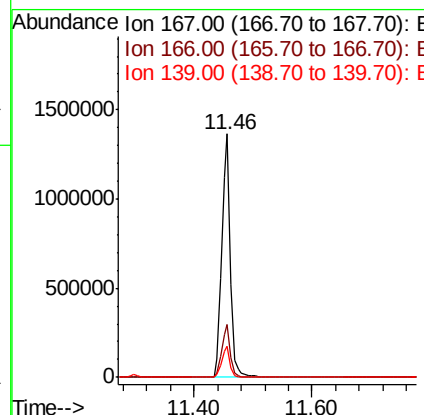
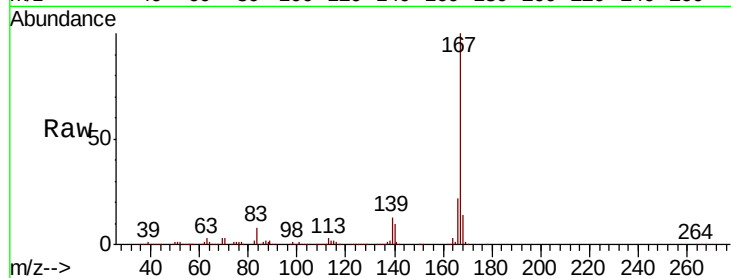




#73
 Carbazole
 Concen: 41.392 ng
 RT: 11.46 min Scan# 1593
 Delta R.T. 0.00 min
 Lab File: BF113461.D
 Acq: 1 Apr 2019 12:36

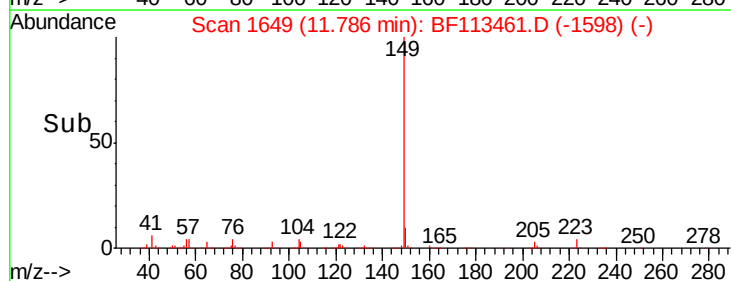
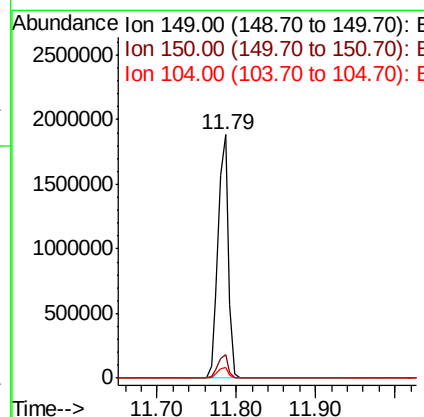
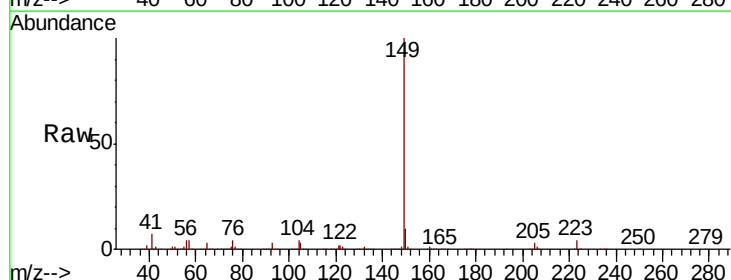
Instrument :
 BNA_F
 ClientSampleId :

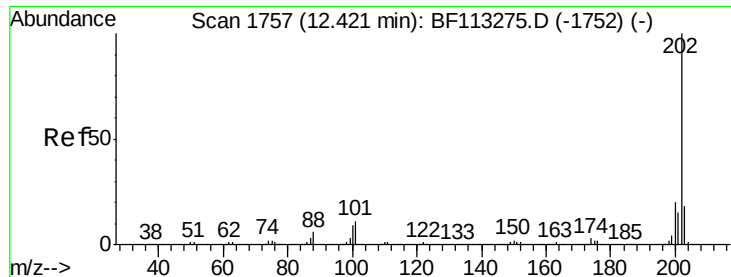
Tot Ion:167 Resp: 1387026
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.8 26.8
 139 12.8 10.2 15.2



#74
 Di-n-butylphthalate
 Concen: 43.686 ng
 RT: 11.79 min Scan# 1649
 Delta R.T. 0.00 min
 Lab File: BF113461.D
 Acq: 1 Apr 2019 12:36

Tgt Ion:149 Resp: 1697612
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.8 11.8
 104 4.4 3.5 5.3





#75

Fluoranthene

Concen: 39.012 ng

RT: 12.43 min Scan# 1759

Delta R.T. 0.00 min

Lab File: BF113461.D

Acq: 1 Apr 2019 12:36

Instrument :

BNA_F

ClientSampled :

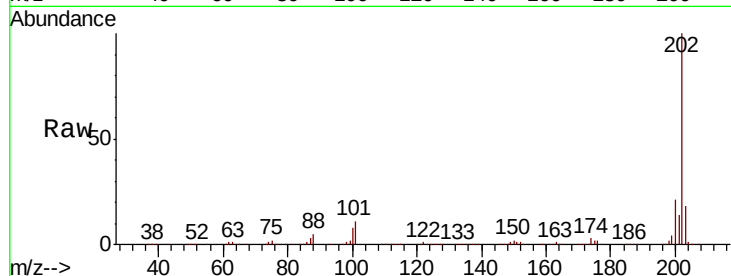
Tot Ion:202 Resp: 1524765

Ion Ratio Lower Upper

202 100

101 10.6 0.0 30.9

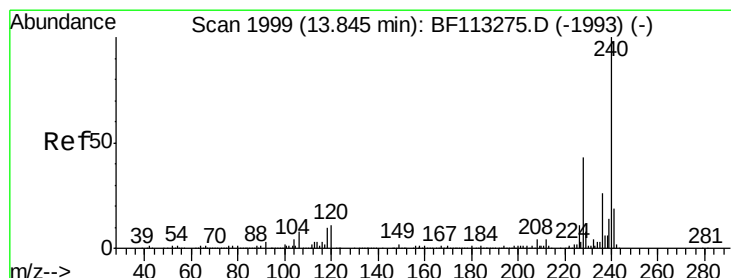
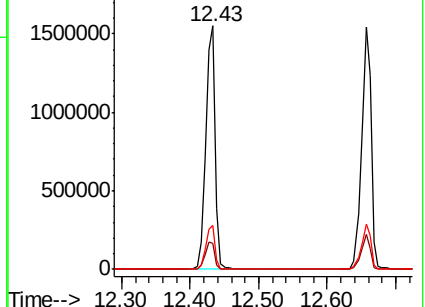
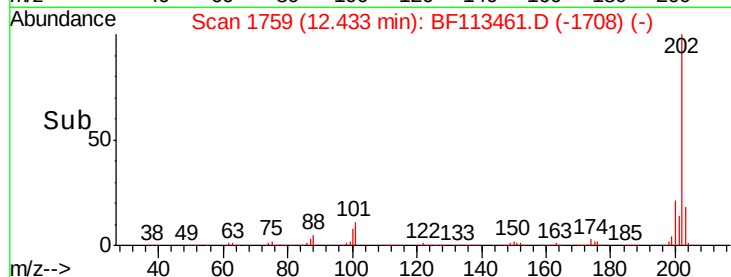
203 17.9 0.0 38.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.85 min Scan# 2000

Delta R.T. 0.00 min

Lab File: BF113461.D

Acq: 1 Apr 2019 12:36

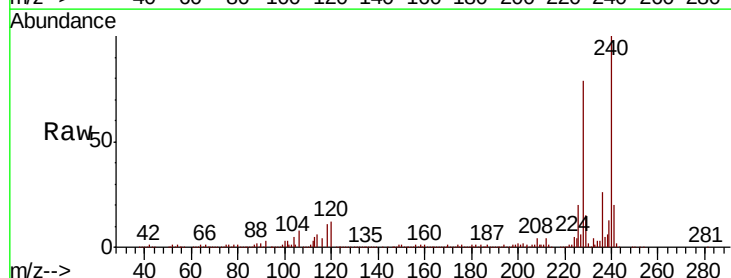
Tgt Ion:240 Resp: 512445

Ion Ratio Lower Upper

240 100

120 11.8 9.7 14.5

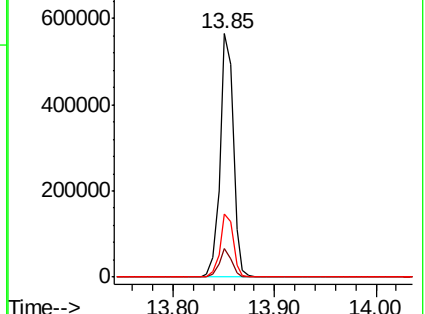
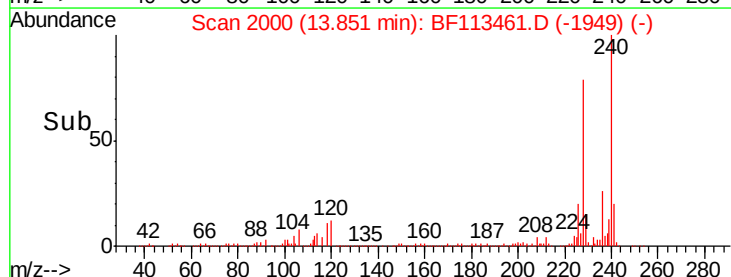
236 25.7 20.9 31.3

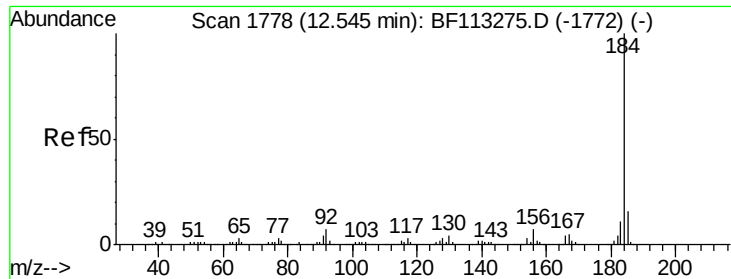


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 43.357 ng

RT: 12.55 min Scan# 1779

Delta R.T. 0.00 min

Lab File: BF113461.D

Acq: 1 Apr 2019 12:36

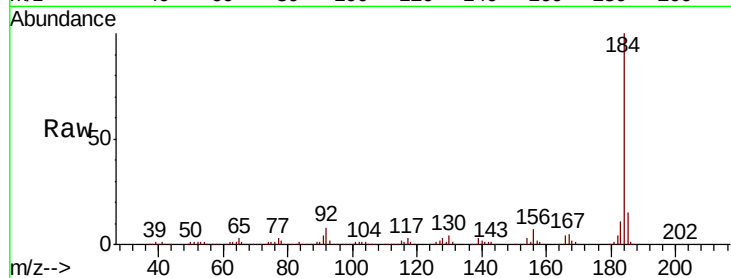
Instrument :

BNA_F

ClientSampleId :

Tot Ion:184 Resp: 850836

Ion	Ratio	Lower	Upper
184	100		
185	15.4	12.8	19.2
183	10.7	8.9	13.3

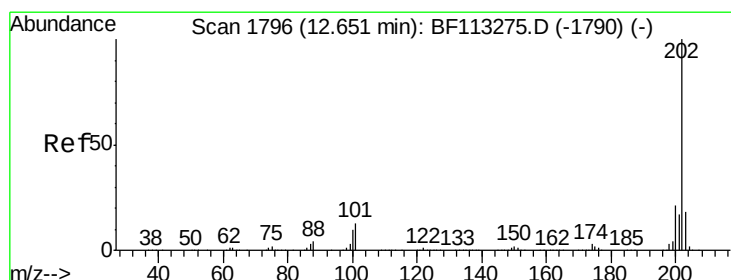
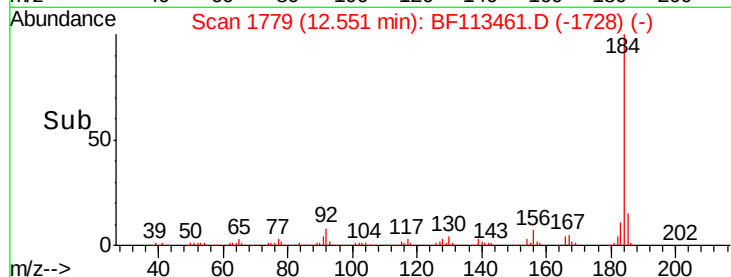
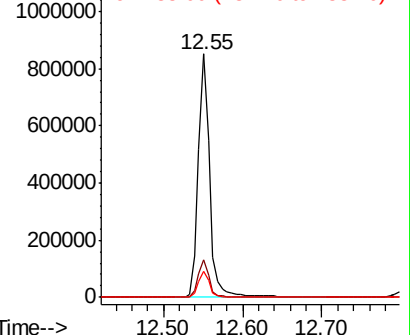


Abundance

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: 43.252 ng

RT: 12.66 min Scan# 1797

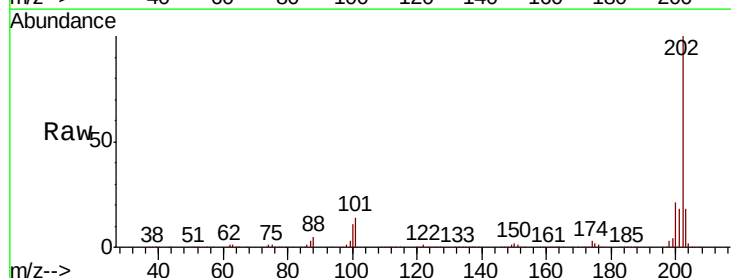
Delta R.T. 0.00 min

Lab File: BF113461.D

Acq: 1 Apr 2019 12:36

Tgt Ion:202 Resp: 1535902

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.0	25.6
203	18.4	14.7	22.1

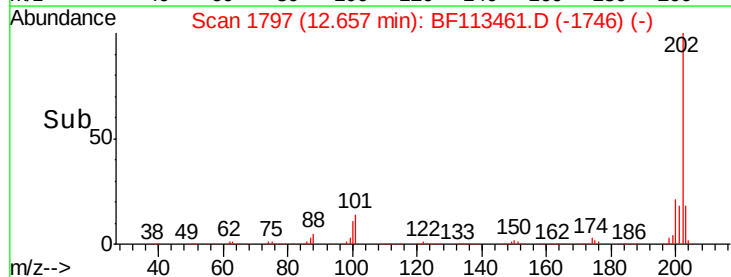
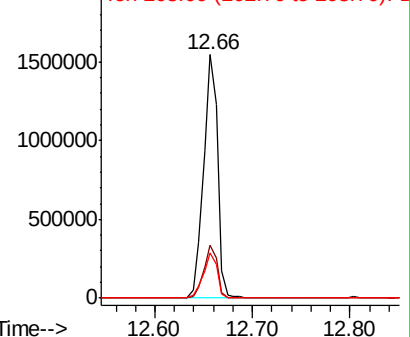


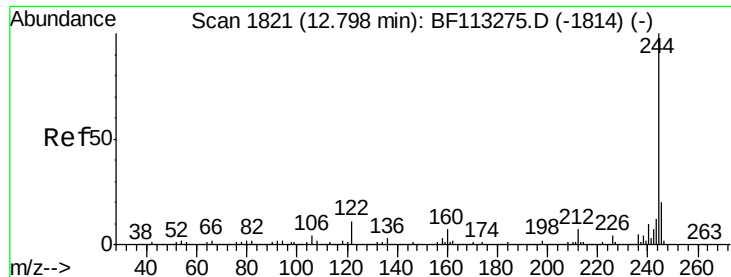
Abundance

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

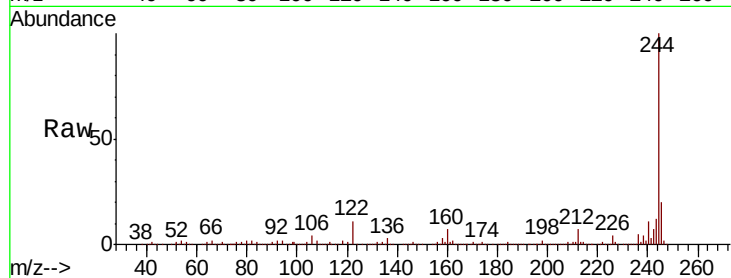




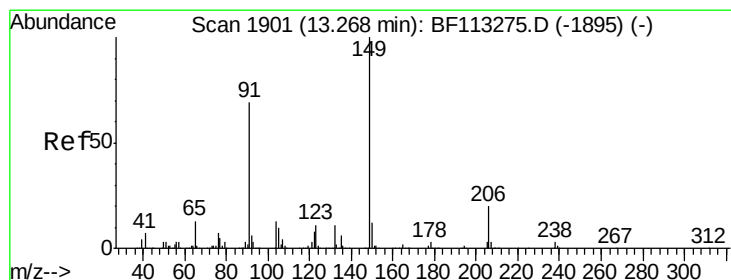
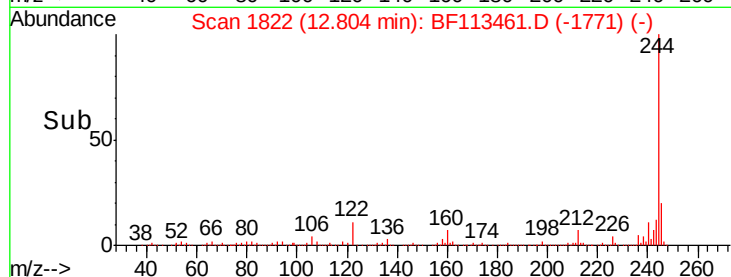
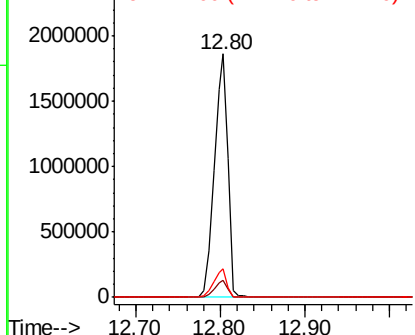
#79
 Terphenyl-d14
 Concen: 91.254 ng
 RT: 12.80 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: BF113461.D
 Acq: 1 Apr 2019 12:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 2121556
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 11.5 8.7 13.1

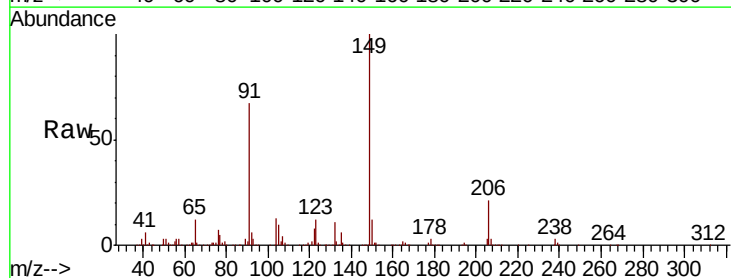


Abundance Ion 244.00 (243.70 to 244.70): E
 2500000 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

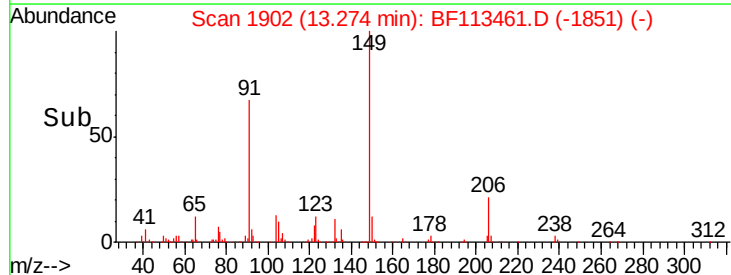
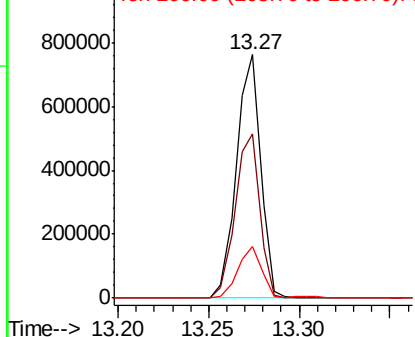


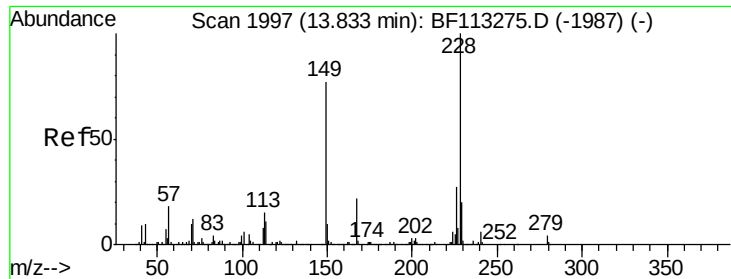
#80
 Butylbenzylphthalate
 Concen: 45.227 ng
 RT: 13.27 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: BF113461.D
 Acq: 1 Apr 2019 12:36

Tgt Ion:149 Resp: 707793
 Ion Ratio Lower Upper
 149 100
 91 67.2 52.6 79.0
 206 21.1 17.0 25.4



Abundance Ion 149.00 (148.70 to 149.70): E
 1000000 Ion 91.00 (90.70 to 91.70): BF1
 Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.969 ng

RT: 13.84 min Scan# 1999

Delta R.T. 0.00 min

Lab File: BF113461.D

Acq: 1 Apr 2019 12:36

Instrument :

BNA_F

ClientSampleId :

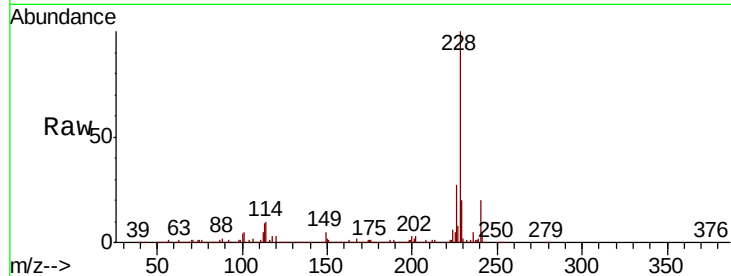
Tot Ion:228 Resp: 1143100

Ion Ratio Lower Upper

228 100

226 27.4 22.0 33.0

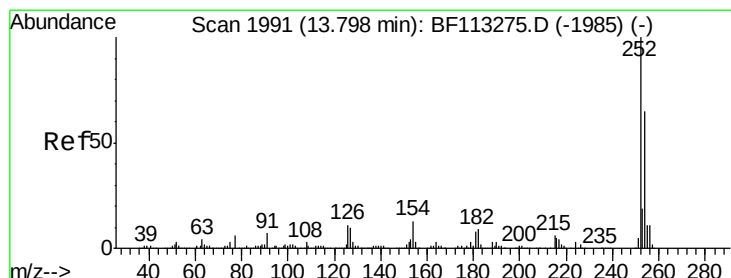
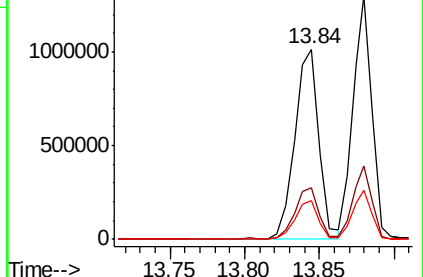
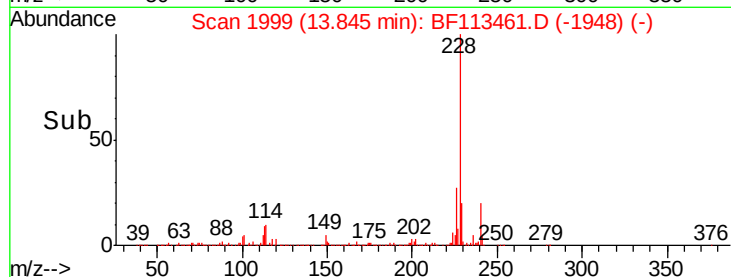
229 20.4 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 28.959 ng

RT: 13.80 min Scan# 1992

Delta R.T. 0.00 min

Lab File: BF113461.D

Acq: 1 Apr 2019 12:36

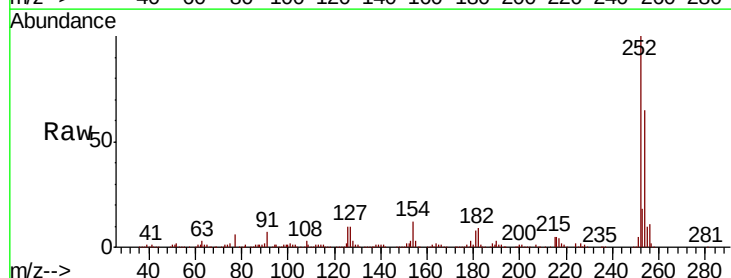
Tgt Ion:252 Resp: 340774

Ion Ratio Lower Upper

252 100

254 65.5 52.5 78.7

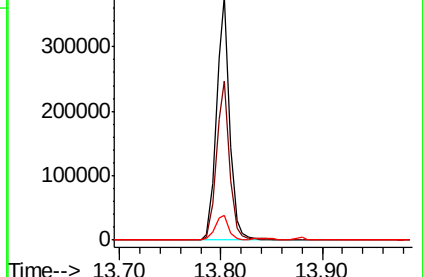
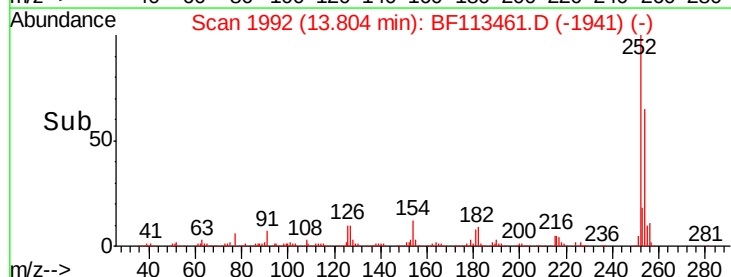
126 9.9 8.5 12.7

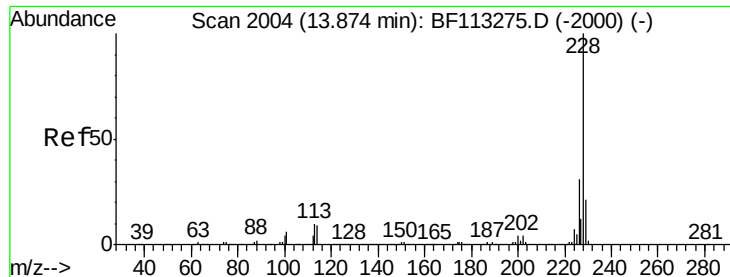


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.319 ng

RT: 13.88 min Scan# 2005

Delta R.T. 0.00 min

Lab File: BF113461.D

Acq: 1 Apr 2019 12:36

Instrument :

BNA_F

ClientSampleId :

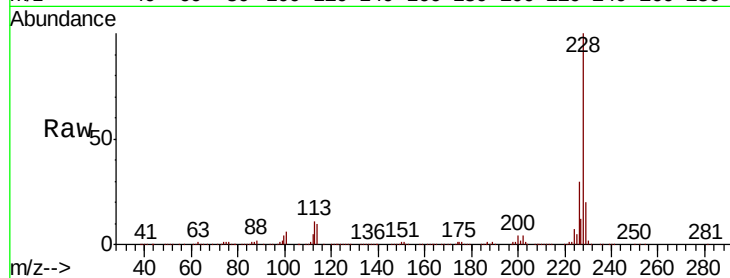
Tot Ion:228 Resp: 1171481

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.2	36.4
229	20.3	16.2	24.2

228 100

226 30.3 24.2 36.4

229 20.3 16.2 24.2

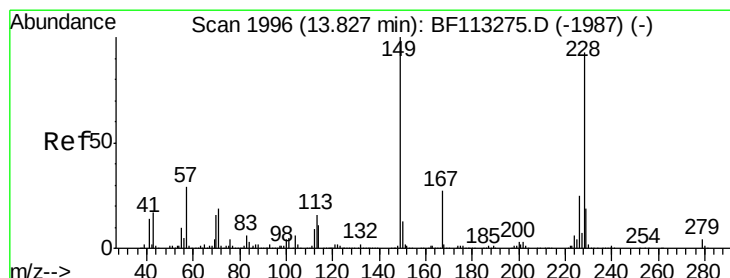
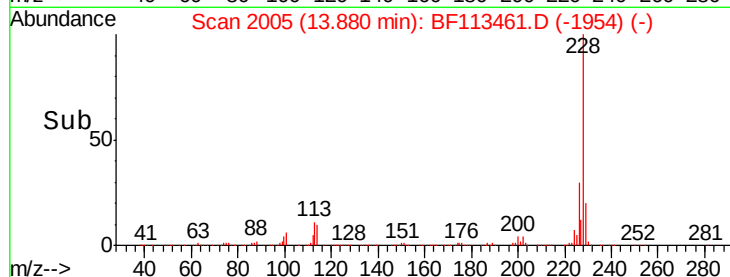
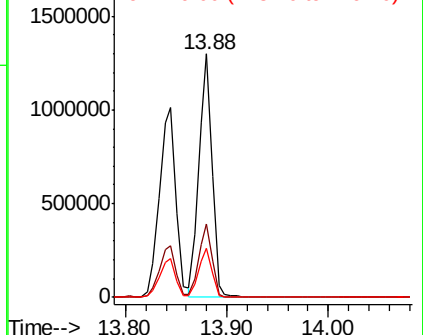


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.345 ng

RT: 13.83 min Scan# 1997

Delta R.T. 0.00 min

Lab File: BF113461.D

Acq: 1 Apr 2019 12:36

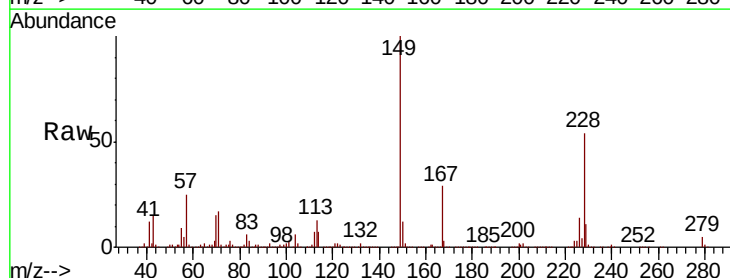
Tgt Ion:149 Resp: 908323

Ion	Ratio	Lower	Upper
149	100		
167	28.6	22.6	33.8
279	4.6	3.4	5.2

149 100

167 28.6 22.6 33.8

279 4.6 3.4 5.2

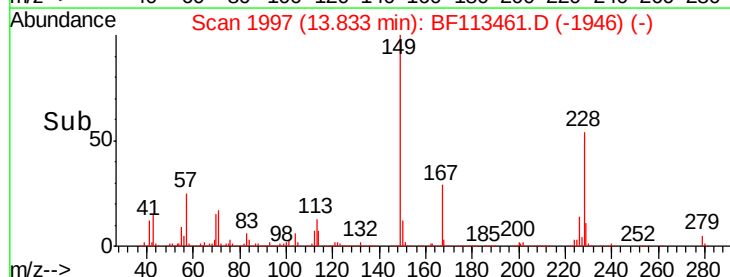
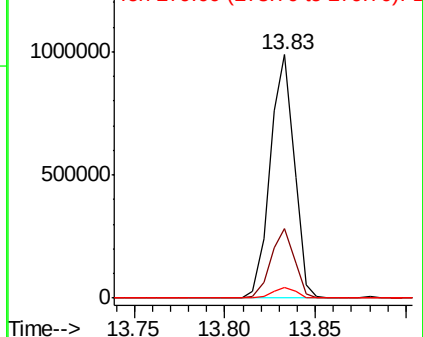


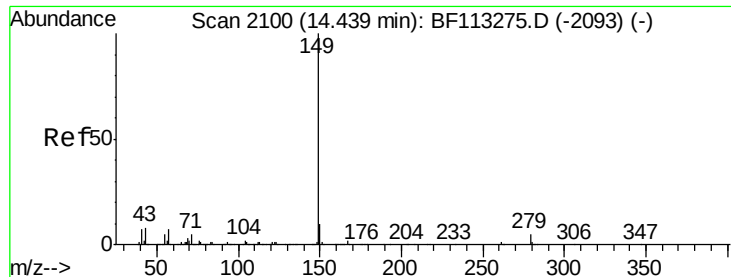
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 45.859 ng

RT: 14.44 min Scan# 2100

Delta R.T. 0.00 min

Lab File: BF113461.D

Acq: 1 Apr 2019 12:36

Instrument :

BNA_F

ClientSampleId :

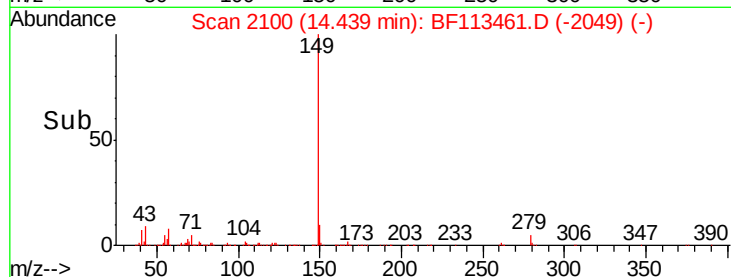
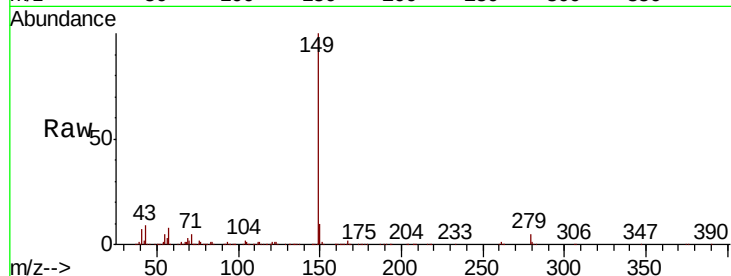
Tot Ion:149 Resp: 1493417

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

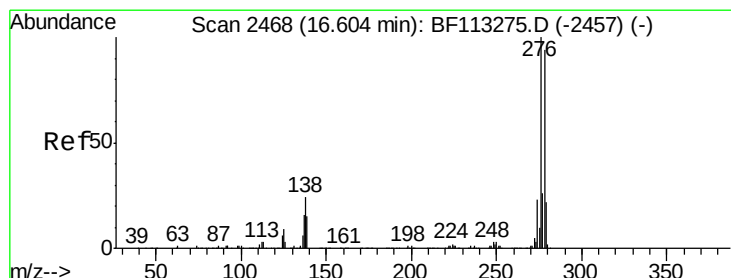
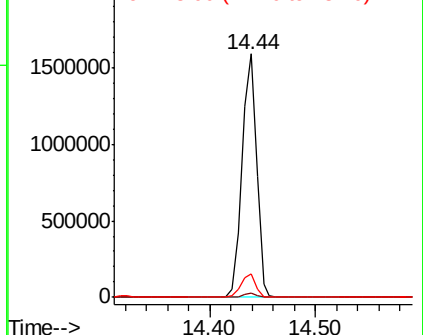
43 9.7 7.8 11.8



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: 39.374 ng

RT: 16.63 min Scan# 2472

Delta R.T. -0.01 min

Lab File: BF113461.D

Acq: 1 Apr 2019 12:36

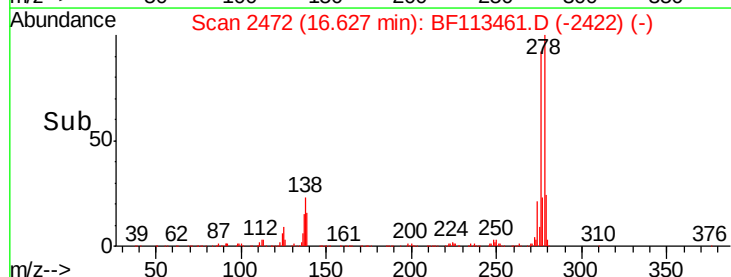
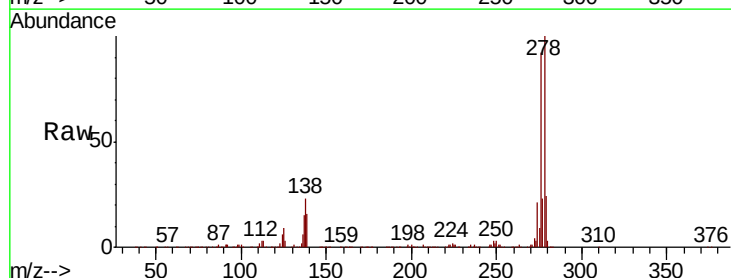
Tgt Ion:276 Resp: 1006810

Ion Ratio Lower Upper

276 100

138 23.9 19.3 28.9

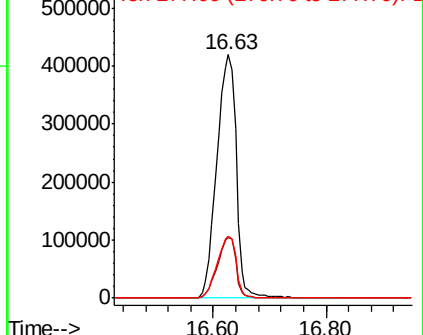
277 25.0 20.0 30.0

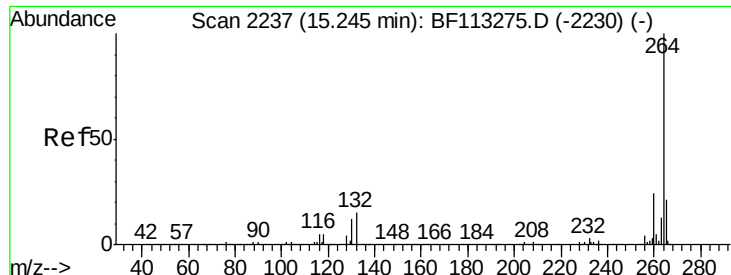


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

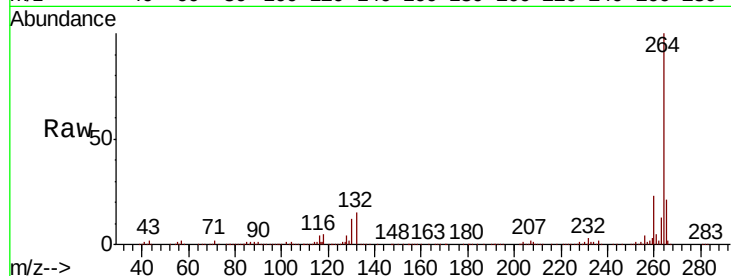




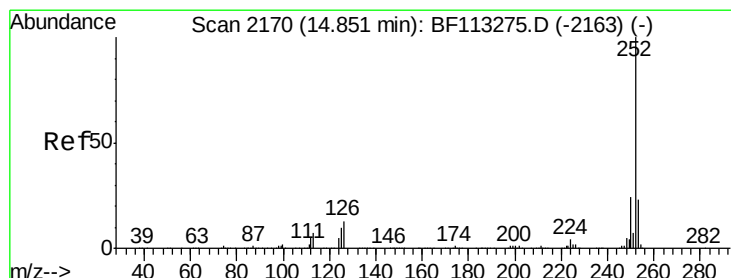
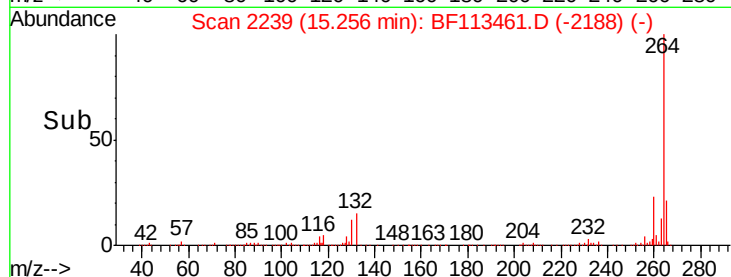
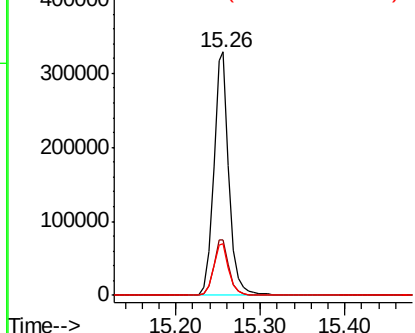
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.26 min Scan# 2239
Delta R.T. 0.00 min
Lab File: BF113461.D
Acq: 1 Apr 2019 12:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 417771
Ion Ratio Lower Upper
264 100
260 22.9 18.8 28.2
265 21.1 17.2 25.8

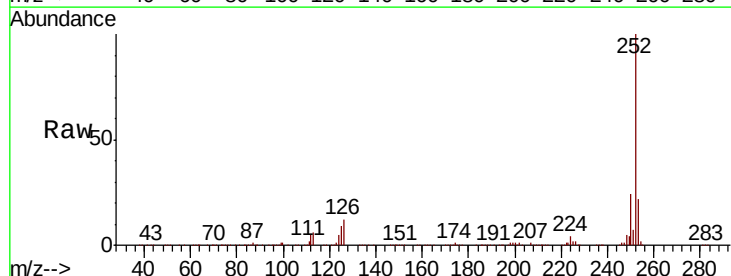


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

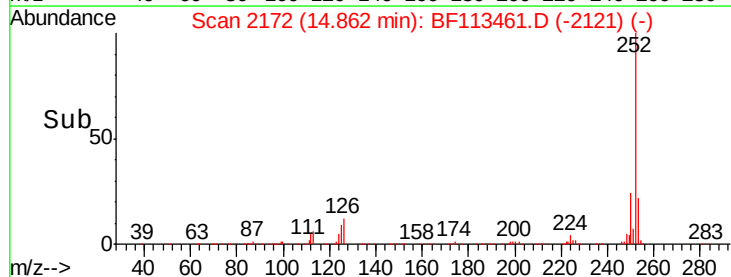
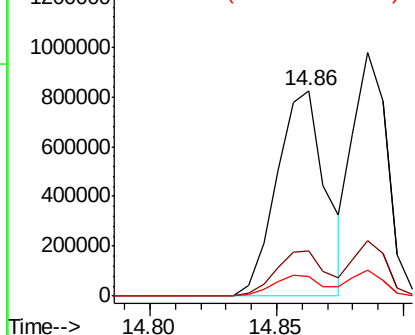


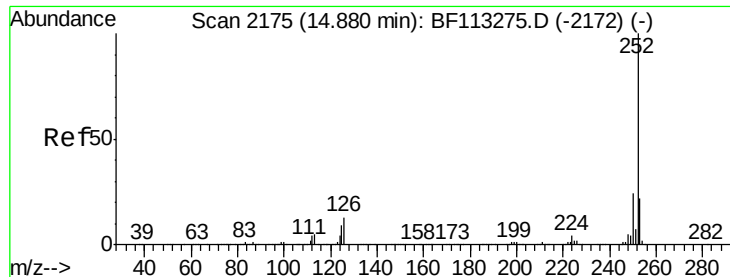
#88
Benzo(b)fluoranthene
Concen: 42.711 ng
RT: 14.86 min Scan# 2172
Delta R.T. 0.00 min
Lab File: BF113461.D
Acq: 1 Apr 2019 12:36

Tgt Ion:252 Resp: 1108440
Ion Ratio Lower Upper
252 100
253 22.1 18.2 27.2
125 9.5 8.2 12.2



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

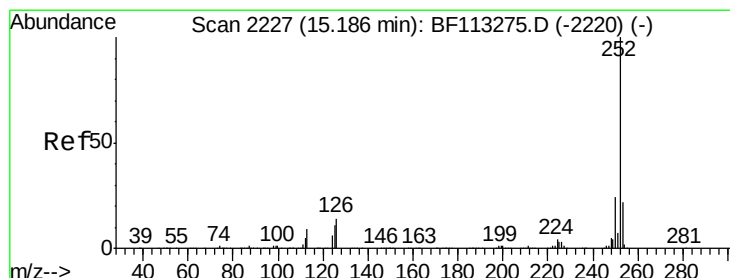
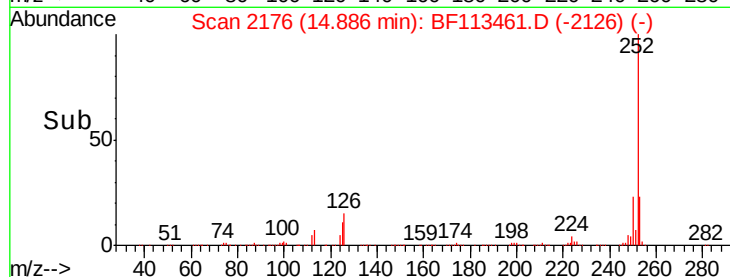
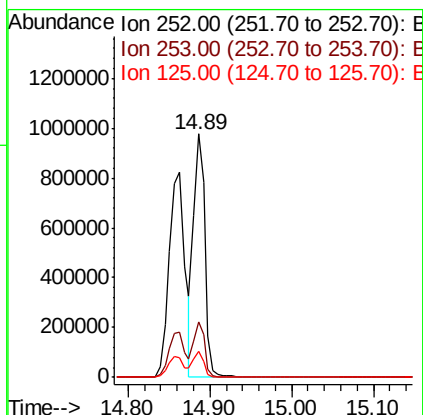
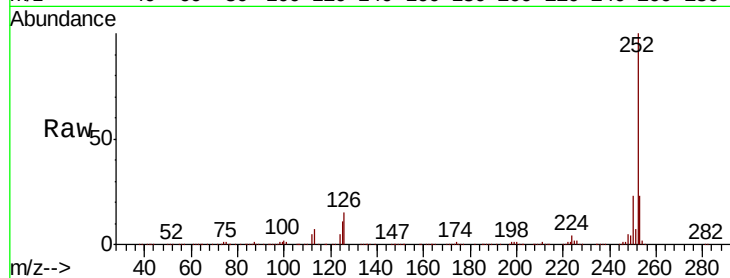




#89
Benzo(k)fluoranthene
Concen: 41.242 ng
RT: 14.89 min Scan# 2176
Delta R.T. -0.01 min
Lab File: BF113461.D
Acq: 1 Apr 2019 12:36

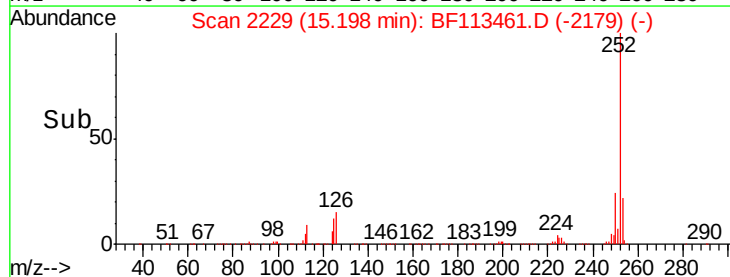
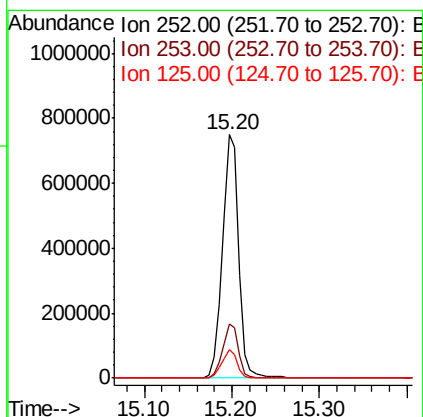
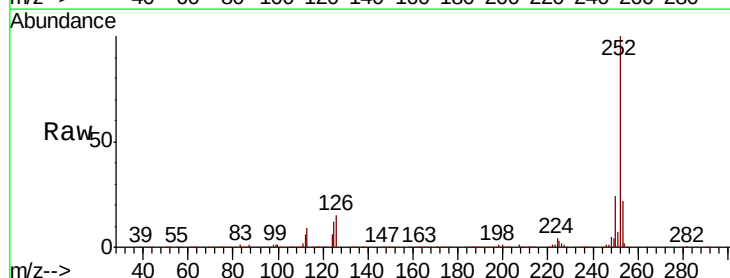
Instrument :
BNA_F
ClientSampleId :

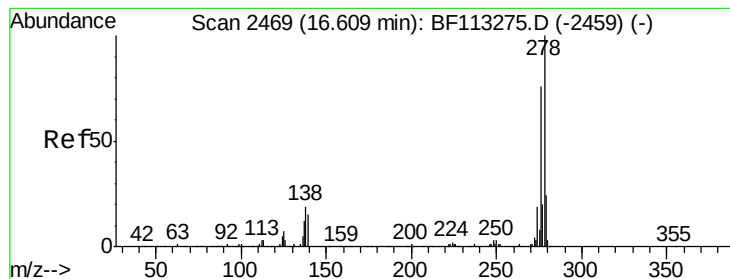
Tot Ion:252 Resp: 939919
Ion Ratio Lower Upper
252 100
253 22.8 17.9 26.9
125 10.7 7.3 10.9



#90
Benzo(a)pyrene
Concen: 42.019 ng
RT: 15.20 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BF113461.D
Acq: 1 Apr 2019 12:36

Tgt Ion:252 Resp: 966751
Ion Ratio Lower Upper
252 100
253 22.2 17.6 26.4
125 11.7 8.4 12.6





#91

Dibenzo(a,h)anthracene

Concen: 42.951 ng

RT: 16.63 min Scan# 2473

Delta R.T. 0.00 min

Lab File: BF113461.D

Acq: 1 Apr 2019 12:36

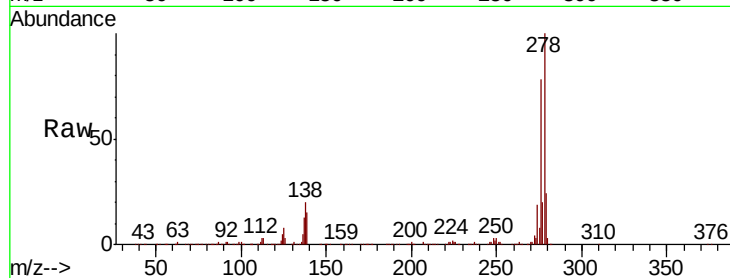
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 854441

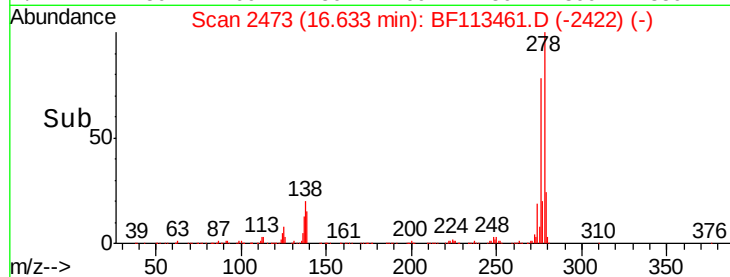
Ion	Ratio	Lower	Upper
278	100		
139	15.0	12.6	18.8
279	23.9	19.3	28.9



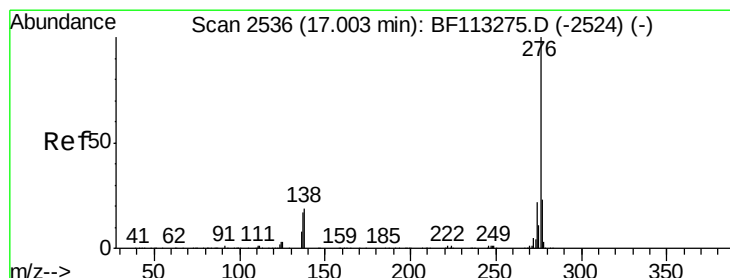
Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#92

Benzo(g,h,i)perylene

Concen: 41.793 ng

RT: 17.03 min Scan# 2541

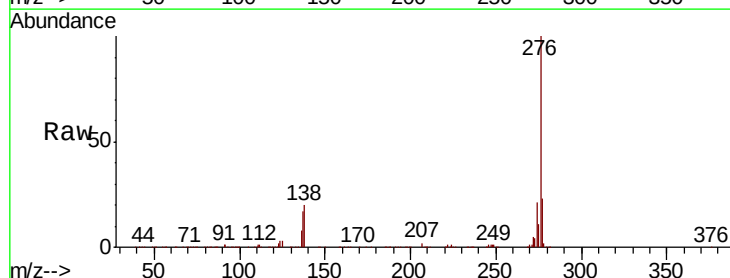
Delta R.T. 0.00 min

Lab File: BF113461.D

Acq: 1 Apr 2019 12:36

Tgt Ion:276 Resp: 838292

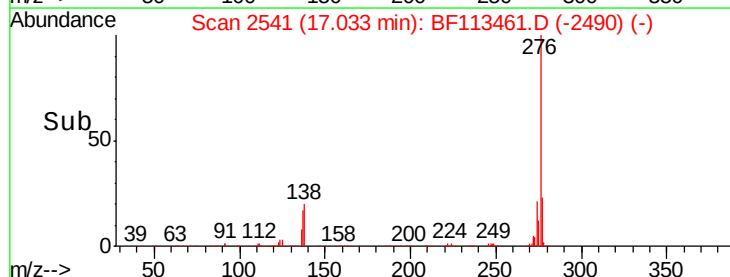
Ion	Ratio	Lower	Upper
276	100		
277	23.0	19.4	29.0
138	20.3	17.0	25.6



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



Time-->