

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF022819\
 Data File : BF112770.D
 Acq On : 28 Feb 2019 19:29
 Operator : JU/SJ
 Sample : K1650-11
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-5(9-10)

Quant Time: Mar 01 04:50:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 27 16:08:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	192267	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	744502	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	344338	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	634167	20.00	ng	0.00
76) Chrysene-d12	13.87	240	419698	20.00	ng	0.00
87) Perylene-d12	15.29	264	440714	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.36	112	941801	76.20	ng	0.01
7) Phenol-d6	6.37	99	1218533	78.48	ng	0.00
23) Nitrobenzene-d5	7.30	82	739206	59.41	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	312338	85.44	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1315278	61.98	ng	0.00
79) Terphenyl-d14	12.83	244	1170331	54.06	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) n-Nitrosodimethylamine	2.98	42	114	0.016	ng	# 1
6) Aniline	6.39	93	570	0.027	ng	# 1
8) 2-Chlorophenol	6.53	128	246	0.018	ng	# 1
9) Benzaldehyde	6.37	77	2002	0.179	ng	# 1
10) Phenol	6.39	94	23364	1.290	ng	92
11) bis(2-Chloroethyl)ether	6.51	93	1524	0.110	ng	# 1
15) Benzyl Alcohol	6.90	79	12429	1.050	ng	# 49
16) 2,2'-oxybis(1-Chloropropan	7.03	45	598	0.026	ng	71
17) 2-Methylphenol	6.87	107	263	0.024	ng	# 61
19) n-Nitroso-di-n-propylamine	7.30	70	96904	9.855	ng	# 78
20) 3+4-Methylphenols	6.87	107	263	0.021	ng	# 71
22) Acetophenone	7.15	105	333	0.019	ng	# 72
24) Nitrobenzene	7.30	77	2155	0.156	ng	# 38
25) Isophorone	7.30	82	734889	27.417	ng	# 66
31) Naphthalene	8.05	128	264	0.007	ng	# 68
38) 1-Methylnaphthalene	9.10	142	582	0.025	ng	# 42
46) 1,1'-Biphenyl	9.20	154	2436	0.087	ng	94
47) 2-Chloronaphthalene	9.49	162	528	0.024	ng	# 1
48) 2-Nitroaniline	9.20	65	181	0.027	ng	# 4
50) Dimethylphthalate	9.49	163	101135	3.983	ng	98
51) 2,6-Dinitrotoluene	9.77	165	43462	8.220	ng	# 18
52) Acenaphthene	9.77	154	1450	0.067	ng	# 5
57) 2,4-Dinitrotoluene	9.77	165	43462	6.613	ng	# 18
58) Fluorene	10.56	166	13008	0.579	ng	# 82
60) Diethylphthalate	10.19	149	812	0.030	ng	# 74
63) Azobenzene	10.47	77	419	0.015	ng	# 20
65) 4,6-Dinitro-2-methylphenol	10.56	198	455	4.771	ng	# 1
66) n-Nitrosodiphenylamine	10.56	169	8577	0.422	ng	# 47
67) 4-Bromophenyl-phenylether	10.56	248	18078	2.706	ng	# 1
71) Phenanthrene	11.27	178	858	0.027	ng	# 59
72) Anthracene	11.32	178	120	0.004	ng	# 59
73) Carbazole	11.47	167	106	0.003	ng	# 59
74) Di-n-butylphthalate	11.82	149	6229	0.161	ng	# 96
75) Fluoranthene	12.46	202	826	0.024	ng	62

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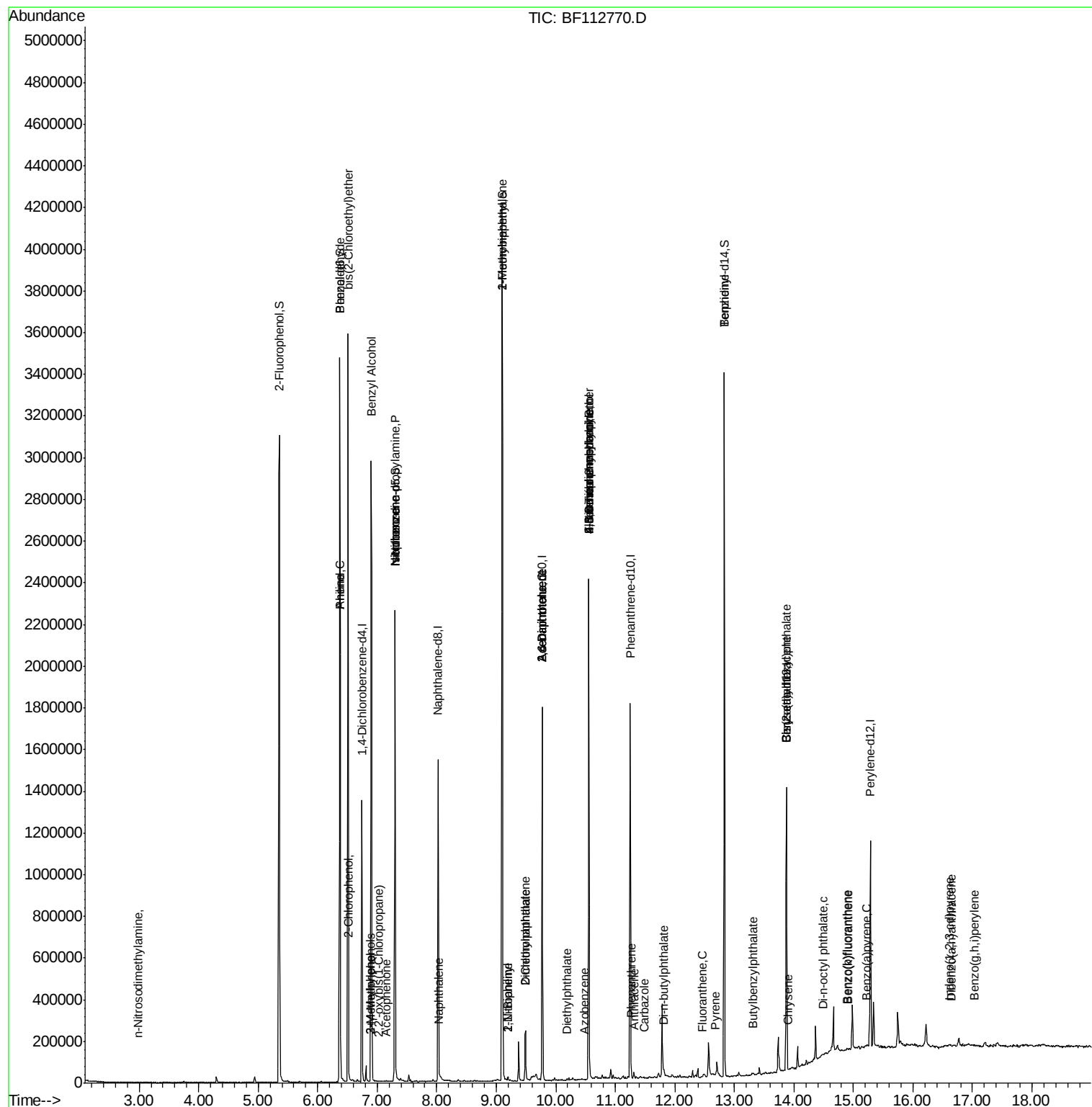
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
77) Benzidine	12.83	184	14333	0.658	ng	# 94
78) Pyrene	12.68	202	568	0.016	ng	# 57
80) Butylbenzylphthalate	13.32	149	590	0.038	ng	# 1
81) Benzo(a)anthracene	13.87	228	1276	0.044	ng	# 58
83) Chrysene	13.90	228	251	0.009	ng	# 48
84) Bis(2-ethylhexyl)phthalate	13.87	149	1733	0.095	ng	# 68
85) Di-n-octyl phthalate	14.49	149	314	0.010	ng	# 1
86) Indeno(1,2,3-cd)pyrene	16.62	276	111	0.005	ng	# 1
88) Benzo(b)fluoranthene	14.89	252	643	0.023	ng	# 1
89) Benzo(k)fluoranthene	14.91	252	586	0.023	ng	# 1
90) Benzo(a)pyrene	15.22	252	451	0.018	ng	# 1
91) Dibenzo(a,h)anthracene	16.65	278	300	0.014	ng	# 1
92) Benzo(g,h,i)perylene	17.04	276	270	0.012	ng	# 1

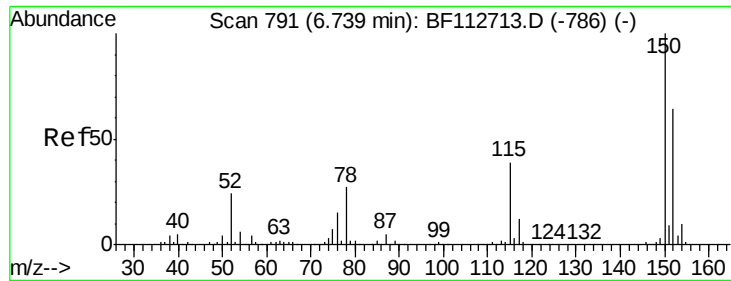
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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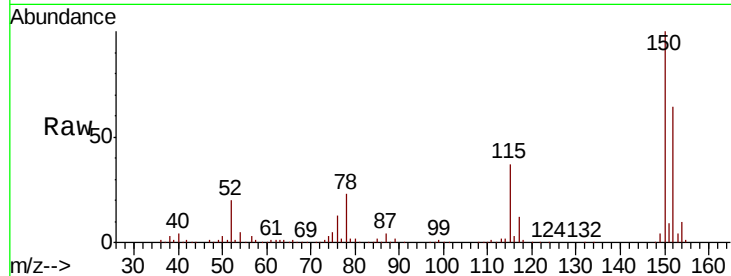


#1

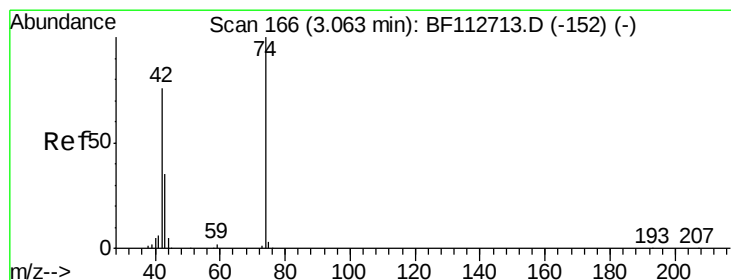
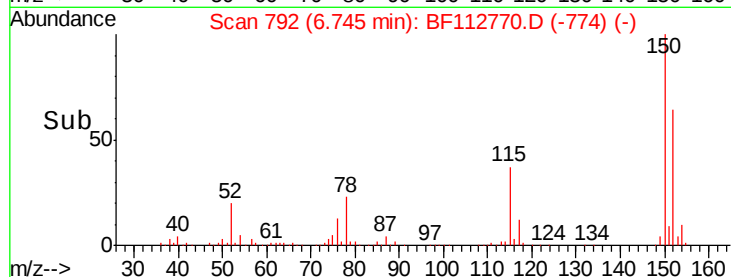
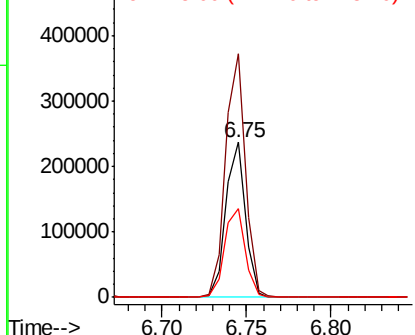
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. 0.01 min
Lab File: BF112770.D
Acq: 28 Feb 2019 19:29

Instrument :
BNA_F
ClientSampleId :
B-5(9-10)

Tgt Ion:152 Resp: 192267
Ion Ratio Lower Upper
152 100
150 157.1 124.2 186.2
115 57.4 48.2 72.4



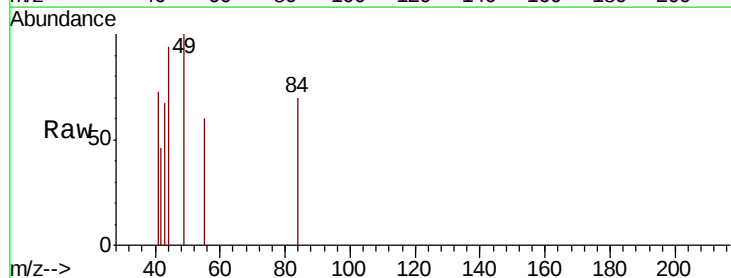
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



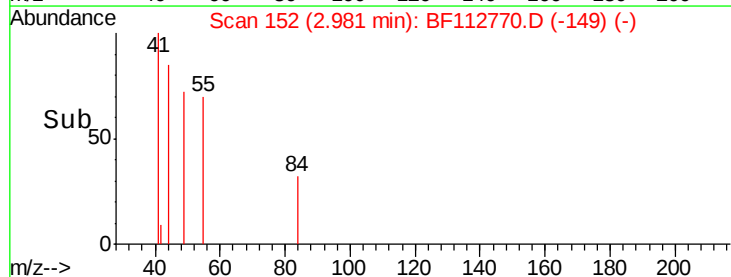
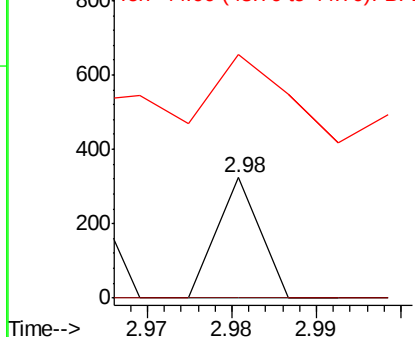
#4

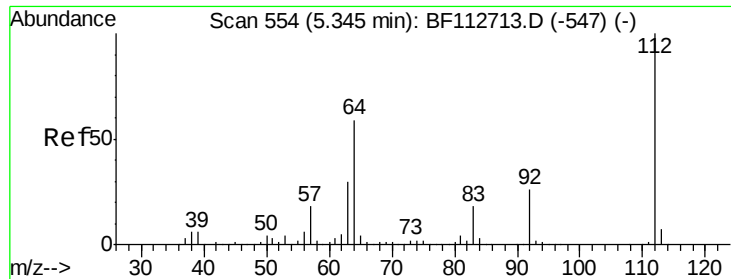
n-Nitrosodimethylamine
Concen: 0.016 ng
RT: 2.98 min Scan# 152
Delta R.T. -0.08 min
Lab File: BF112770.D
Acq: 28 Feb 2019 19:29

Tgt Ion: 42 Resp: 114
Ion Ratio Lower Upper
42 100
74 0.0 105.8 158.8#
44 202.8 6.2 9.2#



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 76.197 ng

RT: 5.36 min Scan# 556

Delta R.T. 0.01 min

Lab File: BF112770.D

Acq: 28 Feb 2019 19:29

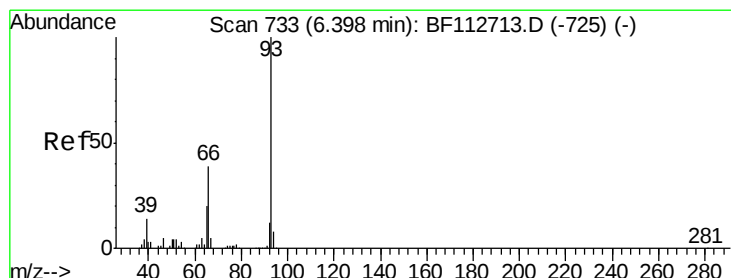
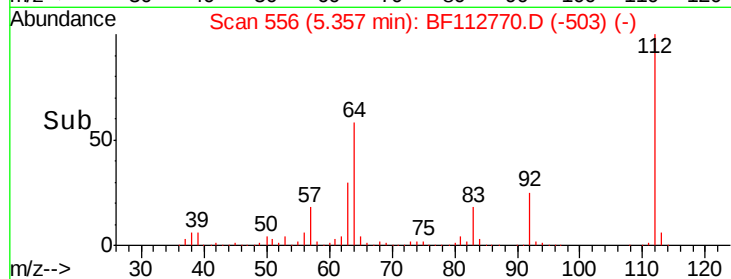
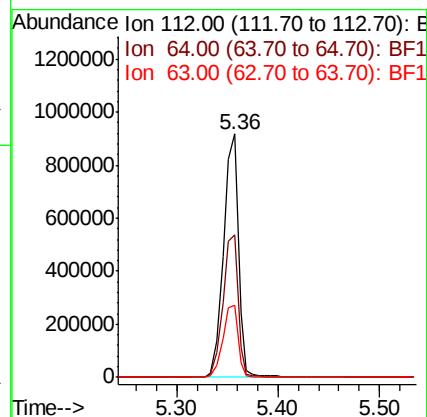
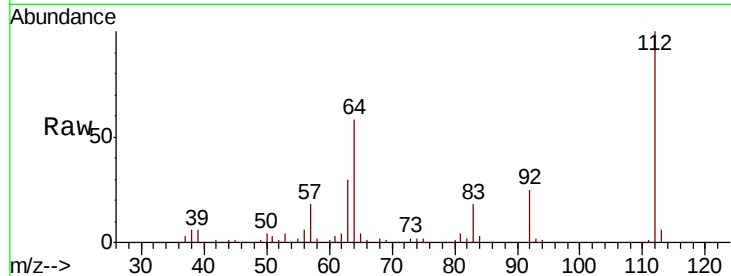
Instrument :

BNA_F

ClientSampleId :

B-5(9-10)

Tgt Ion:	112	Resp:	941801
Ion	Ratio	Lower	Upper
112	100		
64	58.4	47.6	71.4
63	29.7	24.4	36.6



#6

Aniline

Concen: 0.027 ng

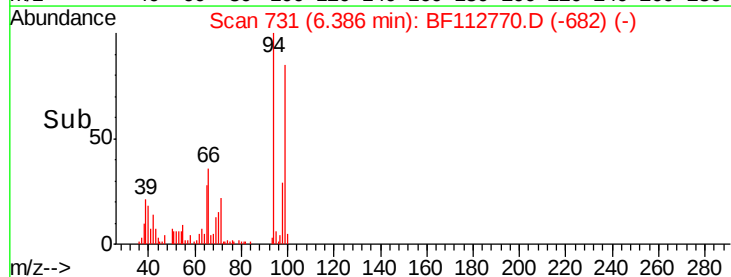
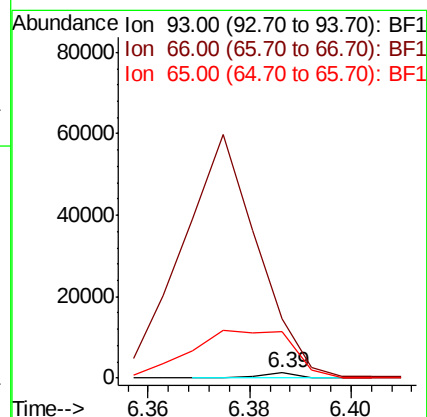
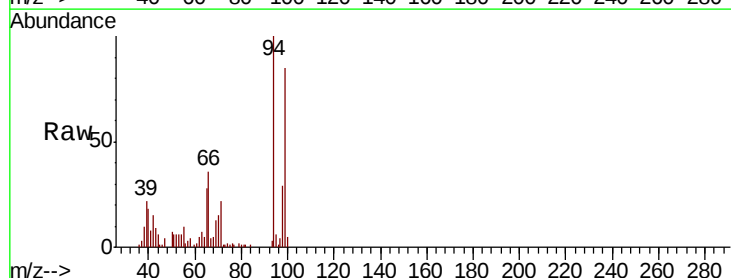
RT: 6.39 min Scan# 731

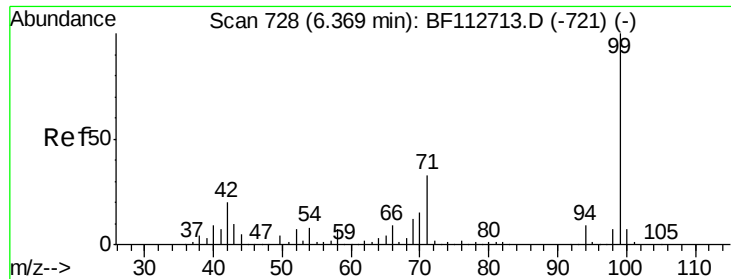
Delta R.T. -0.01 min

Lab File: BF112770.D

Acq: 28 Feb 2019 19:29

Tgt Ion:	93	Resp:	570
Ion	Ratio	Lower	Upper
93	100		
66	1201.8	32.2	48.2#
65	940.7	16.2	24.4#





#7

Phenol-d6

Concen: 78.482 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF112770.D

Acq: 28 Feb 2019 19:29

Instrument :

BNA_F

ClientSampleId :

B-5(9-10)

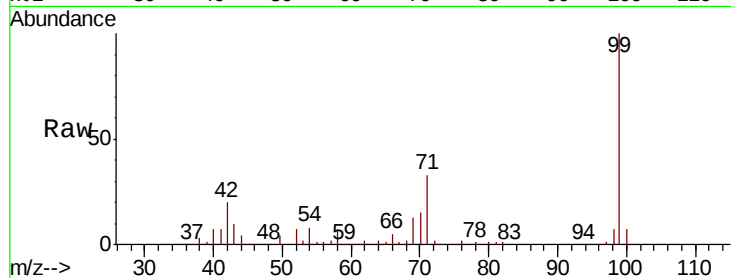
Tgt Ion: 99 Resp: 1218533

Ion Ratio Lower Upper

99 100

42 19.6 16.3 24.5

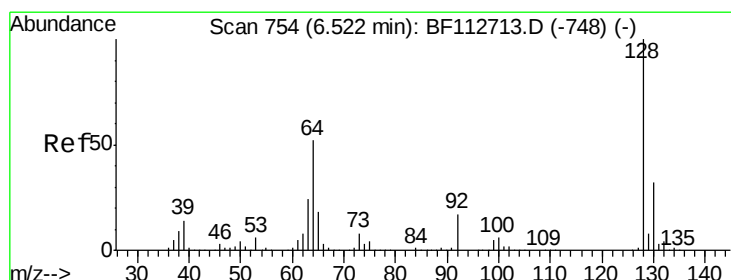
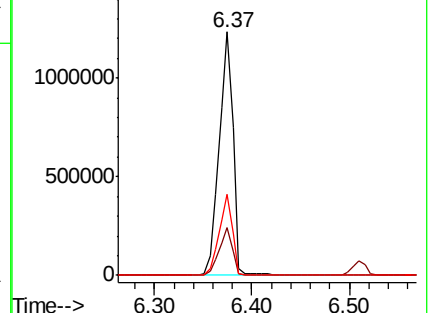
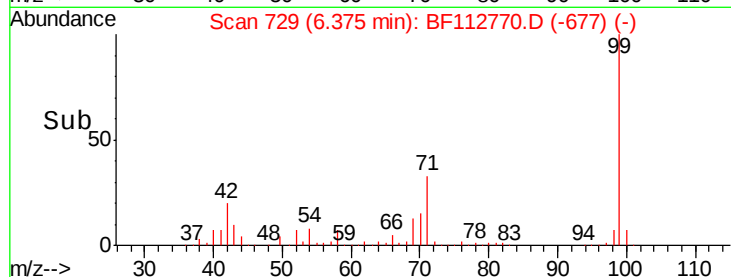
71 33.2 26.2 39.4



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: 0.018 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF112770.D

Acq: 28 Feb 2019 19:29

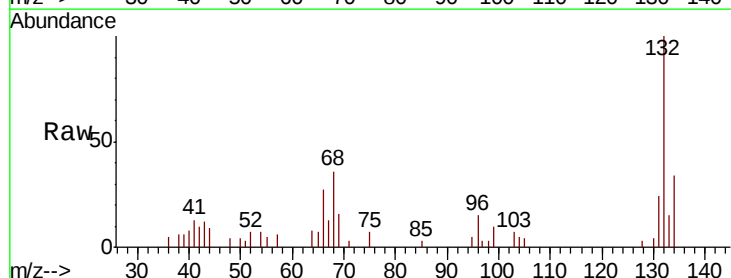
Tgt Ion: 128 Resp: 246

Ion Ratio Lower Upper

128 100

130 113.6 12.4 52.4#

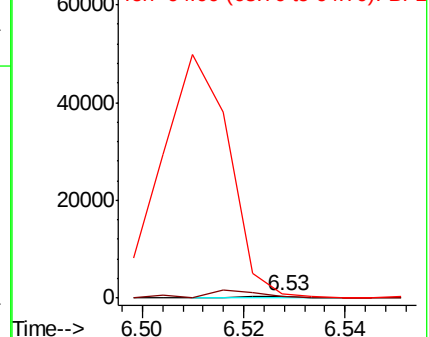
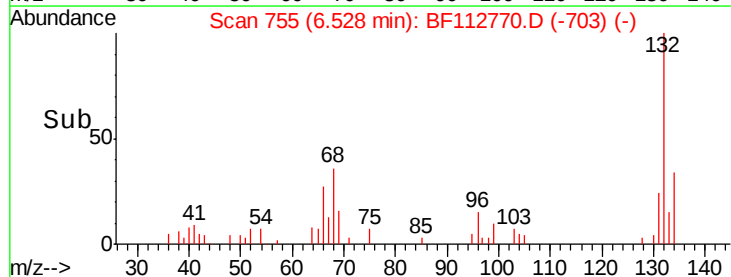
64 252.4 32.2 72.2#

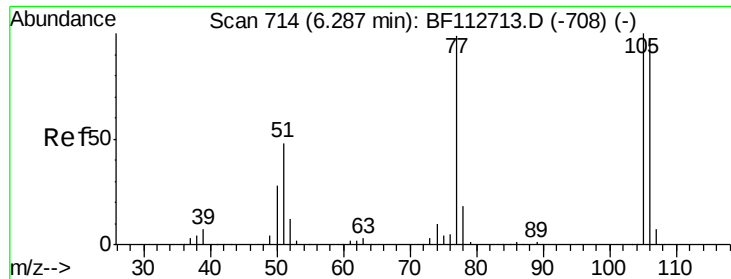


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 0.179 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.09 min

Lab File: BF112770.D

Acq: 28 Feb 2019 19:29

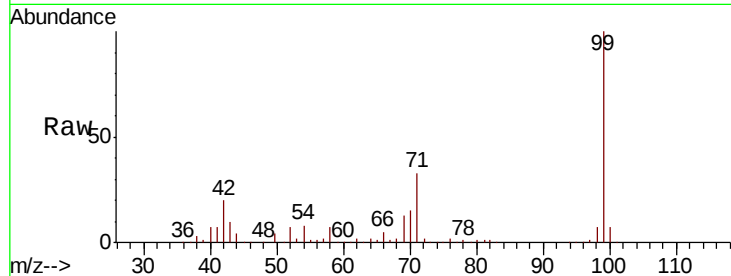
Instrument :

BNA_F

ClientSampleId :

B-5(9-10)

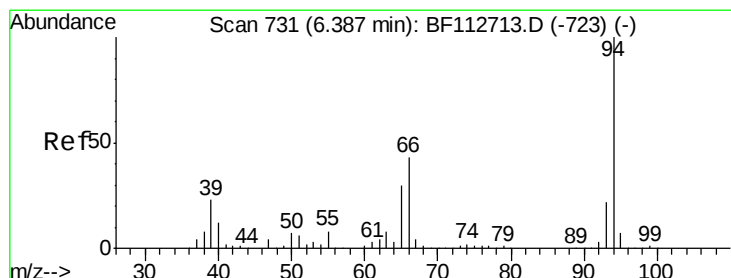
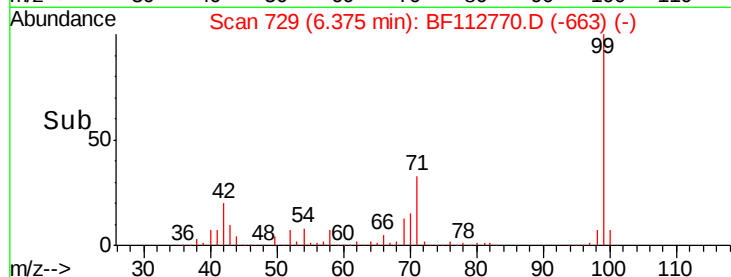
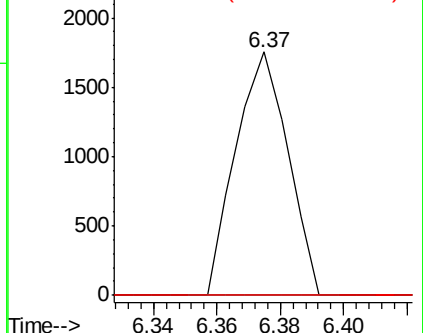
Tgt Ion:	77	Resp:	2002
Ion	Ratio	Lower	Upper
77	100		
105	0.0	81.4	121.4#
106	0.0	78.3	118.3#



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 1.290 ng

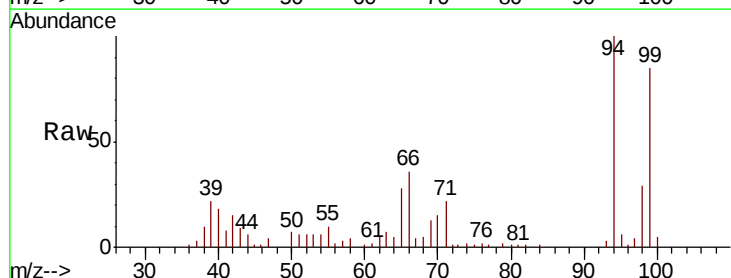
RT: 6.39 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF112770.D

Acq: 28 Feb 2019 19:29

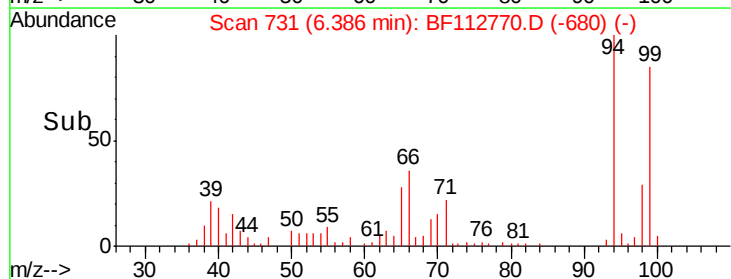
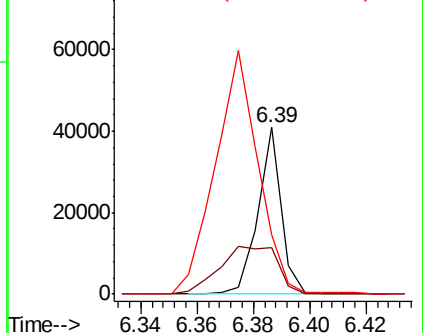
Tgt Ion:	94	Resp:	23364
Ion	Ratio	Lower	Upper
94	100		
65	27.9	10.5	50.5
66	35.6	22.6	62.6

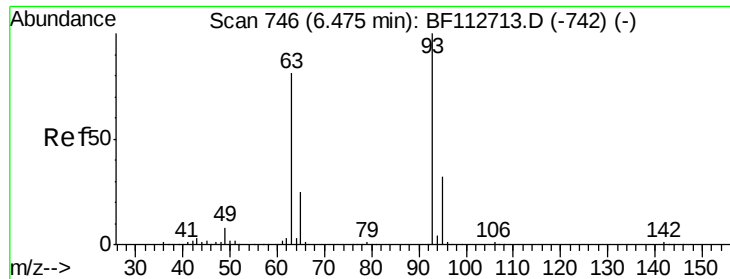


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

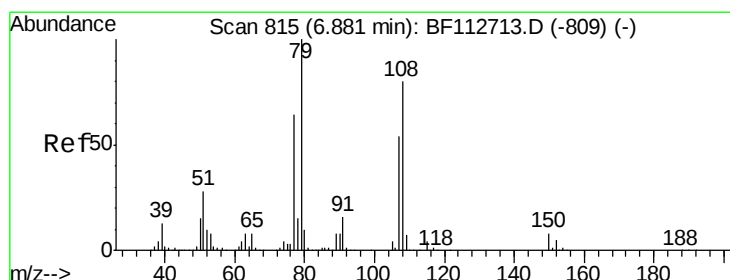
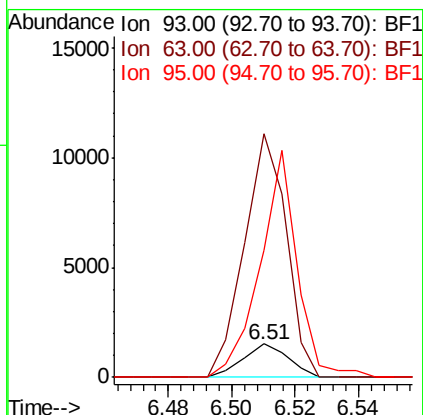
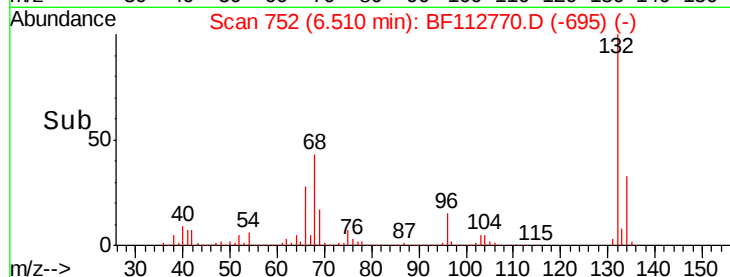
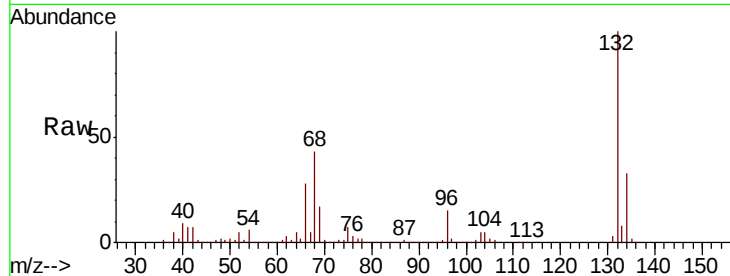




#11
bis(2-Chloroethyl)ether
Concen: 0.110 ng
RT: 6.51 min Scan# 752
Delta R.T. 0.04 min
Lab File: BF112770.D
Acq: 28 Feb 2019 19:29

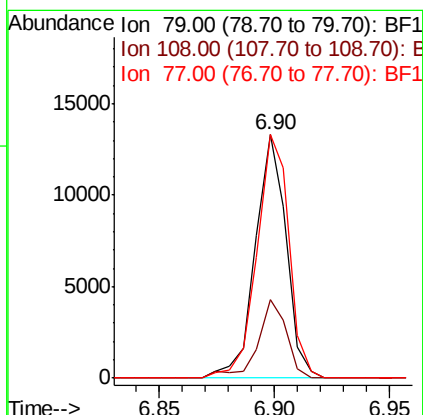
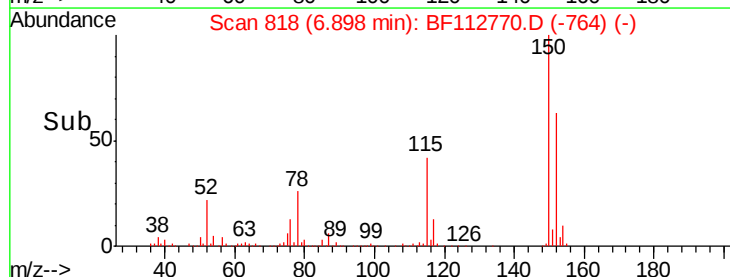
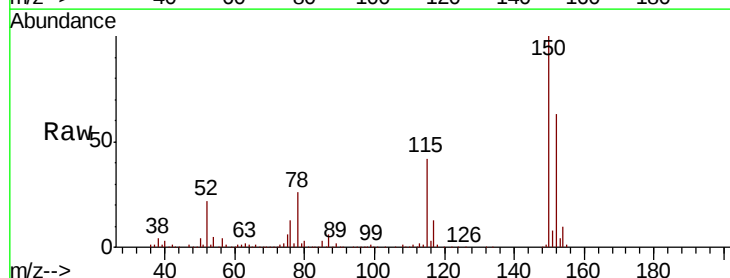
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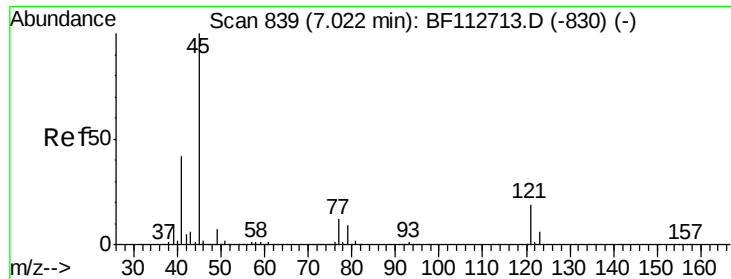
Tgt Ion: 93 Resp: 1524
Ion Ratio Lower Upper
93 100
63 726.6 60.5 100.5#
95 378.9 12.1 52.1#



#15
Benzyl Alcohol
Concen: 1.050 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.02 min
Lab File: BF112770.D
Acq: 28 Feb 2019 19:29

Tgt Ion: 79 Resp: 12429
Ion Ratio Lower Upper
79 100
108 32.1 64.2 96.4#
77 99.9 51.1 76.7#

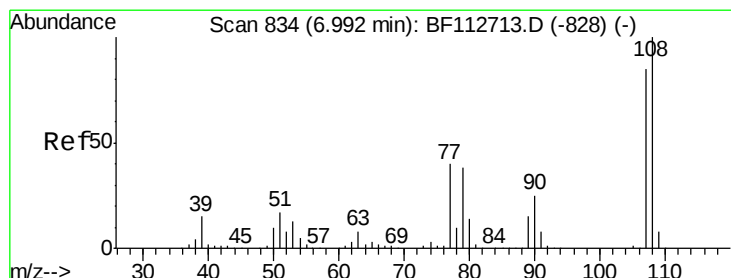
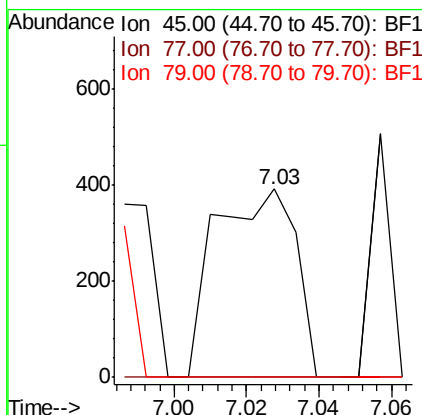
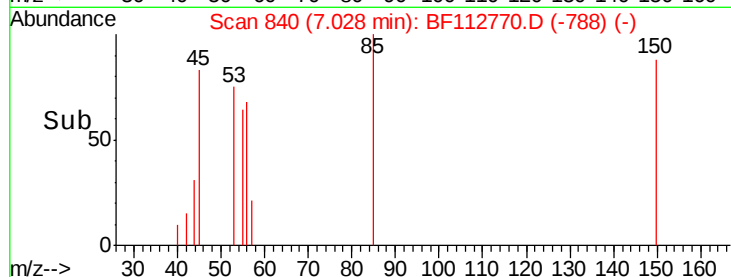
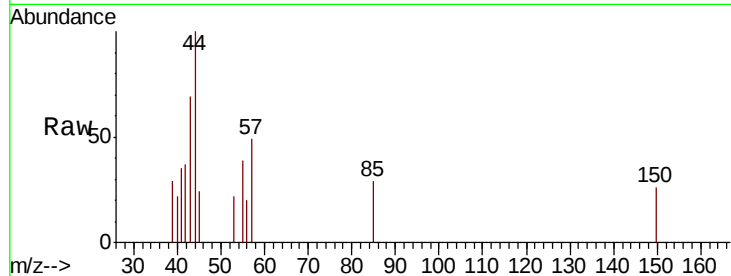




#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.026 ng
RT: 7.03 min Scan# 840
Delta R.T. 0.01 min
Lab File: BF112770.D
Acq: 28 Feb 2019 19:29

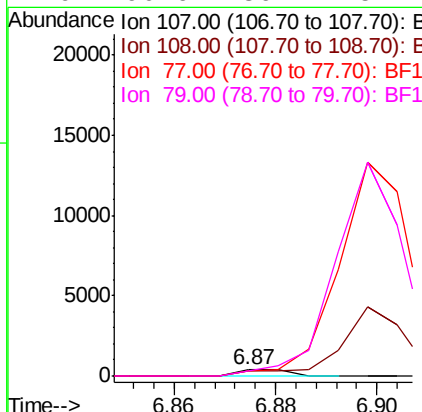
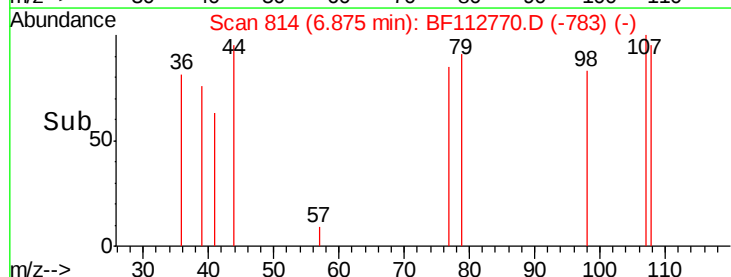
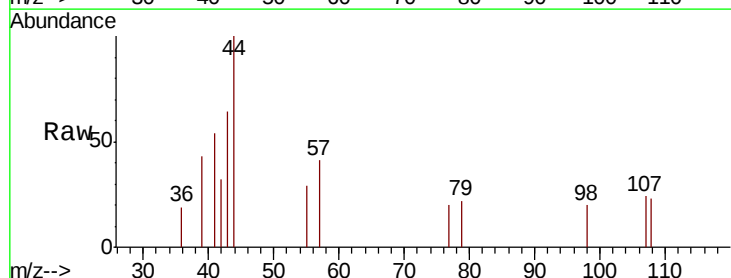
Instrument :
BNA_F
ClientSampleId :
B-5(9-10)

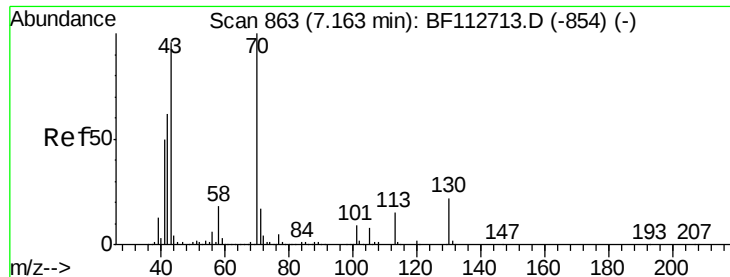
Tgt Ion: 45 Resp: 598
Ion Ratio Lower Upper
45 100
77 0.0 0.0 32.1
79 0.0 0.0 29.4



#17
2-Methylphenol
Concen: 0.024 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.12 min
Lab File: BF112770.D
Acq: 28 Feb 2019 19:29

Tgt Ion: 107 Resp: 263
Ion Ratio Lower Upper
107 100
108 95.5 94.6 142.0
77 84.8 37.8 56.8#
79 90.6 36.2 54.2#

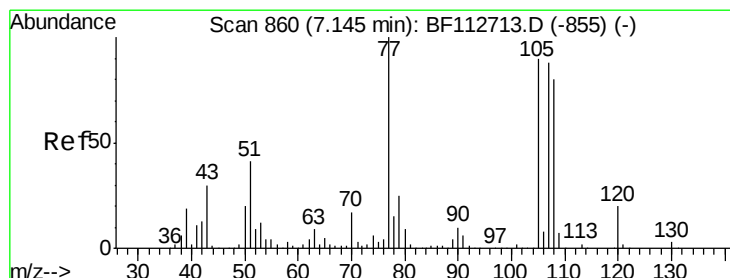
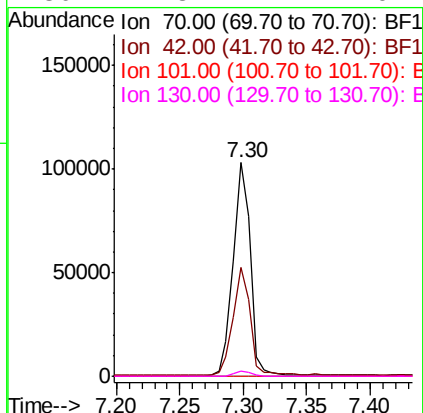
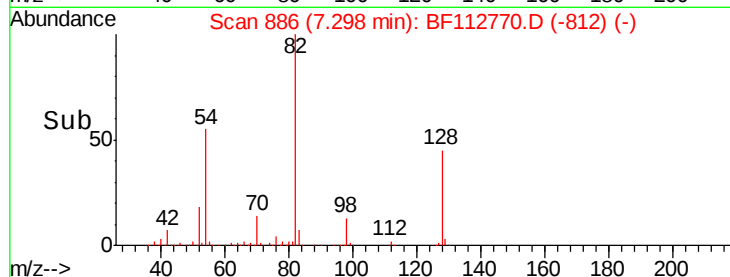
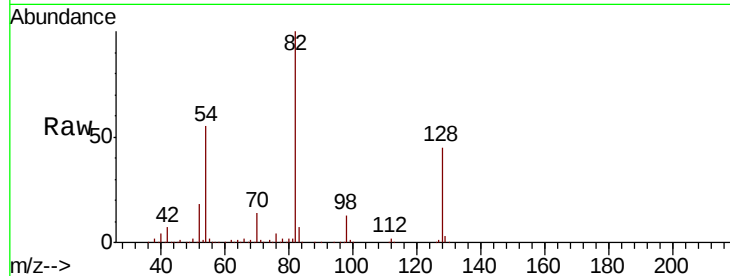




#19
n-Nitroso-di-n-propylamine
Concen: 9.855 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.14 min
Lab File: BF112770.D
Acq: 28 Feb 2019 19:29

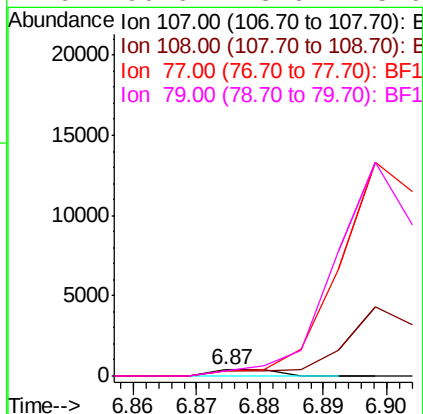
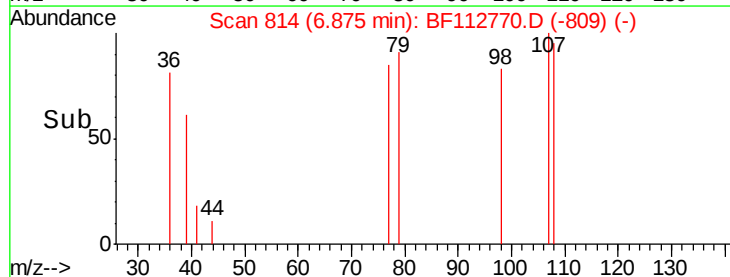
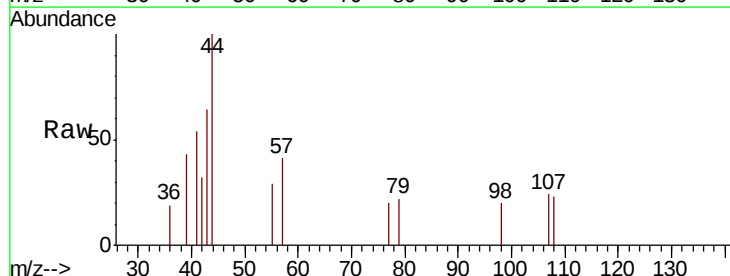
Instrument :
BNA_F
ClientSampleId :
B-5(9-10)

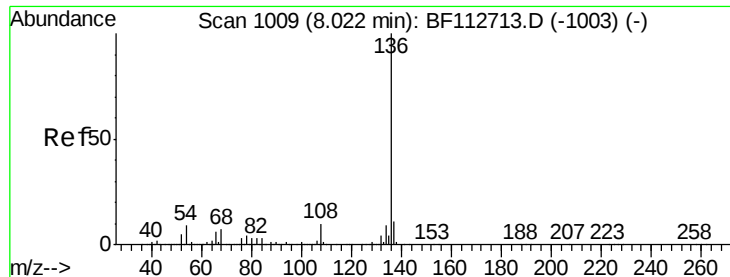
Tgt Ion: 70 Resp: 96904
Ion Ratio Lower Upper
70 100
42 51.2 49.9 74.9
101 0.0 7.4 11.2#
130 2.3 17.4 26.2#



#20
3+4-Methylphenols
Concen: 0.021 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.27 min
Lab File: BF112770.D
Acq: 28 Feb 2019 19:29

Tgt Ion: 107 Resp: 263
Ion Ratio Lower Upper
107 100
108 95.5 71.4 111.4
77 84.8 94.1 134.1#
79 90.6 8.6 48.6#

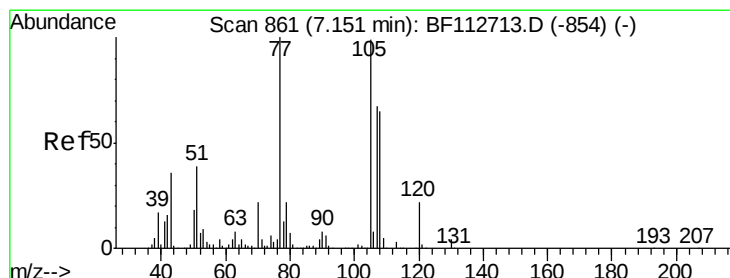
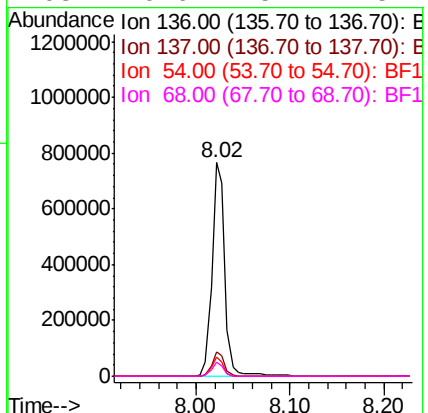
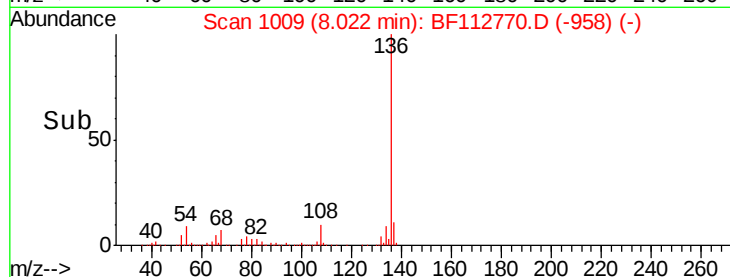
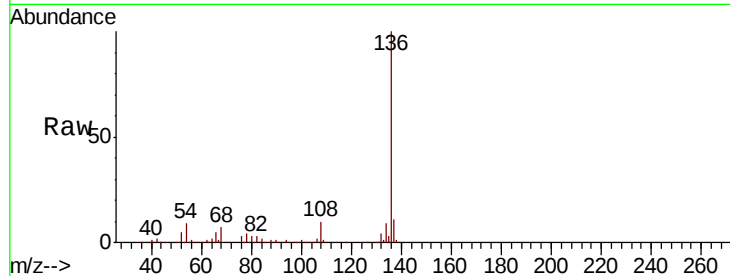




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BF112770.D
Acq: 28 Feb 2019 19:29

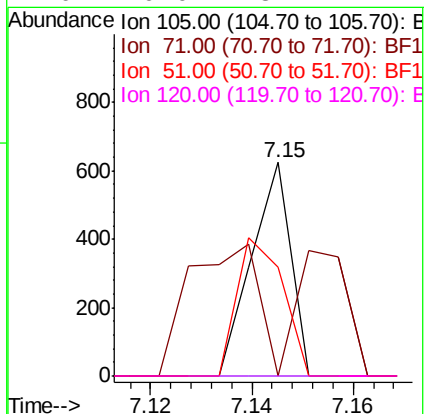
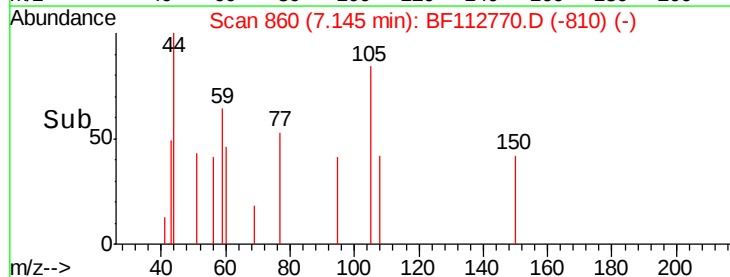
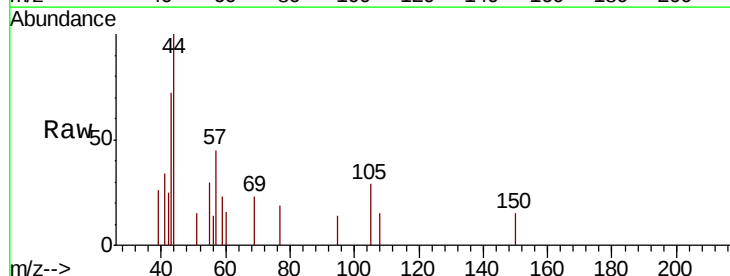
Instrument :
BNA_F
ClientSampleId :
B-5(9-10)

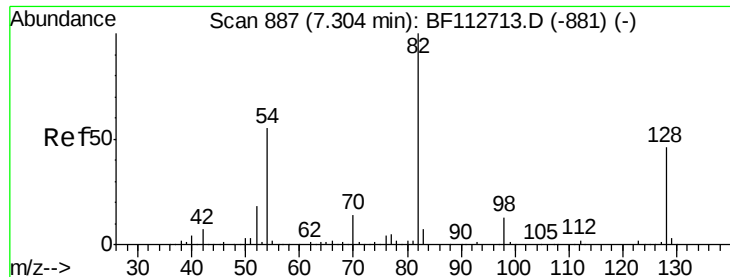
Tgt Ion:	136	Resp:	744502
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	8.8	7.3	10.9
68	6.6	5.4	8.2



#22
Acetophenone
Concen: 0.019 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF112770.D
Acq: 28 Feb 2019 19:29

Tgt Ion:	105	Resp:	333
Ion	Ratio	Lower	Upper
105	100		
71	0.0	3.0	4.4#
51	51.2	31.5	47.3#
120	0.0	18.1	27.1#

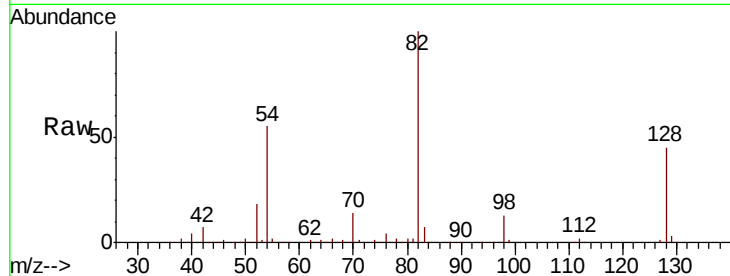




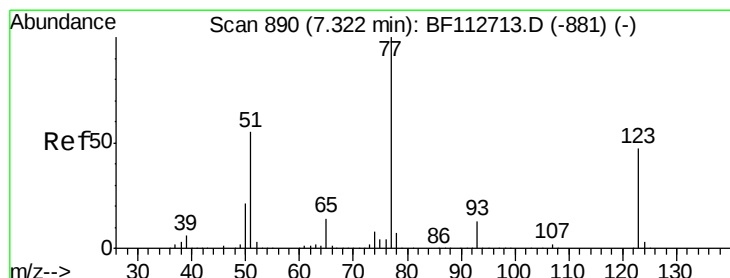
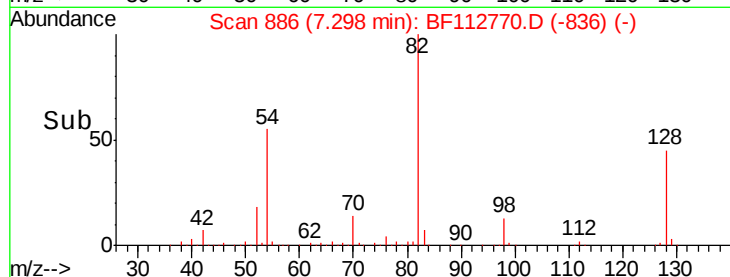
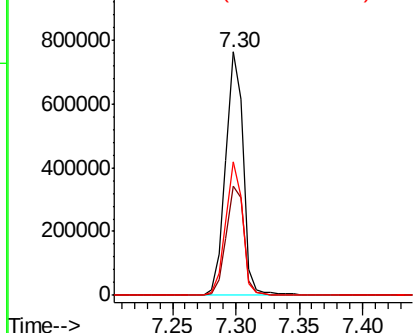
#23
 Nitrobenzene-d5
 Concen: 59.412 ng
 RT: 7.30 min Scan# 886
 Delta R.T. -0.01 min
 Lab File: BF112770.D
 Acq: 28 Feb 2019 19:29

Instrument :
 BNA_F
 ClientSampled :
 B-5(9-10)

Tgt Ion: 82 Resp: 739206
 Ion Ratio Lower Upper
 82 100
 128 44.8 36.3 54.5
 54 55.0 43.7 65.5

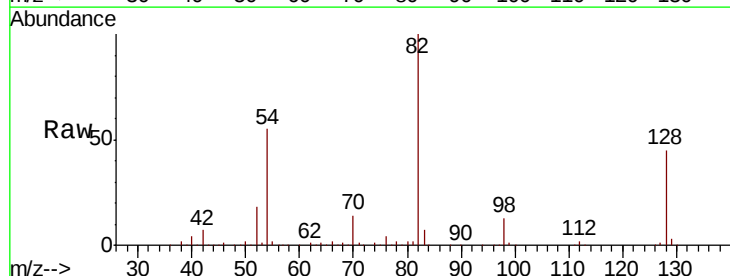


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

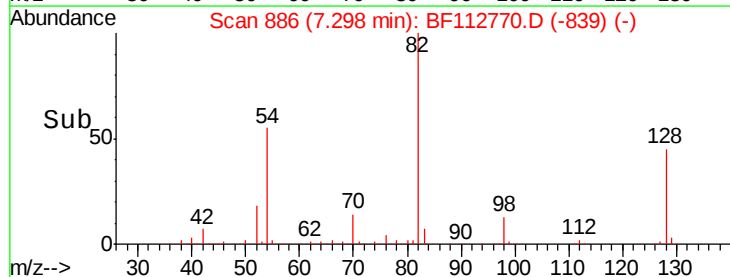
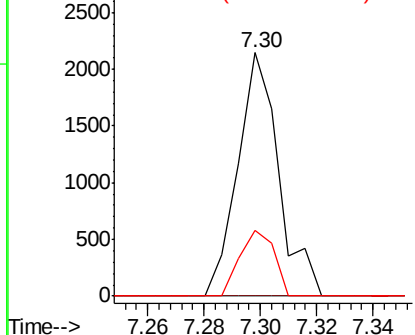


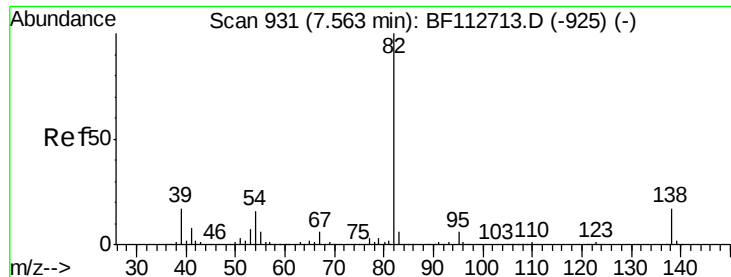
#24
 Nitrobenzene
 Concen: 0.156 ng
 RT: 7.30 min Scan# 886
 Delta R.T. -0.02 min
 Lab File: BF112770.D
 Acq: 28 Feb 2019 19:29

Tgt Ion: 77 Resp: 2155
 Ion Ratio Lower Upper
 77 100
 123 0.0 37.8 56.6#
 65 27.1 11.1 16.7#



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: 27.417 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.26 min

Lab File: BF112770.D

Acq: 28 Feb 2019 19:29

Instrument :

BNA_F

ClientSampleId :

B-5(9-10)

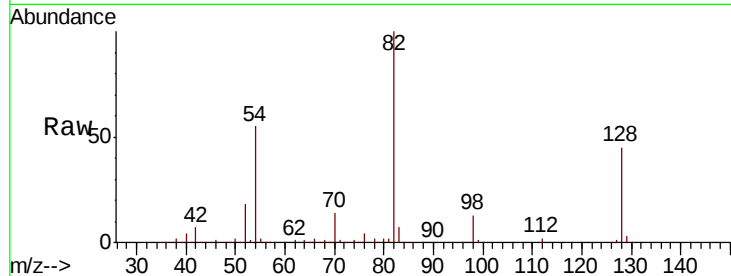
Tgt Ion: 82 Resp: 734889

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

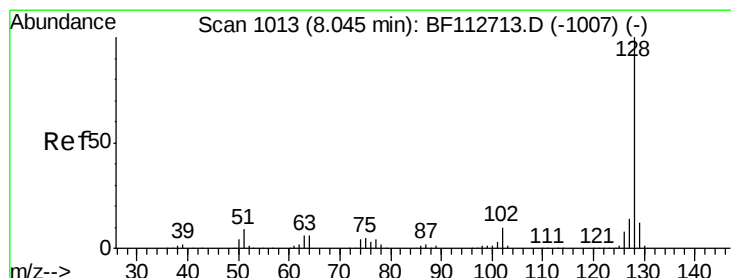
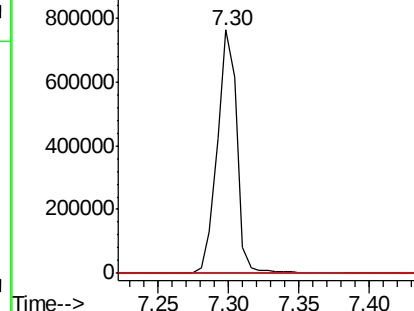
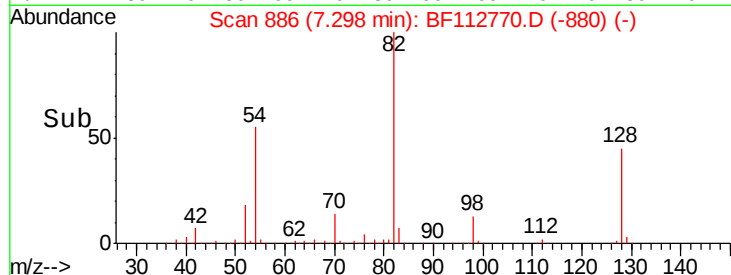
138 0.0 13.8 20.8#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#31

Naphthalene

Concen: 0.007 ng

RT: 8.05 min Scan# 1013

Delta R.T. -0.00 min

Lab File: BF112770.D

Acq: 28 Feb 2019 19:29

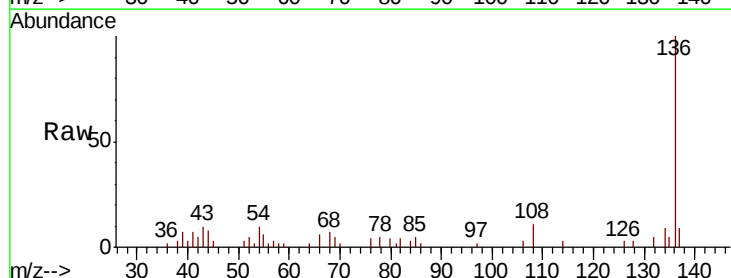
Tgt Ion: 128 Resp: 264

Ion Ratio Lower Upper

128 100

129 0.0 9.3 13.9#

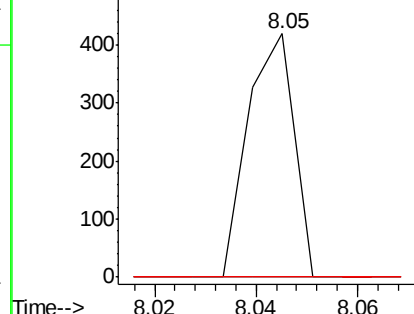
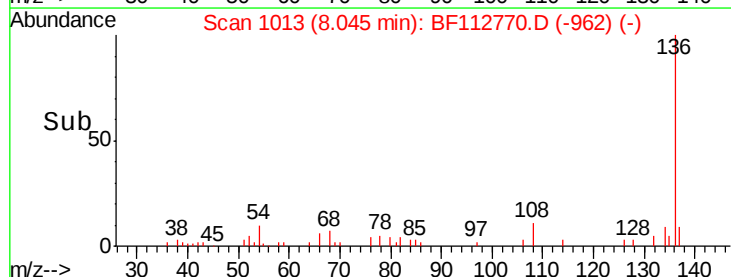
127 0.0 10.9 16.3#

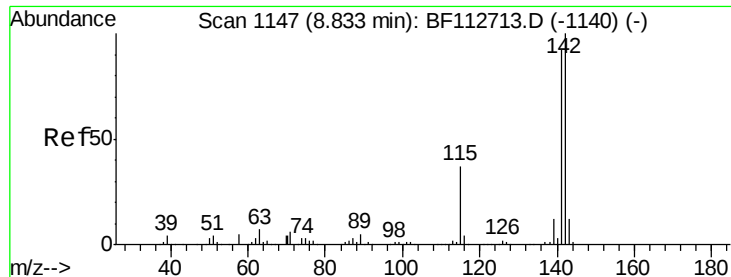


Abundance Ion 128.00 (127.70 to 128.70): BF1

Ion 129.00 (128.70 to 129.70): BF1

Ion 127.00 (126.70 to 127.70): BF1

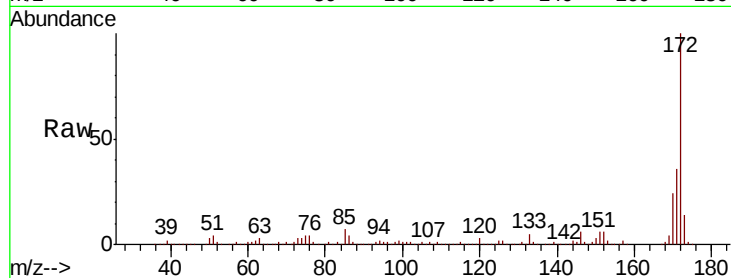




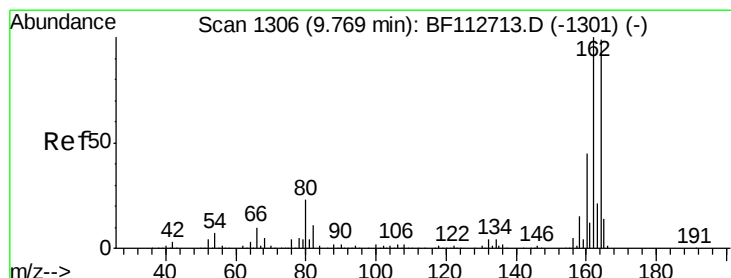
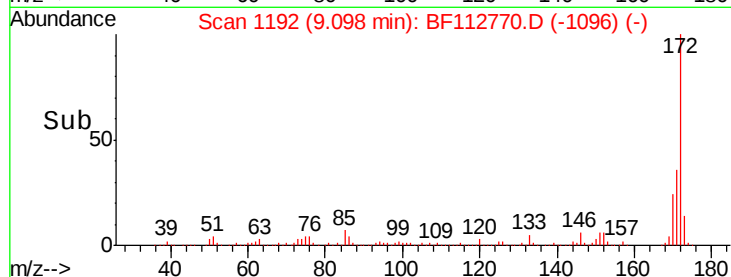
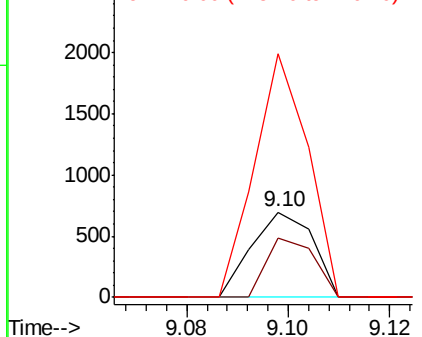
#38
 1-Methylnaphthalene
 Concen: 0.025 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. 0.26 min
 Lab File: BF112770.D
 Acq: 28 Feb 2019 19:29

Instrument :
 BNA_F
 ClientSampleId :
 B-5(9-10)

Tgt Ion:142 Resp: 582
 Ion Ratio Lower Upper
 142 100
 141 69.4 73.7 110.5#
 116 285.9 3.1 4.7#

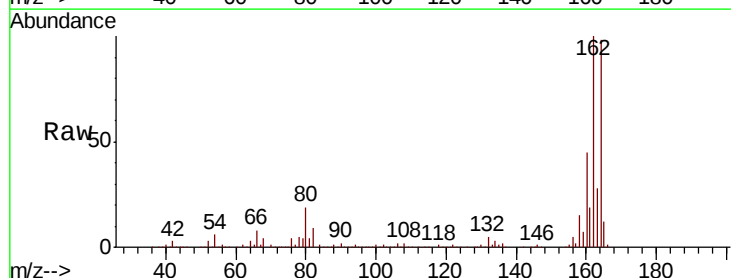


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 116.00 (115.70 to 116.70): E

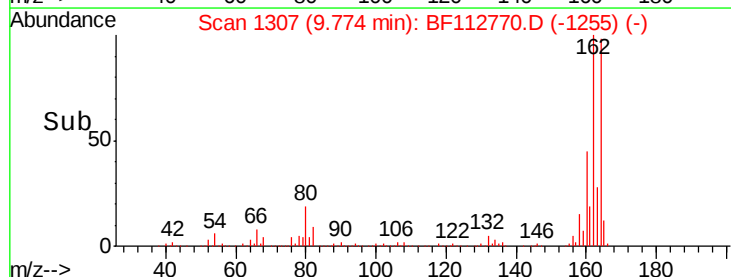
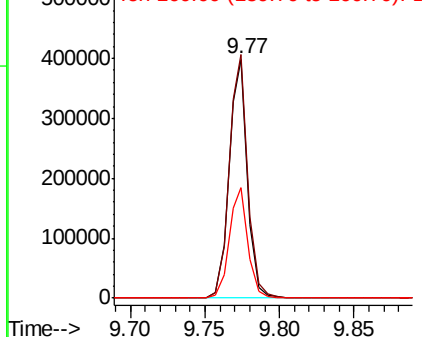


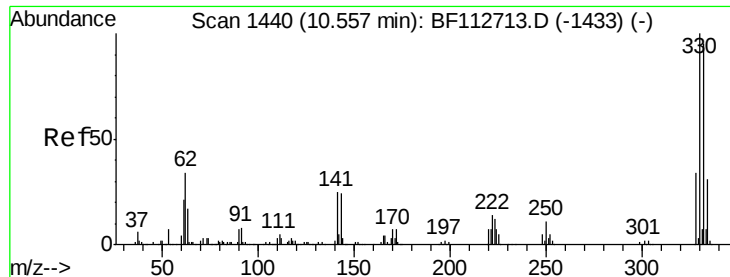
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. 0.01 min
 Lab File: BF112770.D
 Acq: 28 Feb 2019 19:29

Tgt Ion:164 Resp: 344338
 Ion Ratio Lower Upper
 164 100
 162 101.9 80.6 120.8
 160 46.0 36.0 54.0



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

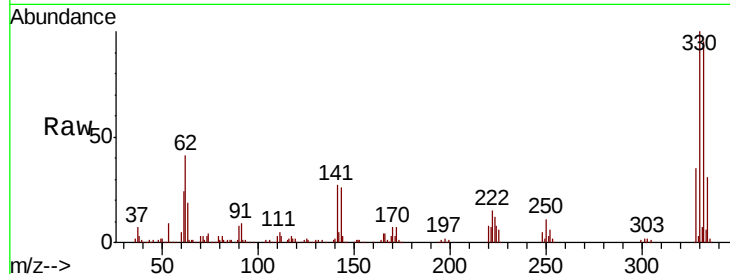




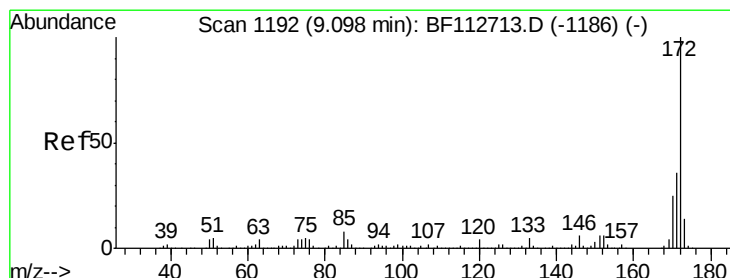
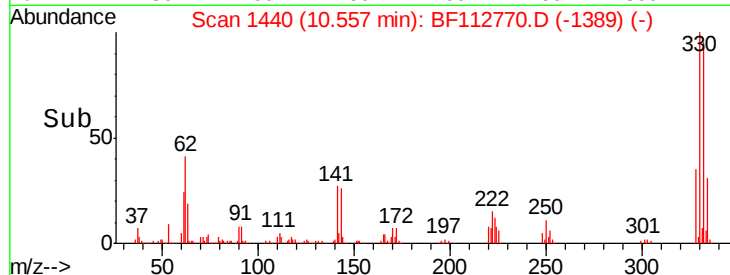
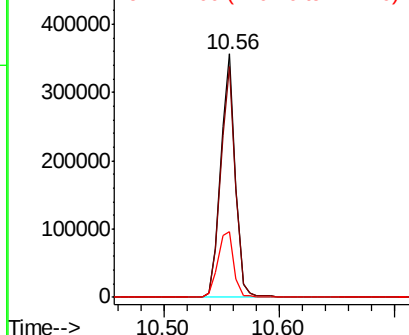
#42
 2,4,6-Tribromophenol
 Concen: 85.441 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: BF112770.D
 Acq: 28 Feb 2019 19:29

Instrument :
 BNA_F
 ClientSampleId :
 B-5(9-10)

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.2	114.4
141	29.8	27.0	40.6

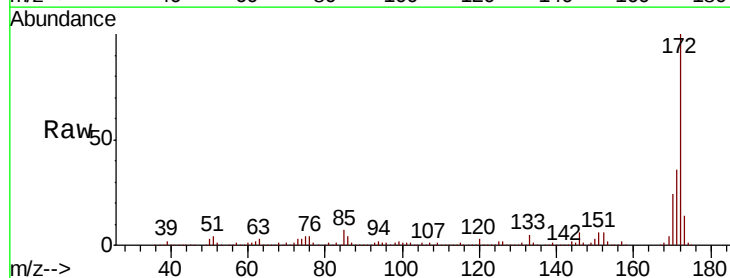


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

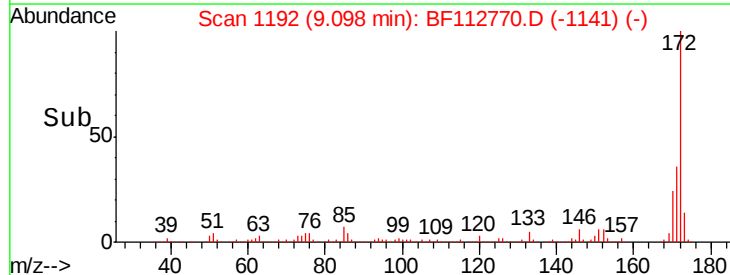
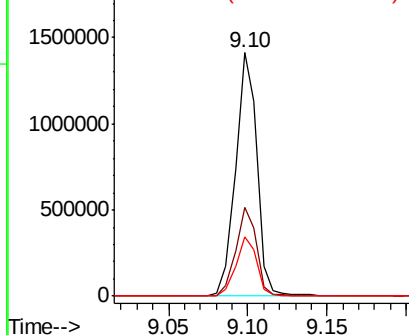


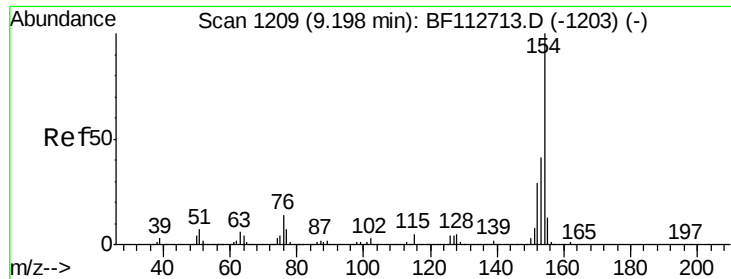
#45
 2-Fluorobiphenyl
 Concen: 61.981 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. 0.00 min
 Lab File: BF112770.D
 Acq: 28 Feb 2019 19:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.0	43.4
170	24.3	20.0	30.0



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

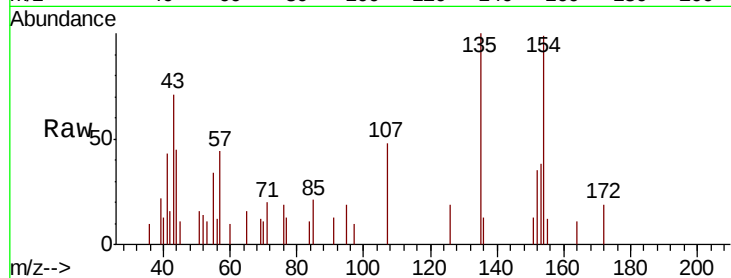




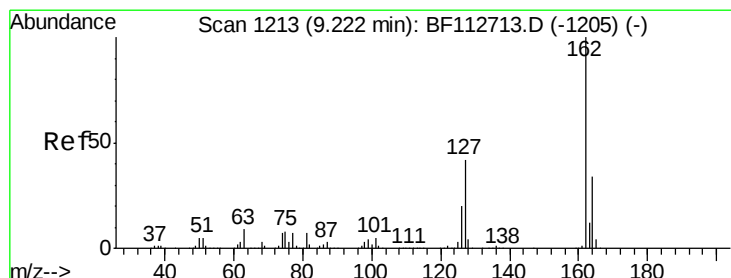
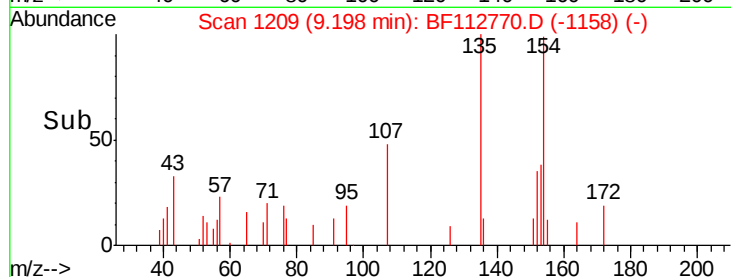
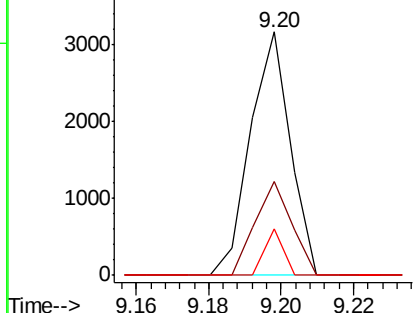
#46
 1,1'-Biphenyl
 Concen: 0.087 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.00 min
 Lab File: BF112770.D
 Acq: 28 Feb 2019 19:29

Instrument :
 BNA_F
 ClientSampled :
 B-5(9-10)

Tgt Ion:	154	Resp:	2436
Ion	Ratio	Lower	Upper
154	100		
153	38.6	20.8	60.8
76	19.1	0.0	33.8

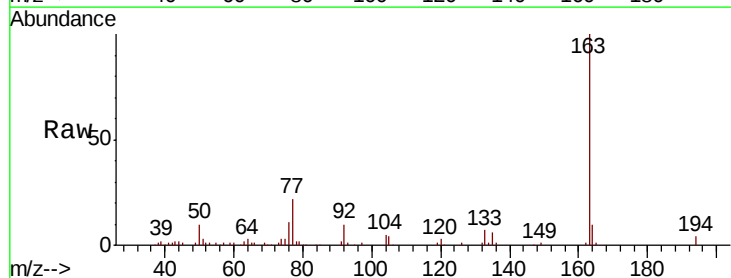


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

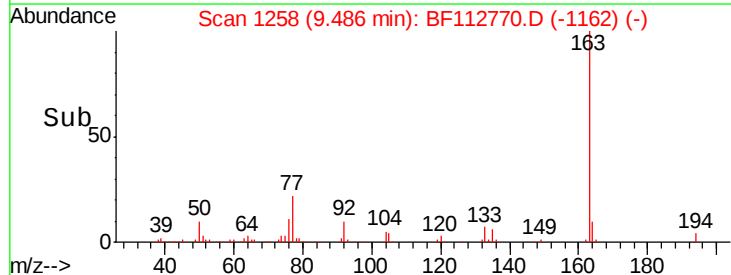
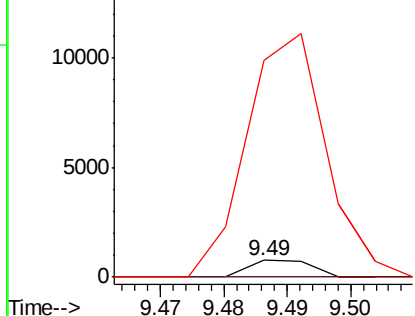


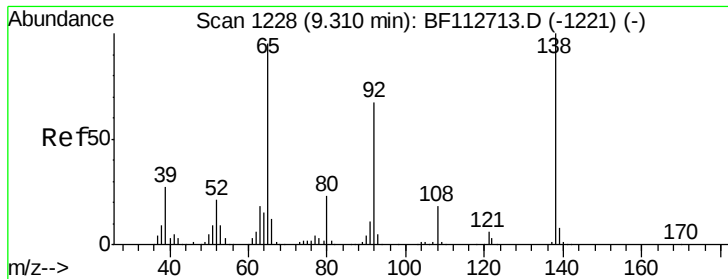
#47
 2-Chloronaphthalene
 Concen: 0.024 ng
 RT: 9.49 min Scan# 1258
 Delta R.T. 0.26 min
 Lab File: BF112770.D
 Acq: 28 Feb 2019 19:29

Tgt Ion:	162	Resp:	528
Ion	Ratio	Lower	Upper
162	100		
127	0.0	33.4	50.2#
164	1307.8	26.9	40.3#



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

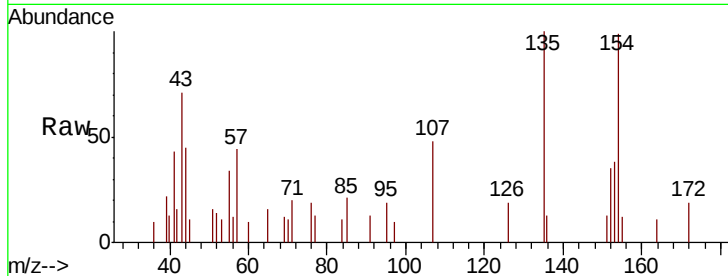




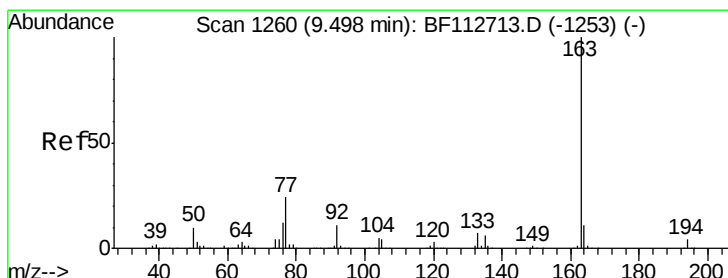
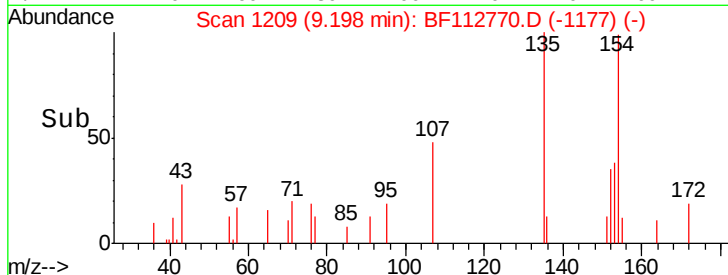
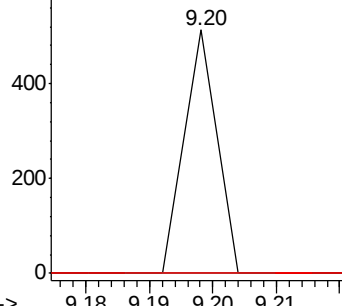
#48
2-Nitroaniline
Concen: 0.027 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.11 min
Lab File: BF112770.D
Acq: 28 Feb 2019 19:29

Instrument :
BNA_F
ClientSampleId :
B-5(9-10)

Tgt Ion: 65 Resp: 181
Ion Ratio Lower Upper
65 100
92 0.0 56.4 84.6#
138 0.0 84.6 126.8#

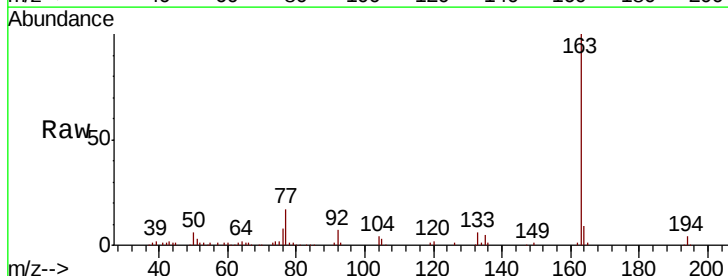


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E

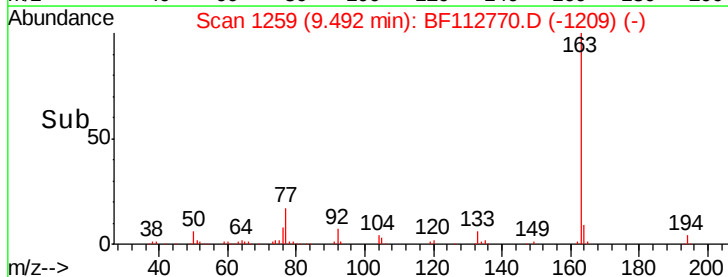
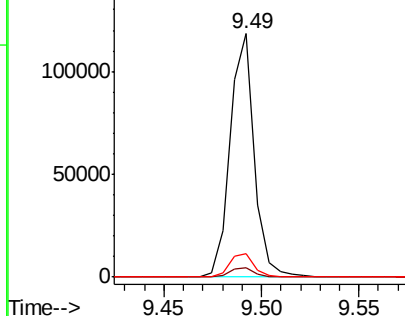


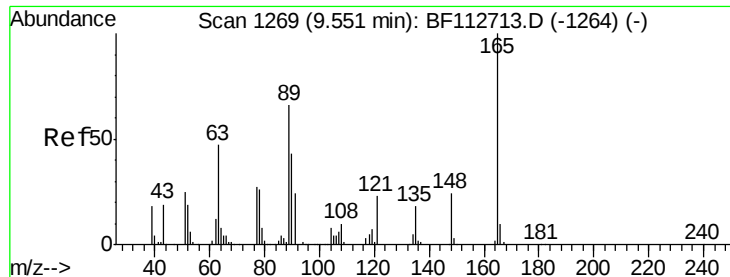
#50
Dimethylphthalate
Concen: 3.983 ng
RT: 9.49 min Scan# 1259
Delta R.T. -0.01 min
Lab File: BF112770.D
Acq: 28 Feb 2019 19:29

Tgt Ion: 163 Resp: 101135
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.4
164 9.4 8.4 12.6



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: 8.220 ng

RT: 9.77 min Scan# 1307

Delta R.T. 0.22 min

Lab File: BF112770.D

Acq: 28 Feb 2019 19:29

Instrument :

BNA_F

ClientSampleId :

B-5(9-10)

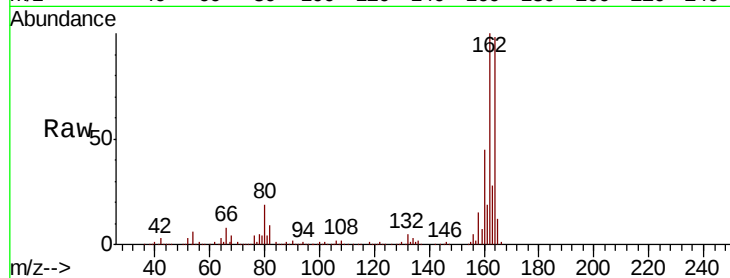
Tgt Ion:165 Resp: 43462

Ion Ratio Lower Upper

165 100

63 1.3 54.1 81.1#

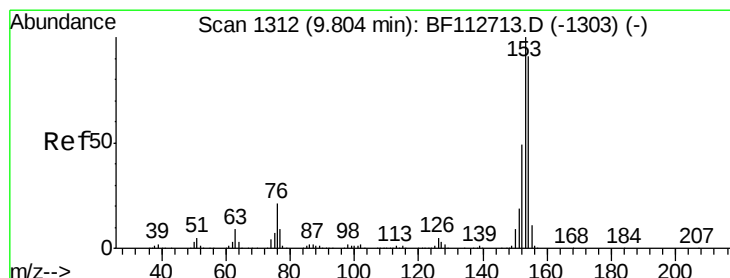
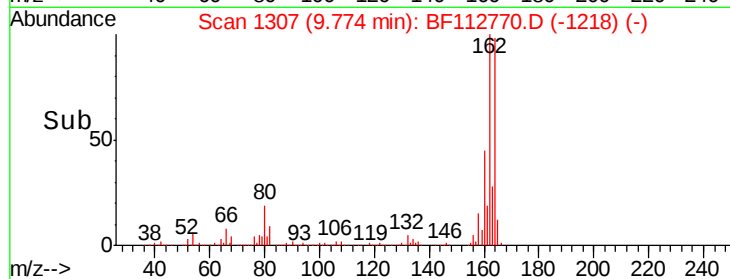
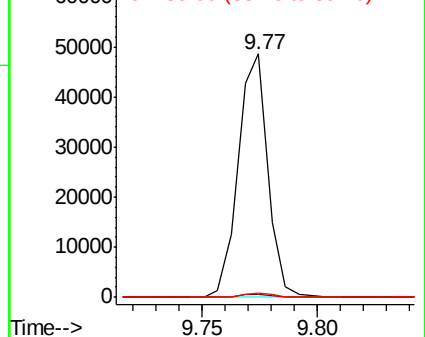
89 1.7 52.8 79.2#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 0.067 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.03 min

Lab File: BF112770.D

Acq: 28 Feb 2019 19:29

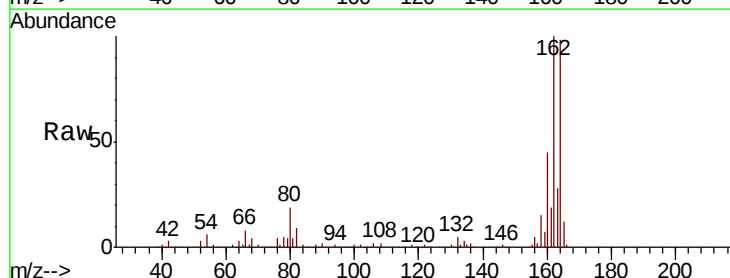
Tgt Ion:154 Resp: 1450

Ion Ratio Lower Upper

154 100

153 0.0 87.8 131.8#

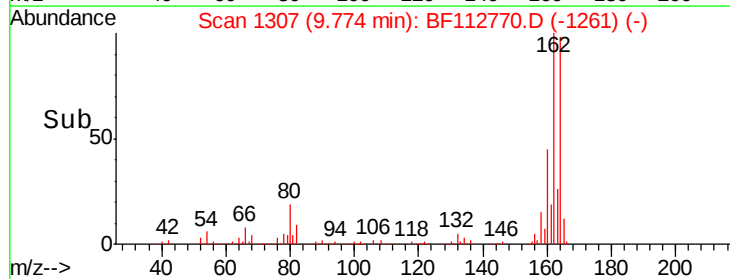
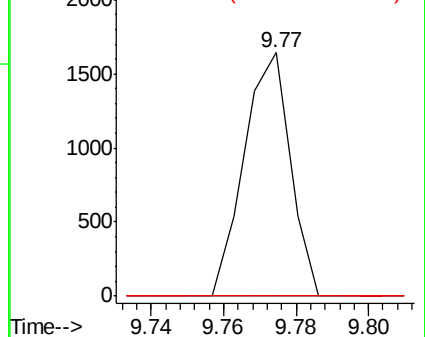
152 0.0 43.0 64.6#

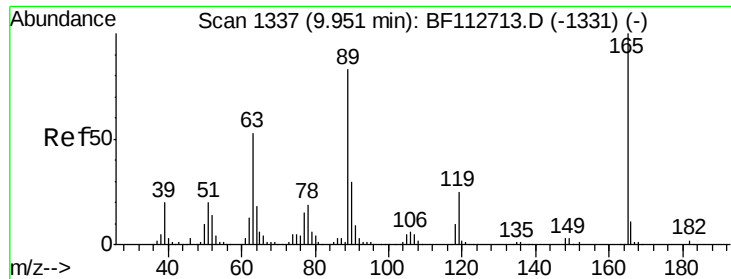


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

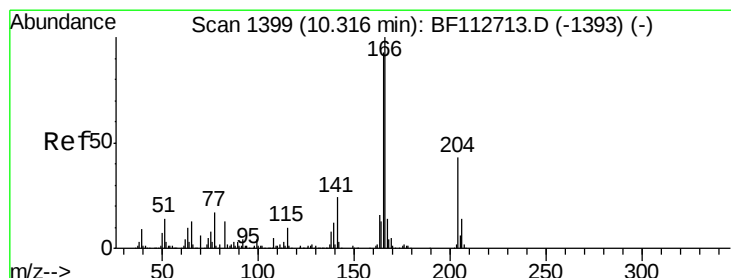
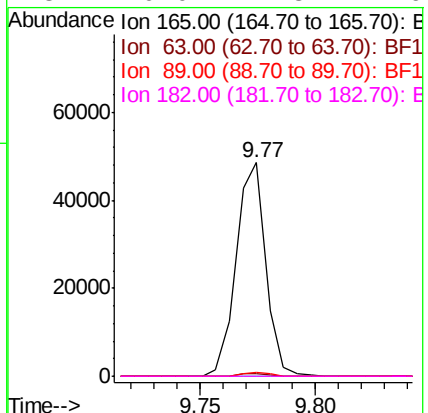
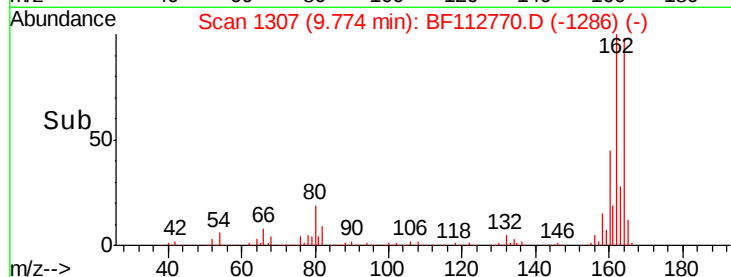
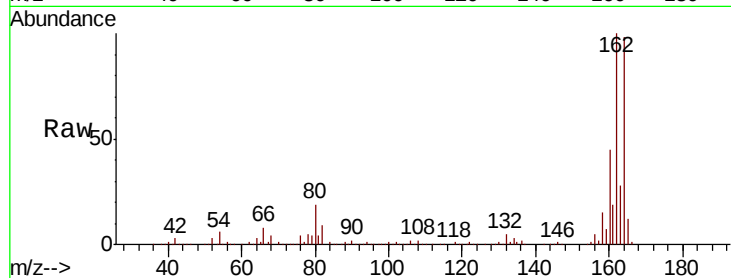




#57
2,4-Dinitrotoluene
Concen: 6.613 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.18 min
Lab File: BF112770.D
Acq: 28 Feb 2019 19:29

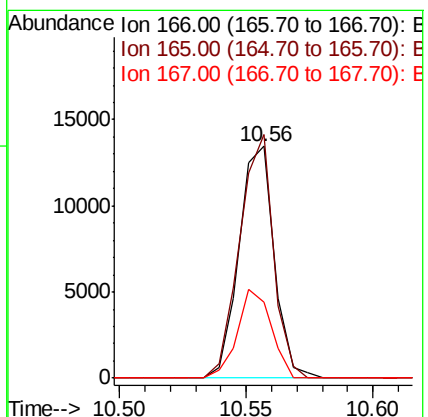
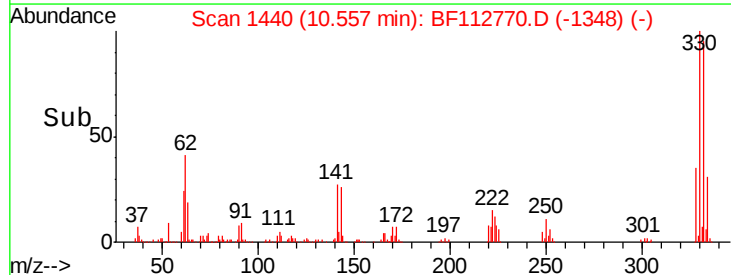
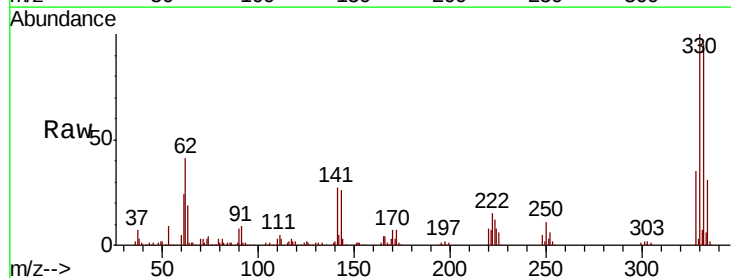
Instrument :
BNA_F
ClientSampleId :
B-5(9-10)

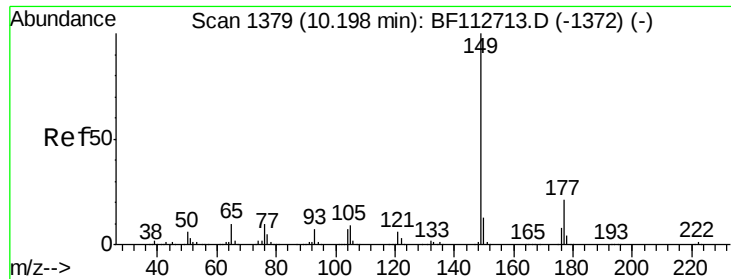
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	42.2	63.2#
89	1.7	66.2	99.4#
182	0.0	1.8	2.6#



#58
Fluorene
Concen: 0.579 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.24 min
Lab File: BF112770.D
Acq: 28 Feb 2019 19:29

Tgt Ion	Ratio	Lower	Upper
166	100		
165	104.9	74.7	112.1
167	37.5	11.0	16.6#

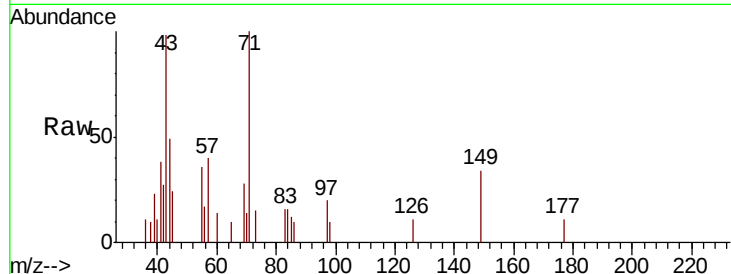




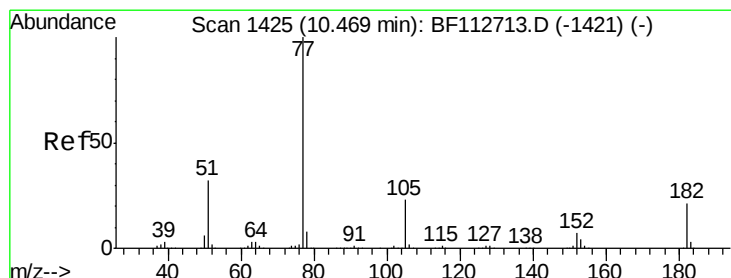
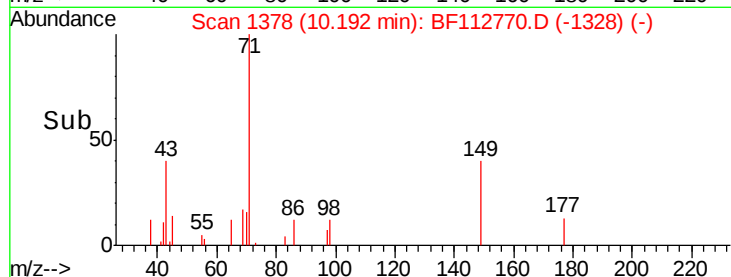
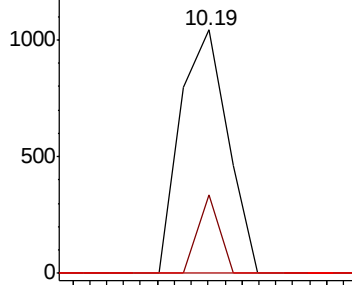
#60
Diethylphthalate
Concen: 0.030 ng
RT: 10.19 min Scan# 1378
Delta R.T. -0.01 min
Lab File: BF112770.D
Acq: 28 Feb 2019 19:29

Instrument :
BNA_F
ClientSampleId :
B-5(9-10)

Tgt Ion: 149 Resp: 812
Ion Ratio Lower Upper
149 100
177 32.0 17.0 25.6#
150 0.0 10.0 15.0#

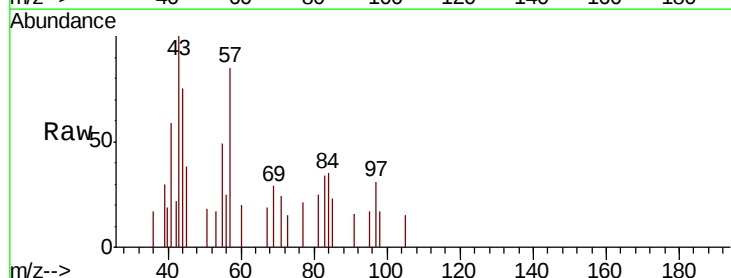


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

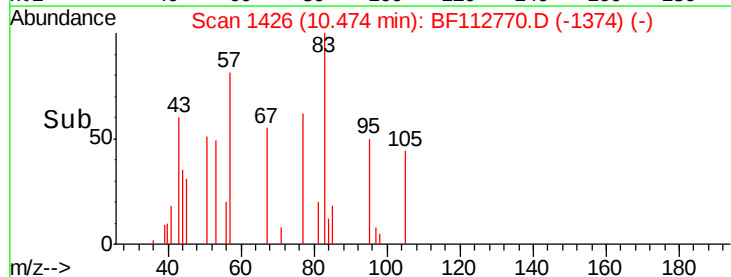
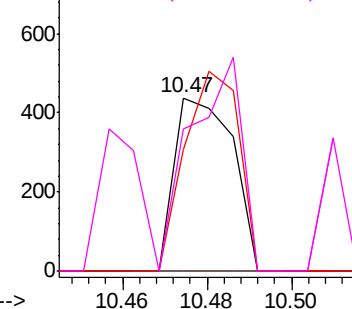


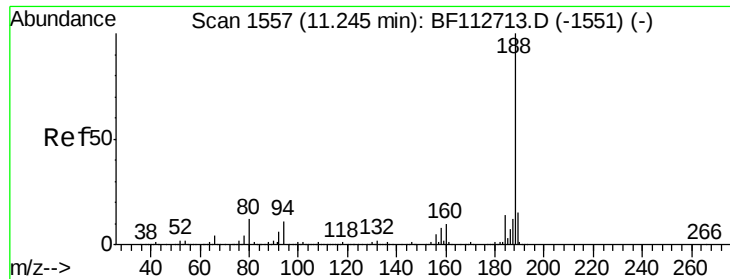
#63
Azobenzene
Concen: 0.015 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.01 min
Lab File: BF112770.D
Acq: 28 Feb 2019 19:29

Tgt Ion: 77 Resp: 419
Ion Ratio Lower Upper
77 100
182 0.0 1.4 41.4#
105 70.3 2.6 42.6#
51 82.2 12.0 52.0#



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.25 min Scan# 1558

Delta R.T. 0.01 min

Lab File: BF112770.D

Acq: 28 Feb 2019 19:29

Instrument :

BNA_F

ClientSampleId :

B-5(9-10)

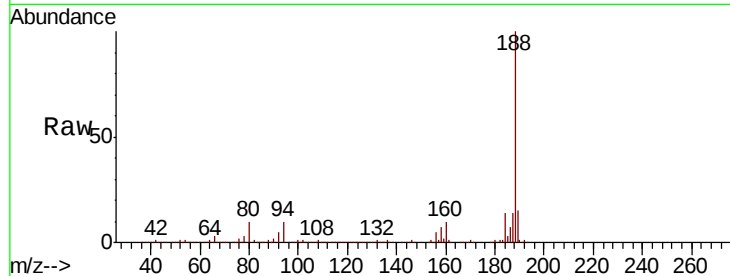
Tgt Ion:188 Resp: 634167

Ion Ratio Lower Upper

188 100

94 9.6 9.0 13.4

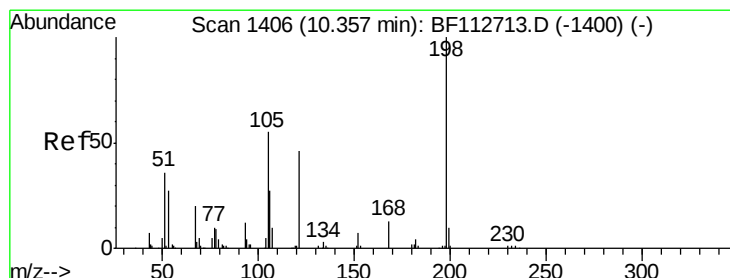
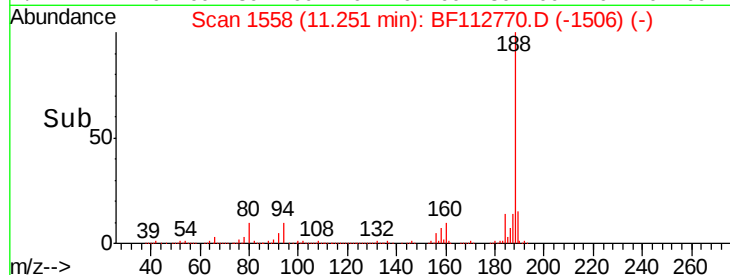
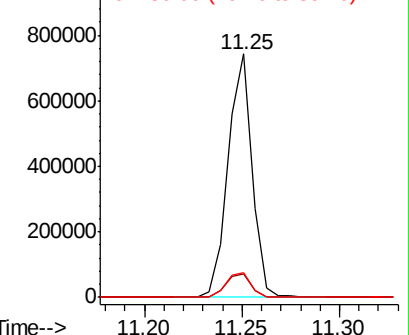
80 10.1 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#65

4,6-Dinitro-2-methylphenol

Concen: 4.771 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.20 min

Lab File: BF112770.D

Acq: 28 Feb 2019 19:29

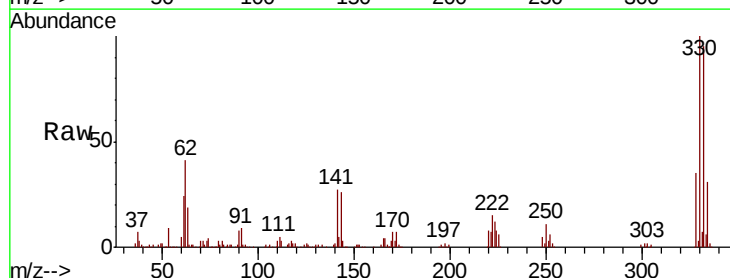
Tgt Ion:198 Resp: 455

Ion Ratio Lower Upper

198 100

51 231.5 43.8 83.8#

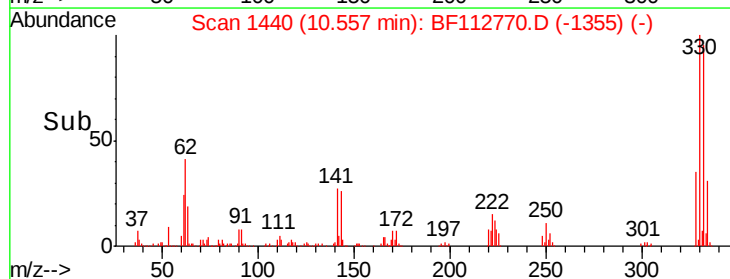
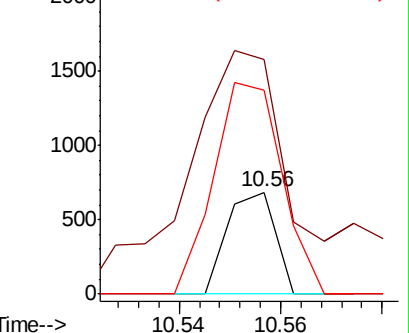
105 200.7 36.5 76.5#

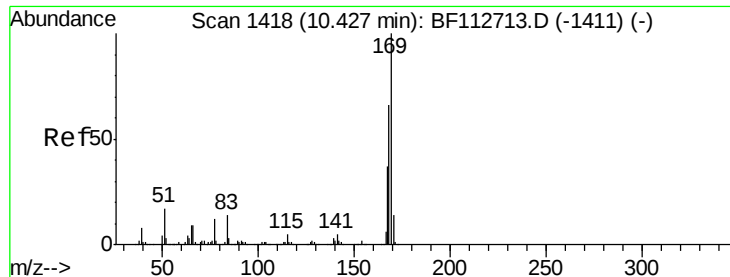


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

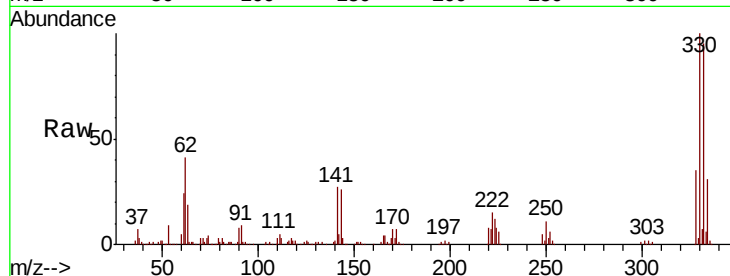




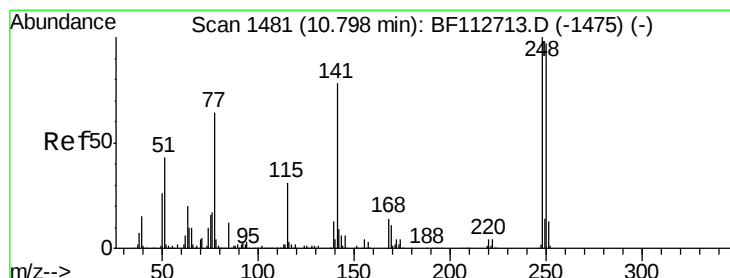
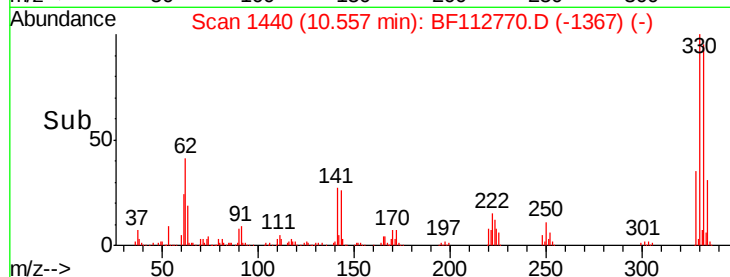
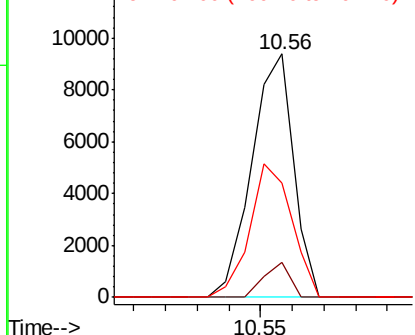
#66
 n-Nitrosodiphenylamine
 Concen: 0.422 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. 0.13 min
 Lab File: BF112770.D
 Acq: 28 Feb 2019 19:29

Instrument :
 BNA_F
 ClientSampleId :
 B-5(9-10)

Tgt Ion:169 Resp: 8577
 Ion Ratio Lower Upper
 169 100
 168 14.1 53.0 79.6#
 167 53.8 29.3 43.9#

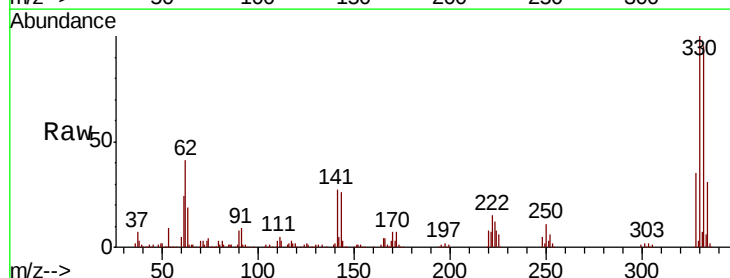


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

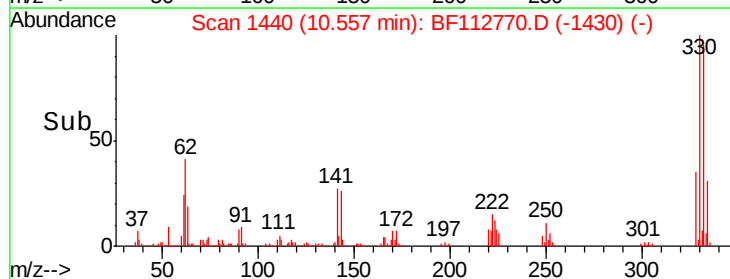
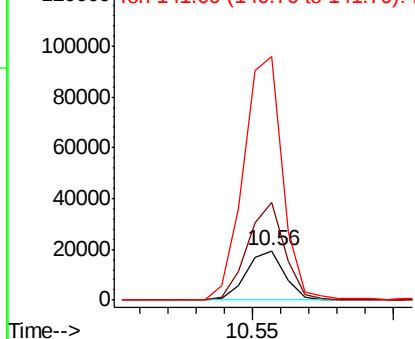


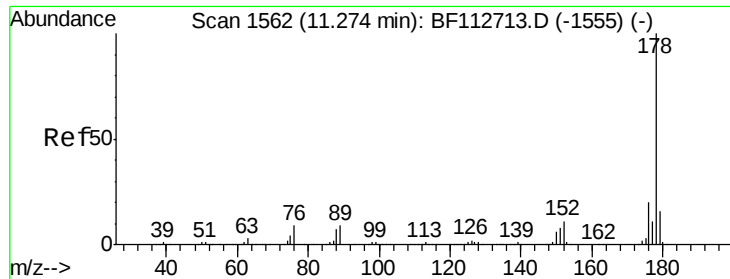
#67
 4-Bromophenyl-phenylether
 Concen: 2.706 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.24 min
 Lab File: BF112770.D
 Acq: 28 Feb 2019 19:29

Tgt Ion:248 Resp: 18078
 Ion Ratio Lower Upper
 248 100
 250 198.0 77.5 116.3#
 141 493.7 62.4 93.6#



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





#71

Phenanthrene

Concen: 0.027 ng

RT: 11.27 min Scan# 1561

Delta R.T. -0.01 min

Lab File: BF112770.D

Acq: 28 Feb 2019 19:29

Instrument :

BNA_F

ClientSampleId :

B-5(9-10)

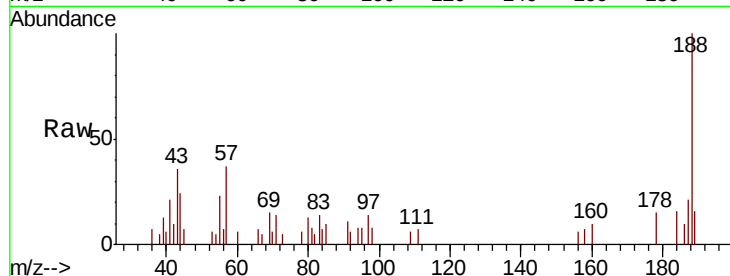
Tgt Ion:178 Resp: 858

Ion Ratio Lower Upper

178 100

176 0.0 16.3 24.5#

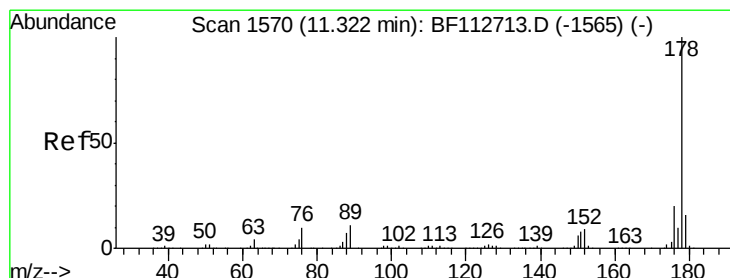
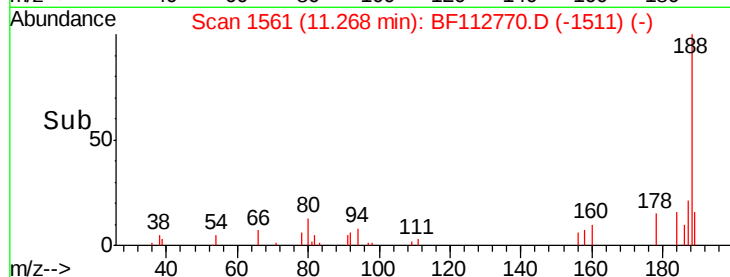
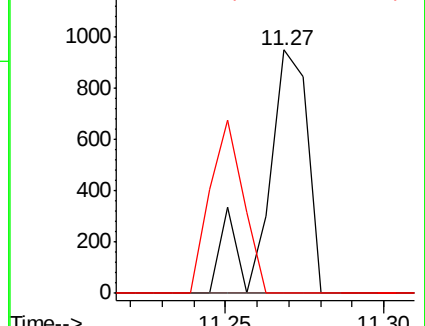
179 0.0 12.7 19.1#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 0.004 ng

RT: 11.32 min Scan# 1570

Delta R.T. -0.00 min

Lab File: BF112770.D

Acq: 28 Feb 2019 19:29

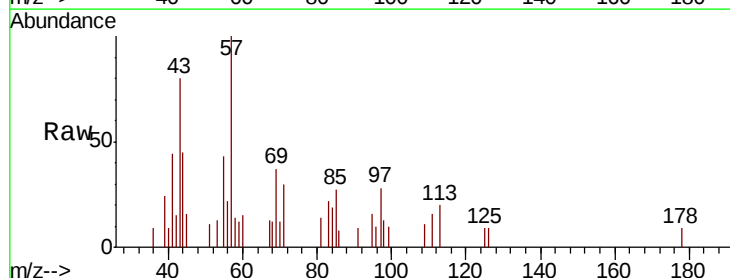
Tgt Ion:178 Resp: 120

Ion Ratio Lower Upper

178 100

176 0.0 15.8 23.6#

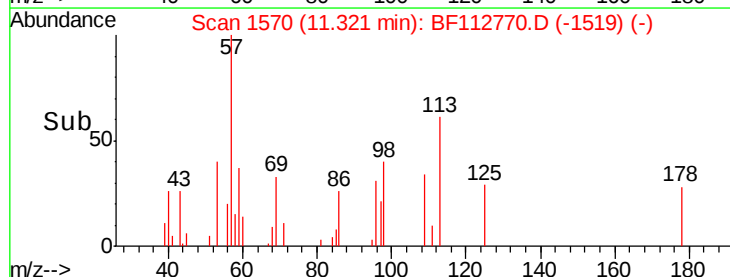
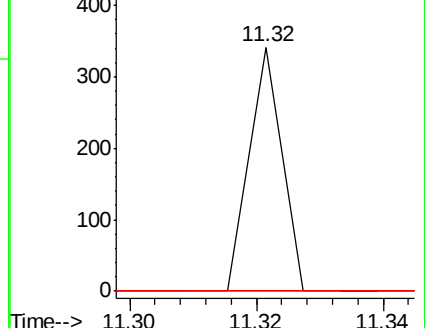
179 0.0 13.0 19.6#

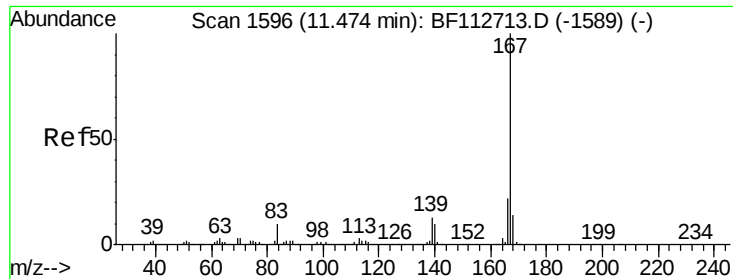


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

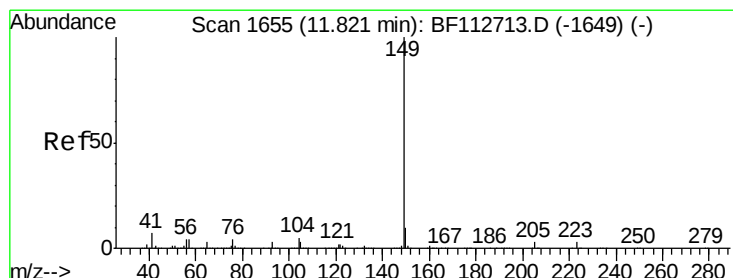
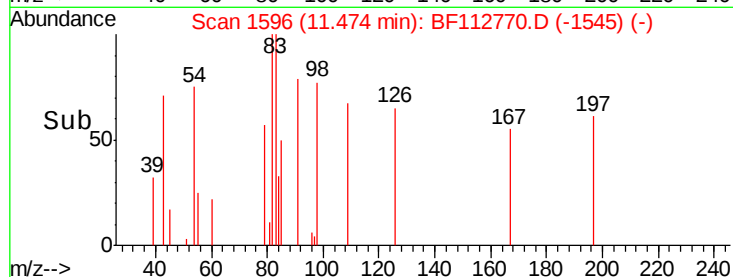
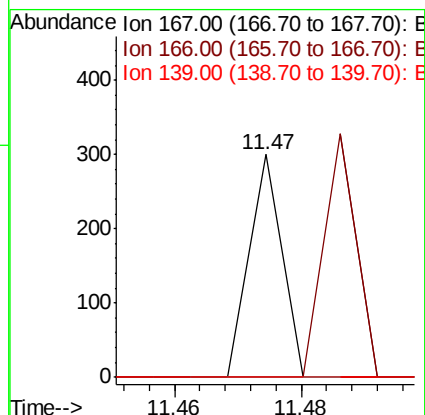
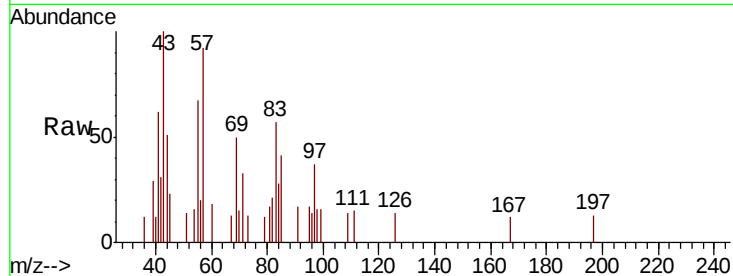




#73
 Carbazole
 Concen: 0.003 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. -0.00 min
 Lab File: BF112770.D
 Acq: 28 Feb 2019 19:29

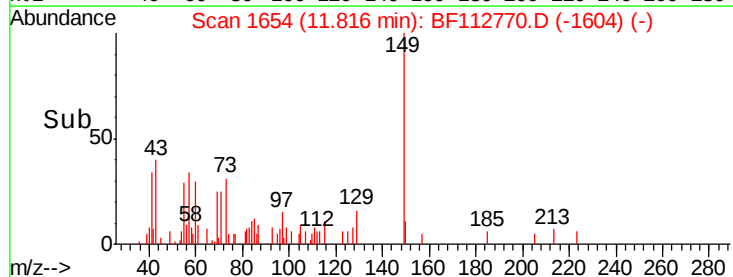
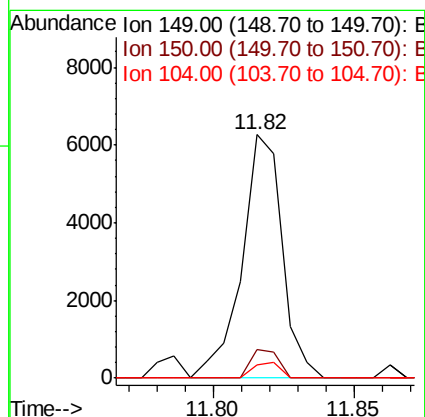
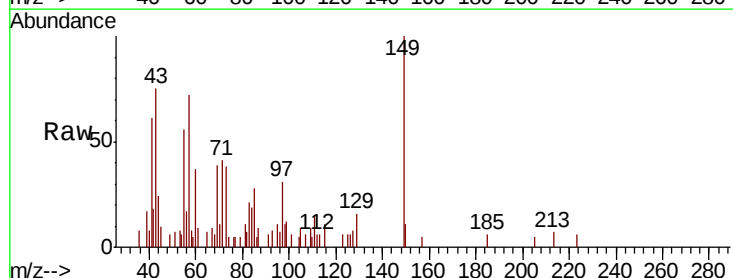
Instrument :
 BNA_F
 ClientSampleId :
 B-5(9-10)

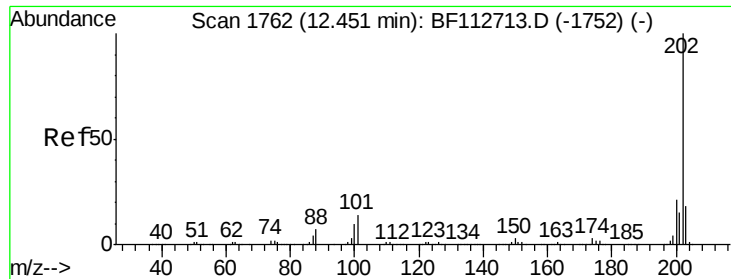
Tgt Ion:167 Resp: 106
 Ion Ratio Lower Upper
 167 100
 166 0.0 17.5 26.3#
 139 0.0 10.8 16.2#



#74
 Di-n-butylphthalate
 Concen: 0.161 ng
 RT: 11.82 min Scan# 1654
 Delta R.T. -0.01 min
 Lab File: BF112770.D
 Acq: 28 Feb 2019 19:29

Tgt Ion:149 Resp: 6229
 Ion Ratio Lower Upper
 149 100
 150 11.5 7.6 11.4#
 104 5.4 3.7 5.5

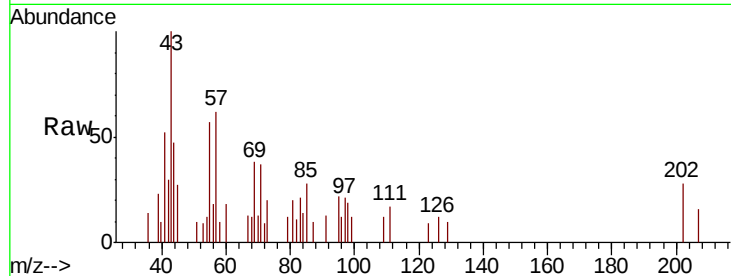




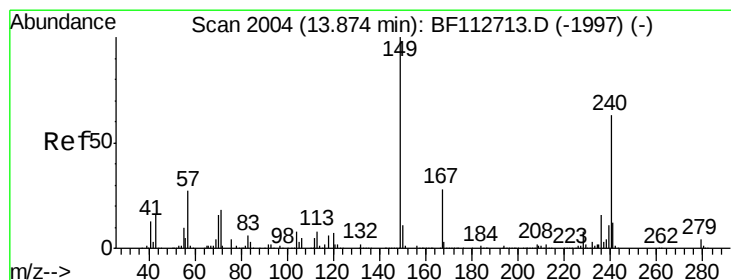
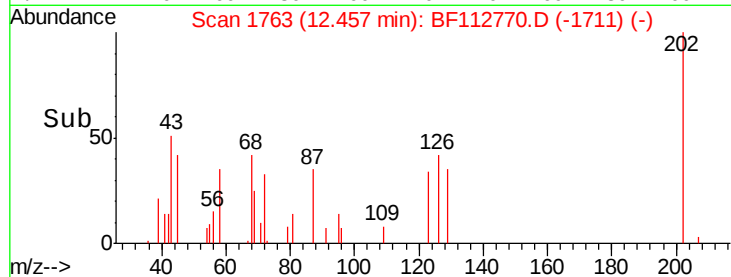
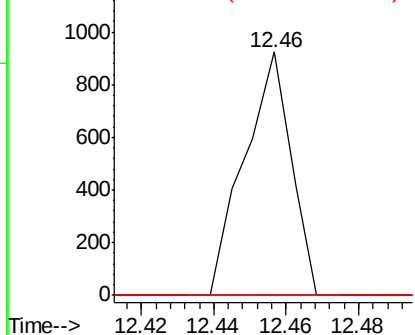
#75
 Fluoranthene
 Concen: 0.024 ng
 RT: 12.46 min Scan# 1763
 Delta R.T. 0.01 min
 Lab File: BF112770.D
 Acq: 28 Feb 2019 19:29

Instrument :
 BNA_F
 ClientSampleId :
 B-5(9-10)

Tgt Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	33.8
203	0.0	0.0	38.4

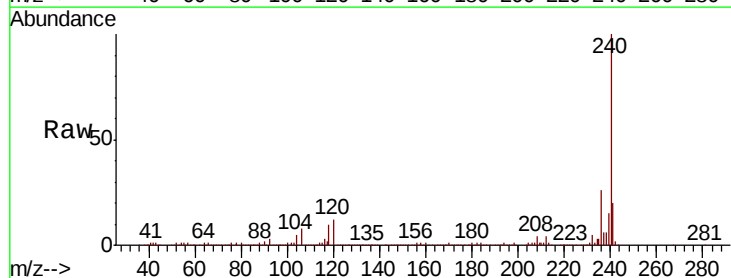


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

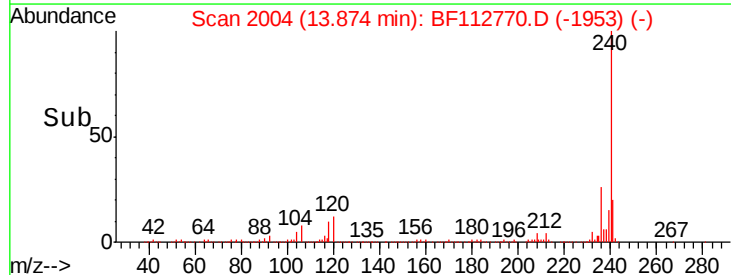
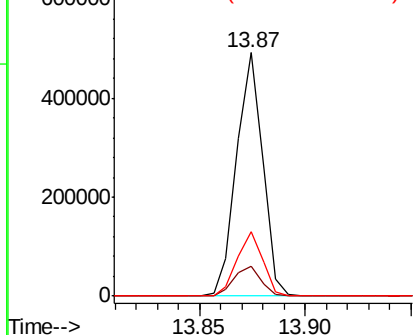


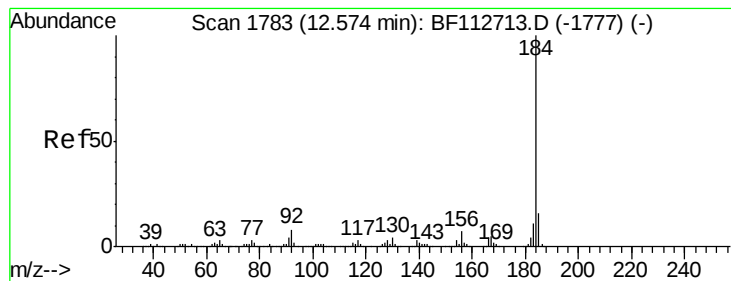
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.87 min Scan# 2004
 Delta R.T. -0.00 min
 Lab File: BF112770.D
 Acq: 28 Feb 2019 19:29

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.4	8.9	13.3
236	26.4	20.7	31.1



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: 0.658 ng

RT: 12.83 min Scan# 1827

Delta R.T. 0.26 min

Lab File: BF112770.D

Acq: 28 Feb 2019 19:29

Instrument :

BNA_F

ClientSampleId :

B-5(9-10)

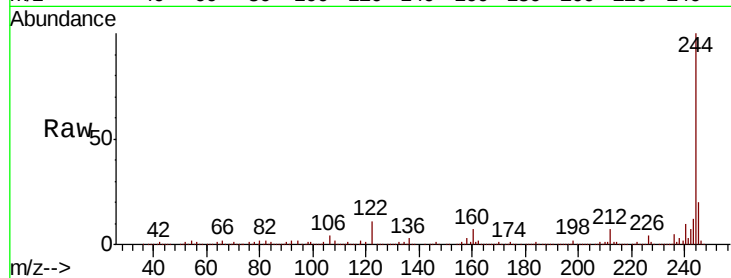
Tgt Ion:184 Resp: 14333

Ion Ratio Lower Upper

184 100

185 18.0 12.6 18.8

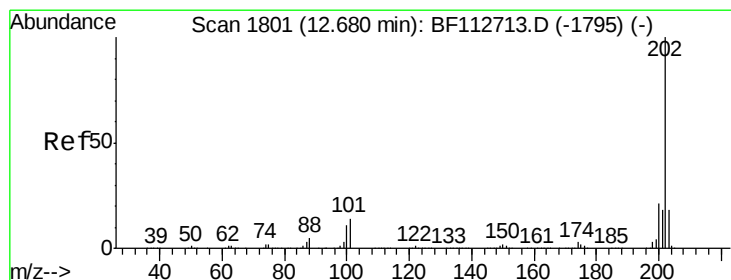
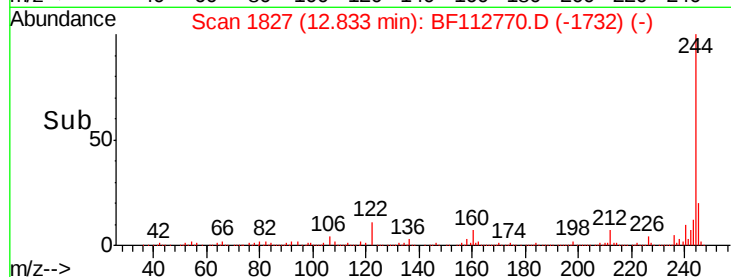
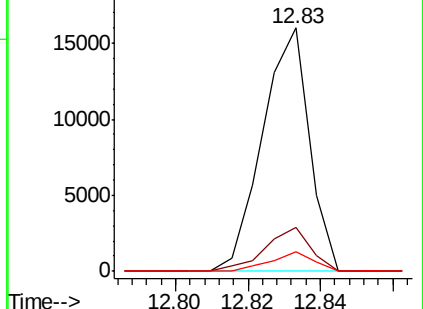
183 7.8 8.6 12.8#



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: 0.016 ng

RT: 12.68 min Scan# 1801

Delta R.T. -0.00 min

Lab File: BF112770.D

Acq: 28 Feb 2019 19:29

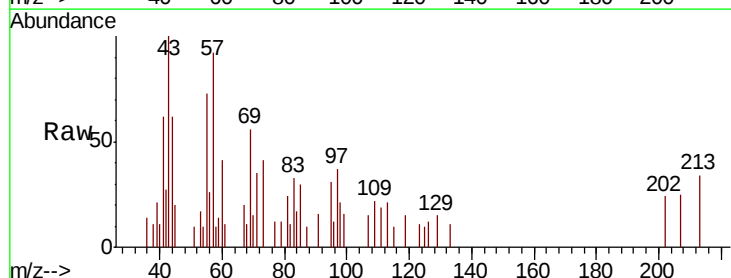
Tgt Ion:202 Resp: 568

Ion Ratio Lower Upper

202 100

200 0.0 17.0 25.4#

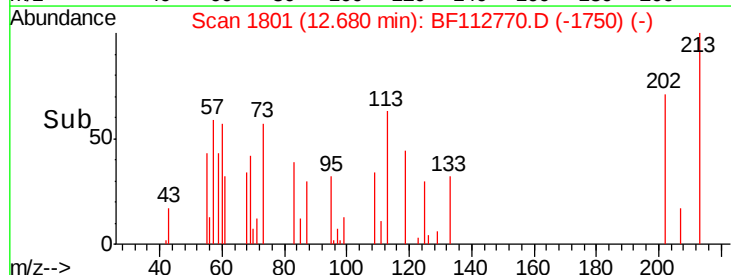
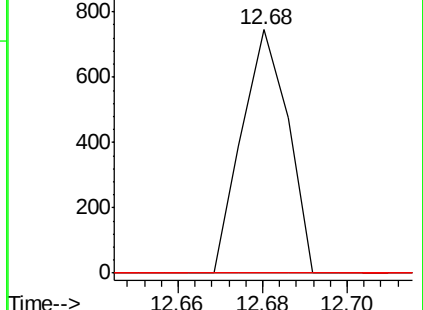
203 0.0 14.4 21.6#

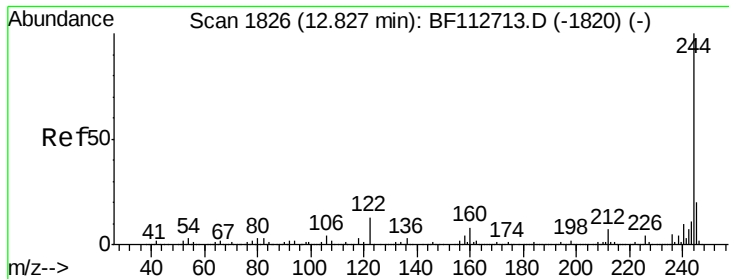


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

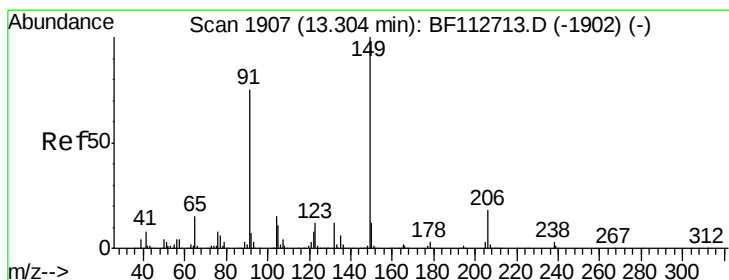
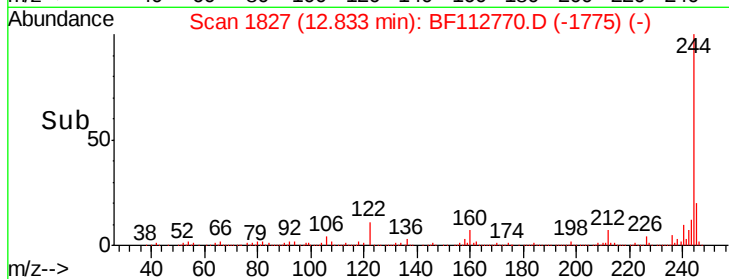
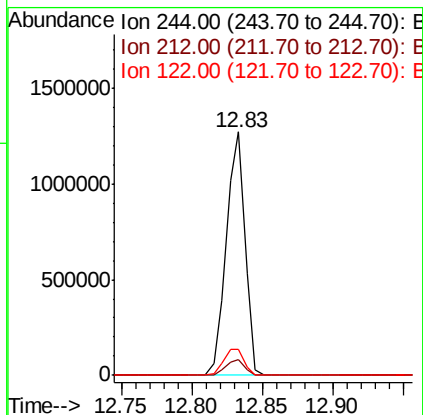
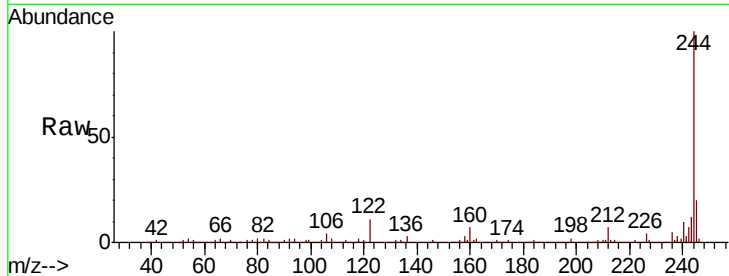




#79
 Terphenyl-d14
 Concen: 54.055 ng
 RT: 12.83 min Scan# 1827
 Delta R.T. 0.01 min
 Lab File: BF112770.D
 Acq: 28 Feb 2019 19:29

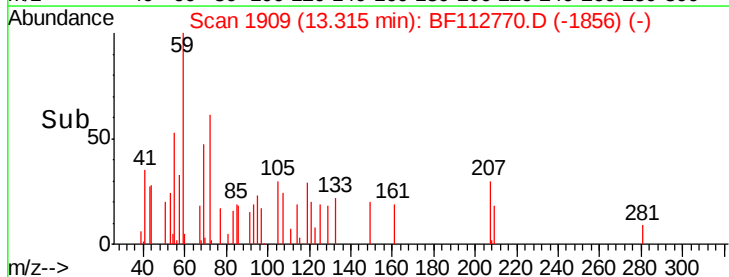
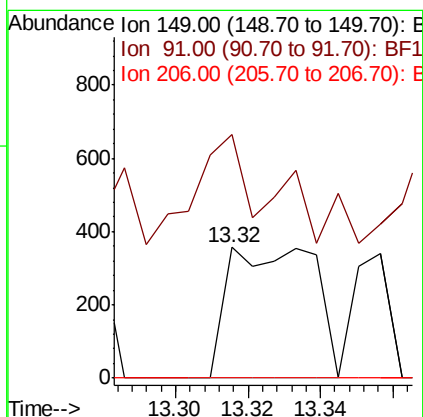
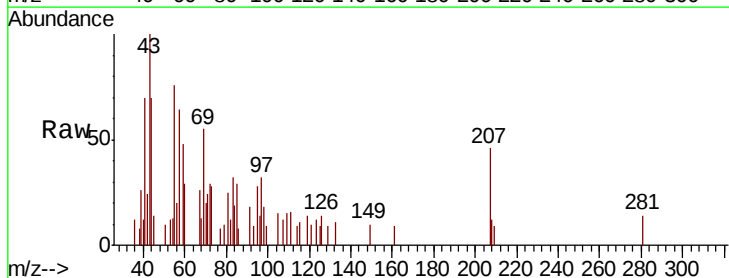
Instrument :
 BNA_F
 ClientSampleId :
 B-5(9-10)

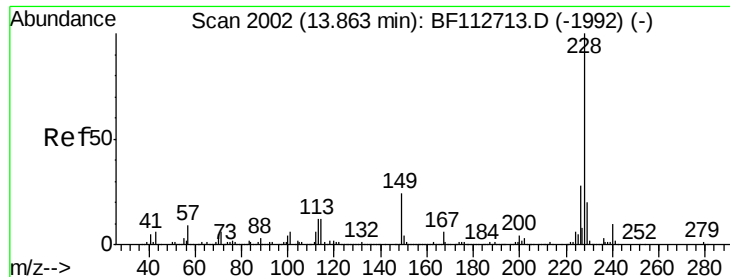
Tgt Ion: 244 Resp: 1170331
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.6 8.4
 122 10.9 10.5 15.7



#80
 Butylbenzylphthalate
 Concen: 0.038 ng
 RT: 13.32 min Scan# 1909
 Delta R.T. 0.01 min
 Lab File: BF112770.D
 Acq: 28 Feb 2019 19:29

Tgt Ion: 149 Resp: 590
 Ion Ratio Lower Upper
 149 100
 91 186.8 59.9 89.9#
 206 0.0 14.7 22.1#





#81

Benzo(a)anthracene

Concen: 0.044 ng

RT: 13.87 min Scan# 2004

Delta R.T. 0.01 min

Lab File: BF112770.D

Acq: 28 Feb 2019 19:29

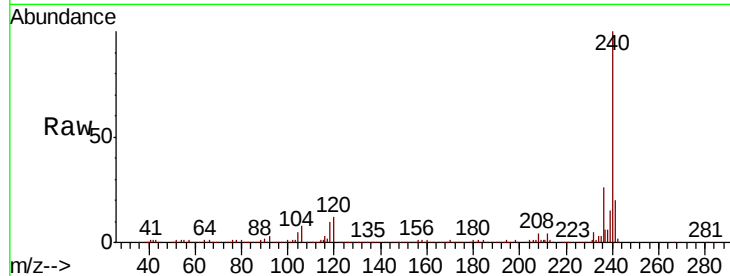
Instrument :

BNA_F

ClientSampleId :

B-5(9-10)

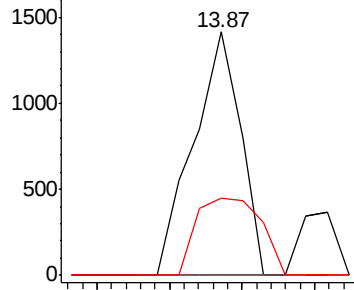
Tgt Ion:	228	Resp:	1276
Ion	Ratio	Lower	Upper
228	100		
226	0.0	22.2	33.4#
229	31.9	16.0	24.0#



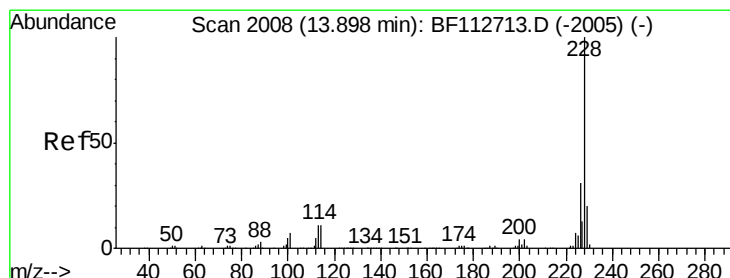
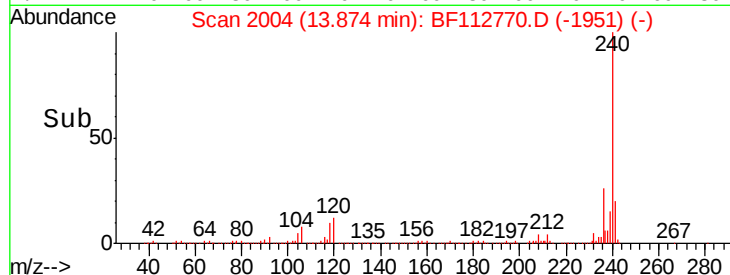
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#83

Chrysene

Concen: 0.009 ng

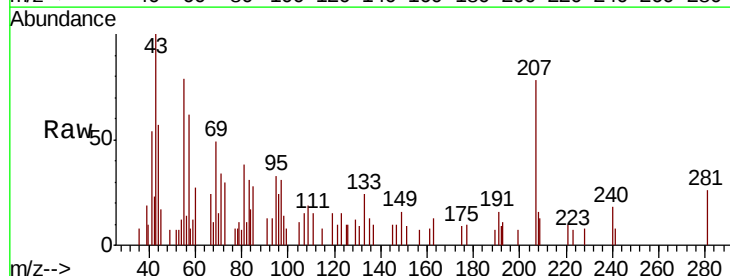
RT: 13.90 min Scan# 2009

Delta R.T. 0.01 min

Lab File: BF112770.D

Acq: 28 Feb 2019 19:29

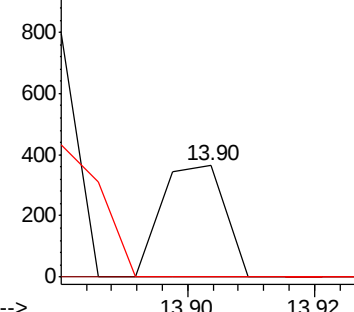
Tgt Ion:	228	Resp:	251
Ion	Ratio	Lower	Upper
228	100		
226	0.0	24.9	37.3#
229	0.0	16.3	24.5#



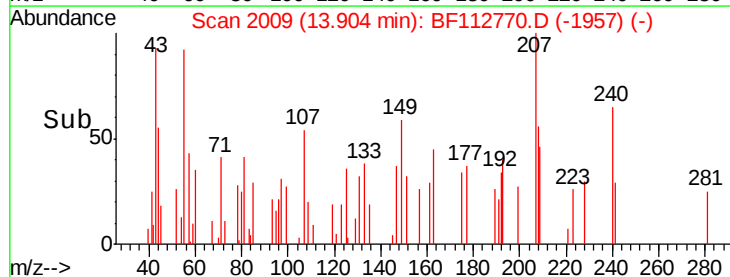
Abundance Ion 228.00 (227.70 to 228.70): E

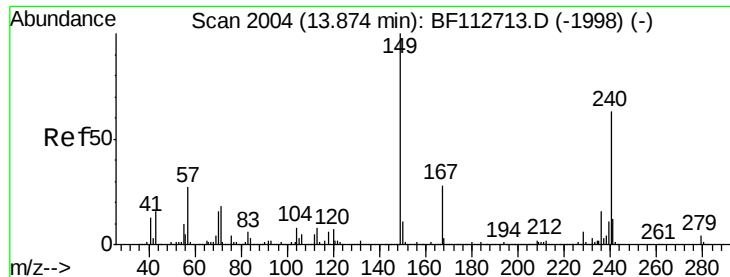
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->





#84

Bis(2-ethylhexyl)phthalate

Concen: 0.095 ng

RT: 13.87 min Scan# 2004

Delta R.T. -0.00 min

Lab File: BF112770.D

Acq: 28 Feb 2019 19:29

Instrument :

BNA_F

ClientSampled :

B-5(9-10)

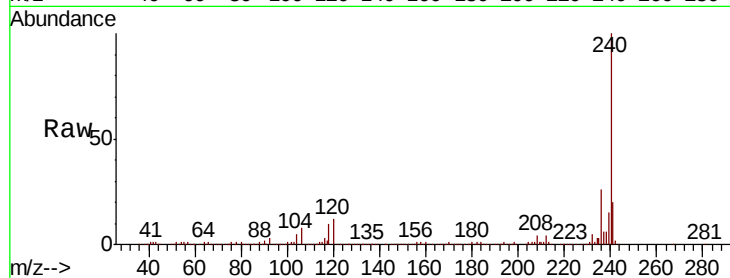
Tgt Ion:149 Resp: 1733

Ion Ratio Lower Upper

149 100

167 46.1 22.4 33.6#

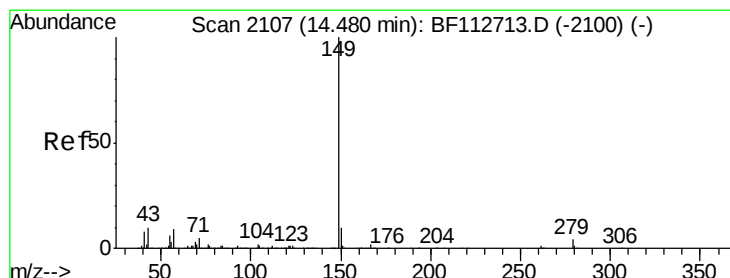
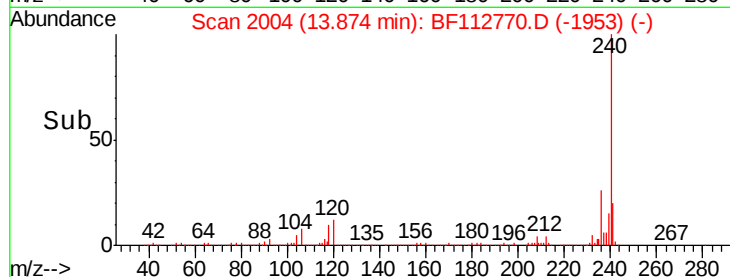
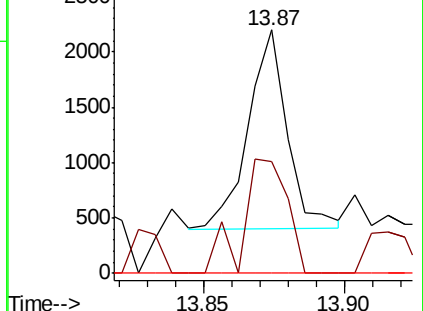
279 0.0 3.3 4.9#



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: 0.010 ng

RT: 14.49 min Scan# 2109

Delta R.T. 0.01 min

Lab File: BF112770.D

Acq: 28 Feb 2019 19:29

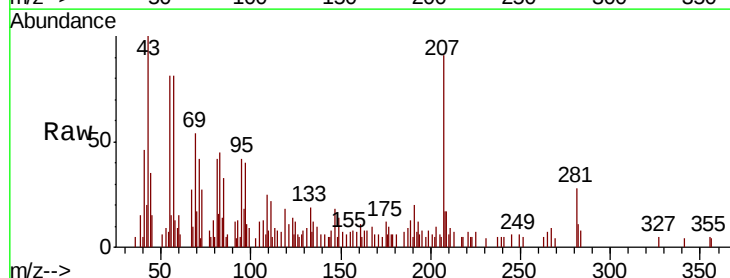
Tgt Ion:149 Resp: 314

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

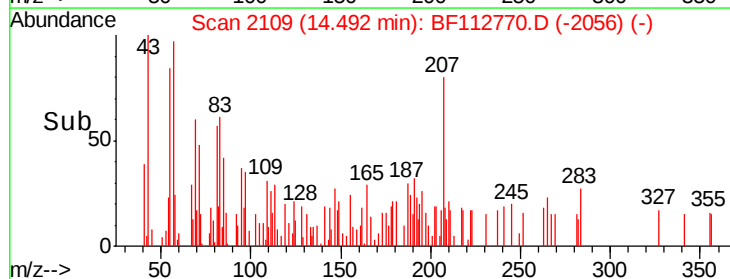
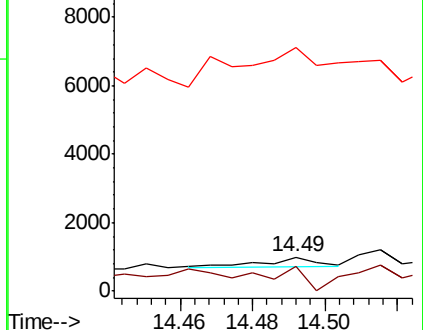
43 799.0 9.0 13.4#

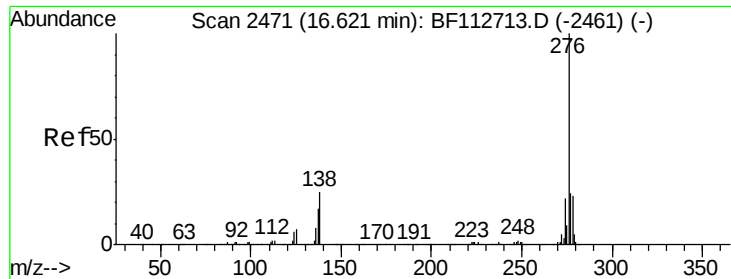


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

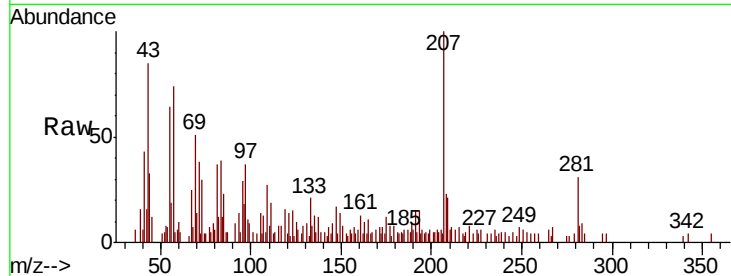




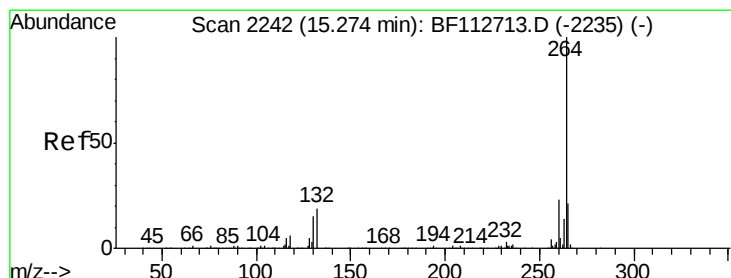
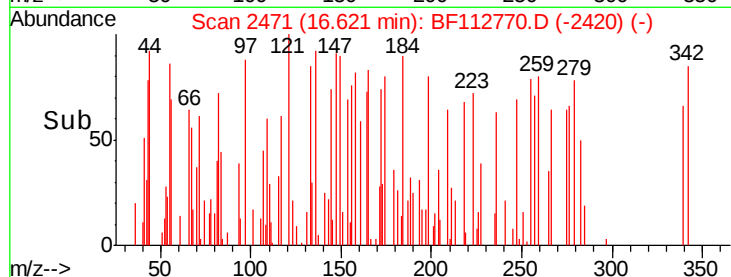
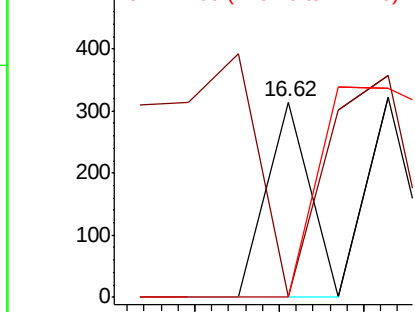
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 0.005 ng
 RT: 16.62 min Scan# 2471
 Delta R.T. -0.00 min
 Lab File: BF112770.D
 Acq: 28 Feb 2019 19:29

Instrument :
 BNA_F
 ClientSampled :
 B-5(9-10)

Tgt Ion:276 Resp: 111
 Ion Ratio Lower Upper
 276 100
 138 209.0 23.2 34.8#
 277 311.7 19.9 29.9#

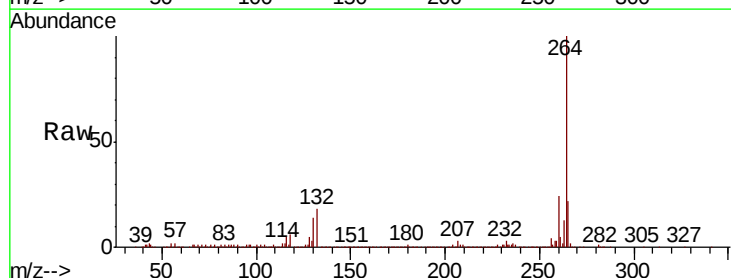


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

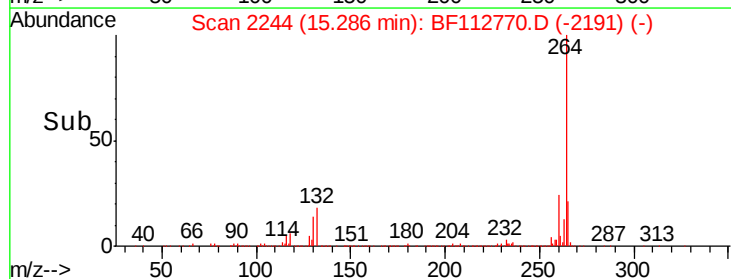
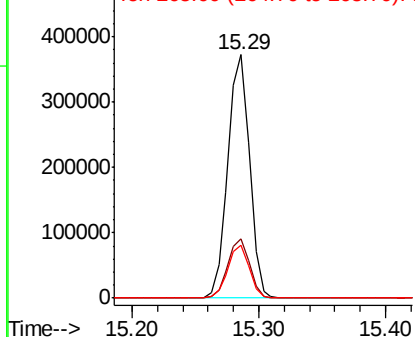


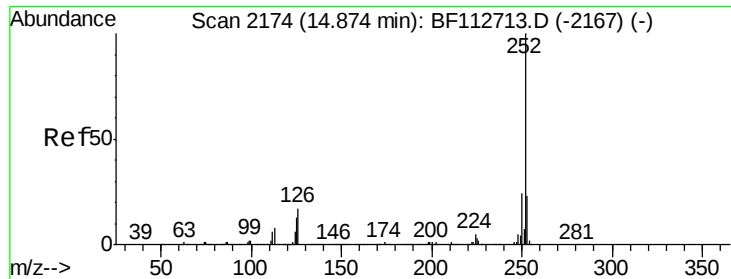
#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.29 min Scan# 2244
 Delta R.T. 0.01 min
 Lab File: BF112770.D
 Acq: 28 Feb 2019 19:29

Tgt Ion:264 Resp: 440714
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.7 28.1
 265 21.6 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: 0.023 ng

RT: 14.89 min Scan# 2176

Delta R.T. 0.01 min

Lab File: BF112770.D

Acq: 28 Feb 2019 19:29

Instrument :

BNA_F

ClientSampleId :

B-5(9-10)

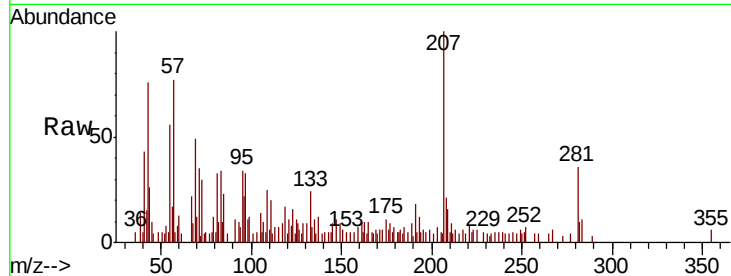
Tgt Ion:252 Resp: 643

Ion Ratio Lower Upper

252 100

253 0.0 18.0 27.0#

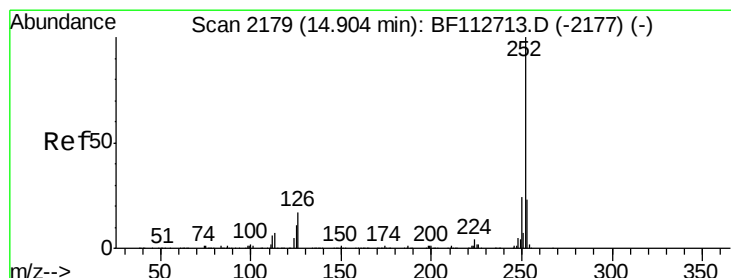
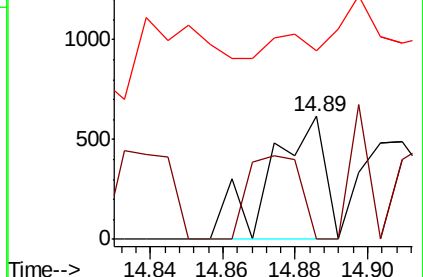
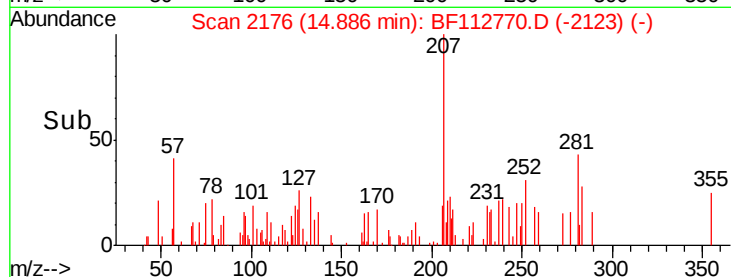
125 153.6 10.2 15.2#



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: 0.023 ng

RT: 14.91 min Scan# 2180

Delta R.T. 0.01 min

Lab File: BF112770.D

Acq: 28 Feb 2019 19:29

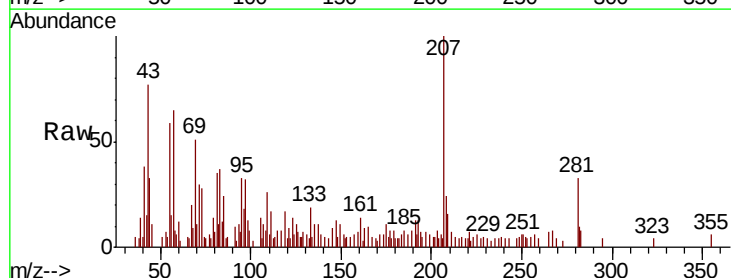
Tgt Ion:252 Resp: 586

Ion Ratio Lower Upper

252 100

253 81.8 18.2 27.2#

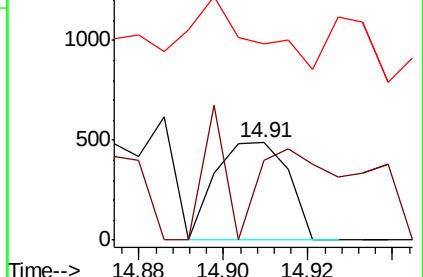
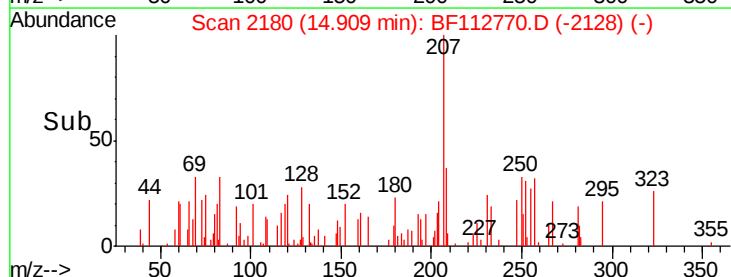
125 201.6 9.8 14.6#

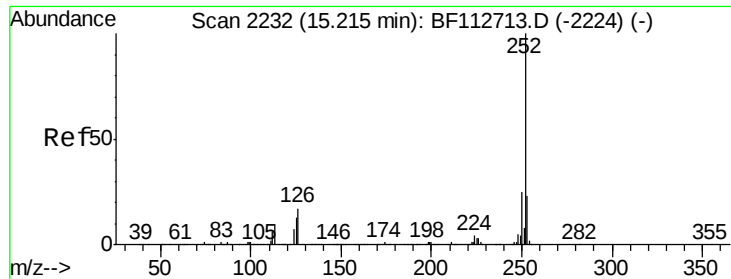


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 0.018 ng

RT: 15.22 min Scan# 2233

Delta R.T. 0.01 min

Lab File: BF112770.D

Acq: 28 Feb 2019 19:29

Instrument :

BNA_F

ClientSampleId :

B-5(9-10)

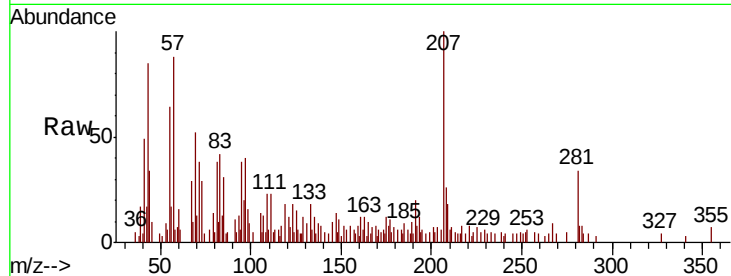
Tgt Ion:252 Resp: 451

Ion Ratio Lower Upper

252 100

253 110.9 18.0 27.0#

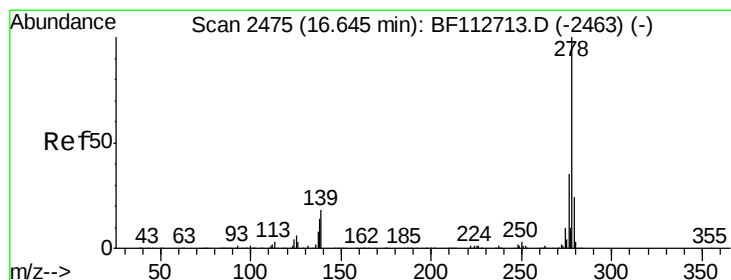
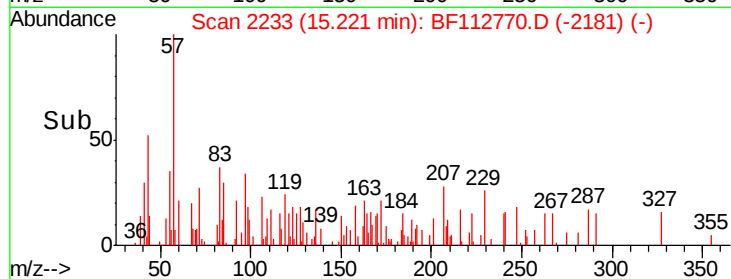
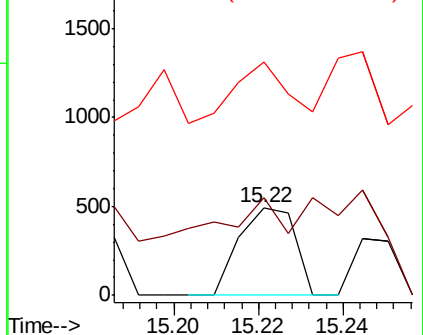
125 266.2 10.7 16.1#



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



#91

Dibenzo(a,h)anthracene

Concen: 0.014 ng

RT: 16.65 min Scan# 2476

Delta R.T. 0.01 min

Lab File: BF112770.D

Acq: 28 Feb 2019 19:29

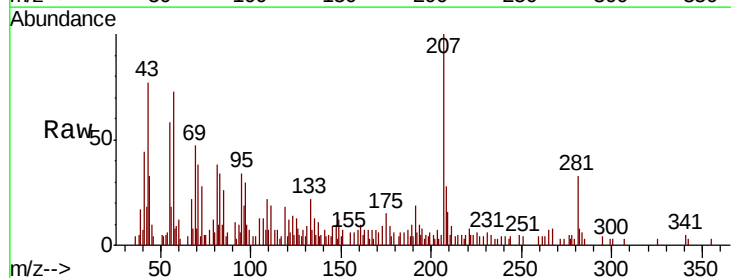
Tgt Ion:278 Resp: 300

Ion Ratio Lower Upper

278 100

139 112.9 14.3 21.5#

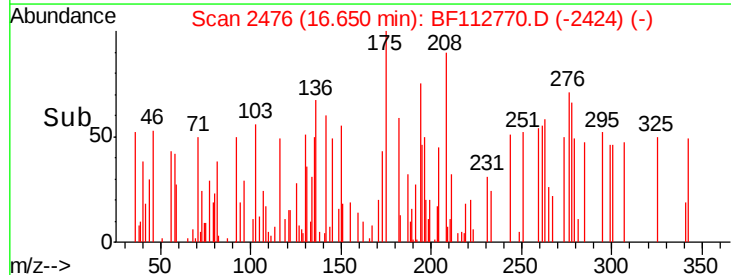
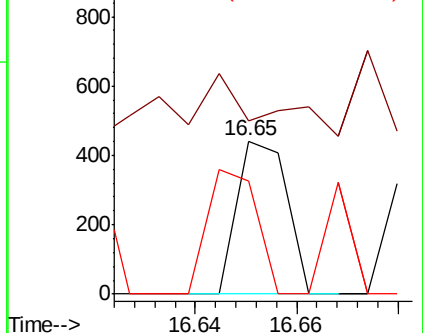
279 74.0 19.4 29.0#

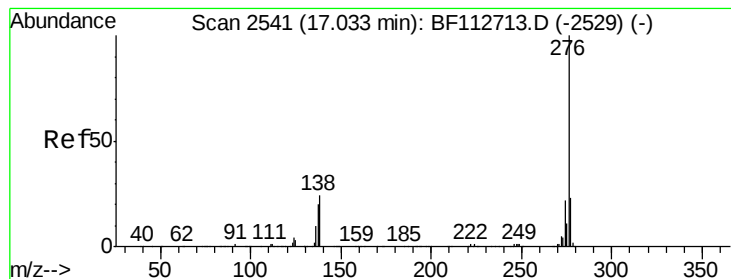


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92

Benzo(g,h,i)perylene

Concen: 0.012 ng

RT: 17.04 min Scan# 2543

Delta R.T. 0.01 min

Lab File: BF112770.D

Acq: 28 Feb 2019 19:29

Instrument :

BNA_F

ClientSampleId :

B-5(9-10)

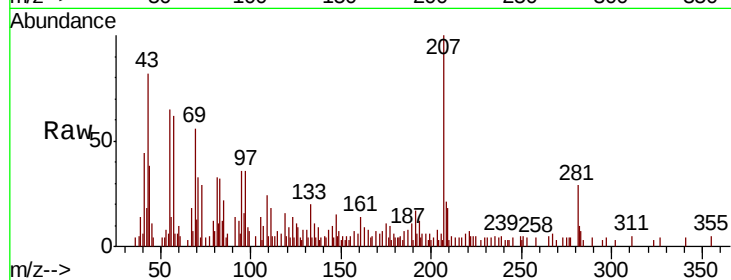
Tgt Ion: 276 Resp: 270

Ion Ratio Lower Upper

276 100

277 96.3 18.6 27.8#

138 78.5 19.4 29.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

