

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF022819\
 Data File : BF112769.D
 Acq On : 28 Feb 2019 19:02
 Operator : JU/SJ
 Sample : K1650-07
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-3(9-10)

Quant Time: Mar 01 04:50:23 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	209524	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	787306	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	359915	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	655164	20.00	ng	0.00
76) Chrysene-d12	13.87	240	462791	20.00	ng	0.00
87) Perylene-d12	15.29	264	477888	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	1557300	115.62	ng	0.02
7) Phenol-d6	6.38	99	1999424	118.17	ng	0.01
23) Nitrobenzene-d5	7.30	82	1228400	93.36	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	501366	131.22	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	2041430	99.60	ng	0.00
79) Terphenyl-d14	12.83	244	1798131	75.32	ng	0.00

Target Compounds

						Qvalue
4) n-Nitrosodimethylamine	3.05	42	116	0.015	ng	# 1
6) Aniline	6.39	93	867	0.037	ng	# 1
8) 2-Chlorophenol	6.53	128	560	0.037	ng	# 1
9) Benzaldehyde	6.38	77	3179	0.261	ng	# 1
10) Phenol	6.39	94	41612	2.108	ng	91
11) bis(2-Chloroethyl)ether	6.52	93	1971	0.130	ng	# 1
15) Benzyl Alcohol	6.90	79	21436	1.661	ng	# 53
16) 2,2'-oxybis(1-Chloropropan	7.03	45	432	0.017	ng	71
17) 2-Methylphenol	6.90	107	122	0.010	ng	# 1
19) n-Nitroso-di-n-propylamine	7.30	70	165298	15.425	ng	# 77
20) 3+4-Methylphenols	6.90	107	122	0.009	ng	# 1
22) Acetophenone	7.15	105	693	0.038	ng	# 50
24) Nitrobenzene	7.30	77	3559	0.243	ng	# 37
25) Isophorone	7.30	82	1217120	42.939	ng	# 66
27) 2,4-Dimethylphenol	7.72	122	427	0.038	ng	# 4
31) Naphthalene	8.05	128	475	0.012	ng	# 68
32) Benzoic acid	7.72	122	427	0.054	ng	# 75
36) 4-Chloro-3-methylphenol	8.45	107	107	0.009	ng	# 20
38) 1-Methylnaphthalene	9.10	142	882	0.036	ng	# 45
46) 1,1'-Biphenyl	9.20	154	4245	0.145	ng	91
47) 2-Chloronaphthalene	9.49	162	1203	0.052	ng	# 1
48) 2-Nitroaniline	9.23	65	221	0.032	ng	# 4
49) Acenaphthylene	9.83	152	119	0.003	ng	# 59
50) Dimethylphthalate	9.49	163	169210	6.376	ng	97
51) 2,6-Dinitrotoluene	9.49	165	1843	0.333	ng	# 26
52) Acenaphthene	9.80	154	107	0.005	ng	# 5
57) 2,4-Dinitrotoluene	9.77	165	46023	6.700	ng	# 18
58) Fluorene	10.56	166	19794	0.843	ng	# 85
60) Diethylphthalate	10.19	149	1726	0.062	ng	# 89
63) Azobenzene	10.48	77	747	0.026	ng	# 1
65) 4,6-Dinitro-2-methylphenol	10.56	198	767	4.870	ng	# 1
66) n-Nitrosodiphenylamine	10.56	169	13610	0.648	ng	# 44
67) 4-Bromophenyl-phenylether	10.56	248	28675	4.155	ng	# 1
71) Phenanthrene	11.27	178	963	0.030	ng	# 59

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF022819\
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 Sample : K1650-07
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

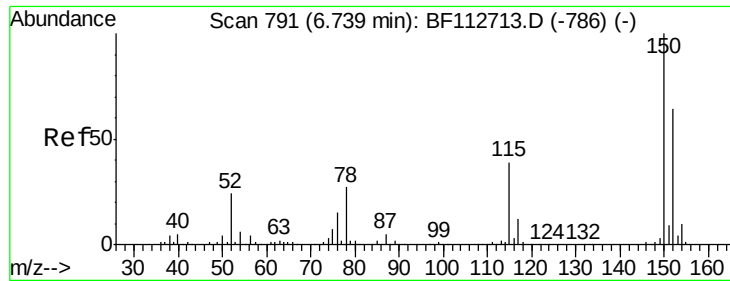
Instrument :
 BNA_F
 ClientSampleId :
 B-3(9-10)

Quant Time: Mar 01 04:50:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

72) Anthracene	11.27	178	963	0.028	ng	# 59
73) Carbazole	11.46	167	889	0.027	ng	# 1
74) Di-n-butylphthalate	11.82	149	10579	0.265	ng	99
75) Fluoranthene	12.46	202	450	0.013	ng	62
77) Benzidine	12.71	184	752	0.031	ng	# 1
78) Pyrene	12.68	202	289	0.007	ng	# 57
80) Butylbenzylphthalate	13.30	149	961	0.056	ng	# 22
81) Benzo(a)anthracene	13.87	228	1271	0.040	ng	# 55
83) Chrysene	13.87	228	1271	0.040	ng	# 53
84) Bis(2-ethylhexyl)phthalate	13.87	149	3099	0.153	ng	# 79
85) Di-n-octyl phthalate	14.49	149	192	0.006	ng	# 1
86) Indeno(1,2,3-cd)pyrene	16.64	276	216	0.008	ng	# 1
88) Benzo(b)fluoranthene	14.87	252	213	0.007	ng	# 1
89) Benzo(k)fluoranthene	14.90	252	491	0.018	ng	# 1
90) Benzo(a)pyrene	15.23	252	216	0.008	ng	# 1
91) Dibenzo(a,h)anthracene	16.62	278	110	0.005	ng	# 1
92) Benzo(g,h,i)perylene	17.06	276	240	0.010	ng	# 52

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

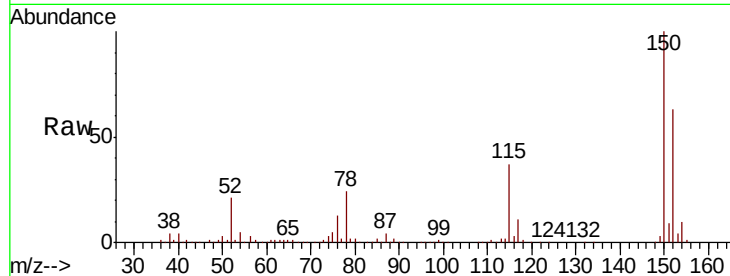


#1

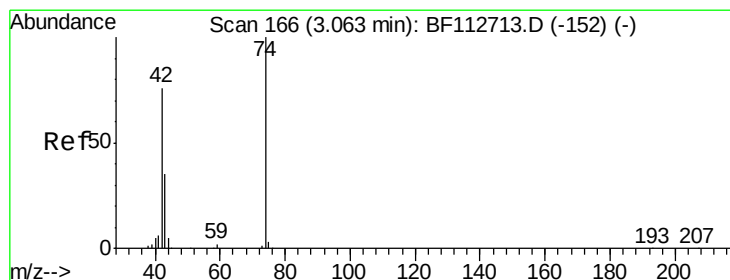
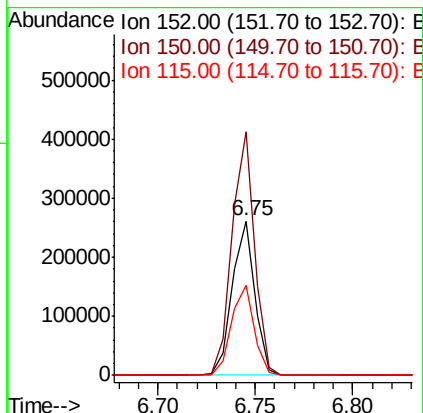
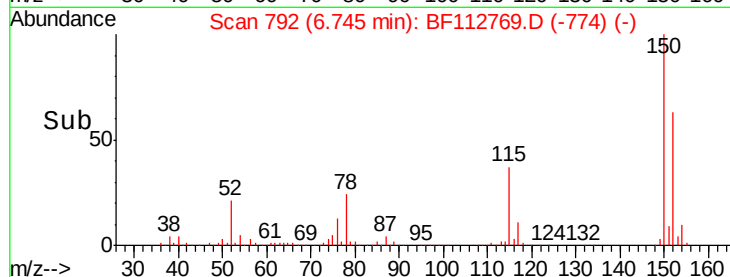
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. 0.01 min
Lab File: BF112769.D
Acq: 28 Feb 2019 19:02

Instrument :
BNA_F
ClientSampled :
B-3(9-10)

Tgt Ion:152 Resp: 209524
Ion Ratio Lower Upper
152 100
150 157.8 124.2 186.2
115 58.1 48.2 72.4



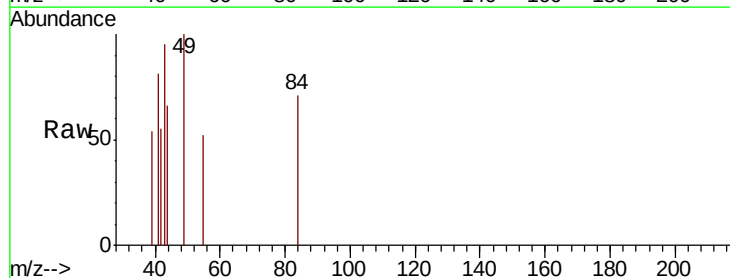
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



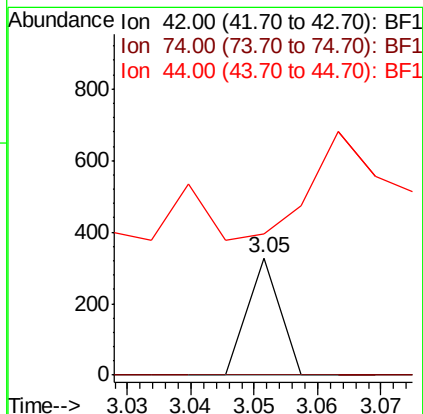
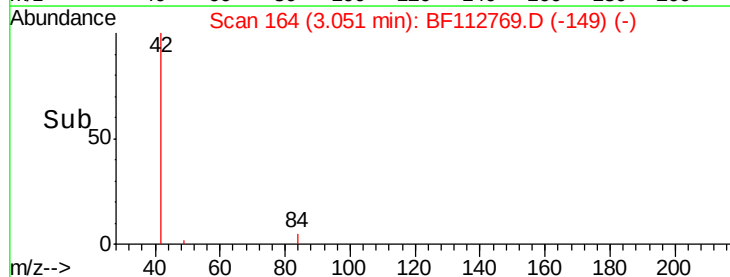
#4

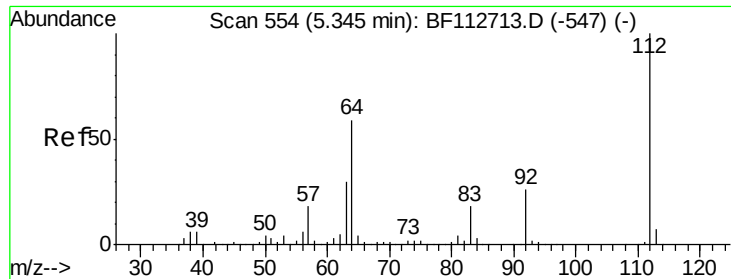
n-Nitrosodimethylamine
Concen: 0.015 ng
RT: 3.05 min Scan# 164
Delta R.T. -0.01 min
Lab File: BF112769.D
Acq: 28 Feb 2019 19:02

Tgt Ion: 42 Resp: 116
Ion Ratio Lower Upper
42 100
74 0.0 105.8 158.8#
44 120.4 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: 115.617 ng

RT: 5.36 min Scan# 557

Delta R.T. 0.02 min

Lab File: BF112769.D

Acq: 28 Feb 2019 19:02

Instrument :

BNA_F

ClientSampleId :

B-3(9-10)

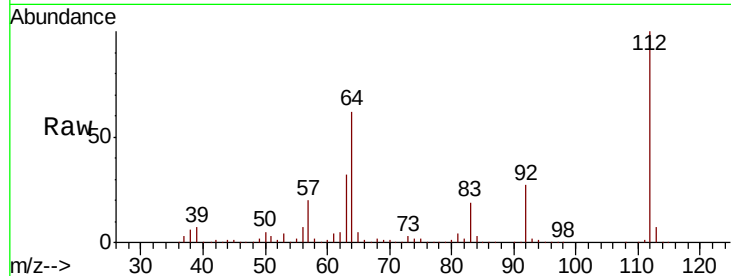
Tgt Ion: 112 Resp: 1557300

Ion Ratio Lower Upper

112 100

64 62.3 47.6 71.4

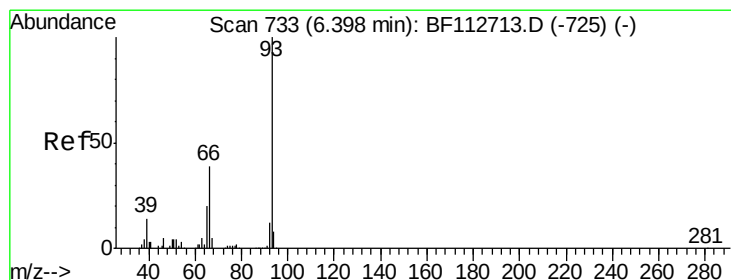
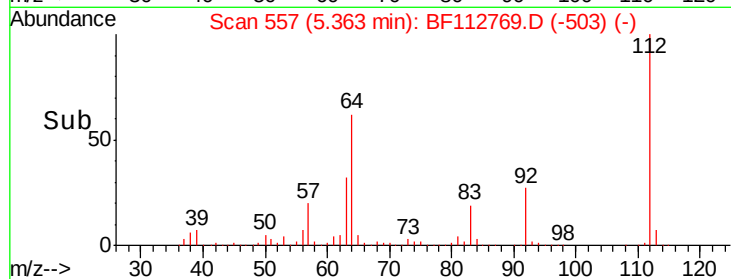
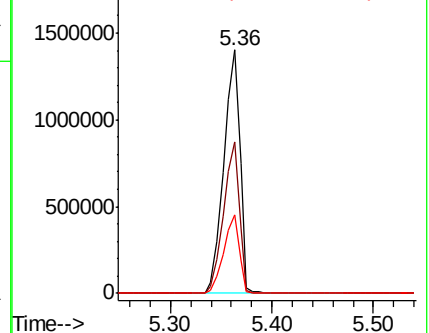
63 32.1 24.4 36.6



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: 0.037 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF112769.D

Acq: 28 Feb 2019 19:02

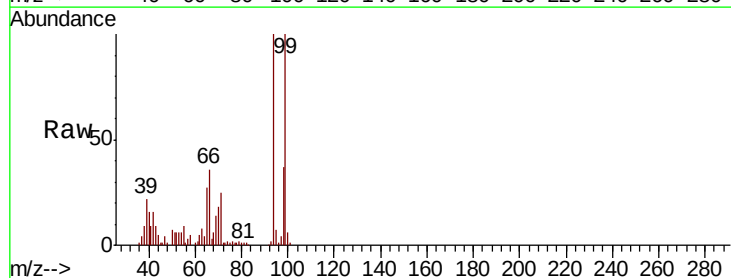
Tgt Ion: 93 Resp: 867

Ion Ratio Lower Upper

93 100

66 1956.0 32.2 48.2#

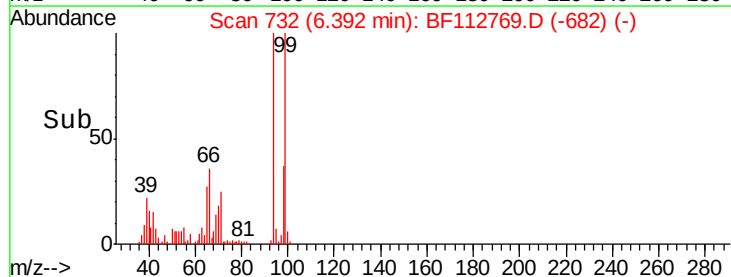
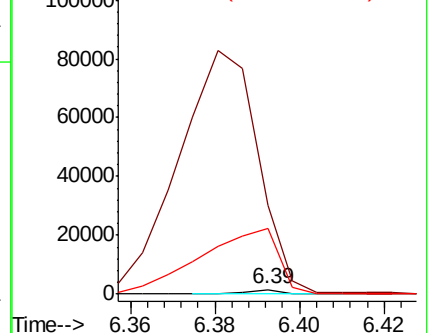
65 1446.3 16.2 24.4#

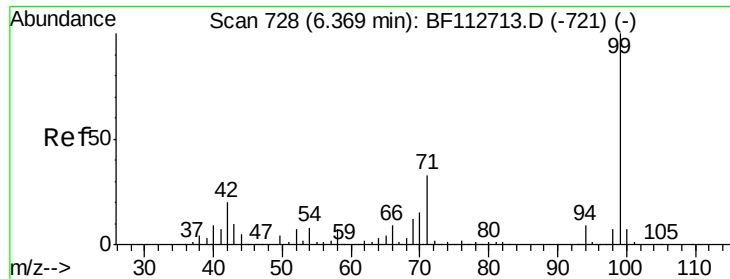


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 118.170 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF112769.D

Acq: 28 Feb 2019 19:02

Instrument :

BNA_F

ClientSampleId :

B-3(9-10)

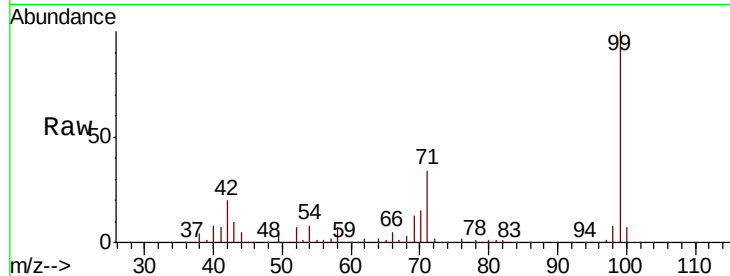
Tgt Ion: 99 Resp: 1999424

Ion Ratio Lower Upper

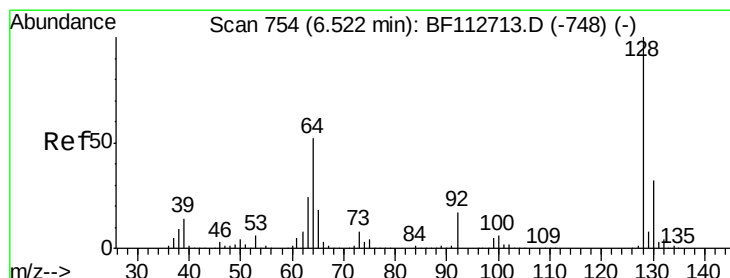
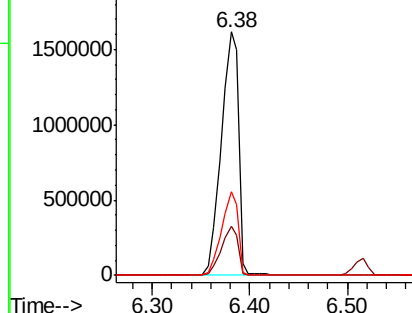
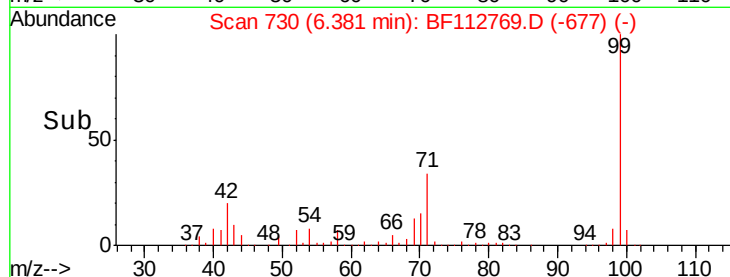
99 100

42 20.3 16.3 24.5

71 34.2 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: 0.037 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF112769.D

Acq: 28 Feb 2019 19:02

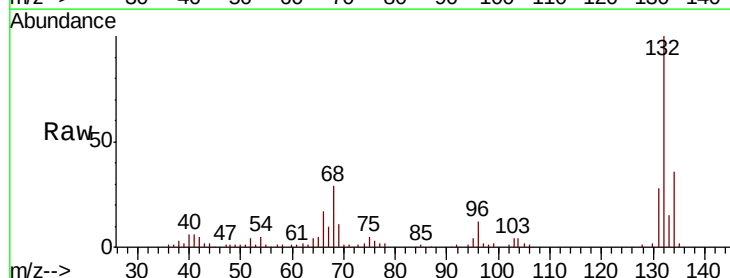
Tgt Ion:128 Resp: 560

Ion Ratio Lower Upper

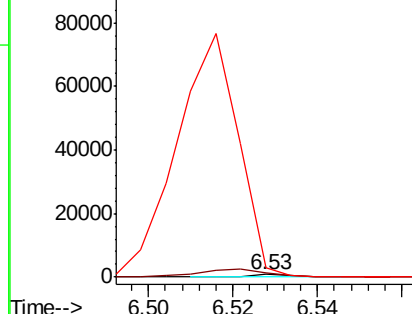
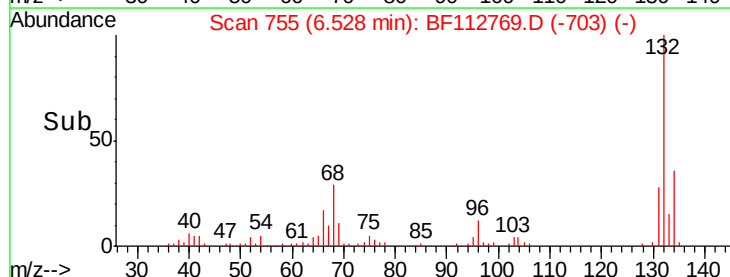
128 100

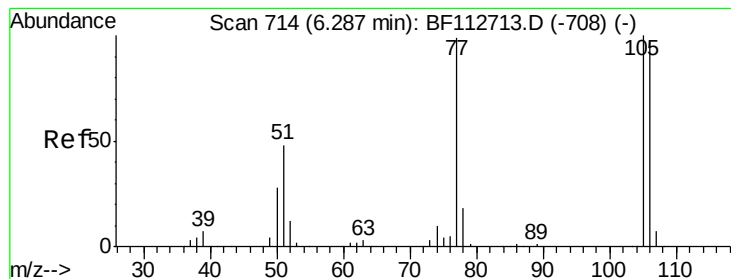
130 156.8 12.4 52.4#

64 401.2 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: 0.261 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.09 min

Lab File: BF112769.D

Acq: 28 Feb 2019 19:02

Instrument :

BNA_F

ClientSampleId :

B-3(9-10)

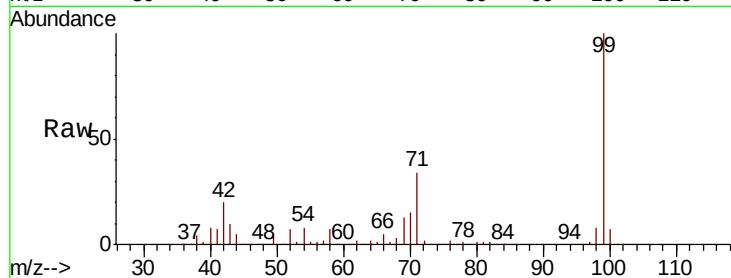
Tgt Ion: 77 Resp: 3179

Ion Ratio Lower Upper

77 100

105 0.0 81.4 121.4#

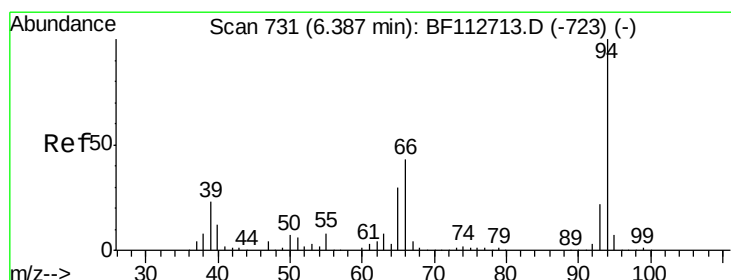
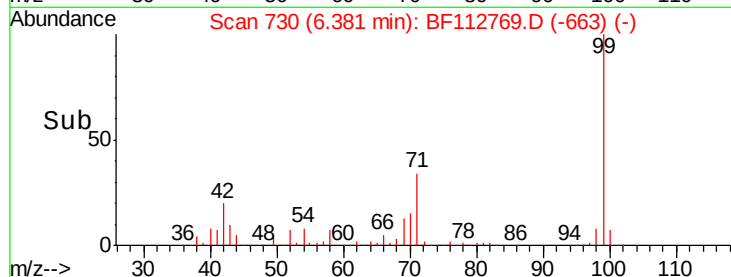
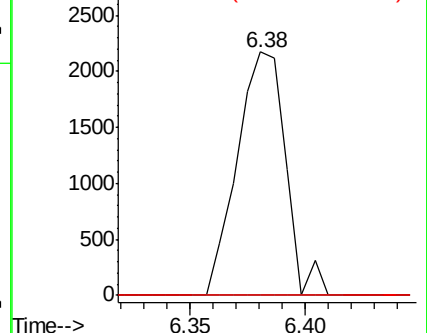
106 0.0 78.3 118.3#



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: 2.108 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF112769.D

Acq: 28 Feb 2019 19:02

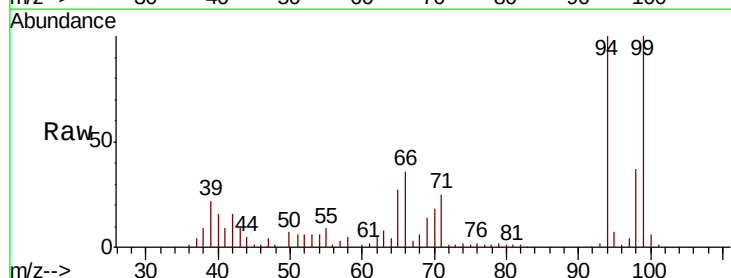
Tgt Ion: 94 Resp: 41612

Ion Ratio Lower Upper

94 100

65 26.8 10.5 50.5

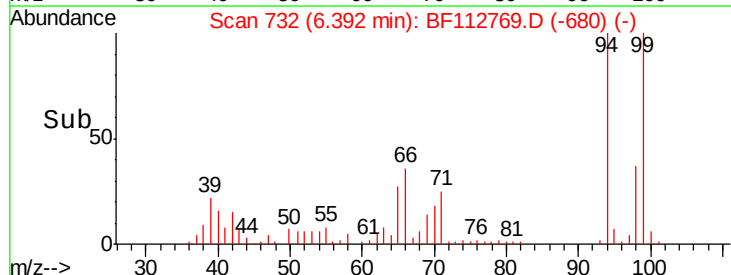
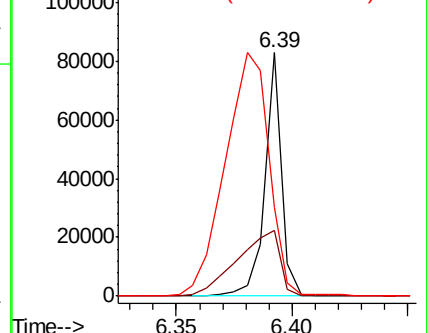
66 36.2 22.6 62.6

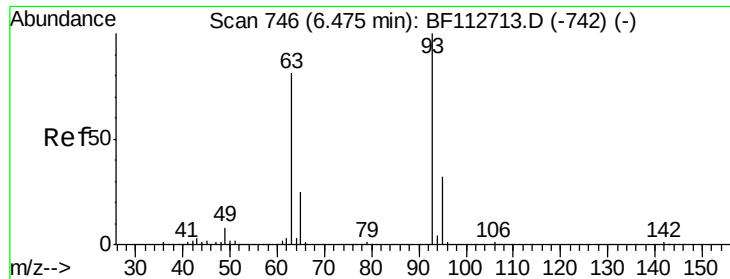


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

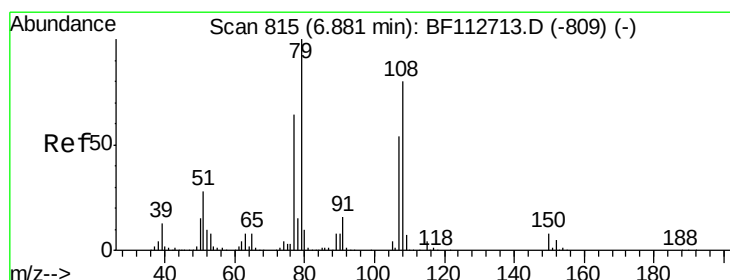
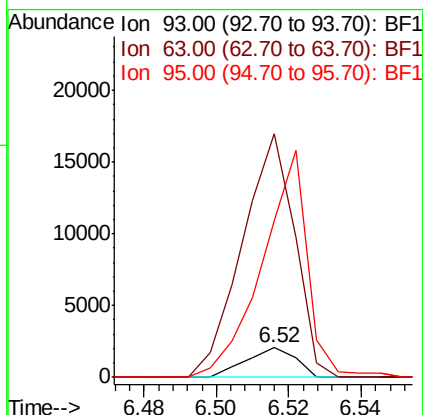
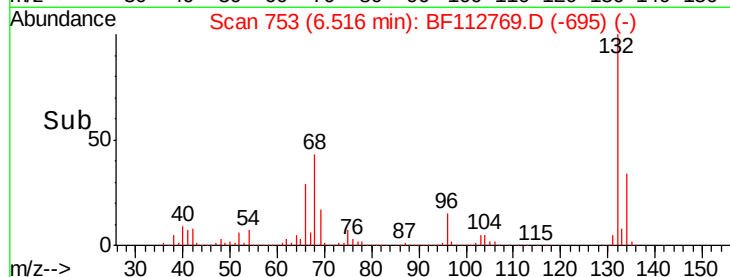
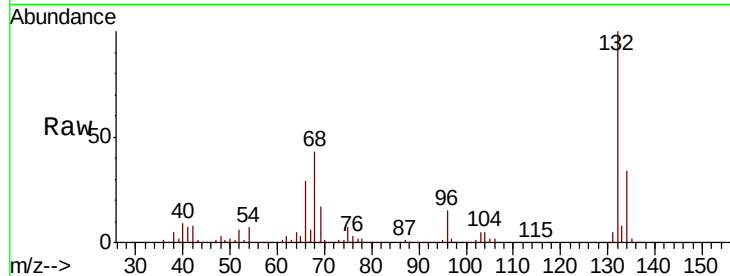




#11
bis(2-Chloroethyl)ether
Concen: 0.130 ng
RT: 6.52 min Scan# 753
Delta R.T. 0.04 min
Lab File: BF112769.D
Acq: 28 Feb 2019 19:02

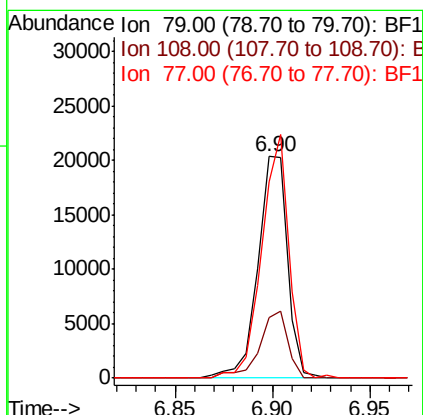
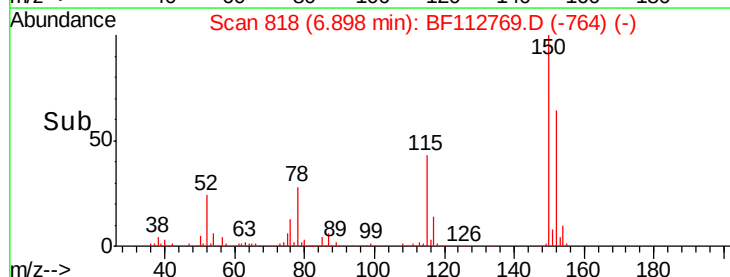
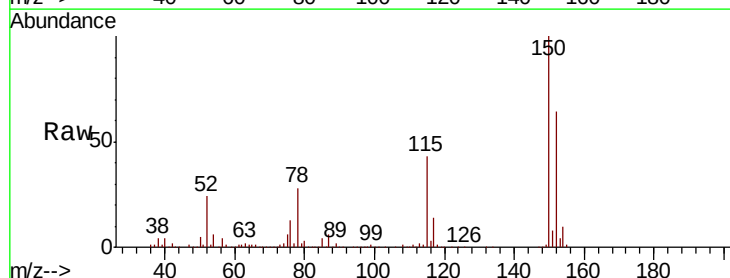
Instrument :
BNA_F
ClientSampleId :
B-3(9-10)

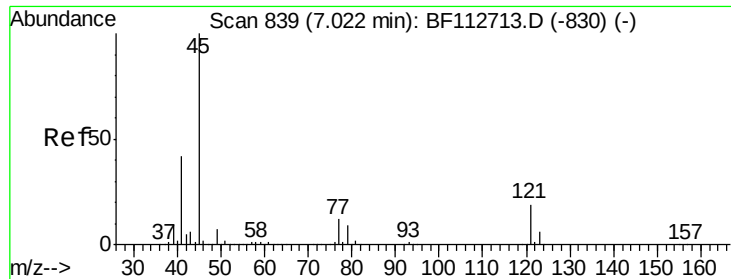
Tgt Ion: 93 Resp: 1971
Ion Ratio Lower Upper
93 100
63 819.7 60.5 100.5#
95 525.5 12.1 52.1#



#15
Benzyl Alcohol
Concen: 1.661 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.02 min
Lab File: BF112769.D
Acq: 28 Feb 2019 19:02

Tgt Ion: 79 Resp: 21436
Ion Ratio Lower Upper
79 100
108 27.4 64.2 96.4#
77 88.6 51.1 76.7#

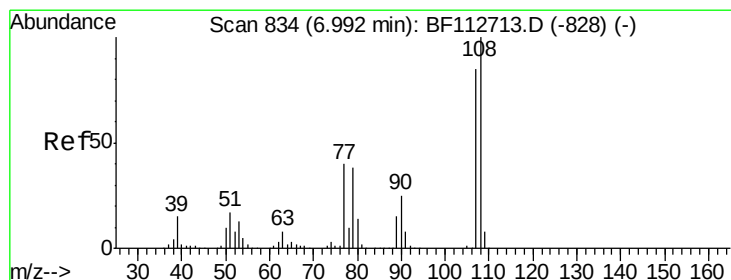
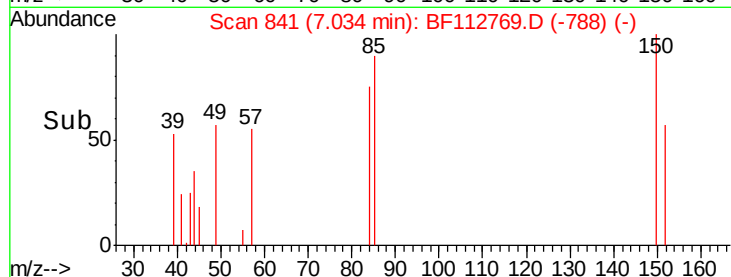
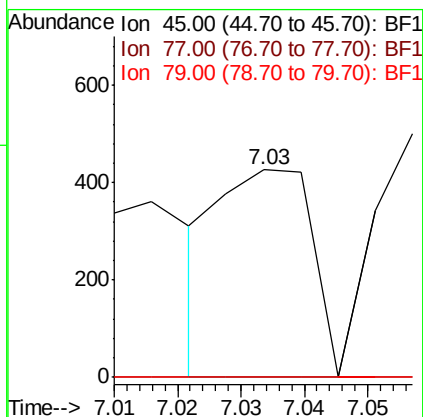
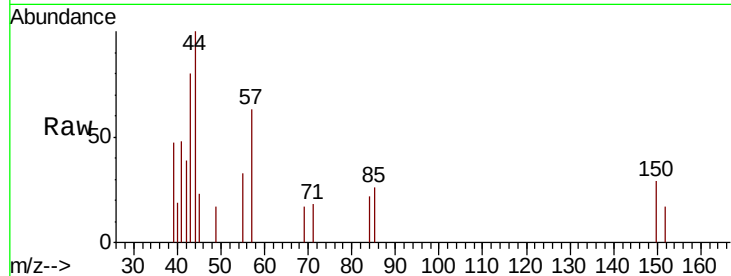




#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.017 ng
RT: 7.03 min Scan# 841
Delta R.T. 0.01 min
Lab File: BF112769.D
Acq: 28 Feb 2019 19:02

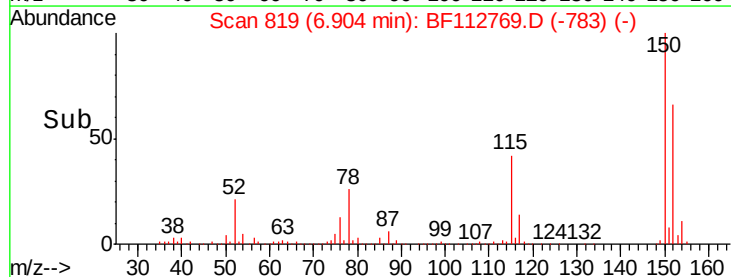
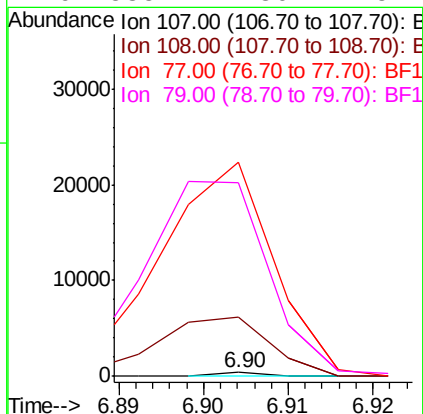
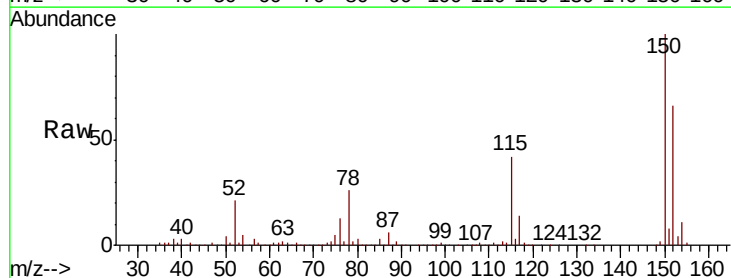
Instrument :
BNA_F
ClientSampleId :
B-3(9-10)

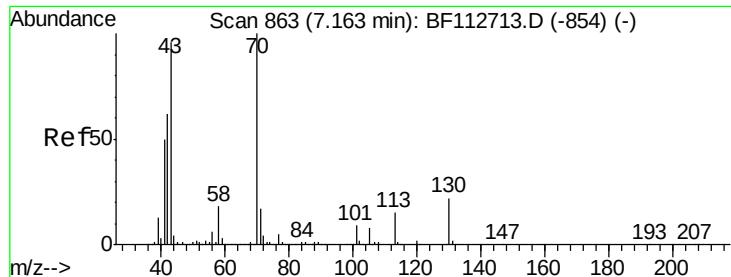
Tgt Ion: 45 Resp: 432
Ion Ratio Lower Upper
45 100
77 0.0 0.0 32.1
79 0.0 0.0 29.4



#17
2-Methylphenol
Concen: 0.010 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.09 min
Lab File: BF112769.D
Acq: 28 Feb 2019 19:02

Tgt Ion: 107 Resp: 122
Ion Ratio Lower Upper
107 100
108 1786.7 94.6 142.0#
77 6478.8 37.8 56.8#
79 5857.4 36.2 54.2#

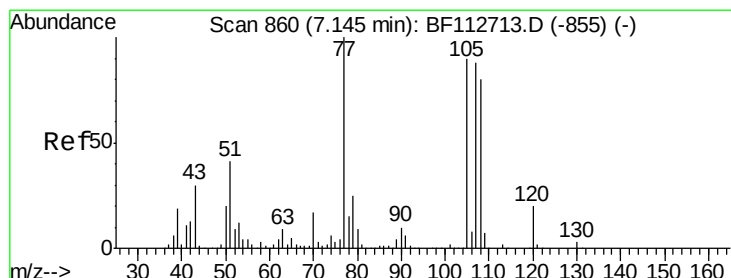
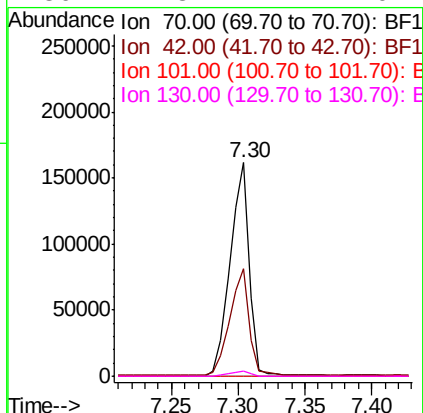
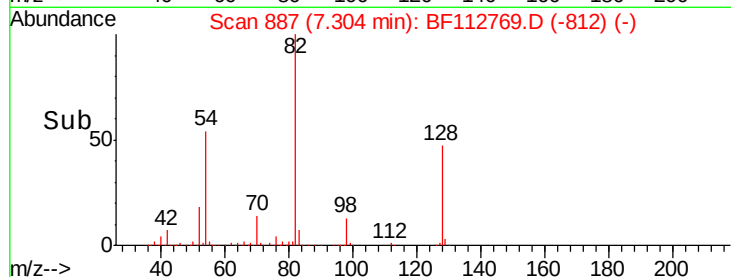
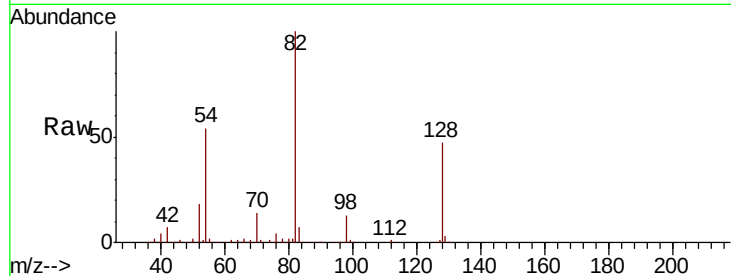




#19
n-Nitroso-di-n-propylamine
Concen: 15.425 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.14 min
Lab File: BF112769.D
Acq: 28 Feb 2019 19:02

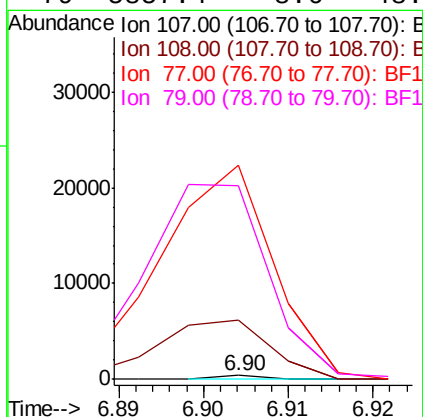
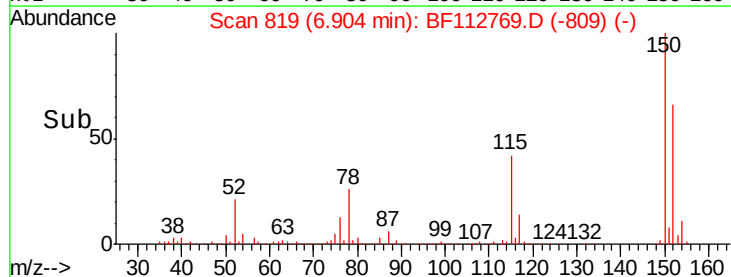
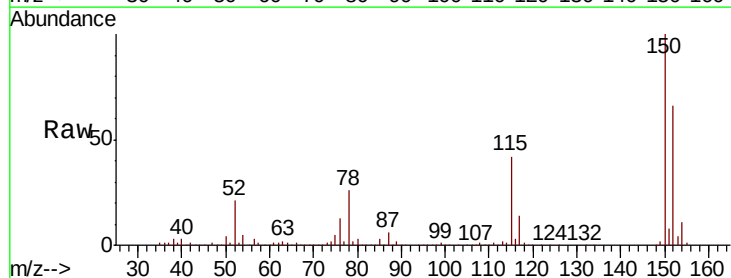
Instrument :
BNA_F
ClientSampled :
B-3(9-10)

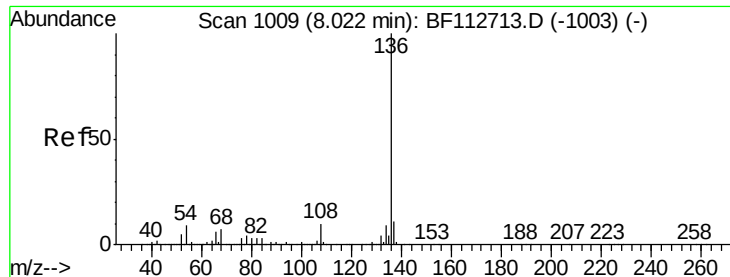
Tgt Ion: 70 Resp: 165298
Ion Ratio Lower Upper
70 100
42 50.2 49.9 74.9
101 0.0 7.4 11.2#
130 2.3 17.4 26.2#



#20
3+4-Methylphenols
Concen: 0.009 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.24 min
Lab File: BF112769.D
Acq: 28 Feb 2019 19:02

Tgt Ion: 107 Resp: 122
Ion Ratio Lower Upper
107 100
108 1786.7 71.4 111.4#
77 6478.8 94.1 134.1#
79 5857.4 8.6 48.6#

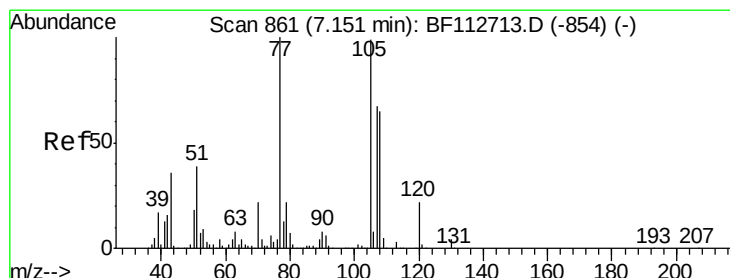
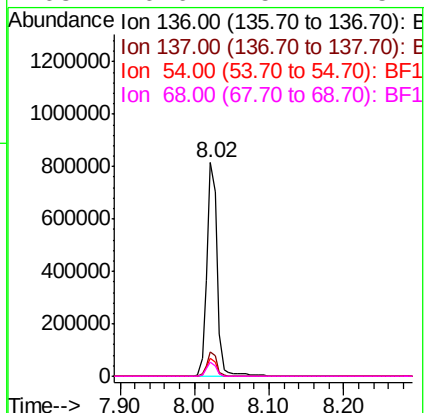
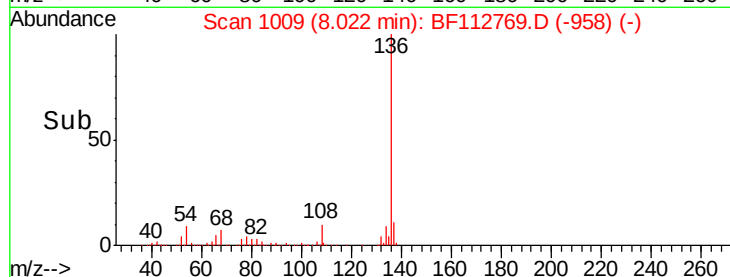
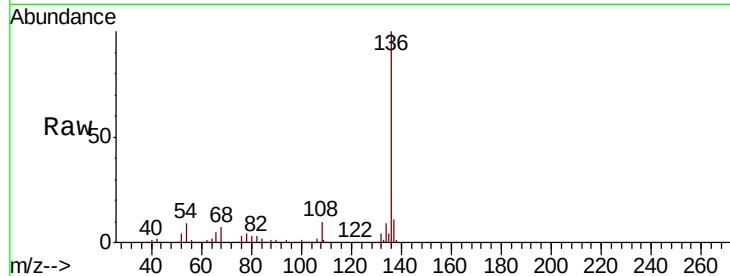




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BF112769.D
Acq: 28 Feb 2019 19:02

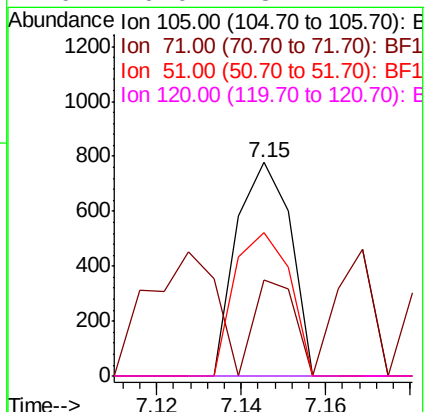
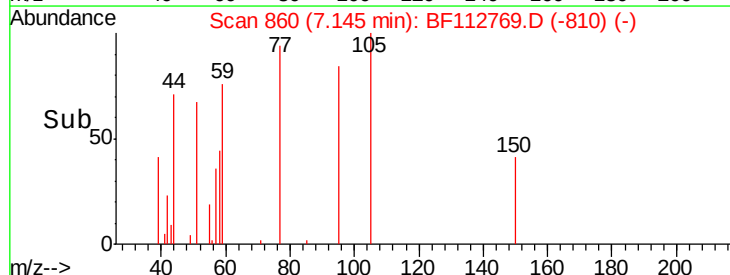
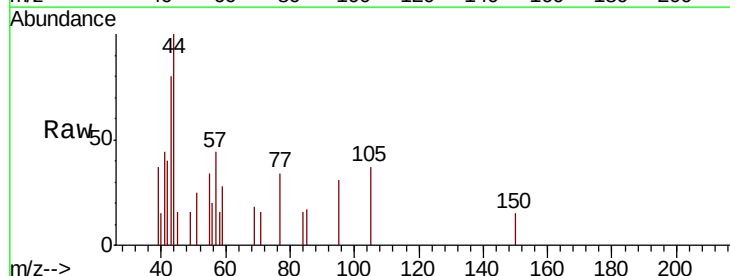
Instrument :
BNA_F
ClientSampleId :
B-3(9-10)

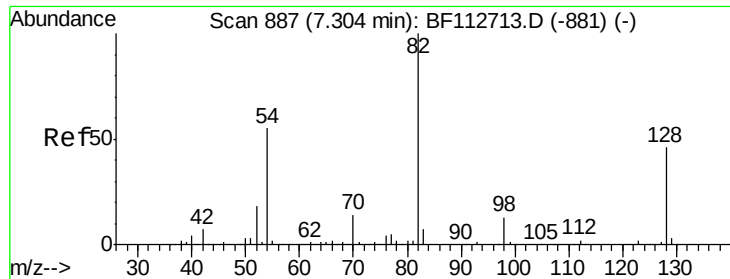
Tgt Ion:	136	Resp:	787306
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	8.5	7.3	10.9
68	6.6	5.4	8.2



#22
Acetophenone
Concen: 0.038 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF112769.D
Acq: 28 Feb 2019 19:02

Tgt Ion:	105	Resp:	693
Ion	Ratio	Lower	Upper
105	100		
71	44.9	3.0	4.4#
51	67.0	31.5	47.3#
120	0.0	18.1	27.1#

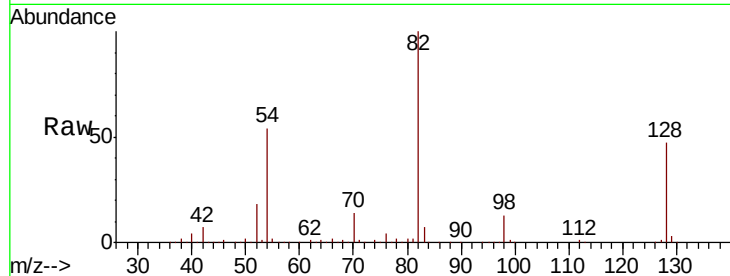




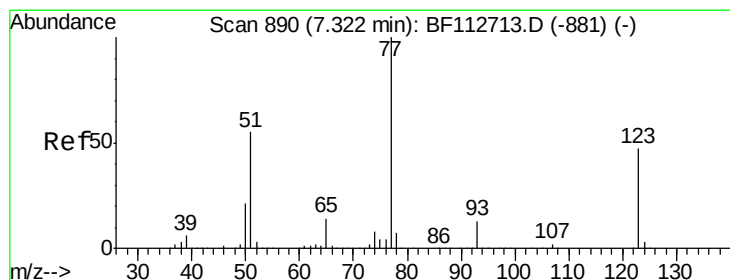
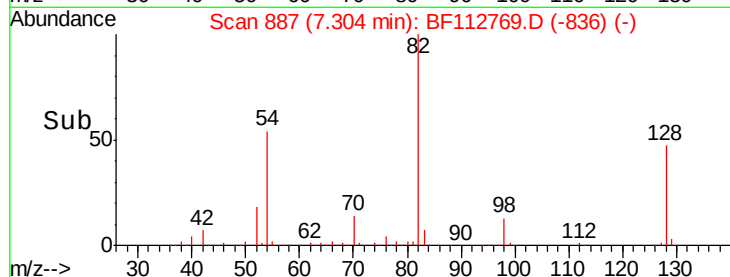
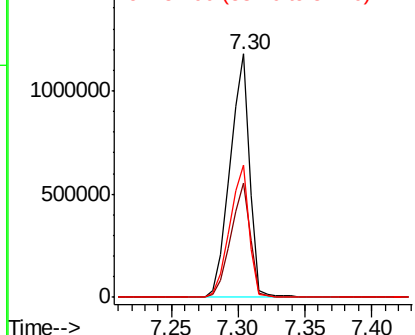
#23
 Nitrobenzene-d5
 Concen: 93.363 ng
 RT: 7.30 min Scan# 887
 Delta R.T. -0.00 min
 Lab File: BF112769.D
 Acq: 28 Feb 2019 19:02

Instrument :
 BNA_F
 ClientSampleId :
 B-3(9-10)

Tgt Ion: 82 Resp: 1228400
 Ion Ratio Lower Upper
 82 100
 128 47.1 36.3 54.5
 54 54.3 43.7 65.5

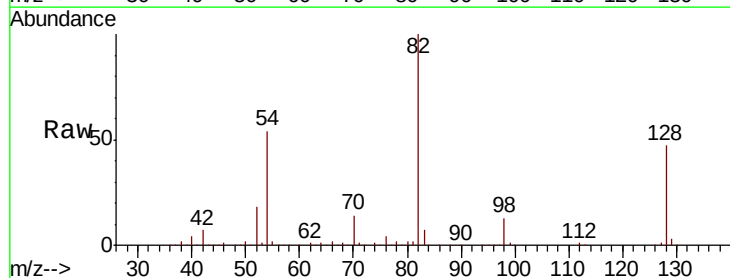


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

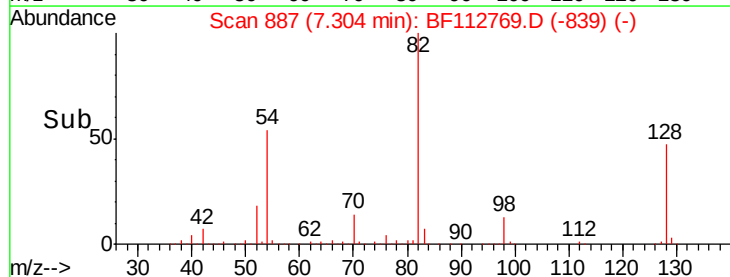
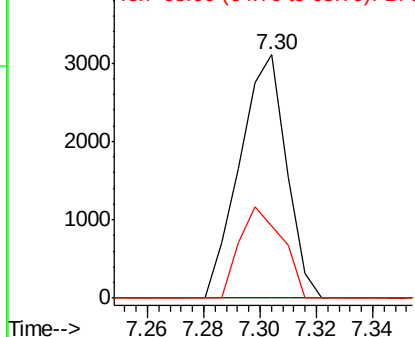


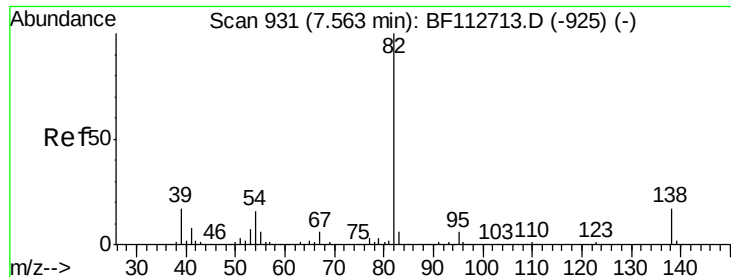
#24
 Nitrobenzene
 Concen: 0.243 ng
 RT: 7.30 min Scan# 887
 Delta R.T. -0.02 min
 Lab File: BF112769.D
 Acq: 28 Feb 2019 19:02

Tgt Ion: 77 Resp: 3559
 Ion Ratio Lower Upper
 77 100
 123 0.0 37.8 56.6#
 65 29.7 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: 42.939 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.26 min

Lab File: BF112769.D

Acq: 28 Feb 2019 19:02

Instrument :

BNA_F

ClientSampleId :

B-3(9-10)

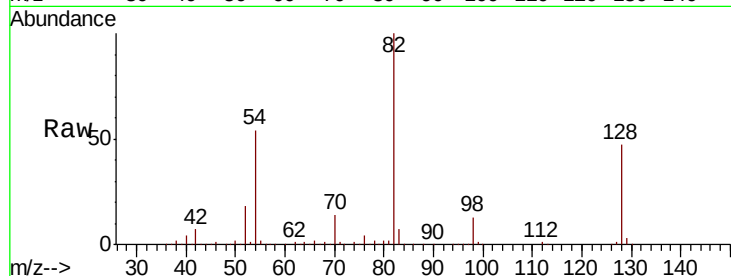
Tgt Ion: 82 Resp: 1217120

Ion Ratio Lower Upper

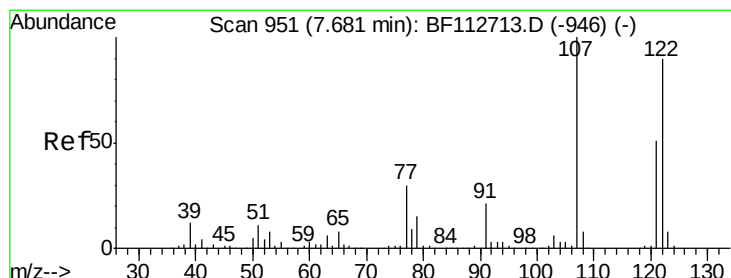
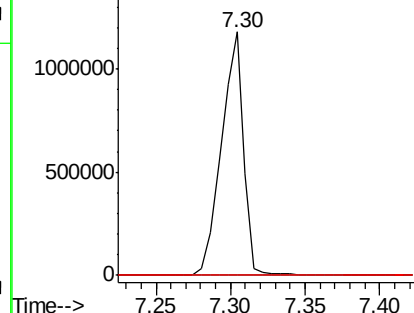
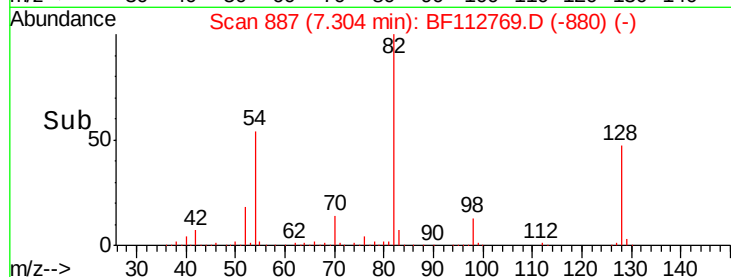
82 100

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



#27

2,4-Dimethylphenol

Concen: 0.038 ng

RT: 7.72 min Scan# 958

Delta R.T. 0.04 min

Lab File: BF112769.D

Acq: 28 Feb 2019 19:02

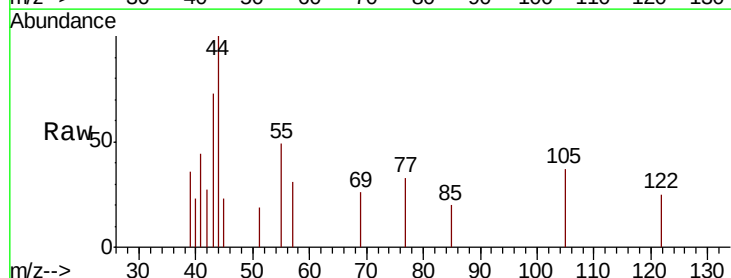
Tgt Ion: 122 Resp: 427

Ion Ratio Lower Upper

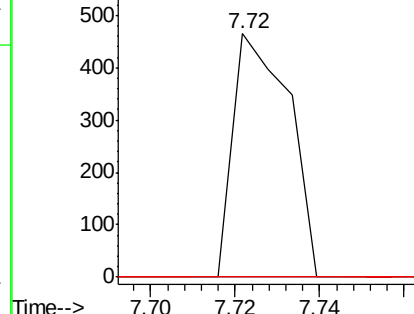
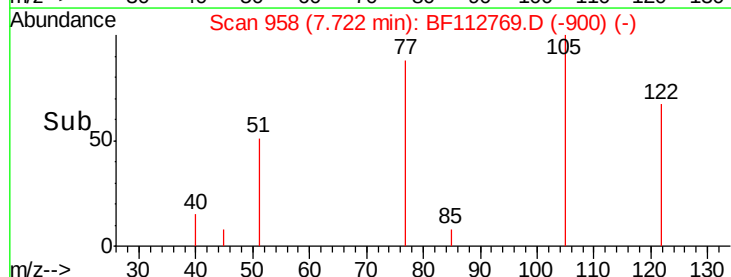
122 100

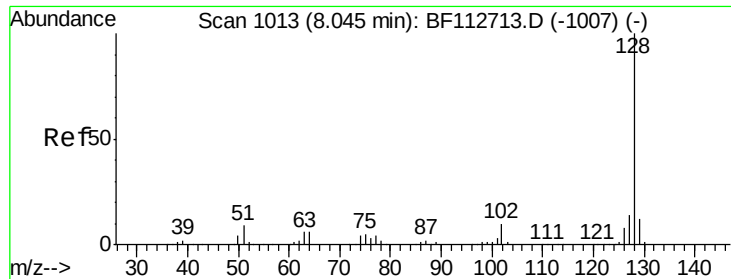
107 0.0 89.4 134.0#

121 0.0 45.5 68.3#



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

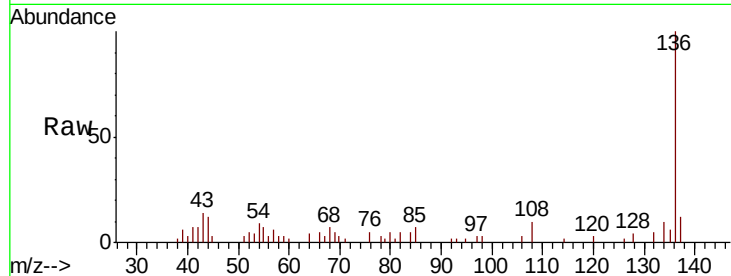




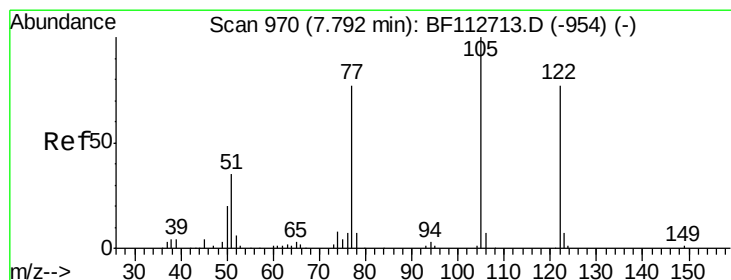
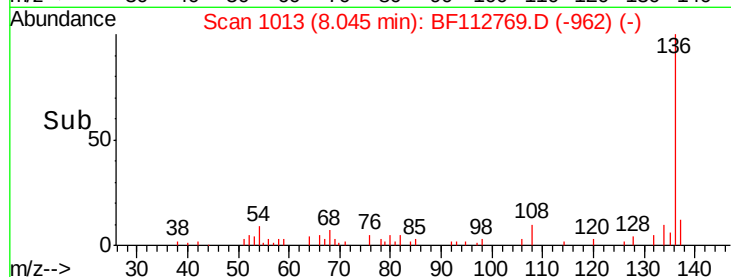
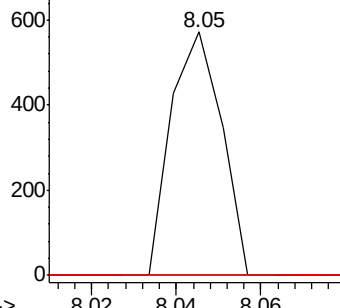
#31
Naphthalene
Concen: 0.012 ng
RT: 8.05 min Scan# 1013
Delta R.T. 0.00 min
Lab File: BF112769.D
Acq: 28 Feb 2019 19:02

Instrument :
BNA_F
ClientSampleId :
B-3(9-10)

Tgt Ion:128 Resp: 475
Ion Ratio Lower Upper
128 100
129 0.0 9.3 13.9#
127 0.0 10.9 16.3#

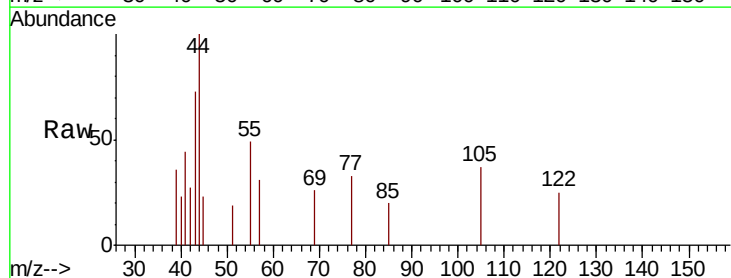


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

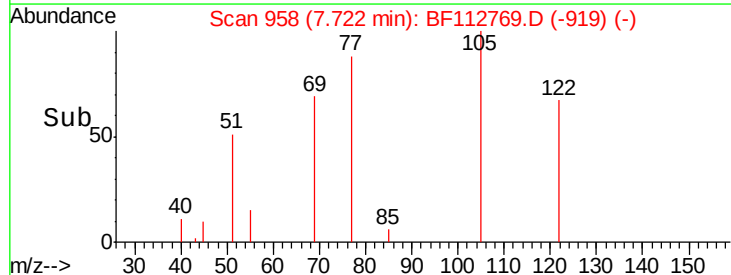
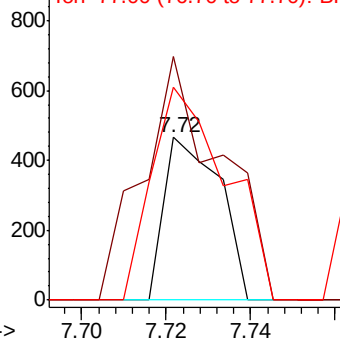


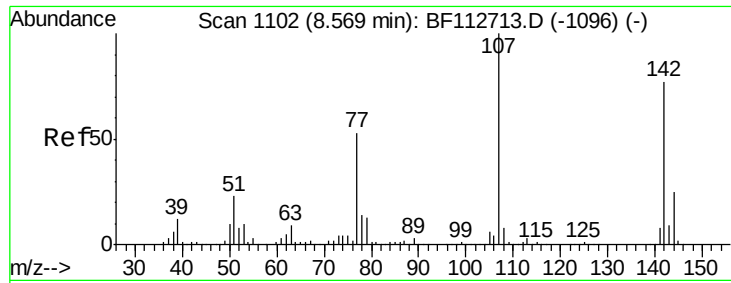
#32
Benzoic acid
Concen: 0.054 ng
RT: 7.72 min Scan# 958
Delta R.T. -0.07 min
Lab File: BF112769.D
Acq: 28 Feb 2019 19:02

Tgt Ion:122 Resp: 427
Ion Ratio Lower Upper
122 100
105 149.9 106.8 146.8#
77 131.2 79.4 119.4#



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

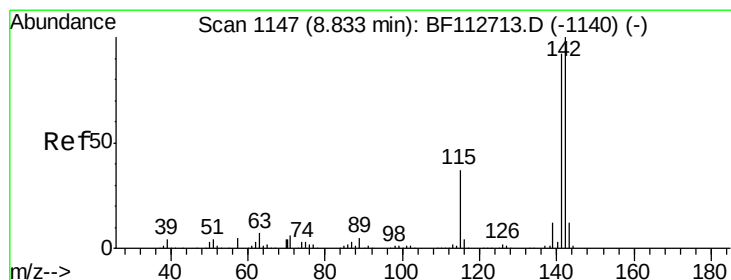
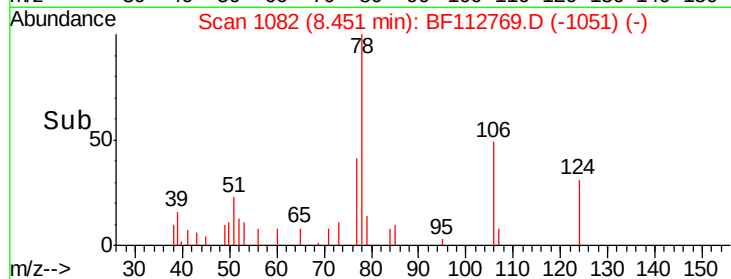
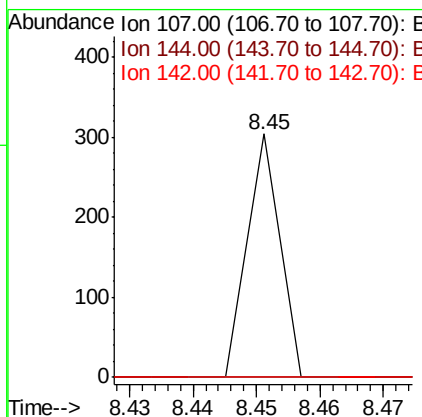
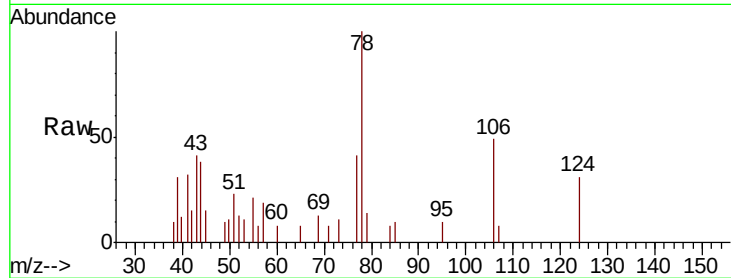




#36
 4-Chloro-3-methylphenol
 Concen: 0.009 ng
 RT: 8.45 min Scan# 1082
 Delta R.T. -0.12 min
 Lab File: BF112769.D
 Acq: 28 Feb 2019 19:02

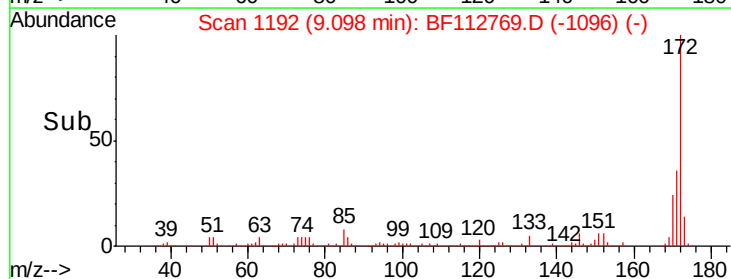
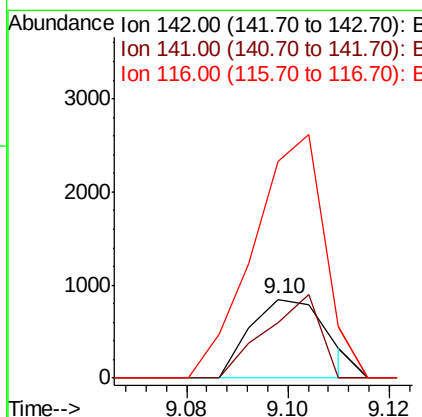
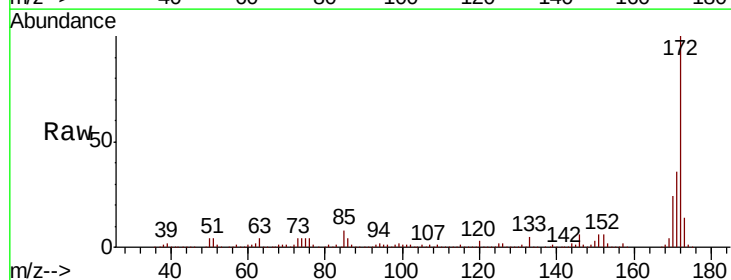
Instrument :
 BNA_F
 ClientSampleId :
 B-3(9-10)

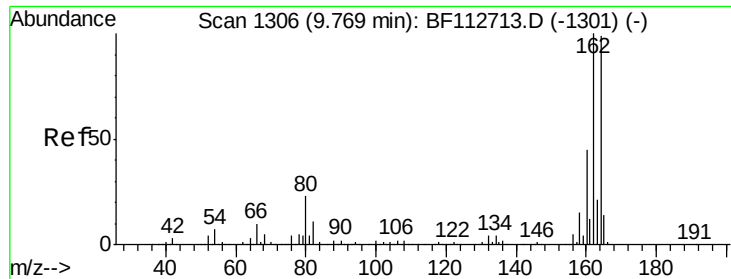
Tgt Ion:107 Resp: 107
 Ion Ratio Lower Upper
 107 100
 144 0.0 20.1 30.1#
 142 0.0 61.9 92.9#



#38
 1-Methylnaphthalene
 Concen: 0.036 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. 0.26 min
 Lab File: BF112769.D
 Acq: 28 Feb 2019 19:02

Tgt Ion:142 Resp: 882
 Ion Ratio Lower Upper
 142 100
 141 70.7 73.7 110.5#
 116 273.2 3.1 4.7#

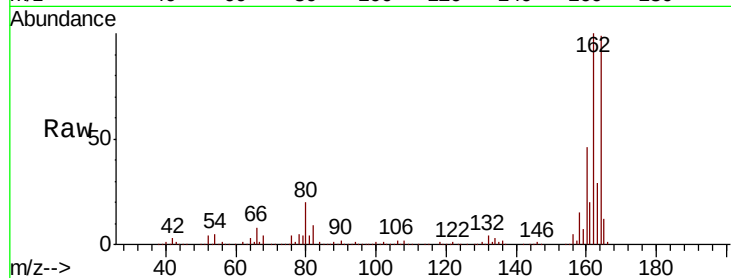




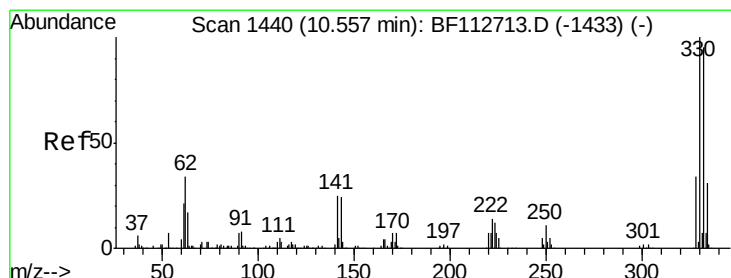
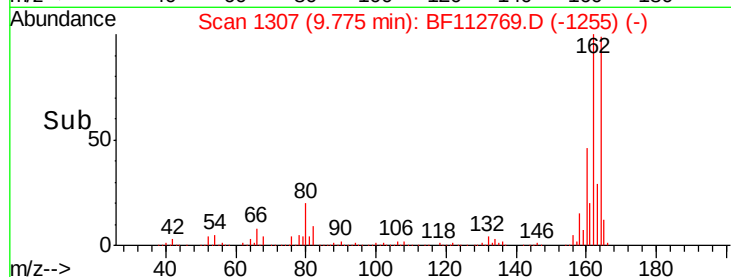
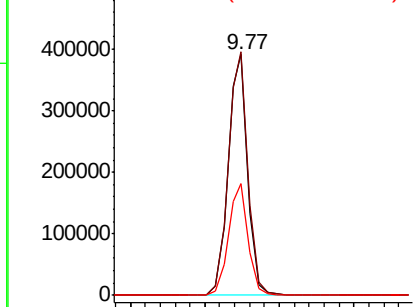
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. 0.01 min
 Lab File: BF112769.D
 Acq: 28 Feb 2019 19:02

Instrument :
 BNA_F
 ClientSampleId :
 B-3(9-10)

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.1	80.6	120.8
160	46.3	36.0	54.0

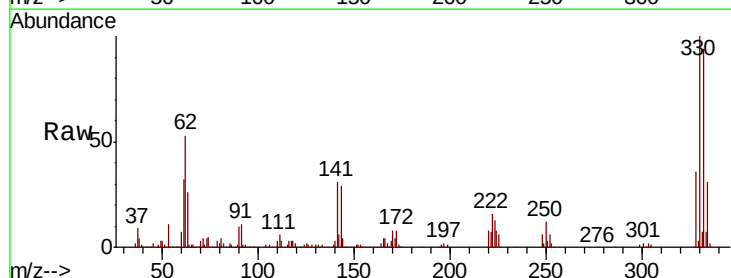


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

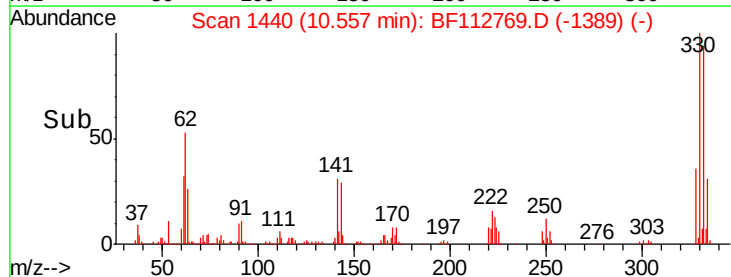
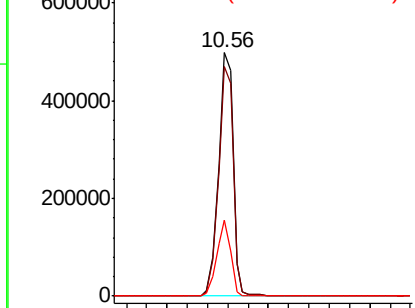


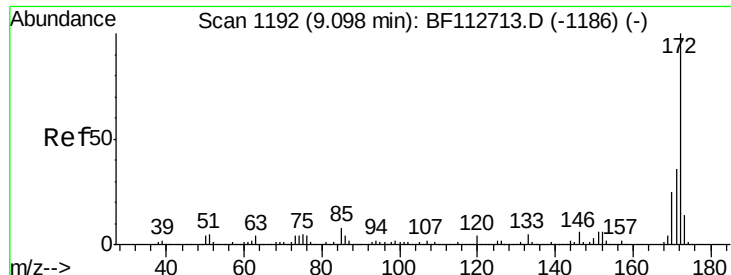
#42
 2,4,6-Tribromophenol
 Concen: 131.215 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: BF112769.D
 Acq: 28 Feb 2019 19:02

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.9	76.2	114.4
141	29.4	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

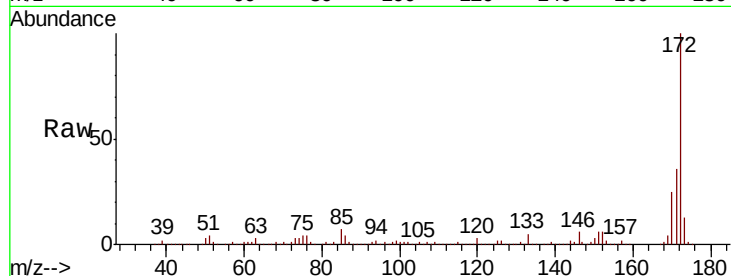




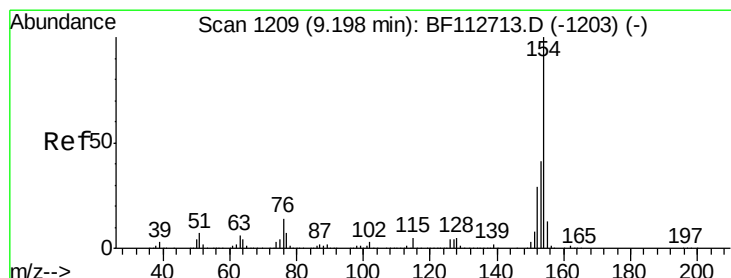
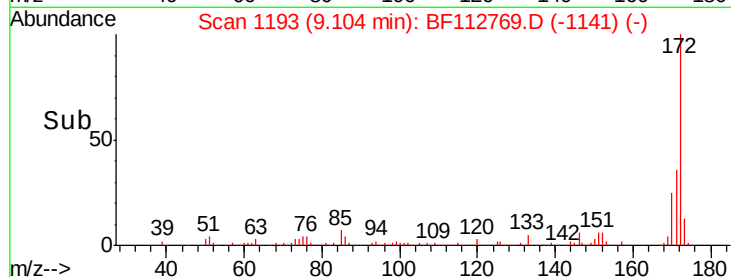
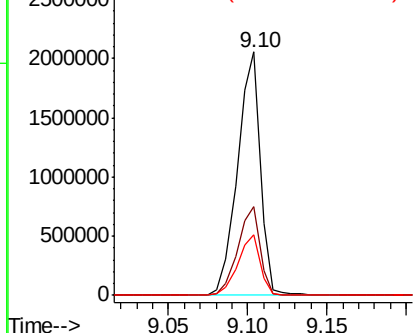
#45
2-Fluorobiphenyl
Concen: 99.604 ng
RT: 9.10 min Scan# 1193
Delta R.T. 0.01 min
Lab File: BF112769.D
Acq: 28 Feb 2019 19:02

Instrument :
BNA_F
ClientSampleId :
B-3(9-10)

Tgt Ion:172 Resp: 2041430
Ion Ratio Lower Upper
172 100
171 36.4 29.0 43.4
170 25.0 20.0 30.0

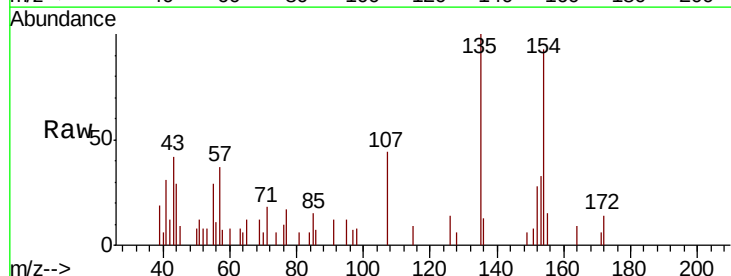


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

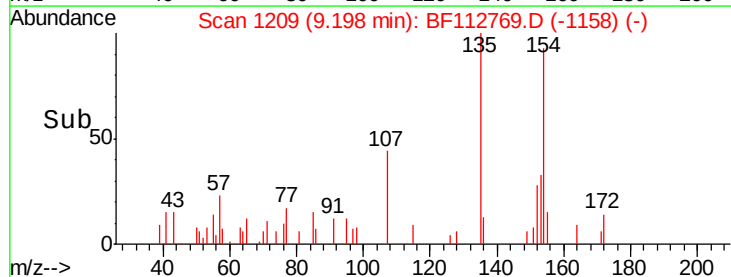
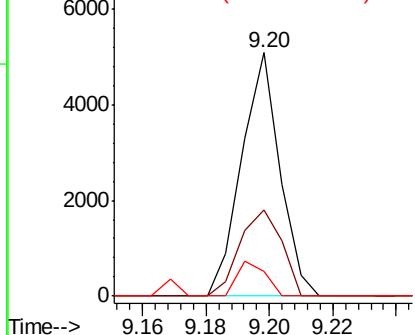


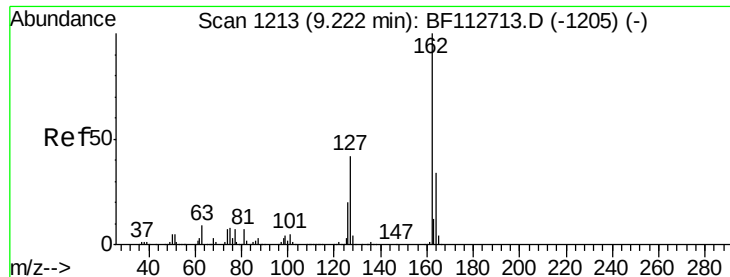
#46
1,1'-Biphenyl
Concen: 0.145 ng
RT: 9.20 min Scan# 1209
Delta R.T. 0.00 min
Lab File: BF112769.D
Acq: 28 Feb 2019 19:02

Tgt Ion:154 Resp: 4245
Ion Ratio Lower Upper
154 100
153 35.3 20.8 60.8
76 10.4 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

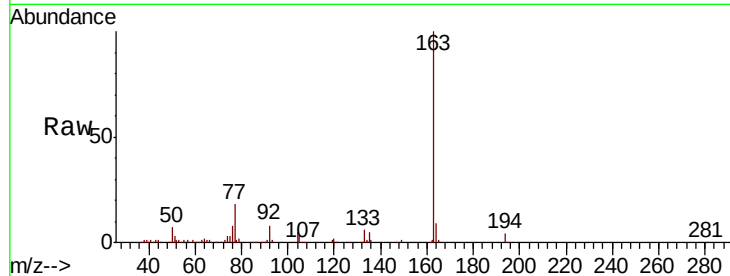




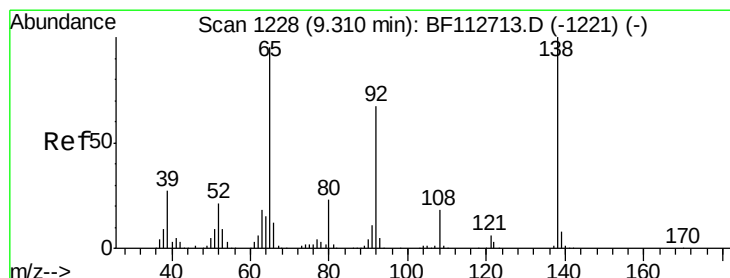
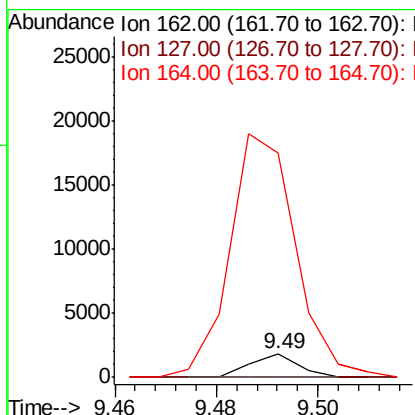
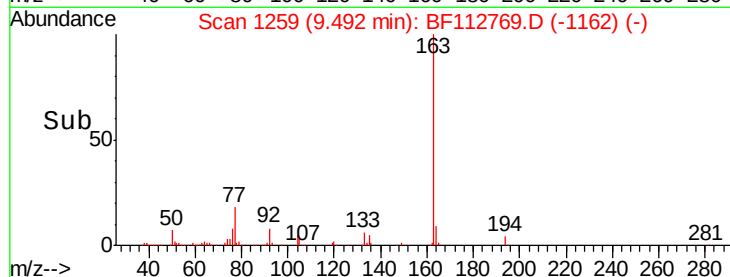
#47
 2-Chloronaphthalene
 Concen: 0.052 ng
 RT: 9.49 min Scan# 1259
 Delta R.T. 0.27 min
 Lab File: BF112769.D
 Acq: 28 Feb 2019 19:02

Instrument :
 BNA_F
 ClientSampleId :
 B-3(9-10)

Tgt Ion: 162 Resp: 1203
 Ion Ratio Lower Upper
 162 100
 127 0.0 33.4 50.2#
 164 951.6 26.9 40.3#

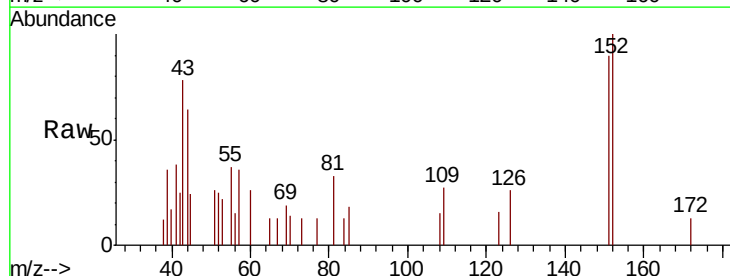


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

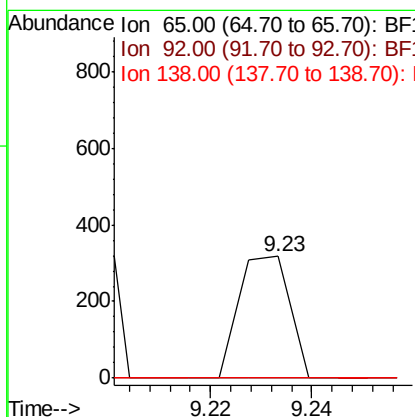
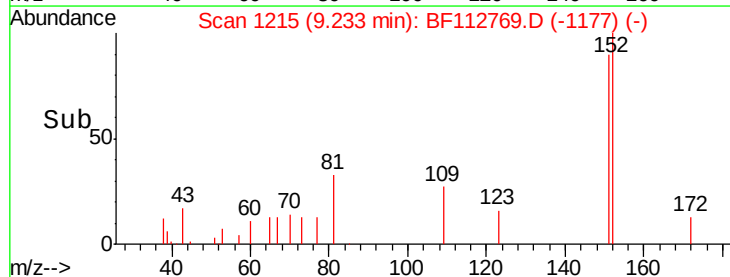


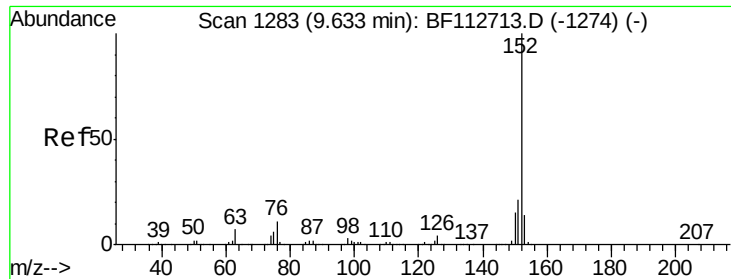
#48
 2-Nitroaniline
 Concen: 0.032 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.08 min
 Lab File: BF112769.D
 Acq: 28 Feb 2019 19:02

Tgt Ion: 65 Resp: 221
 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





#49

Acenaphthylene

Concen: 0.003 ng

RT: 9.83 min Scan# 1317

Delta R.T. 0.20 min

Lab File: BF112769.D

Acq: 28 Feb 2019 19:02

Instrument :

BNA_F

ClientSampleId :

B-3(9-10)

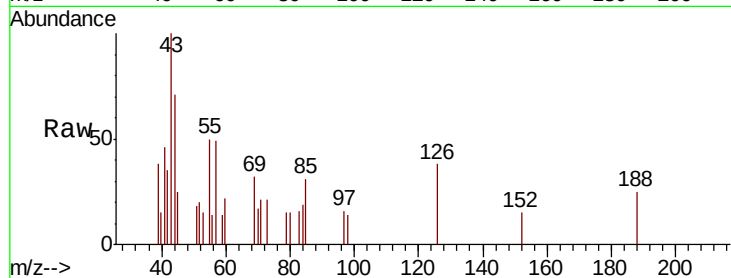
Tgt Ion:152 Resp: 119

Ion Ratio Lower Upper

152 100

151 0.0 16.9 25.3#

153 0.0 11.0 16.6#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

9.83

400

300

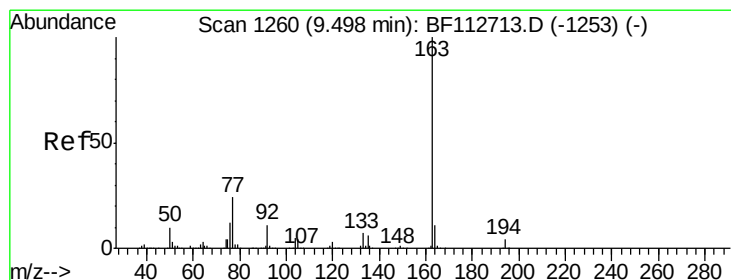
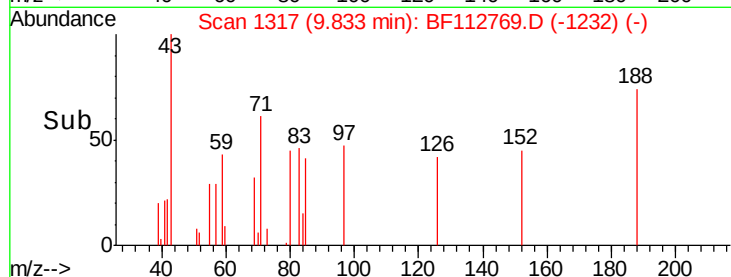
200

100

0

9.81 9.82 9.83 9.84 9.85

Time-->



#50

Dimethylphthalate

Concen: 6.376 ng

RT: 9.49 min Scan# 1259

Delta R.T. -0.01 min

Lab File: BF112769.D

Acq: 28 Feb 2019 19:02

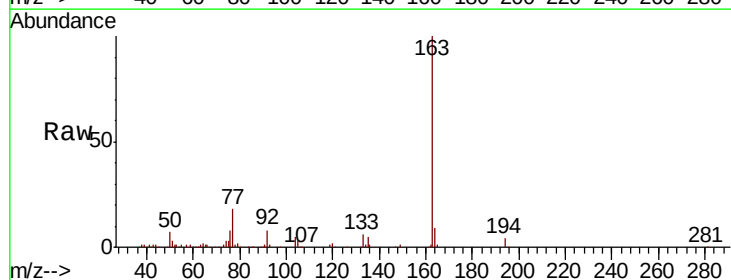
Tgt Ion:163 Resp: 169210

Ion Ratio Lower Upper

163 100

194 4.0 3.0 4.4

164 9.1 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

9.49

250000

200000

150000

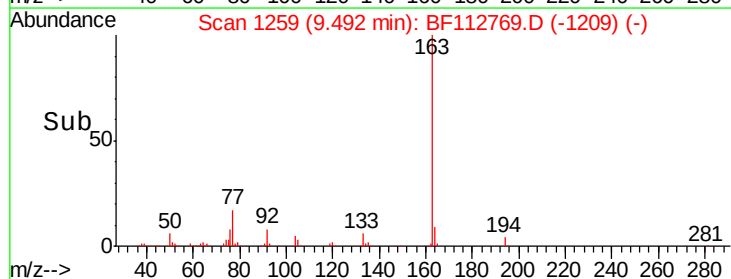
100000

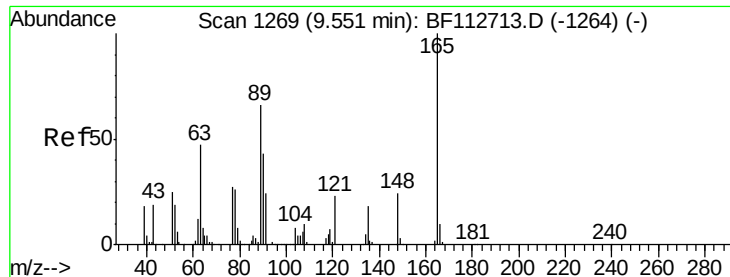
50000

0

9.45 9.50 9.55

Time-->

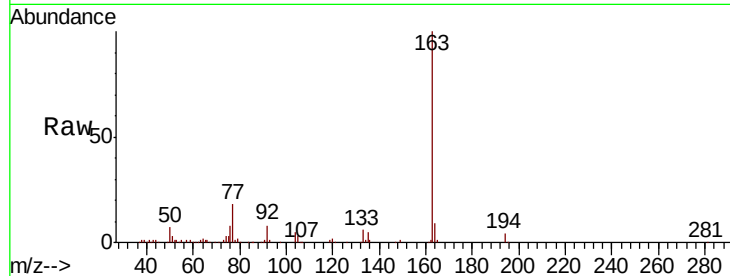




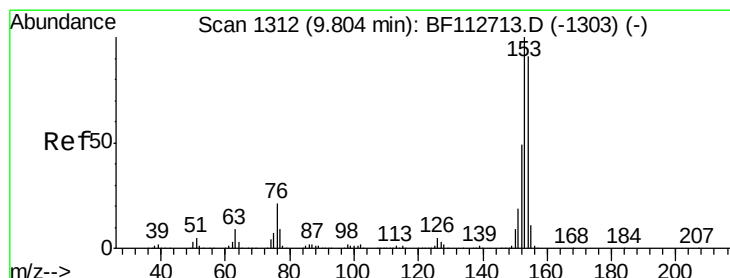
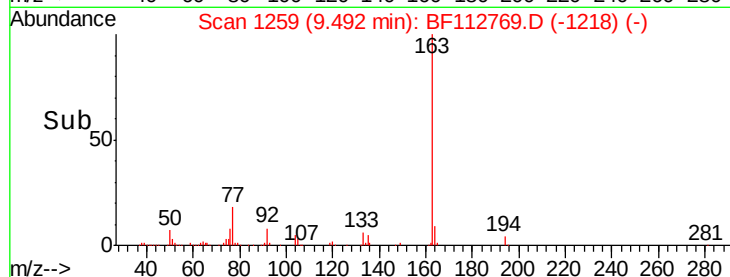
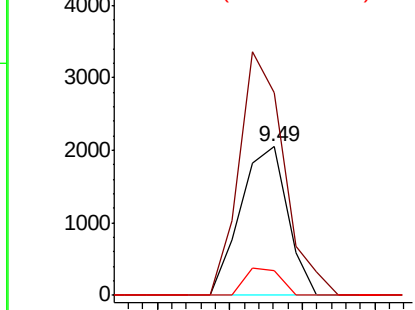
#51
2,6-Dinitrotoluene
Concen: 0.333 ng
RT: 9.49 min Scan# 1259
Delta R.T. -0.06 min
Lab File: BF112769.D
Acq: 28 Feb 2019 19:02

Instrument :
BNA_F
ClientSampleId :
B-3(9-10)

Tgt Ion:165 Resp: 1843
Ion Ratio Lower Upper
165 100
63 136.3 54.1 81.1#
89 16.2 52.8 79.2#

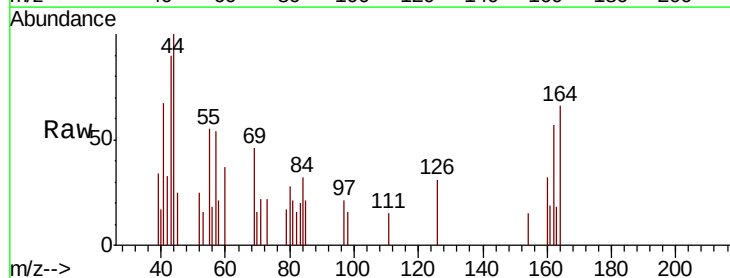


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

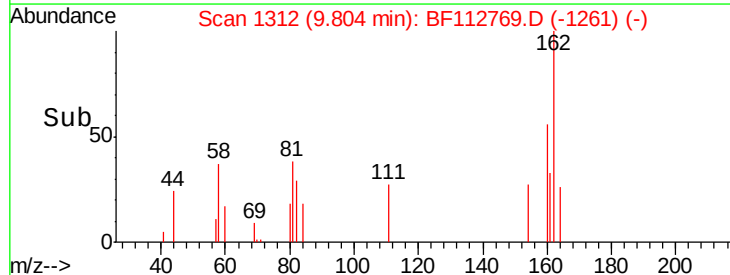
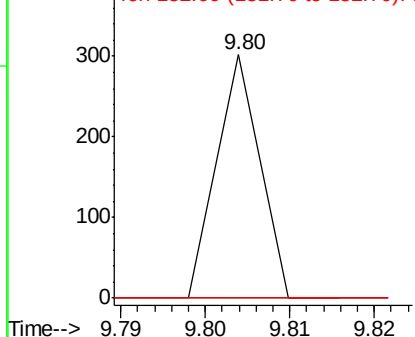


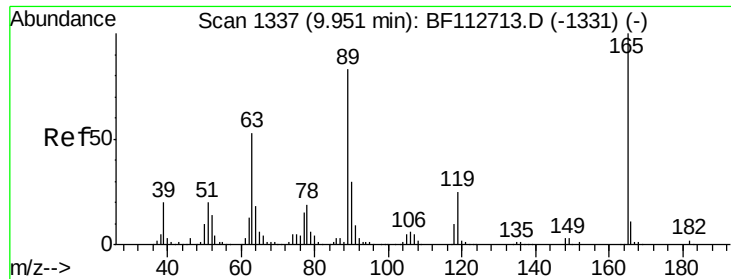
#52
Acenaphthene
Concen: 0.005 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BF112769.D
Acq: 28 Feb 2019 19:02

Tgt Ion:154 Resp: 107
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

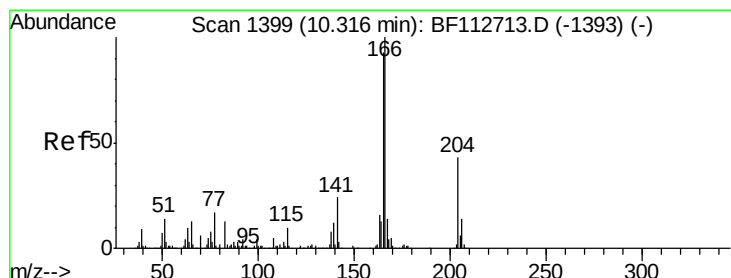
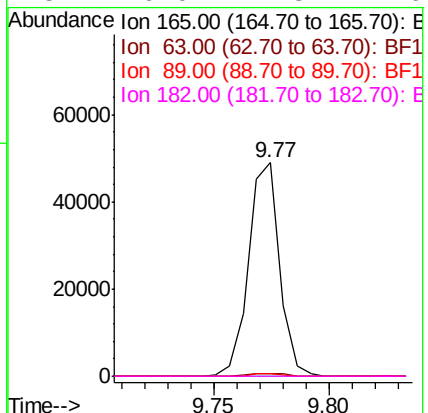
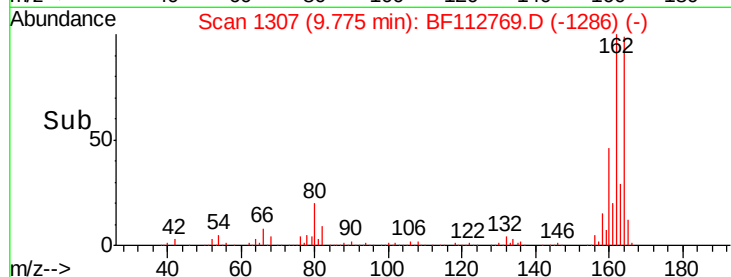
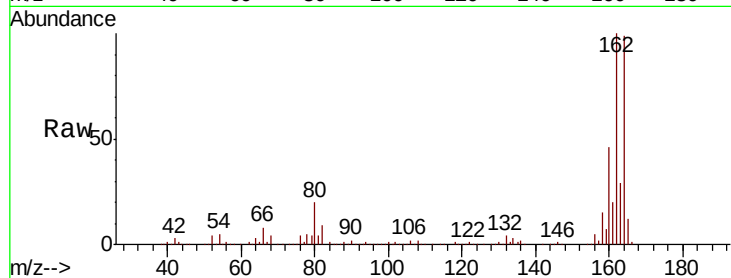




#57
2,4-Dinitrotoluene
Concen: 6.700 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.18 min
Lab File: BF112769.D
Acq: 28 Feb 2019 19:02

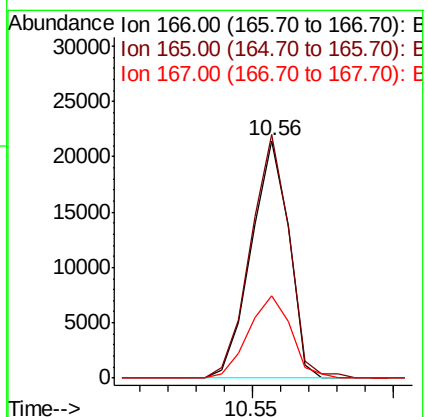
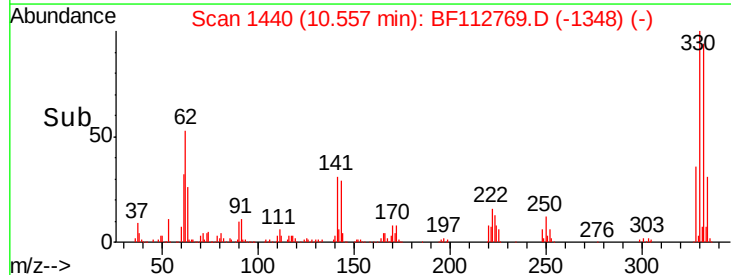
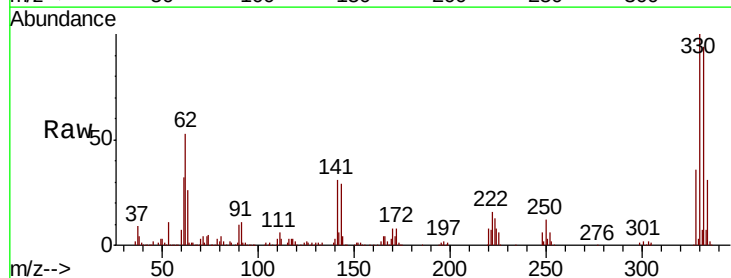
Instrument :
BNA_F
ClientSampleId :
B-3(9-10)

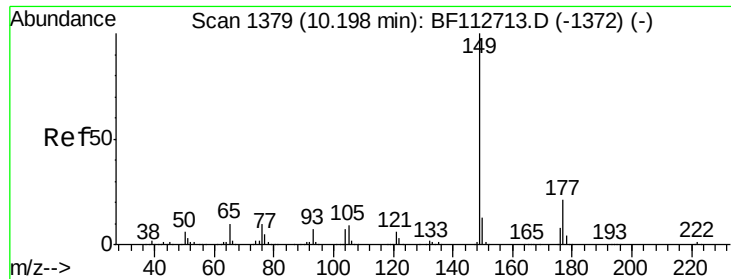
Tgt Ion:	165	Resp:	46023
Ion	Ratio	Lower	Upper
165	100		
63	1.5	42.2	63.2#
89	1.2	66.2	99.4#
182	0.0	1.8	2.6#



#58
Fluorene
Concen: 0.843 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.24 min
Lab File: BF112769.D
Acq: 28 Feb 2019 19:02

Tgt Ion:	166	Resp:	19794
Ion	Ratio	Lower	Upper
166	100		
165	102.6	74.7	112.1
167	34.9	11.0	16.6#

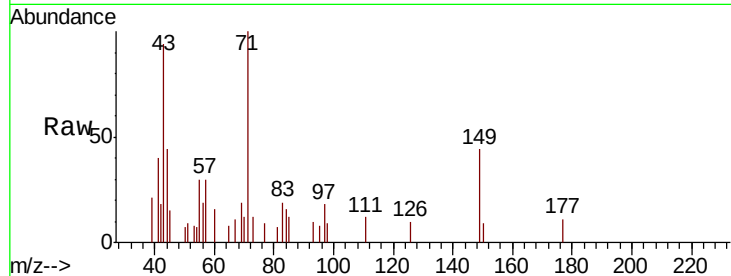




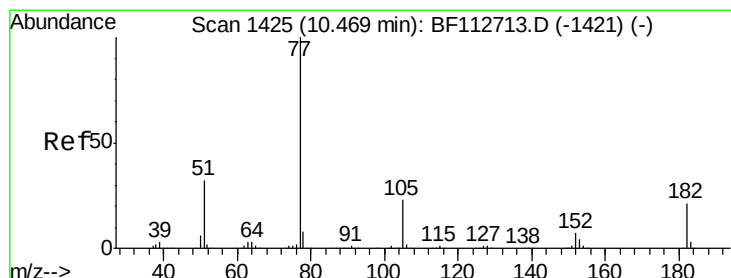
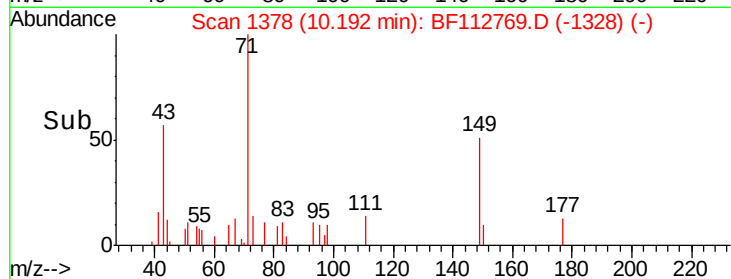
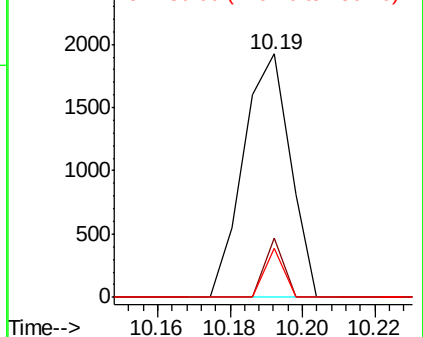
#60
Diethylphthalate
Concen: 0.062 ng
RT: 10.19 min Scan# 1378
Delta R.T. -0.01 min
Lab File: BF112769.D
Acq: 28 Feb 2019 19:02

Instrument :
BNA_F
ClientSampleId :
B-3(9-10)

Tgt Ion: 149 Resp: 1726
Ion Ratio Lower Upper
149 100
177 24.4 17.0 25.6
150 20.0 10.0 15.0#

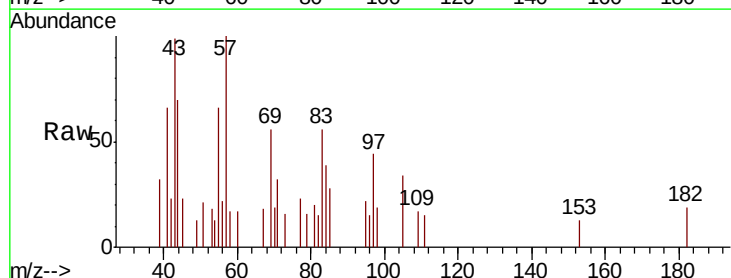


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

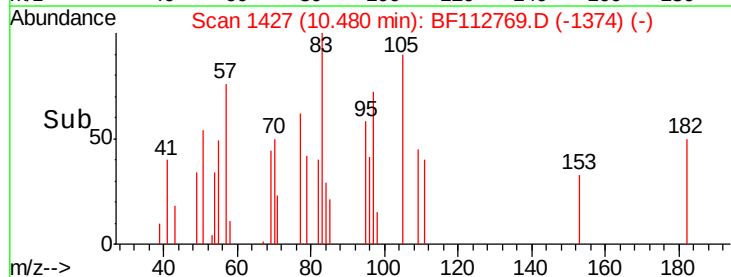
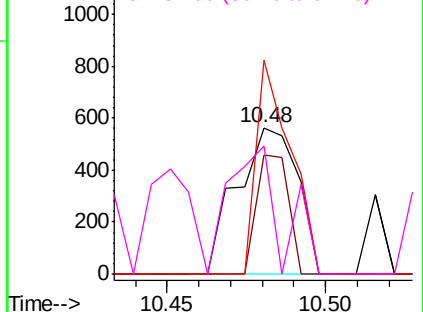


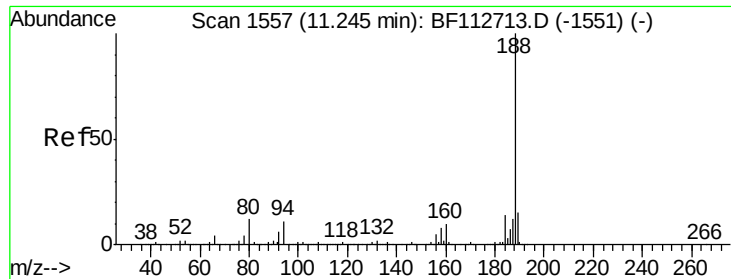
#63
Azobenzene
Concen: 0.026 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.01 min
Lab File: BF112769.D
Acq: 28 Feb 2019 19:02

Tgt Ion: 77 Resp: 747
Ion Ratio Lower Upper
77 100
182 81.2 1.4 41.4#
105 146.2 2.6 42.6#
51 87.7 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

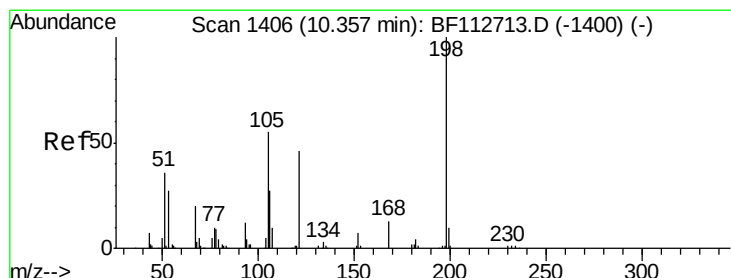
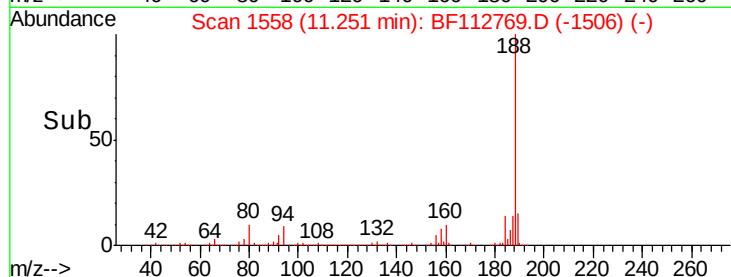
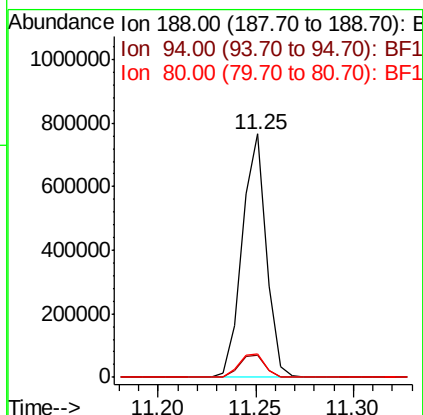
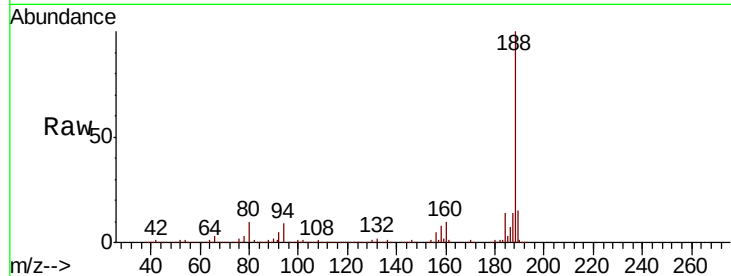




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. 0.01 min
Lab File: BF112769.D
Acq: 28 Feb 2019 19:02

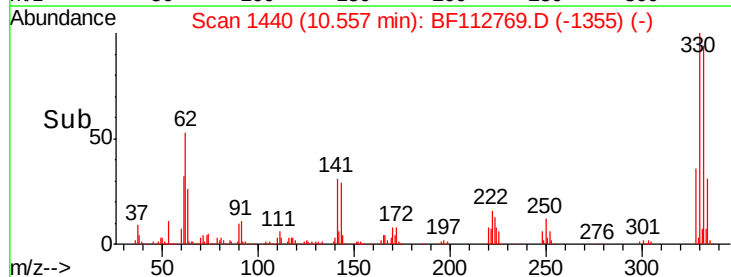
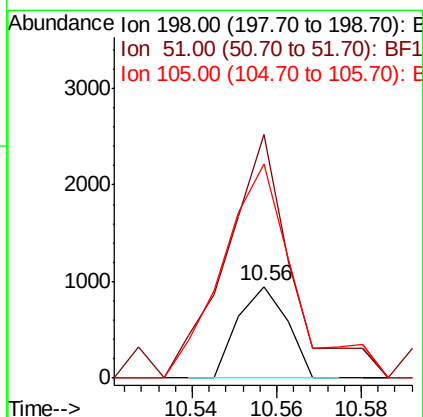
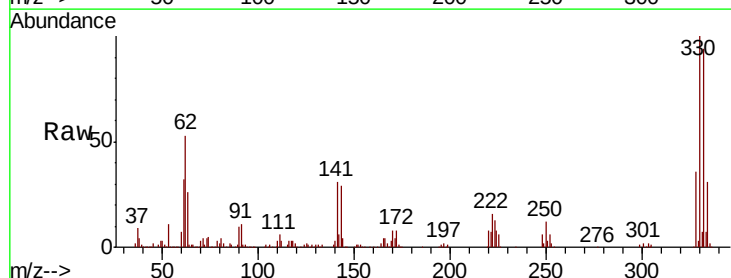
Instrument :
BNA_F
ClientSampleId :
B-3(9-10)

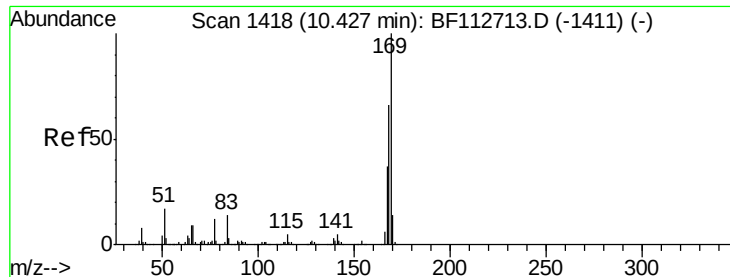
Tgt Ion:188 Resp: 655164
Ion Ratio Lower Upper
188 100
94 9.1 9.0 13.4
80 9.9 9.2 13.8



#65
4,6-Dinitro-2-methylphenol
Concen: 4.870 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.20 min
Lab File: BF112769.D
Acq: 28 Feb 2019 19:02

Tgt Ion:198 Resp: 767
Ion Ratio Lower Upper
198 100
51 264.9 43.8 83.8#
105 233.0 36.5 76.5#

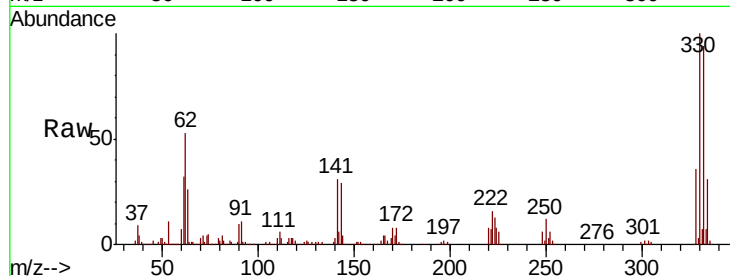




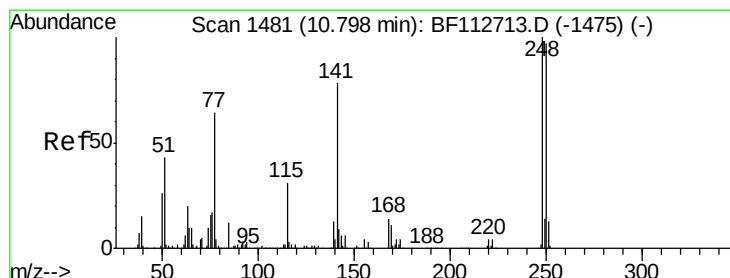
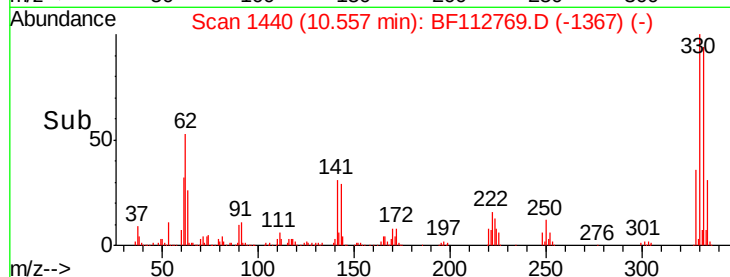
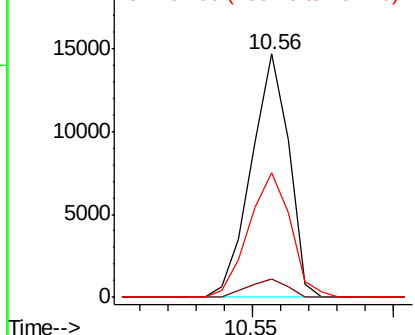
#66
n-Nitrosodiphenylamine
Concen: 0.648 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.13 min
Lab File: BF112769.D
Acq: 28 Feb 2019 19:02

Instrument :
BNA_F
ClientSampleId :
B-3(9-10)

Tgt Ion:169 Resp: 13610
Ion Ratio Lower Upper
169 100
168 7.4 53.0 79.6#
167 51.1 29.3 43.9#

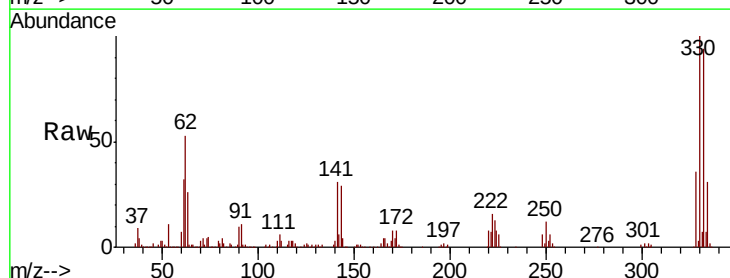


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

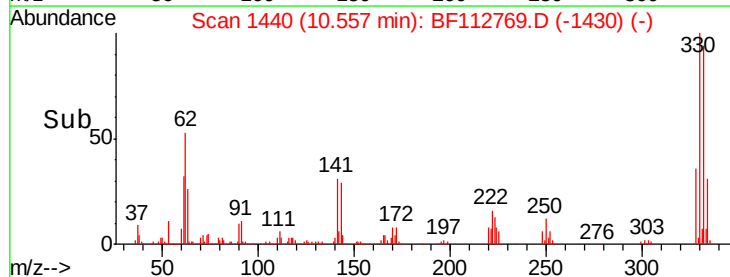
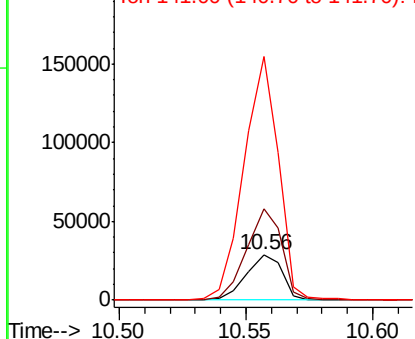


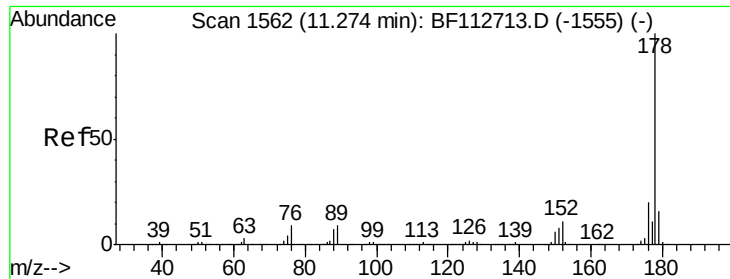
#67
4-Bromophenyl-phenylether
Concen: 4.155 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.24 min
Lab File: BF112769.D
Acq: 28 Feb 2019 19:02

Tgt Ion:248 Resp: 28675
Ion Ratio Lower Upper
248 100
250 199.9 77.5 116.3#
141 531.8 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

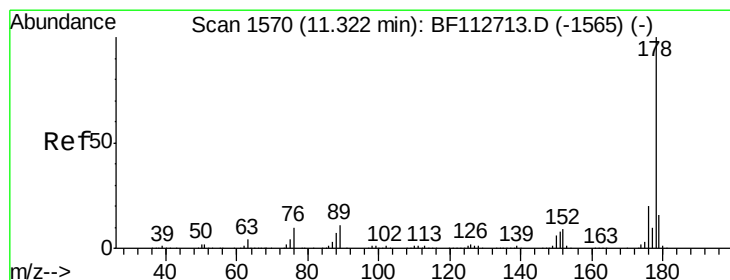
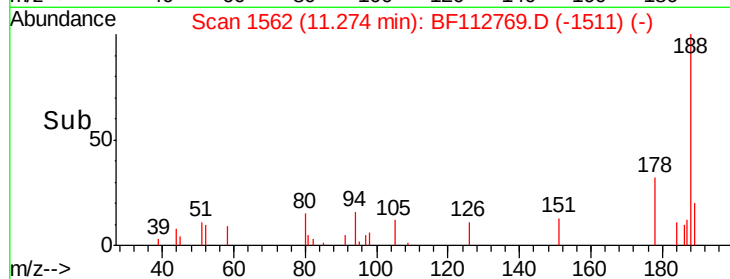
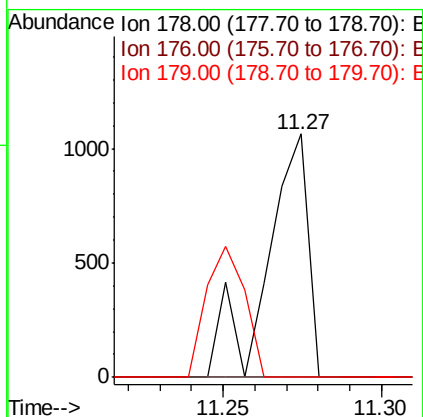
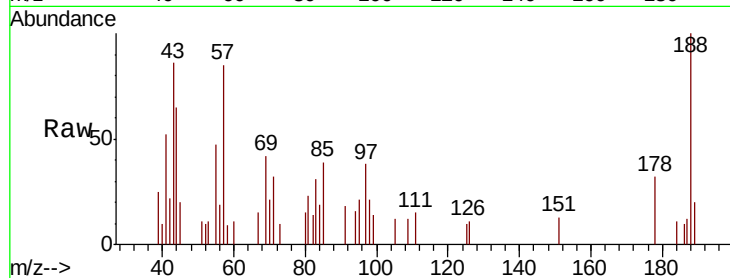




#71
 Phenanthrene
 Concen: 0.030 ng
 RT: 11.27 min Scan# 1562
 Delta R.T. 0.00 min
 Lab File: BF112769.D
 Acq: 28 Feb 2019 19:02

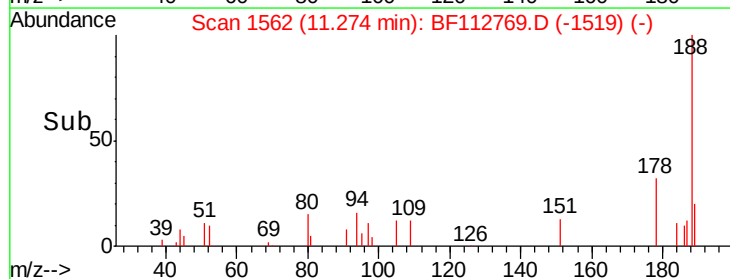
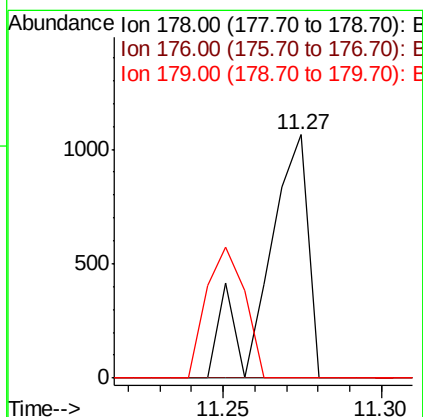
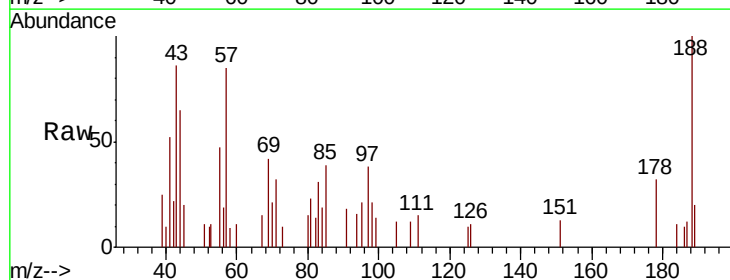
Instrument :
 BNA_F
 ClientSampleId :
 B-3(9-10)

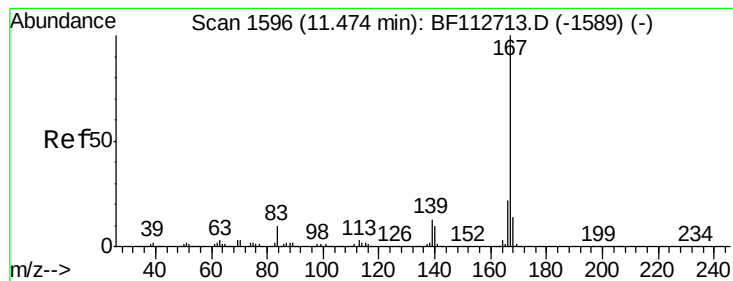
Tgt Ion:178 Resp: 963
 Ion Ratio Lower Upper
 178 100
 176 0.0 16.3 24.5#
 179 0.0 12.7 19.1#



#72
 Anthracene
 Concen: 0.028 ng
 RT: 11.27 min Scan# 1562
 Delta R.T. -0.05 min
 Lab File: BF112769.D
 Acq: 28 Feb 2019 19:02

Tgt Ion:178 Resp: 963
 Ion Ratio Lower Upper
 178 100
 176 0.0 15.8 23.6#
 179 0.0 13.0 19.6#





#73

Carbazole

Concen: 0.027 ng

RT: 11.46 min Scan# 1594

Delta R.T. -0.01 min

Lab File: BF112769.D

Acq: 28 Feb 2019 19:02

Instrument :

BNA_F

ClientSampleId :

B-3(9-10)

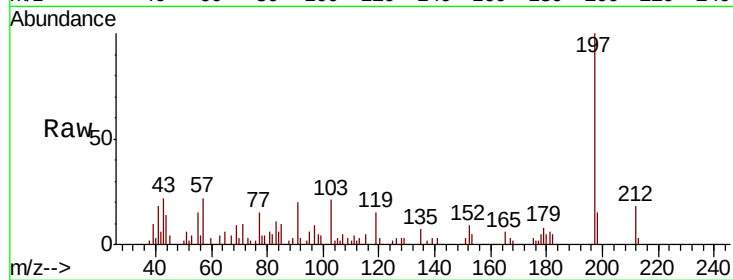
Tgt Ion:167 Resp: 889

Ion Ratio Lower Upper

167 100

166 0.0 17.5 26.3#

139 88.4 10.8 16.2#



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

11.46

400

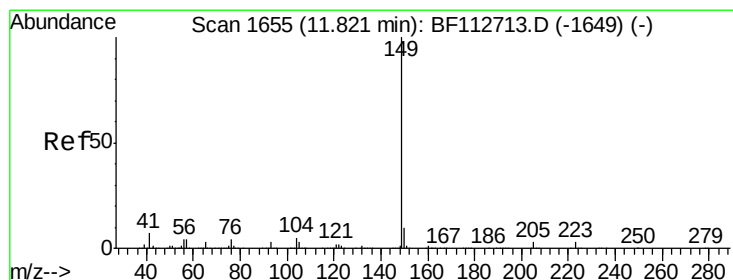
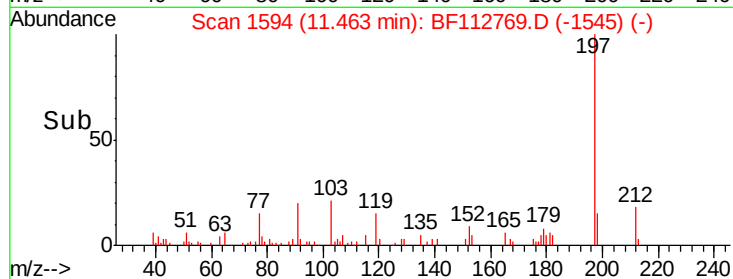
200

0

11.45

11.50

Time-->



#74

Di-n-butylphthalate

Concen: 0.265 ng

RT: 11.82 min Scan# 1654

Delta R.T. -0.01 min

Lab File: BF112769.D

Acq: 28 Feb 2019 19:02

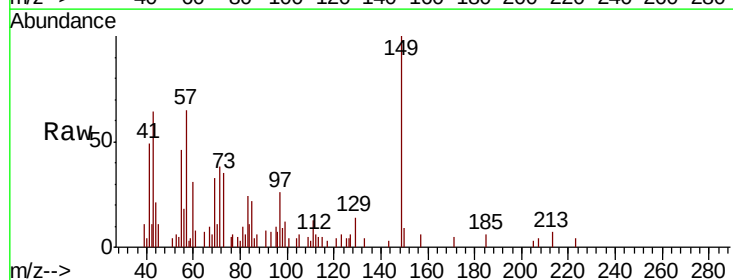
Tgt Ion:149 Resp: 10579

Ion Ratio Lower Upper

149 100

150 9.1 7.6 11.4

104 4.3 3.7 5.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

11.82

10000

5000

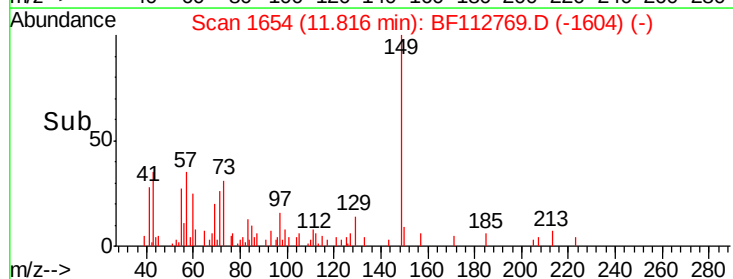
0

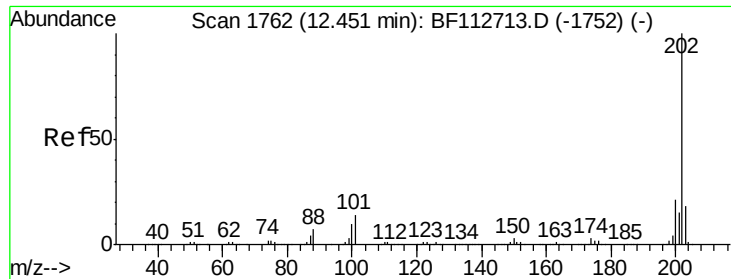
11.75

11.80

11.85

Time-->

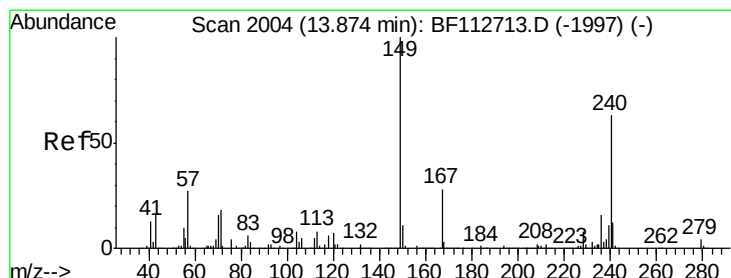
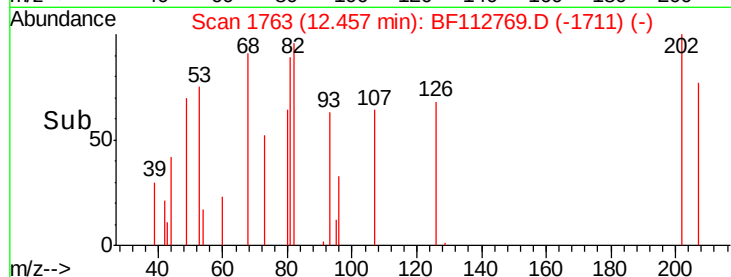
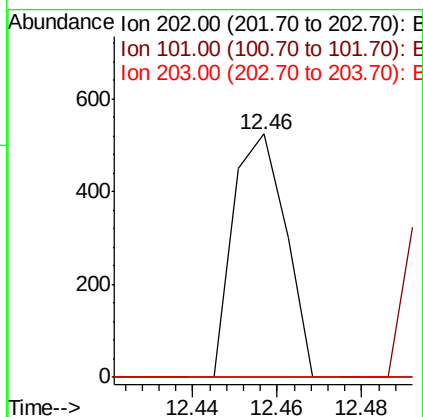
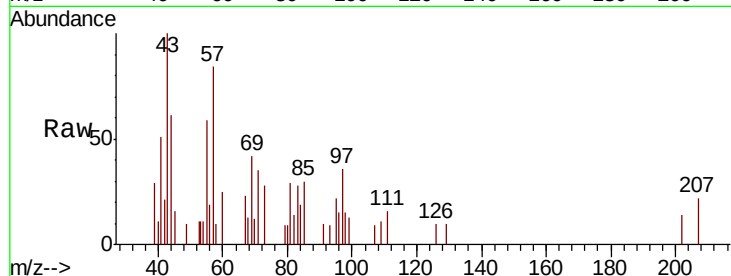




#75
Fluoranthene
Concen: 0.013 ng
RT: 12.46 min Scan# 1763
Delta R.T. 0.01 min
Lab File: BF112769.D
Acq: 28 Feb 2019 19:02

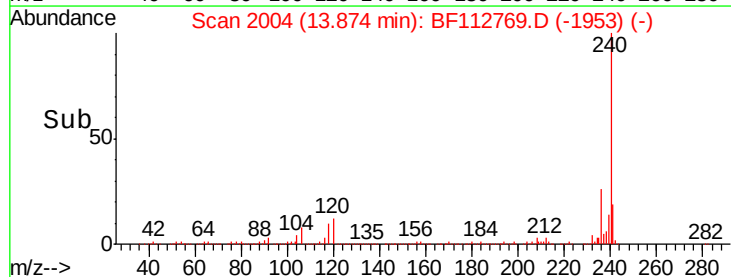
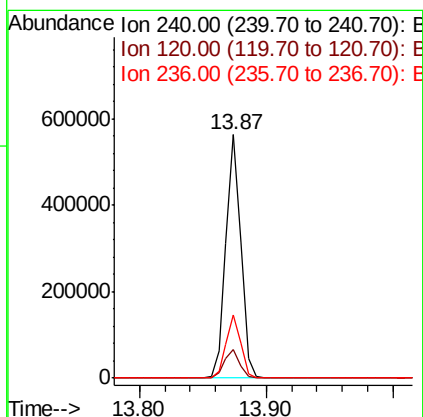
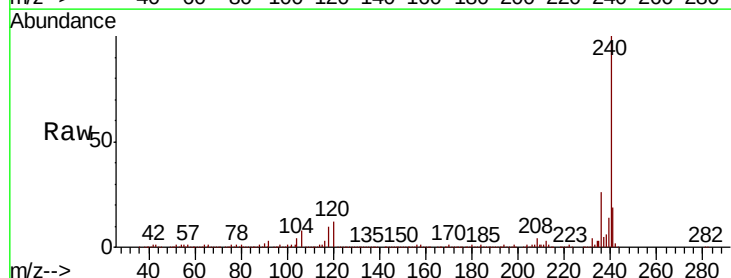
Instrument :
BNA_F
ClientSampleId :
B-3(9-10)

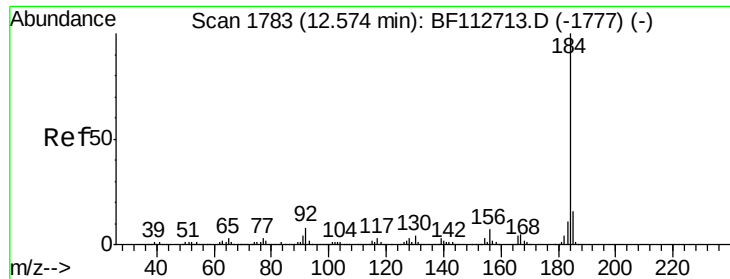
Tgt Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	33.8
203	0.0	0.0	38.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. 0.00 min
Lab File: BF112769.D
Acq: 28 Feb 2019 19:02

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.8	8.9	13.3
236	25.8	20.7	31.1





#77

Benzidine

Concen: 0.031 ng

RT: 12.71 min Scan# 1806

Delta R.T. 0.14 min

Lab File: BF112769.D

Acq: 28 Feb 2019 19:02

Instrument :

BNA_F

ClientSampleId :

B-3(9-10)

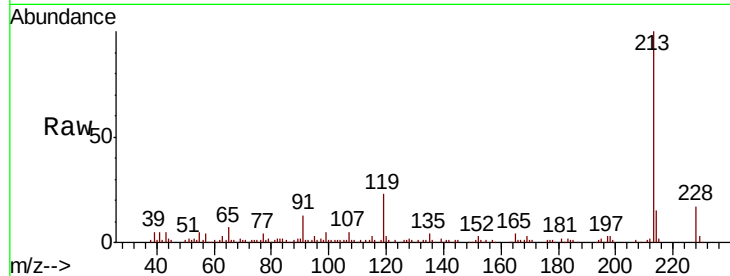
Tgt Ion:184 Resp: 752

Ion Ratio Lower Upper

184 100

185 66.4 12.6 18.8#

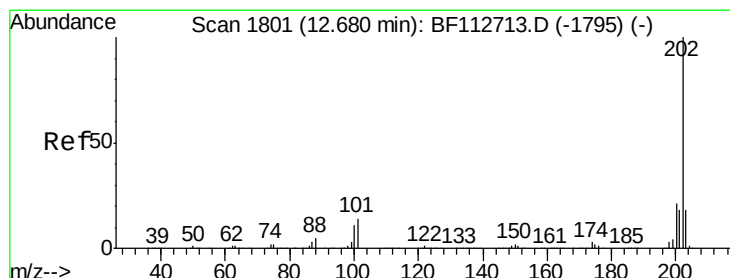
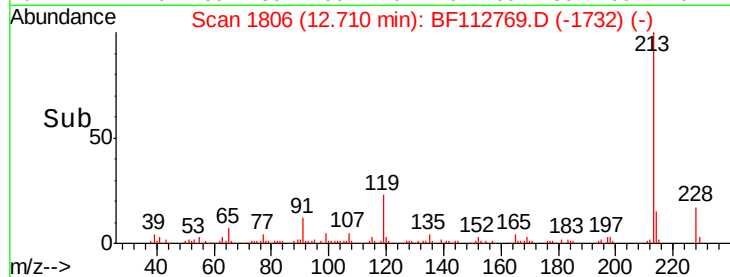
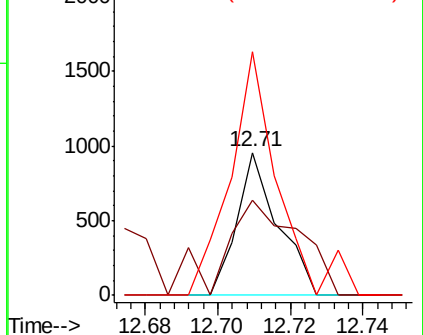
183 170.1 8.6 12.8#



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: 0.007 ng

RT: 12.68 min Scan# 1801

Delta R.T. -0.00 min

Lab File: BF112769.D

Acq: 28 Feb 2019 19:02

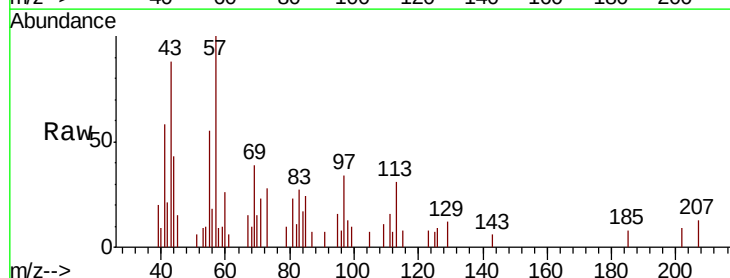
Tgt Ion:202 Resp: 289

Ion Ratio Lower Upper

202 100

200 0.0 17.0 25.4#

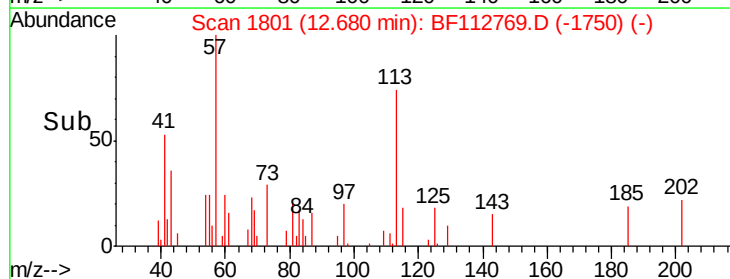
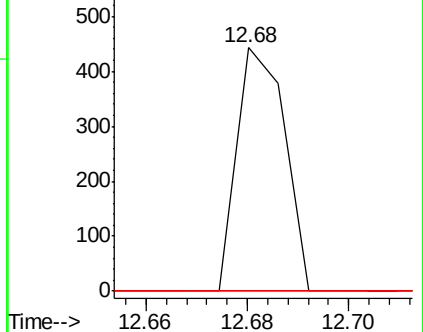
203 0.0 14.4 21.6#

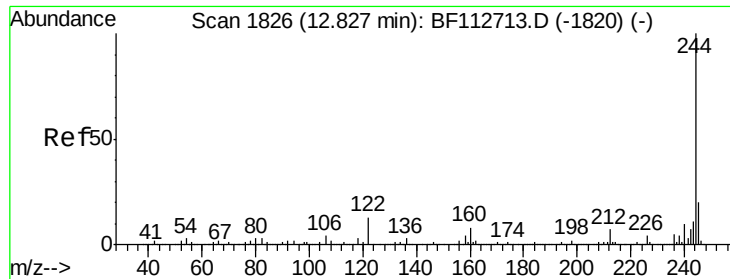


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 75.319 ng

RT: 12.83 min Scan# 1827

Delta R.T. 0.01 min

Lab File: BF112769.D

Acq: 28 Feb 2019 19:02

Instrument :

BNA_F

ClientSampleId :

B-3(9-10)

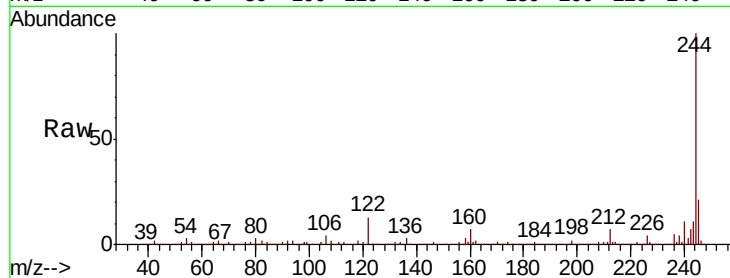
Tgt Ion:244 Resp: 1798131

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

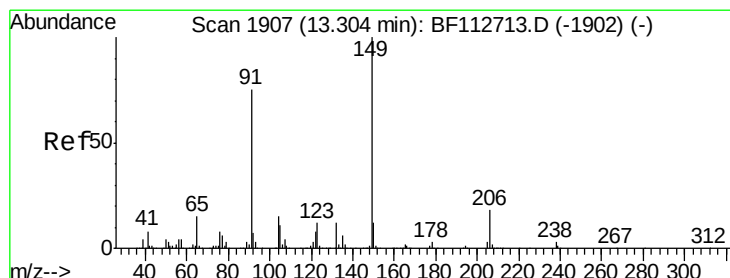
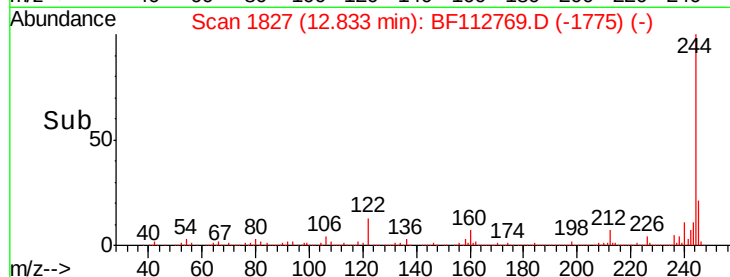
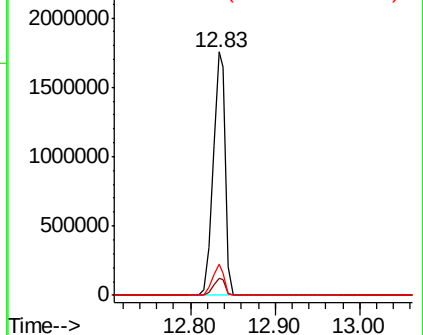
122 12.6 10.5 15.7



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 0.056 ng

RT: 13.30 min Scan# 1907

Delta R.T. 0.00 min

Lab File: BF112769.D

Acq: 28 Feb 2019 19:02

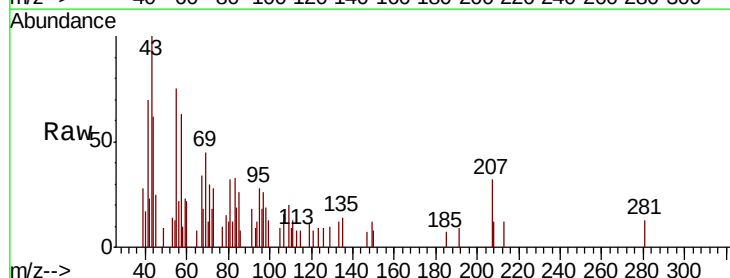
Tgt Ion:149 Resp: 961

Ion Ratio Lower Upper

149 100

91 148.5 59.9 89.9#

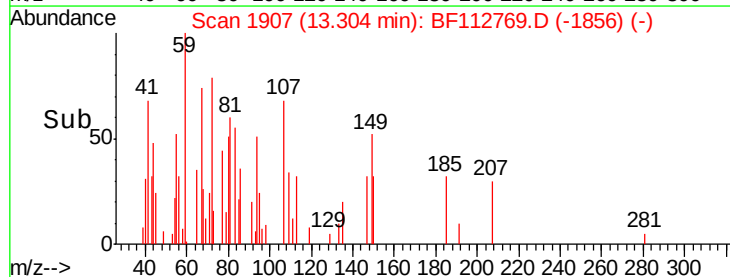
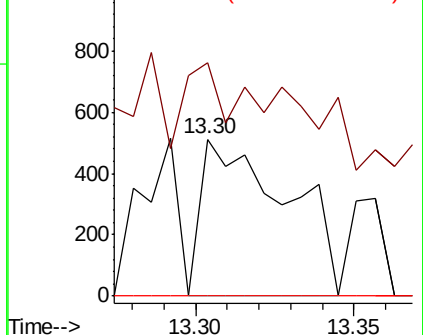
206 0.0 14.7 22.1#

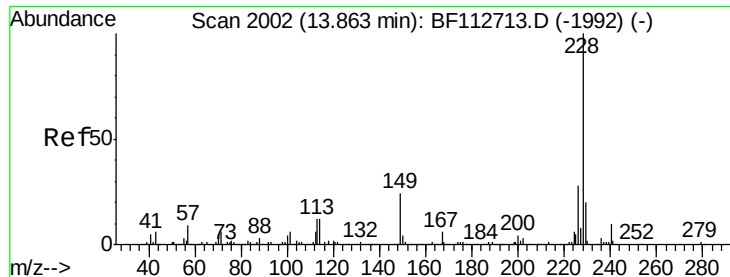


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 0.040 ng

RT: 13.87 min Scan# 2004

Delta R.T. 0.01 min

Lab File: BF112769.D

Acq: 28 Feb 2019 19:02

Instrument :

BNA_F

ClientSampleId :

B-3(9-10)

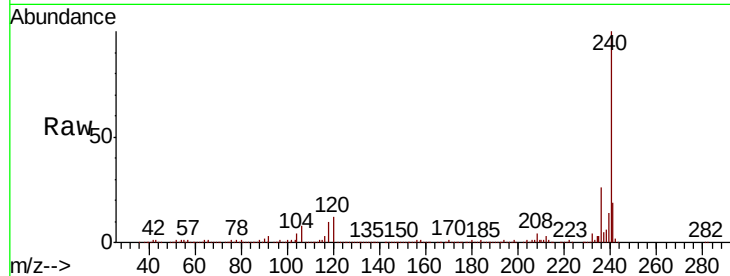
Tgt Ion:228 Resp: 1271

Ion Ratio Lower Upper

228 100

226 0.0 22.2 33.4#

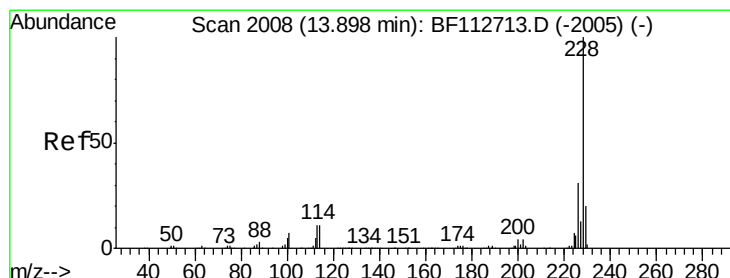
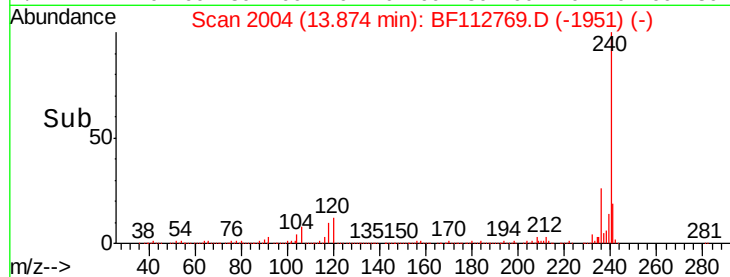
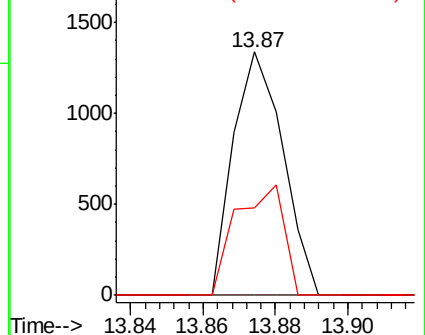
229 36.0 16.0 24.0#



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



#83

Chrysene

Concen: 0.040 ng

RT: 13.87 min Scan# 2004

Delta R.T. -0.02 min

Lab File: BF112769.D

Acq: 28 Feb 2019 19:02

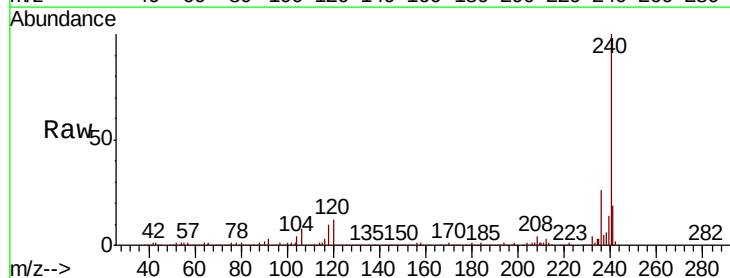
Tgt Ion:228 Resp: 1271

Ion Ratio Lower Upper

228 100

226 0.0 24.9 37.3#

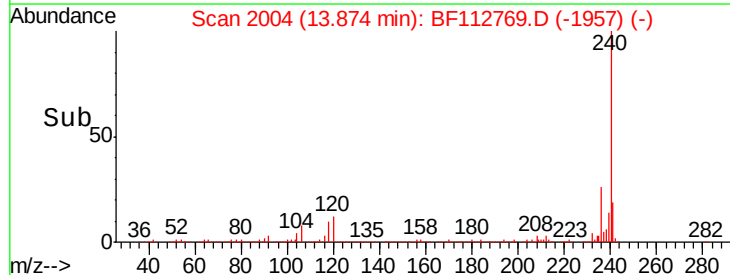
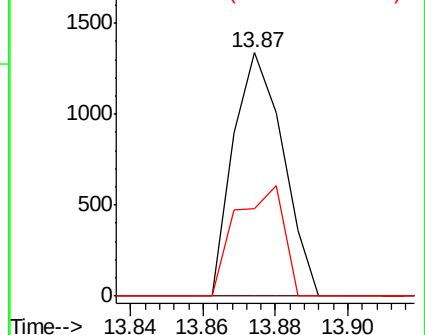
229 36.0 16.3 24.5#

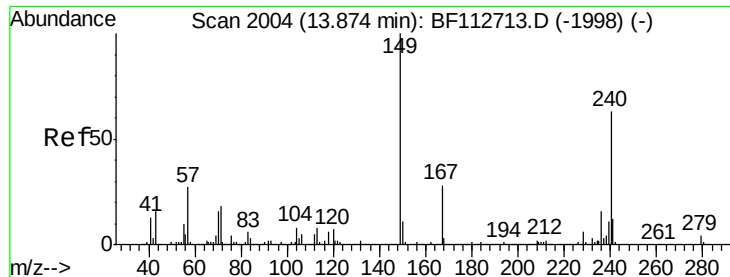


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 0.153 ng

RT: 13.87 min Scan# 2004

Delta R.T. 0.00 min

Lab File: BF112769.D

Acq: 28 Feb 2019 19:02

Instrument :

BNA_F

ClientSampleId :

B-3(9-10)

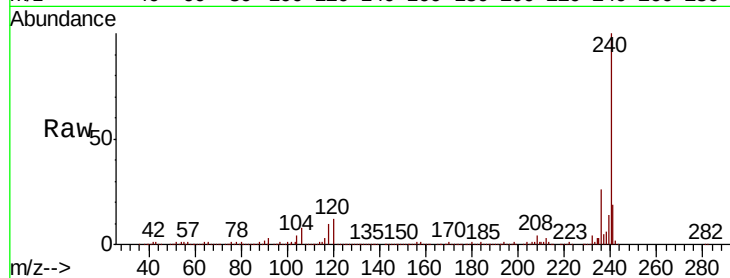
Tgt Ion:149 Resp: 3099

Ion Ratio Lower Upper

149 100

167 39.6 22.4 33.6#

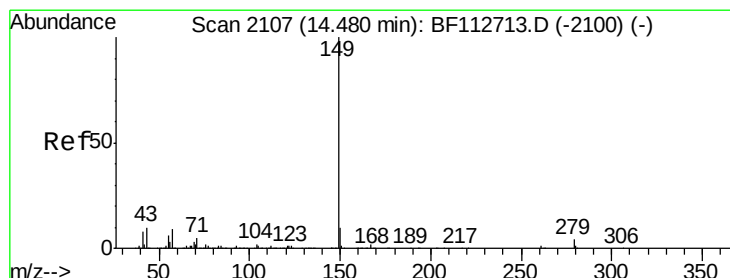
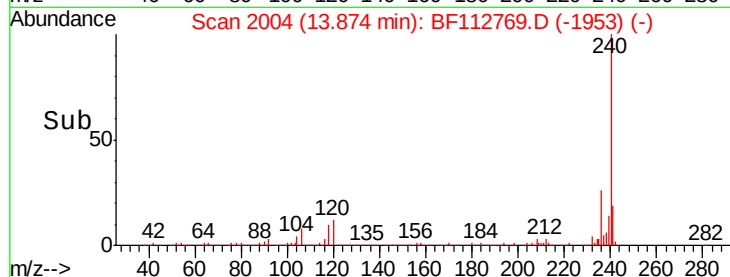
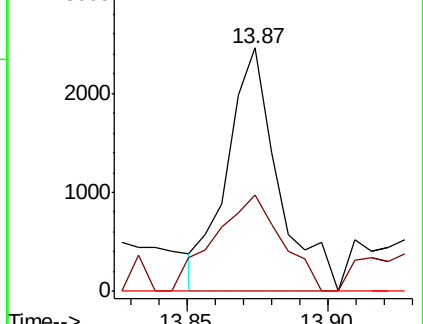
279 0.0 3.3 4.9#



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: 0.006 ng

RT: 14.49 min Scan# 2109

Delta R.T. 0.01 min

Lab File: BF112769.D

Acq: 28 Feb 2019 19:02

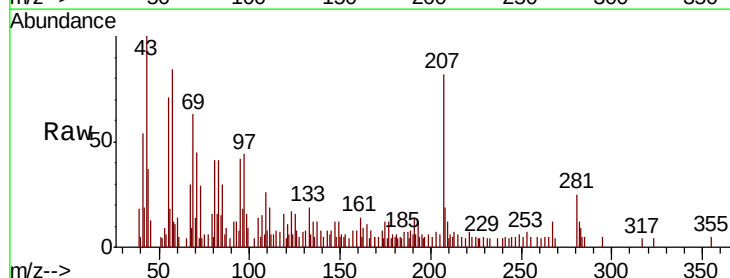
Tgt Ion:149 Resp: 192

Ion Ratio Lower Upper

149 100

167 99.0 1.2 1.8#

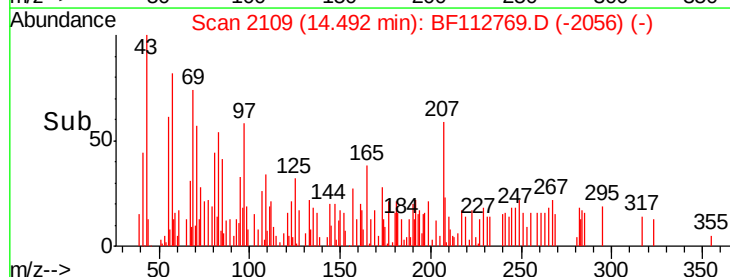
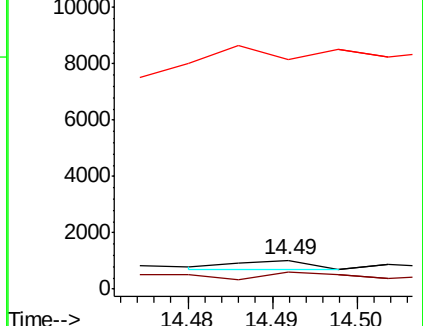
43 1750.5 9.0 13.4#

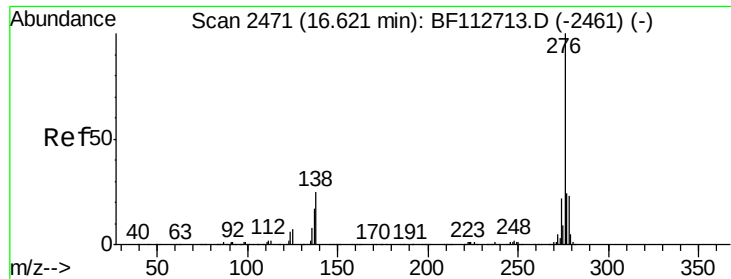


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.008 ng

RT: 16.64 min Scan# 2475

Delta R.T. 0.02 min

Lab File: BF112769.D

Acq: 28 Feb 2019 19:02

Instrument :

BNA_F

ClientSampleId :

B-3(9-10)

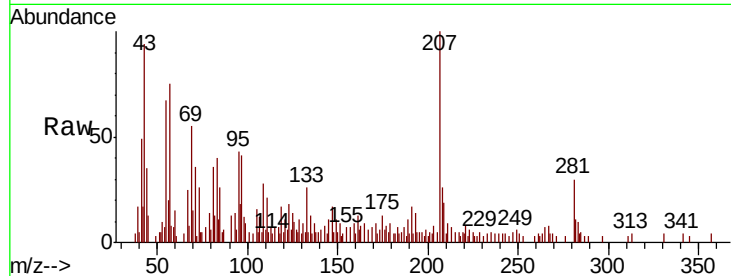
Tgt Ion:276 Resp: 216

Ion Ratio Lower Upper

276 100

138 0.0 23.2 34.8#

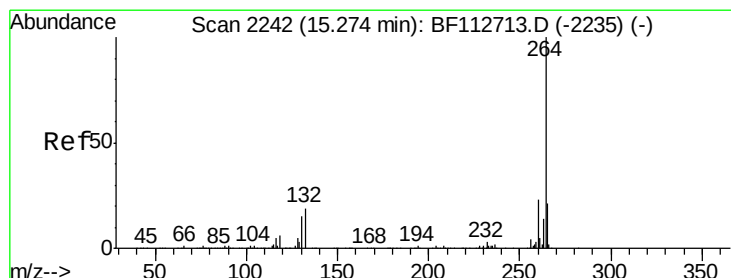
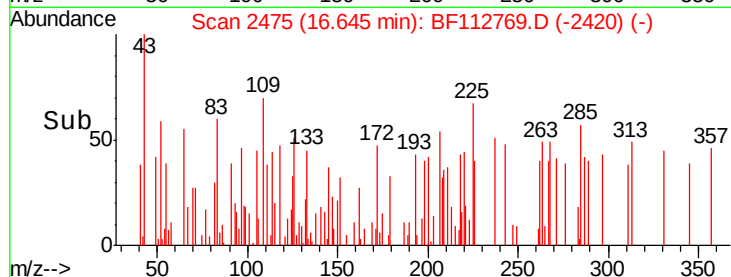
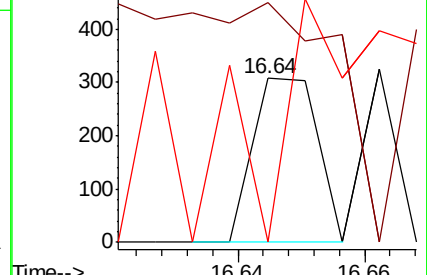
277 355.1 19.9 29.9#



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: BF112769.D

Acq: 28 Feb 2019 19:02

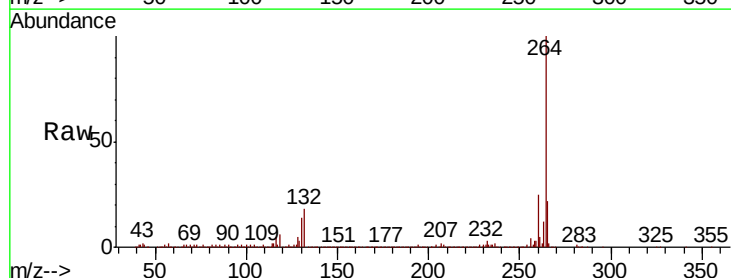
Tgt Ion:264 Resp: 477888

Ion Ratio Lower Upper

264 100

260 24.6 18.7 28.1

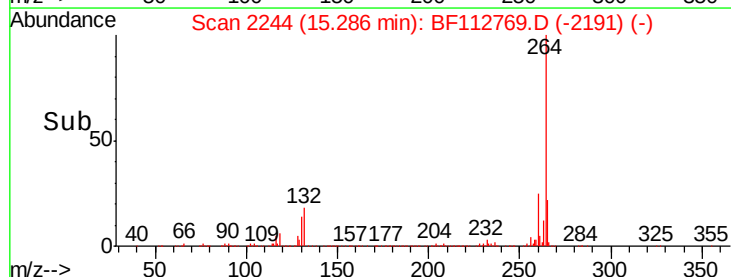
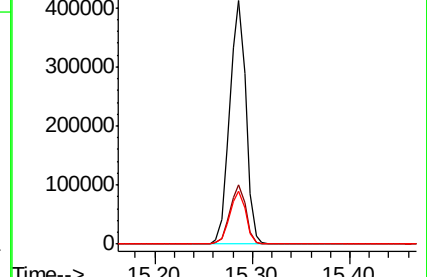
265 21.6 17.2 25.8

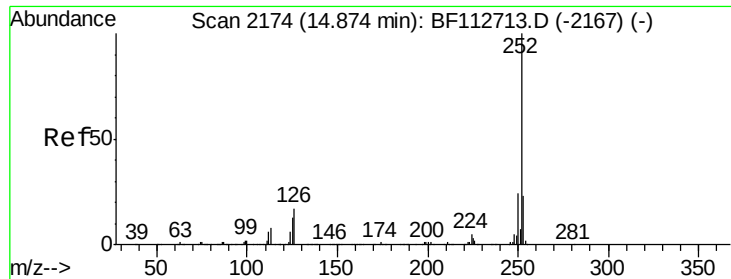


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

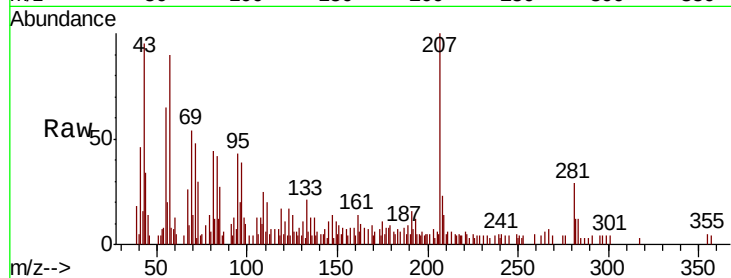




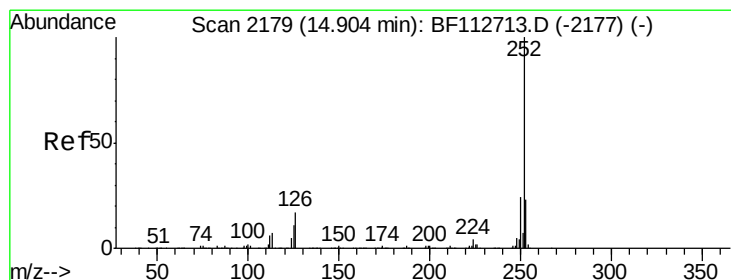
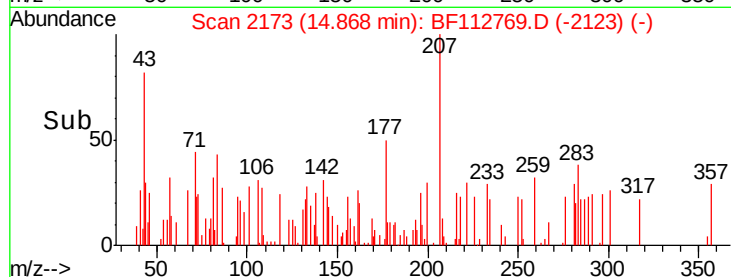
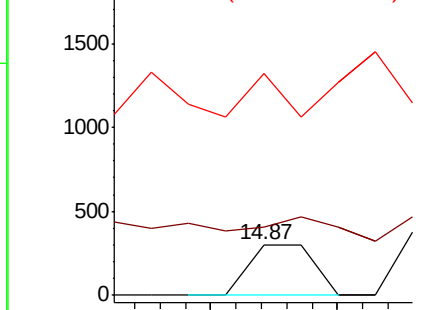
#88
Benzo(b)fluoranthene
Concen: 0.007 ng
RT: 14.87 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BF112769.D
Acq: 28 Feb 2019 19:02

Instrument :
BNA_F
ClientSampleId :
B-3(9-10)

Tgt Ion:252 Resp: 213
Ion Ratio Lower Upper
252 100
253 134.7 18.0 27.0#
125 436.0 10.2 15.2#

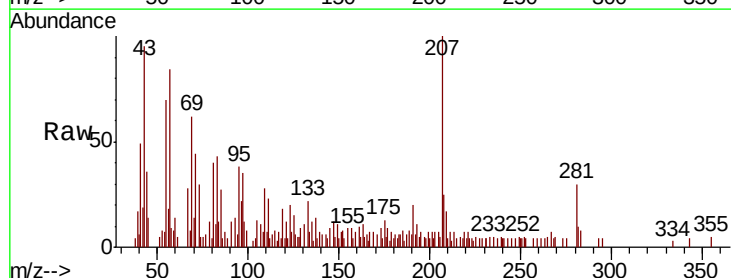


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

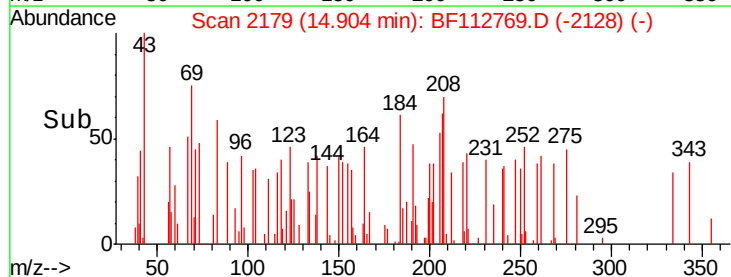
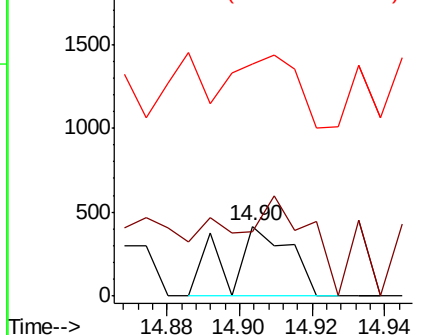


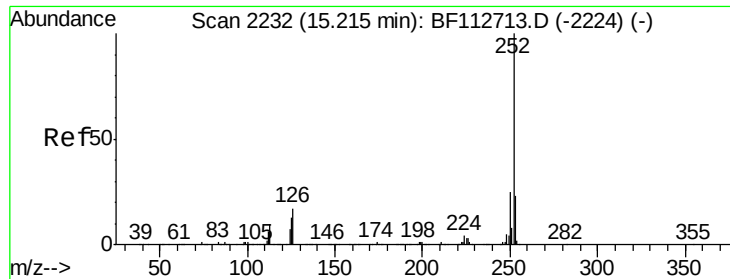
#89
Benzo(k)fluoranthene
Concen: 0.018 ng
RT: 14.90 min Scan# 2179
Delta R.T. -0.00 min
Lab File: BF112769.D
Acq: 28 Feb 2019 19:02

Tgt Ion:252 Resp: 491
Ion Ratio Lower Upper
252 100
253 91.8 18.2 27.2#
125 333.8 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: 0.008 ng

RT: 15.23 min Scan# 2234

Delta R.T. 0.01 min

Lab File: BF112769.D

Acq: 28 Feb 2019 19:02

Instrument :

BNA_F

ClientSampleId :

B-3(9-10)

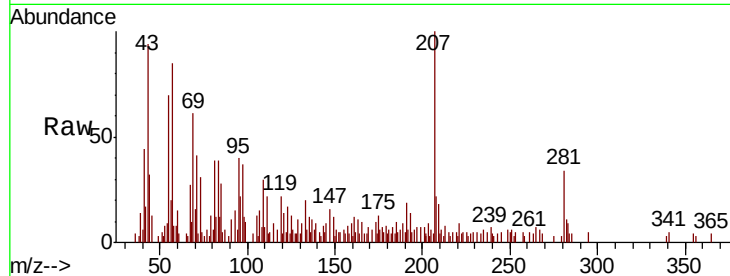
Tgt Ion:252 Resp: 216

Ion Ratio Lower Upper

252 100

253 156.8 18.0 27.0#

125 413.0 10.7 16.1#

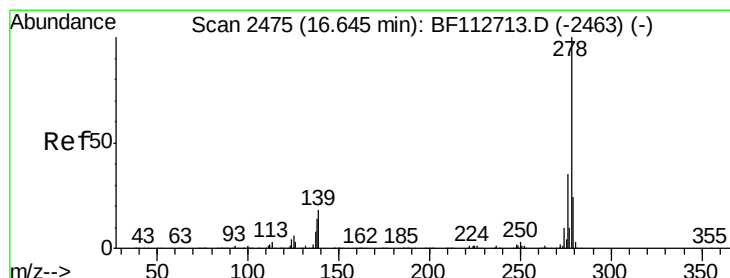
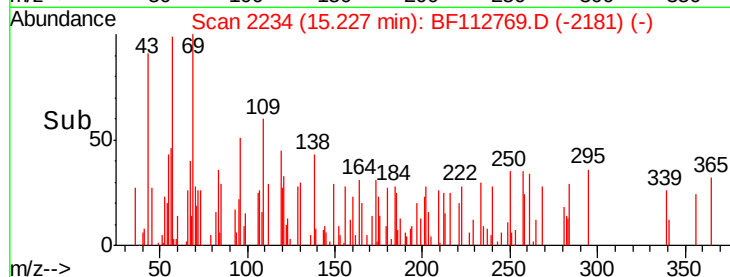
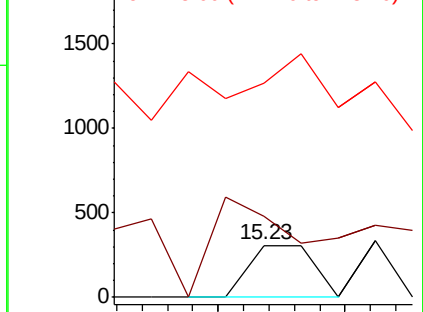


Abundance

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: 0.005 ng

RT: 16.62 min Scan# 2470

Delta R.T. -0.03 min

Lab File: BF112769.D

Acq: 28 Feb 2019 19:02

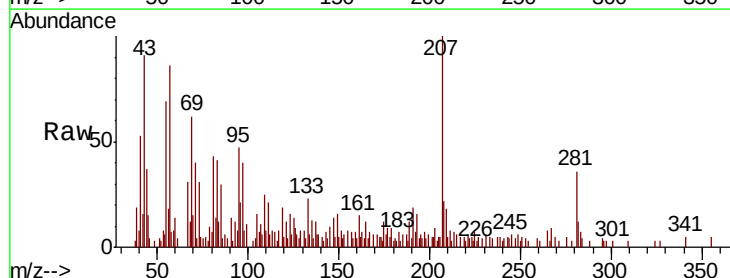
Tgt Ion:278 Resp: 110

Ion Ratio Lower Upper

278 100

139 185.3 14.3 21.5#

279 0.0 19.4 29.0#

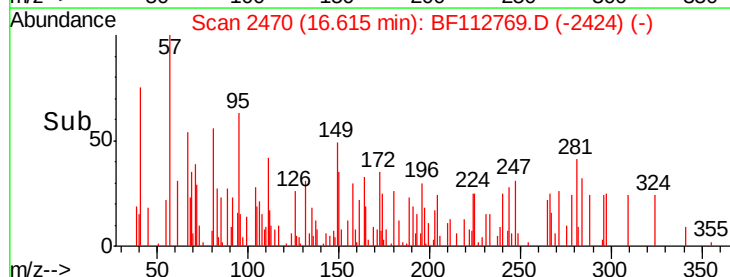
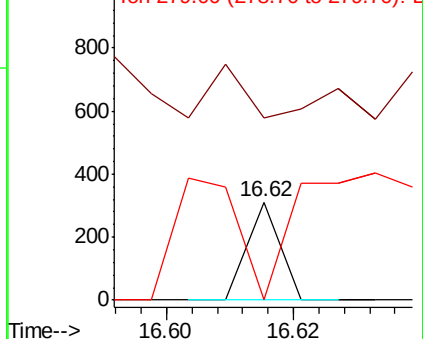


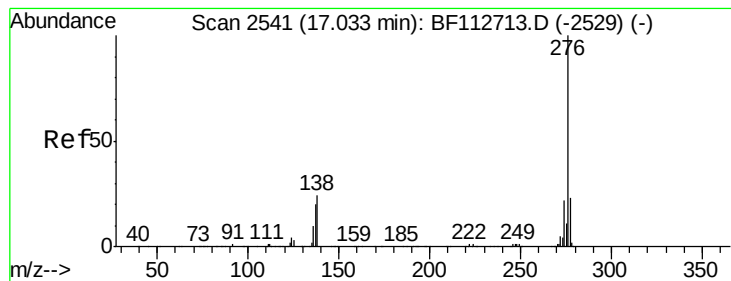
Abundance

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: 0.010 ng

RT: 17.06 min Scan# 2545

Delta R.T. 0.02 min

Lab File: BF112769.D

Acq: 28 Feb 2019 19:02

Instrument :

BNA_F

ClientSampleId :

B-3(9-10)

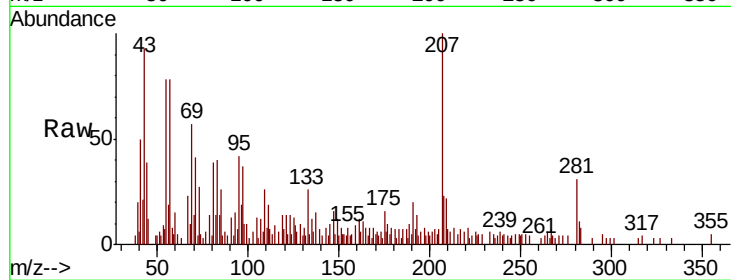
Tgt Ion: 276 Resp: 240

Ion Ratio Lower Upper

276 100

277 0.0 18.6 27.8#

138 0.0 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

