

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF022819\
 Data File : BF112773.D
 Acq On : 28 Feb 2019 20:51
 Operator : JU/SJ
 Sample : K1650-13
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-6(9-10)

Quant Time: Mar 01 04:52:27 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	186459	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	716079	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	336109	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	633897	20.00	ng	0.00
76) Chrysene-d12	13.87	240	424946	20.00	ng	0.00
87) Perylene-d12	15.28	264	439573	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	1271409	106.07	ng	0.01
7) Phenol-d6	6.38	99	1616725	107.37	ng	0.01
23) Nitrobenzene-d5	7.30	82	1003168	83.83	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	431043	120.80	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1726934	88.76	ng	0.00
79) Terphenyl-d14	12.83	244	1614578	73.65	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.43	88	131	0.022	ng	# 79
4) n-Nitrosodimethylamine	3.04	42	1537	0.219	ng	# 1
6) Aniline	6.39	93	859	0.041	ng	# 1
8) 2-Chlorophenol	6.53	128	410	0.031	ng	# 1
9) Benzaldehyde	6.38	77	2510	0.231	ng	# 1
10) Phenol	6.39	94	34462	1.961	ng	90
11) bis(2-Chloroethyl)ether	6.52	93	1954	0.145	ng	# 1
15) Benzyl Alcohol	6.90	79	17091	1.489	ng	# 49
16) 2,2'-oxybis(1-Chloropropan	7.09	45	107	0.005	ng	71
19) n-Nitroso-di-n-propylamine	7.30	70	133886	14.040	ng	# 75
22) Acetophenone	7.15	105	602	0.036	ng	# 22
24) Nitrobenzene	7.30	77	3045	0.229	ng	# 37
25) Isophorone	7.30	82	990075	38.403	ng	# 66
31) Naphthalene	8.05	128	514	0.014	ng	# 68
38) 1-Methylnaphthalene	9.10	142	834	0.038	ng	# 53
46) 1,1'-Biphenyl	9.20	154	3396	0.124	ng	95
47) 2-Chloronaphthalene	9.49	162	914	0.043	ng	# 1
48) 2-Nitroaniline	9.23	65	107	0.016	ng	# 4
50) Dimethylphthalate	9.49	163	143171	5.777	ng	100
51) 2,6-Dinitrotoluene	9.49	165	1558	0.302	ng	# 19
52) Acenaphthene	9.77	154	1203	0.057	ng	# 5
55) Dibenzofuran	9.97	168	282	0.009	ng	# 44
57) 2,4-Dinitrotoluene	9.77	165	42515	6.627	ng	# 18
58) Fluorene	10.56	166	17721	0.808	ng	# 86
60) Diethylphthalate	10.19	149	1260	0.048	ng	# 88
63) Azobenzene	10.48	77	438	0.016	ng	# 1
65) 4,6-Dinitro-2-methylphenol	10.56	198	839	4.904	ng	# 1
66) n-Nitrosodiphenylamine	10.56	169	12229	0.602	ng	# 45
67) 4-Bromophenyl-phenylether	10.56	248	24862	3.724	ng	# 1
71) Phenanthrene	11.27	178	839	0.027	ng	# 59
72) Anthracene	11.27	178	839	0.025	ng	# 59
73) Carbazole	11.46	167	115	0.004	ng	# 59
74) Di-n-butylphthalate	11.82	149	8665	0.224	ng	# 93
75) Fluoranthene	12.46	202	505	0.015	ng	62

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

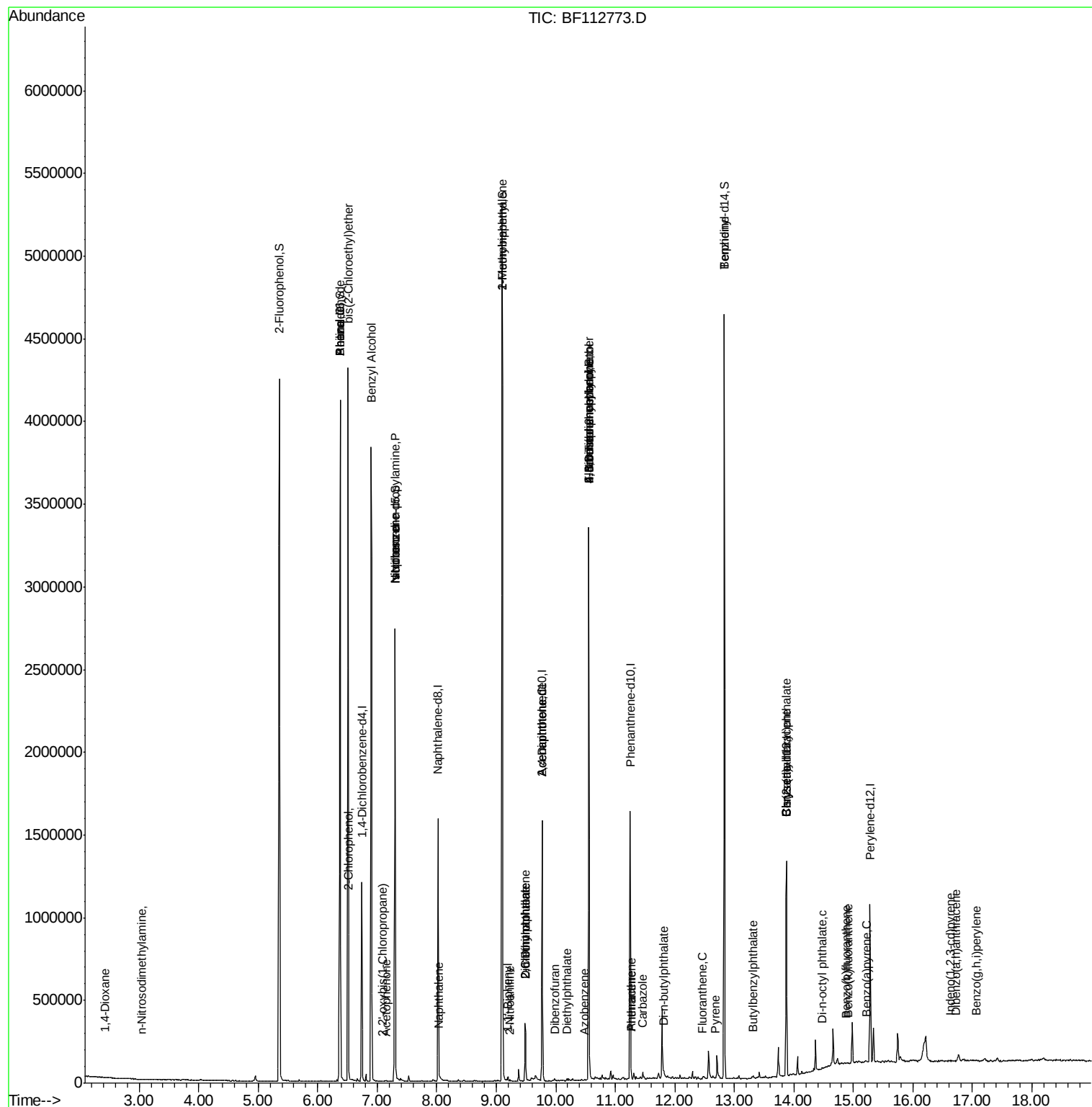
77) Benzidine	12.83	184	19779	0.897	ng	# 96
78) Pyrene	12.68	202	309	0.009	ng	# 57
80) Butylbenzylphthalate	13.30	149	123	0.008	ng	# 57
81) Benzo(a)anthracene	13.87	228	1444	0.049	ng	# 44
83) Chrysene	13.87	228	1444	0.050	ng	# 43
84) Bis(2-ethylhexyl)phthalate	13.87	149	3723	0.201	ng	# 81
85) Di-n-octyl phthalate	14.48	149	179	0.006	ng	# 1
86) Indeno(1,2,3-cd)pyrene	16.63	276	110	0.004	ng	# 3
88) Benzo(b)fluoranthene	14.88	252	344	0.012	ng	# 1
89) Benzo(k)fluoranthene	14.91	252	341	0.013	ng	# 1
90) Benzo(a)pyrene	15.22	252	226	0.009	ng	# 1
91) Dibenzo(a,h)anthracene	16.72	278	114	0.005	ng	# 1
92) Benzo(g,h,i)perylene	17.06	276	119	0.006	ng	# 52

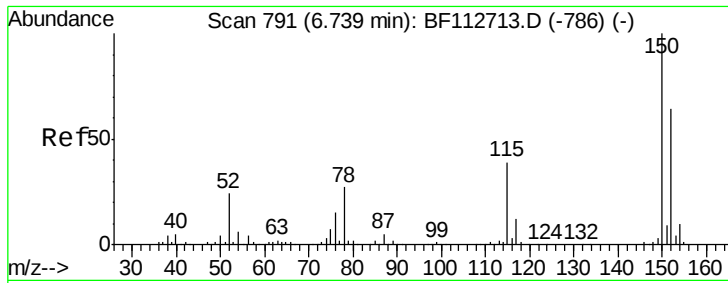
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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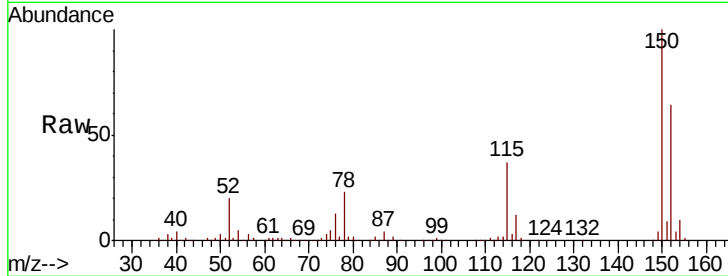


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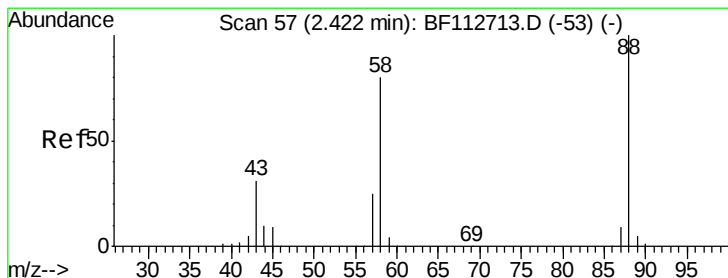
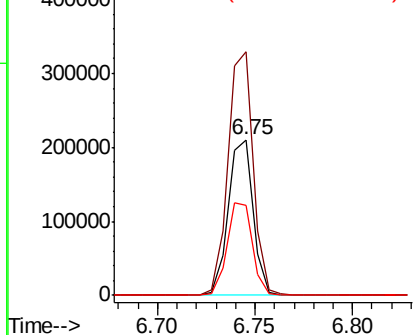
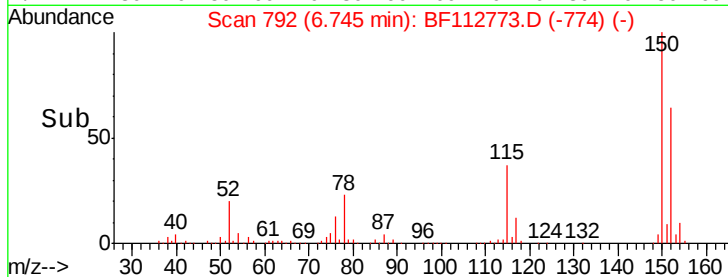
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. 0.01 min
Lab File: BF112773.D
Acq: 28 Feb 2019 20:51

Instrument :
BNA_F
ClientSampleId :
B-6(9-10)

Tgt Ion:152 Resp: 186459
Ion Ratio Lower Upper
152 100
150 156.4 124.2 186.2
115 57.6 48.2 72.4



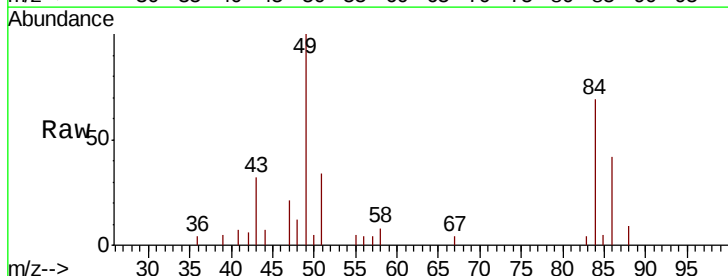
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



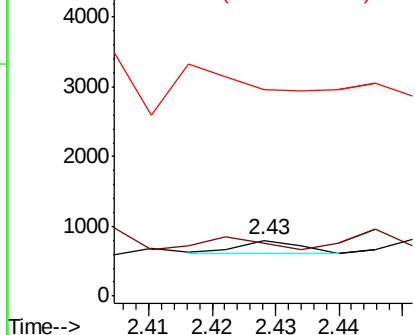
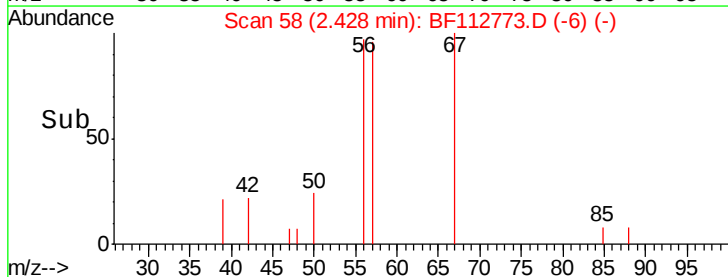
#2

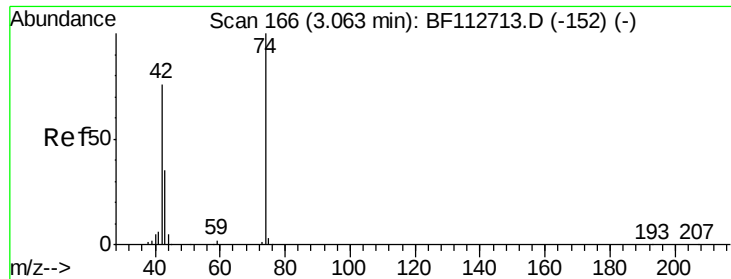
1,4-Dioxane
Concen: 0.022 ng
RT: 2.43 min Scan# 58
Delta R.T. 0.01 min
Lab File: BF112773.D
Acq: 28 Feb 2019 20:51

Tgt Ion: 88 Resp: 131
Ion Ratio Lower Upper
88 100
58 71.8 63.1 94.7
43 0.0 24.3 36.5#



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1



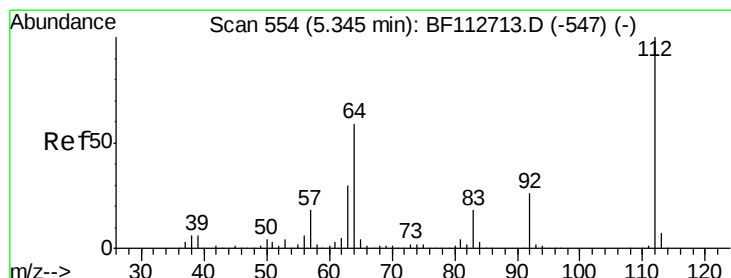
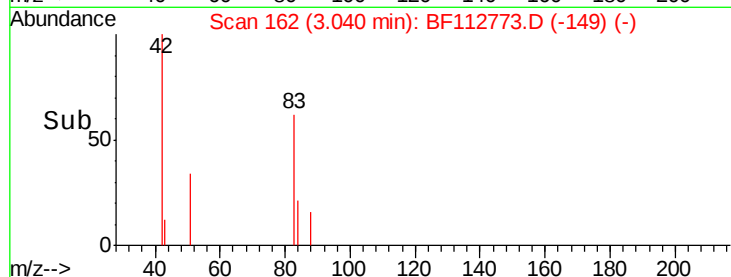
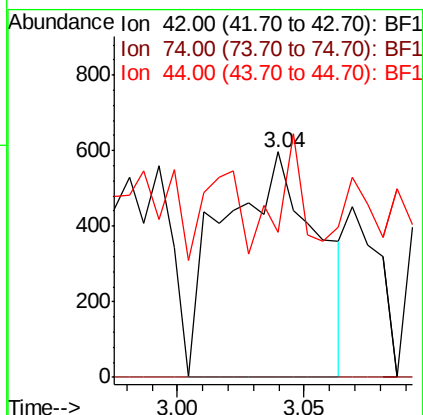
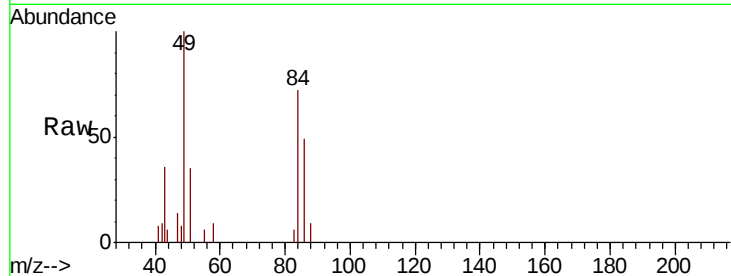


#4

n-Nitrosodimethylamine
 Concen: 0.219 ng
 RT: 3.04 min Scan# 162
 Delta R.T. -0.02 min
 Lab File: BF112773.D
 Acq: 28 Feb 2019 20:51

Instrument :
 BNA_F
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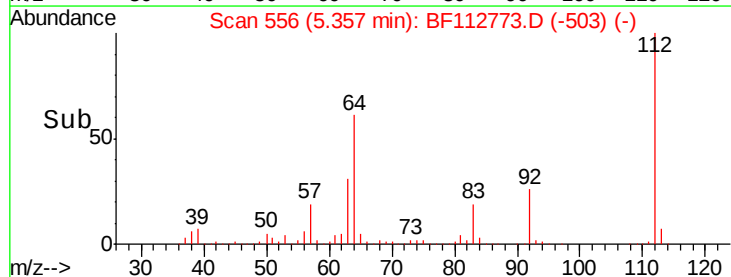
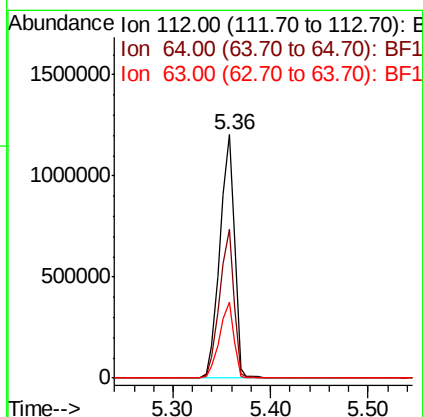
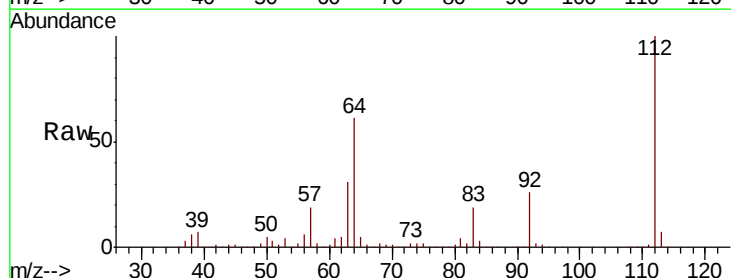
Tgt Ion: 42 Resp: 1537
 Ion Ratio Lower Upper
 42 100
 74 0.0 105.8 158.8#
 44 64.6 6.2 9.2#

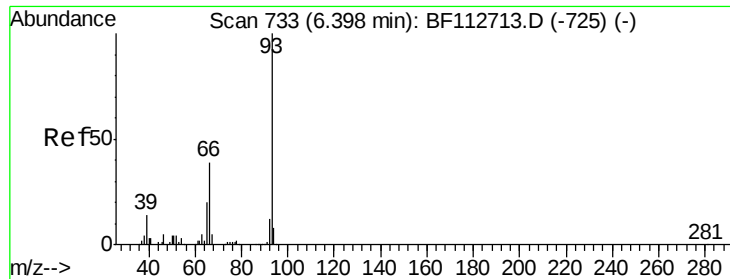


#5

2-Fluorophenol
 Concen: 106.068 ng
 RT: 5.36 min Scan# 556
 Delta R.T. 0.01 min
 Lab File: BF112773.D
 Acq: 28 Feb 2019 20:51

Tgt Ion: 112 Resp: 1271409
 Ion Ratio Lower Upper
 112 100
 64 61.1 47.6 71.4
 63 31.2 24.4 36.6





#6

Aniline

Concen: 0.041 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF112773.D

Acq: 28 Feb 2019 20:51

Instrument :

BNA_F

ClientSampleId :

B-6(9-10)

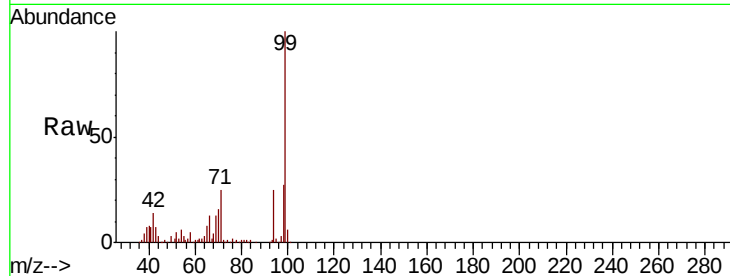
Tgt Ion: 93 Resp: 859

Ion Ratio Lower Upper

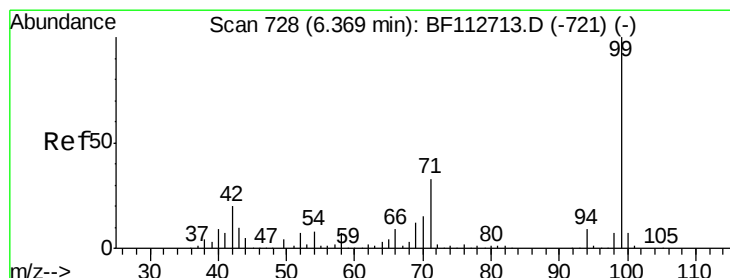
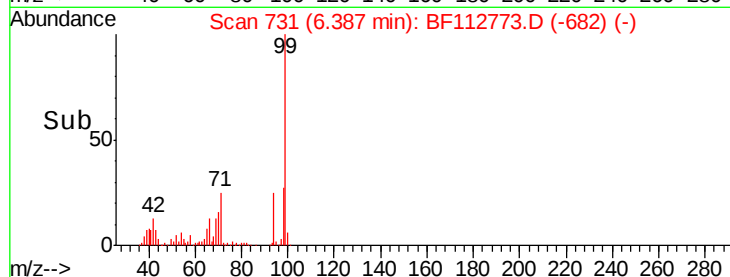
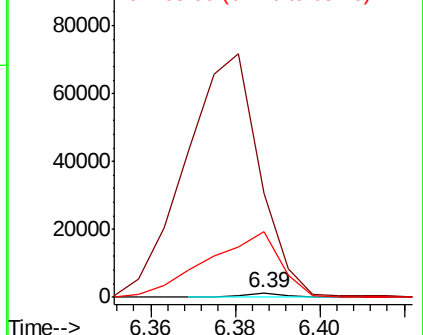
93 100

66 2174.0 32.2 48.2#

65 1358.2 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: 107.371 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF112773.D

Acq: 28 Feb 2019 20:51

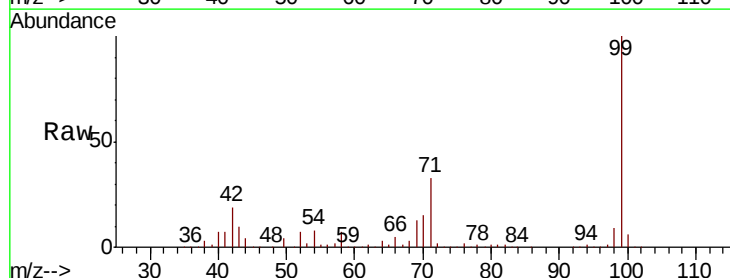
Tgt Ion: 99 Resp: 1616725

Ion Ratio Lower Upper

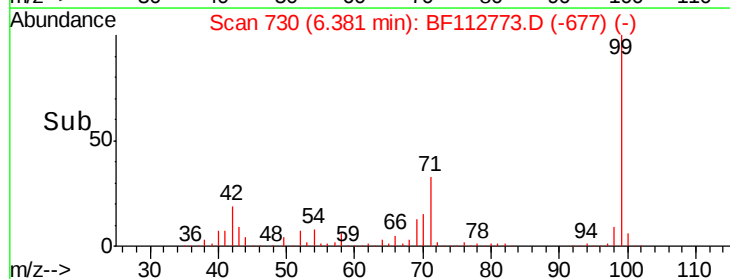
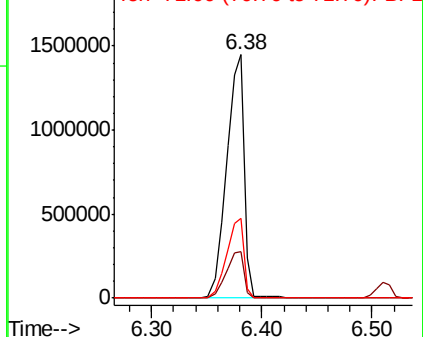
99 100

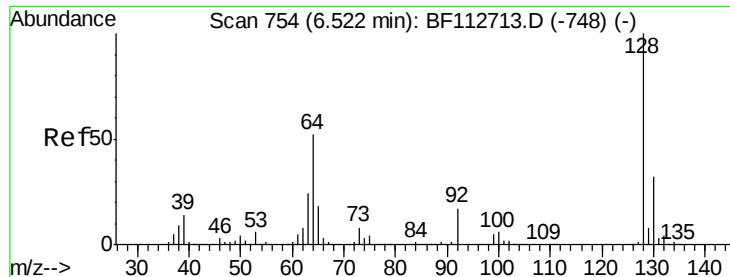
42 18.9 16.3 24.5

71 32.8 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: 0.031 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF112773.D

Acq: 28 Feb 2019 20:51

Instrument :

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ClientSampleId :

B-6(9-10)

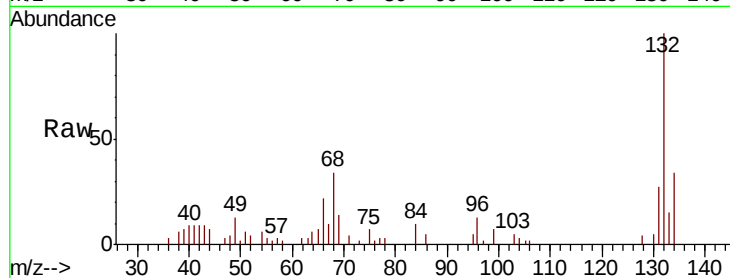
Tgt Ion:128 Resp: 410

Ion Ratio Lower Upper

128 100

130 101.3 12.4 52.4#

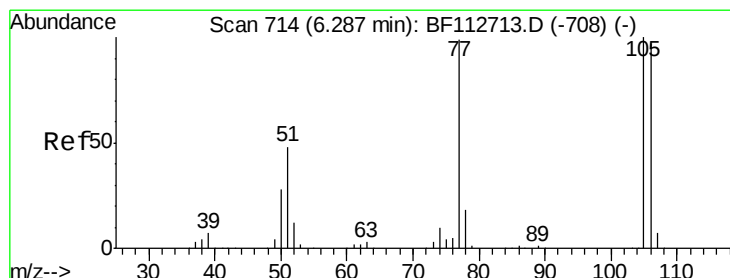
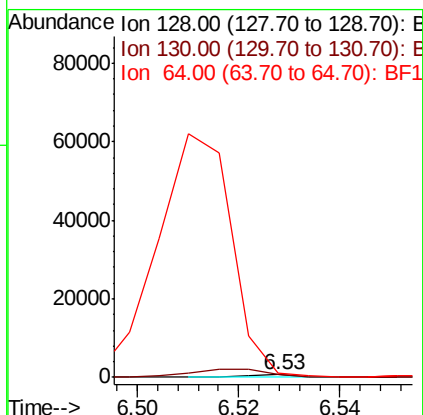
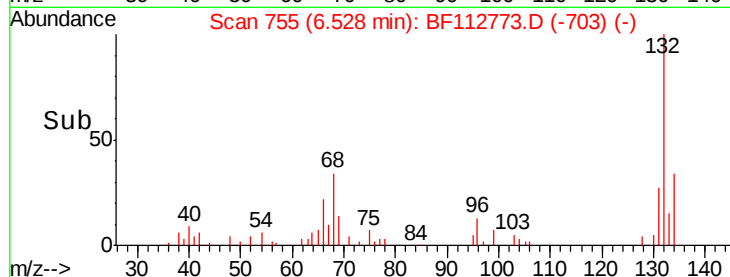
64 143.2 32.2 72.2#



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: 0.231 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.09 min

Lab File: BF112773.D

Acq: 28 Feb 2019 20:51

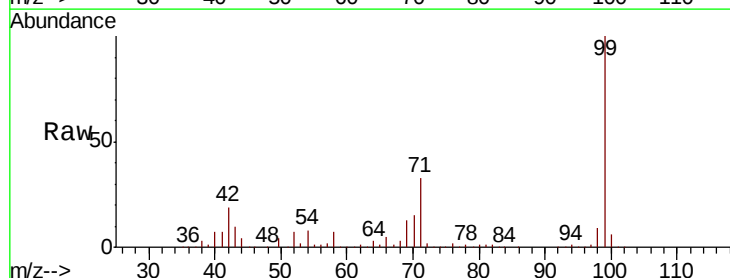
Tgt Ion: 77 Resp: 2510

Ion Ratio Lower Upper

77 100

105 0.0 81.4 121.4#

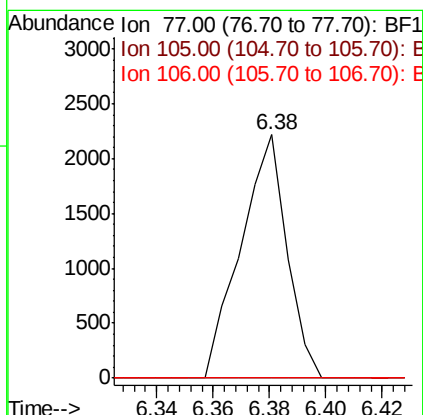
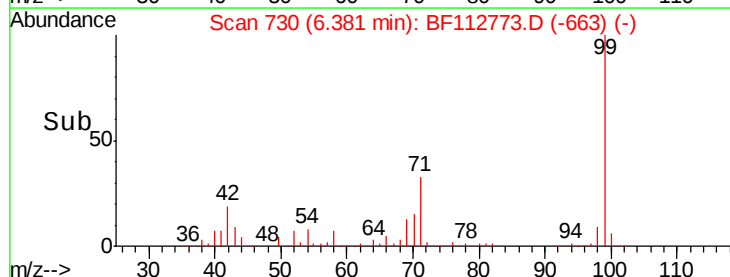
106 0.0 78.3 118.3#

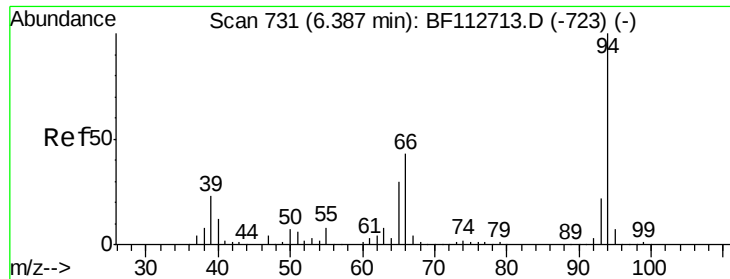


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

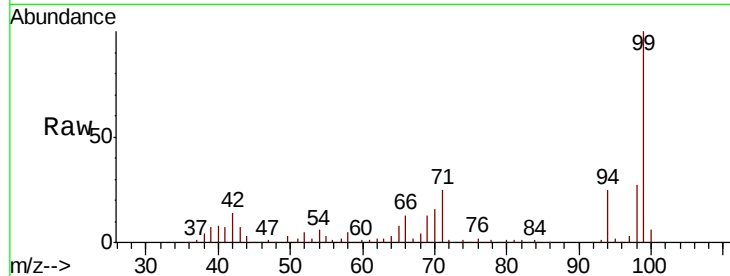




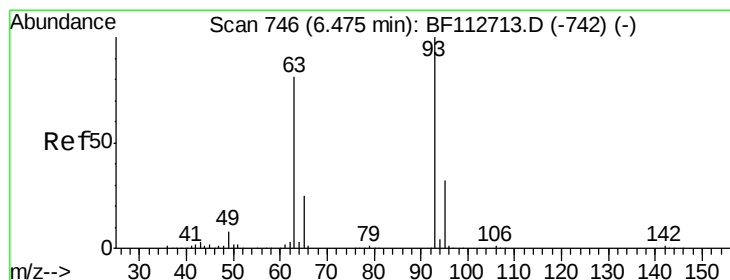
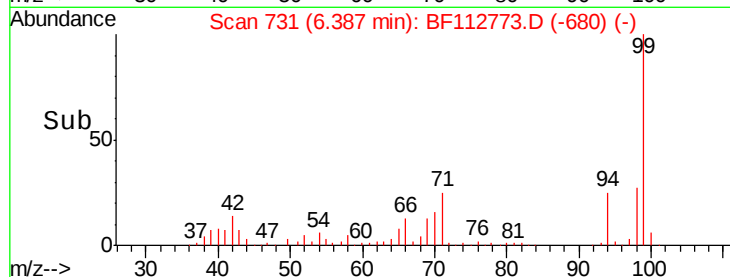
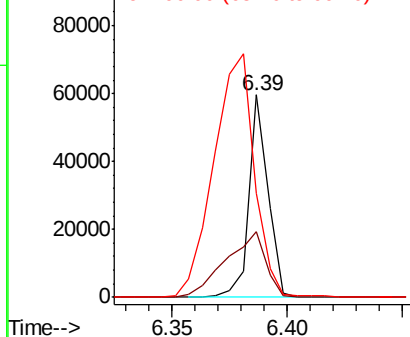
#10
Phenol
Concen: 1.961 ng
RT: 6.39 min Scan# 731
Delta R.T. 0.00 min
Lab File: BF112773.D
Acq: 28 Feb 2019 20:51

Instrument :
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Tgt Ion: 94 Resp: 34462
Ion Ratio Lower Upper
94 100
65 32.3 10.5 50.5
66 51.6 22.6 62.6

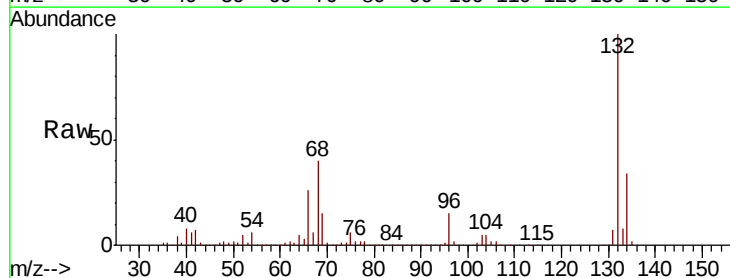


Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

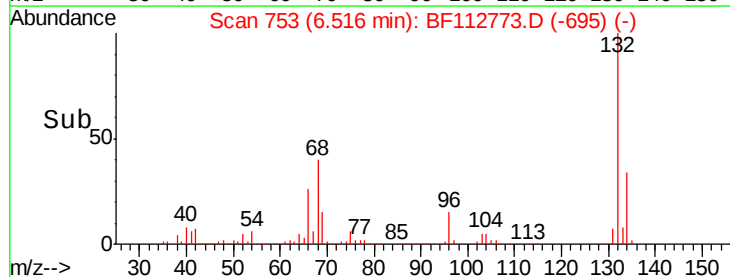
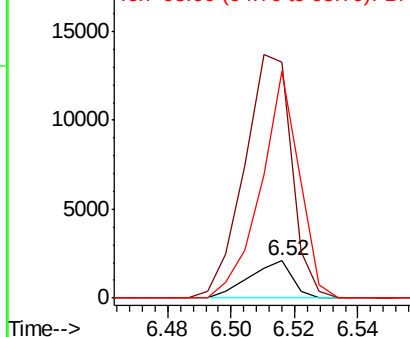


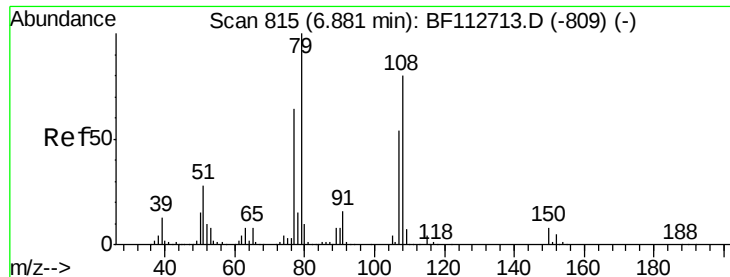
#11
bis(2-Chloroethyl)ether
Concen: 0.145 ng
RT: 6.52 min Scan# 753
Delta R.T. 0.04 min
Lab File: BF112773.D
Acq: 28 Feb 2019 20:51

Tgt Ion: 93 Resp: 1954
Ion Ratio Lower Upper
93 100
63 636.3 60.5 100.5#
95 612.7 12.1 52.1#



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





#15

Benzyl Alcohol

Concen: 1.489 ng

RT: 6.90 min Scan# 818

Delta R.T. 0.02 min

Lab File: BF112773.D

Acq: 28 Feb 2019 20:51

Instrument :

BNA_F

ClientSampleId :

B-6(9-10)

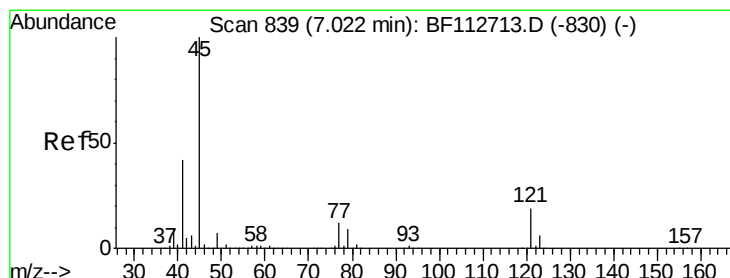
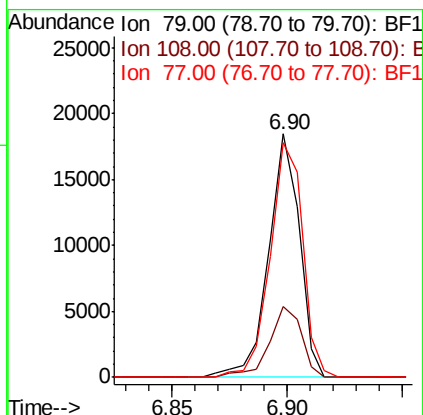
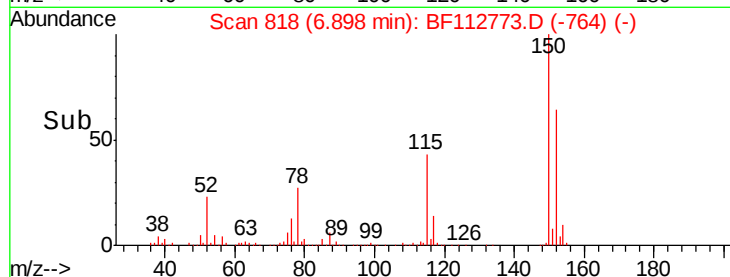
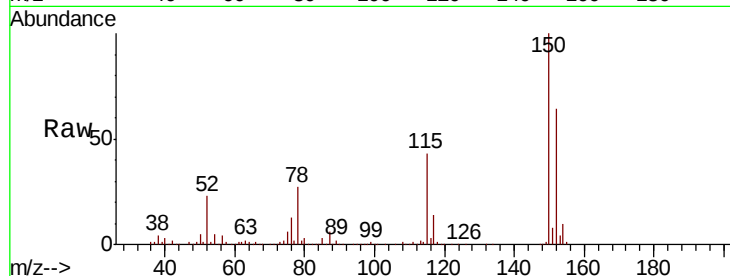
Tgt Ion: 79 Resp: 17091

Ion Ratio Lower Upper

79 100

108 29.1 64.2 96.4#

77 96.1 51.1 76.7#



#16

2,2'-oxybis(1-chloropropane)

Concen: 0.005 ng

RT: 7.09 min Scan# 850

Delta R.T. 0.06 min

Lab File: BF112773.D

Acq: 28 Feb 2019 20:51

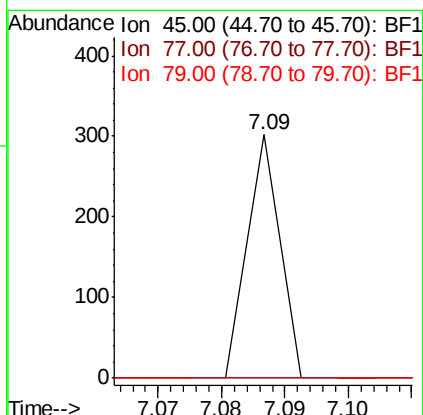
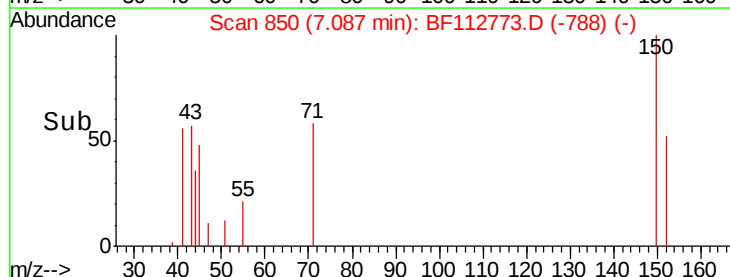
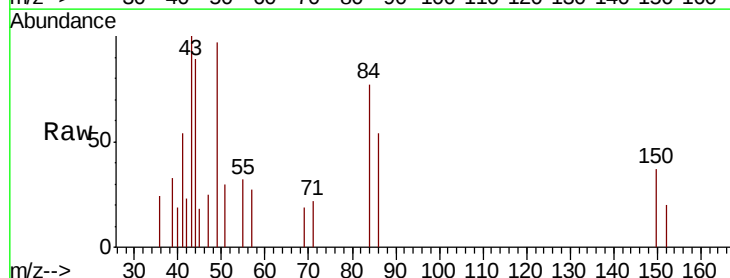
Tgt Ion: 45 Resp: 107

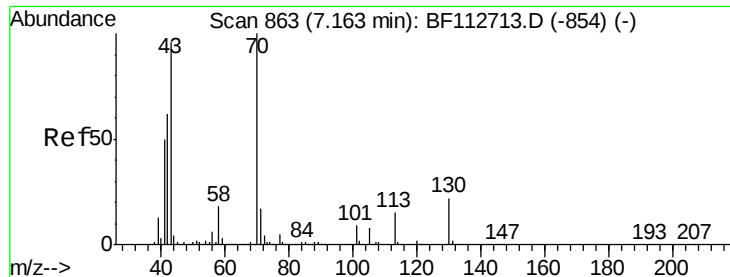
Ion Ratio Lower Upper

45 100

77 0.0 0.0 32.1

79 0.0 0.0 29.4

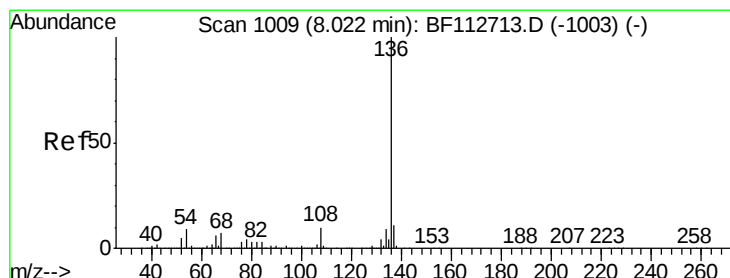
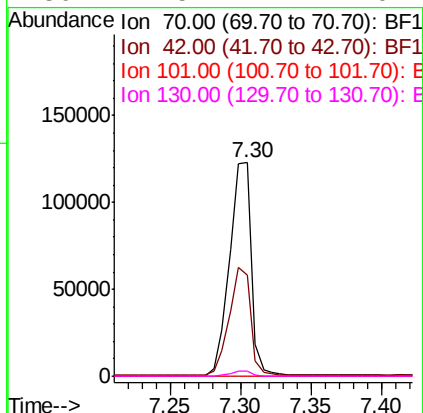
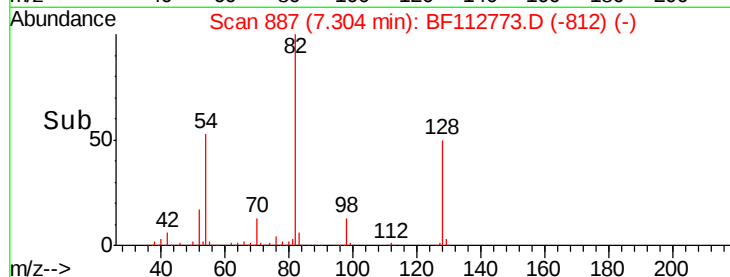
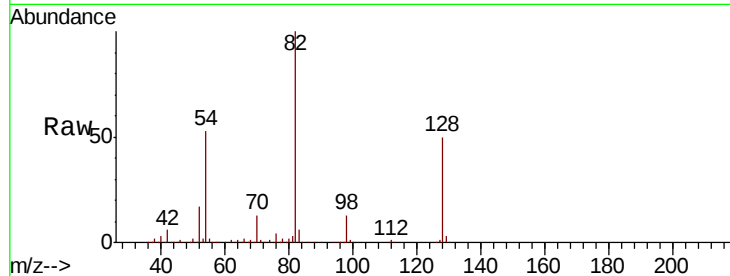




#19
n-Nitroso-di-n-propylamine
Concen: 14.040 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.14 min
Lab File: BF112773.D
Acq: 28 Feb 2019 20:51

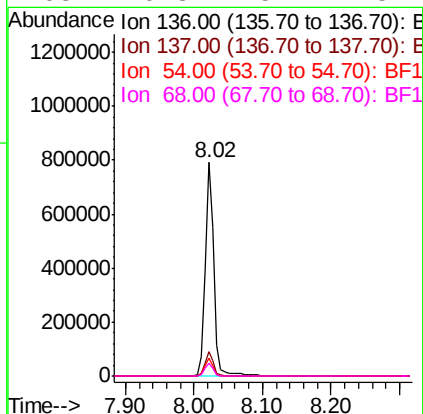
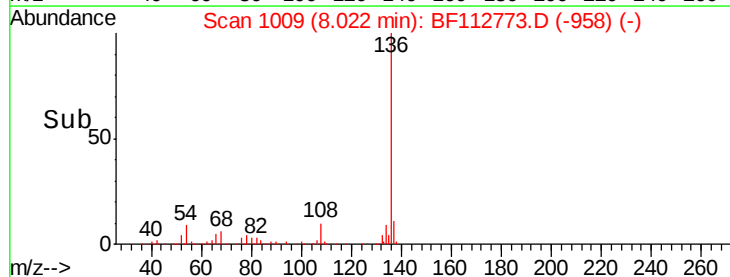
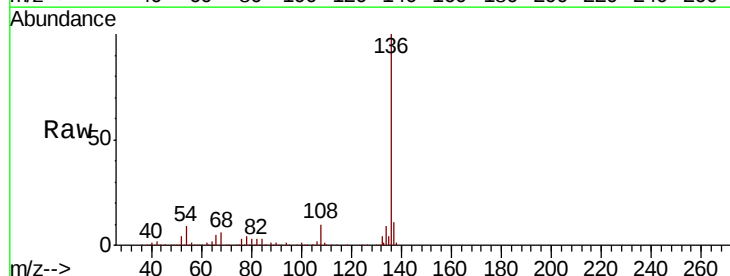
Instrument :
BNA_F
ClientSampleId :
B-6(9-10)

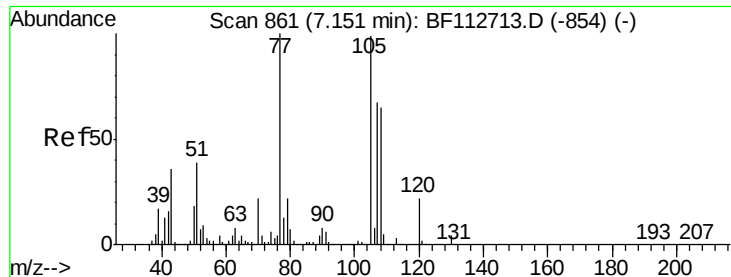
Tgt Ion: 70 Resp: 133886
Ion Ratio Lower Upper
70 100
42 47.6 49.9 74.9#
101 0.0 7.4 11.2#
130 2.5 17.4 26.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BF112773.D
Acq: 28 Feb 2019 20:51

Tgt Ion: 136 Resp: 716079
Ion Ratio Lower Upper
136 100
137 11.5 8.9 13.3
54 8.6 7.3 10.9
68 6.3 5.4 8.2

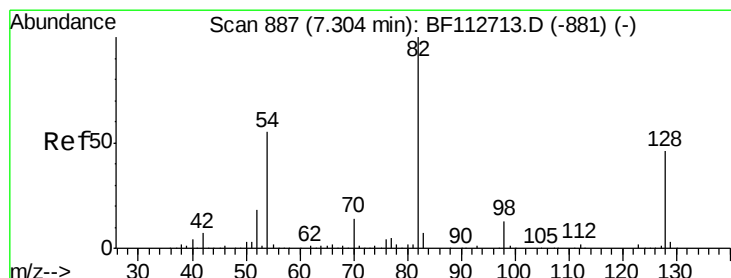
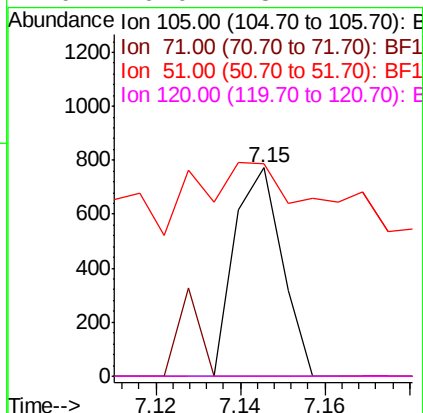
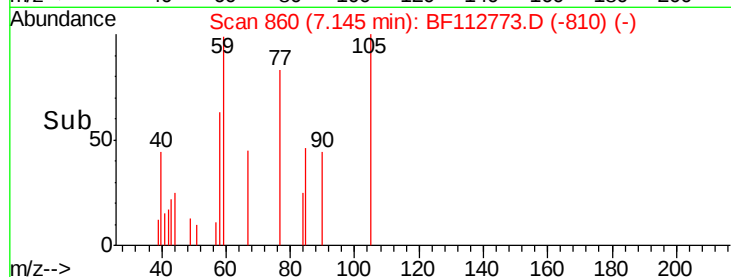
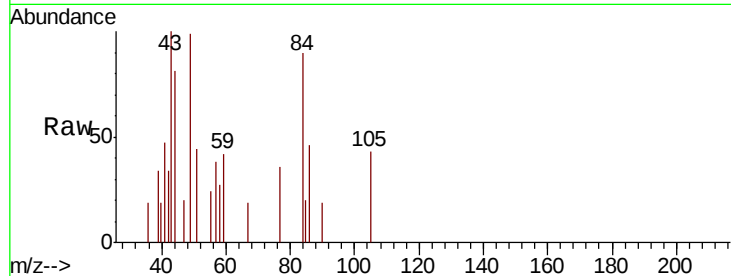




#22
Acetophenone
Concen: 0.036 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF112773.D
Acq: 28 Feb 2019 20:51

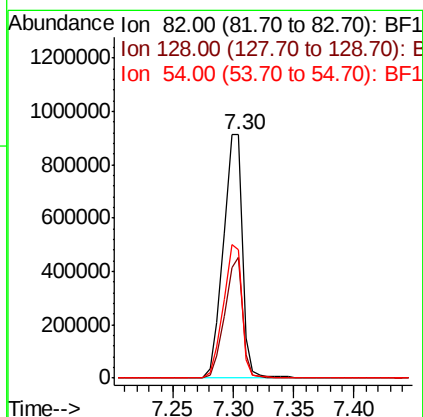
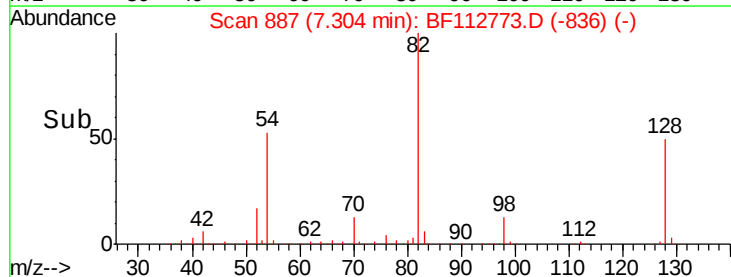
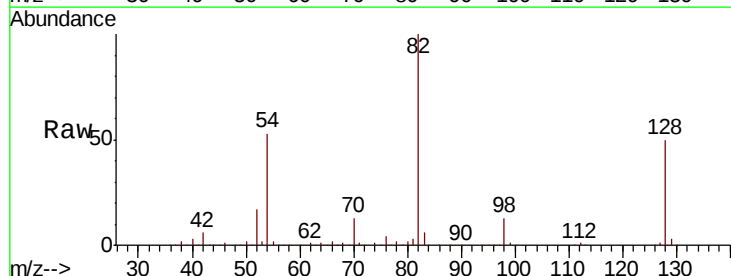
Instrument :
BNA_F
ClientSampleId :
B-6(9-10)

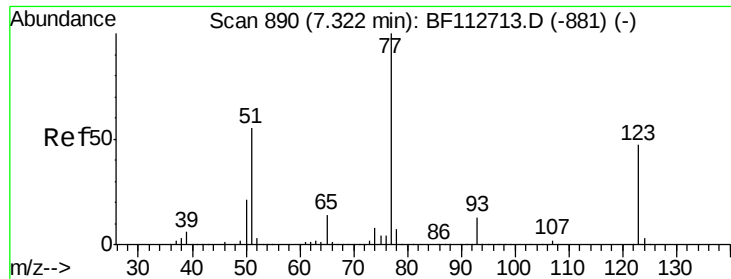
Tgt Ion: 105 Resp: 602
Ion Ratio Lower Upper
105 100
71 0.0 3.0 4.4#
51 102.1 31.5 47.3#
120 0.0 18.1 27.1#



#23
Nitrobenzene-d5
Concen: 83.828 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.00 min
Lab File: BF112773.D
Acq: 28 Feb 2019 20:51

Tgt Ion: 82 Resp: 1003168
Ion Ratio Lower Upper
82 100
128 49.7 36.3 54.5
54 52.8 43.7 65.5





#24

Nitrobenzene

Concen: 0.229 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.02 min

Lab File: BF112773.D

Acq: 28 Feb 2019 20:51

Instrument :

BNA_F

ClientSampleId :

B-6(9-10)

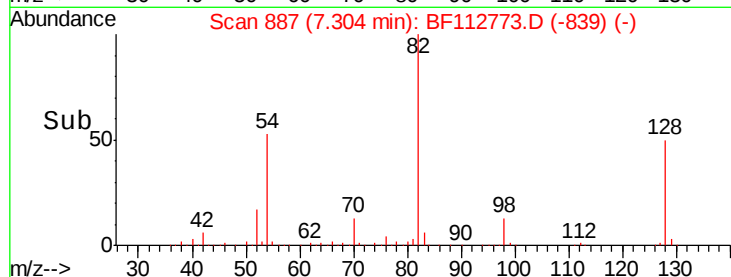
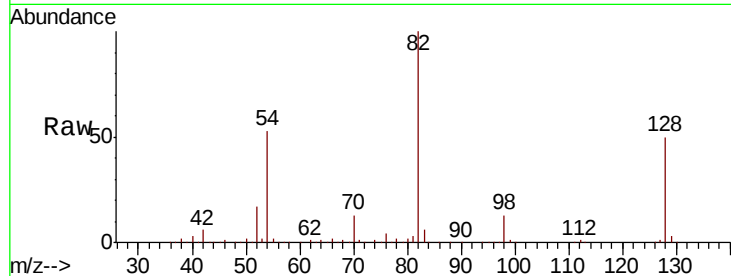
Tgt Ion: 77 Resp: 3045

Ion Ratio Lower Upper

77 100

123 0.0 37.8 56.6#

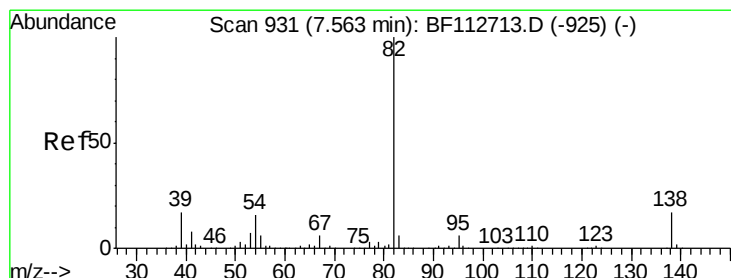
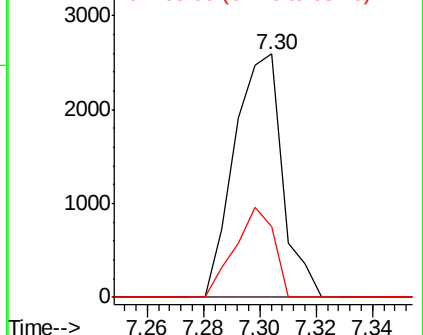
65 29.2 11.1 16.7#



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: 38.403 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.26 min

Lab File: BF112773.D

Acq: 28 Feb 2019 20:51

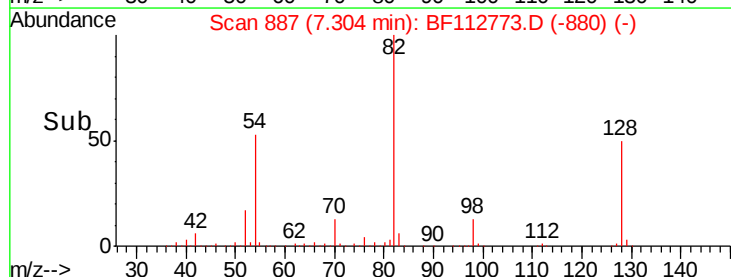
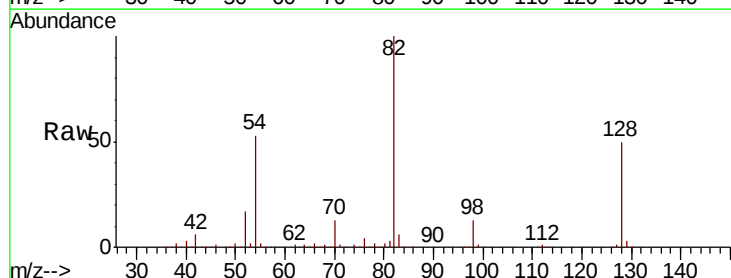
Tgt Ion: 82 Resp: 990075

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

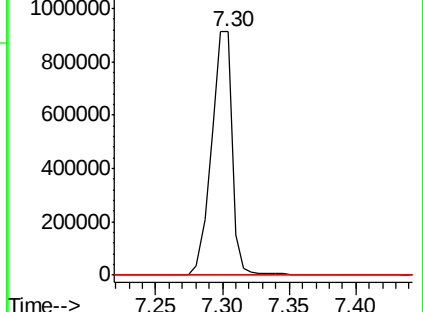
138 0.0 13.8 20.8#

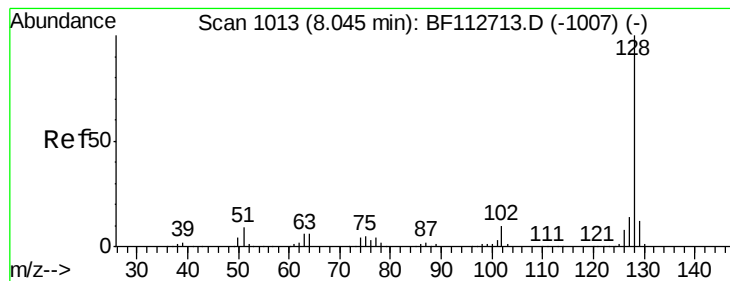


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1





#31

Naphthalene

Concen: 0.014 ng

RT: 8.05 min Scan# 1013

Delta R.T. 0.00 min

Lab File: BF112773.D

Acq: 28 Feb 2019 20:51

Instrument :

BNA_F

ClientSampleId :

B-6(9-10)

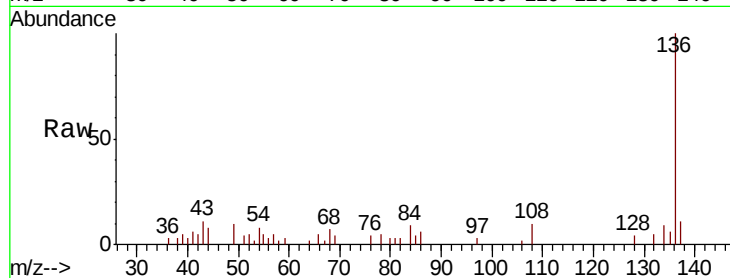
Tgt Ion:128 Resp: 514

Ion Ratio Lower Upper

128 100

129 0.0 9.3 13.9#

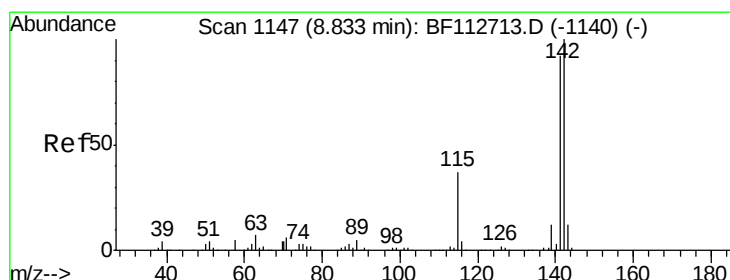
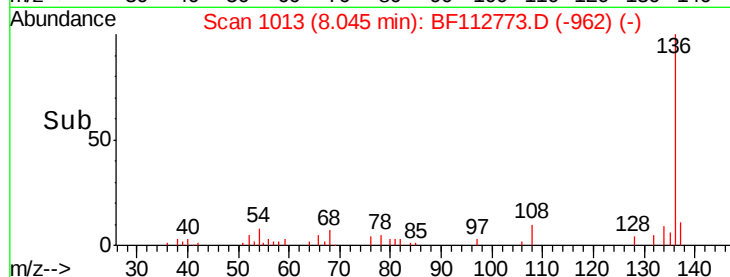
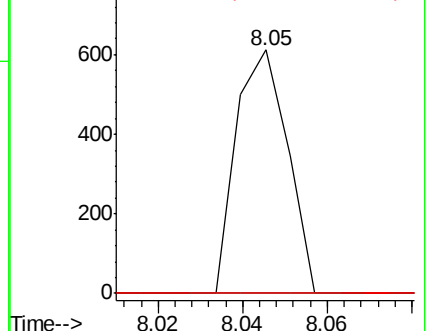
127 0.0 10.9 16.3#



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



#38

1-Methylnaphthalene

Concen: 0.038 ng

RT: 9.10 min Scan# 1192

Delta R.T. 0.26 min

Lab File: BF112773.D

Acq: 28 Feb 2019 20:51

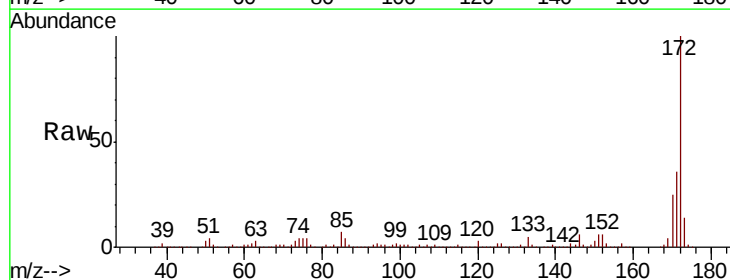
Tgt Ion:142 Resp: 834

Ion Ratio Lower Upper

142 100

141 76.3 73.7 110.5

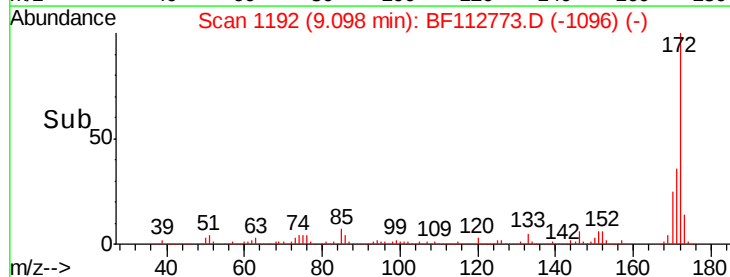
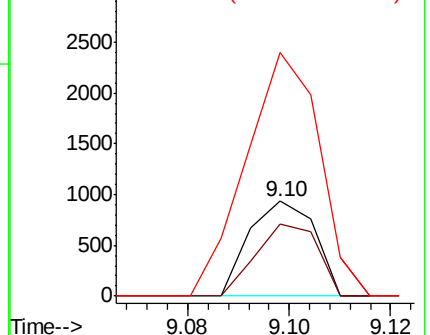
116 256.7 3.1 4.7#

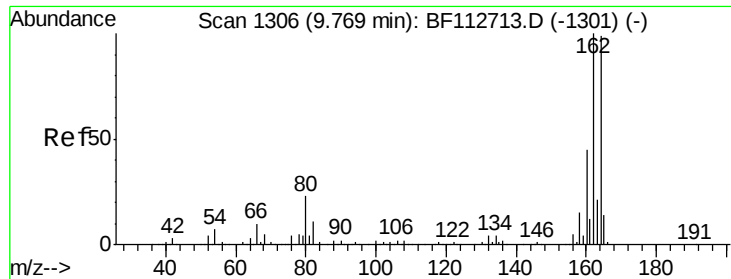


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

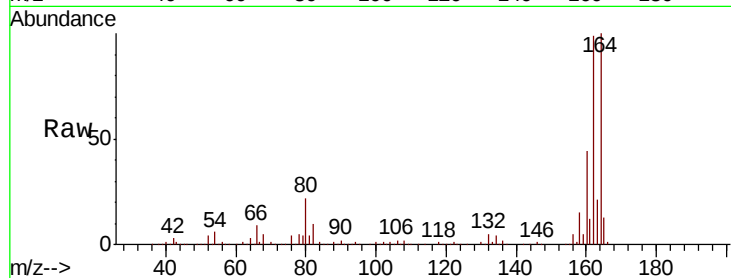




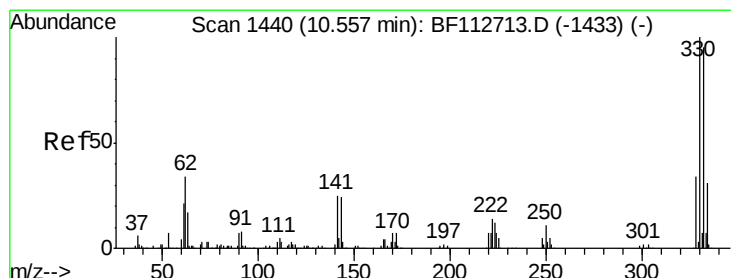
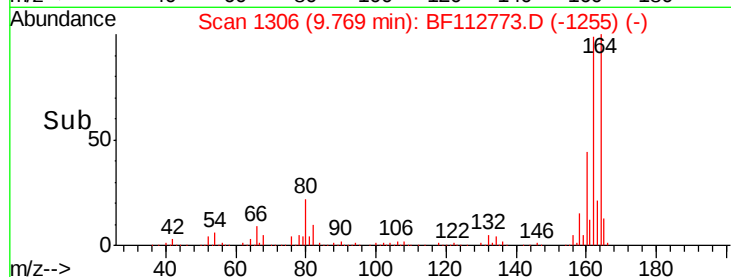
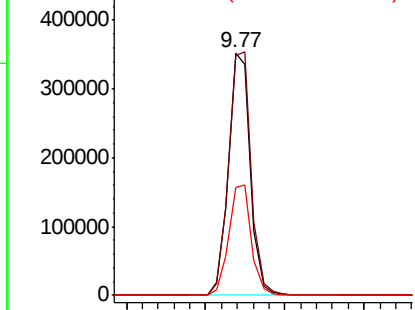
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. 0.00 min
 Lab File: BF112773.D
 Acq: 28 Feb 2019 20:51

Instrument :
 BNA_F
 ClientSampleId :
 B-6(9-10)

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.7	80.6	120.8
160	44.2	36.0	54.0

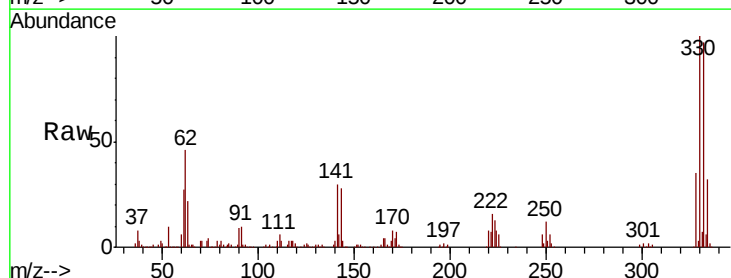


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

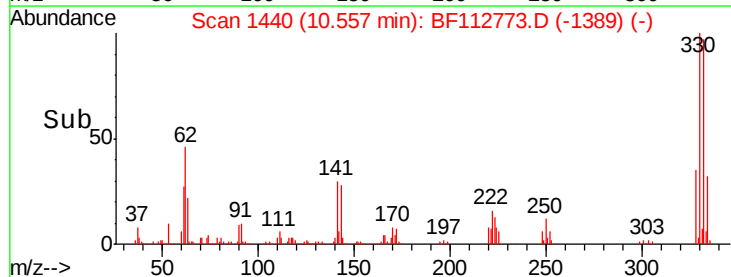
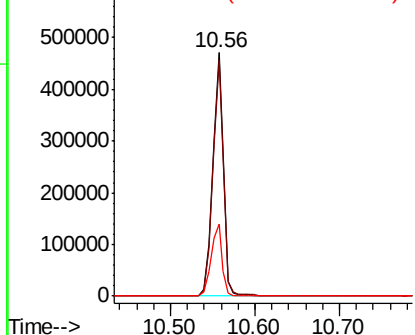


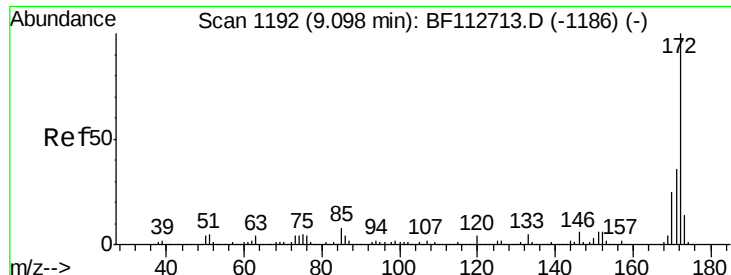
#42
 2,4,6-Tribromophenol
 Concen: 120.801 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: BF112773.D
 Acq: 28 Feb 2019 20:51

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.2	114.4
141	30.0	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

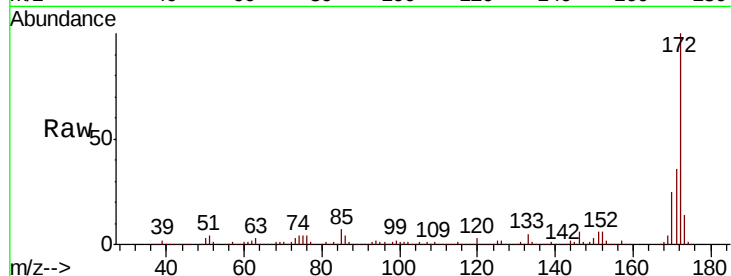




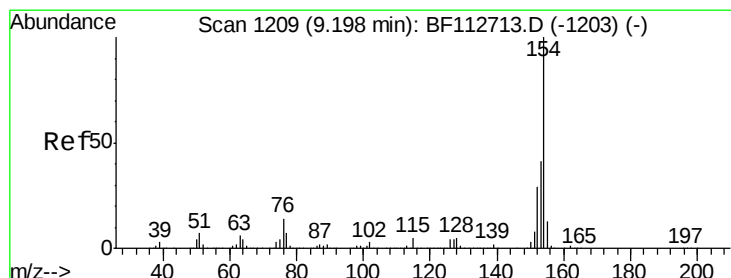
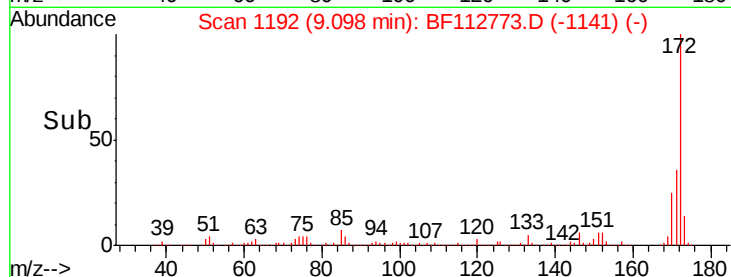
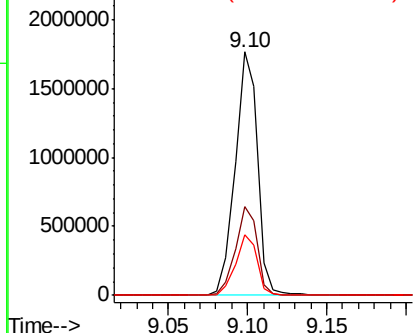
#45
 2-Fluorobiphenyl
 Concen: 88.758 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. 0.00 min
 Lab File: BF112773.D
 Acq: 28 Feb 2019 20:51

Instrument :
 BNA_F
 ClientSampleId :
 B-6(9-10)

Tgt Ion:172 Resp: 1726934
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.0 43.4
 170 24.8 20.0 30.0

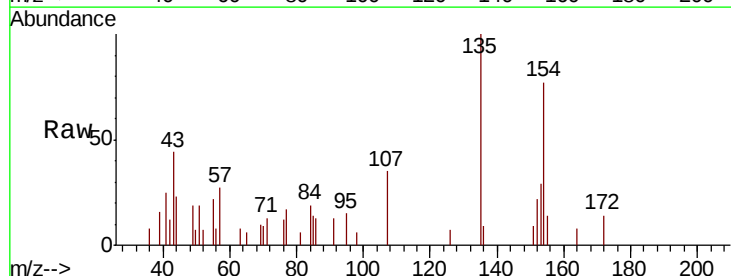


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

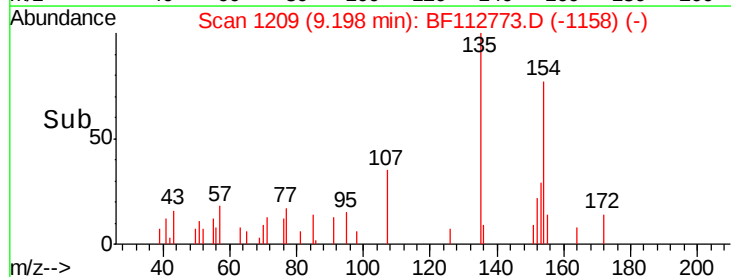
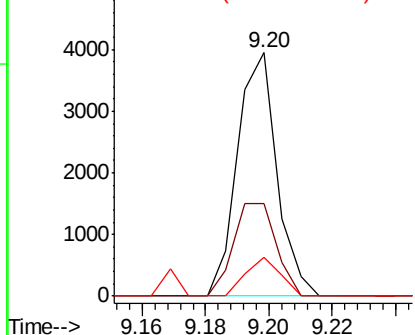


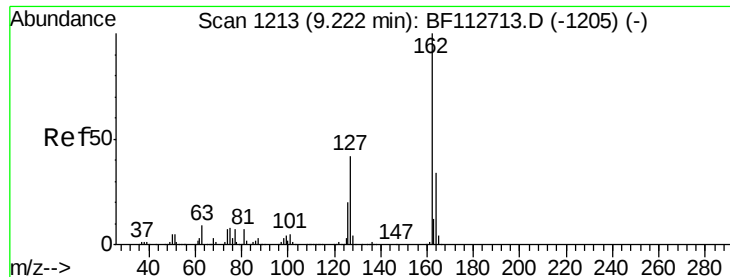
#46
 1,1'-Biphenyl
 Concen: 0.124 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. 0.00 min
 Lab File: BF112773.D
 Acq: 28 Feb 2019 20:51

Tgt Ion:154 Resp: 3396
 Ion Ratio Lower Upper
 154 100
 153 38.1 20.8 60.8
 76 15.9 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

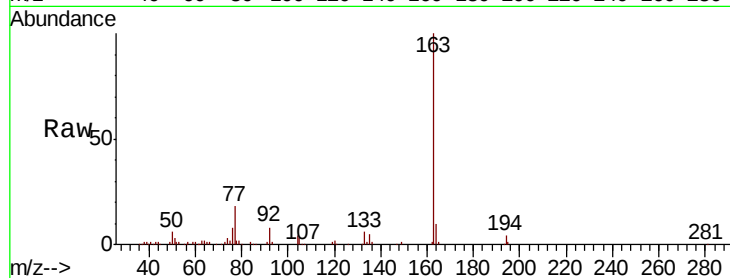




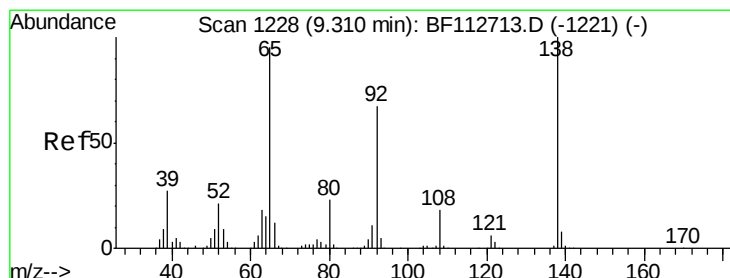
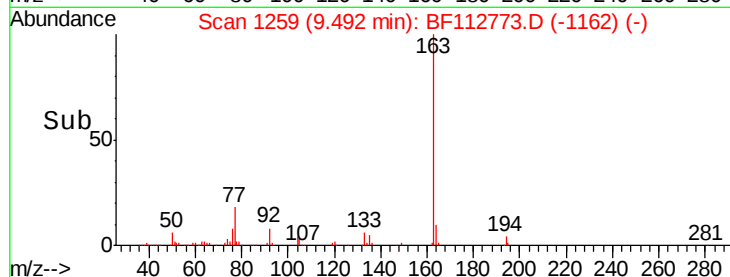
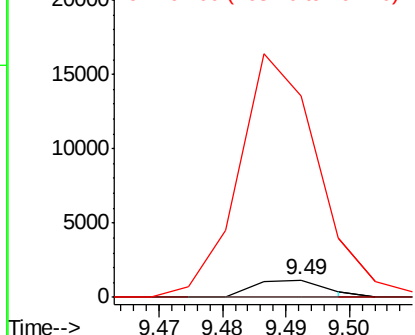
#47
 2-Chloronaphthalene
 Concen: 0.043 ng
 RT: 9.49 min Scan# 1259
 Delta R.T. 0.27 min
 Lab File: BF112773.D
 Acq: 28 Feb 2019 20:51

Instrument :
 BNA_F
 ClientSampleId :
 B-6(9-10)

Tgt Ion: 162 Resp: 914
 Ion Ratio Lower Upper
 162 100
 127 0.0 33.4 50.2#
 164 1181.3 26.9 40.3#

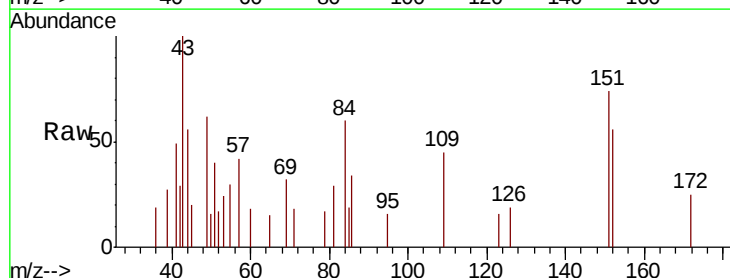


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

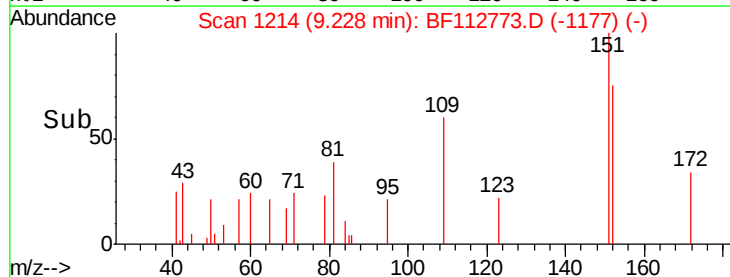
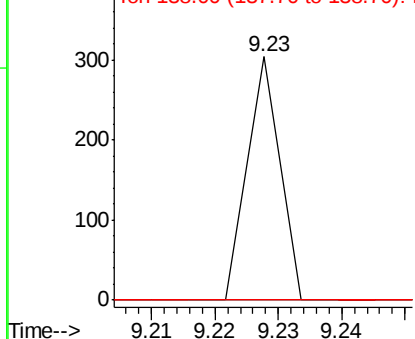


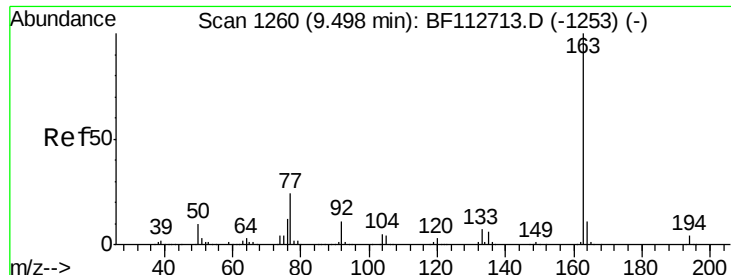
#48
 2-Nitroaniline
 Concen: 0.016 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.08 min
 Lab File: BF112773.D
 Acq: 28 Feb 2019 20:51

Tgt Ion: 65 Resp: 107
 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

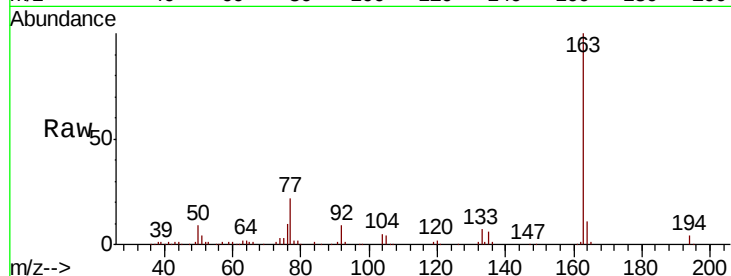




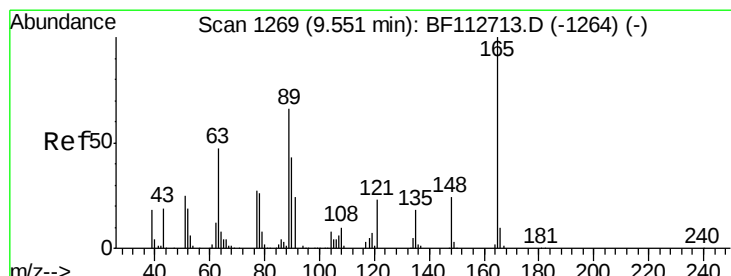
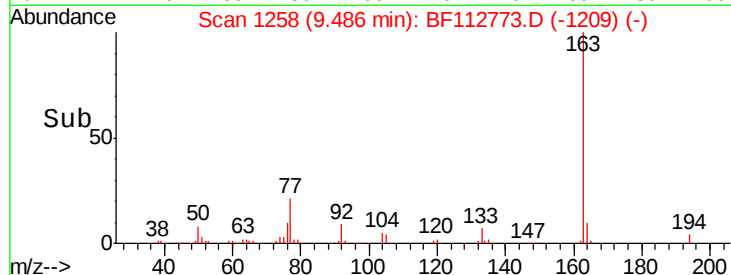
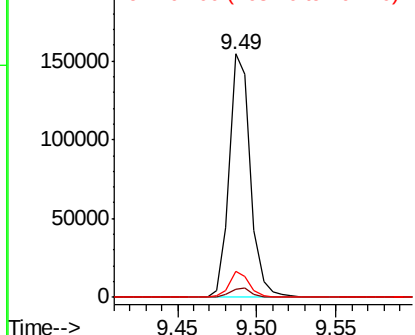
#50
Dimethylphthalate
Concen: 5.777 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.01 min
Lab File: BF112773.D
Acq: 28 Feb 2019 20:51

Instrument :
BNA_F
ClientSampleId :
B-6(9-10)

Tgt Ion:163 Resp: 143171
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.4
164 10.6 8.4 12.6

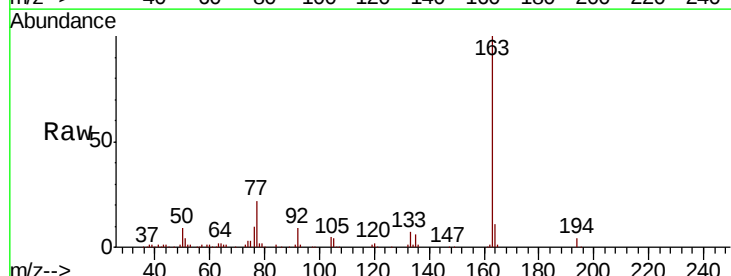


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

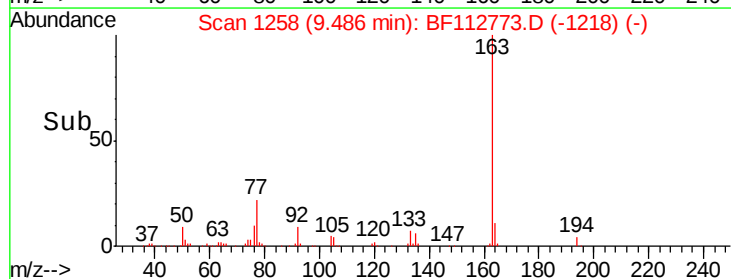
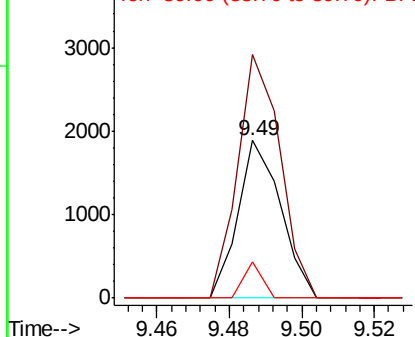


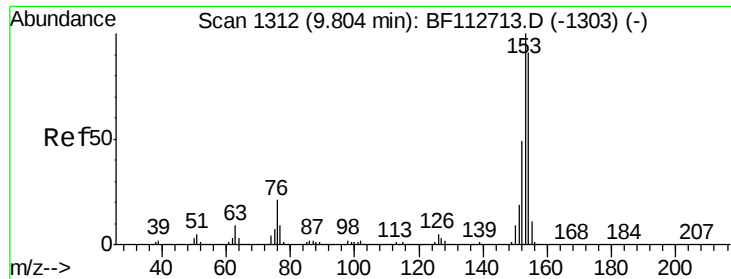
#51
2,6-Dinitrotoluene
Concen: 0.302 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.06 min
Lab File: BF112773.D
Acq: 28 Feb 2019 20:51

Tgt Ion:165 Resp: 1558
Ion Ratio Lower Upper
165 100
63 154.7 54.1 81.1#
89 23.4 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: 0.057 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.03 min

Lab File: BF112773.D

Acq: 28 Feb 2019 20:51

Instrument :

BNA_F

ClientSampleId :

B-6(9-10)

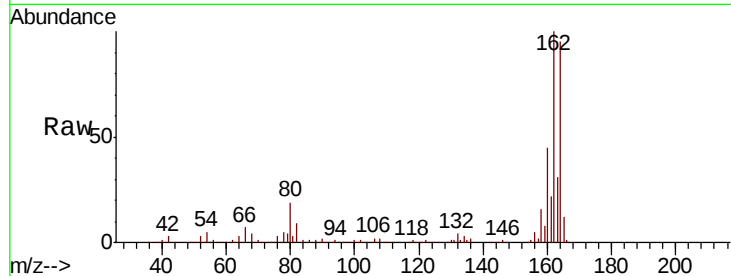
Tgt Ion:154 Resp: 1203

Ion Ratio Lower Upper

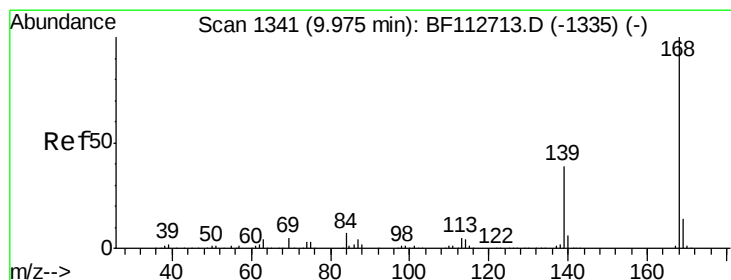
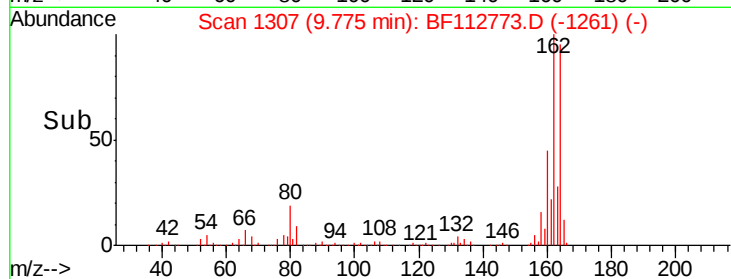
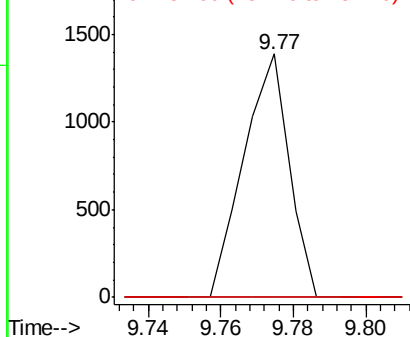
154 100

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



#55

Dibenzofuran

Concen: 0.009 ng

RT: 9.97 min Scan# 1341

Delta R.T. 0.00 min

Lab File: BF112773.D

Acq: 28 Feb 2019 20:51

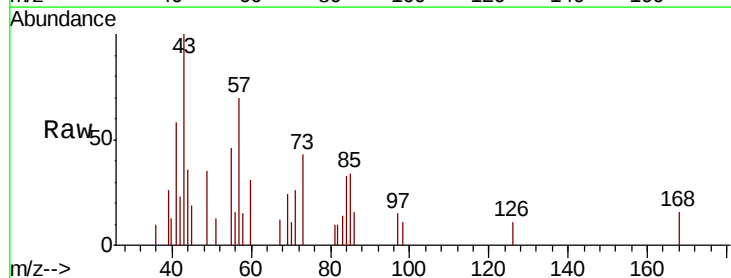
Tgt Ion:168 Resp: 282

Ion Ratio Lower Upper

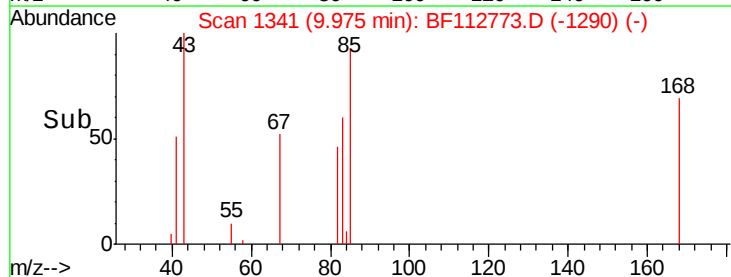
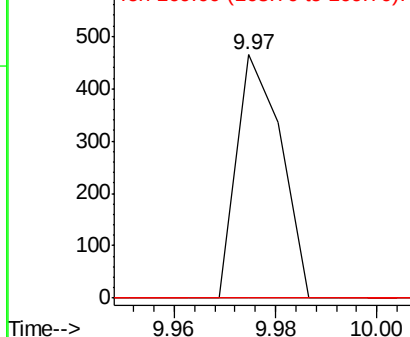
168 100

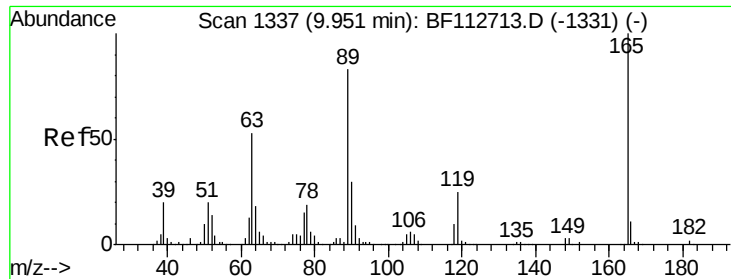
139 0.0 31.3 46.9#

169 0.0 11.3 16.9#



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

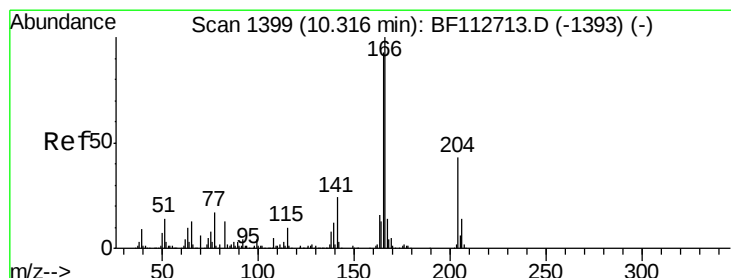
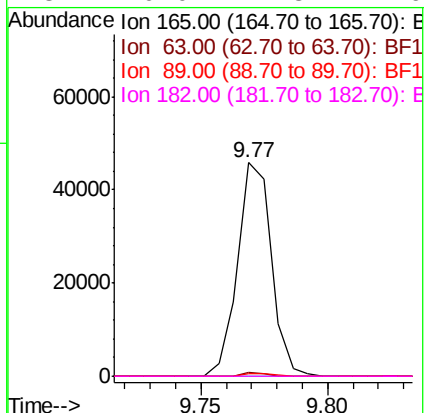
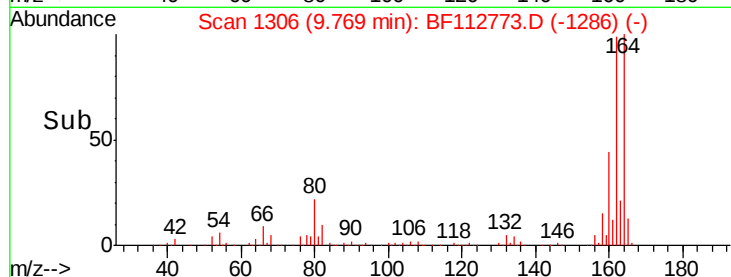
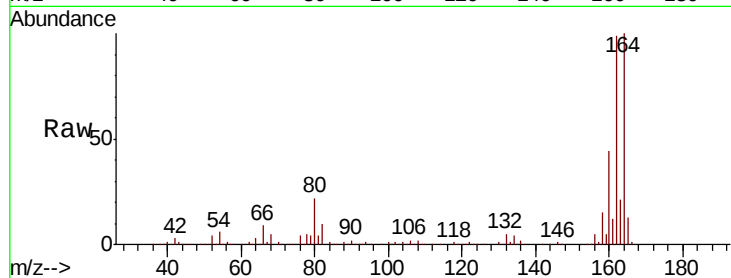




#57
2,4-Dinitrotoluene
Concen: 6.627 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.18 min
Lab File: BF112773.D
Acq: 28 Feb 2019 20:51

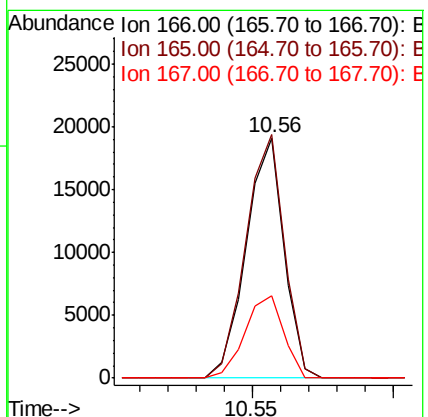
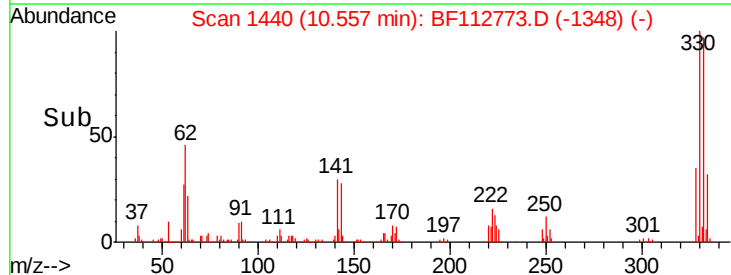
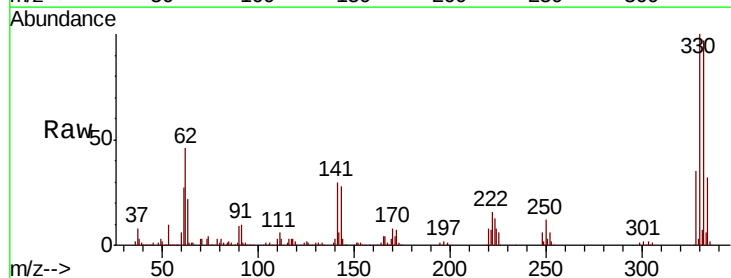
Instrument :
BNA_F
ClientSampleId :
B-6(9-10)

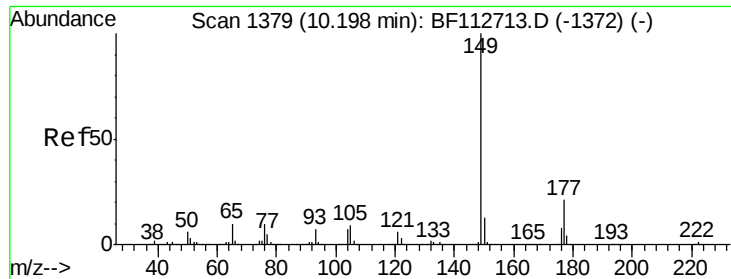
Tgt Ion:	165	Resp:	42515
Ion	Ratio	Lower	Upper
165	100		
63	1.6	42.2	63.2#
89	1.4	66.2	99.4#
182	0.0	1.8	2.6#



#58
Fluorene
Concen: 0.808 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.24 min
Lab File: BF112773.D
Acq: 28 Feb 2019 20:51

Tgt Ion:	166	Resp:	17721
Ion	Ratio	Lower	Upper
166	100		
165	101.4	74.7	112.1
167	34.0	11.0	16.6#

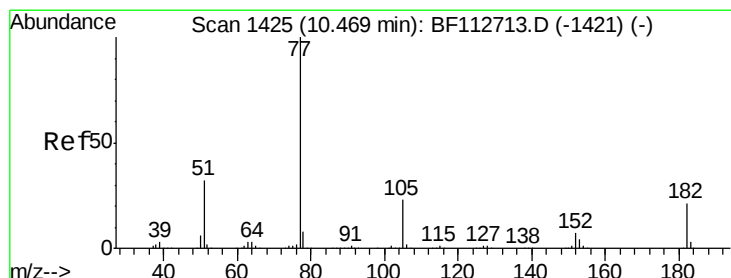
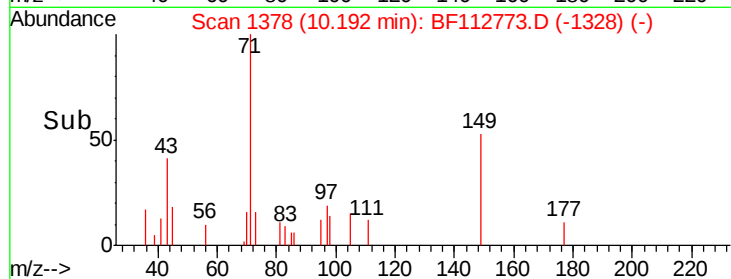
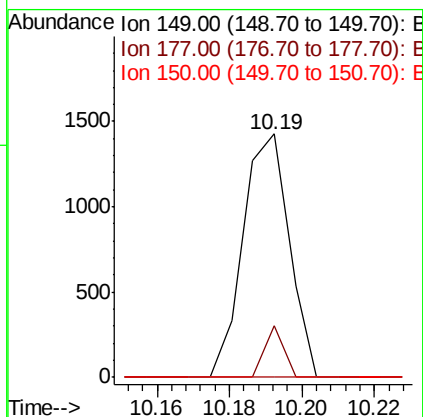
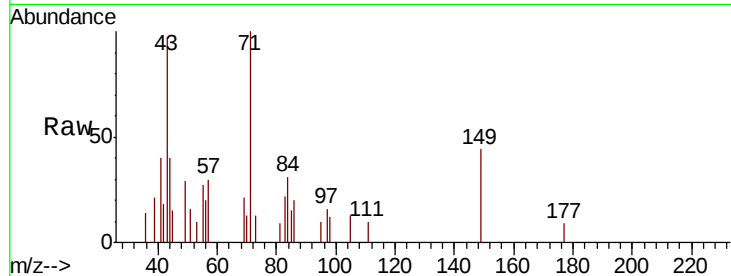




#60
Diethylphthalate
Concen: 0.048 ng
RT: 10.19 min Scan# 1378
Delta R.T. -0.01 min
Lab File: BF112773.D
Acq: 28 Feb 2019 20:51

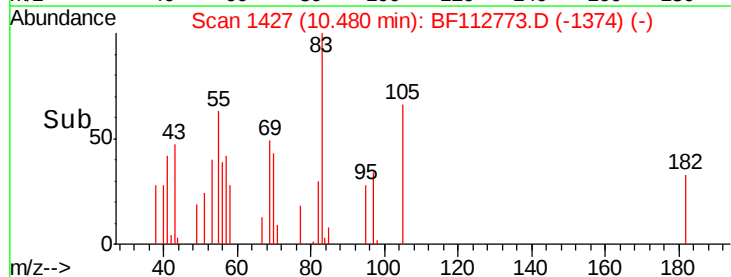
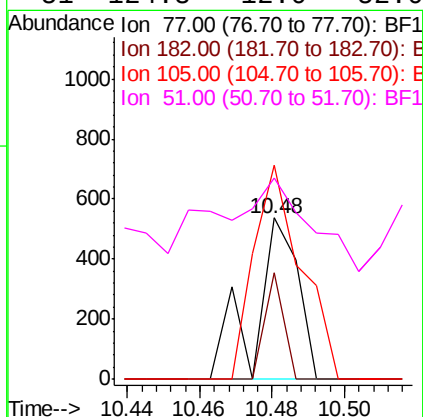
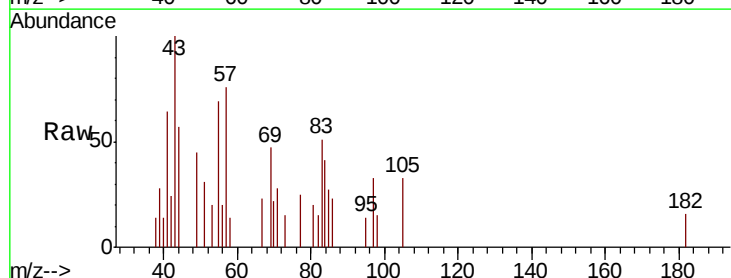
Instrument :
BNA_F
ClientSampleId :
B-6(9-10)

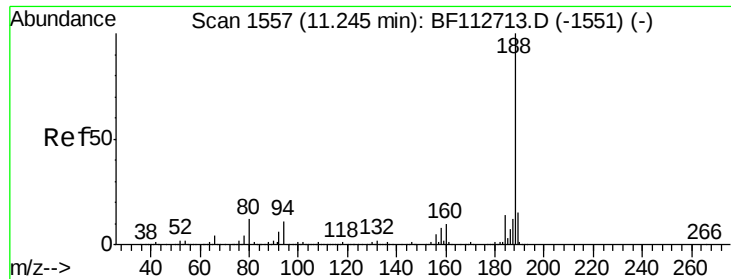
Tgt Ion: 149 Resp: 1260
Ion Ratio Lower Upper
149 100
177 21.2 17.0 25.6
150 0.0 10.0 15.0#



#63
Azobenzene
Concen: 0.016 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.01 min
Lab File: BF112773.D
Acq: 28 Feb 2019 20:51

Tgt Ion: 77 Resp: 438
Ion Ratio Lower Upper
77 100
182 66.0 1.4 41.4#
105 132.8 2.6 42.6#
51 124.8 12.0 52.0#

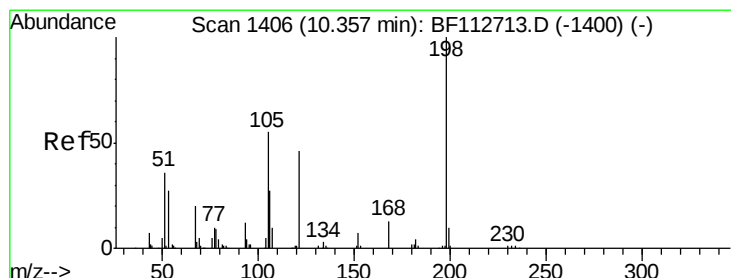
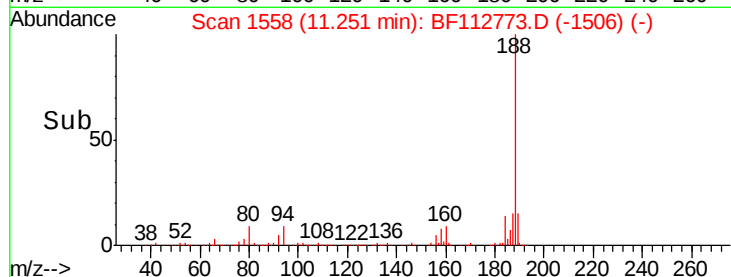
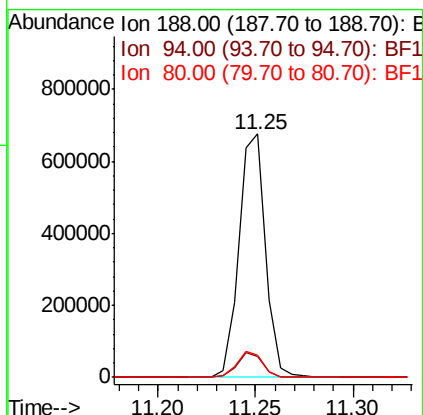
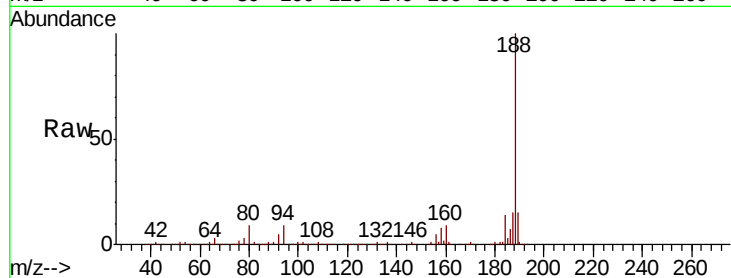




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. 0.01 min
Lab File: BF112773.D
Acq: 28 Feb 2019 20:51

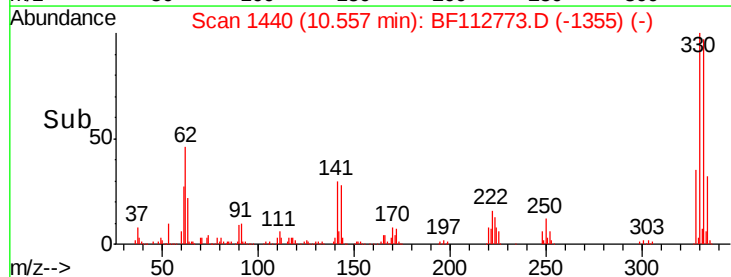
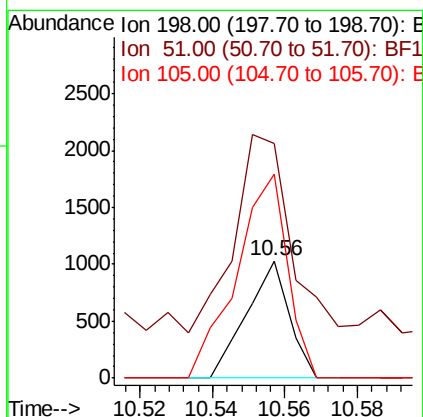
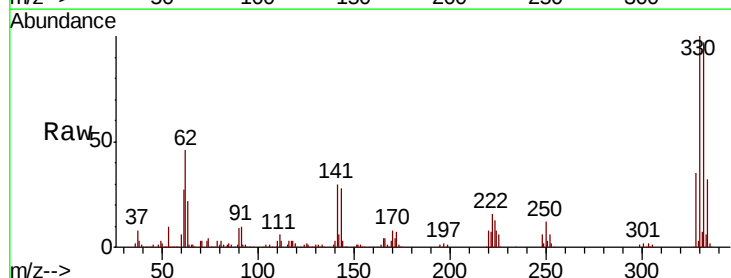
Instrument :
BNA_F
ClientSampleId :
B-6(9-10)

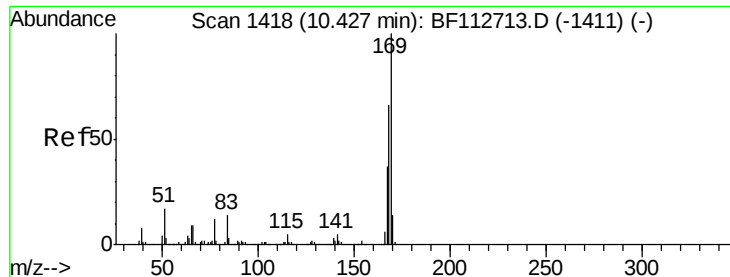
Tgt Ion:188 Resp: 633897
Ion Ratio Lower Upper
188 100
94 8.8 9.0 13.4#
80 9.1 9.2 13.8#



#65
4,6-Dinitro-2-methylphenol
Concen: 4.904 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.20 min
Lab File: BF112773.D
Acq: 28 Feb 2019 20:51

Tgt Ion:198 Resp: 839
Ion Ratio Lower Upper
198 100
51 201.1 43.8 83.8#
105 174.0 36.5 76.5#

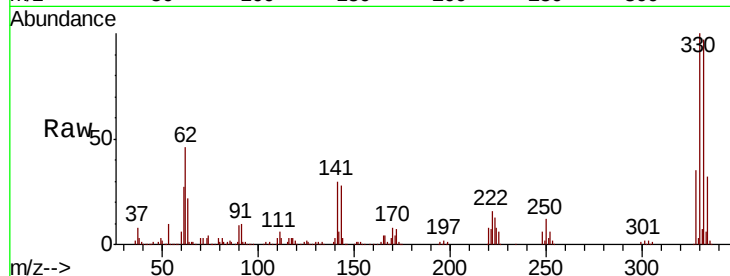




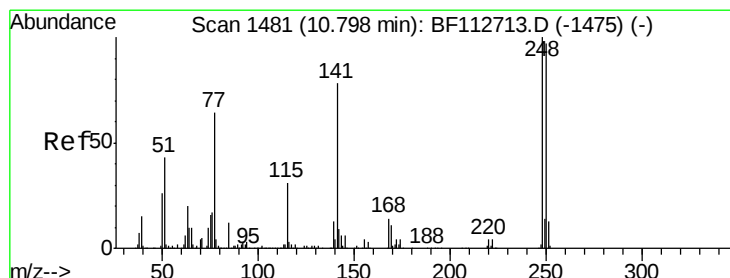
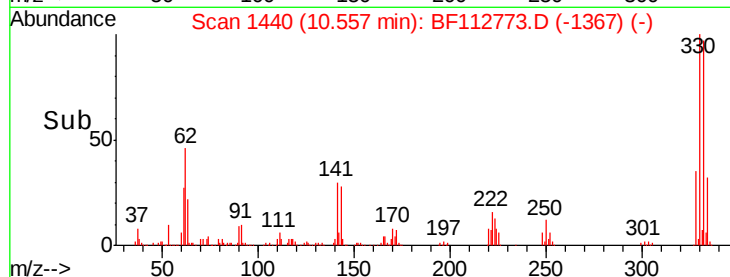
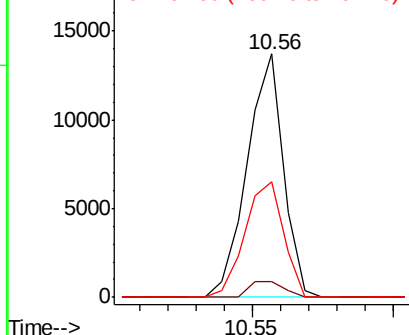
#66
 n-Nitrosodiphenylamine
 Concen: 0.602 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. 0.13 min
 Lab File: BF112773.D
 Acq: 28 Feb 2019 20:51

Instrument :
 BNA_F
 ClientSampleId :
 B-6(9-10)

Tgt Ion:169 Resp: 12229
 Ion Ratio Lower Upper
 169 100
 168 6.4 53.0 79.6#
 167 47.4 29.3 43.9#

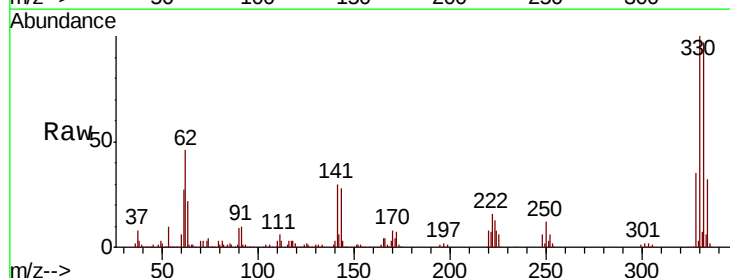


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

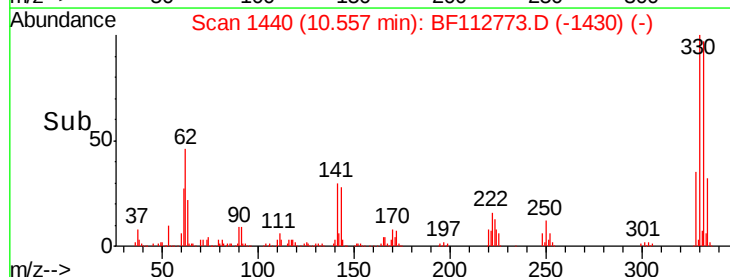
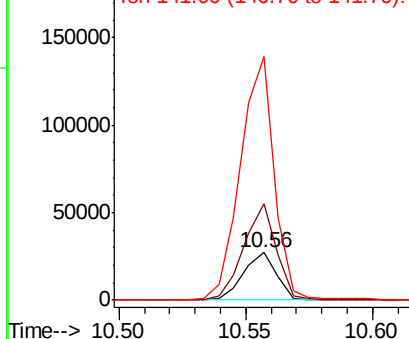


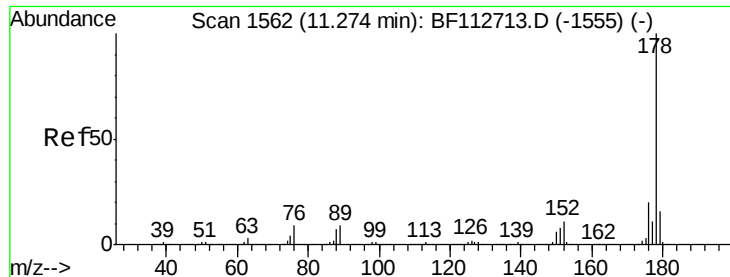
#67
 4-Bromophenyl-phenylether
 Concen: 3.724 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.24 min
 Lab File: BF112773.D
 Acq: 28 Feb 2019 20:51

Tgt Ion:248 Resp: 24862
 Ion Ratio Lower Upper
 248 100
 250 200.8 77.5 116.3#
 141 510.1 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# 1562

Delta R.T. 0.00 min

Lab File: BF112773.D

Acq: 28 Feb 2019 20:51

Instrument :

BNA_F

ClientSampleId :

B-6(9-10)

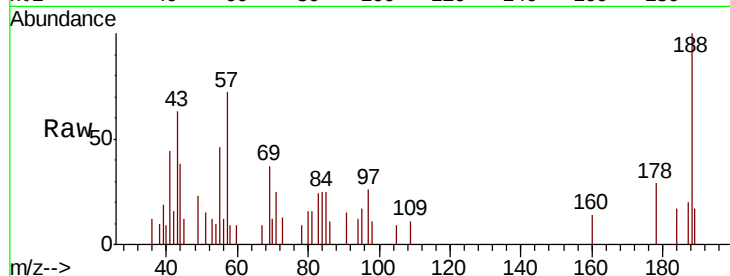
Tgt Ion:178 Resp: 839

Ion Ratio Lower Upper

178 100

176 0.0 16.3 24.5#

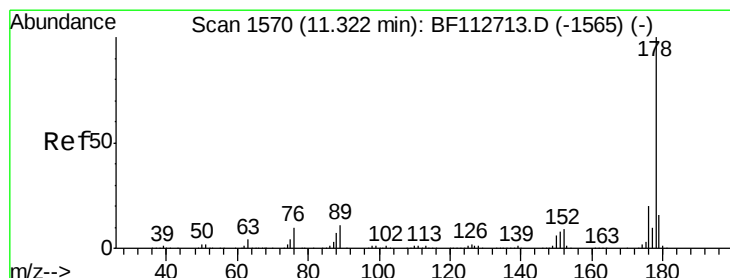
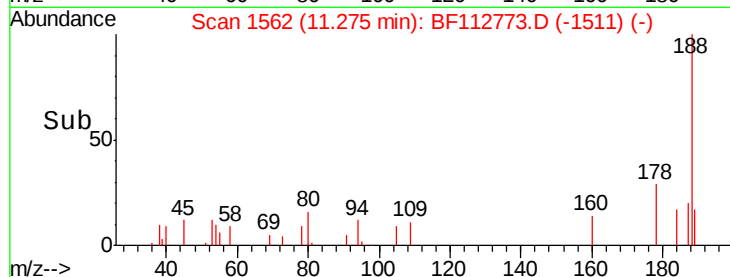
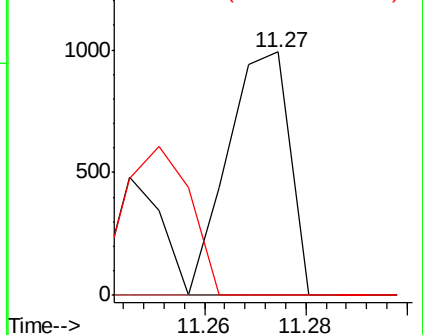
179 0.0 12.7 19.1#



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: 0.025 ng

RT: 11.27 min Scan# 1562

Delta R.T. -0.05 min

Lab File: BF112773.D

Acq: 28 Feb 2019 20:51

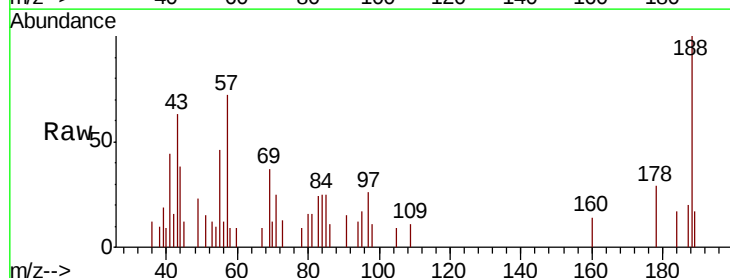
Tgt Ion:178 Resp: 839

Ion Ratio Lower Upper

178 100

176 0.0 15.8 23.6#

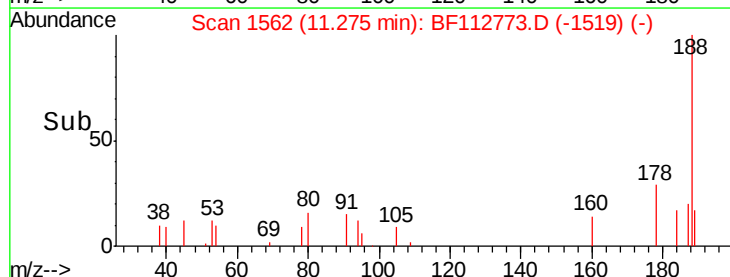
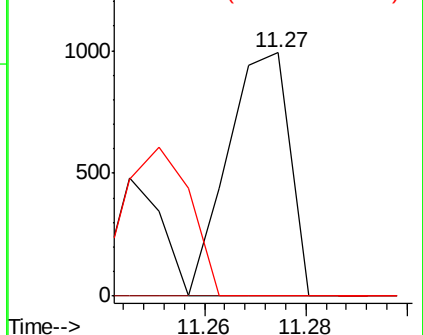
179 0.0 13.0 19.6#

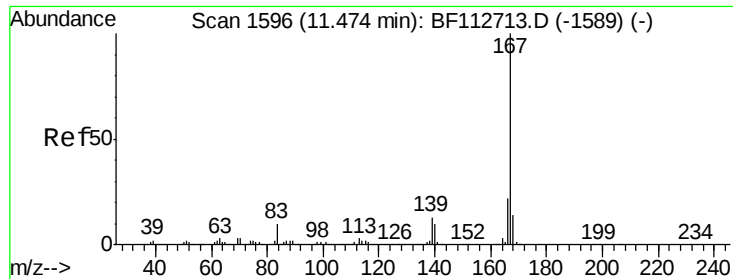


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 0.004 ng

RT: 11.46 min Scan# 1594

Delta R.T. -0.01 min

Lab File: BF112773.D

Acq: 28 Feb 2019 20:51

Instrument :

BNA_F

ClientSampleId :

B-6(9-10)

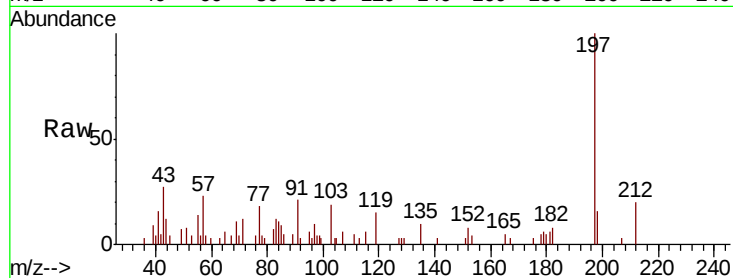
Tgt Ion:167 Resp: 115

Ion Ratio Lower Upper

167 100

166 0.0 17.5 26.3#

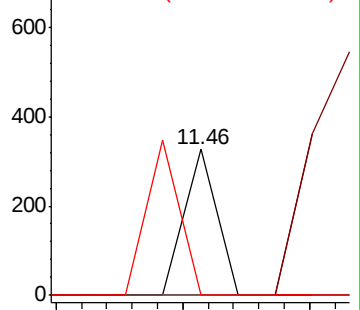
139 0.0 10.8 16.2#



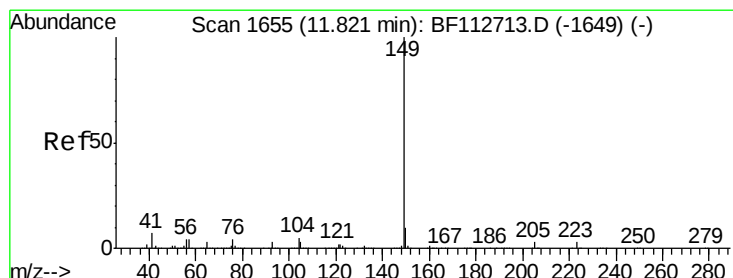
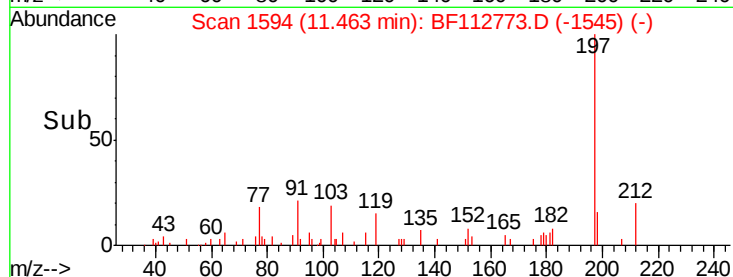
Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time--> 11.44 11.46 11.48



#74

Di-n-butylphthalate

Concen: 0.224 ng

RT: 11.82 min Scan# 1654

Delta R.T. -0.01 min

Lab File: BF112773.D

Acq: 28 Feb 2019 20:51

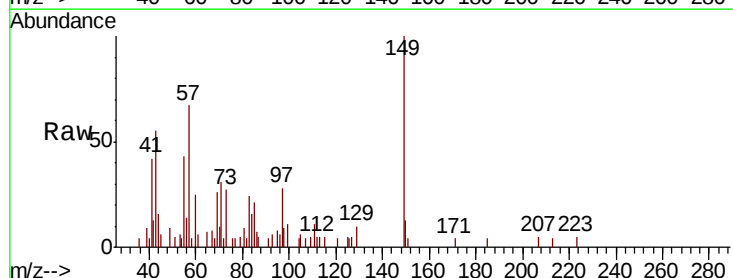
Tgt Ion:149 Resp: 8665

Ion Ratio Lower Upper

149 100

150 12.8 7.6 11.4#

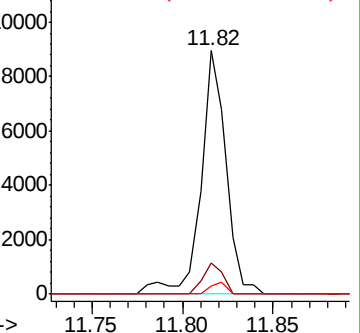
104 3.5 3.7 5.5#



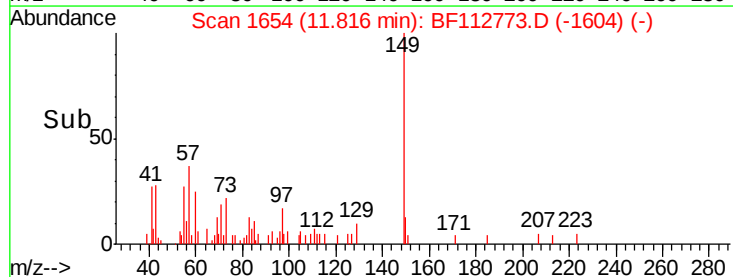
Abundance Ion 149.00 (148.70 to 149.70): E

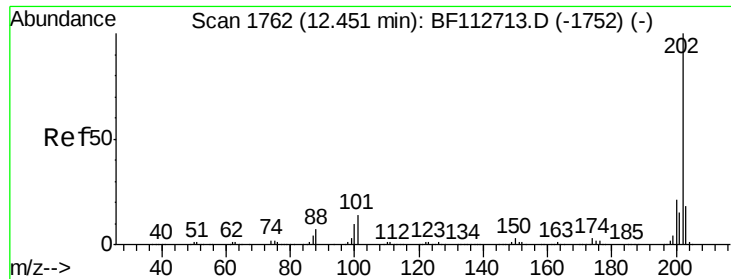
Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



Time--> 11.75 11.80 11.85





#75

Fluoranthene

Concen: 0.015 ng

RT: 12.46 min Scan# 1763

Delta R.T. 0.01 min

Lab File: BF112773.D

Acq: 28 Feb 2019 20:51

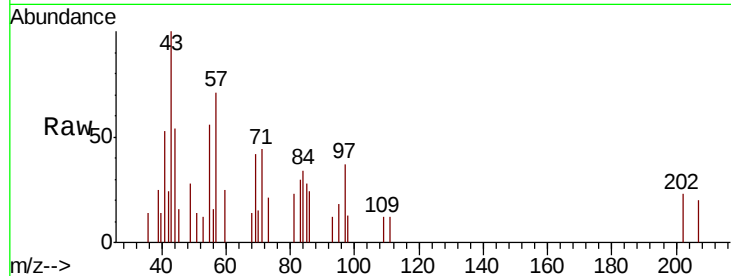
Instrument :

BNA_F

ClientSampleId :

B-6(9-10)

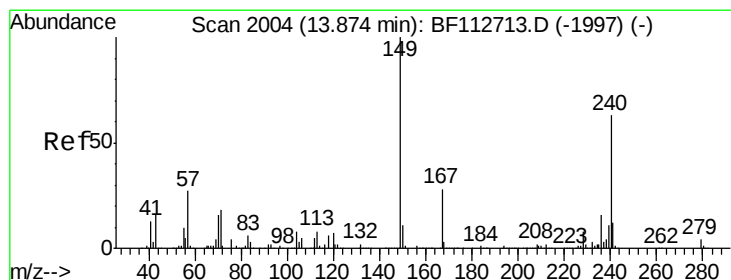
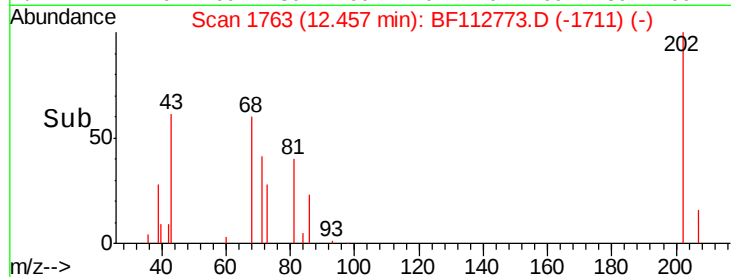
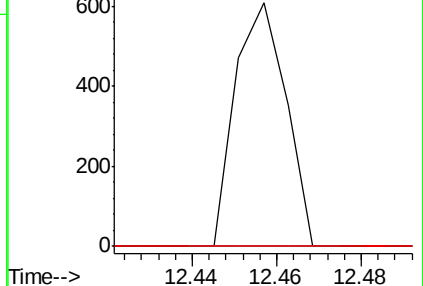
Tgt Ion:	202	Resp:	505
Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	33.8
203	0.0	0.0	38.4



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

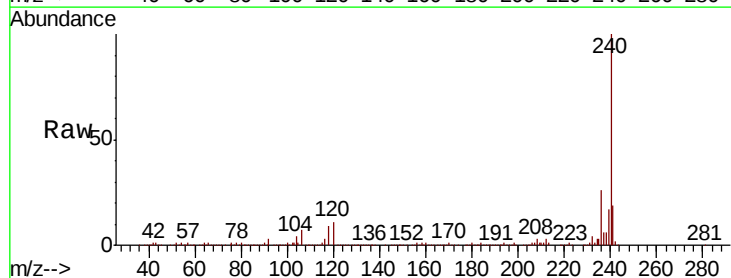
RT: 13.87 min Scan# 2004

Delta R.T. 0.00 min

Lab File: BF112773.D

Acq: 28 Feb 2019 20:51

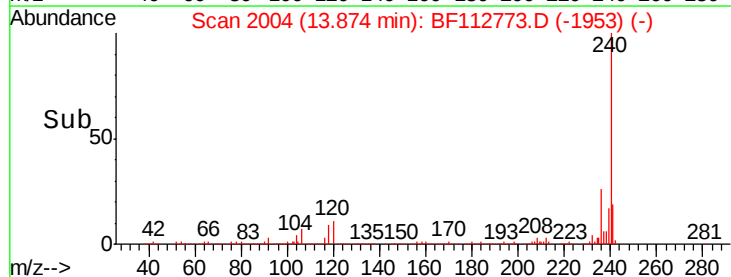
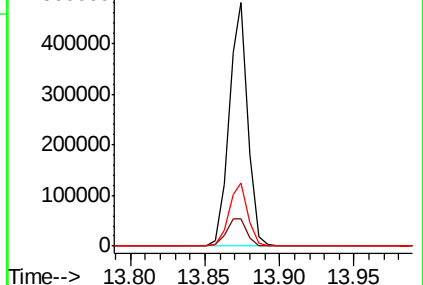
Tgt Ion:	240	Resp:	424946
Ion	Ratio	Lower	Upper
240	100		
120	11.1	8.9	13.3
236	26.1	20.7	31.1

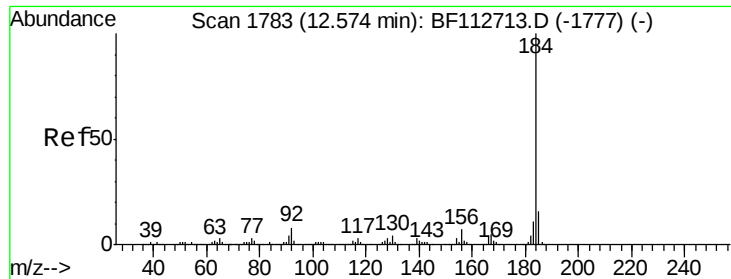


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 0.897 ng

RT: 12.83 min Scan# 1827

Delta R.T. 0.26 min

Lab File: BF112773.D

Acq: 28 Feb 2019 20:51

Instrument :

BNA_F

ClientSampleId :

B-6(9-10)

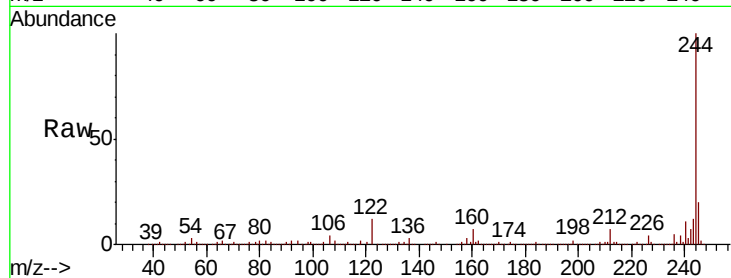
Tgt Ion:184 Resp: 19779

Ion Ratio Lower Upper

184 100

185 16.9 12.6 18.8

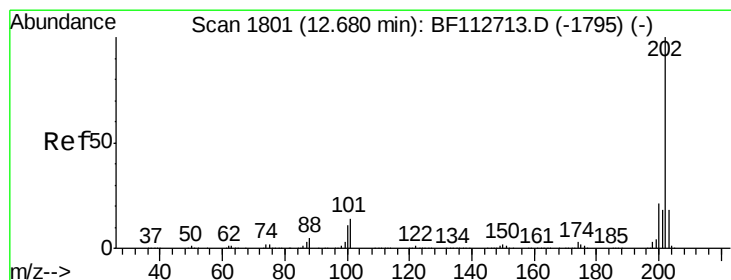
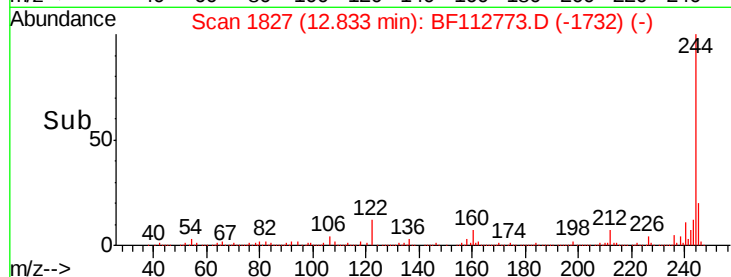
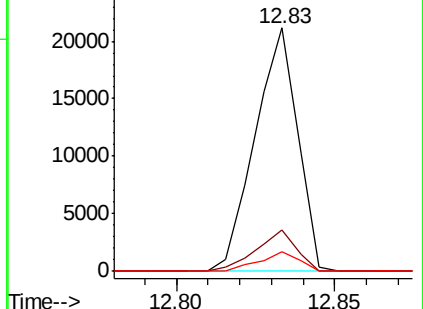
183 8.1 8.6 12.8#



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: 0.009 ng

RT: 12.68 min Scan# 1801

Delta R.T. 0.00 min

Lab File: BF112773.D

Acq: 28 Feb 2019 20:51

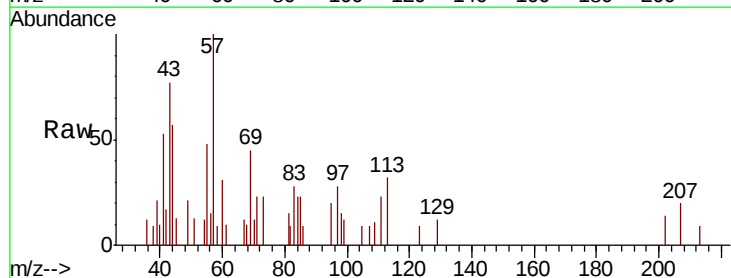
Tgt Ion:202 Resp: 309

Ion Ratio Lower Upper

202 100

200 0.0 17.0 25.4#

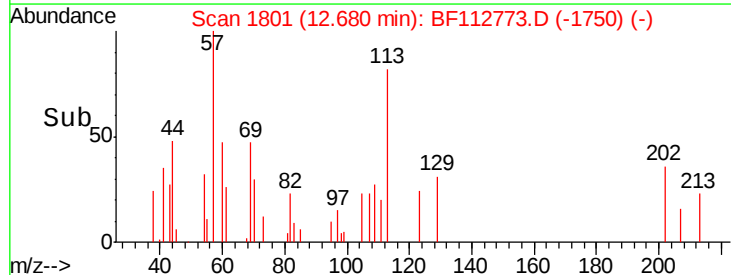
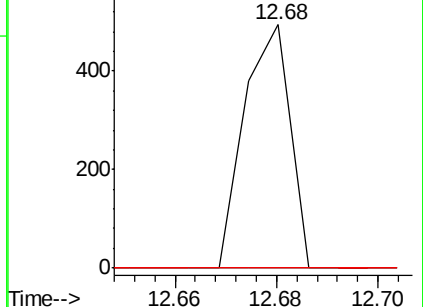
203 0.0 14.4 21.6#

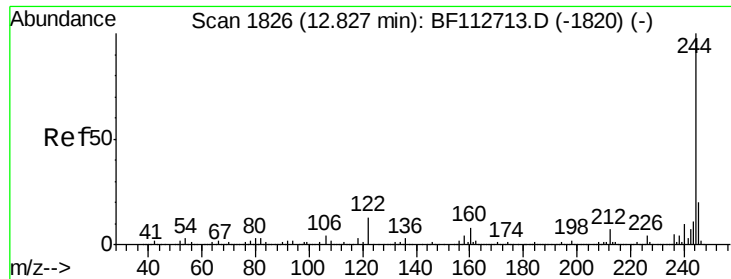


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 73.653 ng

RT: 12.83 min Scan# 1827

Delta R.T. 0.01 min

Lab File: BF112773.D

Acq: 28 Feb 2019 20:51

Instrument :

BNA_F

ClientSampleId :

B-6(9-10)

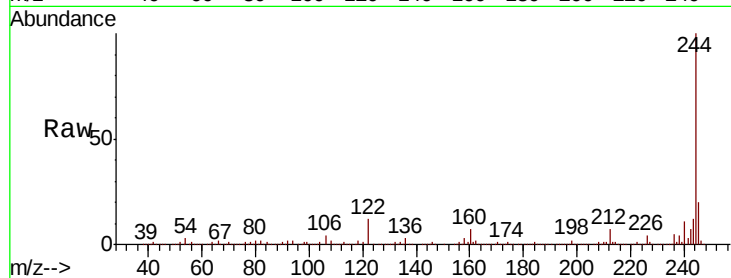
Tgt Ion:244 Resp: 1614578

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

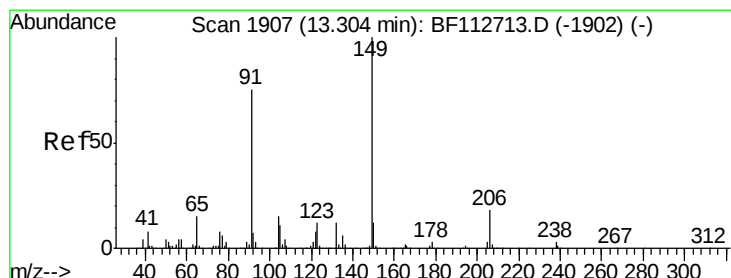
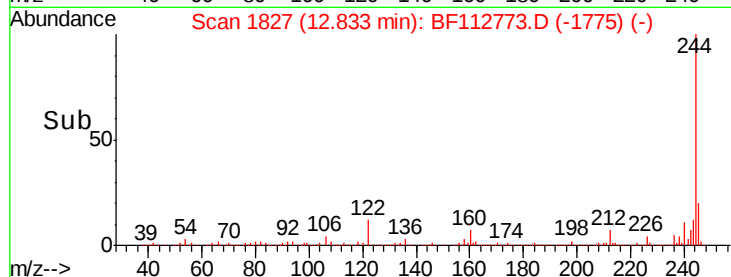
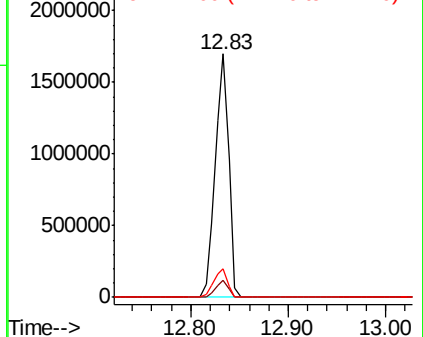
122 12.0 10.5 15.7



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: 0.008 ng

RT: 13.30 min Scan# 1907

Delta R.T. 0.00 min

Lab File: BF112773.D

Acq: 28 Feb 2019 20:51

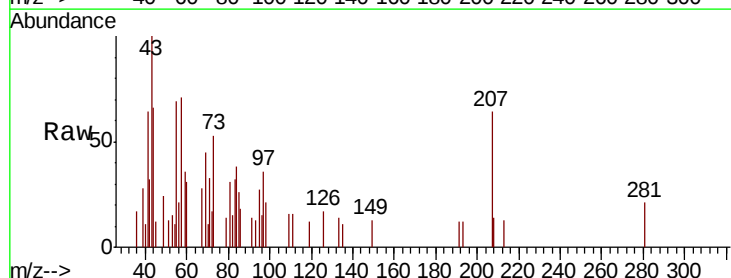
Tgt Ion:149 Resp: 123

Ion Ratio Lower Upper

149 100

91 112.1 59.9 89.9#

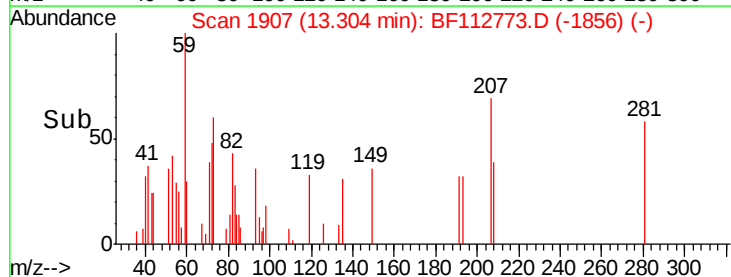
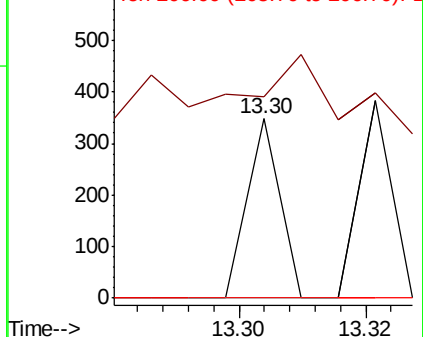
206 0.0 14.7 22.1#

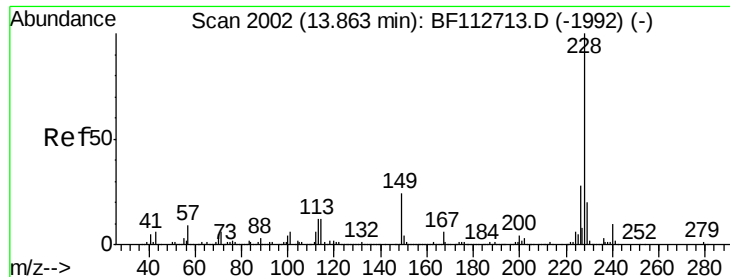


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 0.049 ng

RT: 13.87 min Scan# 2004

Delta R.T. 0.01 min

Lab File: BF112773.D

Acq: 28 Feb 2019 20:51

Instrument :

BNA_F

ClientSampleId :

B-6(9-10)

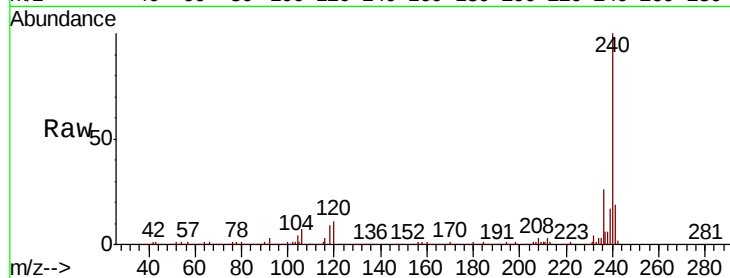
Tgt Ion:228 Resp: 1444

Ion Ratio Lower Upper

228 100

226 0.0 22.2 33.4#

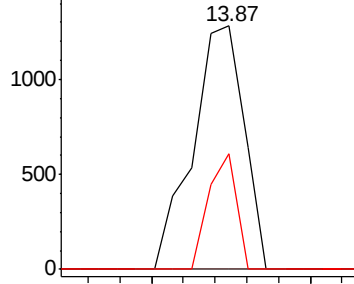
229 47.7 16.0 24.0#



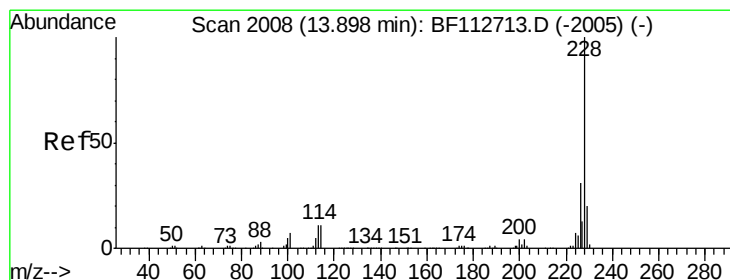
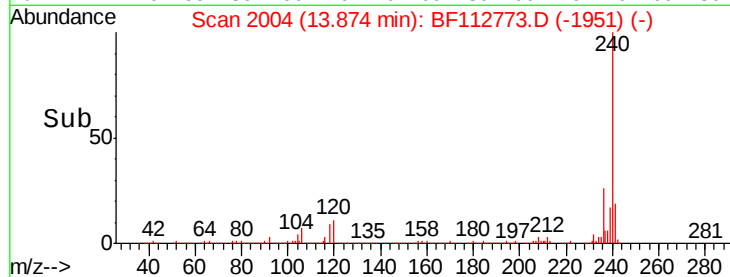
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#83

Chrysene

Concen: 0.050 ng

RT: 13.87 min Scan# 2004

Delta R.T. -0.02 min

Lab File: BF112773.D

Acq: 28 Feb 2019 20:51

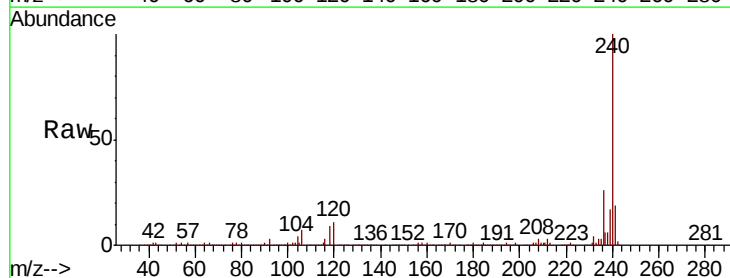
Tgt Ion:228 Resp: 1444

Ion Ratio Lower Upper

228 100

226 0.0 24.9 37.3#

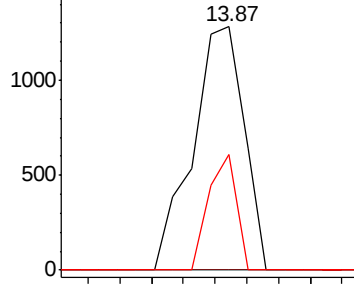
229 47.7 16.3 24.5#



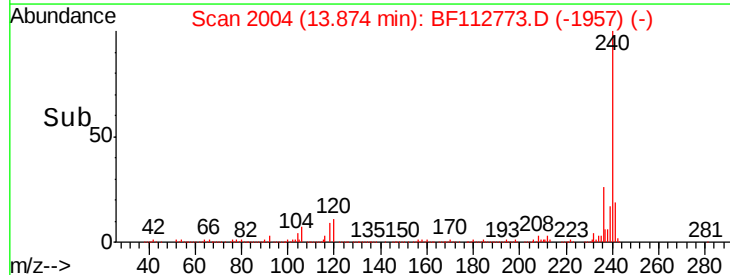
Abundance Ion 228.00 (227.70 to 228.70): E

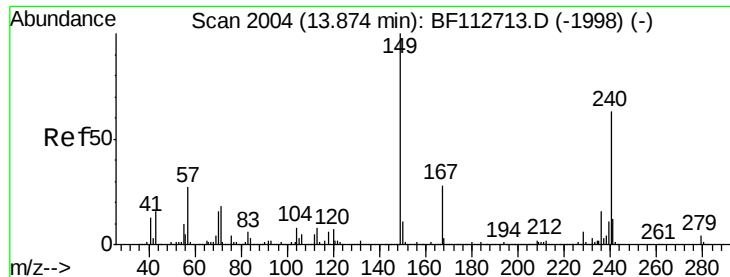
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->





#84

Bis(2-ethylhexyl)phthalate

Concen: 0.201 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF112773.D

Acq: 28 Feb 2019 20:51

Instrument :

BNA_F

ClientSampleId :

B-6(9-10)

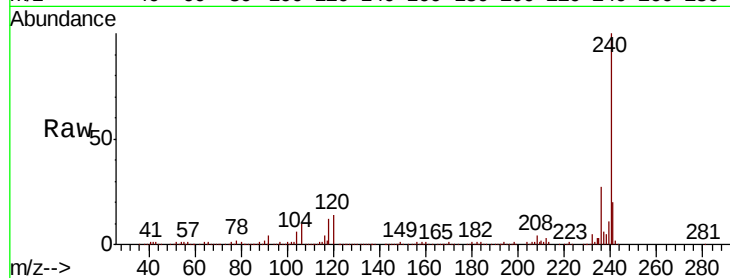
Tgt Ion:149 Resp: 3723

Ion Ratio Lower Upper

149 100

167 38.5 22.4 33.6#

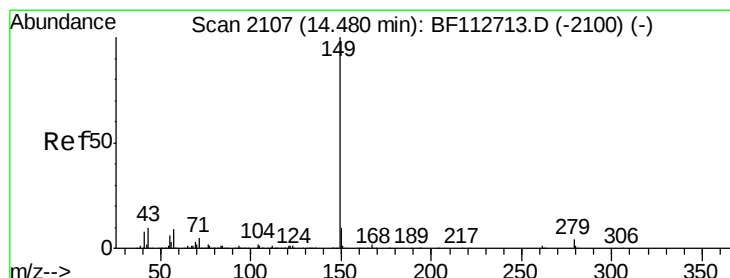
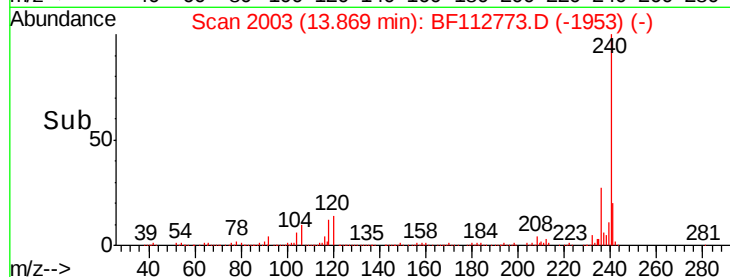
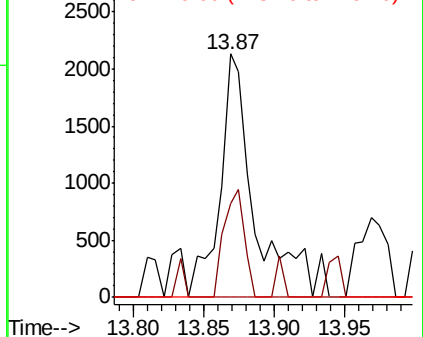
279 0.0 3.3 4.9#



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: 14.48 min Scan# 2107

Delta R.T. 0.00 min

Lab File: BF112773.D

Acq: 28 Feb 2019 20:51

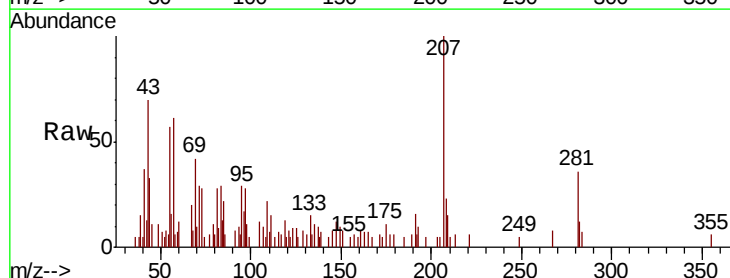
Tgt Ion:149 Resp: 179

Ion Ratio Lower Upper

149 100

167 62.0 1.2 1.8#

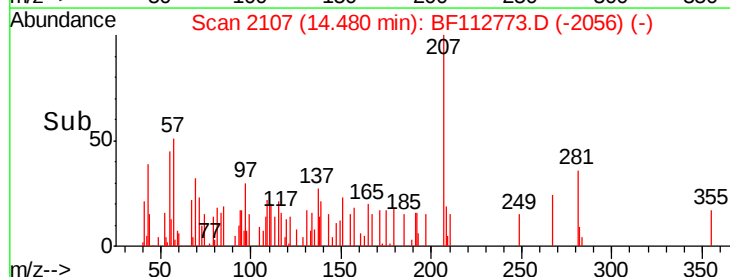
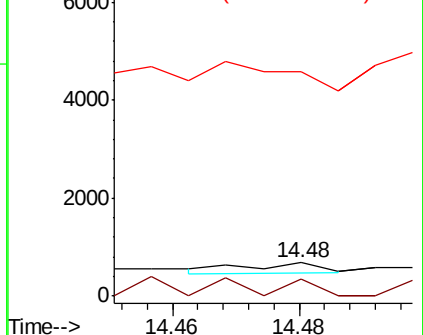
43 598.3 9.0 13.4#

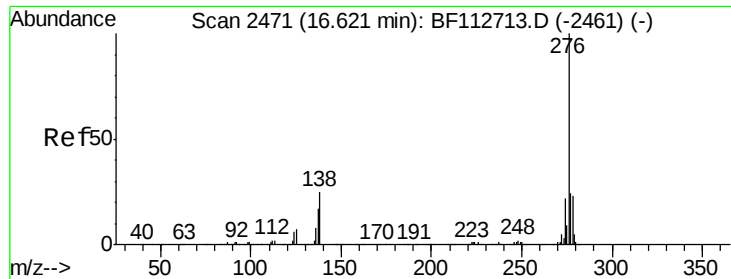


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.004 ng

RT: 16.63 min Scan# 2473

Delta R.T. 0.01 min

Lab File: BF112773.D

Acq: 28 Feb 2019 20:51

Instrument :

BNA_F

ClientSampled :

B-6(9-10)

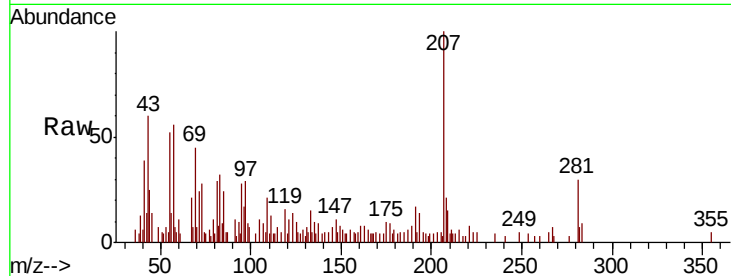
Tgt Ion:276 Resp: 110

Ion Ratio Lower Upper

276 100

138 102.7 23.2 34.8#

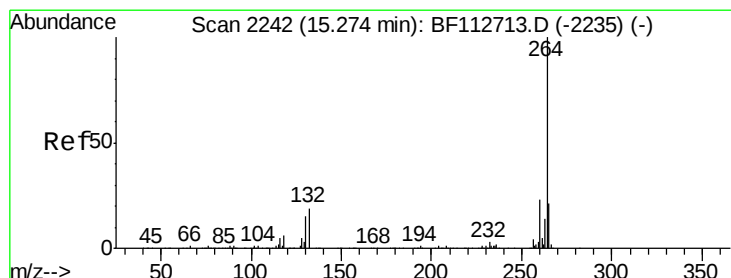
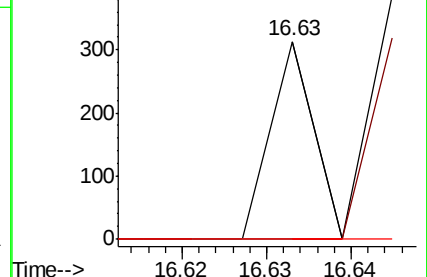
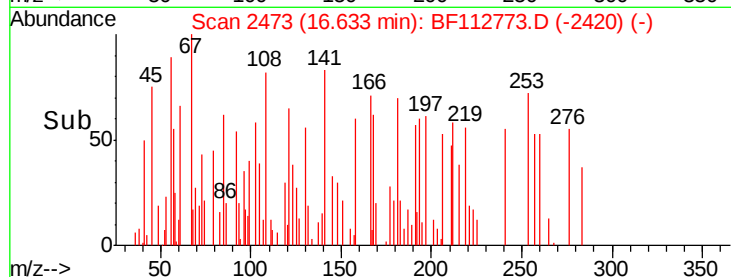
277 0.0 19.9 29.9#



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: 15.28 min Scan# 2243

Delta R.T. 0.01 min

Lab File: BF112773.D

Acq: 28 Feb 2019 20:51

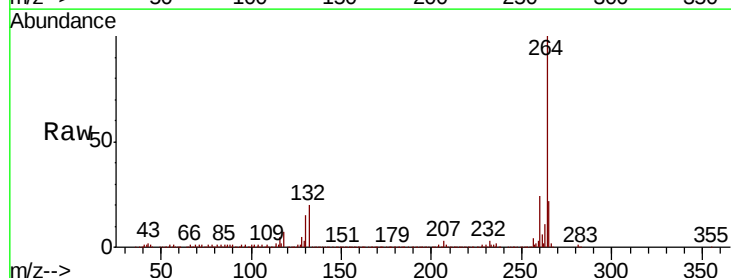
Tgt Ion:264 Resp: 439573

Ion Ratio Lower Upper

264 100

260 23.7 18.7 28.1

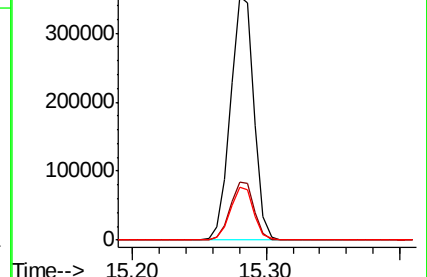
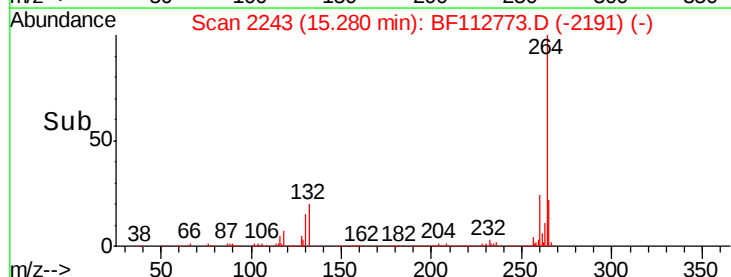
265 21.9 17.2 25.8

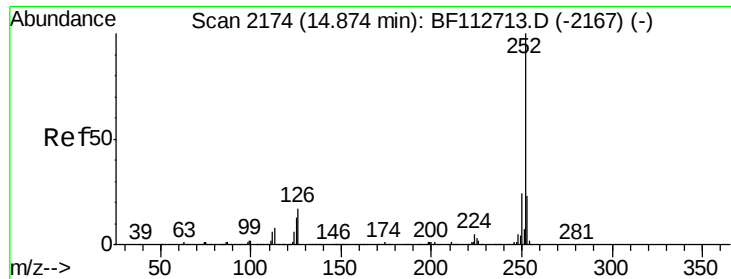


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

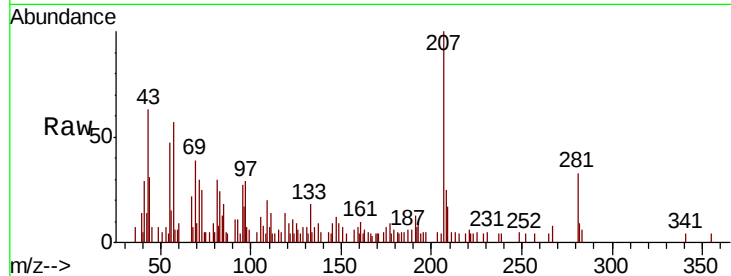




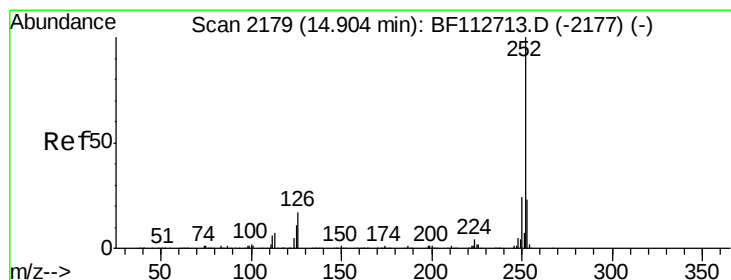
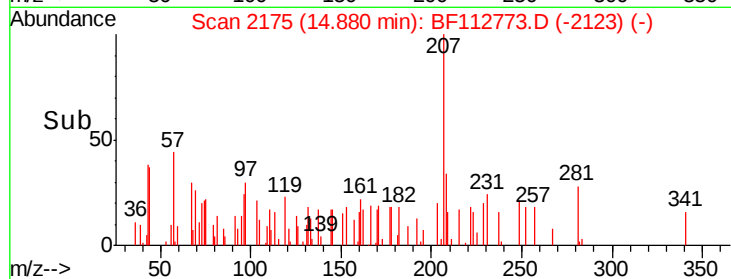
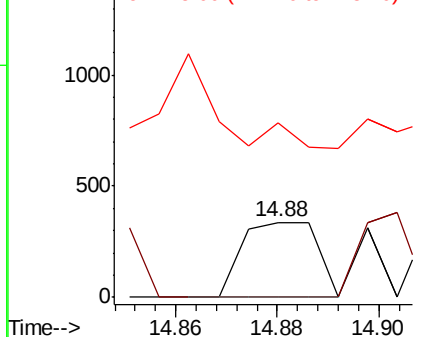
#88
Benzo(b)fluoranthene
Concen: 0.012 ng
RT: 14.88 min Scan# 2175
Delta R.T. 0.01 min
Lab File: BF112773.D
Acq: 28 Feb 2019 20:51

Instrument :
BNA_F
ClientSampleId :
B-6(9-10)

Tgt Ion:252 Resp: 344
Ion Ratio Lower Upper
252 100
253 0.0 18.0 27.0#
125 232.8 10.2 15.2#

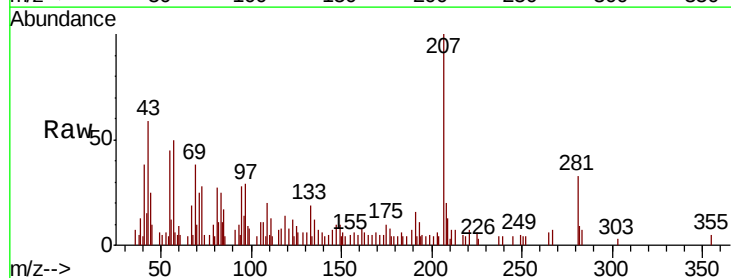


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

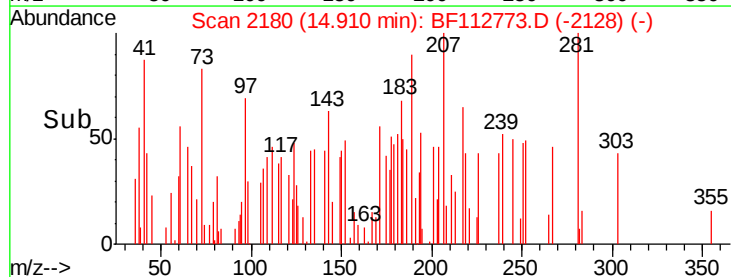
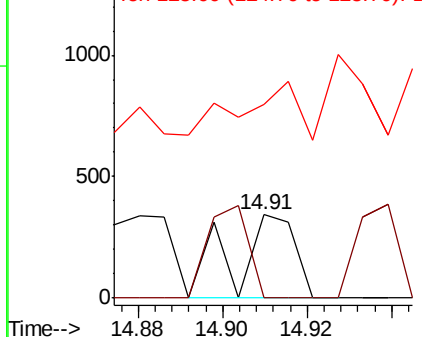


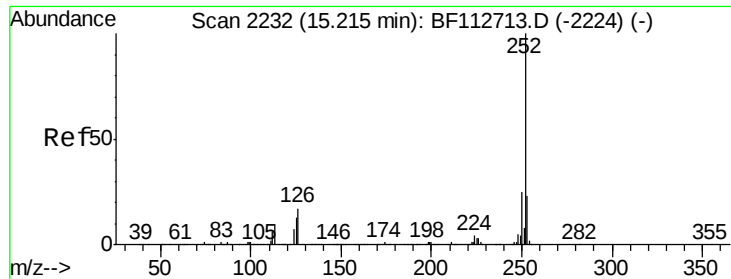
#89
Benzo(k)fluoranthene
Concen: 0.013 ng
RT: 14.91 min Scan# 2180
Delta R.T. 0.01 min
Lab File: BF112773.D
Acq: 28 Feb 2019 20:51

Tgt Ion:252 Resp: 341
Ion Ratio Lower Upper
252 100
253 0.0 18.2 27.2#
125 233.3 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: 0.009 ng

RT: 15.22 min Scan# 2233

Delta R.T. 0.01 min

Lab File: BF112773.D

Acq: 28 Feb 2019 20:51

Instrument :

BNA_F

ClientSampled :

B-6(9-10)

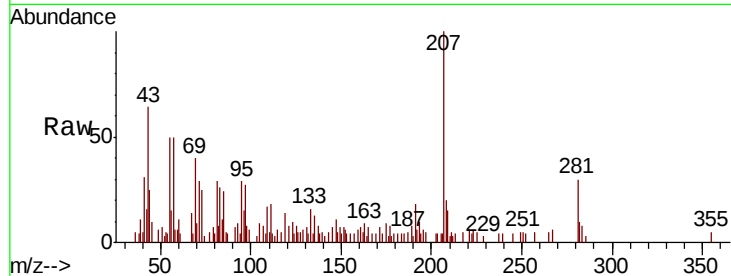
Tgt Ion:252 Resp: 226

Ion Ratio Lower Upper

252 100

253 0.0 18.0 27.0#

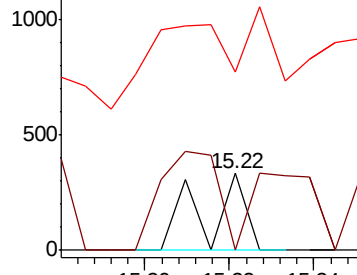
125 232.8 10.7 16.1#



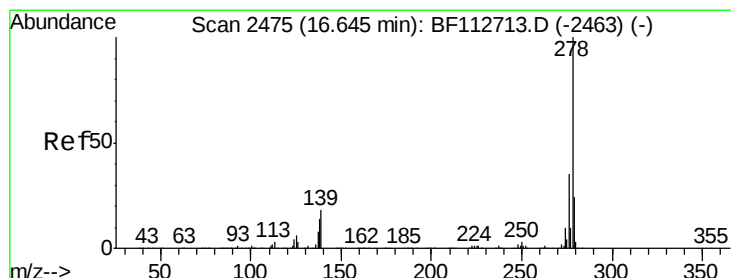
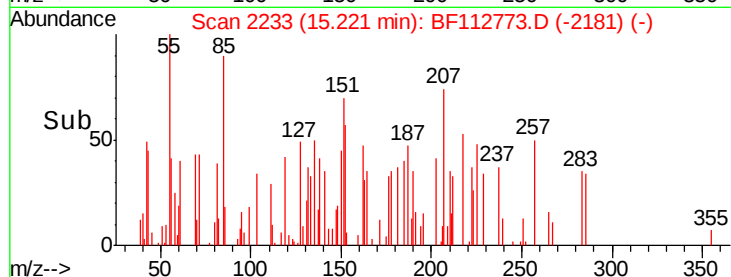
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->



#91

Dibenzo(a,h)anthracene

Concen: 0.005 ng

RT: 16.72 min Scan# 2488

Delta R.T. 0.08 min

Lab File: BF112773.D

Acq: 28 Feb 2019 20:51

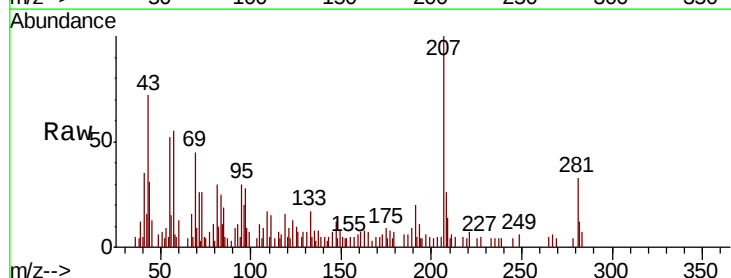
Tgt Ion:278 Resp: 114

Ion Ratio Lower Upper

278 100

139 126.3 14.3 21.5#

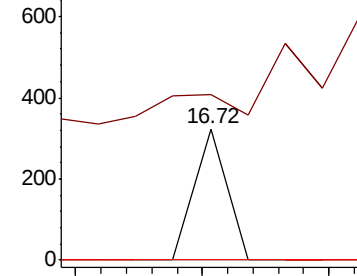
279 0.0 19.4 29.0#



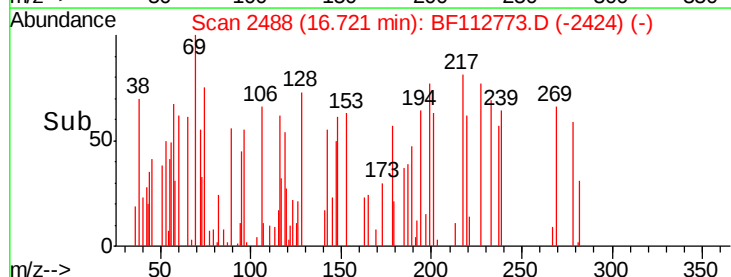
Abundance Ion 278.00 (277.70 to 278.70): E

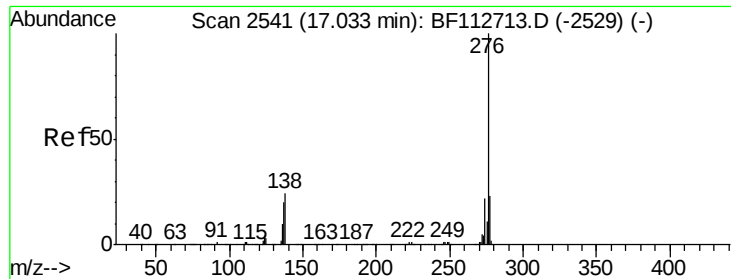
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->





#92

Benzo(g,h,i)perylene

Concen: 0.006 ng

RT: 17.06 min Scan# 2546

Delta R.T. 0.03 min

Lab File: BF112773.D

Acq: 28 Feb 2019 20:51

Instrument :

BNA_F

ClientSampleId :

B-6(9-10)

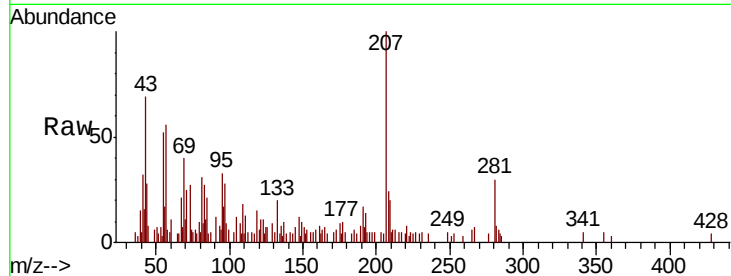
Tgt Ion: 276 Resp: 119

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

