

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF021319\
 Data File : BF112530.D
 Acq On : 13 Feb 2019 11:06
 Operator : JU/SJ
 Sample : PB117061BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB117061BL

Quant Time: Feb 14 04:06:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	113863	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	438580	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	221753	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	452180	20.00	ng	0.00
76) Chrysene-d12	14.02	240	370919	20.00	ng	0.00
87) Perylene-d12	15.50	264	307463	20.00	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.48	112	792579	147.85	ng	0.00
7) Phenol-d6	6.49	99	981055	131.71	ng	0.00
23) Nitrobenzene-d5	7.40	82	628619	82.59	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	332198	128.70	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1335611	85.19	ng	-0.01
79) Terphenyl-d14	12.95	244	1545405	78.47	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Aniline	6.62	93	1155	0.130	ng	# 1
8) 2-Chlorophenol	6.63	128	115	0.016	ng	# 1
9) Benzaldehyde	6.49	77	1633	0.419	ng	# 1
10) Phenol	6.62	94	1799	0.220	ng	# 1
11) bis(2-Chloroethyl)ether	6.62	93	1155	0.180	ng	# 1
15) Benzyl Alcohol	6.99	79	10068	1.603	ng	# 46
18) Hexachloroethane	7.06	117	131	0.043	ng	# 2
19) n-Nitroso-di-n-propylamine	7.40	70	85219	16.592	ng	# 75
24) Nitrobenzene	7.40	77	2014	0.265	ng	# 36
25) Isophorone	7.40	82	628682	52.649	ng	# 63
38) 1-Methylnaphthalene	9.19	142	733	0.054	ng	# 29
46) 1,1'-Biphenyl	9.30	154	2189	0.113	ng	# 88
48) 2-Nitroaniline	9.19	65	2043	0.499	ng	# 1
51) 2,6-Dinitrotoluene	9.87	165	27629	7.160	ng	# 33
52) Acenaphthene	9.87	154	654	0.050	ng	# 5
57) 2,4-Dinitrotoluene	9.87	165	27629	5.624	ng	# 31
58) Fluorene	10.67	166	12477	0.829	ng	# 91
60) Diethylphthalate	10.29	149	113	0.007	ng	# 58
63) Azobenzene	10.67	77	1432	0.095	ng	# 10
65) 4,6-Dinitro-2-methylphenol	10.67	198	600	0.237	ng	# 1
66) n-Nitrosodiphenylamine	10.67	169	9093	0.597	ng	# 48
67) 4-Bromophenyl-phenylether	10.67	248	19486	3.664	ng	# 1
74) Di-n-butylphthalate	11.92	149	511	0.018	ng	# 77
77) Benzidine	12.95	184	21807	2.136	ng	# 93
78) Pyrene	12.95	202	5479	0.213	ng	# 72
81) Benzo(a)anthracene	14.01	228	921	0.042	ng	# 47
83) Chrysene	14.04	228	123	0.006	ng	# 48
84) Bis(2-ethylhexyl)phthalate	13.97	149	974	0.055	ng	# 52
85) Di-n-octyl phthalate	14.61	149	602	0.022	ng	# 77
86) Indeno(1,2,3-cd)pyrene	17.04	276	127	0.008	ng	# 11
88) Benzo(b)fluoranthene	15.07	252	122	0.007	ng	# 1
89) Benzo(k)fluoranthene	15.12	252	113	0.006	ng	# 1
90) Benzo(a)pyrene	15.43	252	111	0.007	ng	# 1
92) Benzo(g,h,i)perylene	17.16	276	118	0.009	ng	# 51

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QLast Update : Mon Jan 28 10:38:18 2019
Response via : Initial Calibration

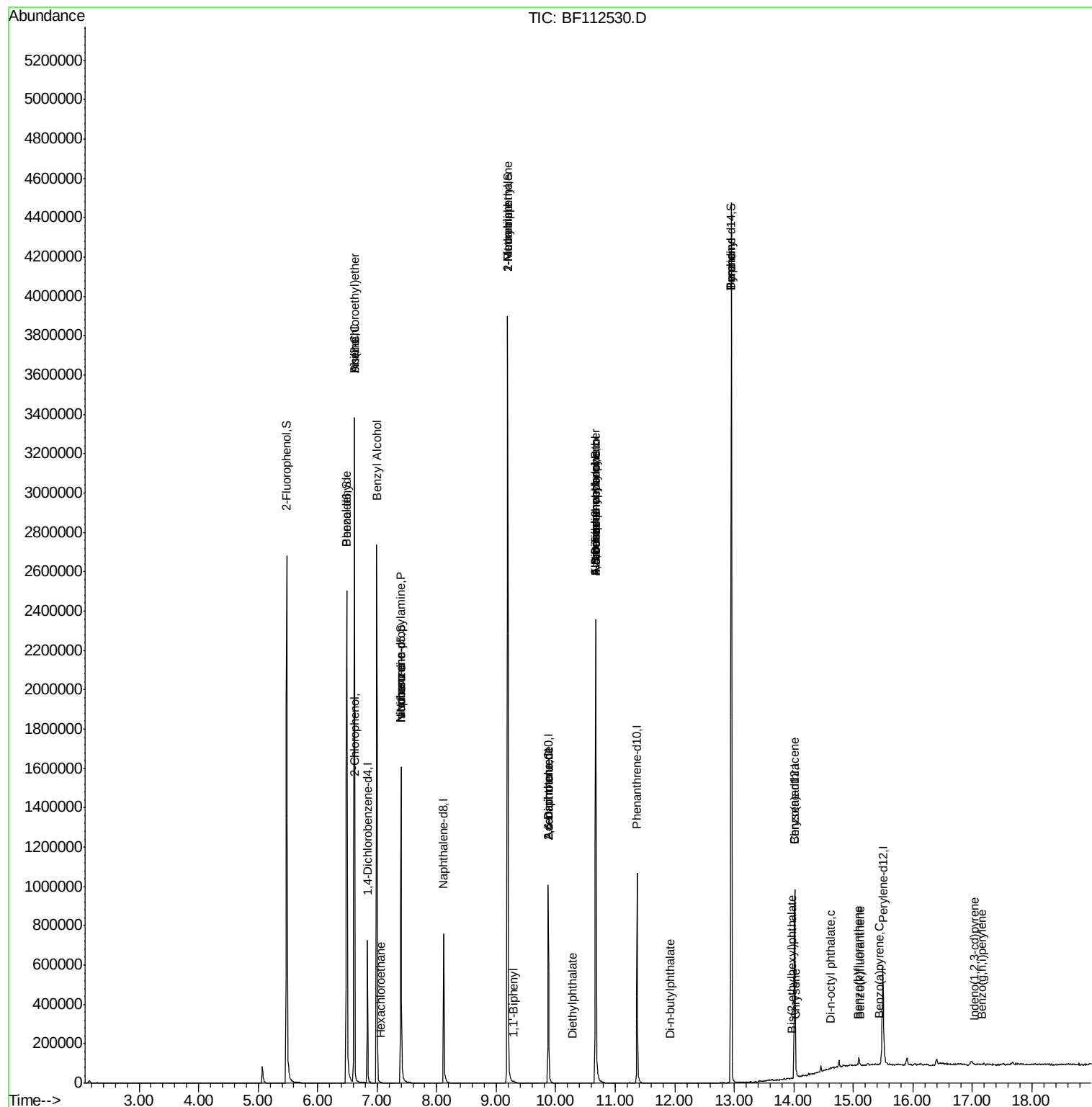
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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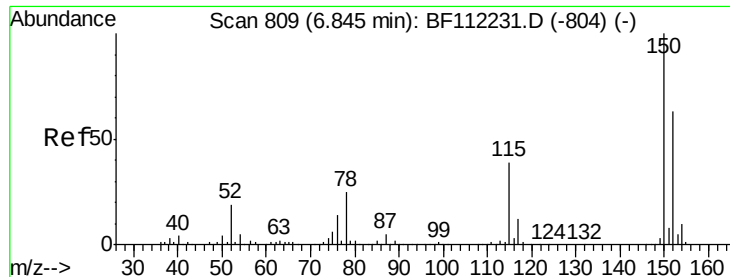
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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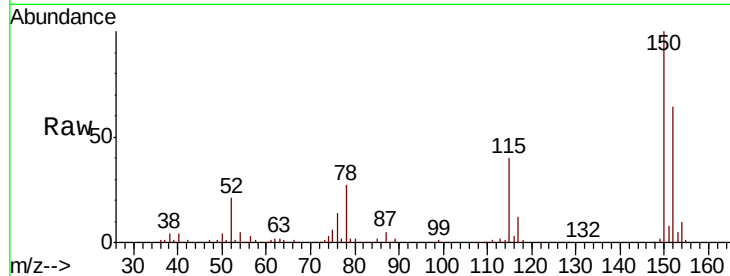


#1

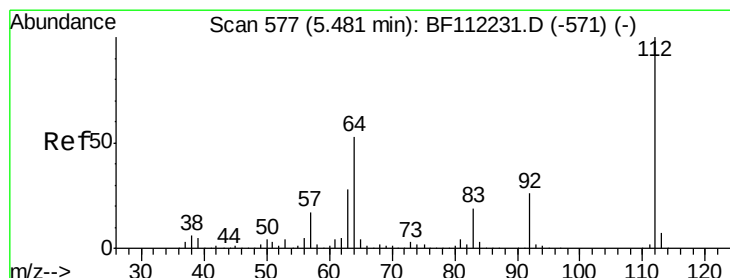
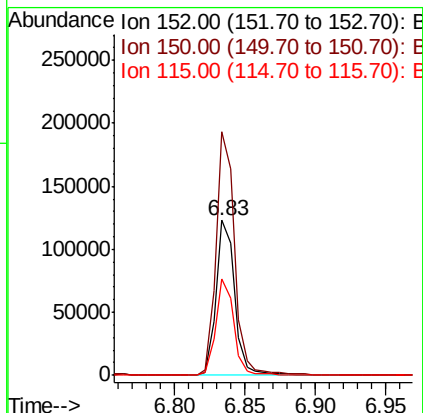
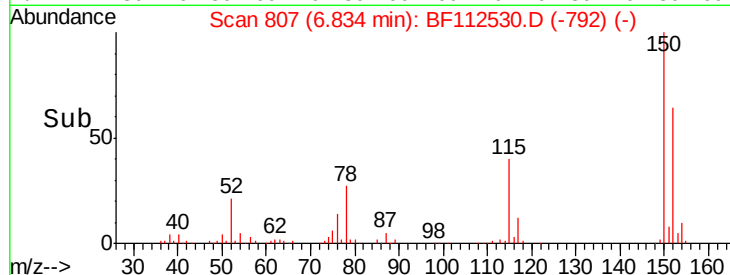
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF112530.D
Acq: 13 Feb 2019 11:06

Instrument :
BNA_F
ClientSampleId :
PB117061BL

Tgt Ion:152 Resp: 113863
Ion Ratio Lower Upper
152 100
150 157.0 127.4 191.0
115 62.5 45.5 68.3



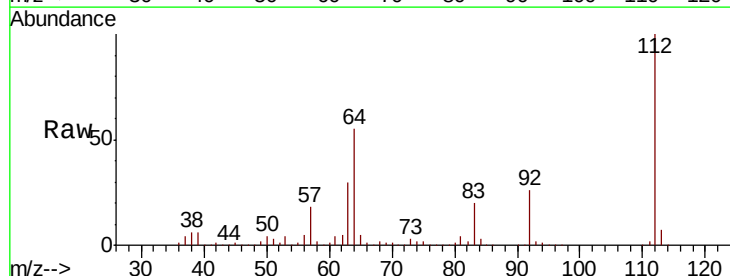
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



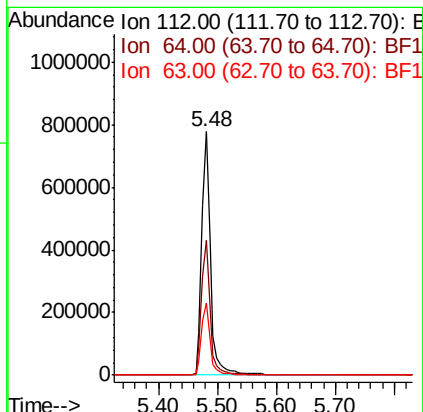
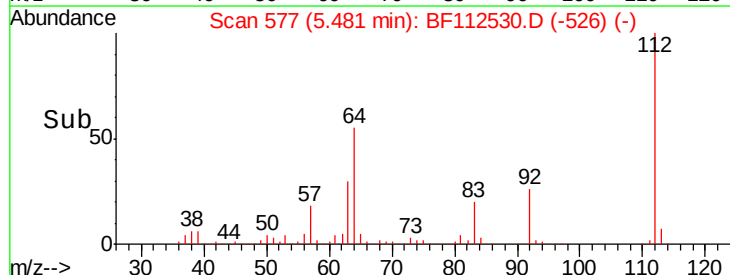
#5

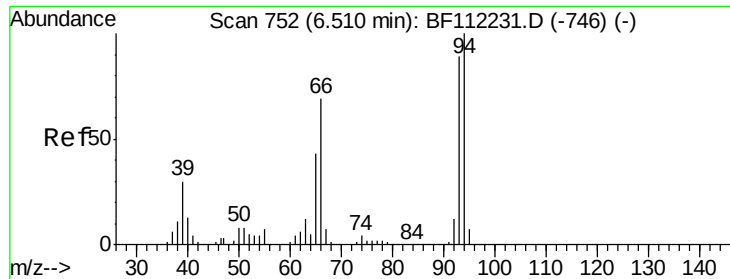
2-Fluorophenol
Concen: 147.852 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.00 min
Lab File: BF112530.D
Acq: 13 Feb 2019 11:06

Tgt Ion:112 Resp: 792579
Ion Ratio Lower Upper
112 100
64 55.4 45.7 68.5
63 29.7 23.6 35.4



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#6

Aniline

Concen: 0.130 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.11 min

Lab File: BF112530.D

Acq: 13 Feb 2019 11:06

Instrument :

BNA_F

ClientSampleId :

PB117061BL

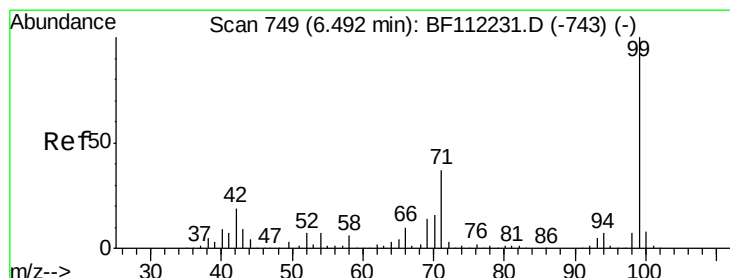
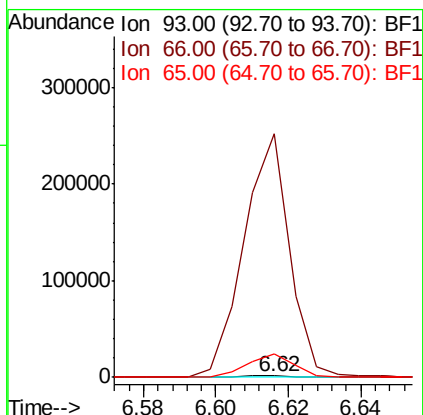
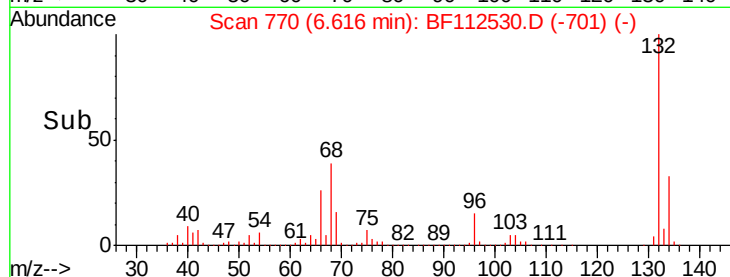
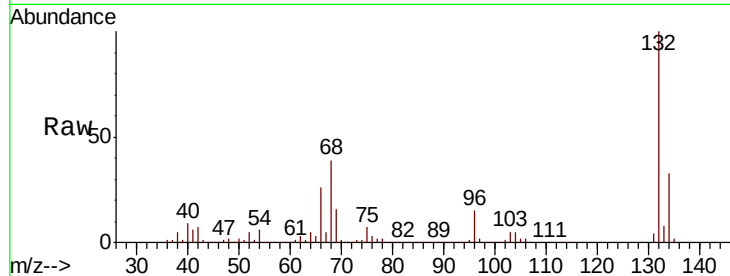
Tgt Ion: 93 Resp: 1155

Ion Ratio Lower Upper

93 100

66 19342.4 43.4 65.2#

65 1903.9 25.3 37.9#



#7

Phenol-d6

Concen: 131.706 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112530.D

Acq: 13 Feb 2019 11:06

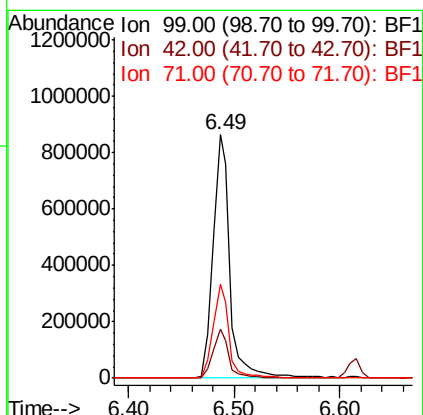
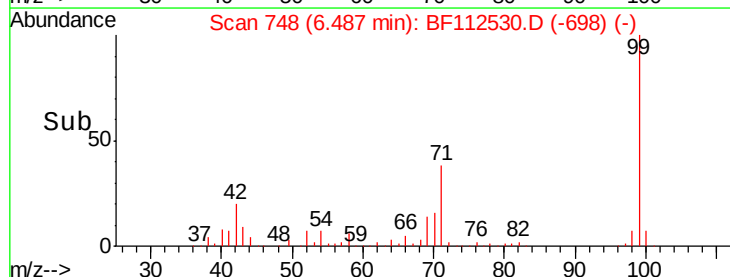
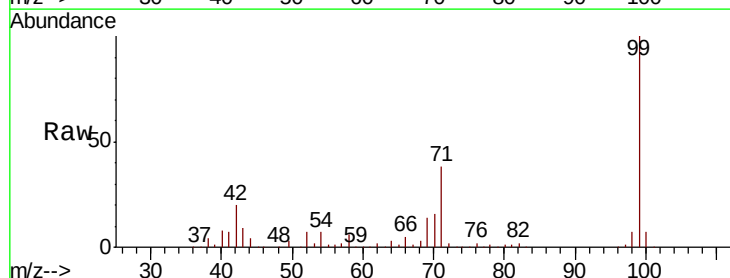
Tgt Ion: 99 Resp: 981055

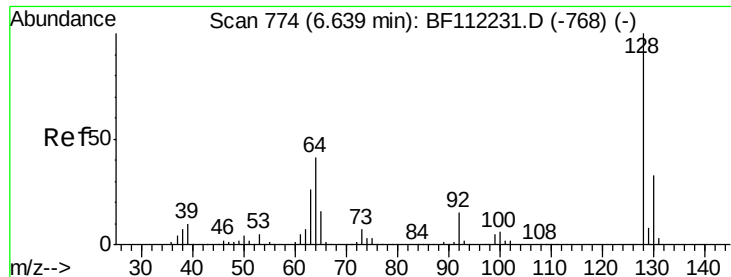
Ion Ratio Lower Upper

99 100

42 20.1 15.1 22.7

71 38.3 26.9 40.3





#8

2-Chlorophenol

Concen: 0.016 ng

RT: 6.63 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF112530.D

Acq: 13 Feb 2019 11:06

Instrument :

BNA_F

ClientSampleId :

PB117061BL

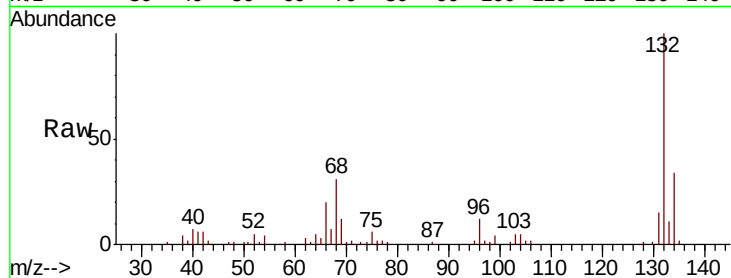
Tgt Ion:128 Resp: 115

Ion Ratio Lower Upper

128 100

130 153.5 13.4 53.4#

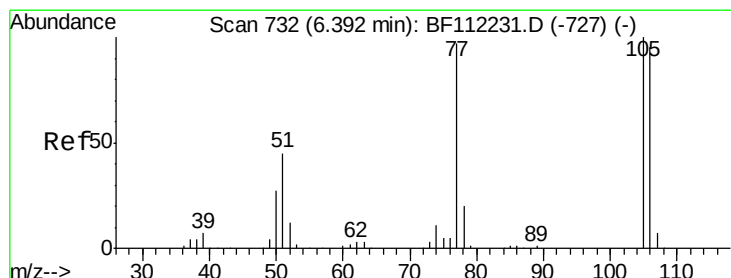
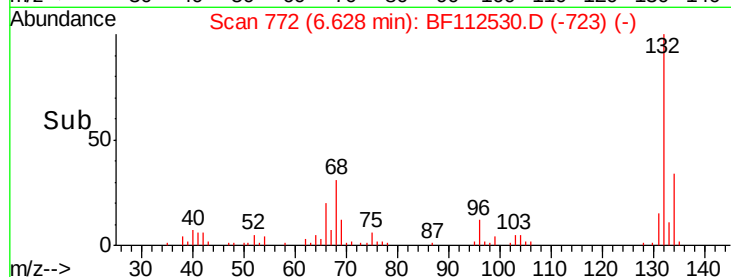
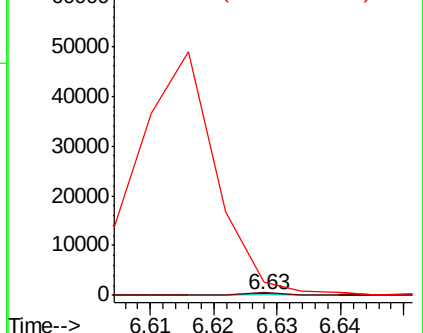
64 813.1 20.5 60.5#



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: 0.419 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.09 min

Lab File: BF112530.D

Acq: 13 Feb 2019 11:06

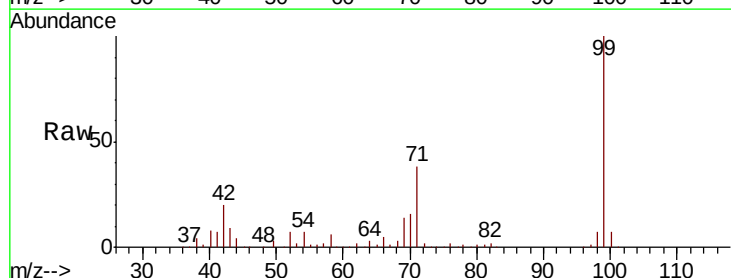
Tgt Ion: 77 Resp: 1633

Ion Ratio Lower Upper

77 100

105 0.0 80.8 120.8#

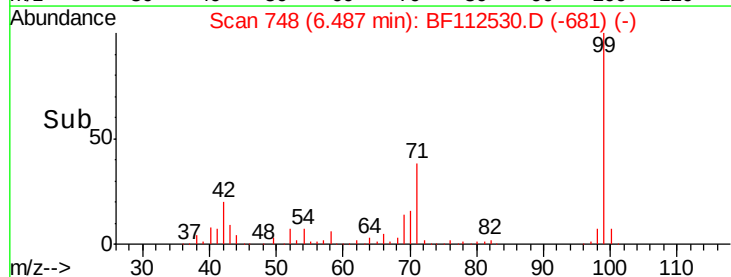
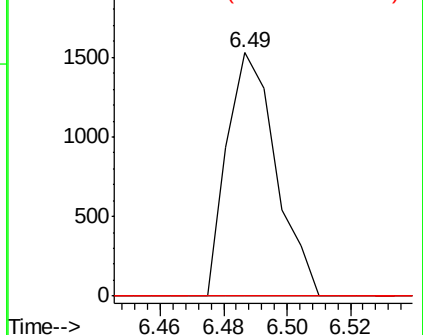
106 0.0 75.7 115.7#

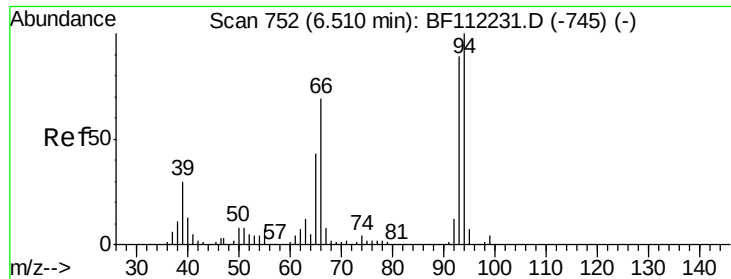


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 0.220 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.11 min

Lab File: BF112530.D

Acq: 13 Feb 2019 11:06

Instrument :

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ClientSampleId :

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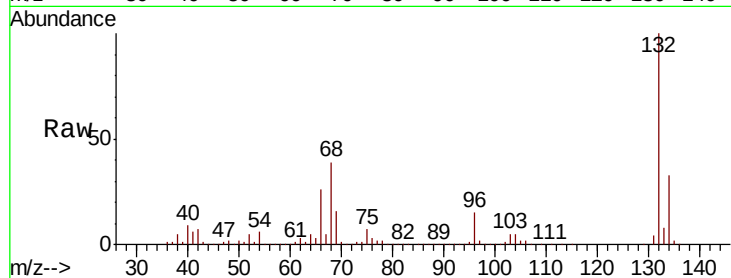
Tgt Ion: 94 Resp: 1799

Ion Ratio Lower Upper

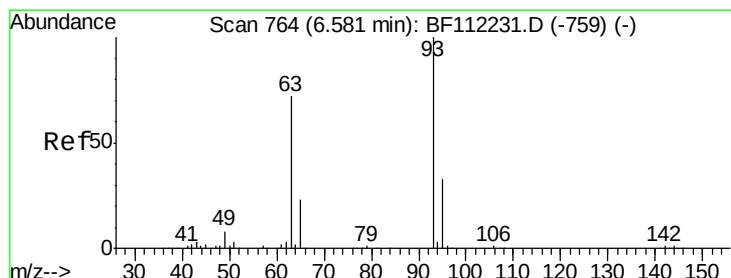
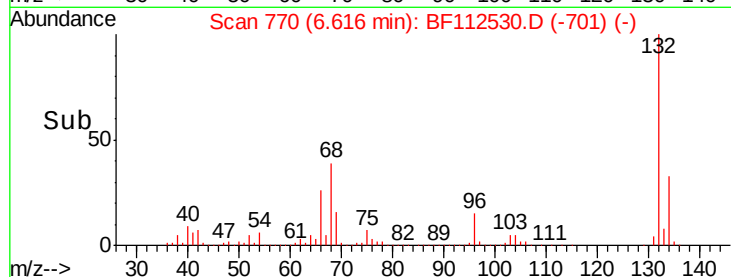
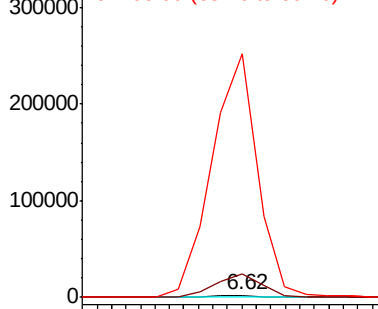
94 100

65 1250.4 20.3 60.3#

66 12703.2 42.4 82.4#



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



#11

bis(2-Chloroethyl)ether

Concen: 0.180 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.04 min

Lab File: BF112530.D

Acq: 13 Feb 2019 11:06

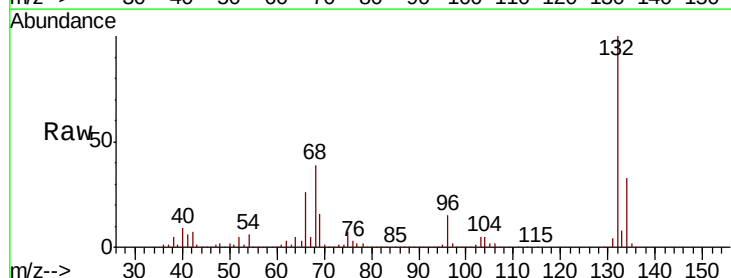
Tgt Ion: 93 Resp: 1155

Ion Ratio Lower Upper

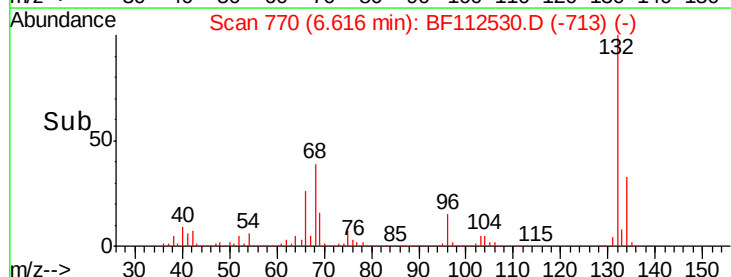
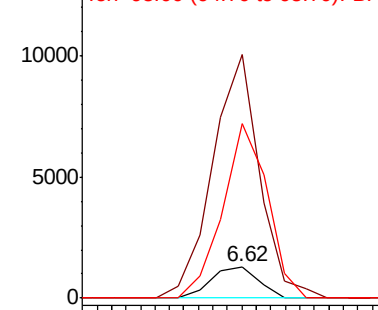
93 100

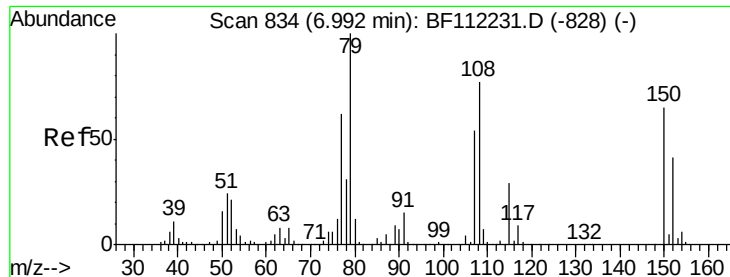
63 772.2 53.3 93.3#

95 553.1 13.4 53.4#



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: 1.603 ng

RT: 6.99 min Scan# 834

Delta R.T. 0.00 min

Lab File: BF112530.D

Acq: 13 Feb 2019 11:06

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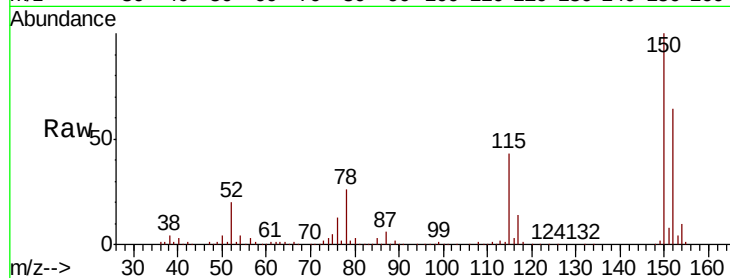
Tgt Ion: 79 Resp: 10068

Ion Ratio Lower Upper

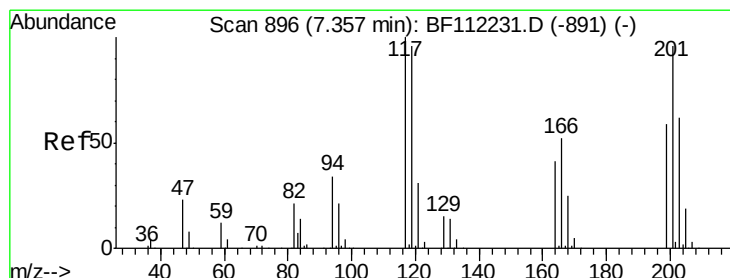
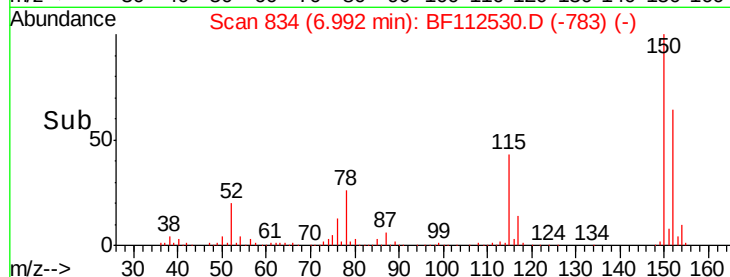
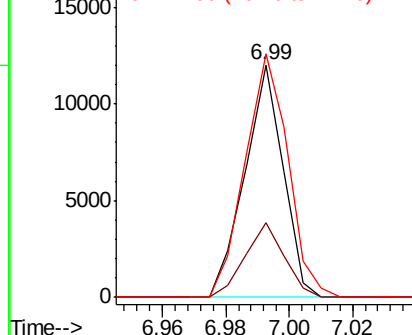
79 100

108 32.1 64.2 96.2#

77 104.7 50.3 75.5#



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



#18

Hexachloroethane

Concen: 0.043 ng

RT: 7.06 min Scan# 846

Delta R.T. -0.29 min

Lab File: BF112530.D

Acq: 13 Feb 2019 11:06

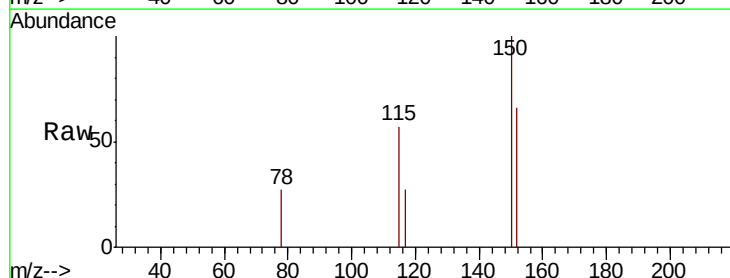
Tgt Ion: 117 Resp: 131

Ion Ratio Lower Upper

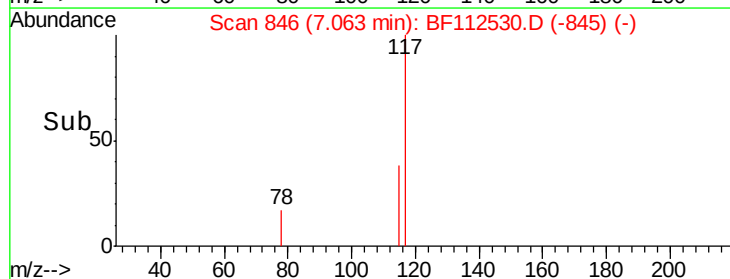
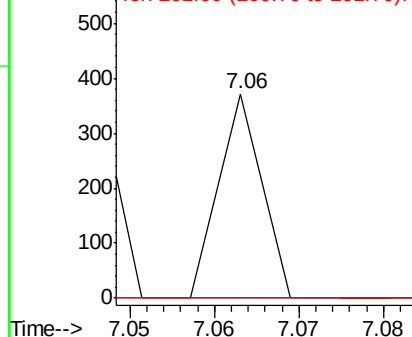
117 100

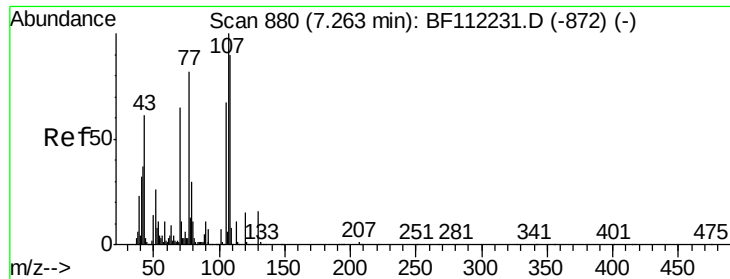
119 0.0 77.0 115.4#

201 0.0 74.1 111.1#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

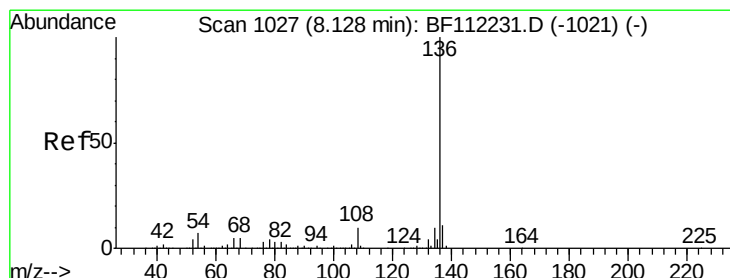
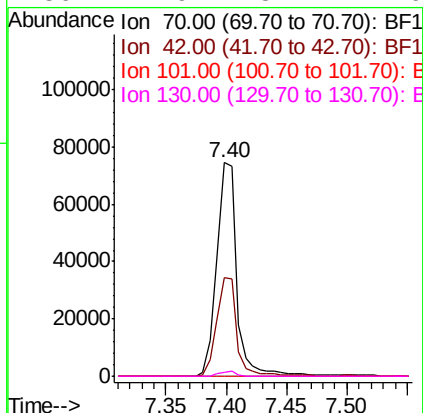
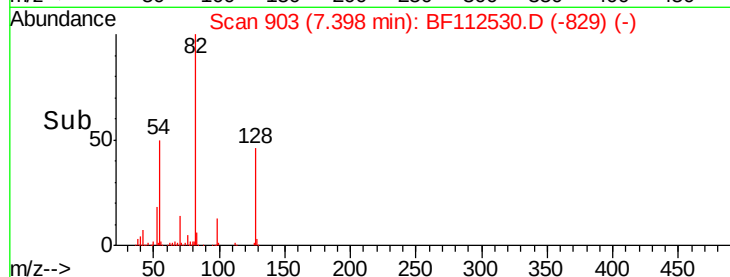
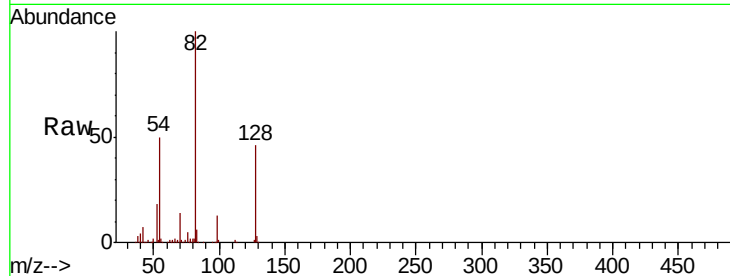




#19
n-Nitroso-di-n-propylamine
Concen: 16.592 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.14 min
Lab File: BF112530.D
Acq: 13 Feb 2019 11:06

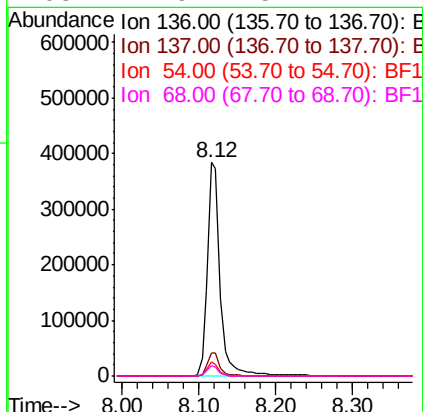
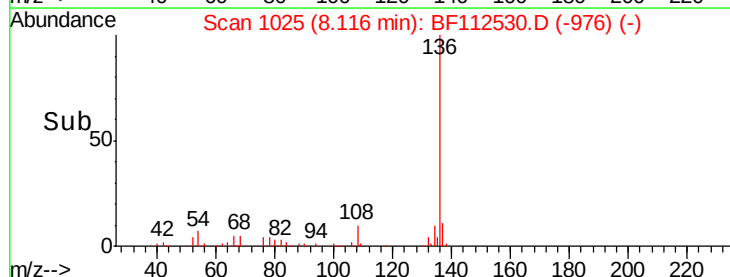
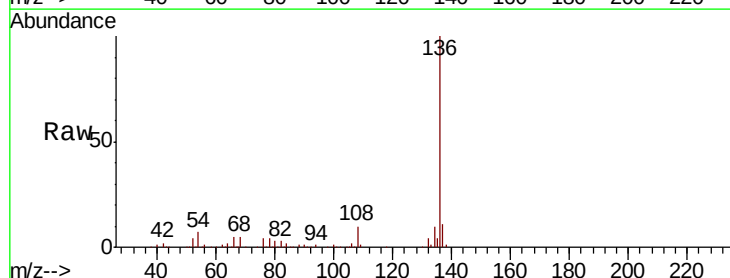
Instrument :
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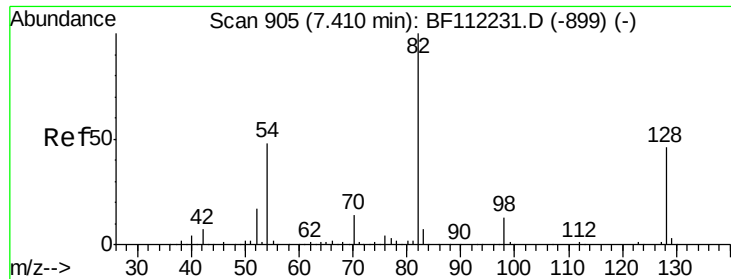
Tgt Ion:	70	Resp:	85219
Ion	Ratio	Lower	Upper
70	100		
42	46.4	47.6	71.4#
101	0.0	7.9	11.9#
130	1.9	18.4	27.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF112530.D
Acq: 13 Feb 2019 11:06

Tgt Ion:	136	Resp:	438580
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	6.7	5.9	8.9
68	4.9	5.1	7.7#

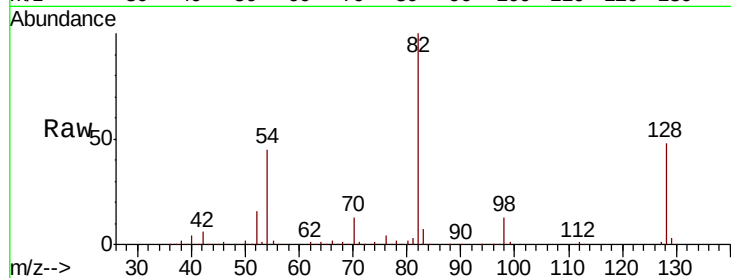




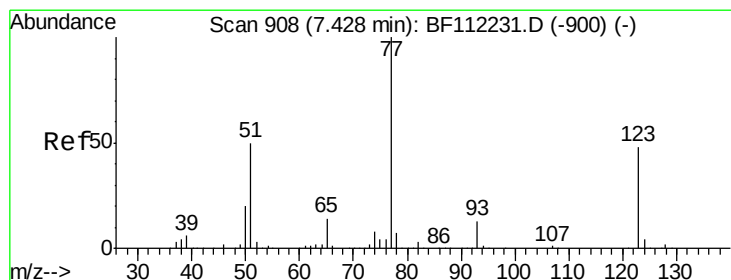
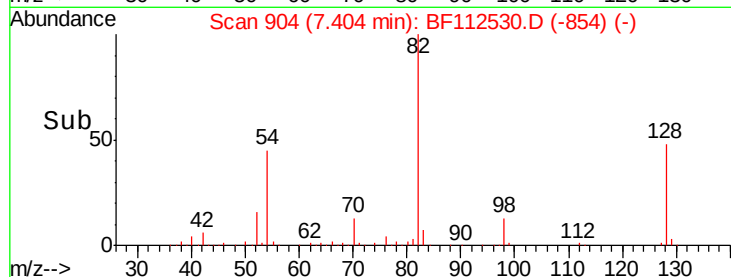
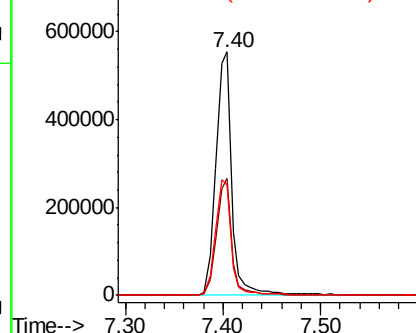
#23
 Nitrobenzene-d5
 Concen: 82.587 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BF112530.D
 Acq: 13 Feb 2019 11:06

Instrument :
 BNA_F
 ClientSampleId :
 PB117061BL

Tgt Ion: 82 Resp: 628619
 Ion Ratio Lower Upper
 82 100
 128 48.1 37.8 56.8
 54 45.4 39.7 59.5

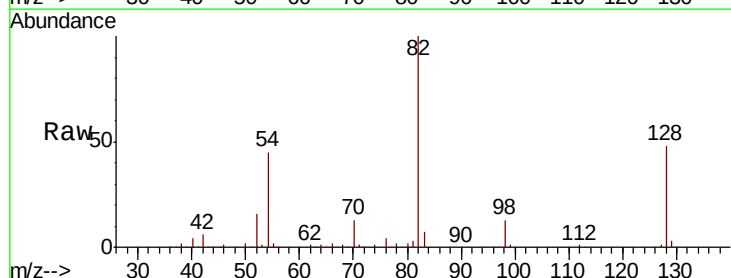


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

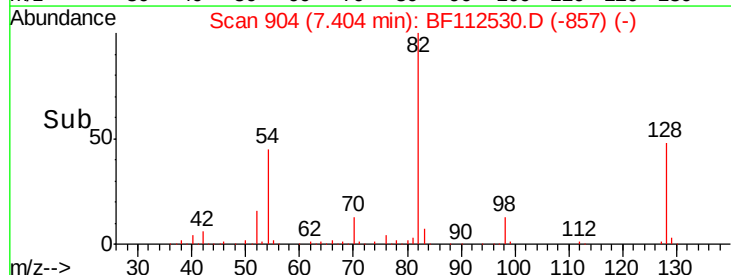
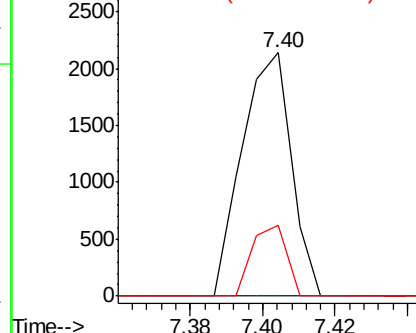


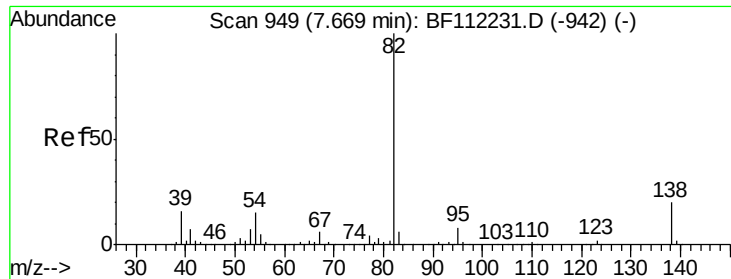
#24
 Nitrobenzene
 Concen: 0.265 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.02 min
 Lab File: BF112530.D
 Acq: 13 Feb 2019 11:06

Tgt Ion: 77 Resp: 2014
 Ion Ratio Lower Upper
 77 100
 123 0.0 38.4 57.6#
 65 29.3 10.6 15.8#



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: 52.649 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.26 min

Lab File: BF112530.D

Acq: 13 Feb 2019 11:06

Instrument :

BNA_F

ClientSampled :

PB117061BL

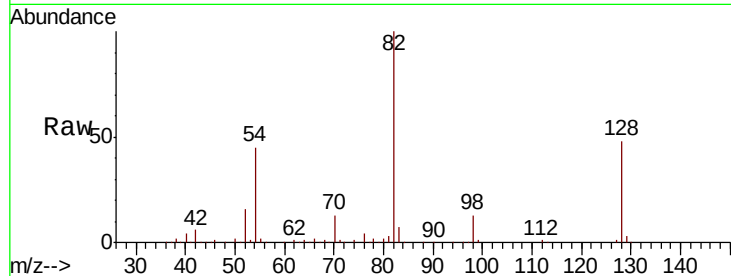
Tgt Ion: 82 Resp: 628682

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

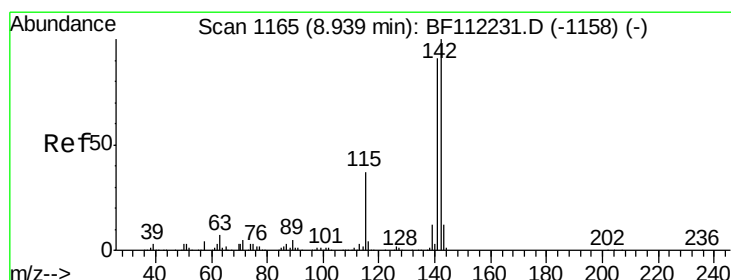
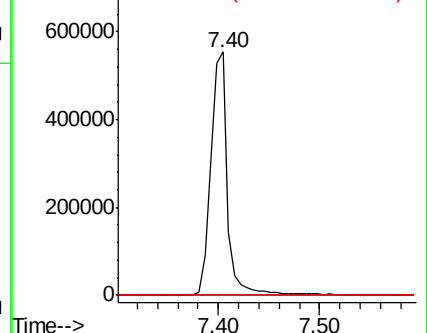
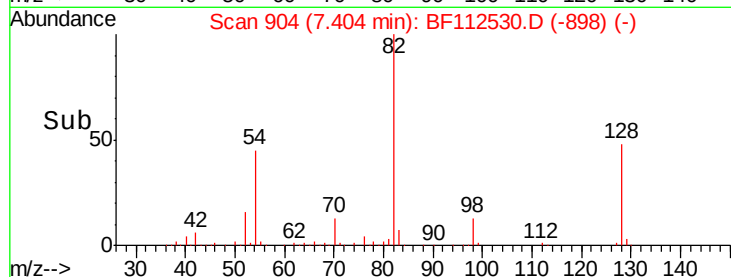
138 0.0 15.4 23.0#



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



#38

1-Methylnaphthalene

Concen: 0.054 ng

RT: 9.19 min Scan# 1208

Delta R.T. 0.25 min

Lab File: BF112530.D

Acq: 13 Feb 2019 11:06

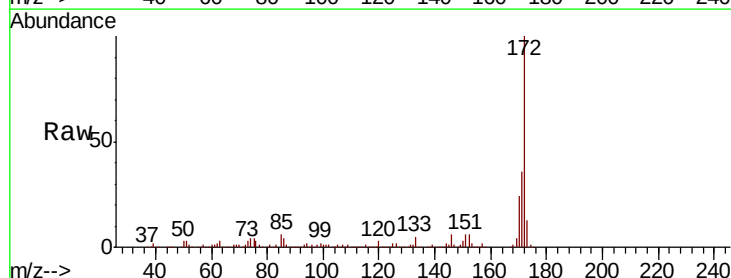
Tgt Ion: 142 Resp: 733

Ion Ratio Lower Upper

142 100

141 46.1 72.6 108.8#

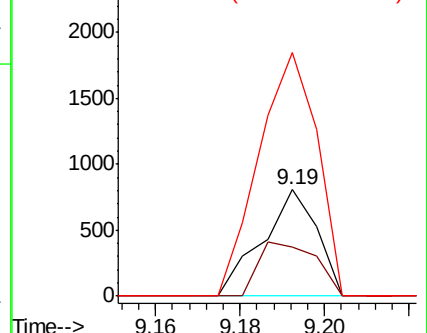
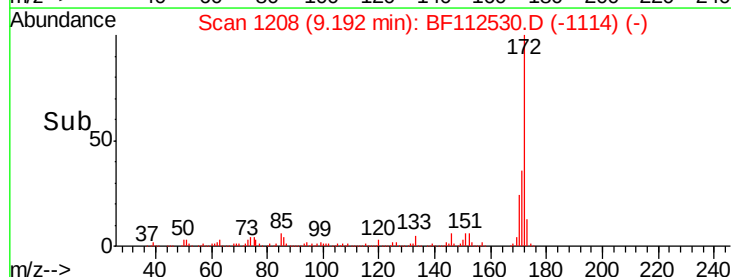
116 228.9 2.8 4.2#

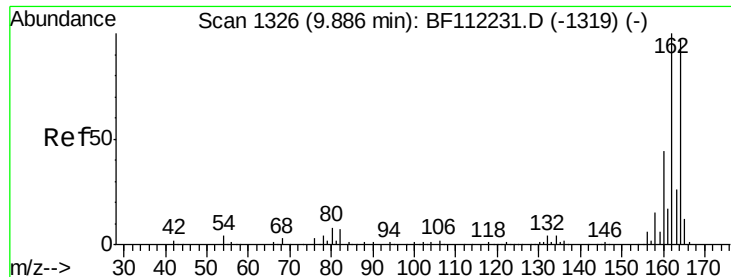


Abundance Ion 142.00 (141.70 to 142.70): E

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: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF112530.D

Acq: 13 Feb 2019 11:06

Instrument :

BNA_F

ClientSampleId :

PB117061BL

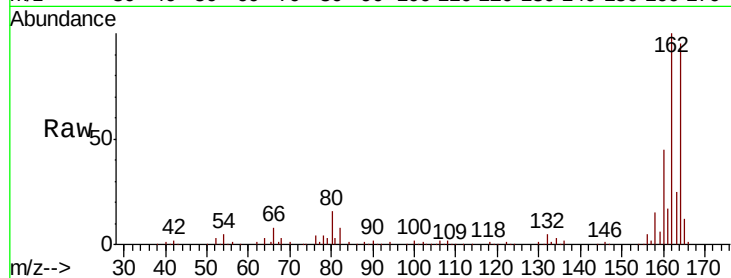
Tgt Ion:164 Resp: 221753

Ion Ratio Lower Upper

164 100

162 104.8 82.2 123.4

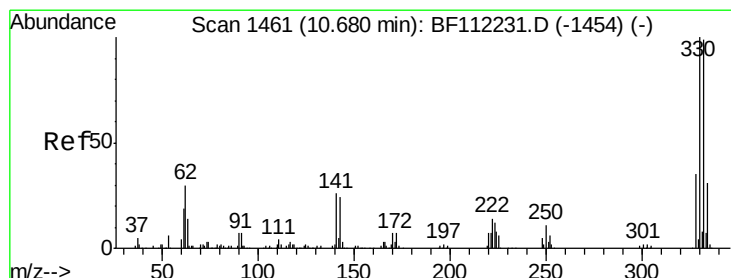
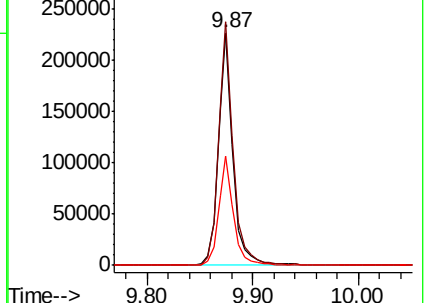
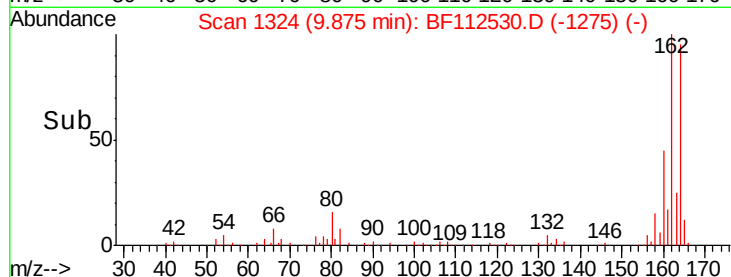
160 46.9 36.2 54.4



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: 128.702 ng

RT: 10.67 min Scan# 1460

Delta R.T. -0.01 min

Lab File: BF112530.D

Acq: 13 Feb 2019 11:06

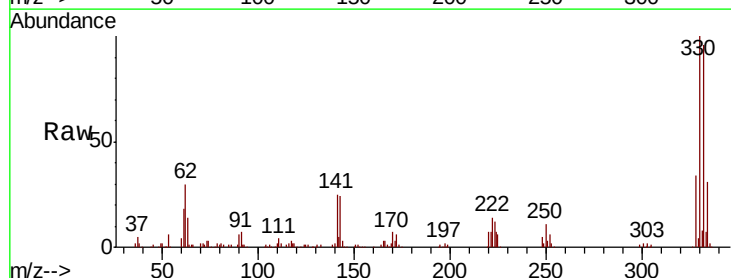
Tgt Ion:330 Resp: 332198

Ion Ratio Lower Upper

330 100

332 96.4 76.6 114.8

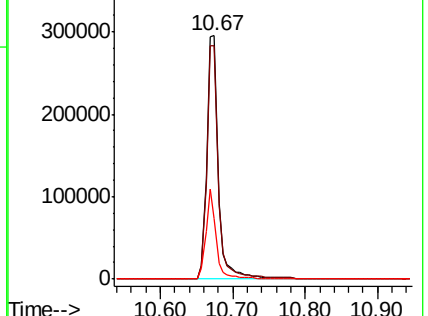
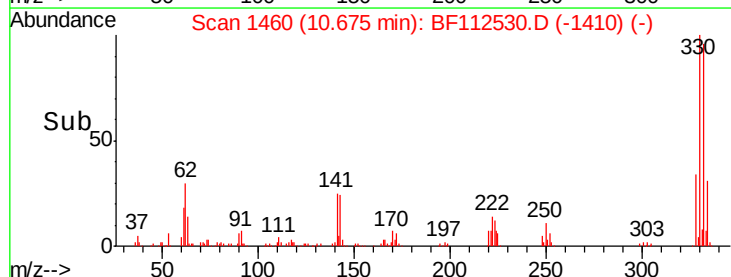
141 32.8 24.3 36.5

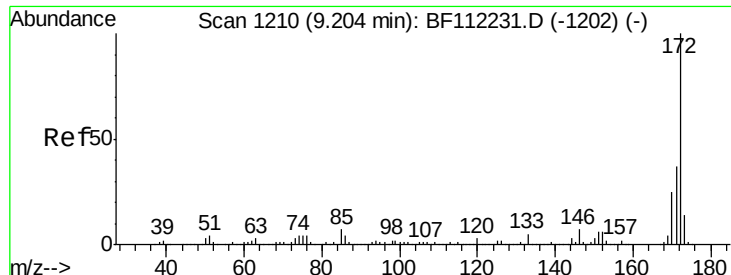


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

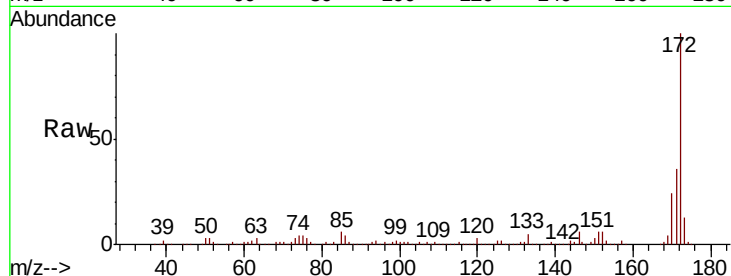




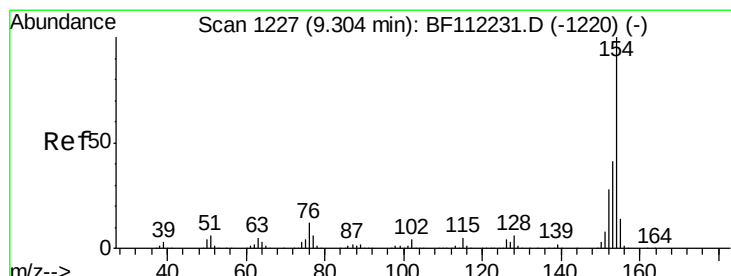
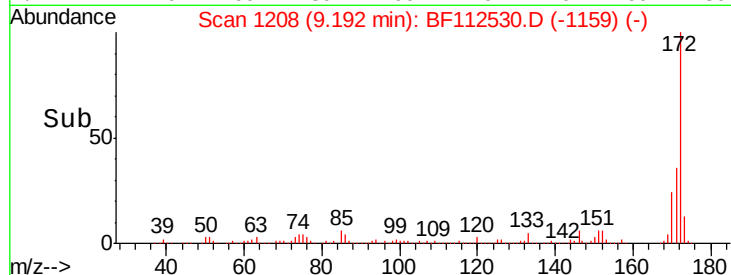
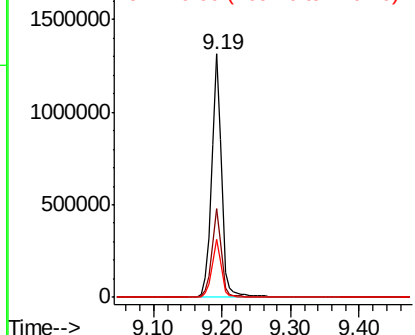
#45
 2-Fluorobiphenyl
 Concen: 85.185 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF112530.D
 Acq: 13 Feb 2019 11:06

Instrument :
 BNA_F
 ClientSampleId :
 PB117061BL

Tgt Ion:172 Resp: 1335611
 Ion Ratio Lower Upper
 172 100
 171 36.5 30.5 45.7
 170 24.0 20.2 30.4

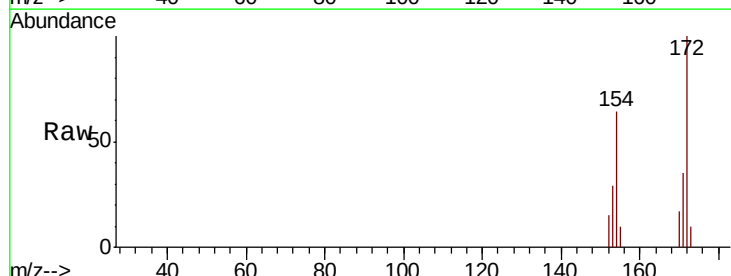


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

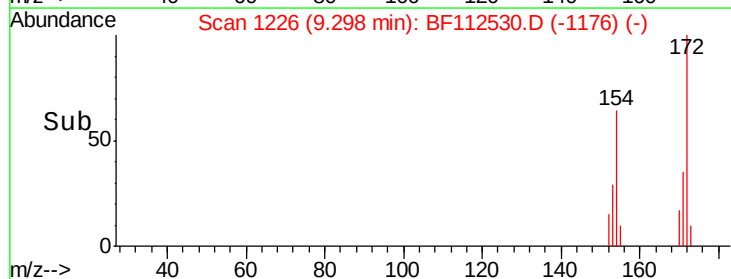
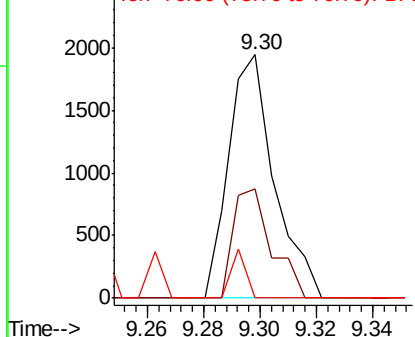


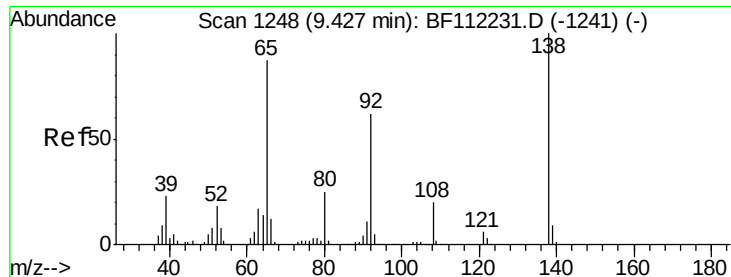
#46
 1,1'-Biphenyl
 Concen: 0.113 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF112530.D
 Acq: 13 Feb 2019 11:06

Tgt Ion:154 Resp: 2189
 Ion Ratio Lower Upper
 154 100
 153 45.1 21.5 61.5
 76 0.0 0.0 33.1



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





#48

2-Nitroaniline

Concen: 0.499 ng

RT: 9.19 min Scan# 1208

Delta R.T. -0.24 min

Lab File: BF112530.D

Acq: 13 Feb 2019 11:06

Instrument :

BNA_F

ClientSampleId :

PB117061BL

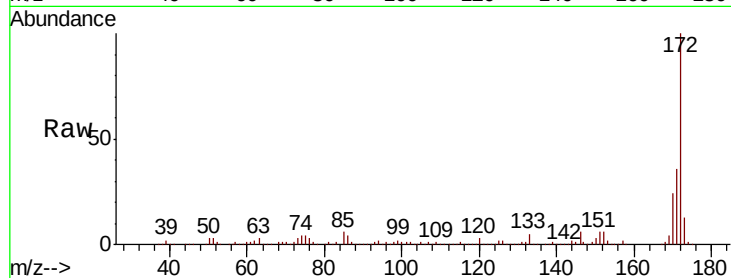
Tgt Ion: 65 Resp: 2043

Ion Ratio Lower Upper

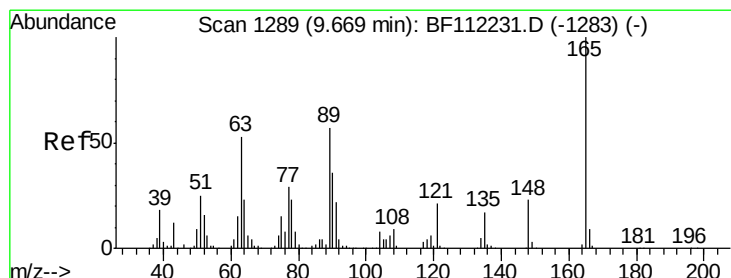
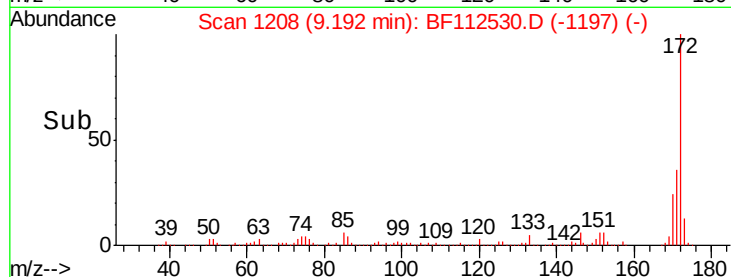
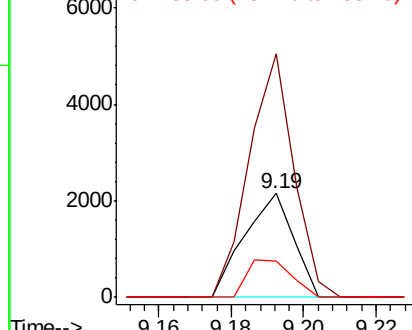
65 100

92 234.2 60.4 90.6#

138 35.2 104.4 156.6#



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



#51

2,6-Dinitrotoluene

Concen: 7.160 ng

RT: 9.87 min Scan# 1324

Delta R.T. 0.21 min

Lab File: BF112530.D

Acq: 13 Feb 2019 11:06

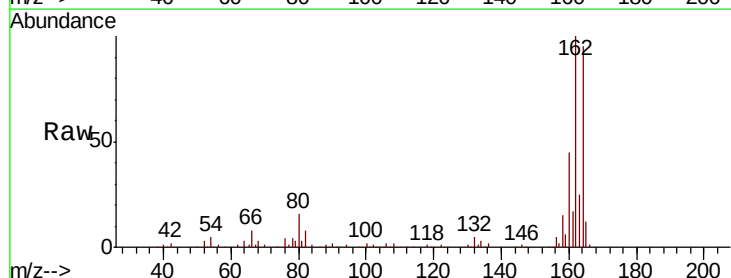
Tgt Ion: 165 Resp: 27629

Ion Ratio Lower Upper

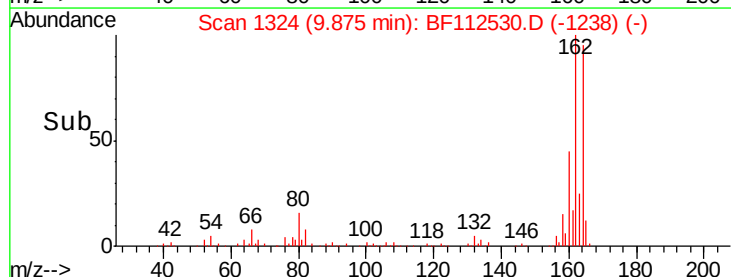
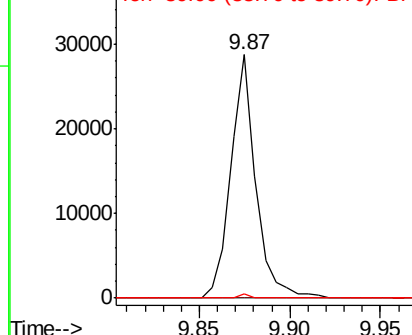
165 100

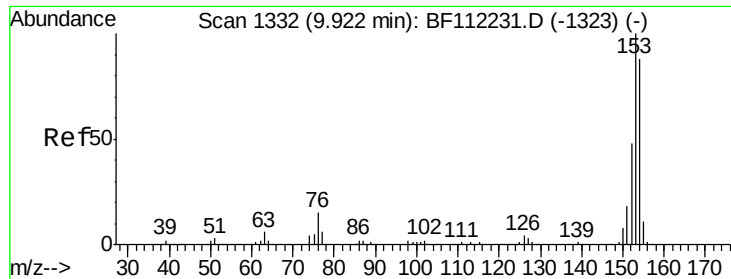
63 0.0 33.8 50.8#

89 1.8 36.9 55.3#



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: 0.050 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.05 min

Lab File: BF112530.D

Acq: 13 Feb 2019 11:06

Instrument :

BNA_F

ClientSampleId :

PB117061BL

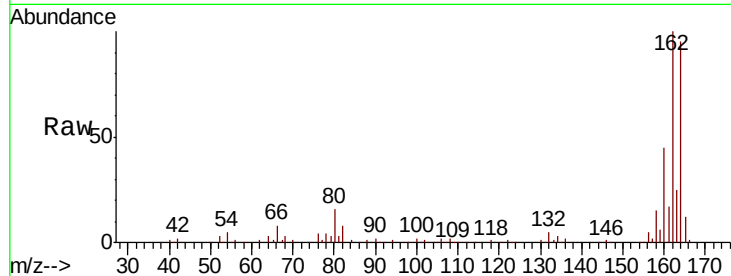
Tgt Ion:154 Resp: 654

Ion Ratio Lower Upper

154 100

153 0.0 89.8 134.6#

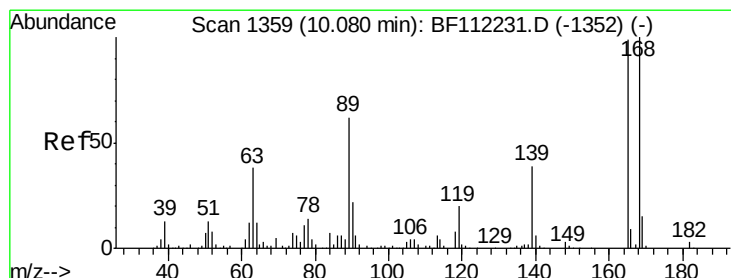
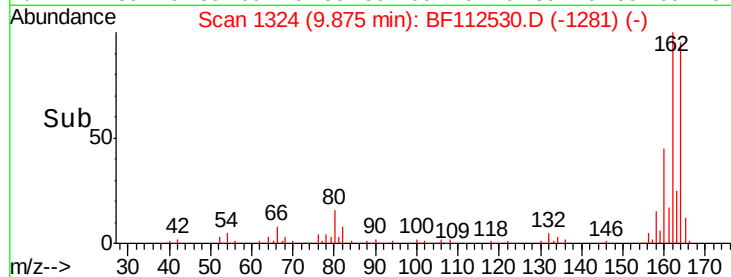
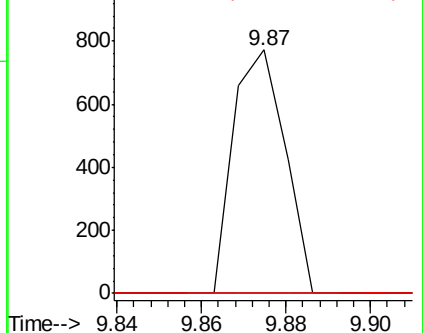
152 0.0 43.5 65.3#



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: 5.624 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.21 min

Lab File: BF112530.D

Acq: 13 Feb 2019 11:06

Tgt Ion:165 Resp: 27629

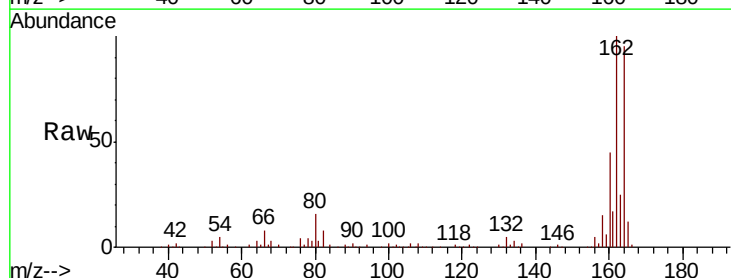
Ion Ratio Lower Upper

165 100

63 0.0 27.9 41.9#

89 1.8 47.9 71.9#

182 0.0 2.2 3.4#

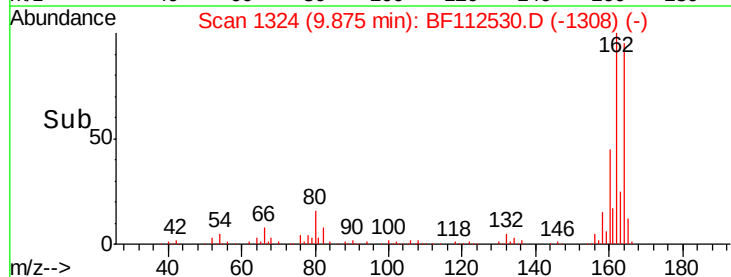
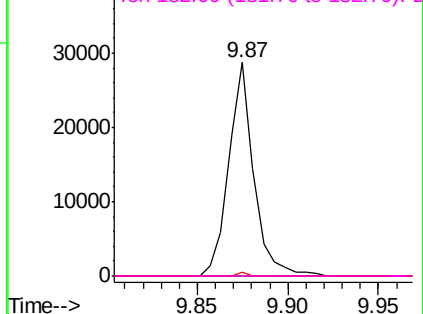


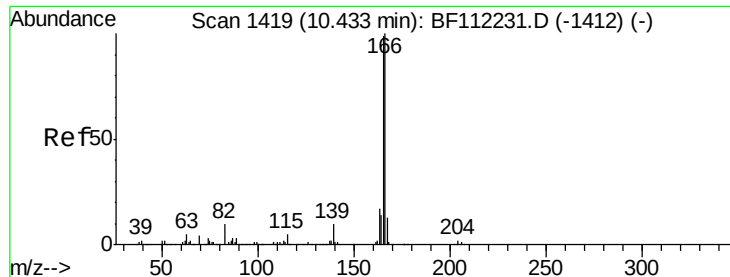
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





#58

Fluorene

Concen: 0.829 ng

RT: 10.67 min Scan# 1459

Delta R.T. 0.24 min

Lab File: BF112530.D

Acq: 13 Feb 2019 11:06

Instrument :

BNA_F

ClientSampleId :

PB117061BL

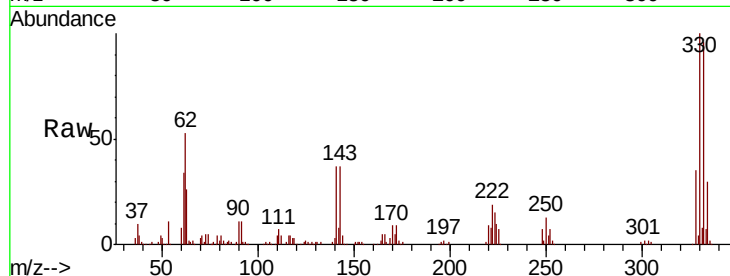
Tgt Ion:166 Resp: 12477

Ion Ratio Lower Upper

166 100

165 101.2 77.1 115.7

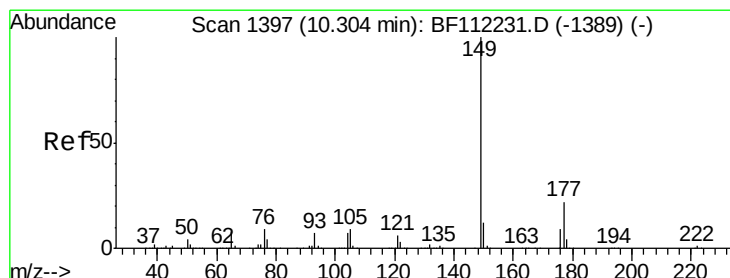
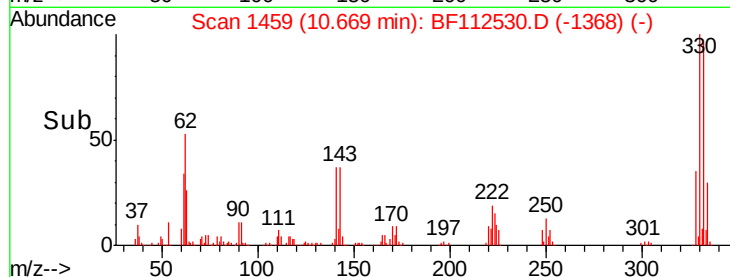
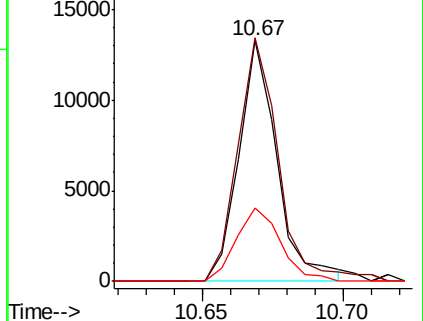
167 30.7 11.3 16.9#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#60

Diethylphthalate

Concen: 0.007 ng

RT: 10.29 min Scan# 1394

Delta R.T. -0.02 min

Lab File: BF112530.D

Acq: 13 Feb 2019 11:06

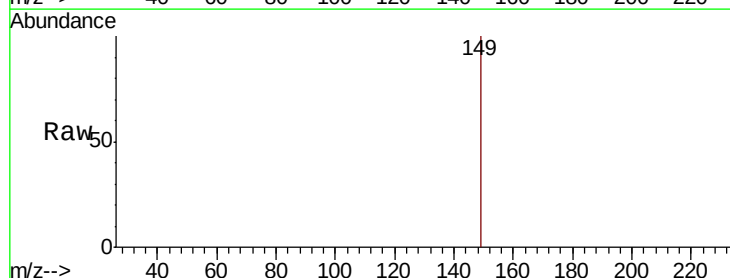
Tgt Ion:149 Resp: 113

Ion Ratio Lower Upper

149 100

177 0.0 18.2 27.2#

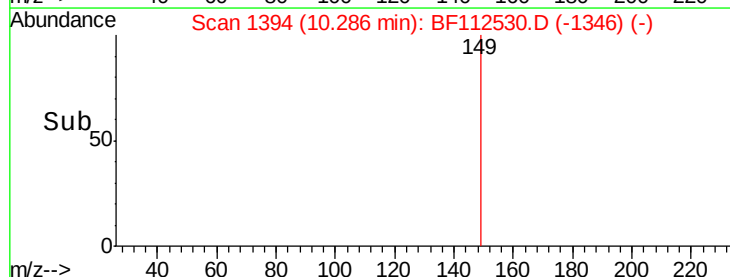
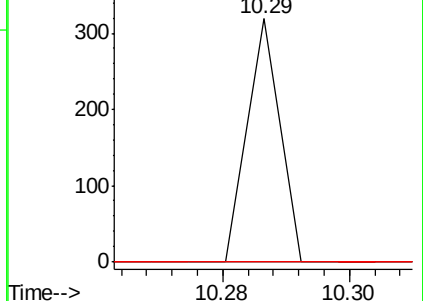
150 0.0 10.4 15.6#

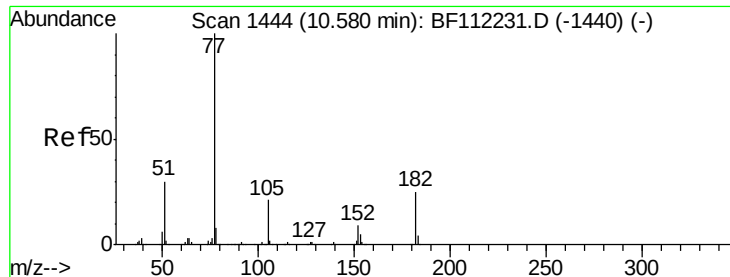


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#63

Azobenzene

Concen: 0.095 ng

RT: 10.67 min Scan# 1459

Delta R.T. 0.09 min

Lab File: BF112530.D

Acq: 13 Feb 2019 11:06

Instrument :

BNA_F

ClientSampleId :

PB117061BL

Tgt Ion: 77 Resp: 1432

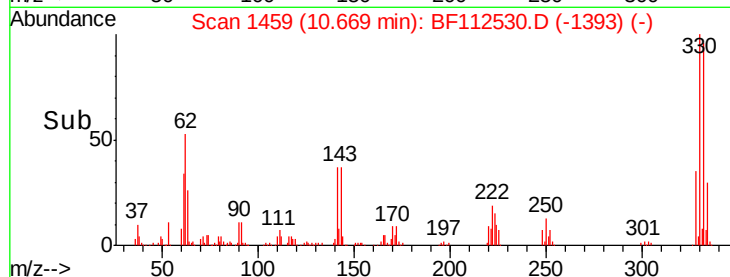
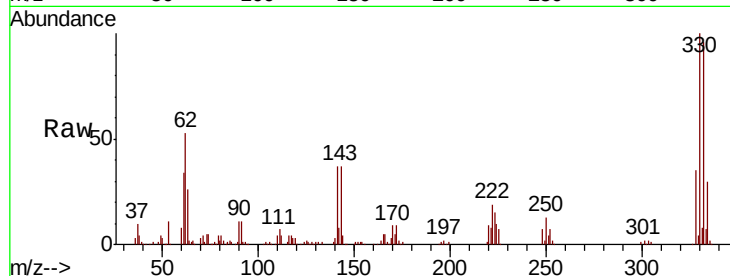
Ion Ratio Lower Upper

77 100

182 0.0 5.7 45.7#

105 84.2 1.4 41.4#

51 80.1 9.5 49.5#

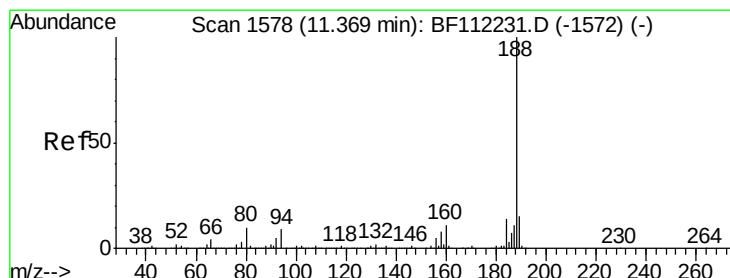
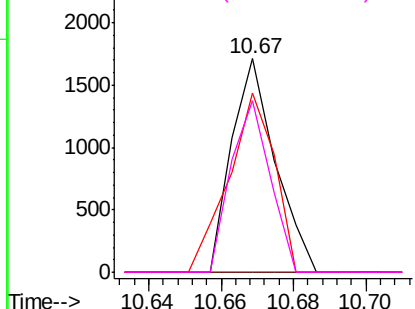


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF112530.D

Acq: 13 Feb 2019 11:06

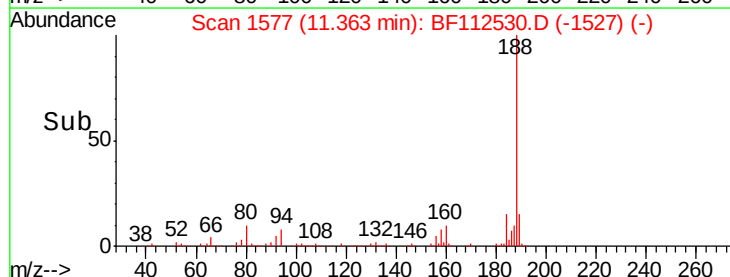
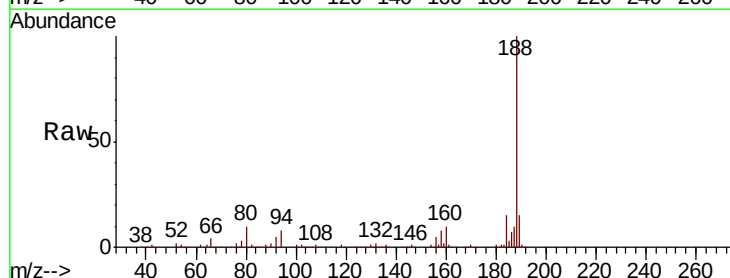
Tgt Ion: 188 Resp: 452180

Ion Ratio Lower Upper

188 100

94 8.3 8.2 12.2

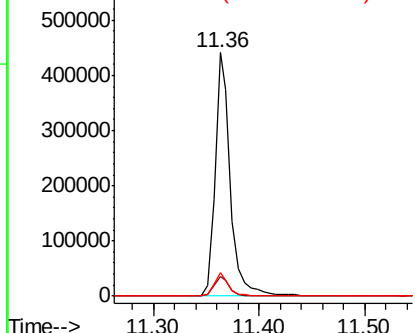
80 9.5 8.9 13.3

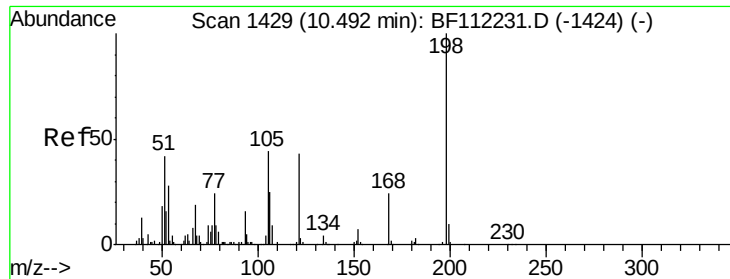


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

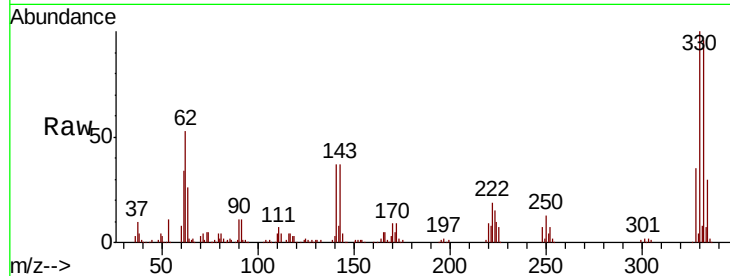




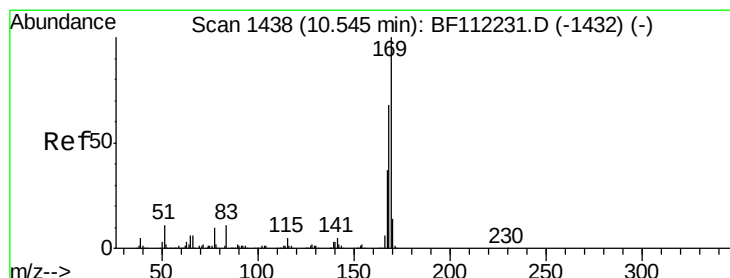
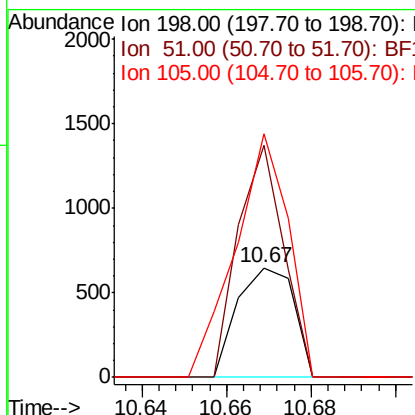
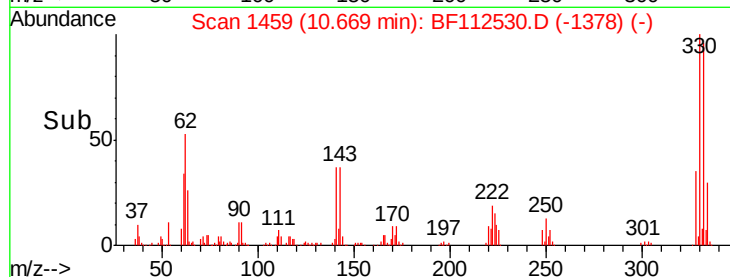
#65
 4,6-Dinitro-2-methylphenol
 Concen: 0.237 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. 0.18 min
 Lab File: BF112530.D
 Acq: 13 Feb 2019 11:06

Instrument :
 BNA_F
 ClientSampleId :
 PB117061BL

Tgt Ion:198 Resp: 600
 Ion Ratio Lower Upper
 198 100
 51 211.4 17.2 57.2#
 105 222.0 21.9 61.9#

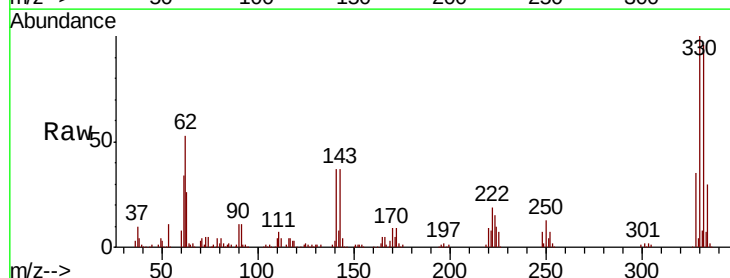


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

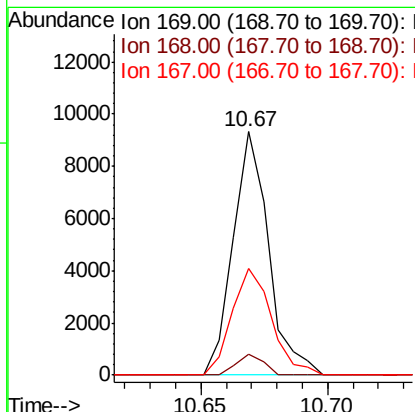
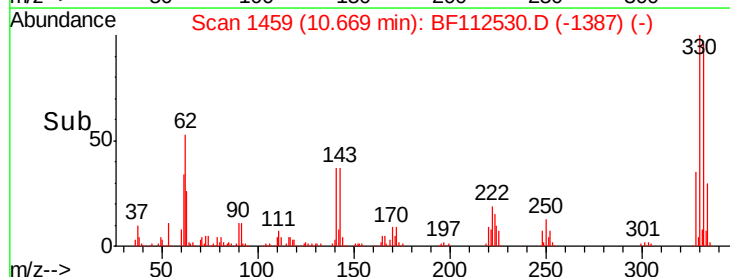


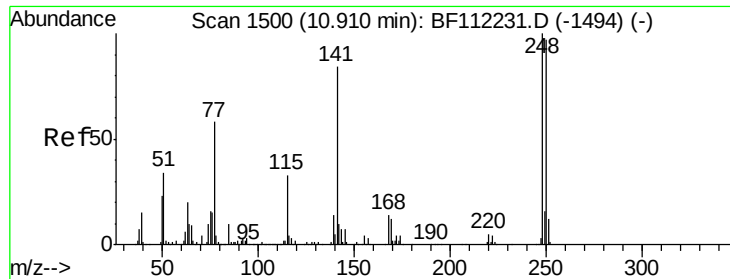
#66
 n-Nitrosodiphenylamine
 Concen: 0.597 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. 0.12 min
 Lab File: BF112530.D
 Acq: 13 Feb 2019 11:06

Tgt Ion:169 Resp: 9093
 Ion Ratio Lower Upper
 169 100
 168 8.7 53.9 80.9#
 167 43.7 28.9 43.3#



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

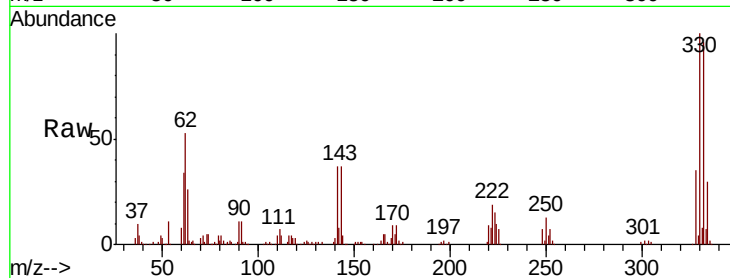




#67
 4-Bromophenyl-phenylether
 Concen: 3.664 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.24 min
 Lab File: BF112530.D
 Acq: 13 Feb 2019 11:06

Instrument :
 BNA_F
 ClientSampleId :
 PB117061BL

Tgt Ion	Ratio	Lower	Upper
248	100		
250	205.2	79.7	119.5#
141	566.9	60.3	90.5#

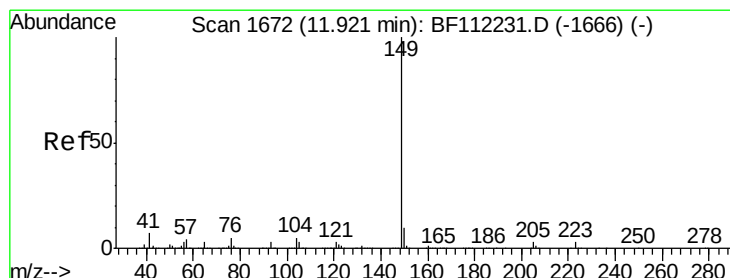
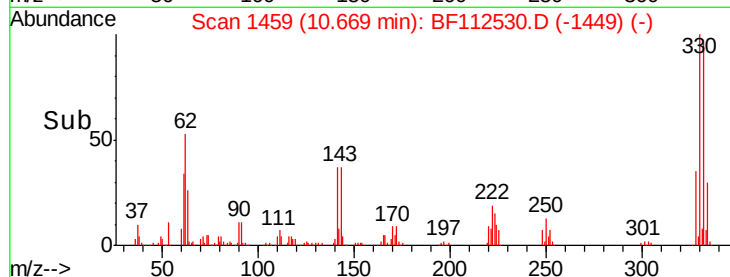
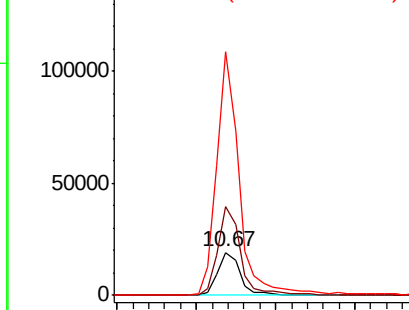


Abundance

Ion 248.00 (247.70 to 248.70): E

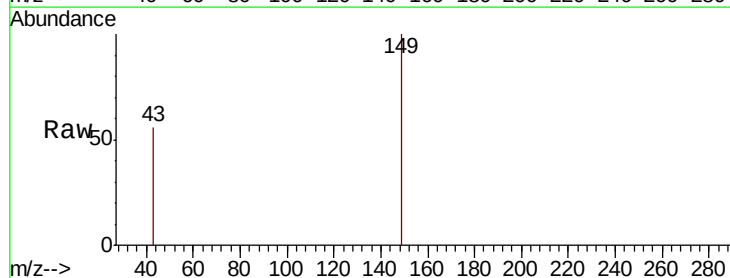
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#74
 Di-n-butylphthalate
 Concen: 0.018 ng
 RT: 11.92 min Scan# 1672
 Delta R.T. 0.00 min
 Lab File: BF112530.D
 Acq: 13 Feb 2019 11:06

Tgt Ion	Ratio	Lower	Upper
149	100		
150	0.0	8.1	12.1#
104	0.0	3.9	5.9#

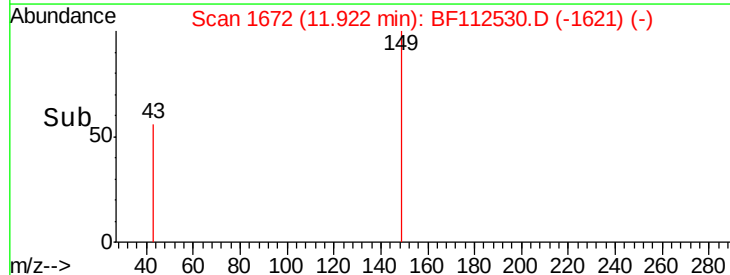
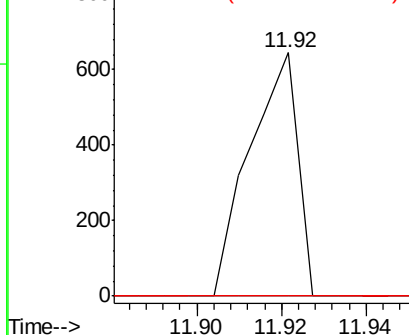


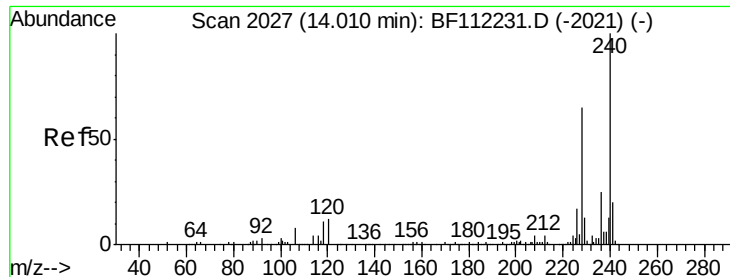
Abundance

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





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.01 min

Lab File: BF112530.D

Acq: 13 Feb 2019 11:06

Instrument :

BNA_F

ClientSampleId :

PB117061BL

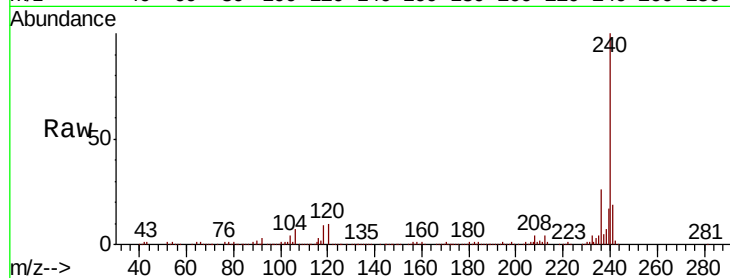
Tgt Ion:240 Resp: 370919

Ion Ratio Lower Upper

240 100

120 9.7 9.0 13.6

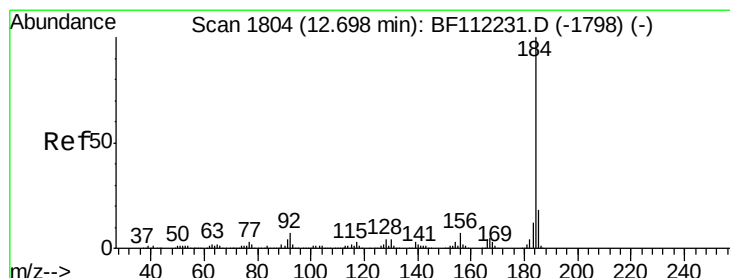
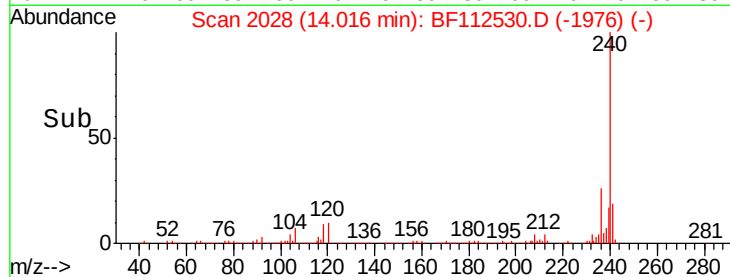
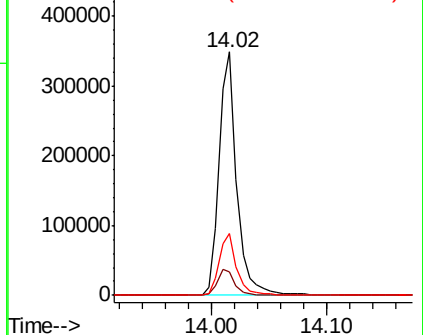
236 25.5 20.7 31.1



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: 2.136 ng

RT: 12.95 min Scan# 1847

Delta R.T. 0.25 min

Lab File: BF112530.D

Acq: 13 Feb 2019 11:06

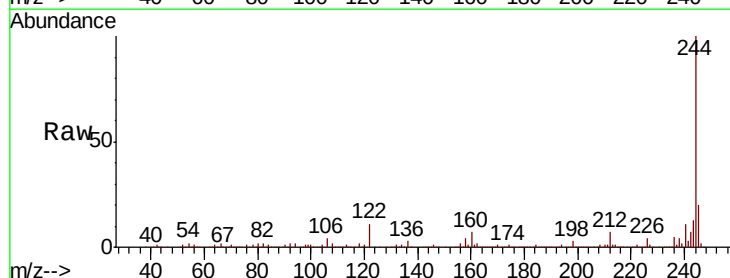
Tgt Ion:184 Resp: 21807

Ion Ratio Lower Upper

184 100

185 14.8 13.9 20.9

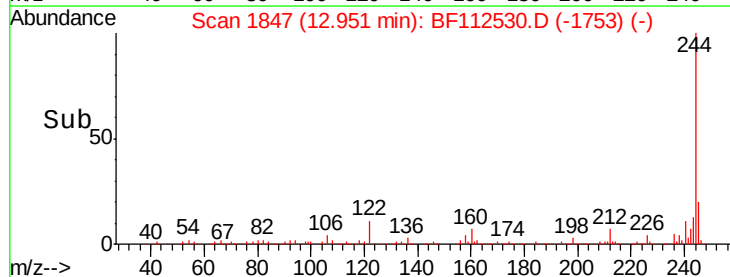
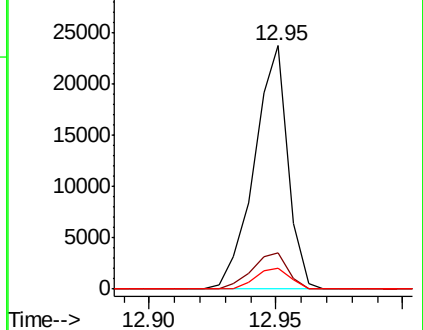
183 8.7 10.0 15.0#

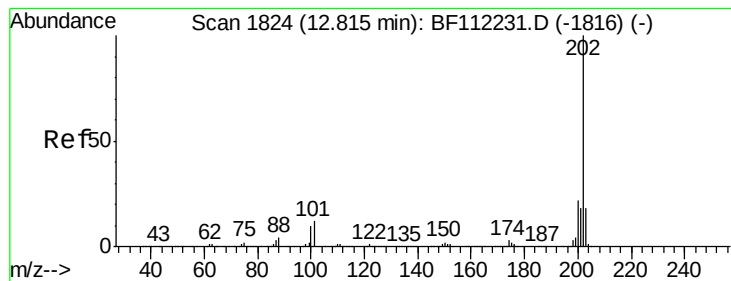


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Pyrene

Concen: 0.213 ng

RT: 12.95 min Scan# 1847

Delta R.T. 0.14 min

Lab File: BF112530.D

Acq: 13 Feb 2019 11:06

Instrument :

BNA_F

ClientSampleId :

PB117061BL

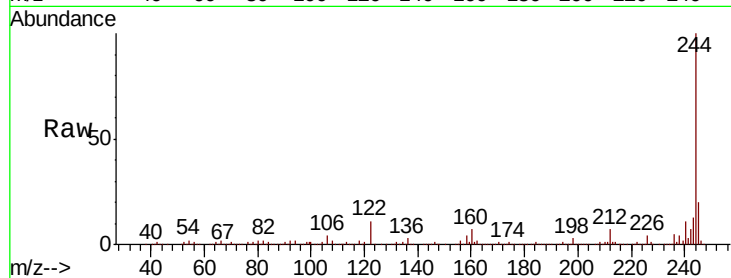
Tgt Ion:202 Resp: 5479

Ion Ratio Lower Upper

202 100

200 46.1 17.7 26.5#

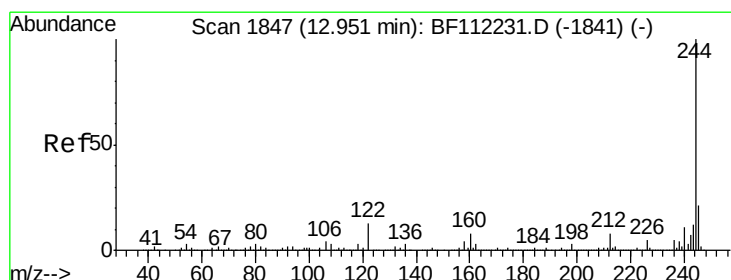
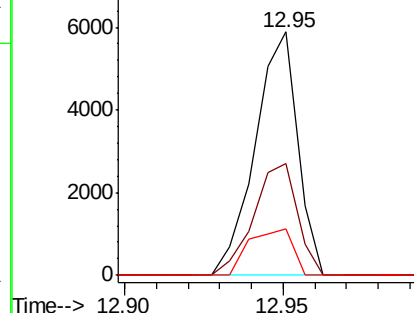
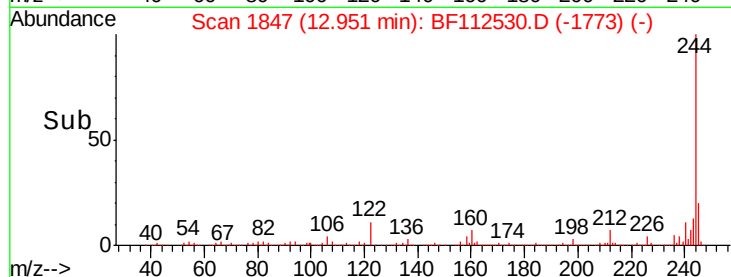
203 19.2 14.6 22.0



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: 78.472 ng

RT: 12.95 min Scan# 1847

Delta R.T. 0.00 min

Lab File: BF112530.D

Acq: 13 Feb 2019 11:06

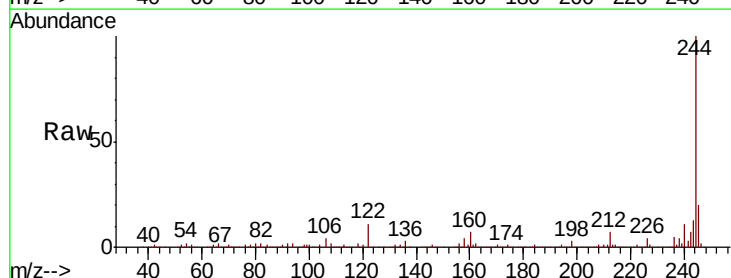
Tgt Ion:244 Resp: 1545405

Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

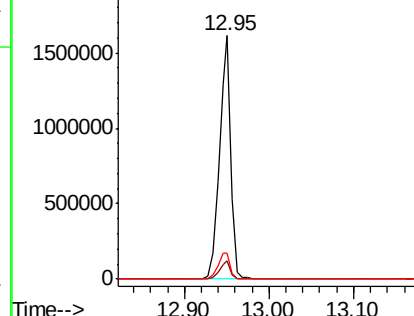
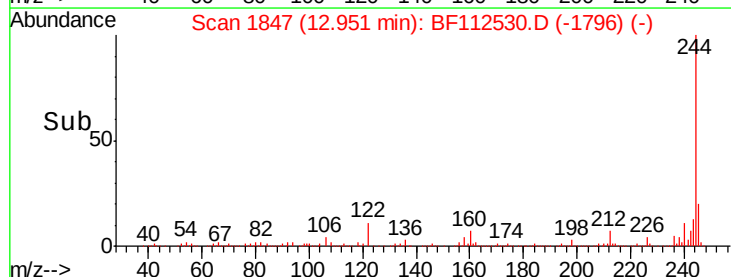
122 10.9 9.8 14.6

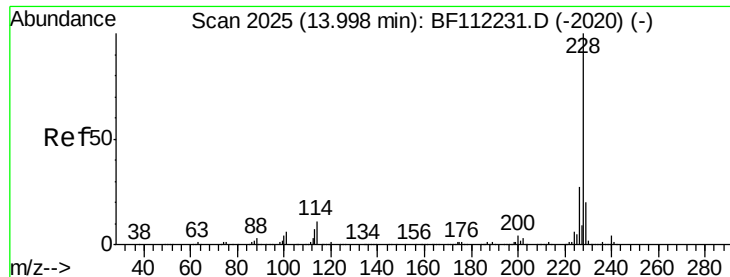


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#81

Benzo(a)anthracene

Concen: 0.042 ng

RT: 14.01 min Scan# 2027

Delta R.T. 0.01 min

Lab File: BF112530.D

Acq: 13 Feb 2019 11:06

Instrument :

BNA_F

ClientSampleId :

PB117061BL

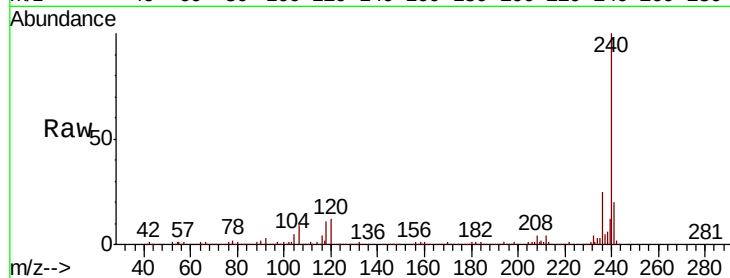
Tgt Ion:228 Resp: 921

Ion Ratio Lower Upper

228 100

226 0.0 22.6 34.0#

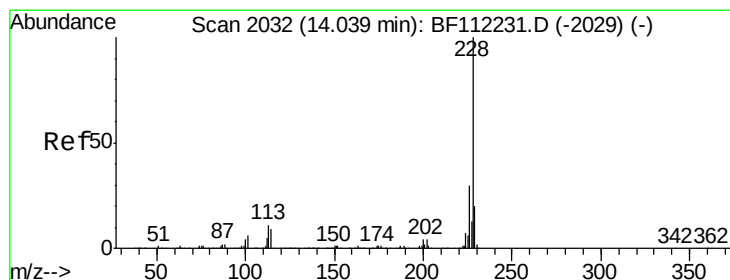
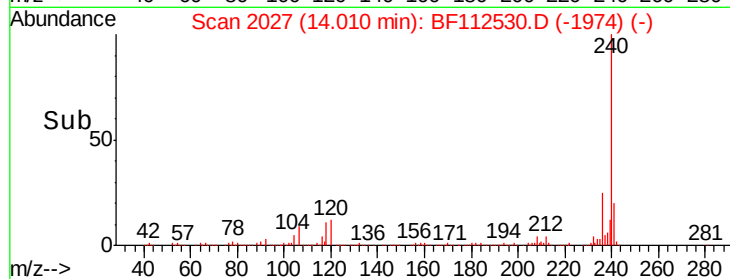
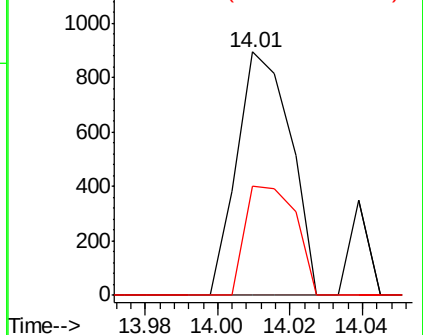
229 44.9 16.5 24.7#



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: 0.006 ng

RT: 14.04 min Scan# 2032

Delta R.T. 0.00 min

Lab File: BF112530.D

Acq: 13 Feb 2019 11:06

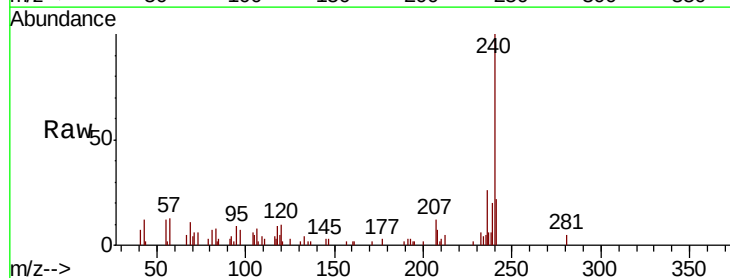
Tgt Ion:228 Resp: 123

Ion Ratio Lower Upper

228 100

226 0.0 25.0 37.6#

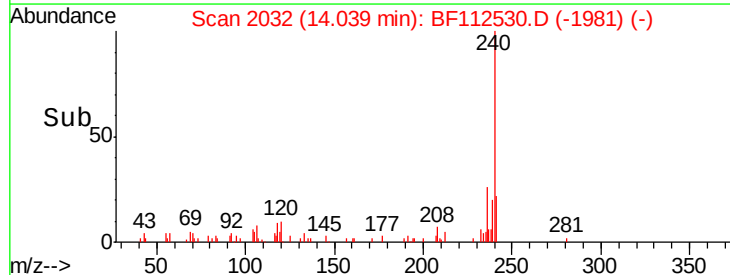
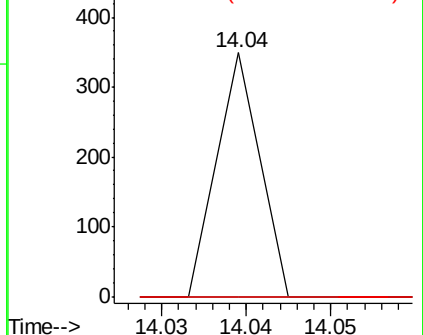
229 0.0 16.6 24.8#

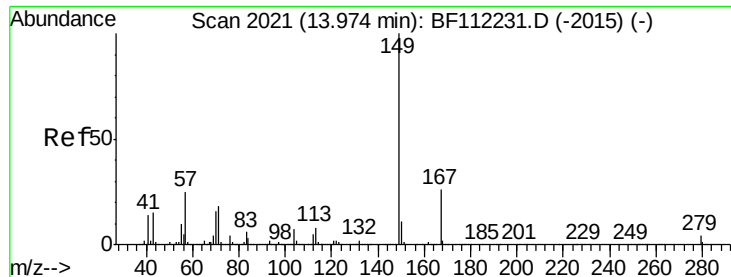


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

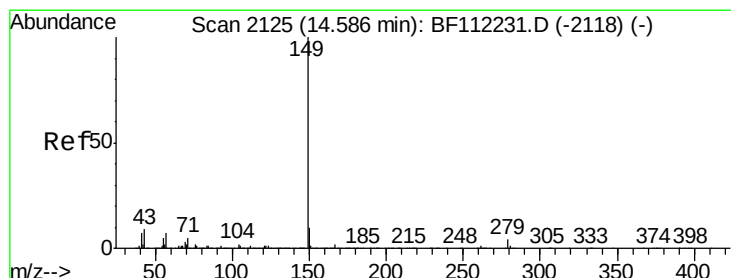
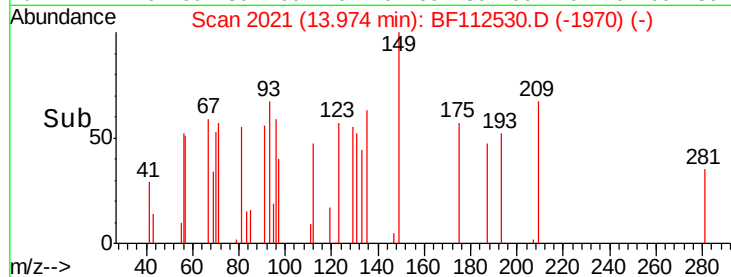
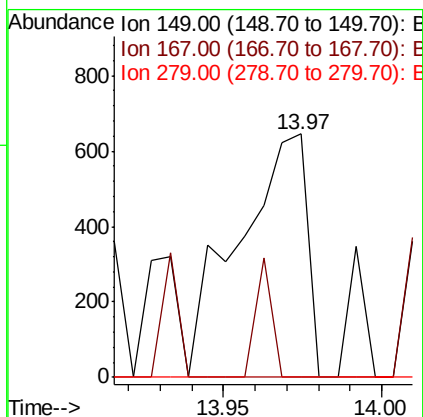
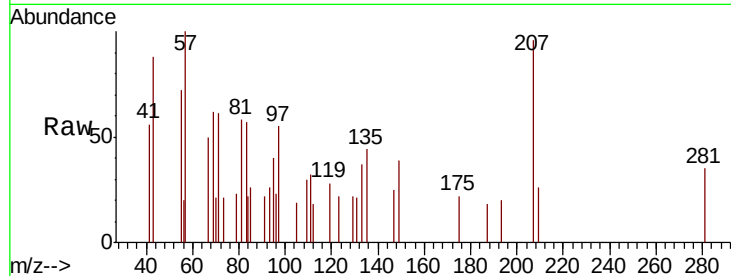




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 0.055 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. 0.00 min
 Lab File: BF112530.D
 Acq: 13 Feb 2019 11:06

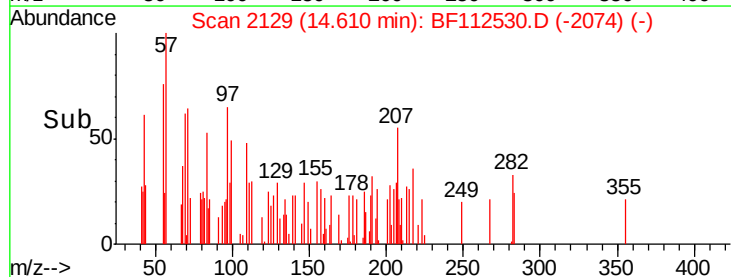
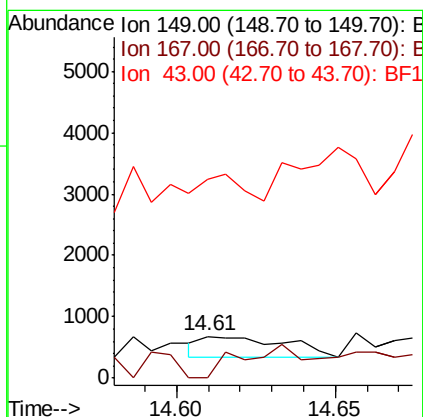
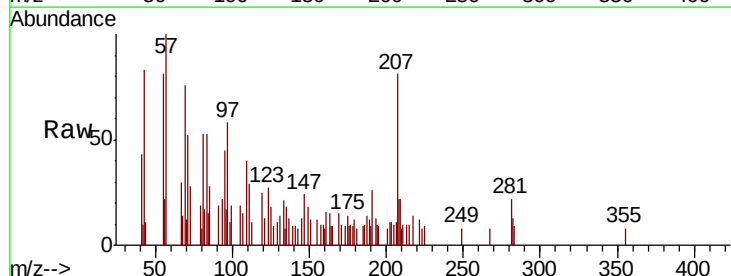
Instrument :
 BNA_F
 ClientSampleId :
 PB117061BL

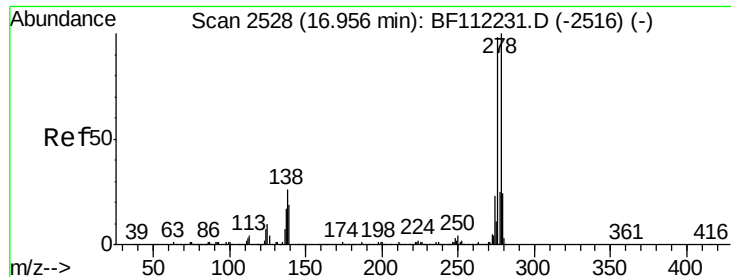
Tgt Ion:149 Resp: 974
 Ion Ratio Lower Upper
 149 100
 167 0.0 22.5 33.7#
 279 0.0 3.8 5.6#



#85
 Di-n-octyl phthalate
 Concen: 0.022 ng
 RT: 14.61 min Scan# 2129
 Delta R.T. 0.02 min
 Lab File: BF112530.D
 Acq: 13 Feb 2019 11:06

Tgt Ion:149 Resp: 602
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.3 1.9#
 43 0.0 7.8 11.6#

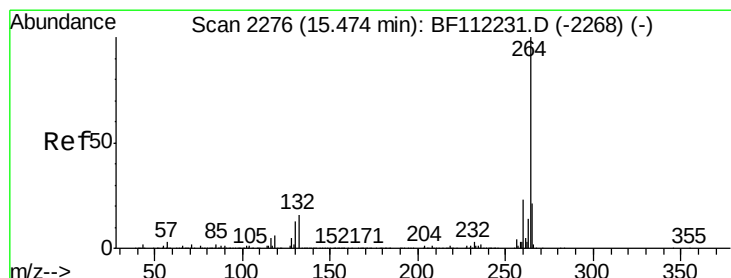
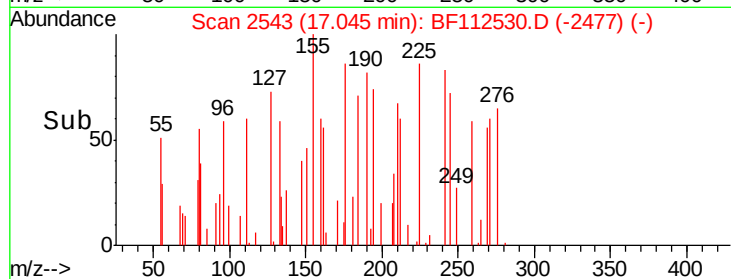
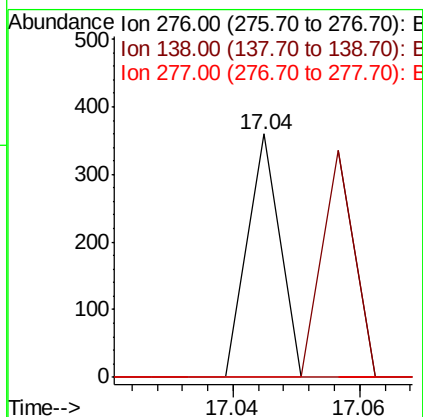
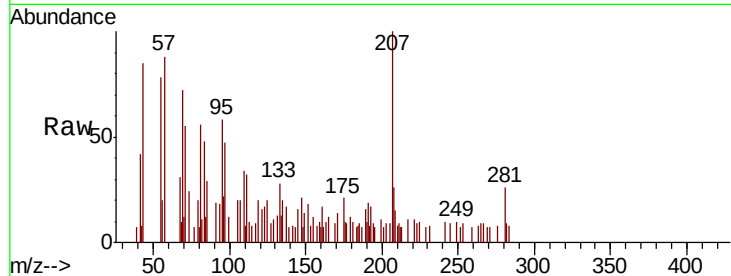




#86
 Indeno(1,2,3-cd)pyrene
 Concen: 0.008 ng
 RT: 17.04 min Scan# 2543
 Delta R.T. 0.09 min
 Lab File: BF112530.D
 Acq: 13 Feb 2019 11:06

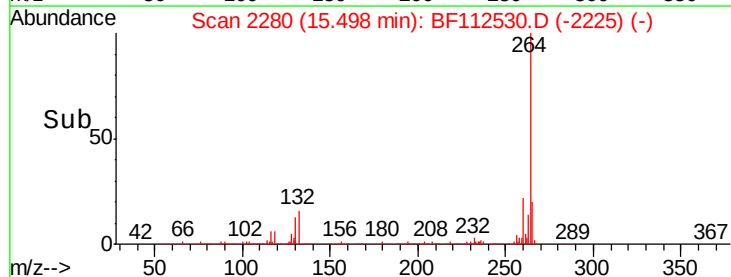
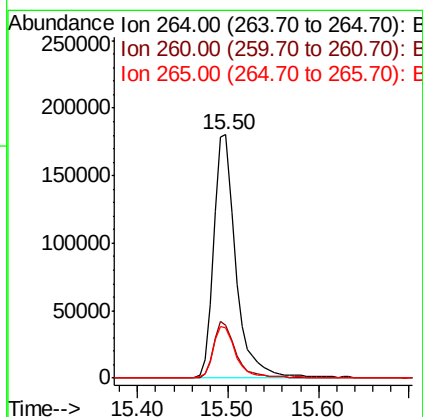
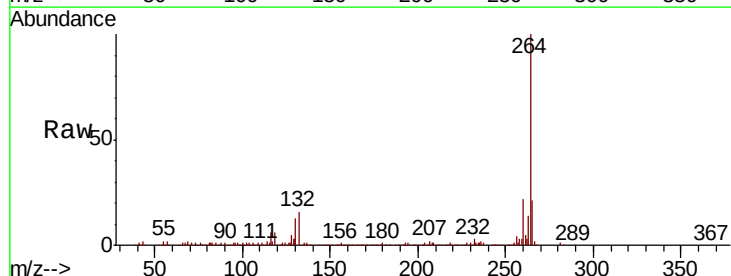
Instrument :
 BNA_F
 ClientSampleId :
 PB117061BL

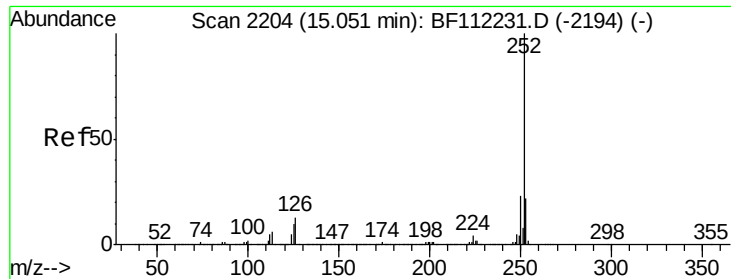
Tgt Ion: 276 Resp: 127
 Ion Ratio Lower Upper
 276 100
 138 93.7 22.6 34.0#
 277 0.0 20.3 30.5#



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2280
 Delta R.T. 0.02 min
 Lab File: BF112530.D
 Acq: 13 Feb 2019 11:06

Tgt Ion: 264 Resp: 307463
 Ion Ratio Lower Upper
 264 100
 260 21.9 18.2 27.2
 265 20.6 17.0 25.4

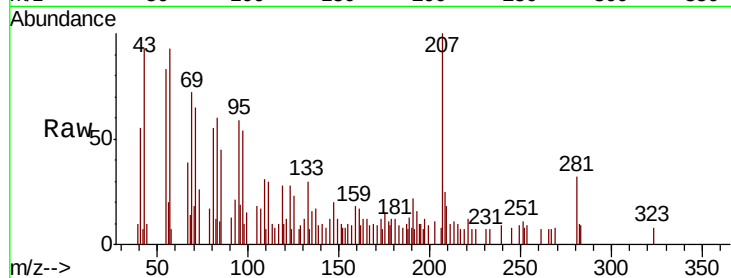




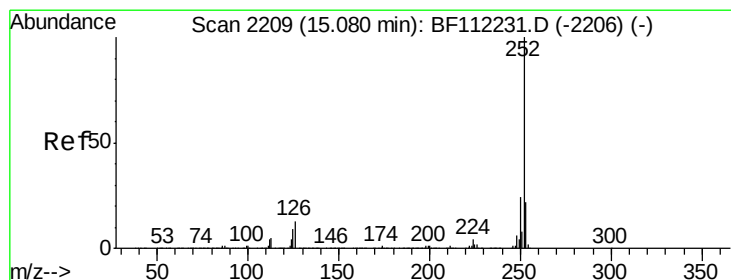
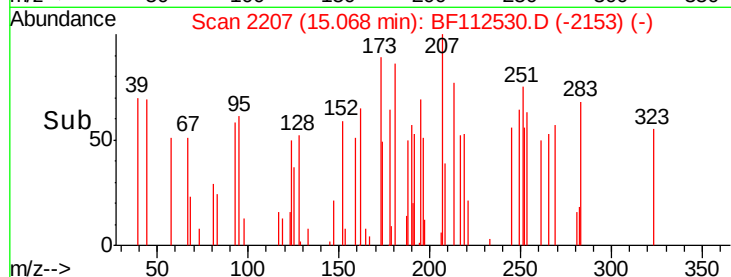
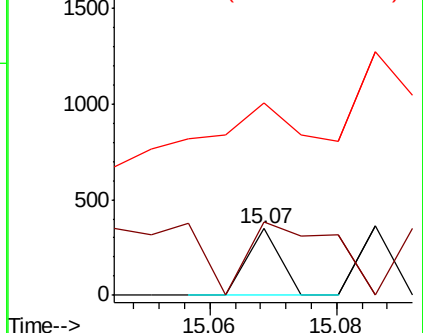
#88
Benzo(b)fluoranthene
Concen: 0.007 ng
RT: 15.07 min Scan# 2207
Delta R.T. 0.02 min
Lab File: BF112530.D
Acq: 13 Feb 2019 11:06

Instrument :
BNA_F
ClientSampleId :
PB117061BL

Tgt Ion:252 Resp: 122
Ion Ratio Lower Upper
252 100
253 111.2 18.0 27.0#
125 290.5 8.7 13.1#

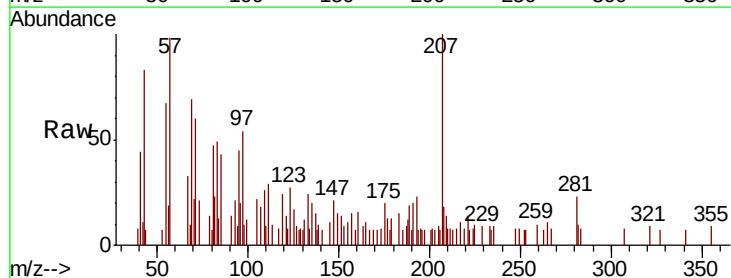


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

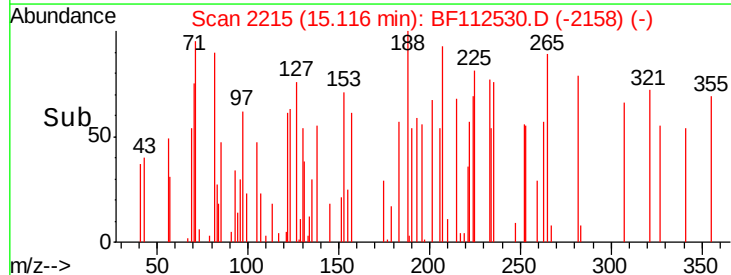
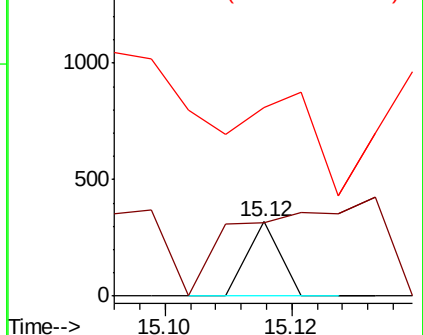


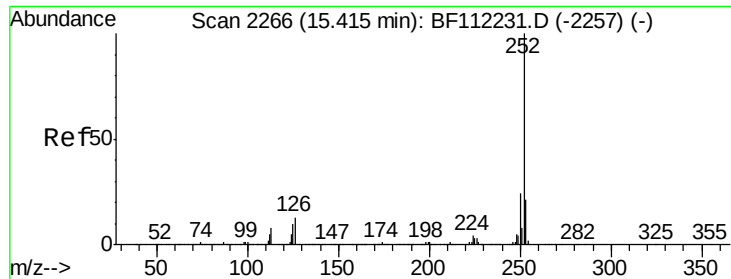
#89
Benzo(k)fluoranthene
Concen: 0.006 ng
RT: 15.12 min Scan# 2215
Delta R.T. 0.04 min
Lab File: BF112530.D
Acq: 13 Feb 2019 11:06

Tgt Ion:252 Resp: 113
Ion Ratio Lower Upper
252 100
253 99.1 18.0 27.0#
125 252.8 9.1 13.7#



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: 0.007 ng

RT: 15.43 min Scan# 2269

Delta R.T. 0.02 min

Lab File: BF112530.D

Acq: 13 Feb 2019 11:06

Instrument :

BNA_F

ClientSampleId :

PB117061BL

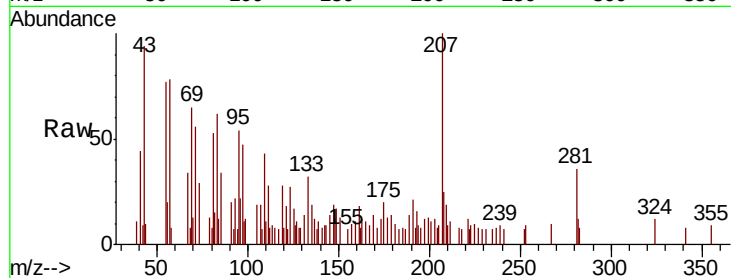
Tgt Ion:252 Resp: 111

Ion Ratio Lower Upper

252 100

253 131.0 17.5 26.3#

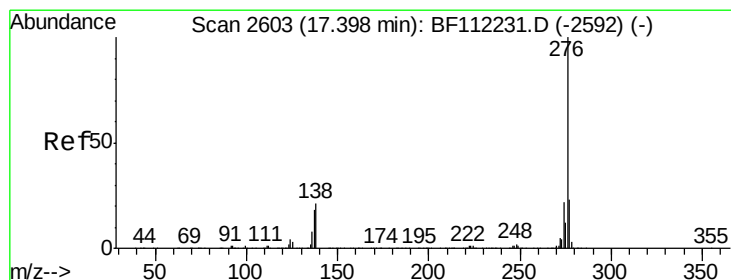
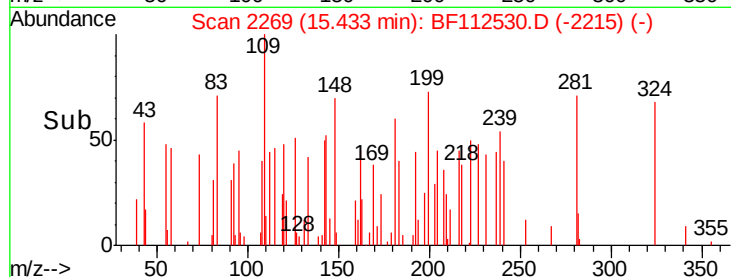
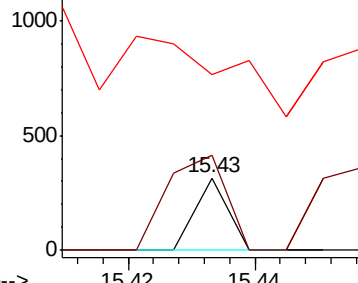
125 241.8 9.0 13.4#



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



#92

Benzo(g,h,i)perylene

Concen: 0.009 ng

RT: 17.16 min Scan# 2562

Delta R.T. -0.24 min

Lab File: BF112530.D

Acq: 13 Feb 2019 11:06

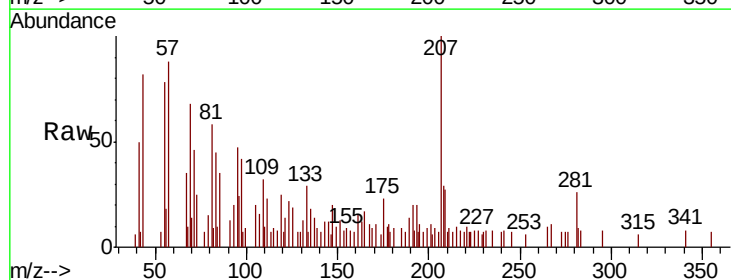
Tgt Ion:276 Resp: 118

Ion Ratio Lower Upper

276 100

277 0.0 19.4 29.0#

138 0.0 19.1 28.7#



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

