

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022218\
 Data File : BF103170.D
 Acq On : 22 Feb 2018 18:49
 Operator : SJ/JU
 Sample : J1635-13
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T1-T2-CURB

Quant Time: Feb 23 02:11:53 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 22 14:52:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	157973	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	631446	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	219332	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	138172	20.00	ng	0.02
75) Chrysene-d12	14.09	240	160222	20.00	ng	0.04
86) Perylene-d12	15.57	264	216432	20.00	ng	0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.50	112	978150	93.65	ng	0.01
7) Phenol-d6	6.50	99	1186623	92.84	ng	0.00
23) Nitrobenzene-d5	7.43	82	741095	67.03	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	118601	63.88	ng	0.01
44) 2-Fluorobiphenyl	9.23	172	1098274	86.64	ng	0.00
78) Terphenyl-d14	13.03	244	311417	46.72	ng	0.04

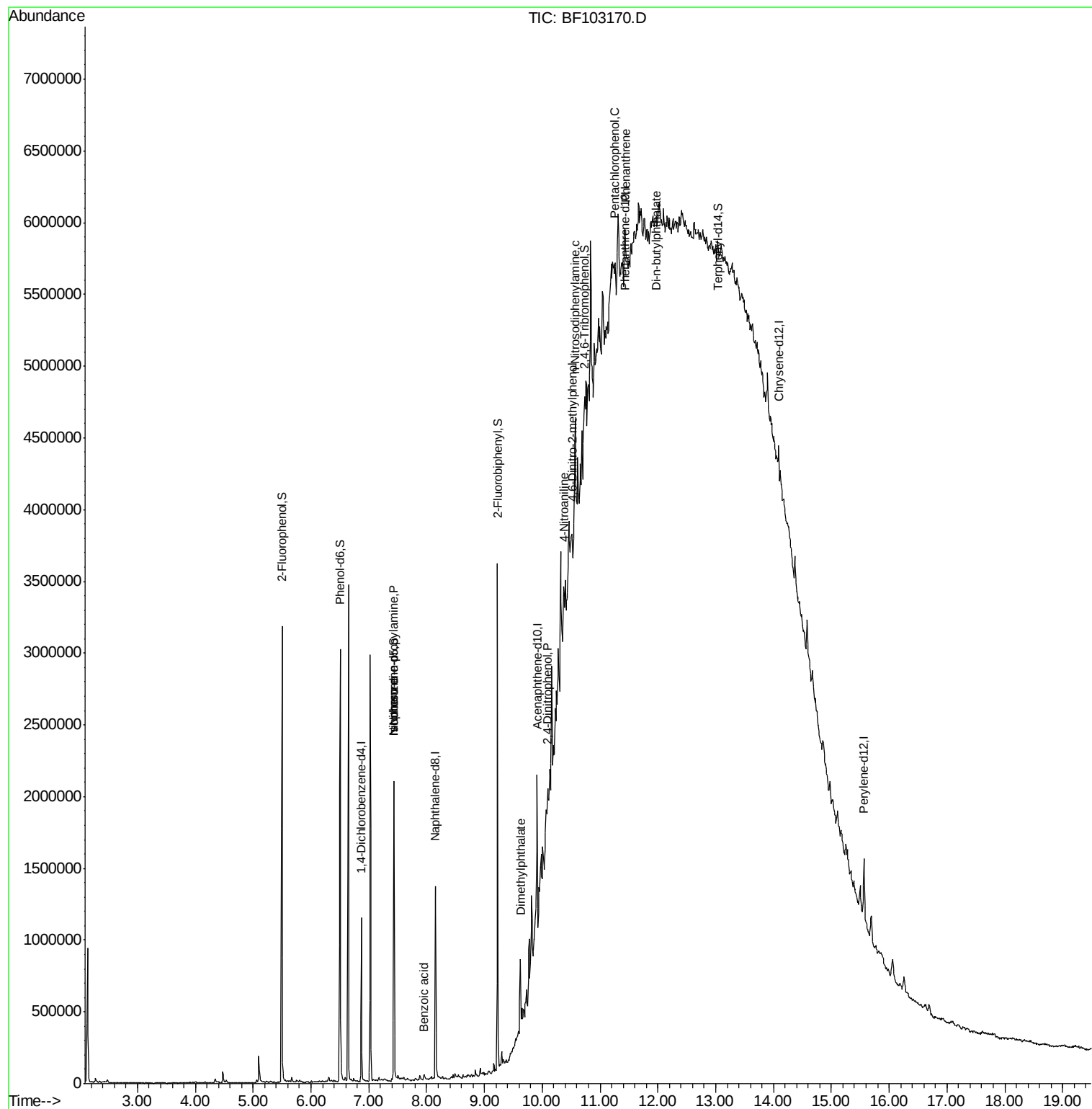
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.43	70	98172	12.342	ng	# 82
25) Isophorone	7.43	82	734648	33.735	ng	# 64
32) Benzoic acid	7.95	122	228	6.944	ng	# 80
49) Dimethylphthalate	9.62	163	91295	5.189	ng	# 99
53) 2,4-Dinitrophenol	10.10	184	652	10.051	ng	# 1
61) 4-Nitroaniline	10.37	138	18108	3.870	ng	# 85
64) 4,6-Dinitro-2-methylphenol	10.53	198	1794	6.859	ng	# 1
65) n-Nitrosodiphenylamine	10.57	169	19833	4.122	ng	# 68
69) Pentachlorophenol	11.25	266	3164	4.189	ng	# 37
70) Phenanthrene	11.45	178	22953	3.019	ng	# 10
73) Di-n-butylphthalate	11.97	149	32874	3.383	ng	# 22

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

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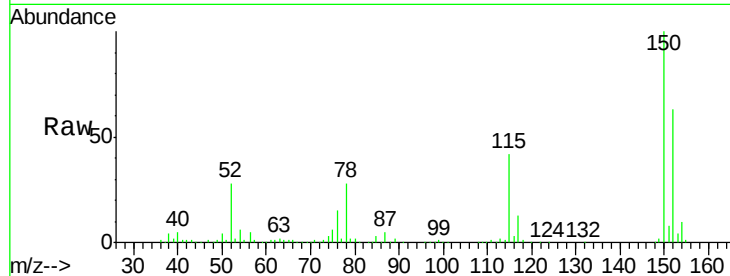


#1

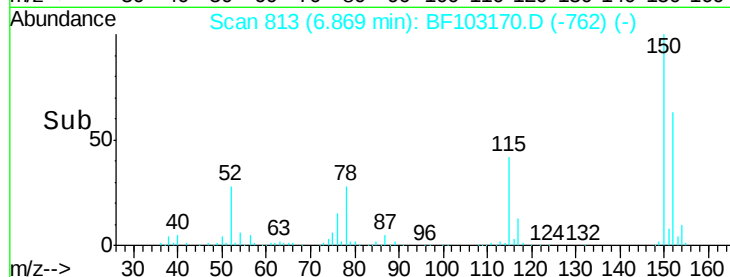
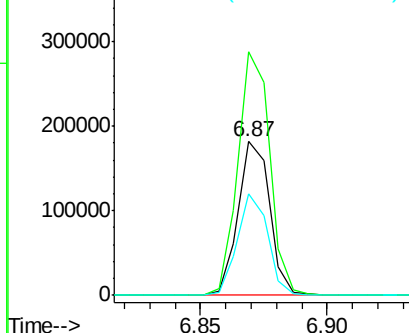
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF103170.D
Acq: 22 Feb 2018 18:49

Instrument :
BNA_F
ClientSampleId :
T1-T2-CURB

Tot Ion:152 Resp: 157973
Ion Ratio Lower Upper
152 100
150 158.6 124.6 186.8
115 66.2 50.1 75.1



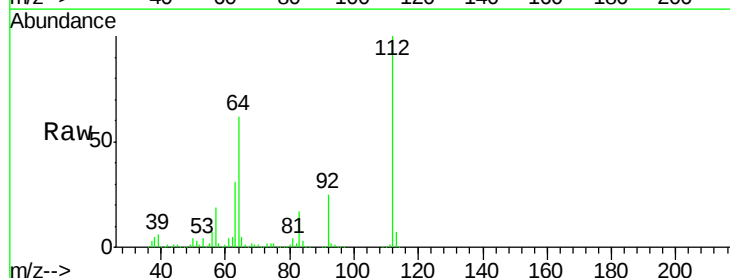
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



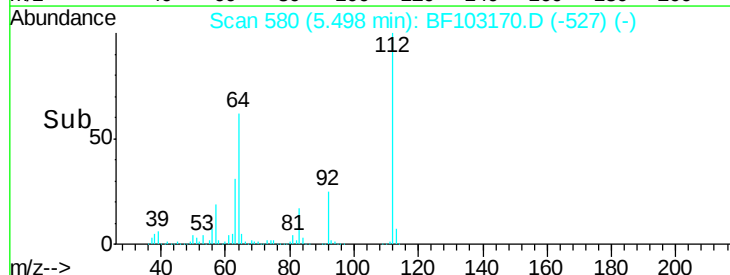
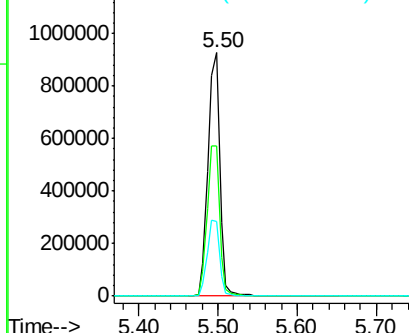
#5

2-Fluorophenol
Concen: 93.648 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF103170.D
Acq: 22 Feb 2018 18:49

Tgt Ion:112 Resp: 978150
Ion Ratio Lower Upper
112 100
64 61.8 47.9 71.9
63 30.7 23.7 35.5



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





#7

Phenol-d6

Concen: 92.843 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF103170.D

Acq: 22 Feb 2018 18:49

Instrument :

BNA_F

ClientSampleId :

T1-T2-CURB

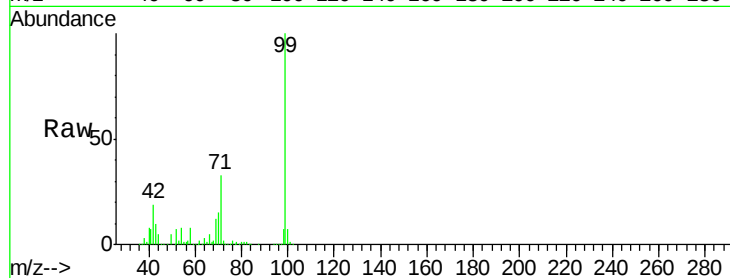
Tot Ion: 99 Resp: 1186623

Ion Ratio Lower Upper

99 100

42 19.3 14.5 21.7

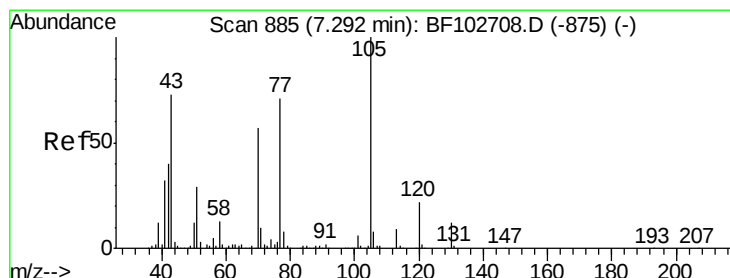
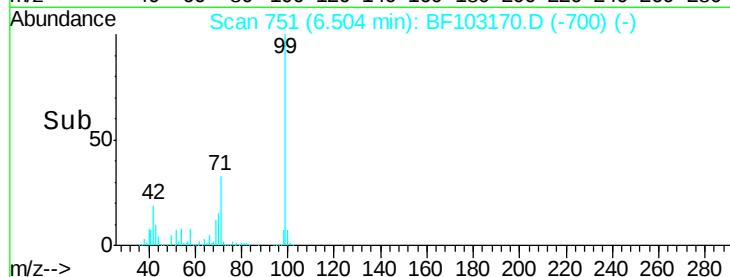
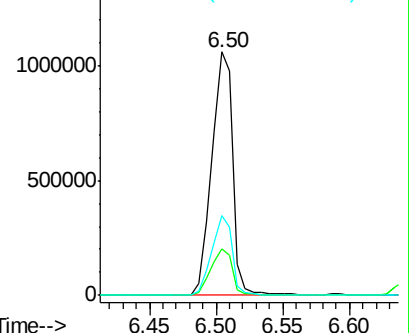
71 32.7 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 12.342 ng

RT: 7.43 min Scan# 909

Delta R.T. 0.15 min

Lab File: BF103170.D

Acq: 22 Feb 2018 18:49

Tgt Ion: 70 Resp: 98172

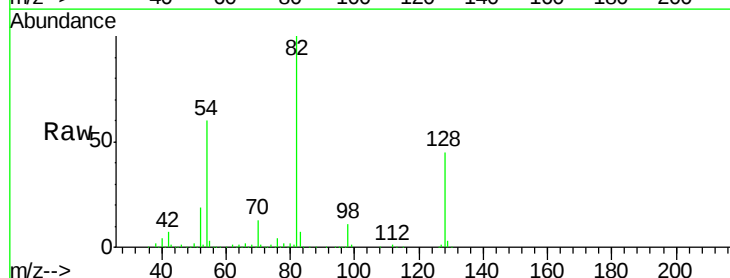
Ion Ratio Lower Upper

70 100

42 52.4 47.5 71.3

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#

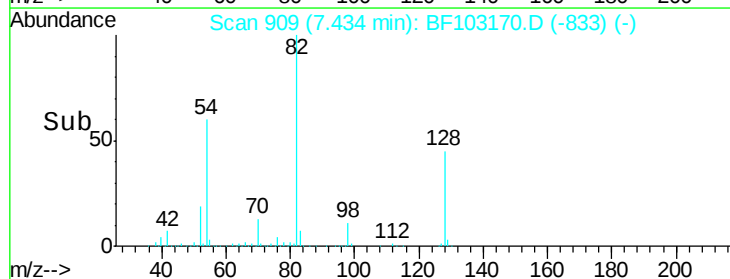
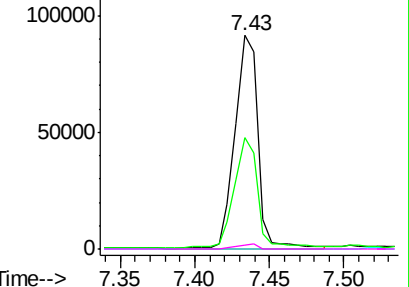


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF103170.D

Acq: 22 Feb 2018 18:49

Instrument :

BNA_F

ClientSampleId :

T1-T2-CURB

Tot Ion:136 Resp: 631446

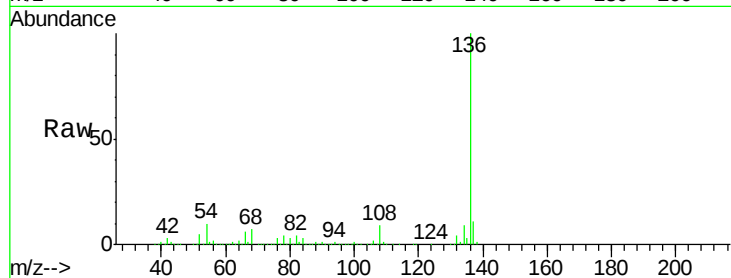
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 10.4 6.6 9.8#

68 7.3 5.0 7.4

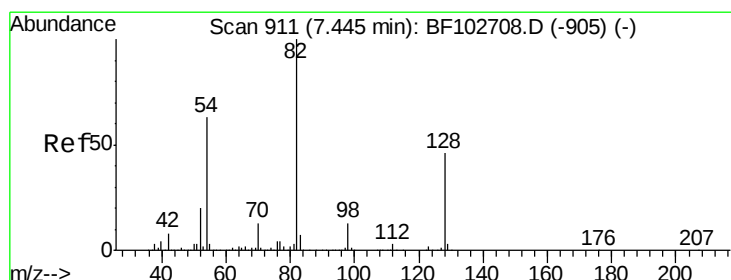
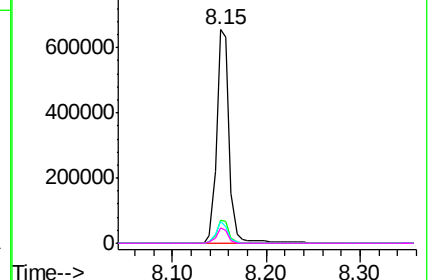
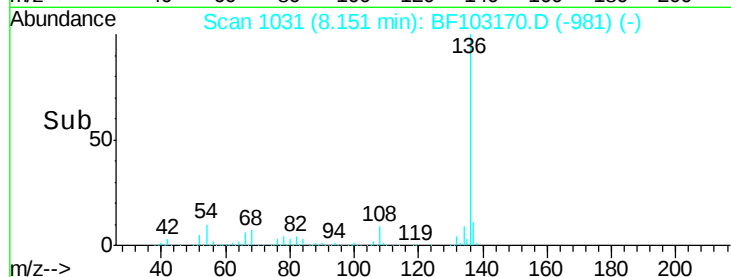


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 67.025 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: BF103170.D

Acq: 22 Feb 2018 18:49

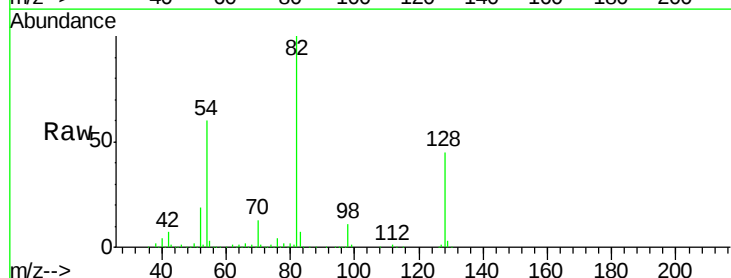
Tgt Ion: 82 Resp: 741095

Ion Ratio Lower Upper

82 100

128 45.0 36.1 54.1

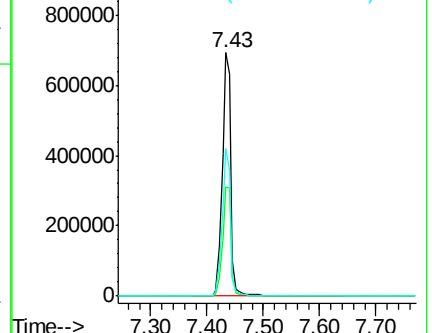
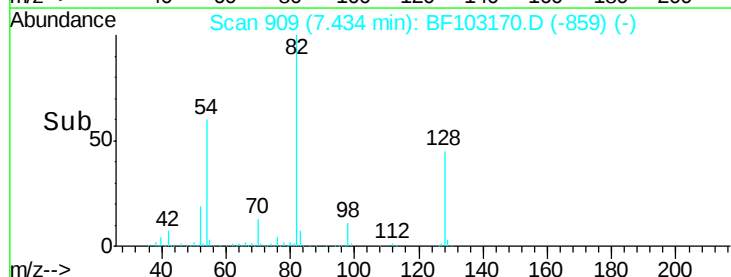
54 60.5 41.4 62.2

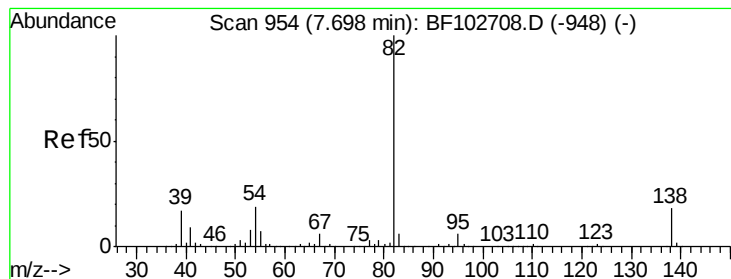


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 33.735 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.26 min

Lab File: BF103170.D

Acq: 22 Feb 2018 18:49

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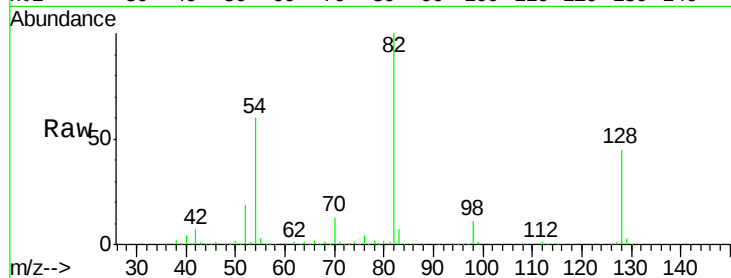
Tot Ion: 82 Resp: 734648

Ion Ratio Lower Upper

82 100

95 0.1 5.2 7.8#

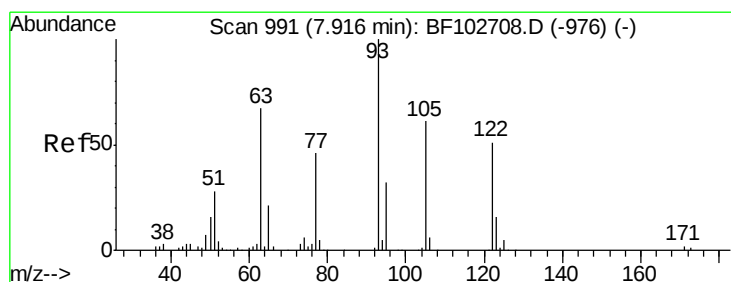
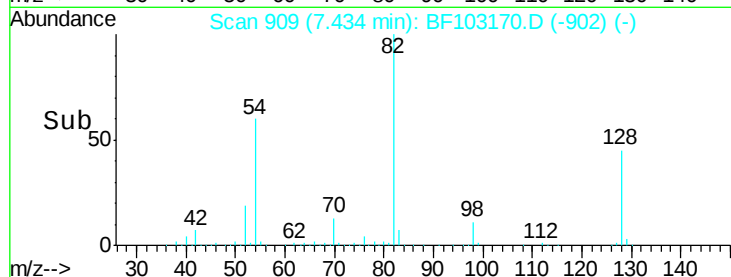
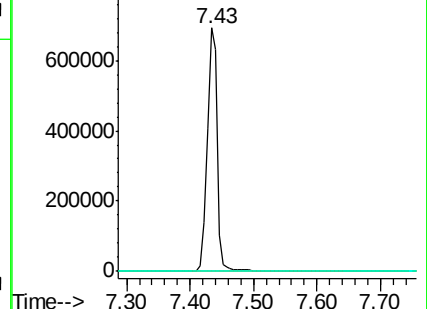
138 0.0 14.9 22.3#



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



#32

Benzoic acid

Concen: 6.944 ng

RT: 7.95 min Scan# 996

Delta R.T. 0.01 min

Lab File: BF103170.D

Acq: 22 Feb 2018 18:49

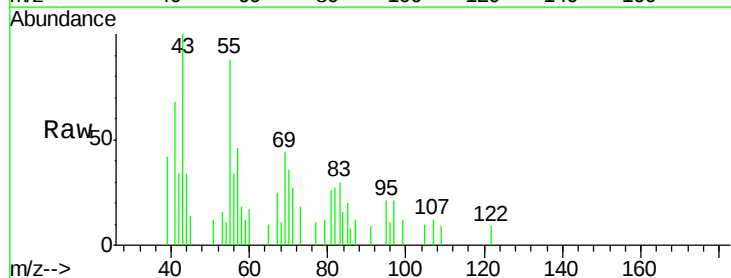
Tgt Ion: 122 Resp: 228

Ion Ratio Lower Upper

122 100

105 105.0 101.1 141.1

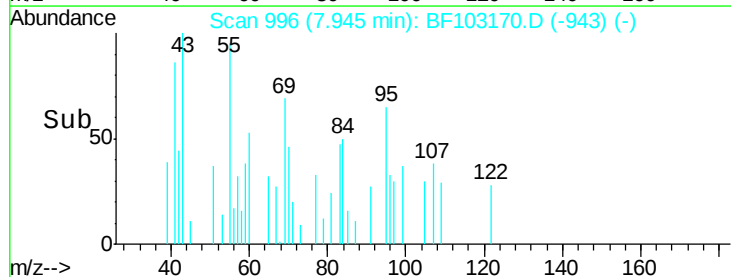
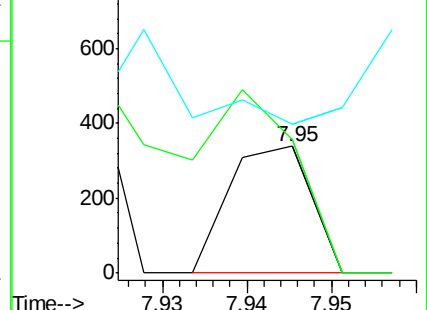
77 117.7 70.7 110.7#

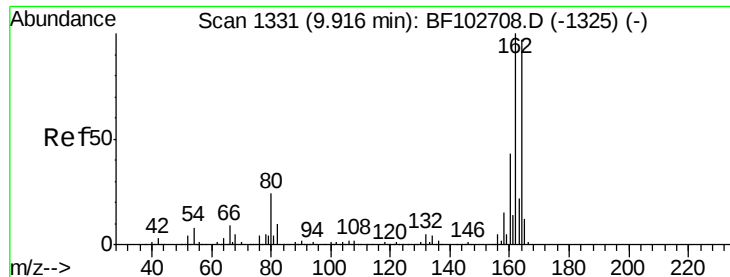


Abundance Ion 122.00 (121.70 to 122.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

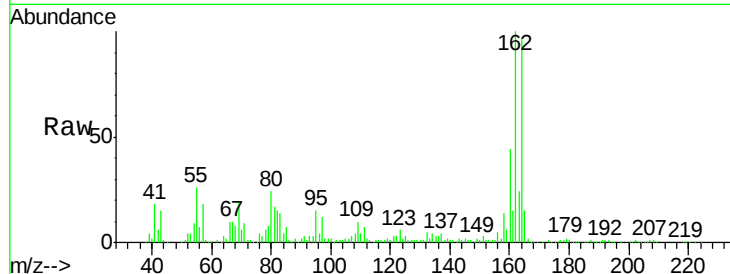




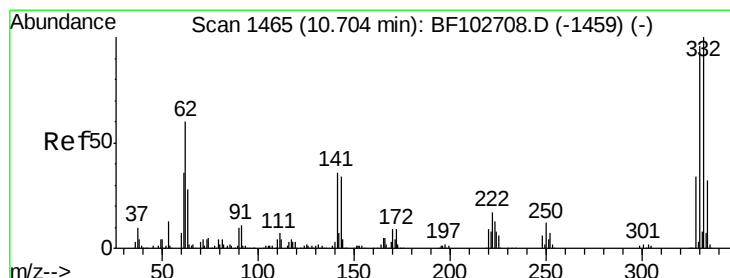
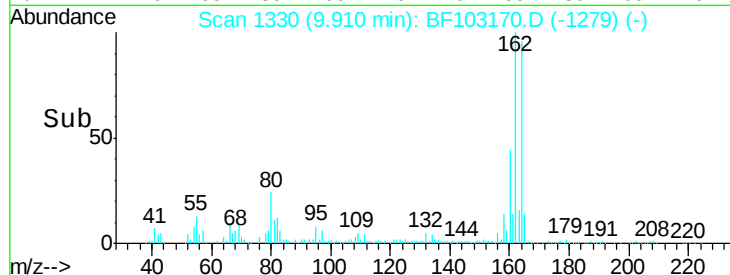
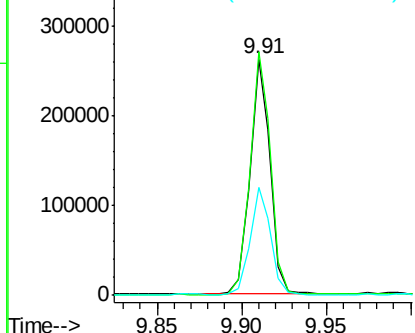
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.00 min
Lab File: BF103170.D
Acq: 22 Feb 2018 18:49

Instrument :
BNA_F
ClientSampleId :
T1-T2-CURB

Tot Ion:164 Resp: 219332
Ion Ratio Lower Upper
164 100
162 103.0 86.1 129.1
160 45.5 38.3 57.5

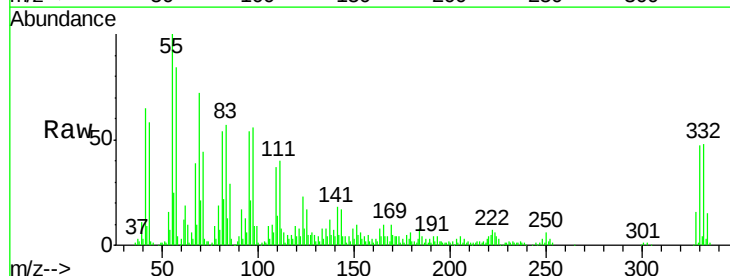


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

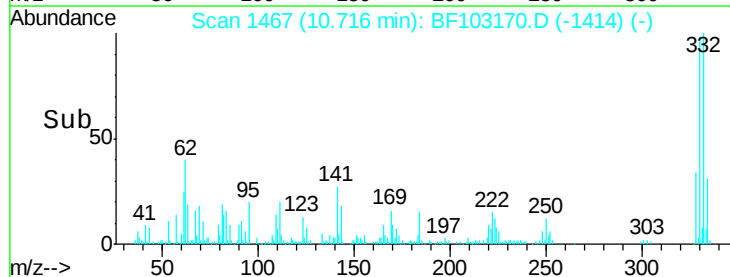
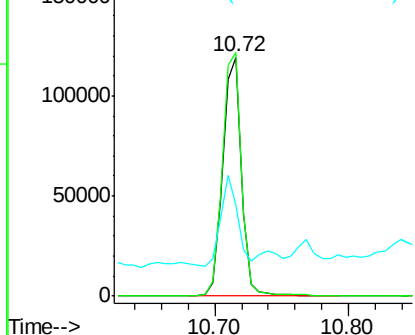


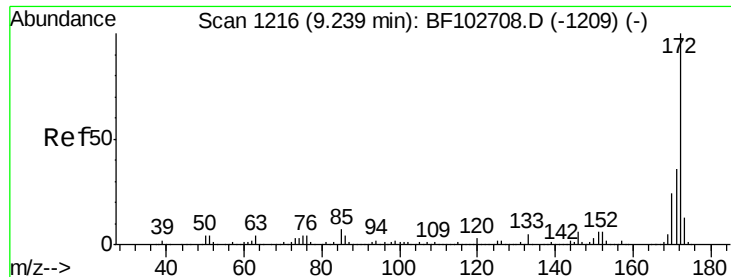
#41
2,4,6-Tribromophenol
Concen: 63.883 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.01 min
Lab File: BF103170.D
Acq: 22 Feb 2018 18:49

Tgt Ion:330 Resp: 118601
Ion Ratio Lower Upper
330 100
332 103.5 77.0 115.6
141 33.4 29.9 44.9



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

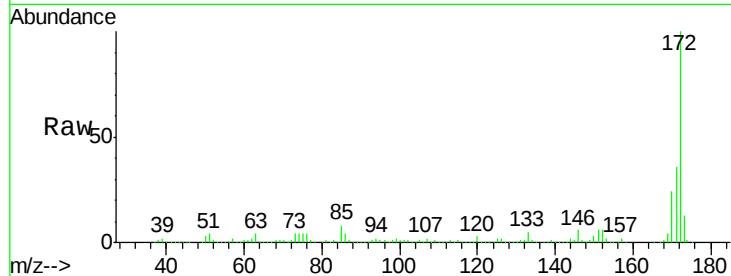




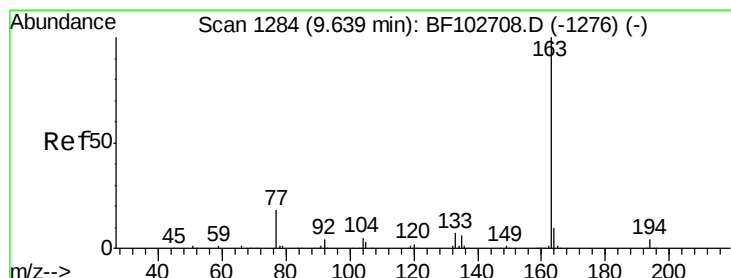
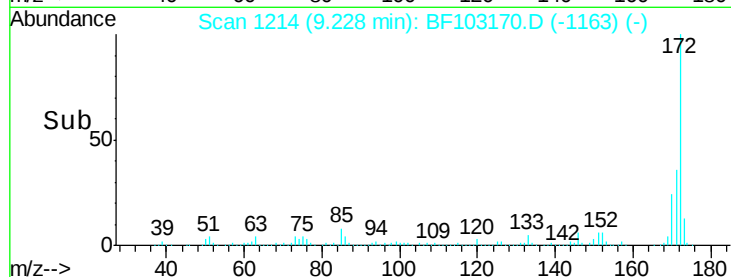
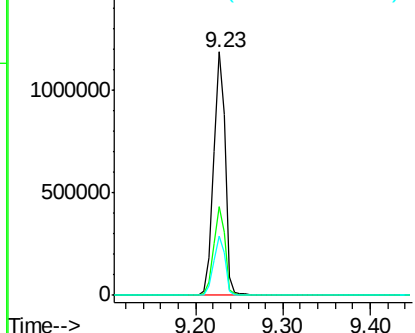
#44
2-Fluorobiphenyl
Concen: 86.641 ng
RT: 9.23 min Scan# 1214
Delta R.T. 0.00 min
Lab File: BF103170.D
Acq: 22 Feb 2018 18:49

Instrument :
BNA_F
ClientSampleId :
T1-T2-CURB

Tot Ion:172 Resp: 1098274
Ion Ratio Lower Upper
172 100
171 36.3 29.7 44.5
170 24.4 19.6 29.4

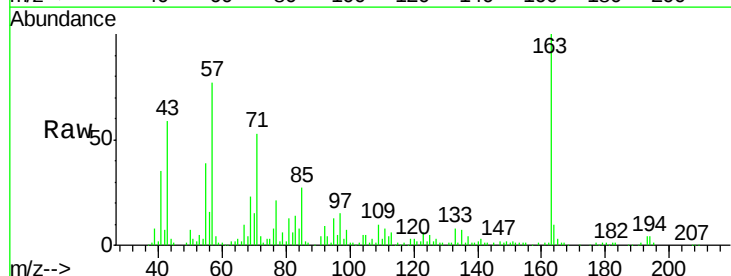


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

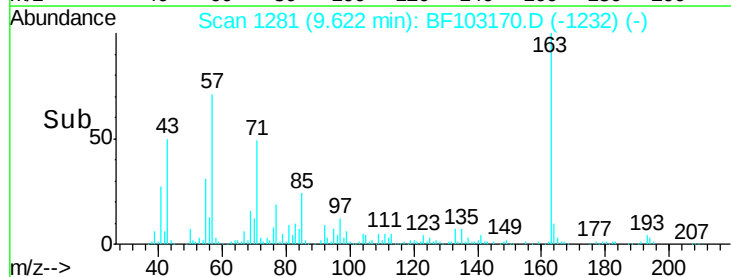
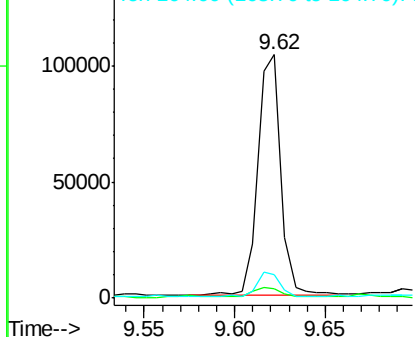


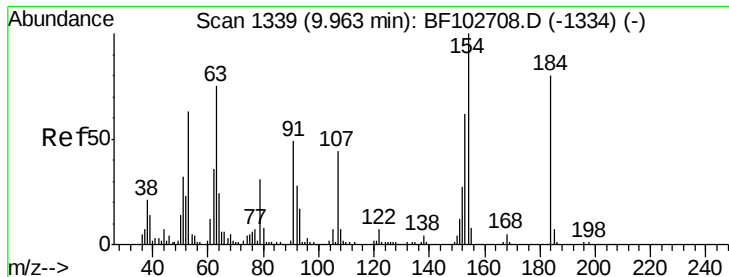
#49
Dimethylphthalate
Concen: 5.189 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF103170.D
Acq: 22 Feb 2018 18:49

Tgt Ion:163 Resp: 91295
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 9.7 8.2 12.2



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

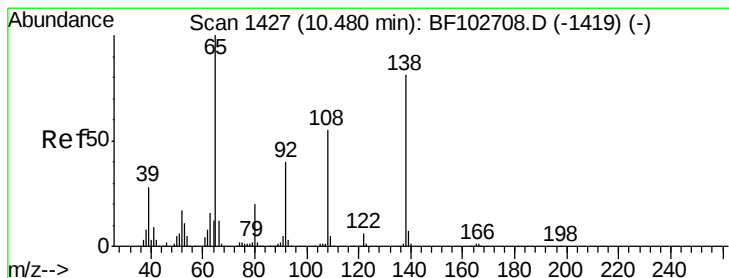
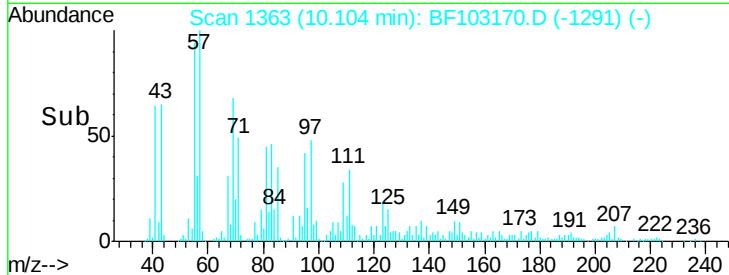
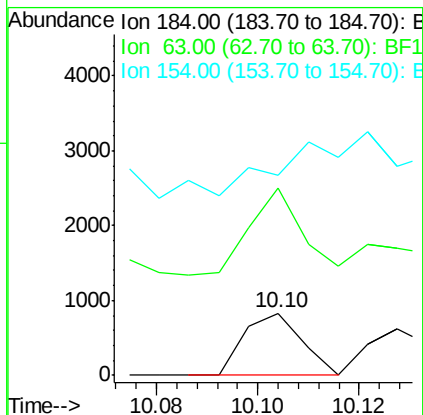
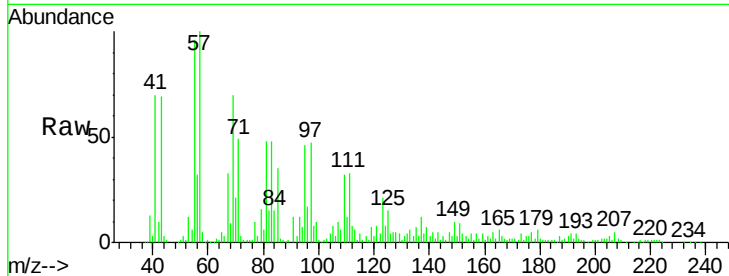




#53
 2,4-Dinitrophenol
 Concen: 10.051 ng
 RT: 10.10 min Scan# 1363
 Delta R.T. 0.12 min
 Lab File: BF103170.D
 Acq: 22 Feb 2018 18:49

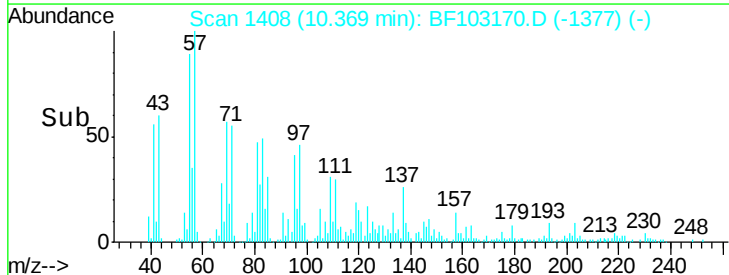
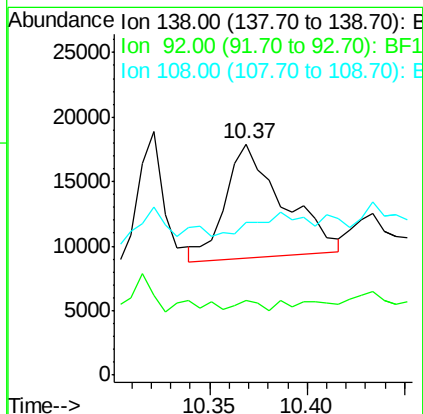
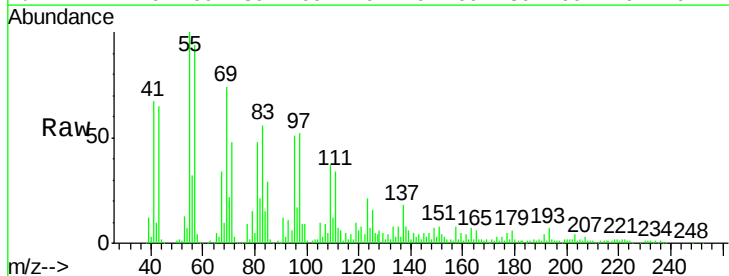
Instrument :
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 T1-T2-CURB

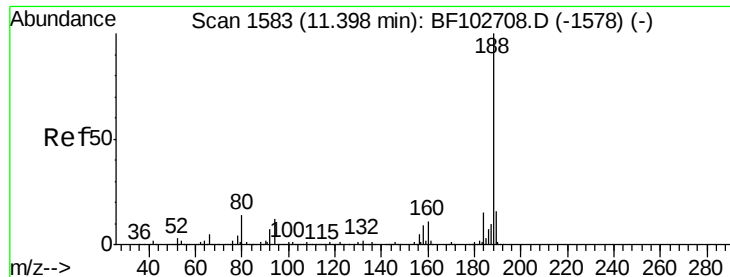
Tot Ion:184 Resp: 652
 Ion Ratio Lower Upper
 184 100
 63 301.2 54.2 81.2#
 154 322.2 184.0 276.0#



#61
 4-Nitroaniline
 Concen: 3.870 ng
 RT: 10.37 min Scan# 1408
 Delta R.T. -0.12 min
 Lab File: BF103170.D
 Acq: 22 Feb 2018 18:49

Tgt Ion:138 Resp: 18108
 Ion Ratio Lower Upper
 138 100
 92 32.2 30.2 70.2
 108 66.1 52.5 92.5





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1587

Delta R.T. 0.02 min

Lab File: BF103170.D

Acq: 22 Feb 2018 18:49

Instrument :

BNA_F

ClientSampleId :

T1-T2-CURB

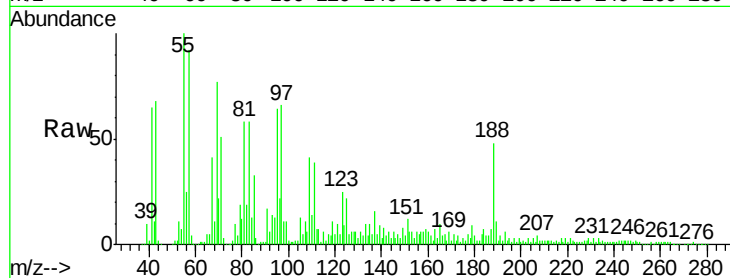
Tot Ion:188 Resp: 138172

Ion Ratio Lower Upper

188 100

94 26.6 8.5 12.7#

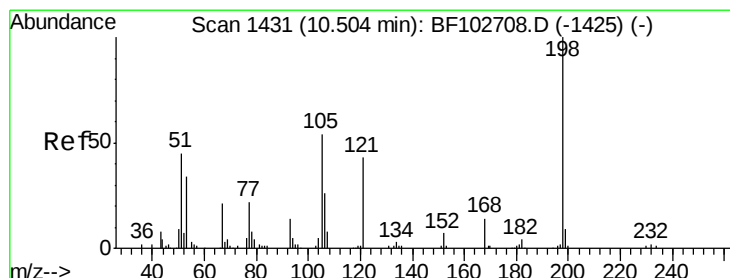
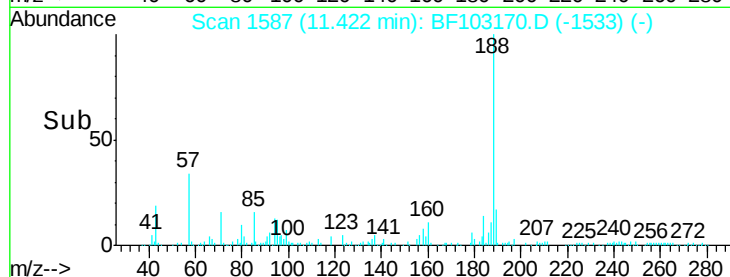
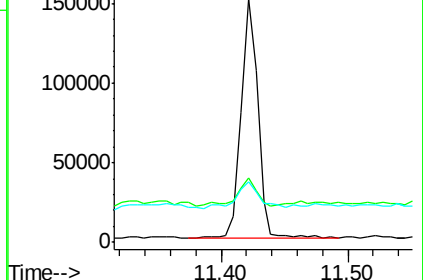
80 24.7 9.2 13.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64

4,6-Dinitro-2-methylphenol

Concen: 6.859 ng

RT: 10.53 min Scan# 1435

Delta R.T. 0.01 min

Lab File: BF103170.D

Acq: 22 Feb 2018 18:49

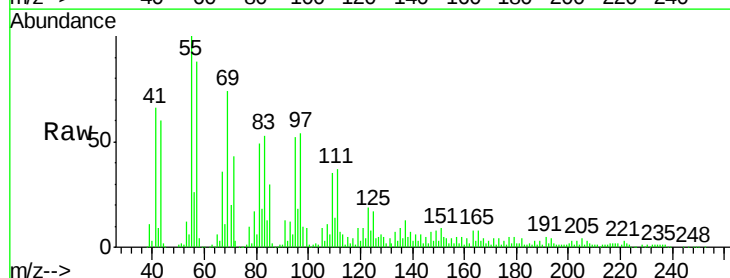
Tgt Ion:198 Resp: 1794

Ion Ratio Lower Upper

198 100

51 322.0 37.7 77.7#

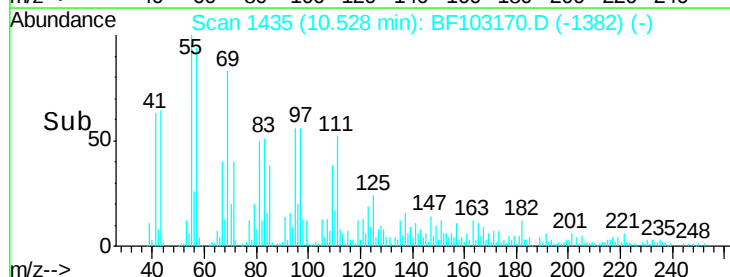
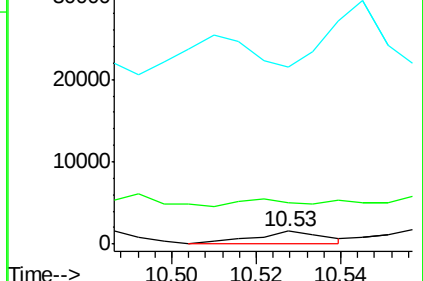
105 1366.6 36.3 76.3#

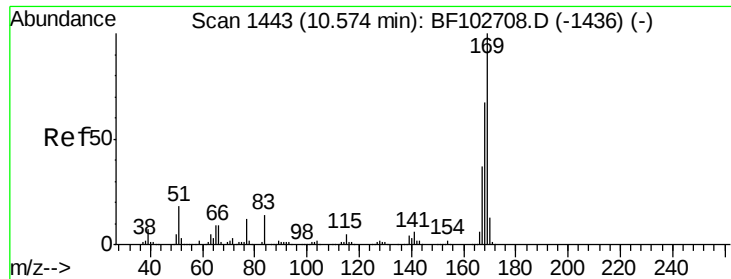


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 4.122 ng

RT: 10.57 min Scan# 1443

Delta R.T. 0.01 min

Lab File: BF103170.D

Acq: 22 Feb 2018 18:49

Instrument :

BNA_F

ClientSampleId :

T1-T2-CURB

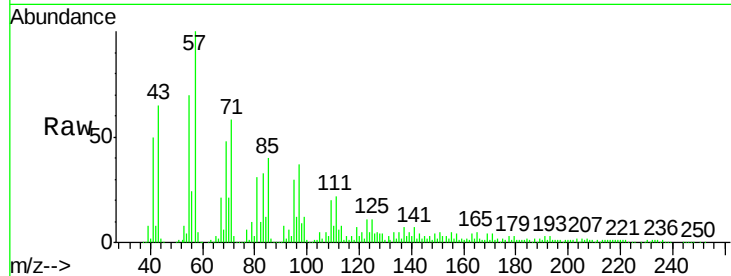
Tot Ion:169 Resp: 19833

Ion Ratio Lower Upper

169 100

168 28.7 54.4 81.6#

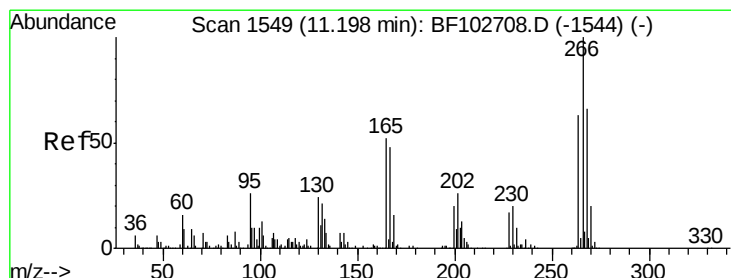
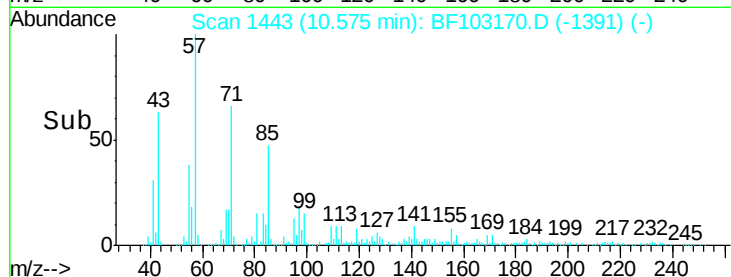
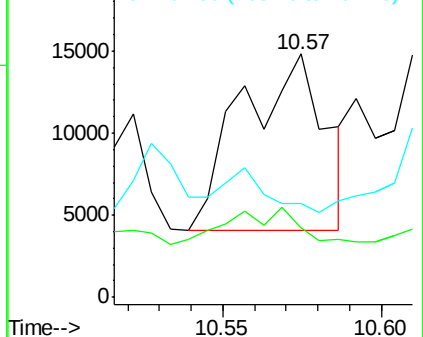
167 38.5 29.8 44.6



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



#69

Pentachlorophenol

Concen: 4.189 ng

RT: 11.25 min Scan# 1558

Delta R.T. 0.04 min

Lab File: BF103170.D

Acq: 22 Feb 2018 18:49

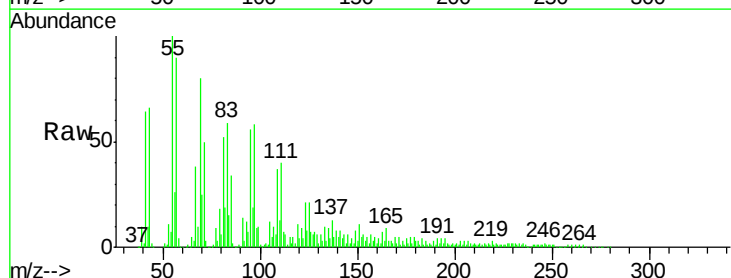
Tgt Ion:266 Resp: 3164

Ion Ratio Lower Upper

266 100

268 0.0 51.1 76.7#

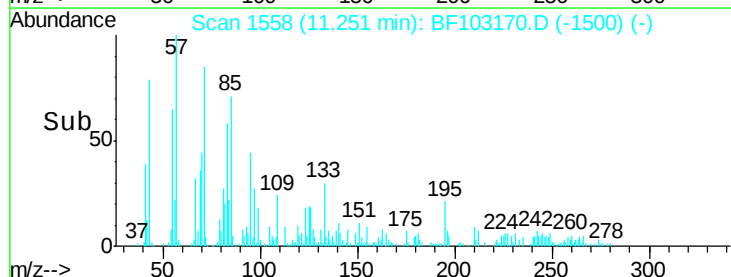
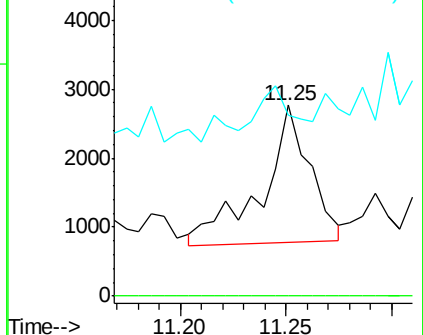
264 94.8 49.5 74.3#

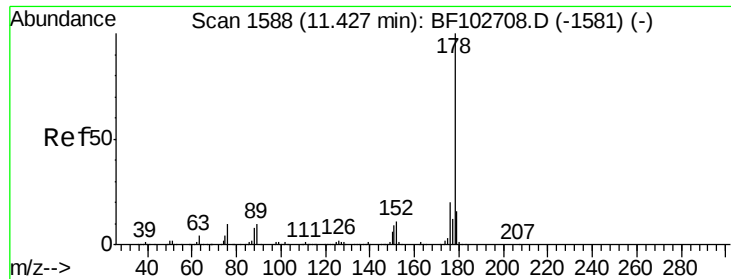


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#70

Phenanthrene

Concen: 3.019 ng

RT: 11.45 min Scan# 1591

Delta R.T. 0.02 min

Lab File: BF103170.D

Acq: 22 Feb 2018 18:49

Instrument :

BNA_F

ClientSampleId :

T1-T2-CURB

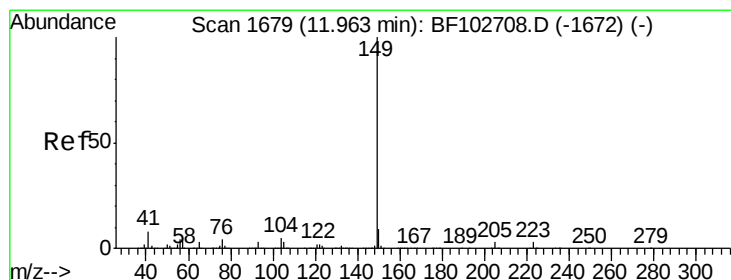
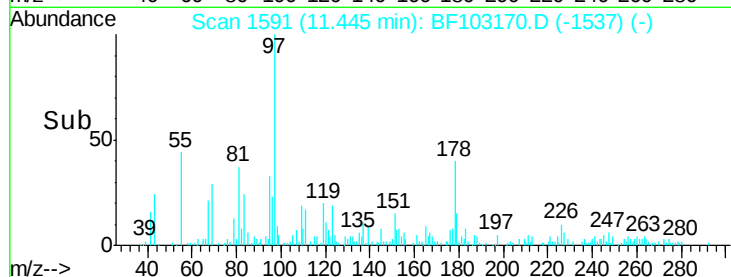
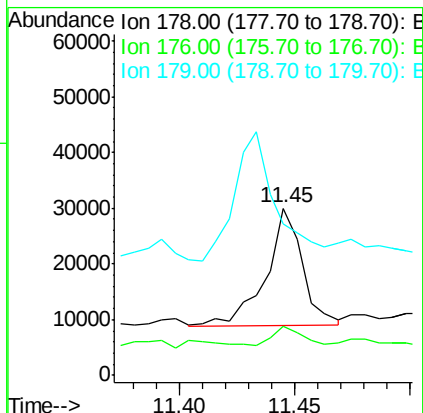
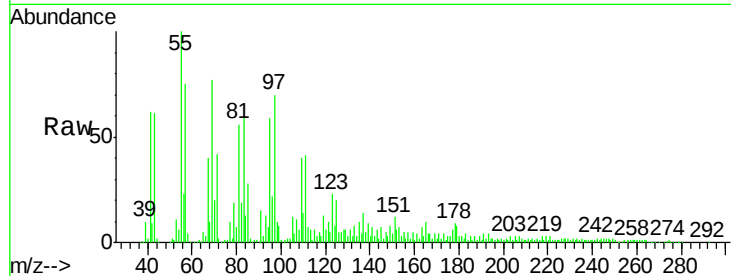
Tot Ion:178 Resp: 22953

Ion Ratio Lower Upper

178 100

176 29.5 15.8 23.8#

179 90.7 13.0 19.6#



#73

Di-n-butylphthalate

Concen: 3.383 ng

RT: 11.97 min Scan# 1681

Delta R.T. 0.02 min

Lab File: BF103170.D

Acq: 22 Feb 2018 18:49

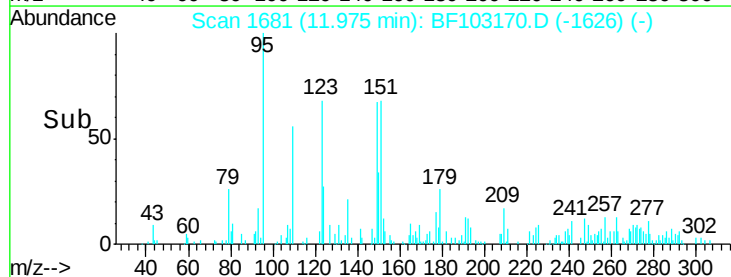
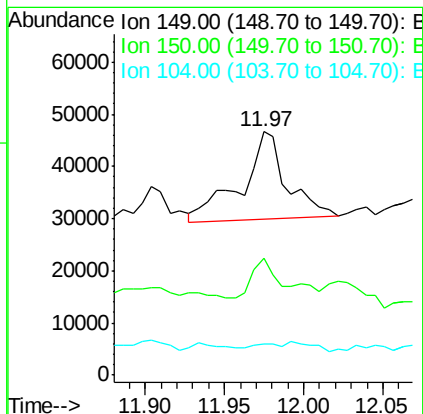
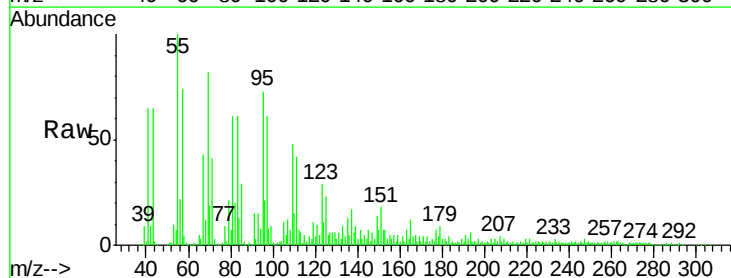
Tgt Ion:149 Resp: 32874

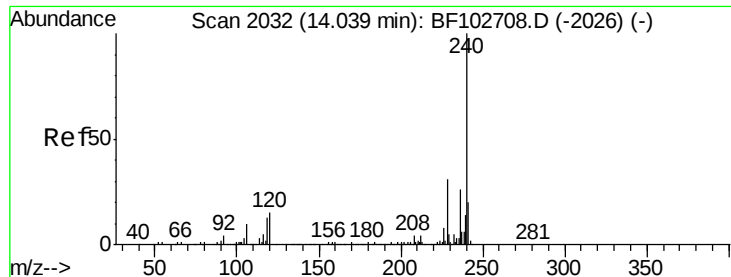
Ion Ratio Lower Upper

149 100

150 48.0 7.8 11.6#

104 12.7 3.8 5.8#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.09 min Scan# 2040

Delta R.T. 0.04 min

Lab File: BF103170.D

Acq: 22 Feb 2018 18:49

Instrument :

BNA_F

ClientSampleId :

T1-T2-CURB

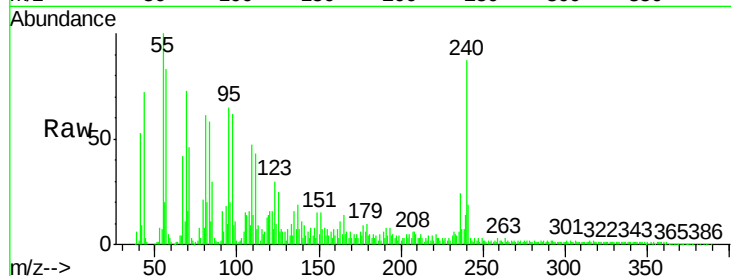
Tot Ion:240 Resp: 160222

Ion Ratio Lower Upper

240 100

120 19.0 9.5 14.3#

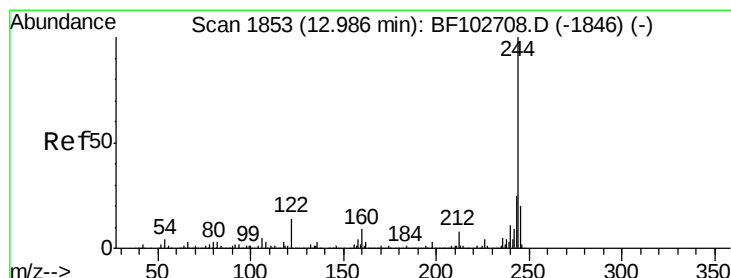
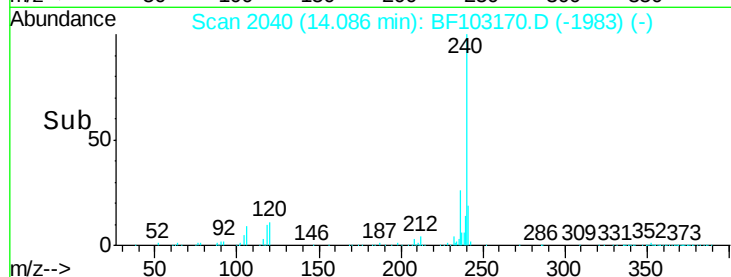
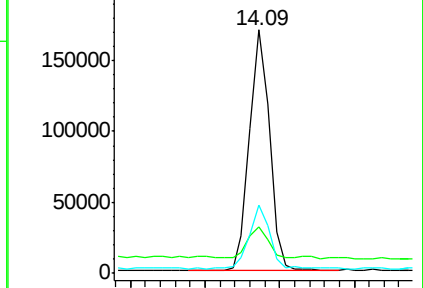
236 28.3 20.7 31.1



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



#78

Terphenyl-d14

Concen: 46.723 ng

RT: 13.03 min Scan# 1860

Delta R.T. 0.04 min

Lab File: BF103170.D

Acq: 22 Feb 2018 18:49

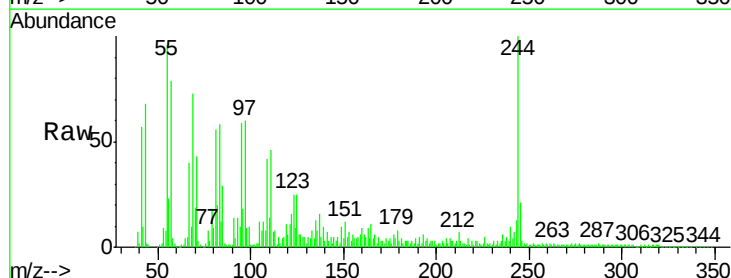
Tgt Ion:244 Resp: 311417

Ion Ratio Lower Upper

244 100

212 7.5 5.4 8.0

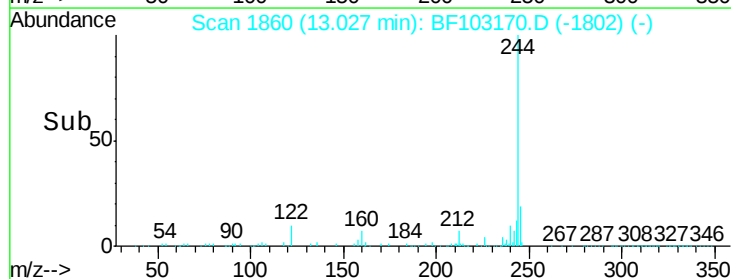
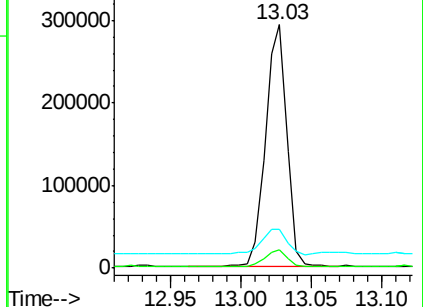
122 16.2 11.0 16.4

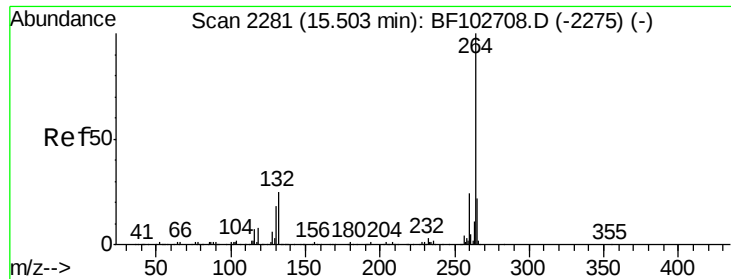


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2292
Delta R.T. 0.03 min
Lab File: BF103170.D
Acq: 22 Feb 2018 18:49

Instrument :
BNA_F
ClientSampleId :
T1-T2-CURB

Tot Ion: 264 Resp: 216432
Ion Ratio Lower Upper
264 100
260 25.5 19.2 28.8
265 21.9 17.5 26.3

