

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030218\
 Data File : BF103395.D
 Acq On : 3 Mar 2018 6:30
 Operator : SJ/JU
 Sample : J1767-01
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-72-11998-CONCRETE

Quant Time: Mar 05 00:09:41 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 02 13:28:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	121636	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	485353	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	178385	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	276230	20.00	ng	0.00
75) Chrysene-d12	14.07	240	200761	20.00	ng	0.00
86) Perylene-d12	15.57	264	134205	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	1040591	129.39	ng	0.01
7) Phenol-d6	6.52	99	1265929	128.64	ng	0.00
23) Nitrobenzene-d5	7.45	82	803724	94.57	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	149792	99.20	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1131708	120.74	ng	0.00
78) Terphenyl-d14	13.00	244	790594	94.66	ng	0.00

Target Compounds

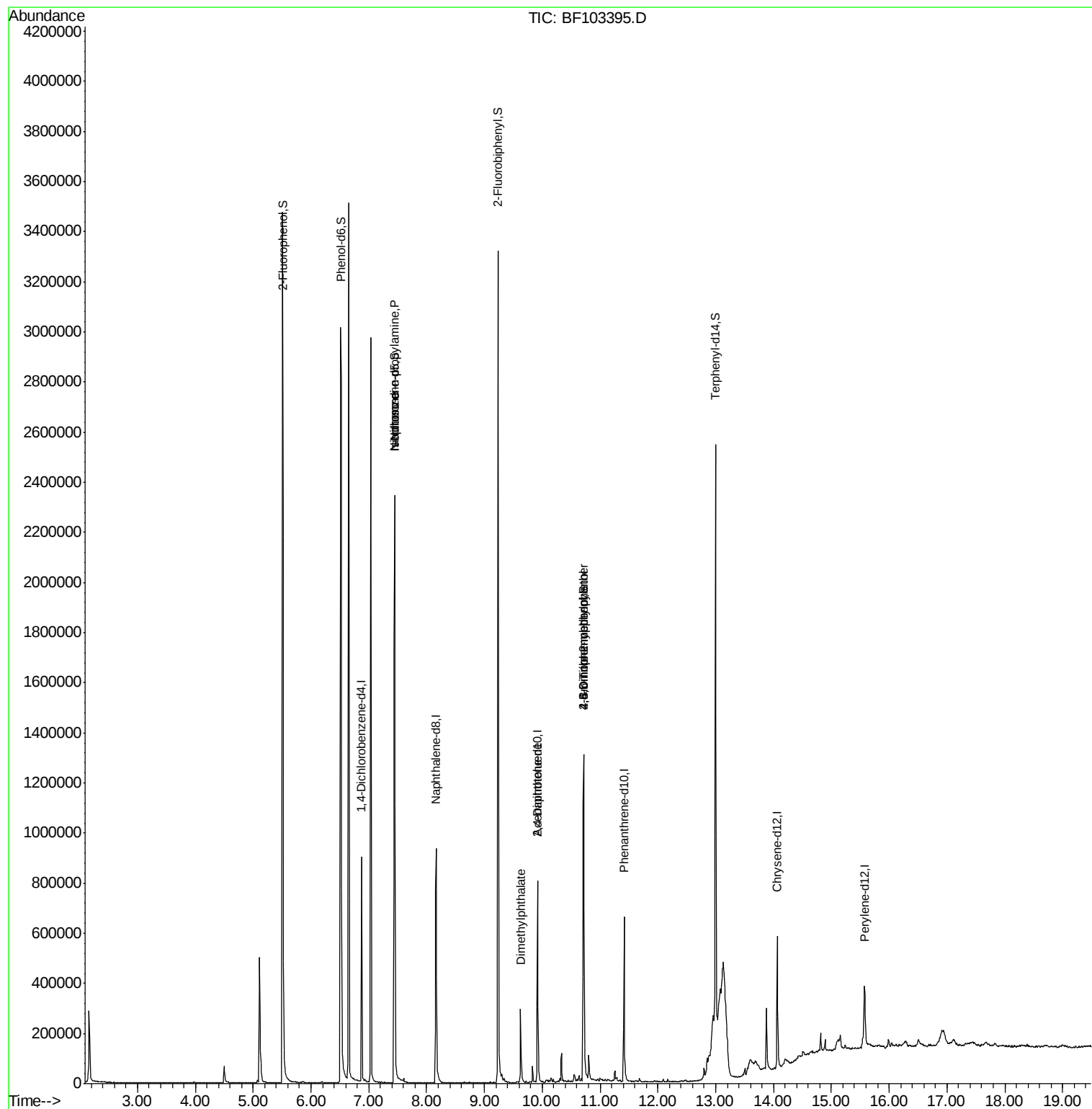
						Qvalue
9) Benzaldehyde	6.52	77	2340	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.45	70	107203	17.503 ng	#	86
25) Isophorone	7.45	82	803720	48.016 ng	#	64
49) Dimethylphthalate	9.63	163	141243	9.870 ng		99
56) 2,4-Dinitrotoluene	9.92	165	22199	5.845 ng	#	24
64) 4,6-Dinitro-2-methylphenol	10.72	198	277	5.093 ng	#	1
66) 4-Bromophenyl-phenylether	10.72	248	10432	3.625 ng	#	1

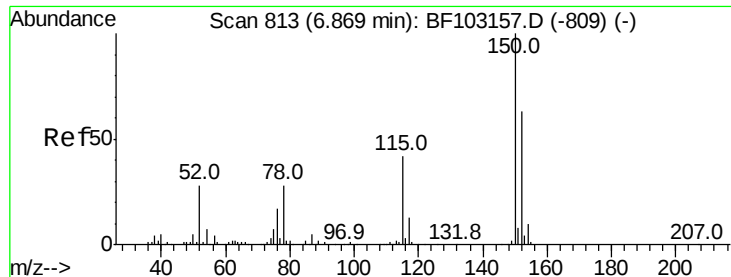
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030218\
Data File : BF103395.D
Acq On : 3 Mar 2018 6:30
Operator : SJ/JU
Sample : J1767-01
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RO-72-11998-CONCRETE

Quant Time: Mar 05 00:09:41 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 02 13:28:09 2018
Response via : Initial Calibration



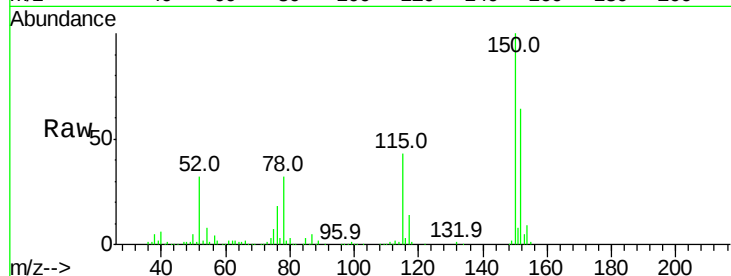


#1

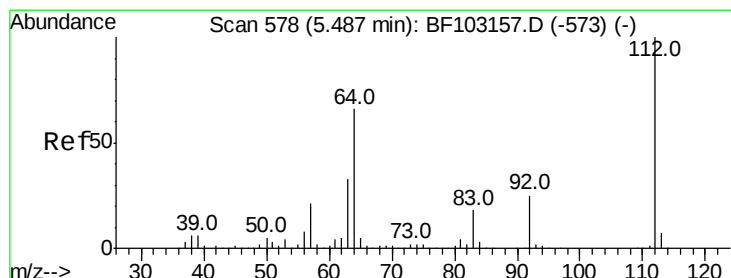
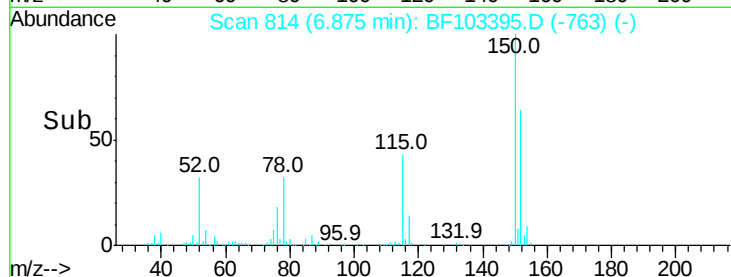
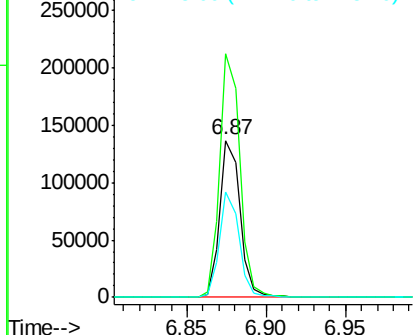
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF103395.D
Acq: 3 Mar 2018 6:30

Instrument :
BNA_F
ClientSampleId :
RO-72-11998-CONCRETE

Tot Ion:152 Resp: 121636
Ion Ratio Lower Upper
152 100
150 155.4 124.6 186.8
115 66.9 50.1 75.1



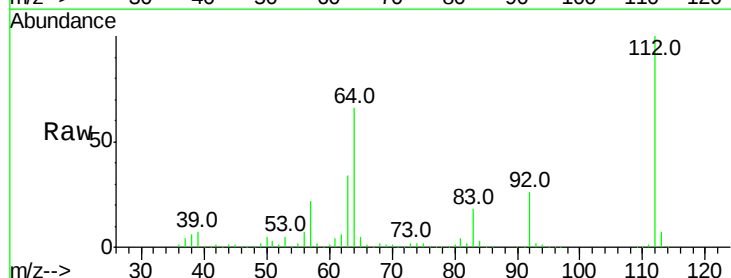
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



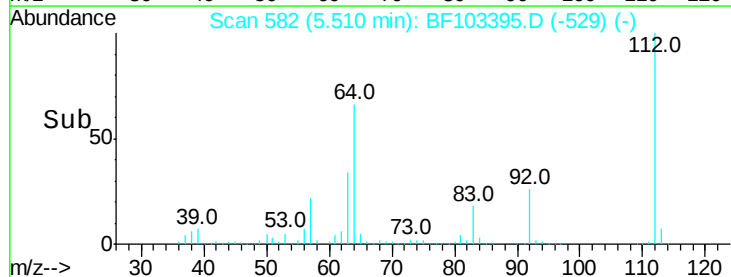
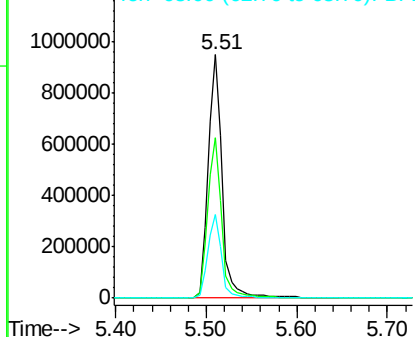
#5

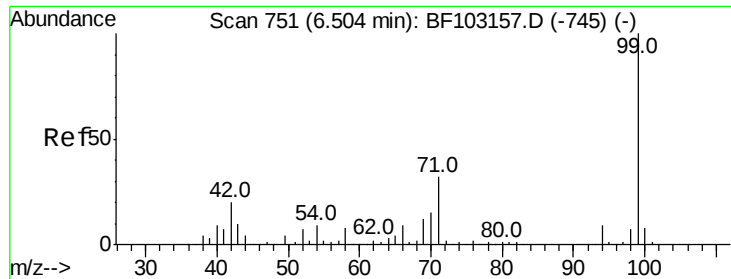
2-Fluorophenol
Concen: 129.388 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.01 min
Lab File: BF103395.D
Acq: 3 Mar 2018 6:30

Tgt Ion:112 Resp: 1040591
Ion Ratio Lower Upper
112 100
64 65.8 47.9 71.9
63 34.2 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: 128.637 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF103395.D

Acq: 3 Mar 2018 6:30

Instrument :

BNA_F

ClientSampleId :

RO-72-11998-CONCRETE

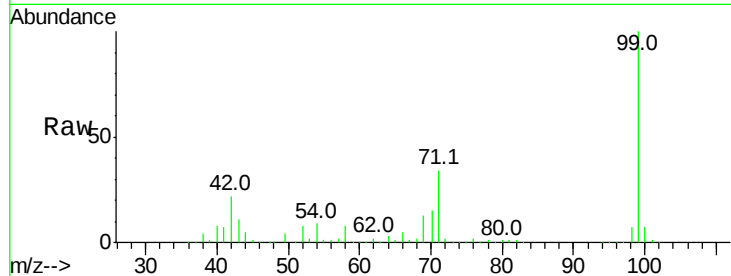
Tot Ion: 99 Resp: 1265929

Ion Ratio Lower Upper

99 100

42 21.7 14.5 21.7

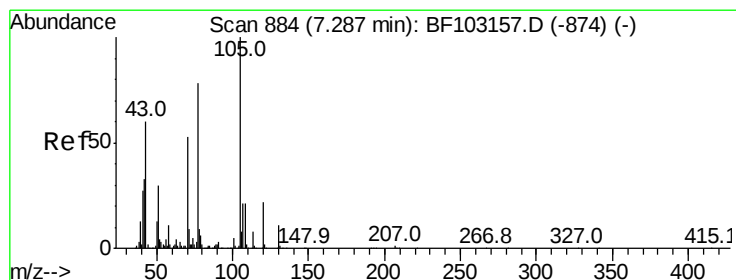
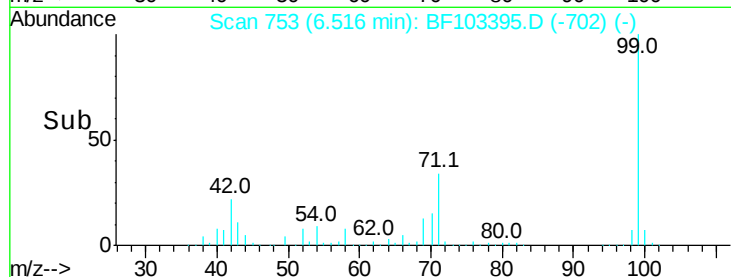
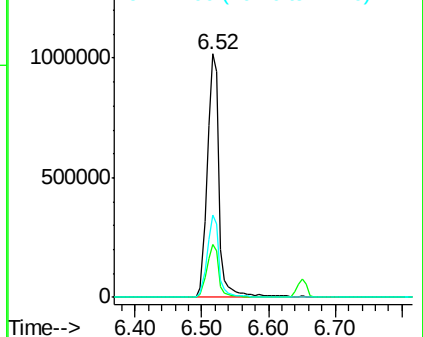
71 33.9 25.4 38.0



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: 17.503 ng

RT: 7.45 min Scan# 911

Delta R.T. 0.15 min

Lab File: BF103395.D

Acq: 3 Mar 2018 6:30

Tgt Ion: 70 Resp: 107203

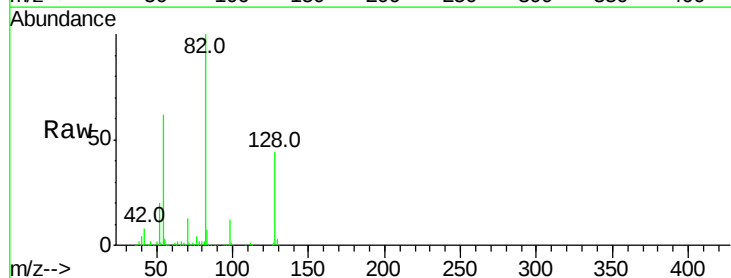
Ion Ratio Lower Upper

70 100

42 56.6 47.5 71.3

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#

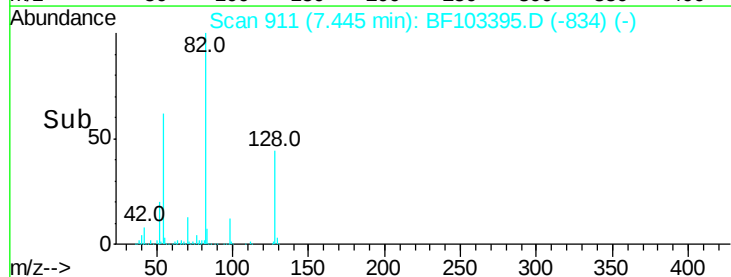
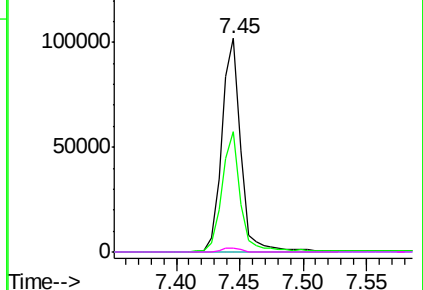


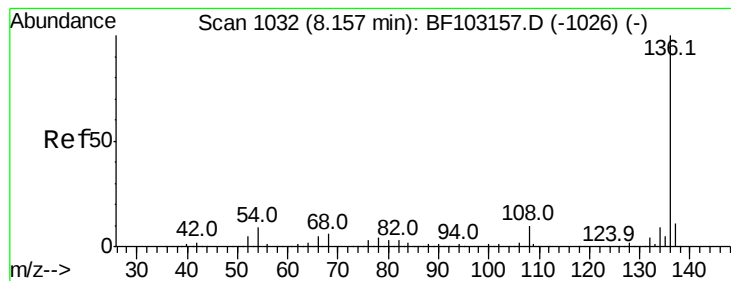
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.16 min Scan# 1033

Delta R.T. -0.00 min

Lab File: BF103395.D

Acq: 3 Mar 2018 6:30

Instrument :

BNA_F

ClientSampleId :

RO-72-11998-CONCRETE

Tot Ion:136 Resp: 485353

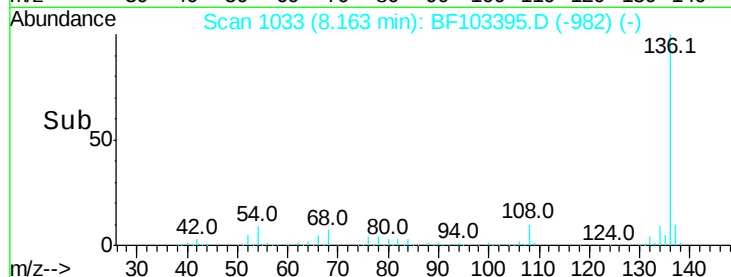
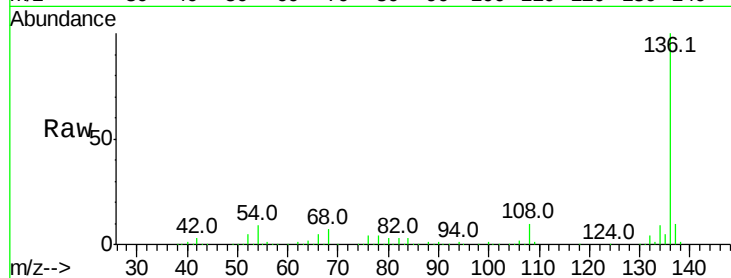
Ion Ratio Lower Upper

136 100

137 10.5 8.9 13.3

54 8.7 6.6 9.8

68 6.7 5.0 7.4

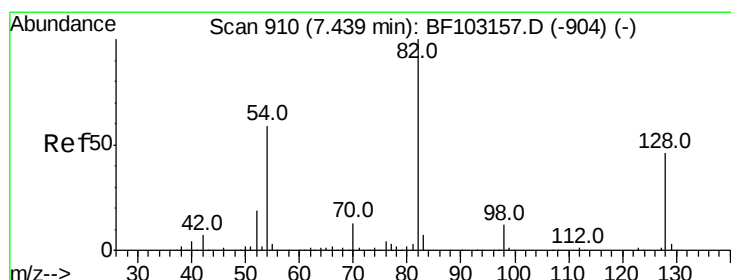
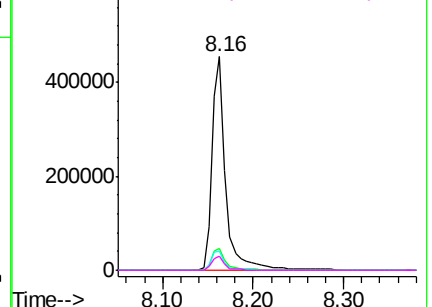


Abundance Ion 136.00 (135.70 to 136.70): E

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: 94.569 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.01 min

Lab File: BF103395.D

Acq: 3 Mar 2018 6:30

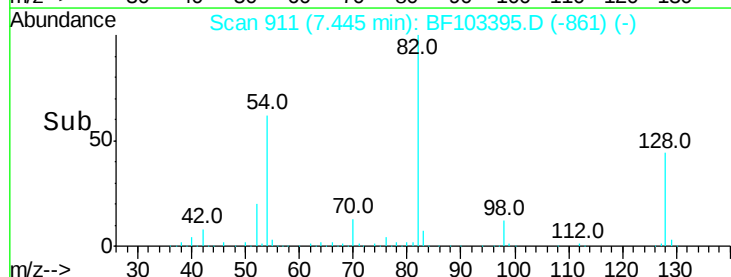
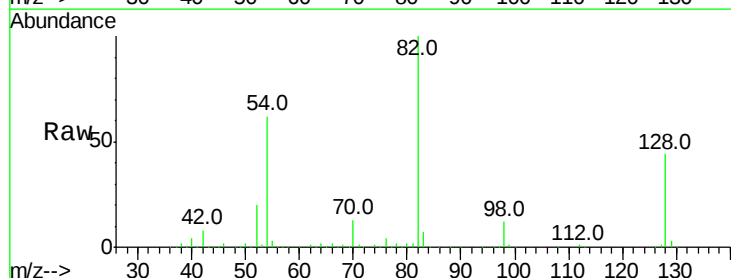
Tgt Ion: 82 Resp: 803724

Ion Ratio Lower Upper

82 100

128 44.0 36.1 54.1

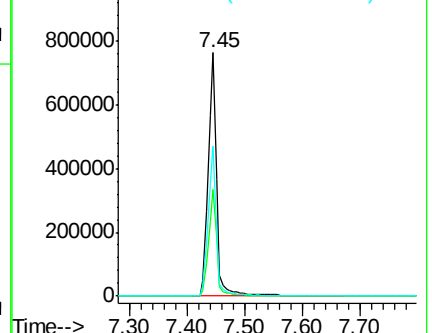
54 61.7 41.4 62.2

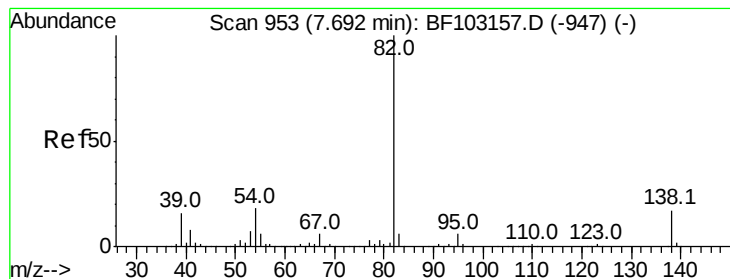


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 48.016 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.26 min

Lab File: BF103395.D

Acq: 3 Mar 2018 6:30

Instrument :

BNA_F

ClientSampleId :

RO-72-11998-CONCRETE

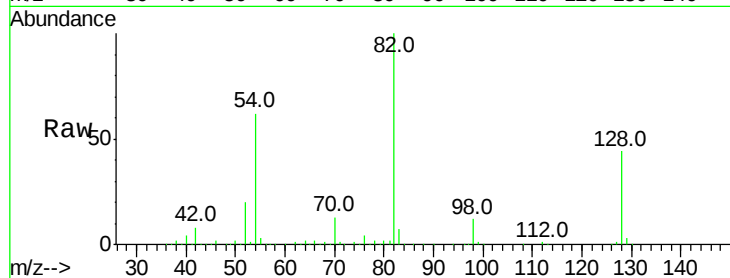
Tot Ion: 82 Resp: 803720

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

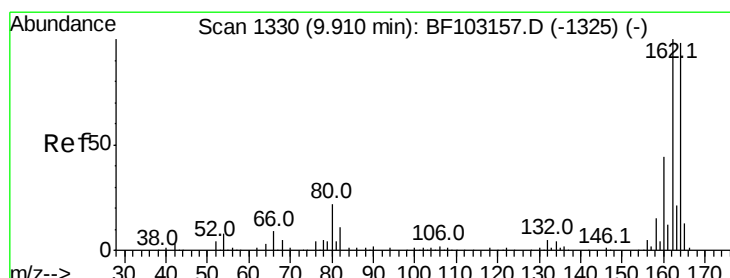
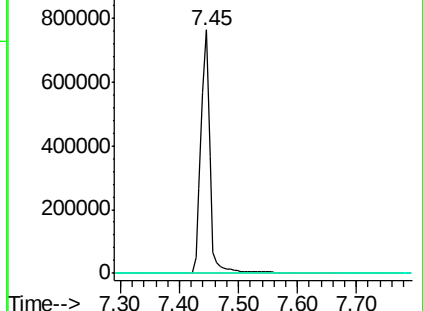
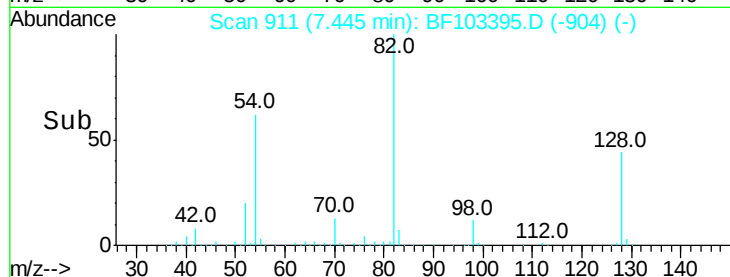
138 0.0 14.9 22.3#



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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF103395.D

Acq: 3 Mar 2018 6:30

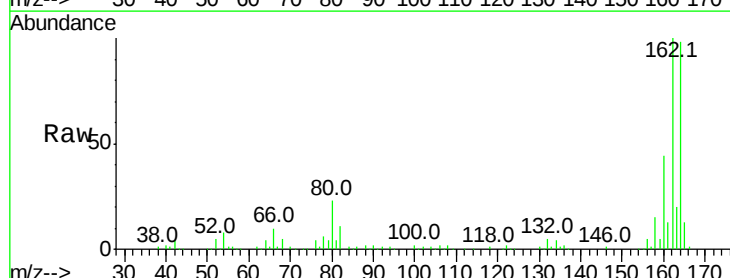
Tgt Ion:164 Resp: 178385

Ion Ratio Lower Upper

164 100

162 102.1 86.1 129.1

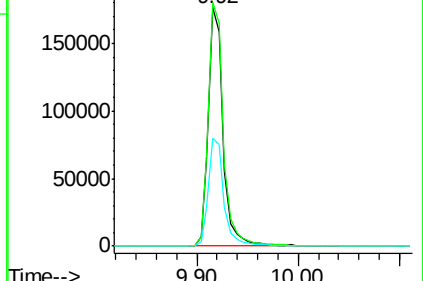
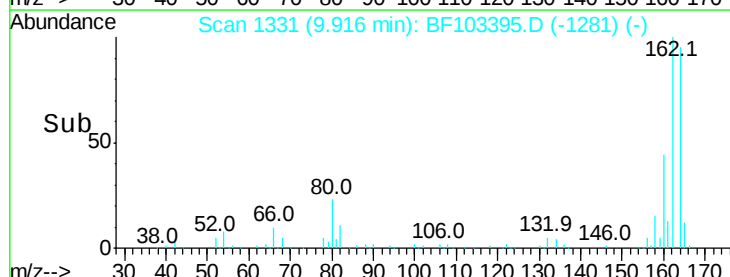
160 45.1 38.3 57.5

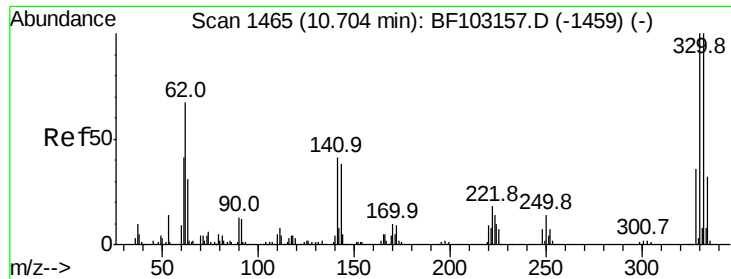


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

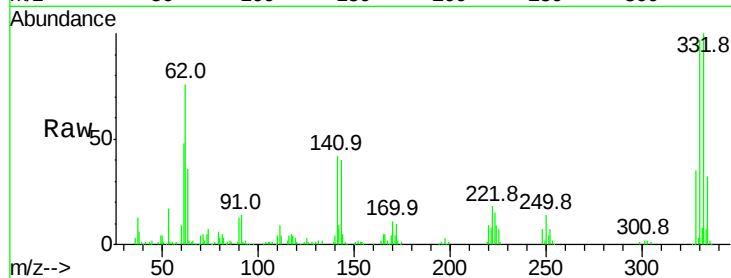




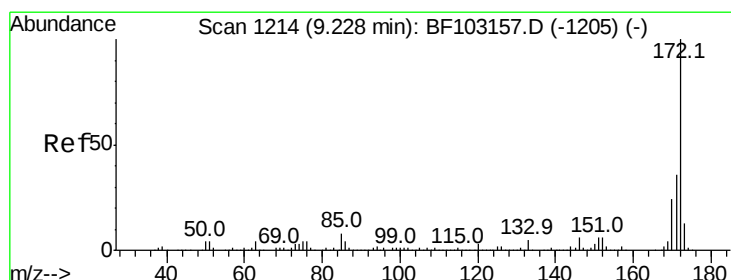
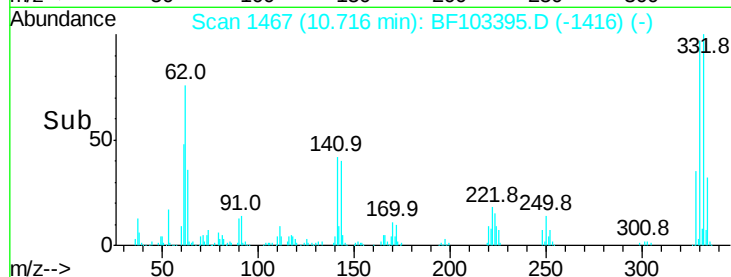
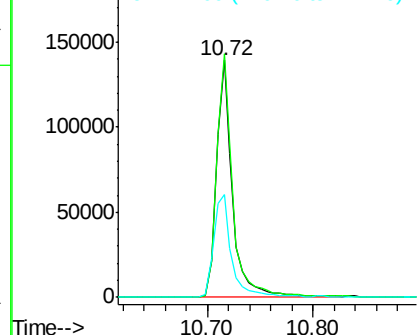
#41
 2,4,6-Tribromophenol
 Concen: 99.205 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.00 min
 Lab File: BF103395.D
 Acq: 3 Mar 2018 6:30

Instrument :
 BNA_F
 ClientSampleId :
 RO-72-11998-CONCRETE

Tot Ion:330 Resp: 149792
 Ion Ratio Lower Upper
 330 100
 332 103.4 77.0 115.6
 141 48.1 29.9 44.9#

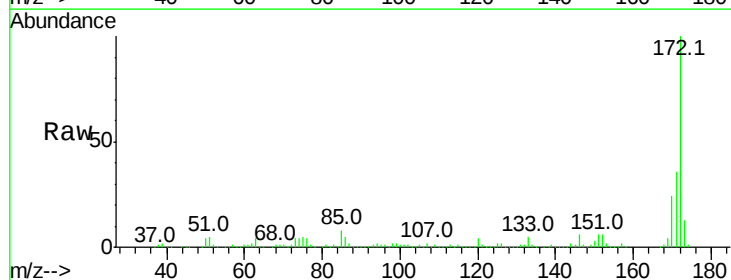


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

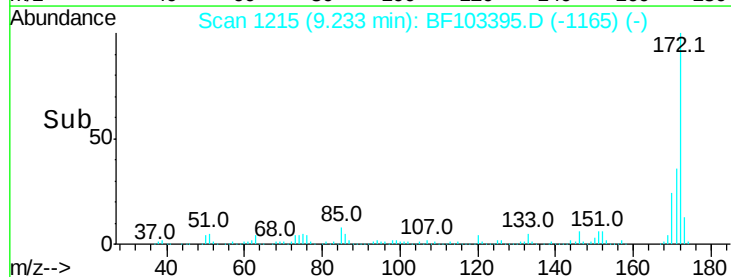
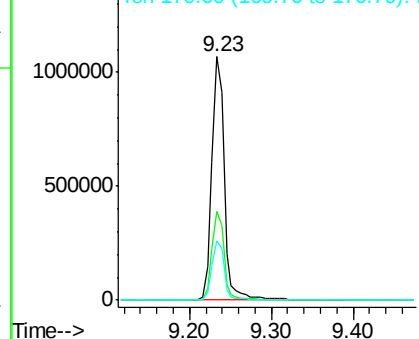


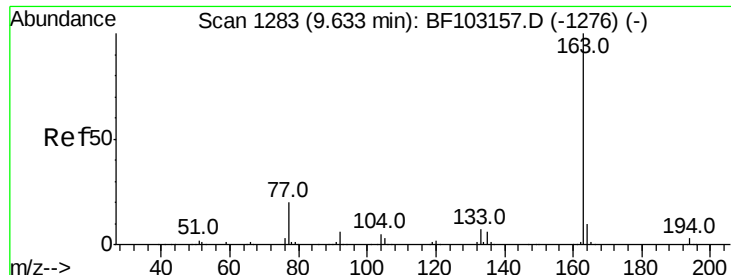
#44
 2-Fluorobiphenyl
 Concen: 120.743 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF103395.D
 Acq: 3 Mar 2018 6:30

Tgt Ion:172 Resp: 1131708
 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: 9.870 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BF103395.D

Acq: 3 Mar 2018 6:30

Instrument :

BNA_F

ClientSampleId :

RO-72-11998-CONCRETE

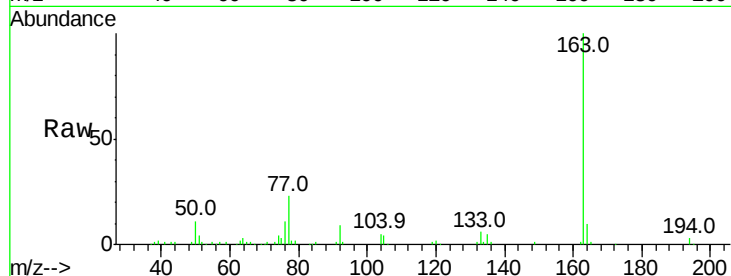
Tot Ion:163 Resp: 141243

Ion Ratio Lower Upper

163 100

194 3.2 2.7 4.1

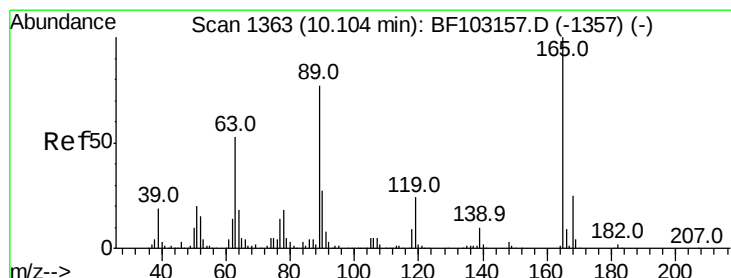
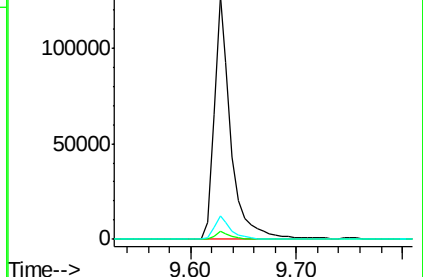
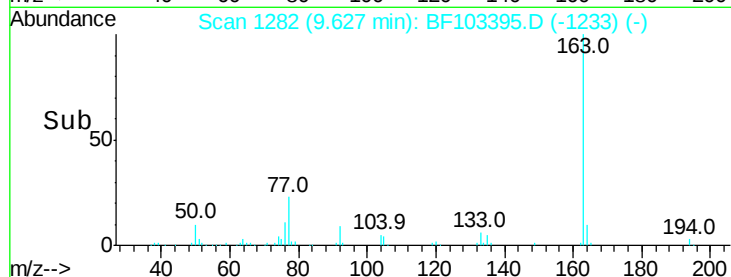
164 9.7 8.2 12.2



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



#56

2,4-Dinitrotoluene

Concen: 5.845 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.21 min

Lab File: BF103395.D

Acq: 3 Mar 2018 6:30

Tgt Ion:165 Resp: 22199

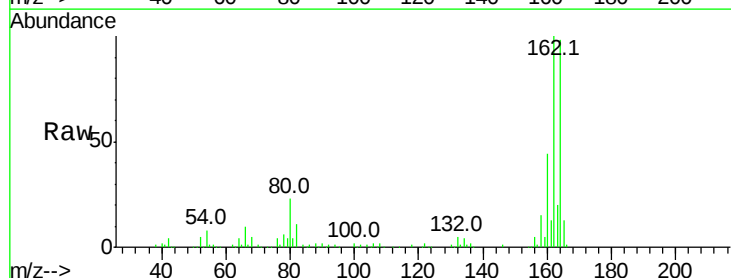
Ion Ratio Lower Upper

165 100

63 1.5 36.4 54.6#

89 1.9 57.8 86.6#

182 0.0 1.6 2.4#

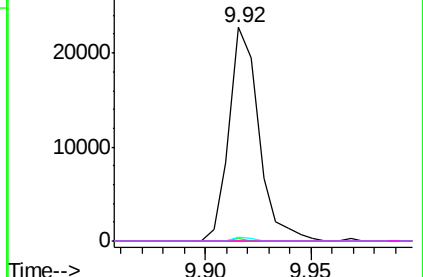
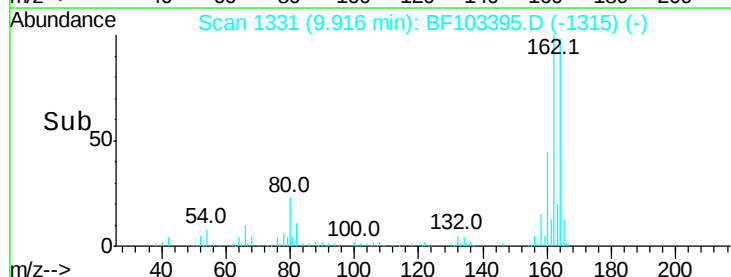


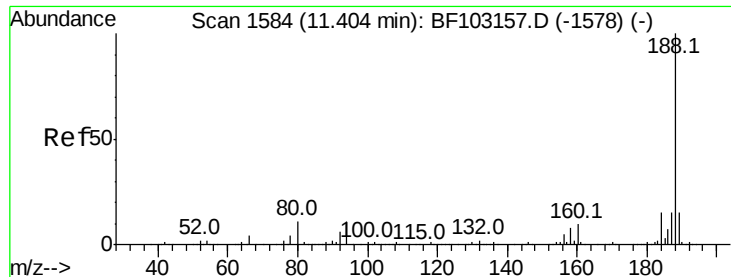
Abundance Ion 165.00 (164.70 to 165.70): E

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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1586

Delta R.T. -0.00 min

Lab File: BF103395.D

Acq: 3 Mar 2018 6:30

Instrument :

BNA_F

ClientSampleId :

RO-72-11998-CONCRETE

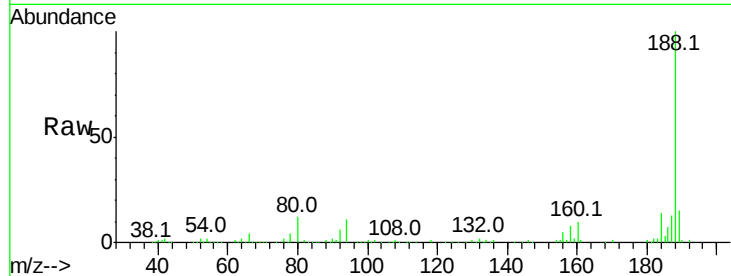
Tot Ion:188 Resp: 276230

Ion Ratio Lower Upper

188 100

94 10.8 8.5 12.7

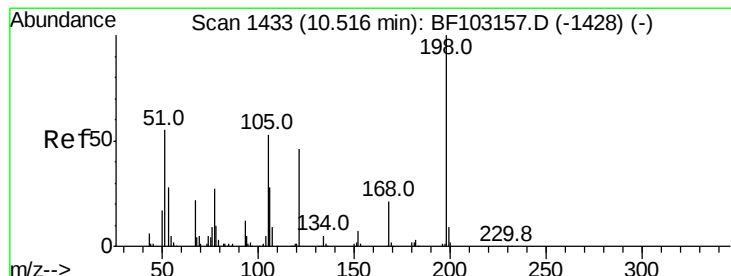
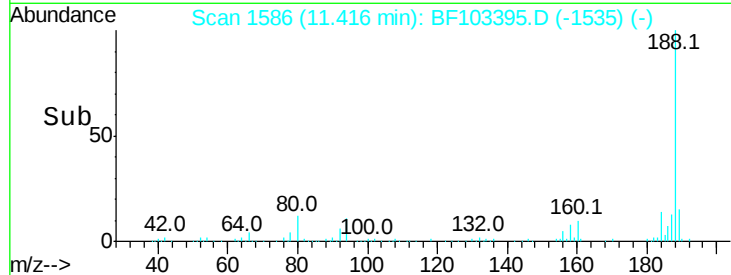
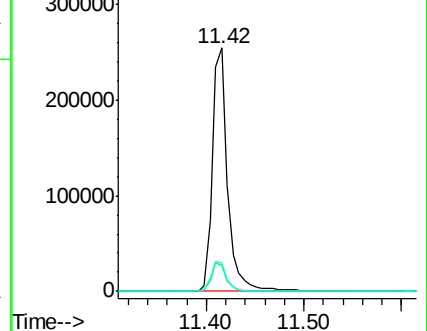
80 11.6 9.2 13.8



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: 5.093 ng

RT: 10.72 min Scan# 1467

Delta R.T. 0.18 min

Lab File: BF103395.D

Acq: 3 Mar 2018 6:30

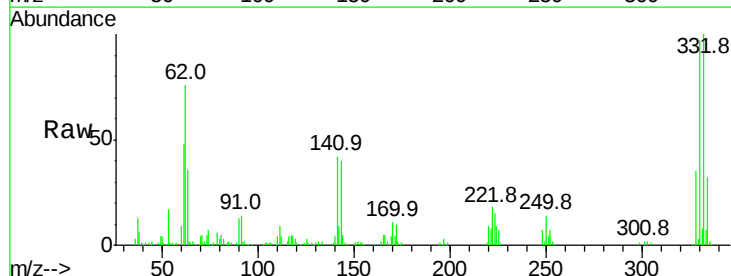
Tgt Ion:198 Resp: 277

Ion Ratio Lower Upper

198 100

51 217.7 37.7 77.7#

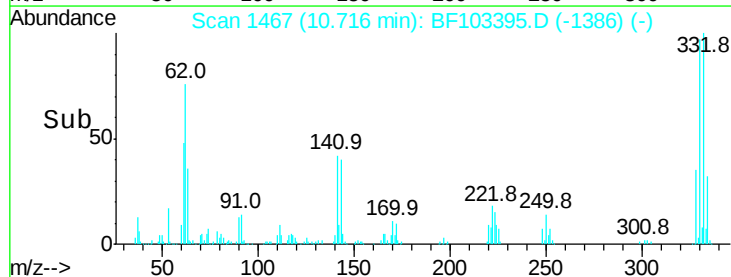
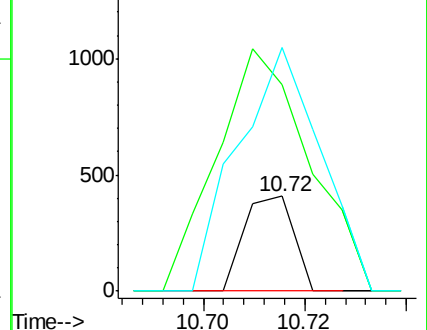
105 257.2 36.3 76.3#

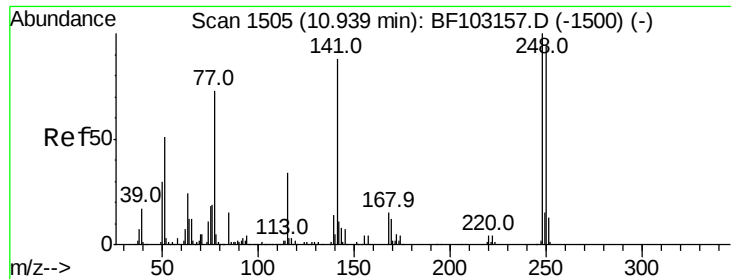


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

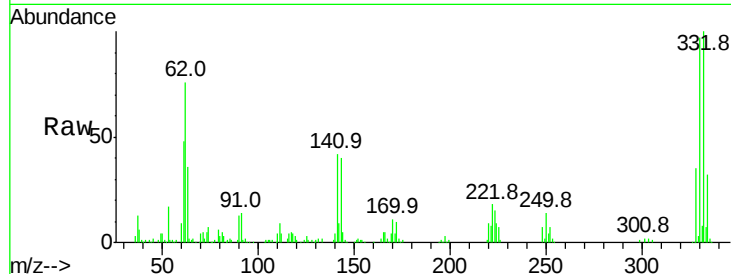




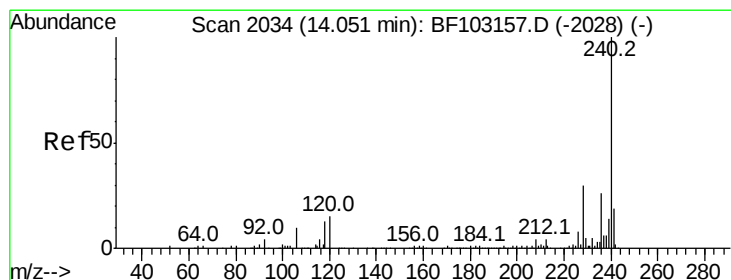
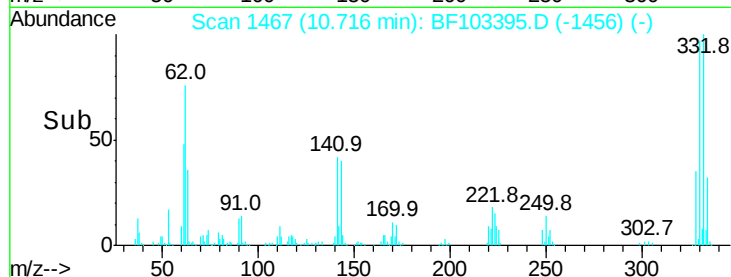
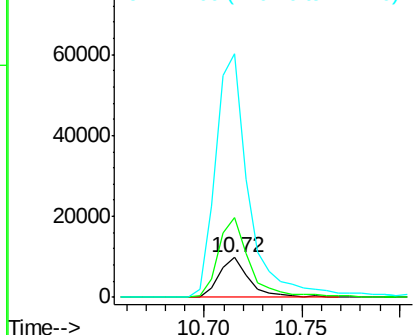
#66
4-Bromophenyl-phenylether
Concen: 3.625 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.24 min
Lab File: BF103395.D
Acq: 3 Mar 2018 6:30

Instrument :
BNA_F
ClientSampleId :
RO-72-11998-CONCRETE

Tot Ion:248 Resp: 10432
Ion Ratio Lower Upper
248 100
250 200.9 76.9 115.3#
141 614.1 74.4 111.6#

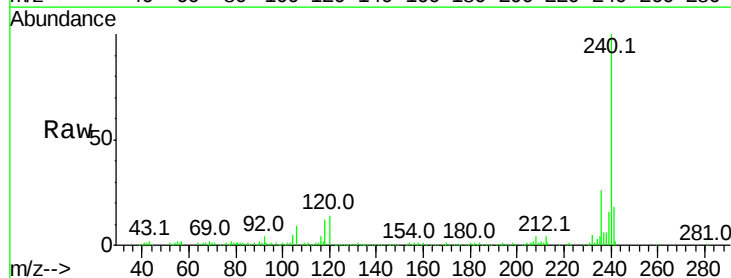


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

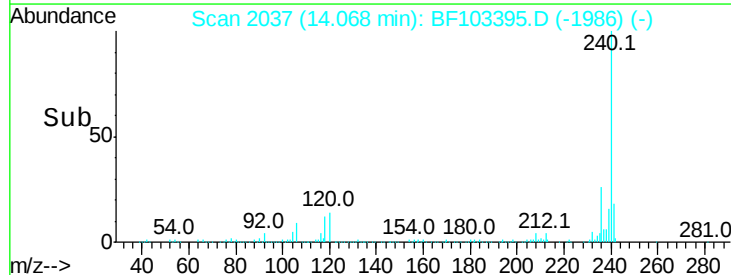
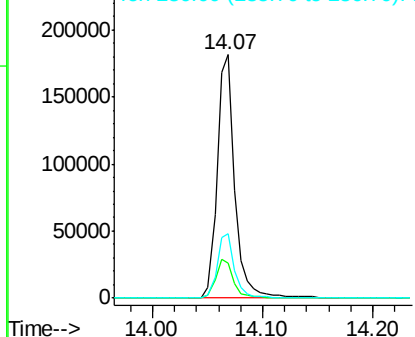


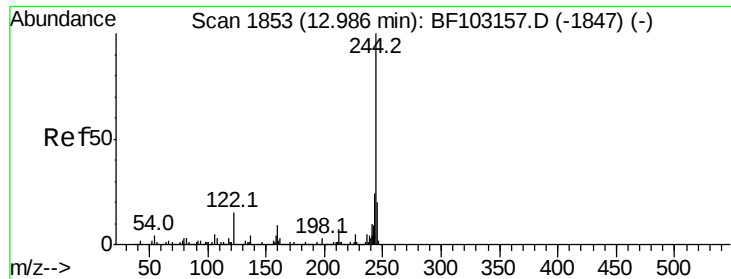
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.00 min
Lab File: BF103395.D
Acq: 3 Mar 2018 6:30

Tgt Ion:240 Resp: 200761
Ion Ratio Lower Upper
240 100
120 14.3 9.5 14.3
236 26.4 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 94.664 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BF103395.D

Acq: 3 Mar 2018 6:30

Instrument :

BNA_F

ClientSampleId :

RO-72-11998-CONCRETE

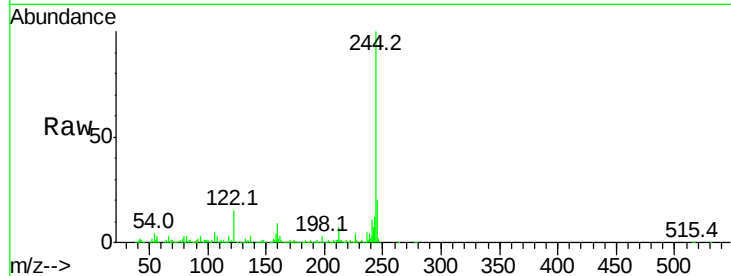
Tot Ion:244 Resp: 790594

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

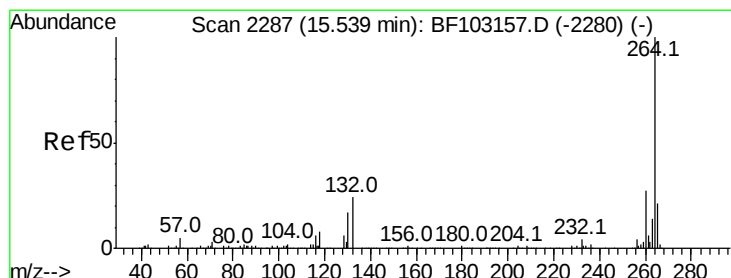
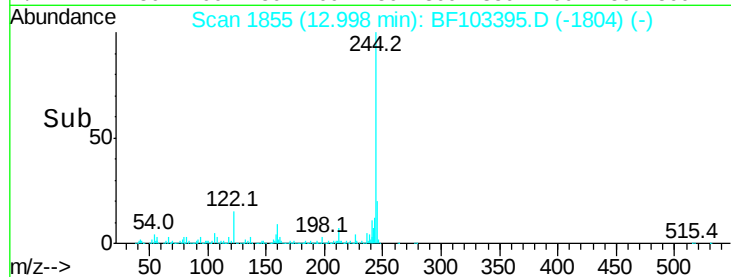
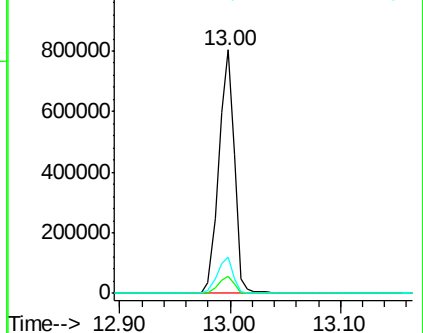
122 14.8 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.57 min Scan# 2293

Delta R.T. 0.01 min

Lab File: BF103395.D

Acq: 3 Mar 2018 6:30

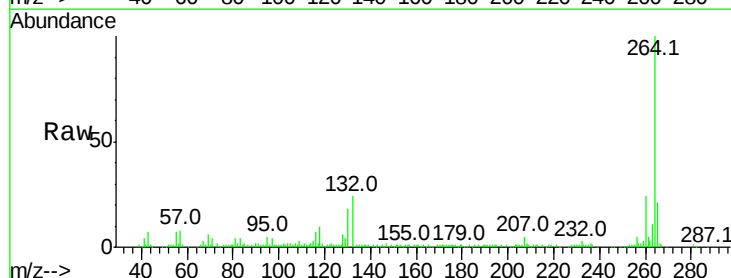
Tgt Ion:264 Resp: 134205

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 21.0 17.5 26.3



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

