

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042219\
 Data File : BF113910.D
 Acq On : 23 Apr 2019 6:36
 Operator : JU/SJ
 Sample : K2489-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-CURB-A

Quant Time: Apr 23 08:45:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 23 03:32:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	146863	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	507319	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	243607	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	512721	20.00	ng	0.00
76) Chrysene-d12	14.06	240	443822	20.00	ng	-0.01
87) Perylene-d12	15.54	264	350139	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.52	112	631501	73.54	ng	0.00
7) Phenol-d6	6.52	99	878049	81.50	ng	0.00
23) Nitrobenzene-d5	7.45	82	523913	63.76	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	237641	80.08	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1064039	68.31	ng	0.00
79) Terphenyl-d14	13.00	244	1462005	67.53	ng	0.00

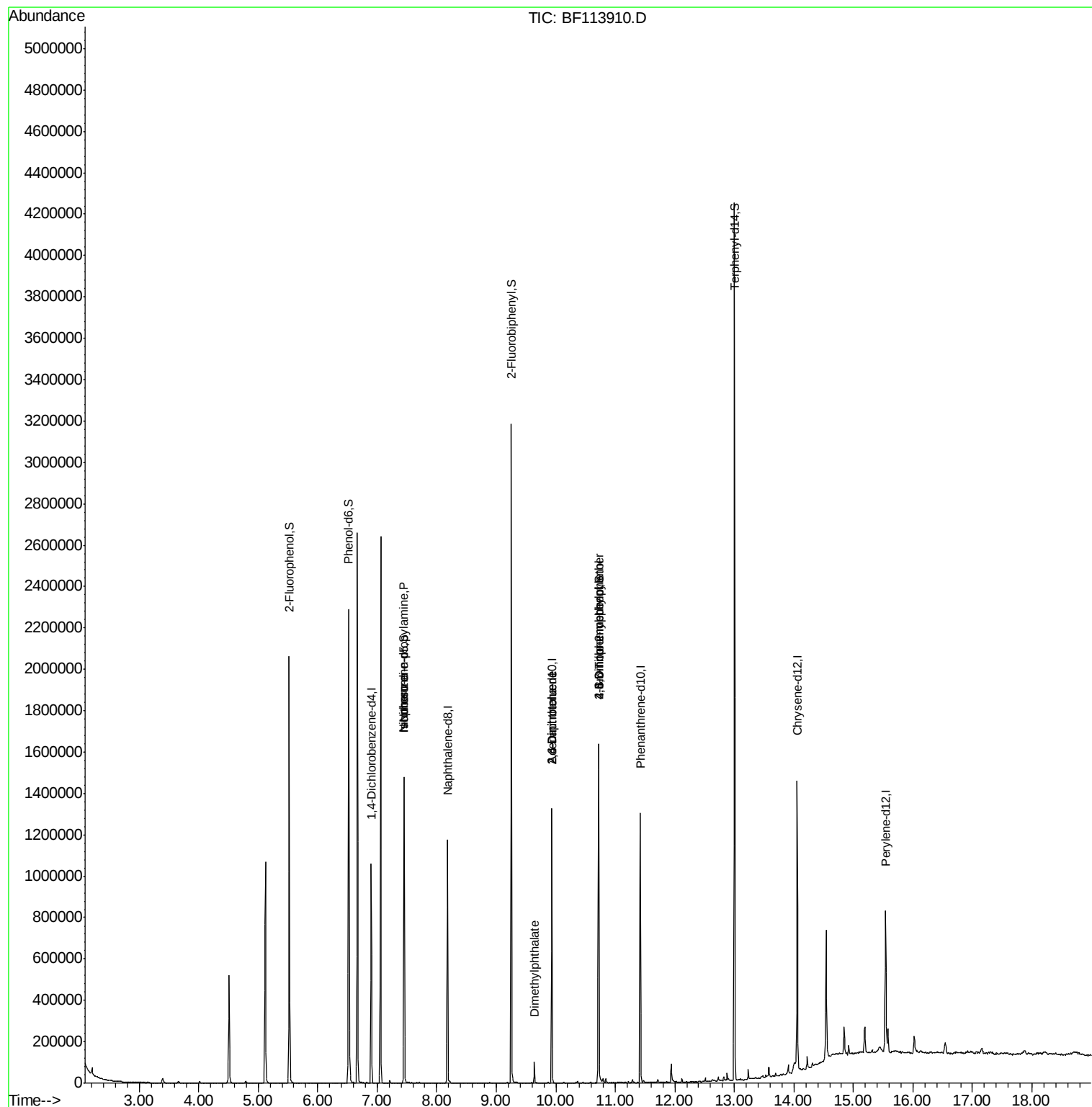
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.52	77	1434	Below Cal	#	3
19) n-Nitroso-di-n-propylamine	7.45	70	69239	9.925 ng	#	78
25) Isophorone	7.45	82	523902	31.162 ng	#	65
50) Dimethylphthalate	9.64	163	41938	2.380 ng	#	99
51) 2,6-Dinitrotoluene	9.93	165	31194	8.253 ng	#	33
57) 2,4-Dinitrotoluene	9.93	165	31194	6.538 ng	#	29
65) 4,6-Dinitro-2-methylphenol	10.72	198	298	7.416 ng	#	1
67) 4-Bromophenyl-phenylether	10.72	248	14216	2.295 ng	#	1

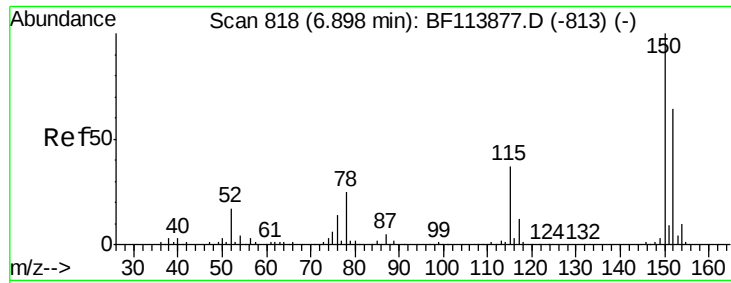
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042219\
Data File : BF113910.D
Acq On : 23 Apr 2019 6:36
Operator : JU/SJ
Sample : K2489-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CONCRETE-CURB-A

Quant Time: Apr 23 08:45:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 23 03:32:35 2019
Response via : Initial Calibration



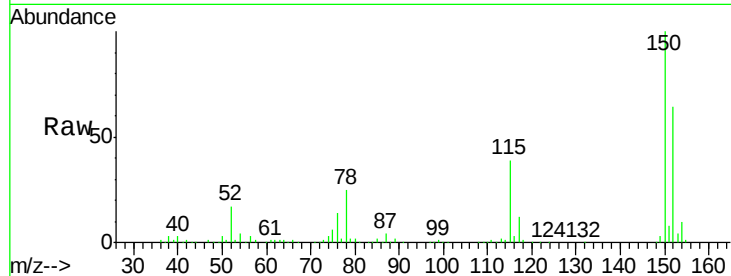


#1

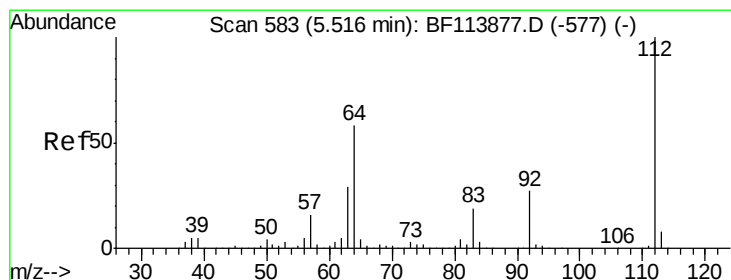
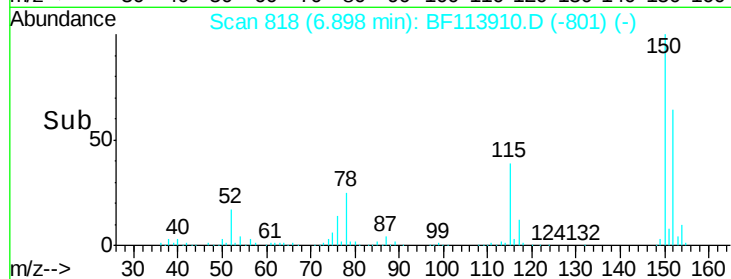
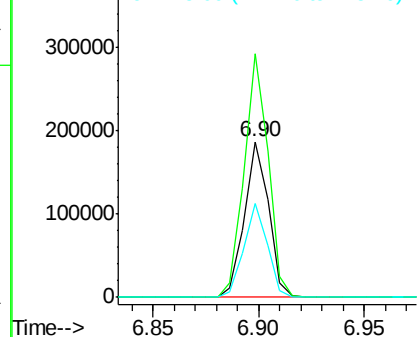
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF113910.D
Acq: 23 Apr 2019 6:36

Instrument :
BNA_F
ClientSampleId :
CONCRETE-CURB-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	125.9	188.9
115	60.7	45.9	68.9



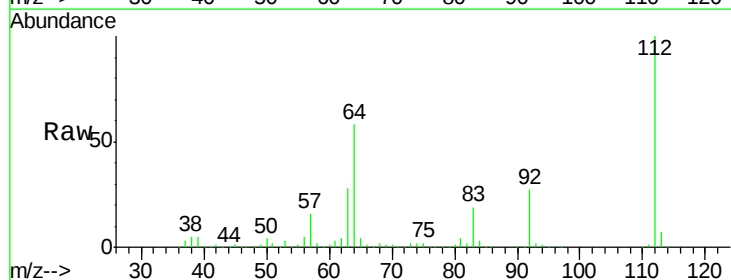
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



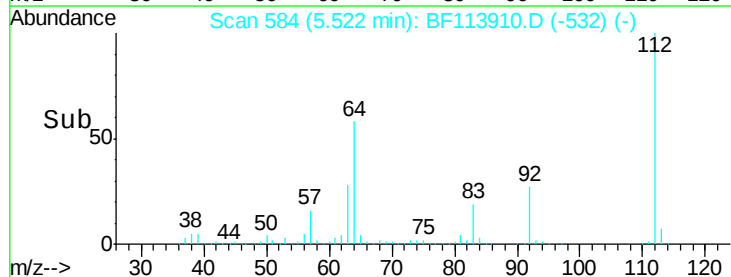
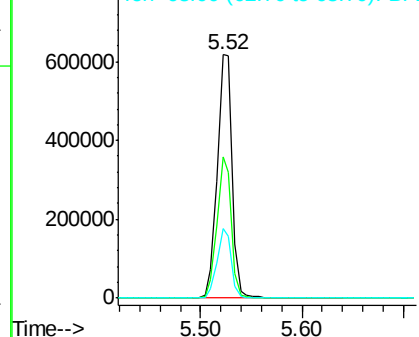
#5

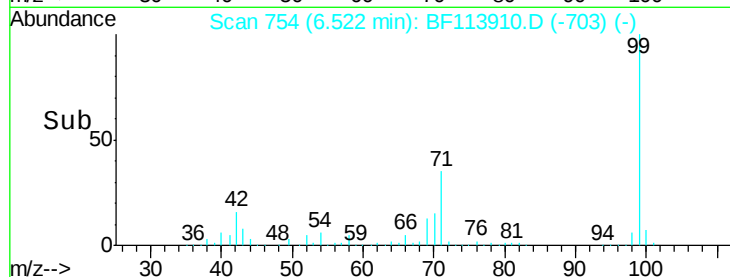
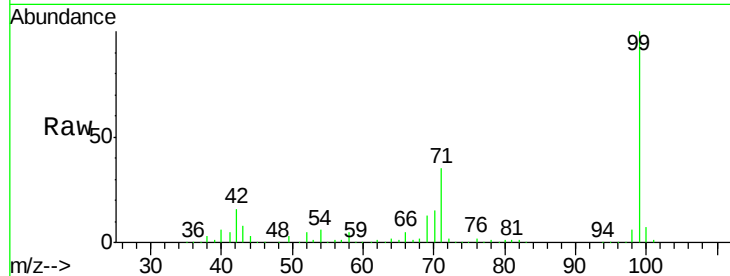
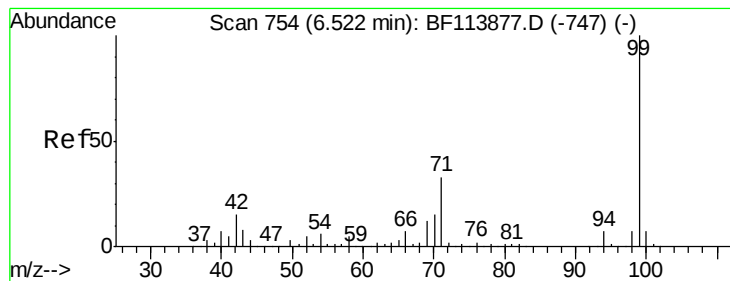
2-Fluorophenol
Concen: 73.544 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.01 min
Lab File: BF113910.D
Acq: 23 Apr 2019 6:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.2	46.6	69.8
63	28.3	23.1	34.7



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: 81.504 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF113910.D

Acq: 23 Apr 2019 6:36

Instrument :

BNA_F

ClientSampleId :

CONCRETE-CURB-A

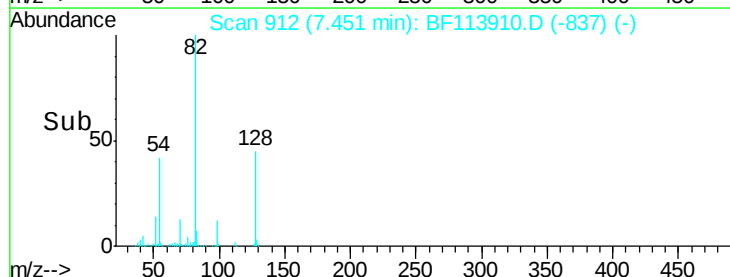
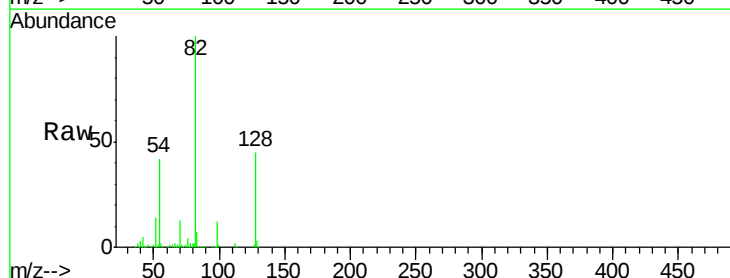
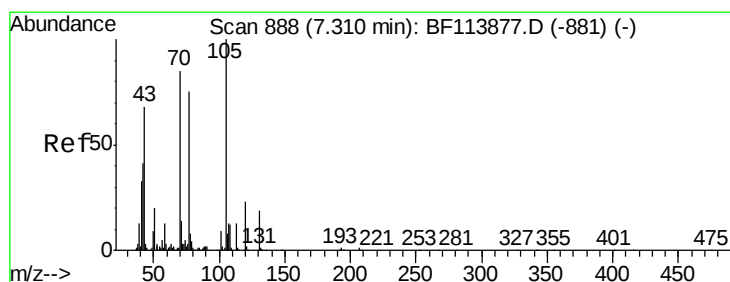
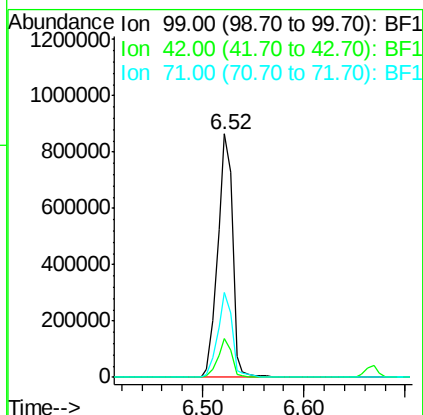
Tot Ion: 99 Resp: 878049

Ion Ratio Lower Upper

99 100

42 15.7 12.5 18.7

71 34.7 26.9 40.3



#19

n-Nitroso-di-n-propylamine

Concen: 9.925 ng

RT: 7.45 min Scan# 912

Delta R.T. 0.14 min

Lab File: BF113910.D

Acq: 23 Apr 2019 6:36

Tgt Ion: 70 Resp: 69239

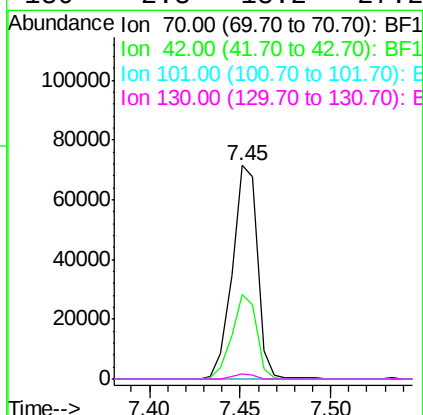
Ion Ratio Lower Upper

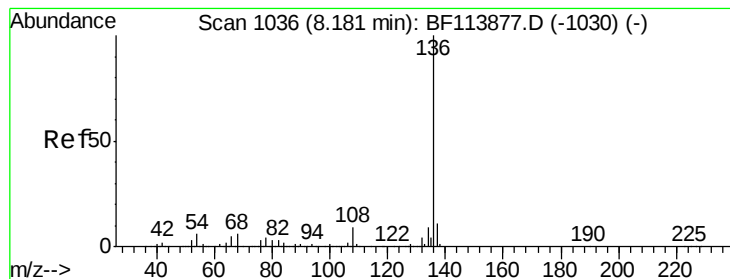
70 100

42 39.5 37.3 55.9

101 0.0 7.8 11.8#

130 2.3 18.2 27.2#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.18 min Scan# 1036

Delta R.T. -0.00 min

Lab File: BF113910.D

Acq: 23 Apr 2019 6:36

Instrument :

BNA_F

ClientSampleId :

CONCRETE-CURB-A

Tot Ion:136 Resp: 507319

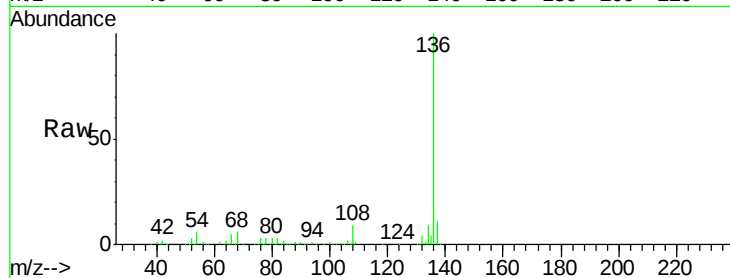
Ion Ratio Lower Upper

136 100

137 10.7 8.6 12.8

54 5.8 5.0 7.6

68 6.0 4.9 7.3

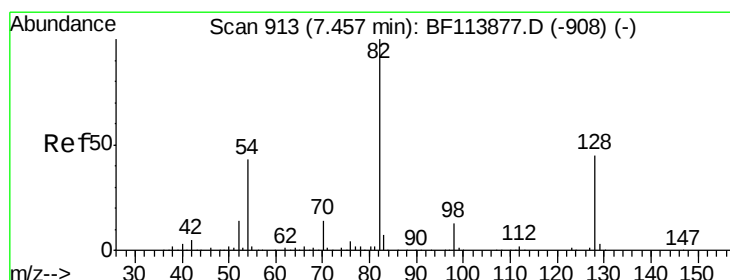
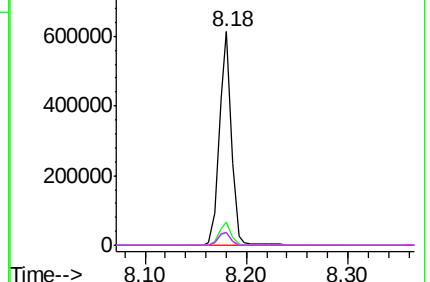
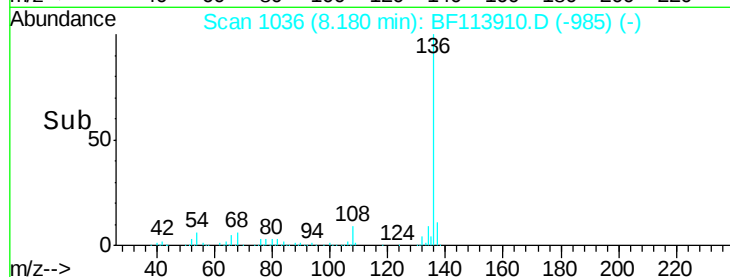


Abundance Ion 136.00 (135.70 to 136.70): E

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: 63.763 ng

RT: 7.45 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF113910.D

Acq: 23 Apr 2019 6:36

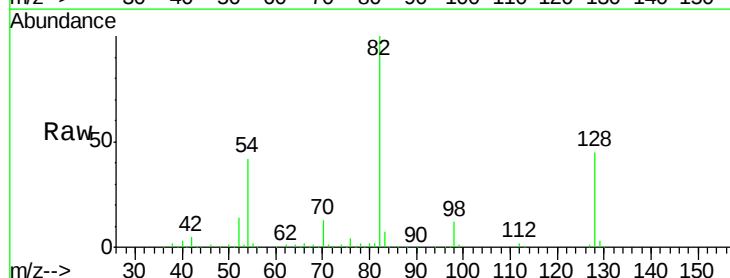
Tgt Ion: 82 Resp: 523913

Ion Ratio Lower Upper

82 100

128 45.1 36.8 55.2

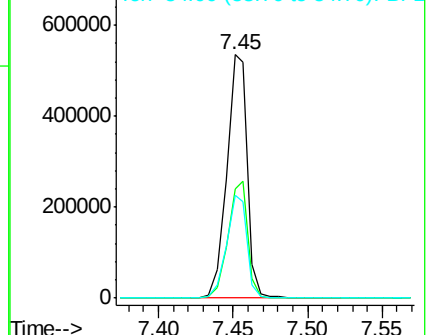
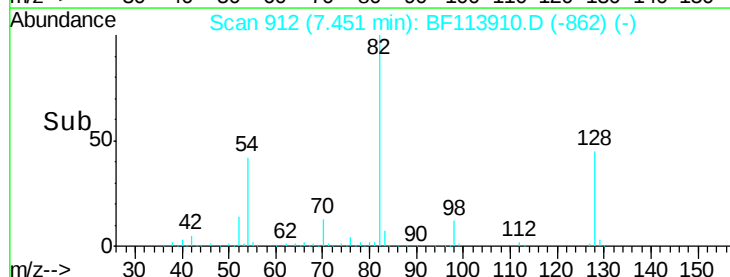
54 42.4 33.8 50.6

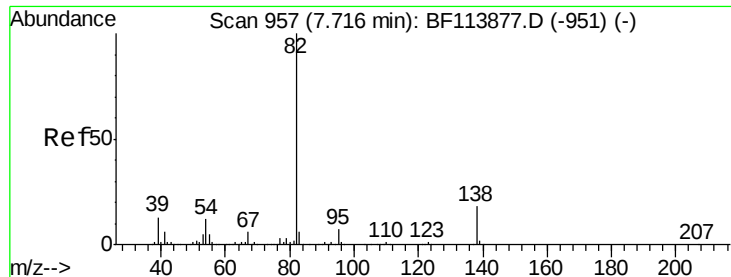


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 31.162 ng

RT: 7.45 min Scan# 912

Delta R.T. -0.26 min

Lab File: BF113910.D

Acq: 23 Apr 2019 6:36

Instrument :

BNA_F

ClientSampleId :

CONCRETE-CURB-A

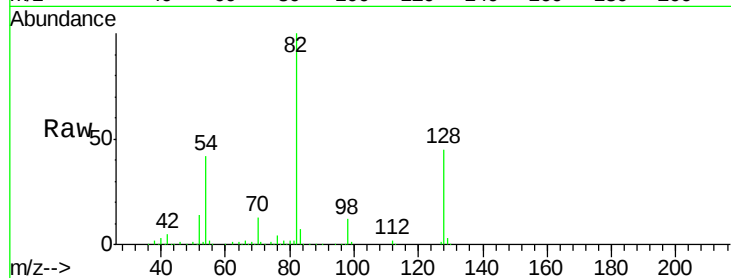
Tot Ion: 82 Resp: 523902

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

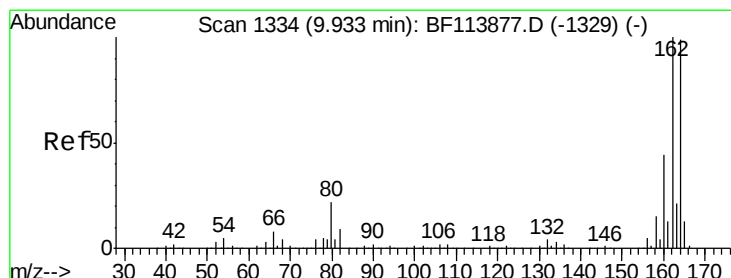
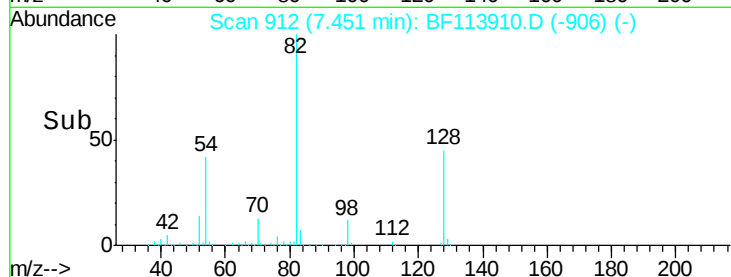
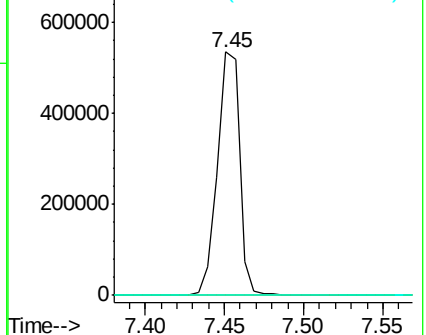
138 0.0 14.6 22.0#



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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.93 min Scan# 1334

Delta R.T. -0.00 min

Lab File: BF113910.D

Acq: 23 Apr 2019 6:36

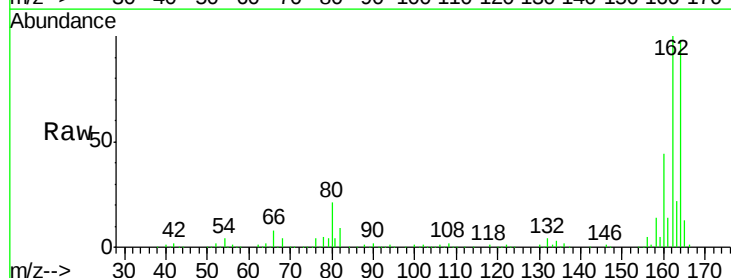
Tgt Ion:164 Resp: 243607

Ion Ratio Lower Upper

164 100

162 101.9 81.1 121.7

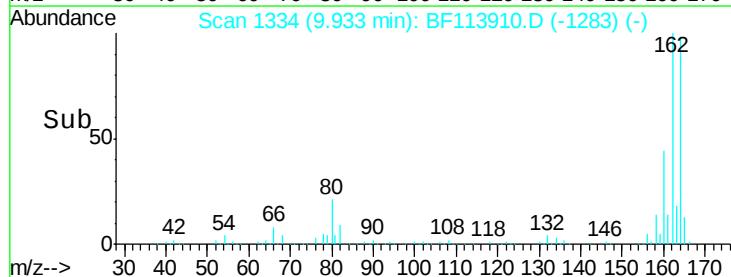
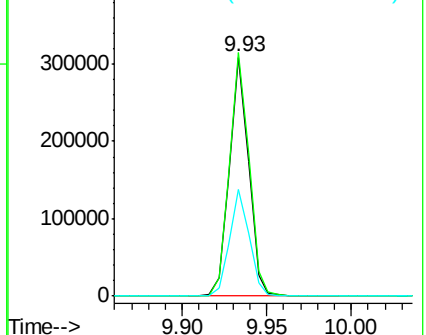
160 44.4 35.8 53.6

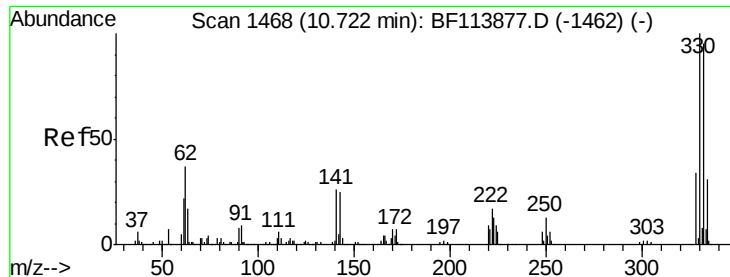


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

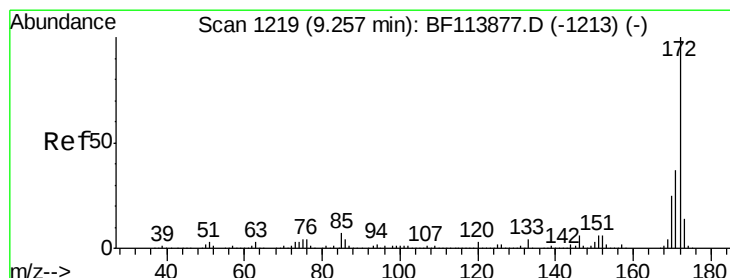
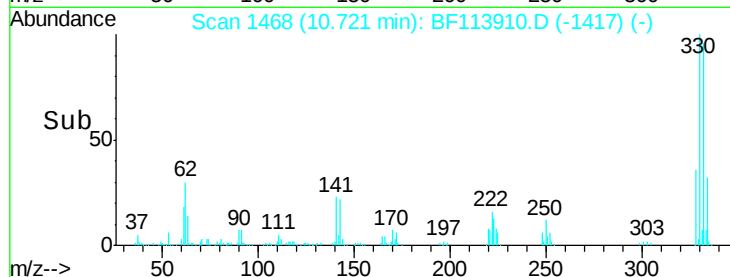
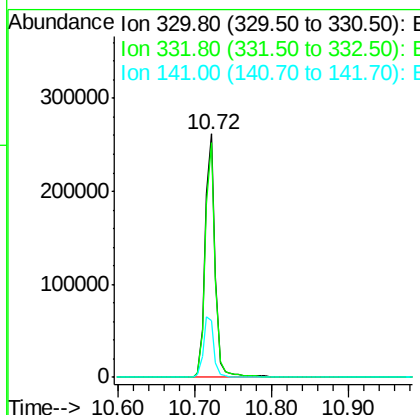
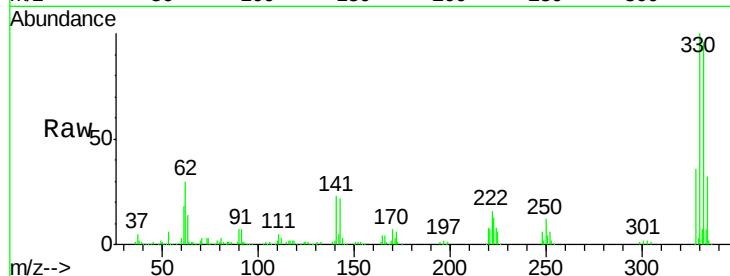




#42
 2,4,6-Tribromophenol
 Concen: 80.078 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. -0.00 min
 Lab File: BF113910.D
 Acq: 23 Apr 2019 6:36

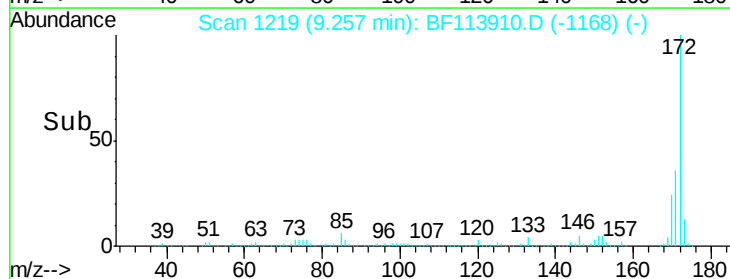
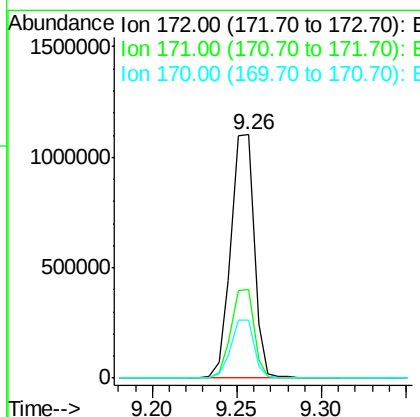
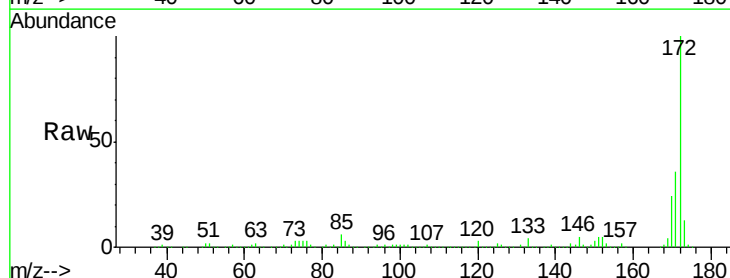
Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-CURB-A

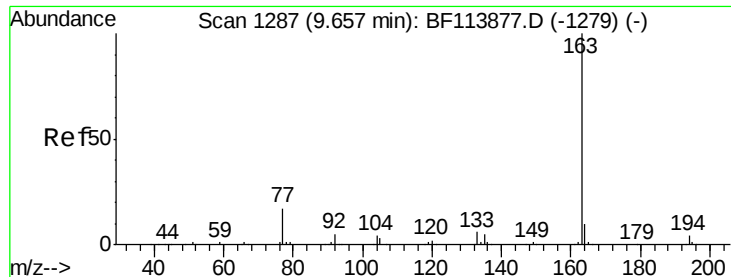
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.5	116.3
141	26.0	22.2	33.2



#45
 2-Fluorobiphenyl
 Concen: 68.314 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. 0.00 min
 Lab File: BF113910.D
 Acq: 23 Apr 2019 6:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.4	44.0
170	23.9	19.9	29.9





#50

Dimethylphthalate

Concen: 2.380 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.02 min

Lab File: BF113910.D

Acq: 23 Apr 2019 6:36

Instrument :

BNA_F

ClientSampleId :

CONCRETE-CURB-A

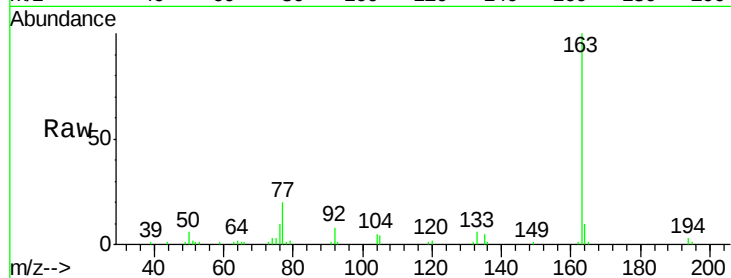
Tot Ion:163 Resp: 41938

Ion Ratio Lower Upper

163 100

194 3.2 3.4 5.2#

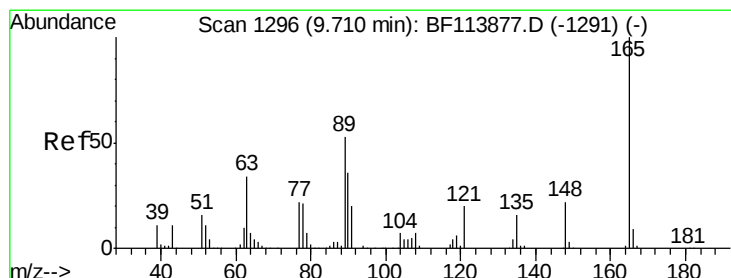
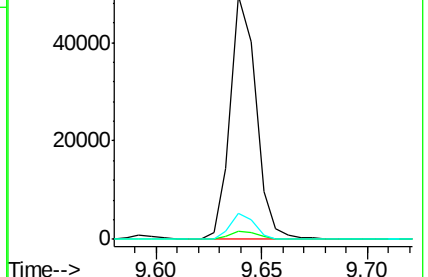
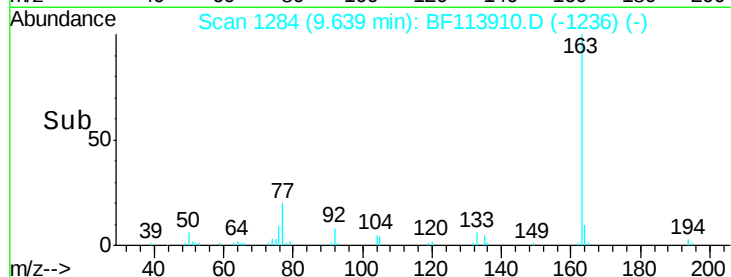
164 10.5 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#51

2,6-Dinitrotoluene

Concen: 8.253 ng

RT: 9.93 min Scan# 1334

Delta R.T. 0.22 min

Lab File: BF113910.D

Acq: 23 Apr 2019 6:36

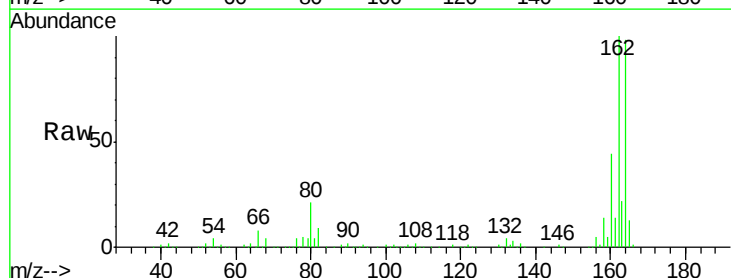
Tgt Ion:165 Resp: 31194

Ion Ratio Lower Upper

165 100

63 1.1 33.8 50.8#

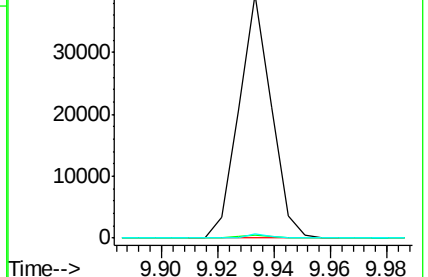
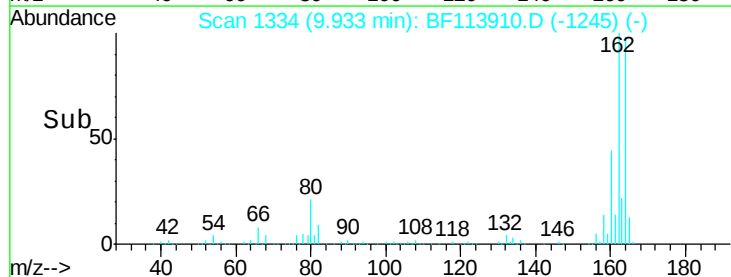
89 1.7 38.2 57.2#

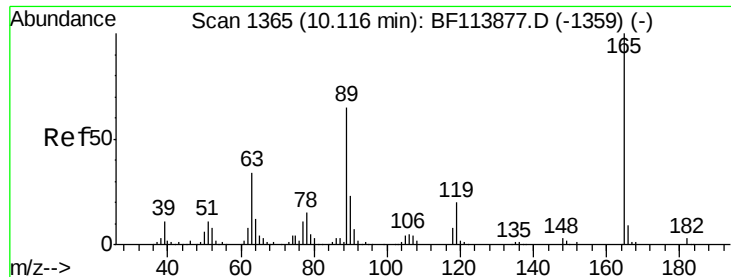


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#57

2,4-Dinitrotoluene

Concen: 6.538 ng

RT: 9.93 min Scan# 1334

Delta R.T. -0.18 min

Lab File: BF113910.D

Acq: 23 Apr 2019 6:36

Instrument :

BNA_F

ClientSampleId :

CONCRETE-CURB-A

Tot Ion:165 Resp: 31194

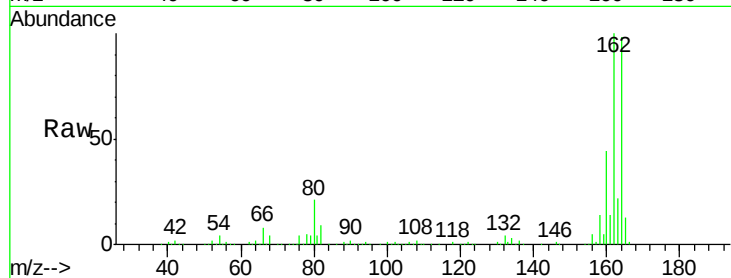
Ion Ratio Lower Upper

165 100

63 1.1 27.4 41.0#

89 1.7 51.8 77.6#

182 0.0 2.2 3.2#

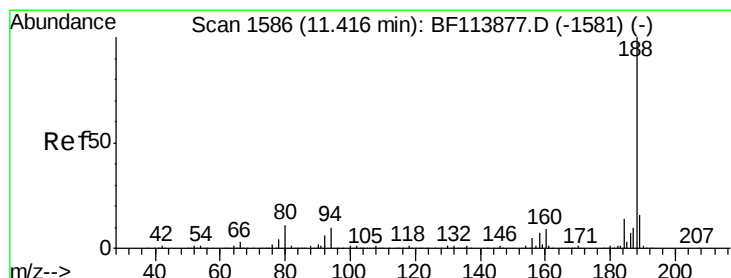
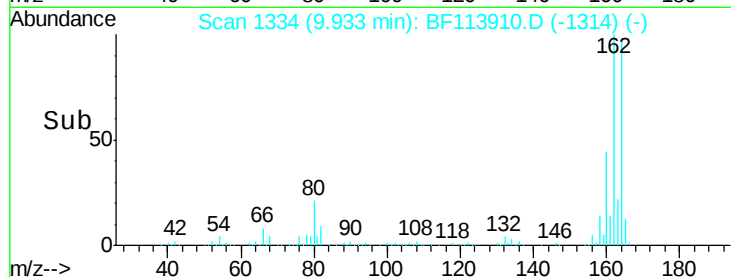
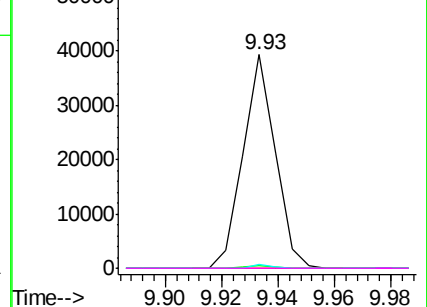


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1587

Delta R.T. 0.01 min

Lab File: BF113910.D

Acq: 23 Apr 2019 6:36

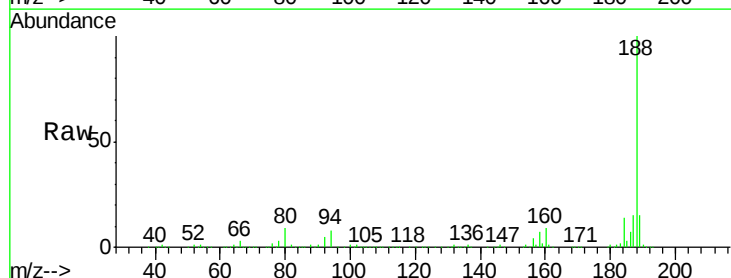
Tgt Ion:188 Resp: 512721

Ion Ratio Lower Upper

188 100

94 8.2 8.2 12.4#

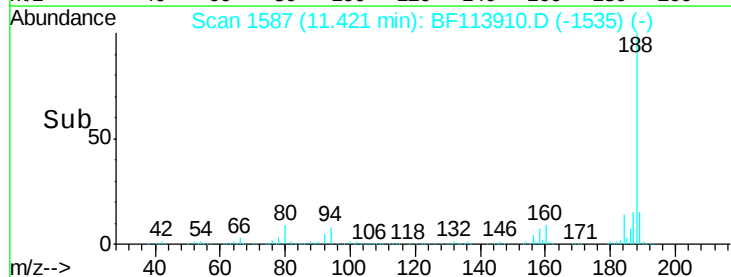
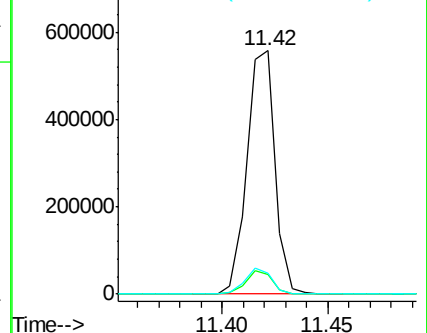
80 8.5 9.0 13.6#

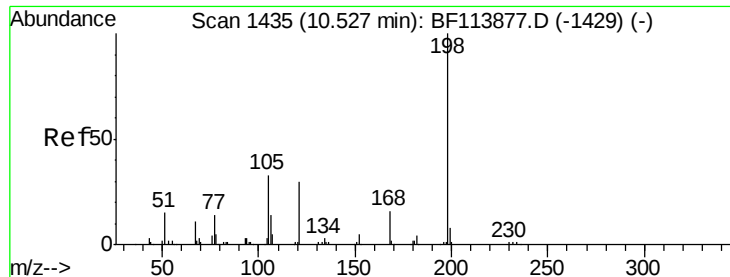


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 7.416 ng

RT: 10.72 min Scan# 1467

Delta R.T. 0.19 min

Lab File: BF113910.D

Acq: 23 Apr 2019 6:36

Instrument :

BNA_F

ClientSampleId :

CONCRETE-CURB-A

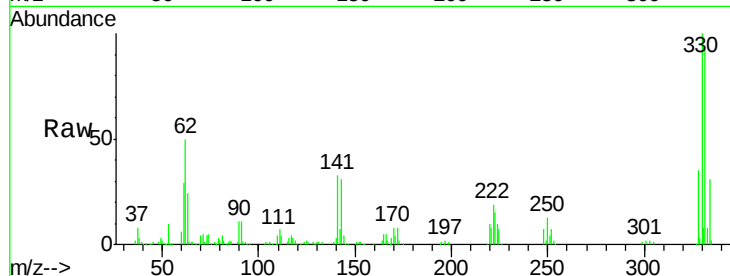
Tot Ion:198 Resp: 298

Ion Ratio Lower Upper

198 100

51 154.9 11.1 51.1#

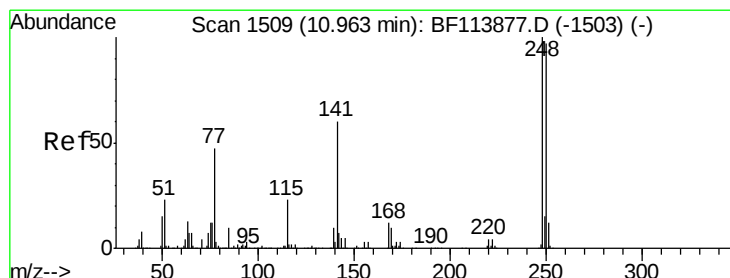
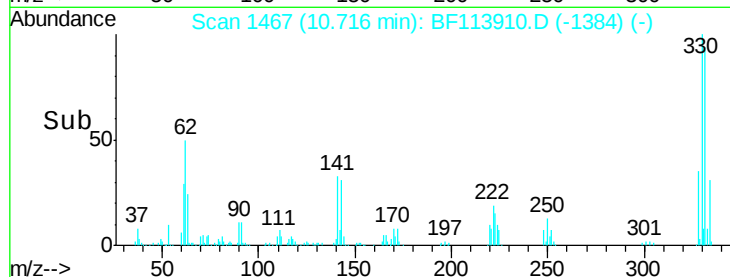
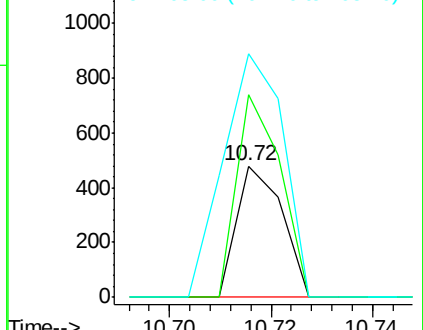
105 185.6 20.7 60.7#



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



#67

4-Bromophenyl-phenylether

Concen: 2.295 ng

RT: 10.72 min Scan# 1468

Delta R.T. -0.24 min

Lab File: BF113910.D

Acq: 23 Apr 2019 6:36

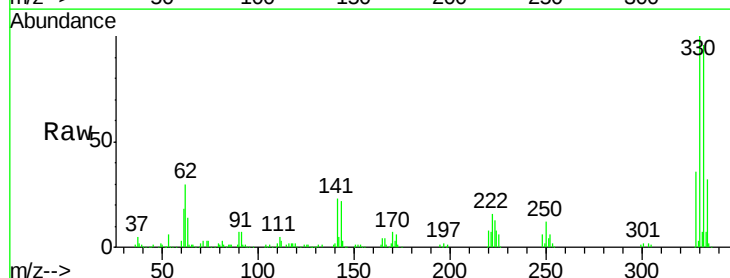
Tgt Ion:248 Resp: 14216

Ion Ratio Lower Upper

248 100

250 200.9 75.8 113.6#

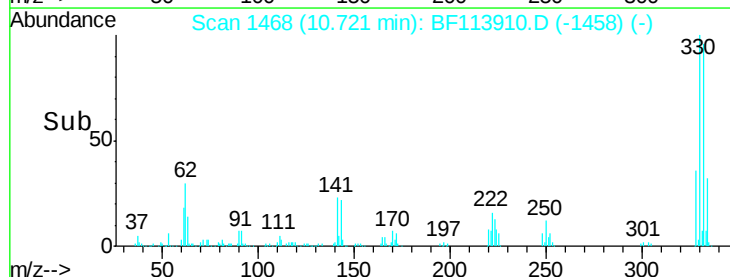
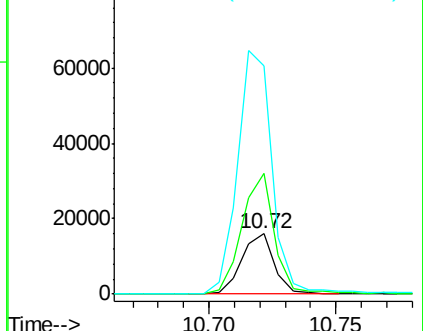
141 379.3 50.2 75.4#

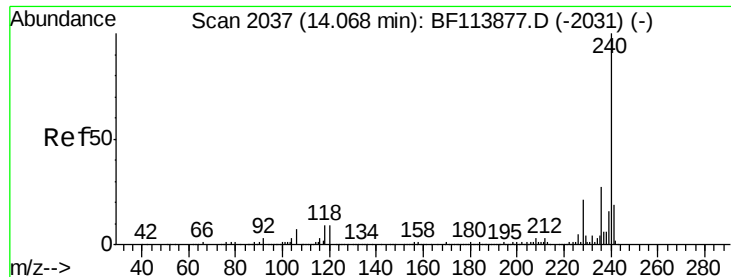


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF113910.D

Acq: 23 Apr 2019 6:36

Instrument :

BNA_F

ClientSampleId :

CONCRETE-CURB-A

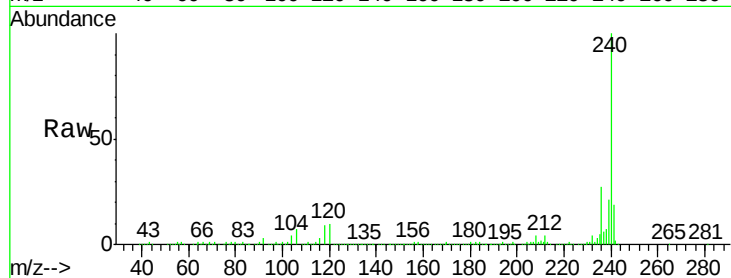
Tot Ion:240 Resp: 443822

Ion Ratio Lower Upper

240 100

120 9.9 9.3 13.9

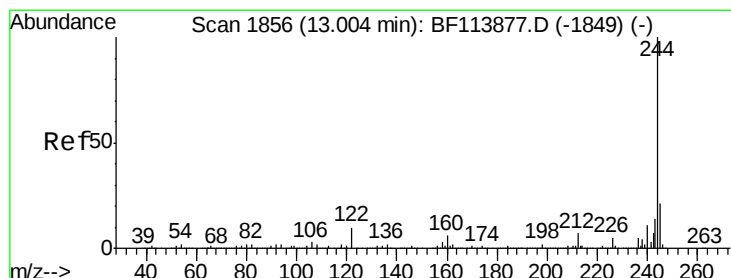
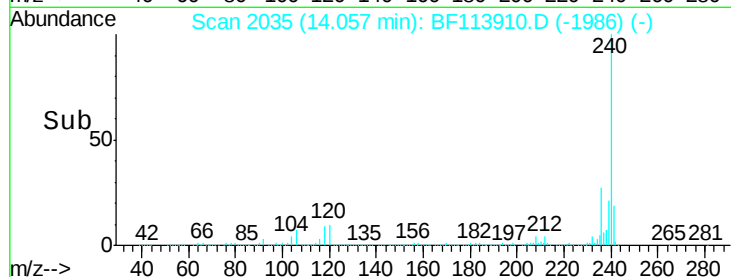
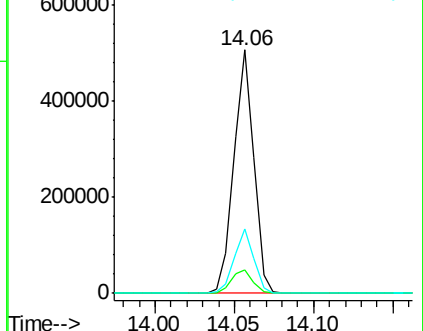
236 26.7 21.2 31.8



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



#79

Terphenyl-d14

Concen: 67.534 ng

RT: 13.00 min Scan# 1856

Delta R.T. -0.00 min

Lab File: BF113910.D

Acq: 23 Apr 2019 6:36

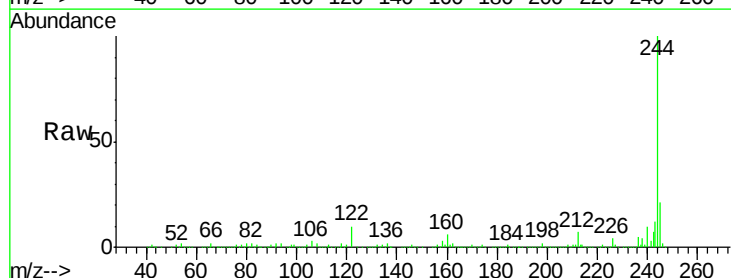
Tgt Ion:244 Resp: 1462005

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

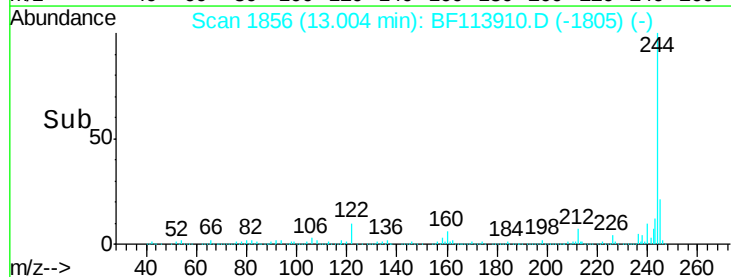
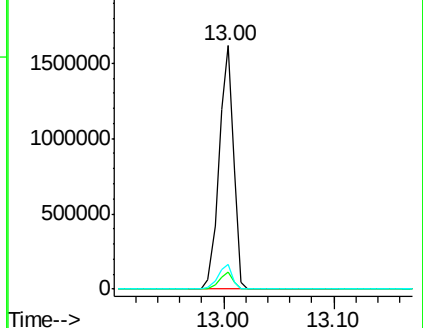
122 10.1 7.6 11.4

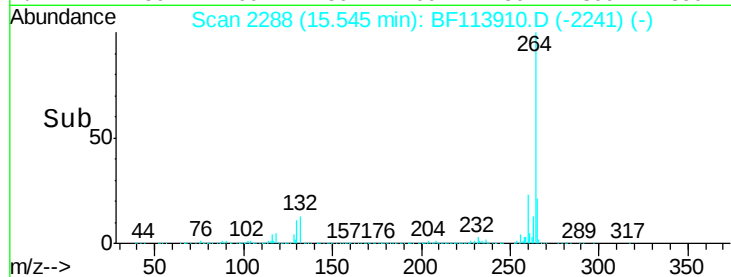
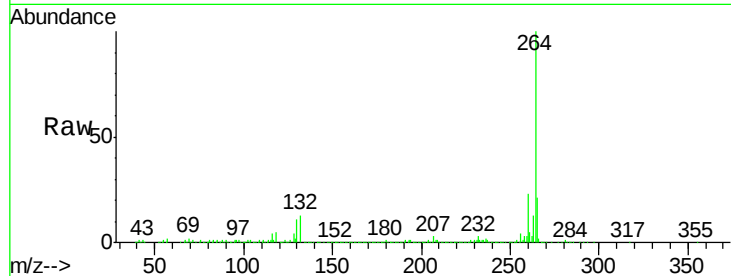
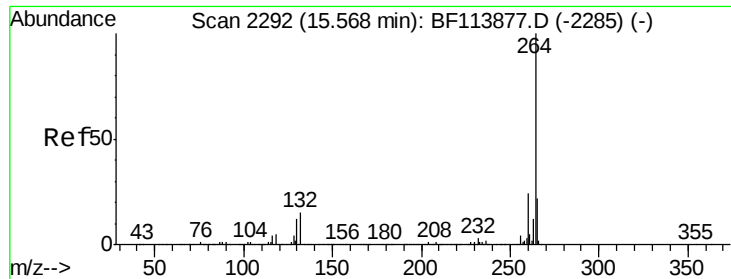


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. -0.02 min
Lab File: BF113910.D
Acq: 23 Apr 2019 6:36

Instrument :
BNA_F
ClientSampleId :
CONCRETE-CURB-A

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.9	28.3
265	21.1	17.3	25.9

