

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042219\
 Data File : BF113911.D
 Acq On : 23 Apr 2019 7:02
 Operator : JU/SJ
 Sample : K2489-02
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-CURB-B

Quant Time: Apr 23 08:46:03 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	141388	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	488895	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	239266	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	500459	20.00	ng	0.00
76) Chrysene-d12	14.06	240	421058	20.00	ng	-0.01
87) Perylene-d12	15.55	264	333552	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.53	112	659156	79.74	ng	0.01
7) Phenol-d6	6.52	99	993947	95.84	ng	0.00
23) Nitrobenzene-d5	7.46	82	626315	79.10	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	212303	72.84	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1244028	81.32	ng	0.00
79) Terphenyl-d14	13.00	244	1689140	82.24	ng	0.00

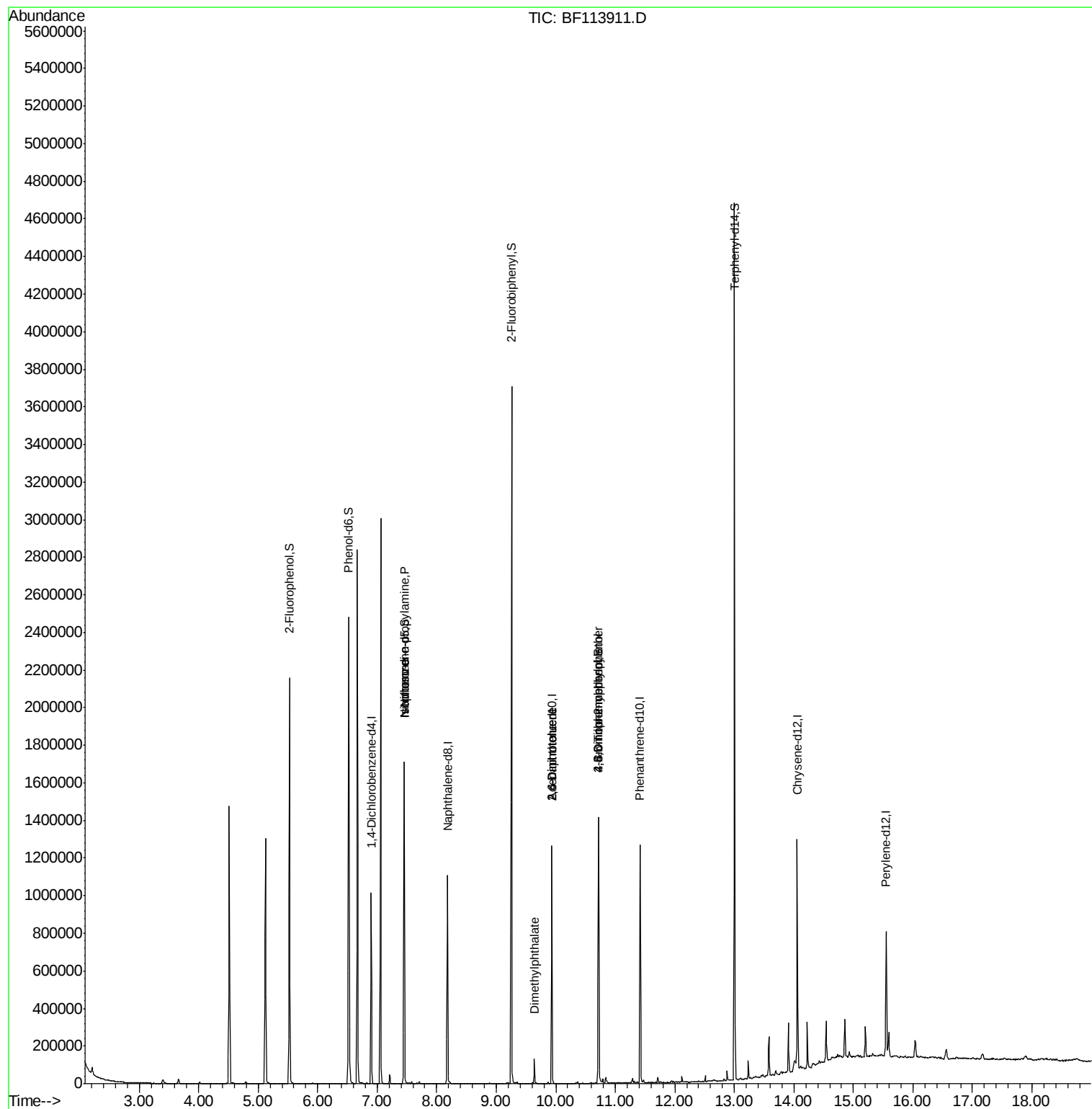
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.67	77	16873	Below Cal		87
19) n-Nitroso-di-n-propylamine	7.45	70	84725	12.615	ng	# 76
25) Isophorone	7.46	82	622763	38.438	ng	# 65
50) Dimethylphthalate	9.64	163	55496	3.207	ng	99
51) 2,6-Dinitrotoluene	9.93	165	30551	8.229	ng	# 33
57) 2,4-Dinitrotoluene	9.93	165	30551	6.520	ng	# 29
65) 4,6-Dinitro-2-methylphenol	10.72	198	288	7.415	ng	# 1
67) 4-Bromophenyl-phenylether	10.72	248	12578	2.080	ng	# 1

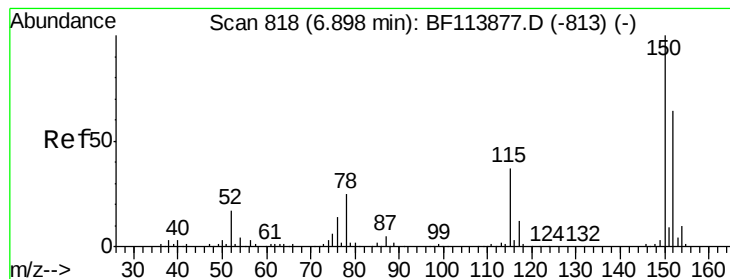
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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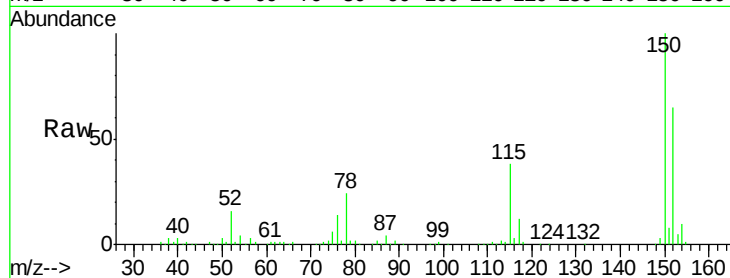


#1

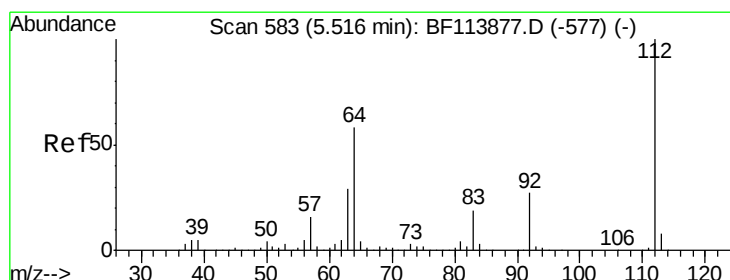
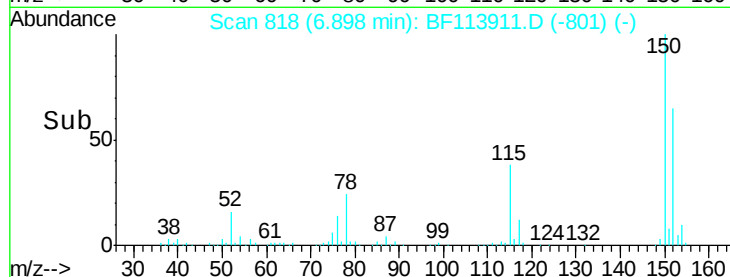
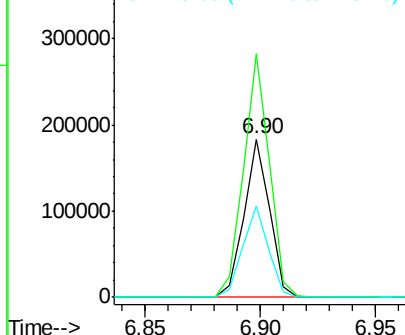
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.90 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BF113911.D
 Acq: 23 Apr 2019 7:02

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-CURB-B

Tot Ion:152 Resp: 141388
 Ion Ratio Lower Upper
 152 100
 150 154.2 125.9 188.9
 115 57.8 45.9 68.9



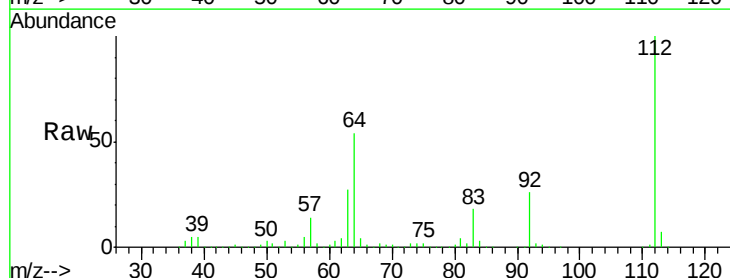
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



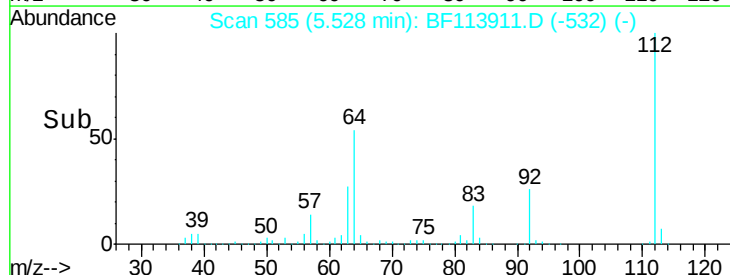
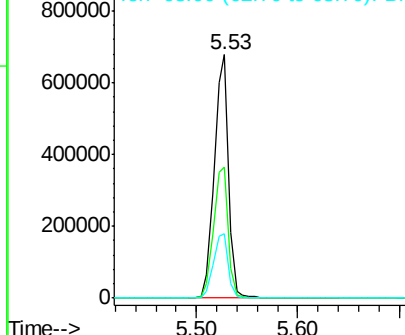
#5

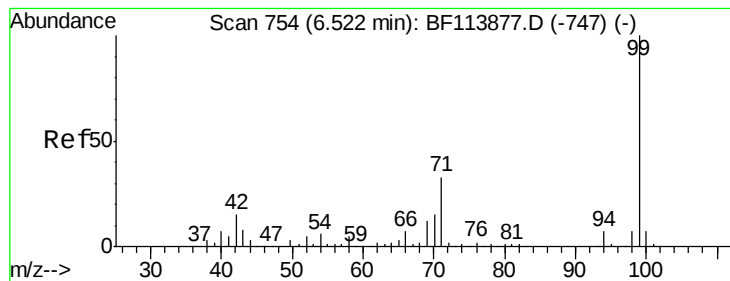
2-Fluorophenol
 Concen: 79.737 ng
 RT: 5.53 min Scan# 585
 Delta R.T. 0.01 min
 Lab File: BF113911.D
 Acq: 23 Apr 2019 7:02

Tgt Ion:112 Resp: 659156
 Ion Ratio Lower Upper
 112 100
 64 53.7 46.6 69.8
 63 26.7 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: 95.835 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF113911.D

Acq: 23 Apr 2019 7:02

Instrument :

BNA_F

ClientSampleId :

CONCRETE-CURB-B

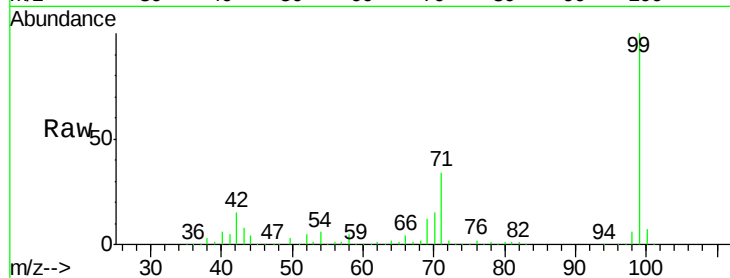
Tot Ion: 99 Resp: 993947

Ion Ratio Lower Upper

99 100

42 15.4 12.5 18.7

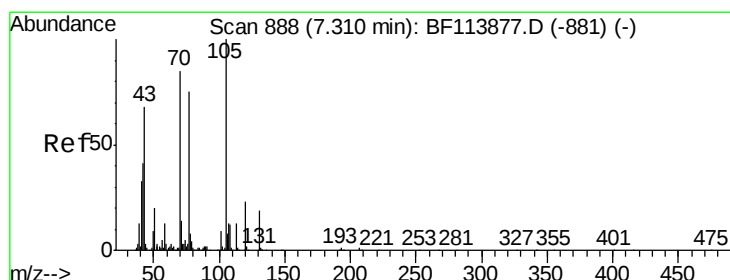
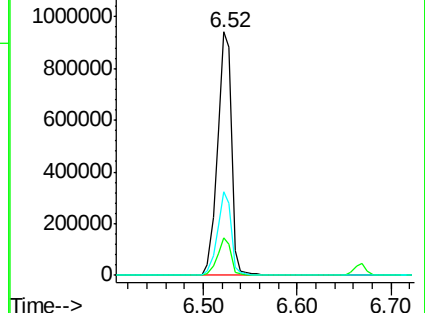
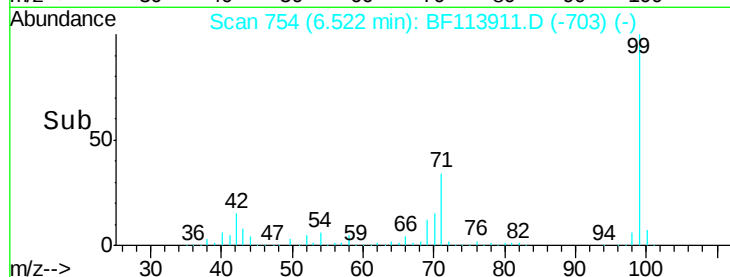
71 34.2 26.9 40.3



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: 12.615 ng

RT: 7.45 min Scan# 912

Delta R.T. 0.14 min

Lab File: BF113911.D

Acq: 23 Apr 2019 7:02

Tgt Ion: 70 Resp: 84725

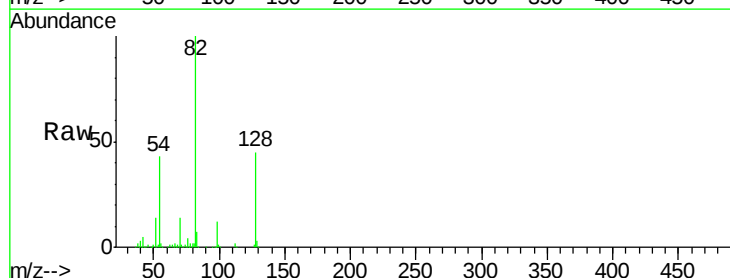
Ion Ratio Lower Upper

70 100

42 36.9 37.3 55.9#

101 0.0 7.8 11.8#

130 2.3 18.2 27.2#

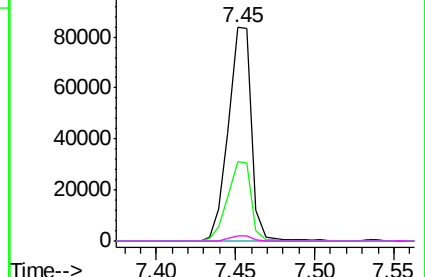
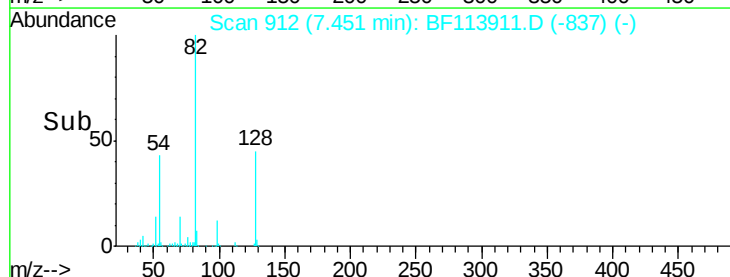


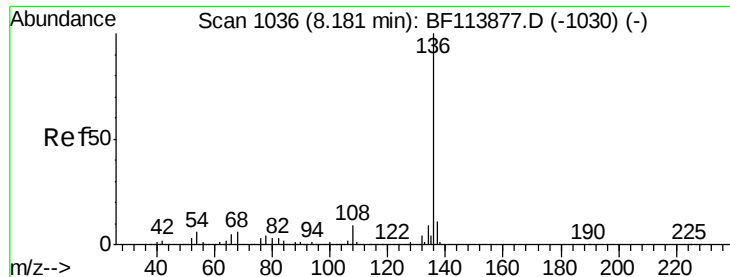
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.18 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF113911.D

Acq: 23 Apr 2019 7:02

Instrument :

BNA_F

ClientSampleId :

CONCRETE-CURB-B

Tot Ion:136 Resp: 488895

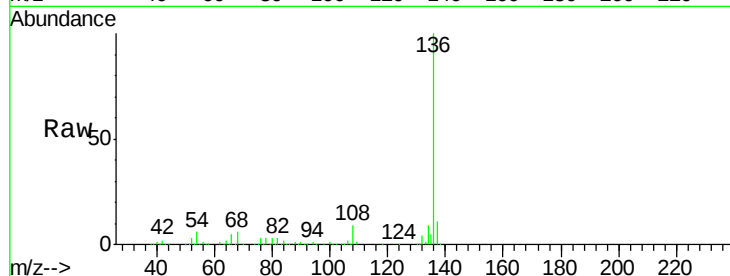
Ion Ratio Lower Upper

136 100

137 10.8 8.6 12.8

54 5.8 5.0 7.6

68 5.9 4.9 7.3

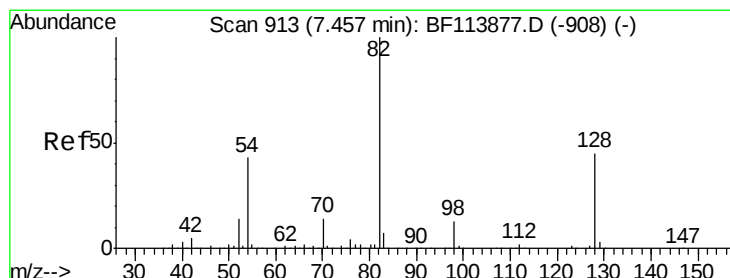
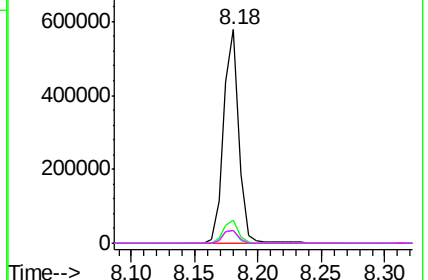
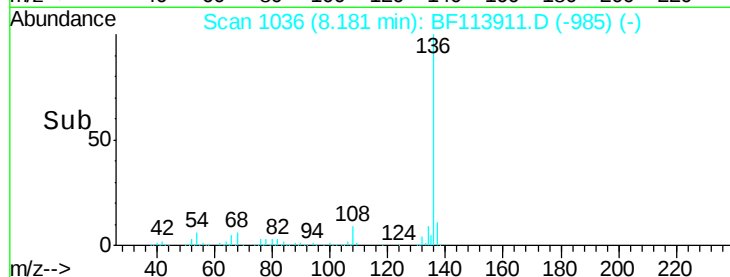


Abundance Ion 136.00 (135.70 to 136.70): E

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: 79.099 ng

RT: 7.46 min Scan# 913

Delta R.T. 0.00 min

Lab File: BF113911.D

Acq: 23 Apr 2019 7:02

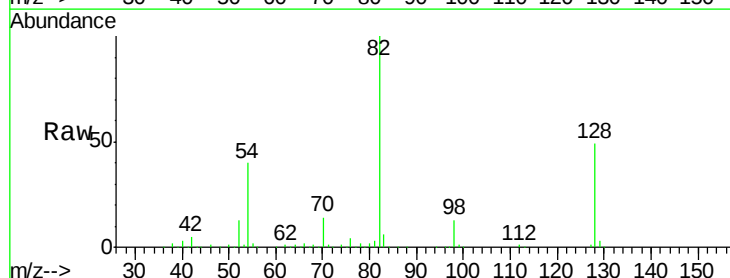
Tgt Ion: 82 Resp: 626315

Ion Ratio Lower Upper

82 100

128 49.5 36.8 55.2

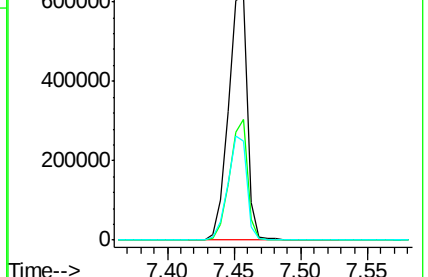
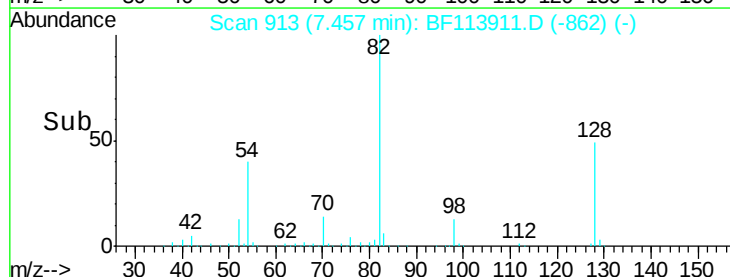
54 40.5 33.8 50.6



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: 38.438 ng

RT: 7.46 min Scan# 913

Delta R.T. -0.26 min

Lab File: BF113911.D

Acq: 23 Apr 2019 7:02

Instrument :

BNA_F

ClientSampleId :

CONCRETE-CURB-B

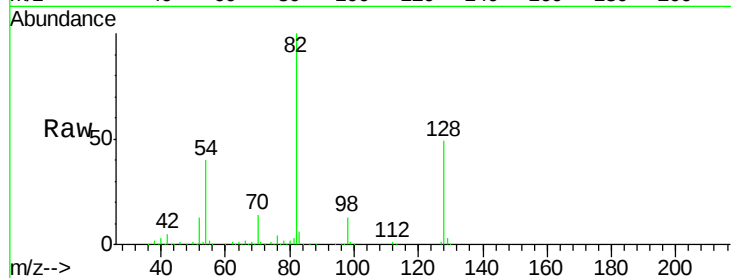
Tot Ion: 82 Resp: 622763

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

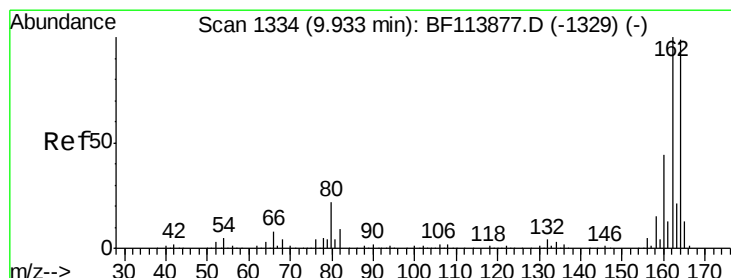
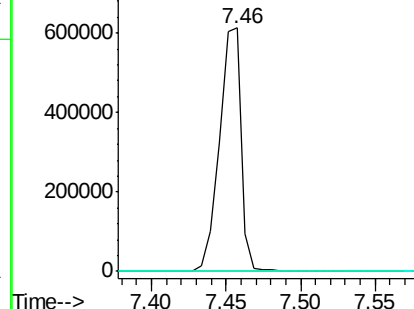
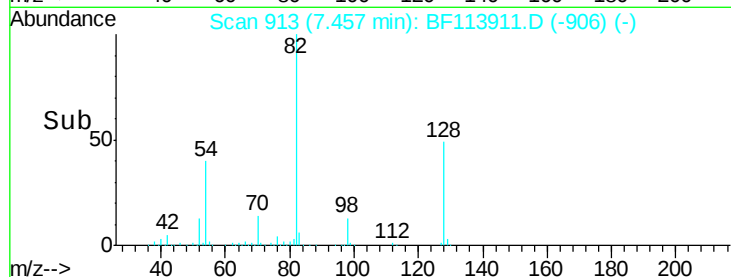
138 0.0 14.6 22.0#



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: BF113911.D

Acq: 23 Apr 2019 7:02

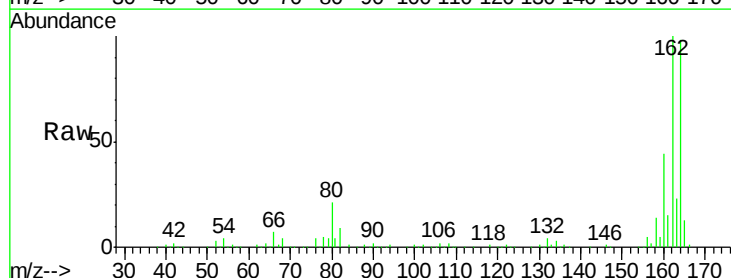
Tgt Ion:164 Resp: 239266

Ion Ratio Lower Upper

164 100

162 102.1 81.1 121.7

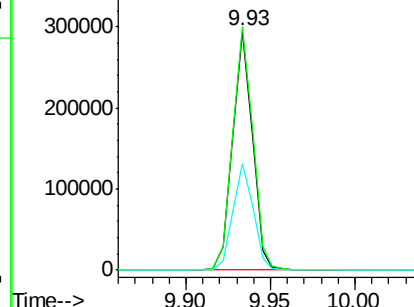
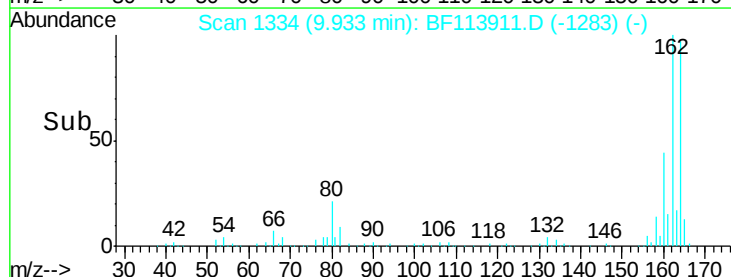
160 44.6 35.8 53.6

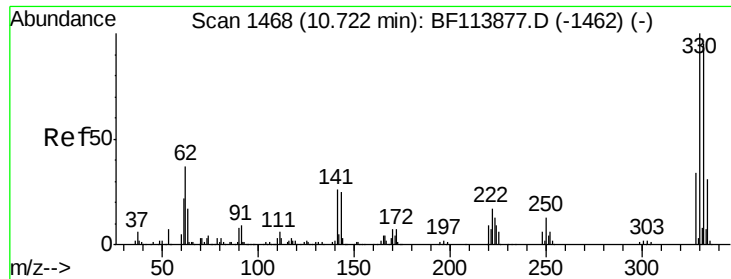


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

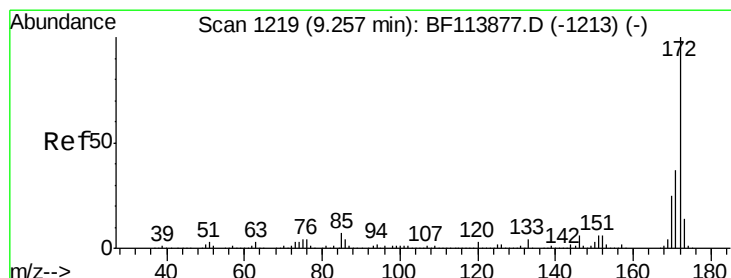
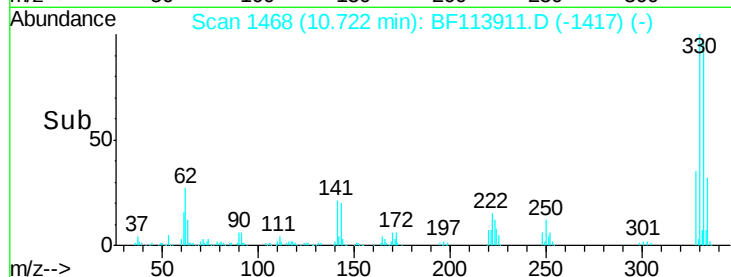
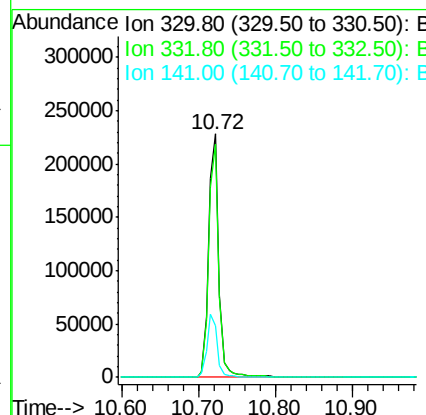
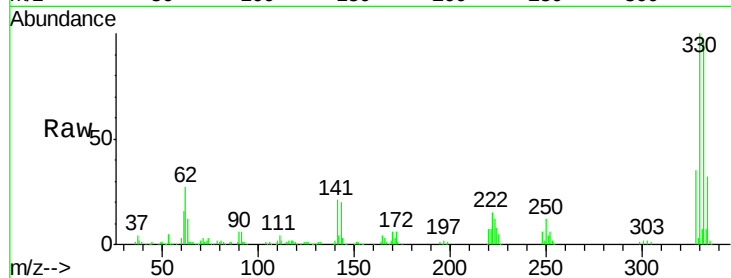




#42
 2,4,6-Tribromophenol
 Concen: 72.837 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. 0.00 min
 Lab File: BF113911.D
 Acq: 23 Apr 2019 7:02

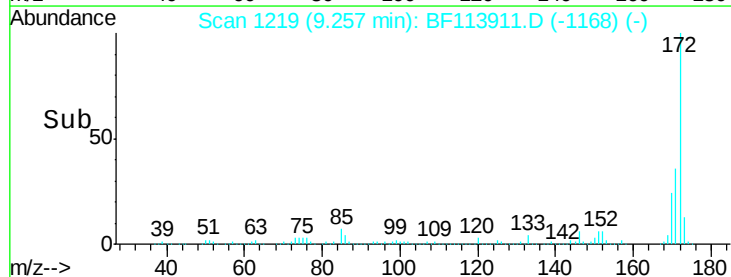
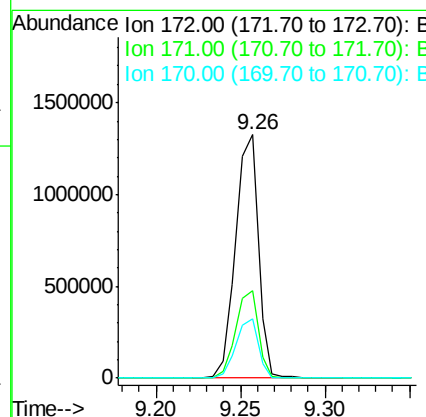
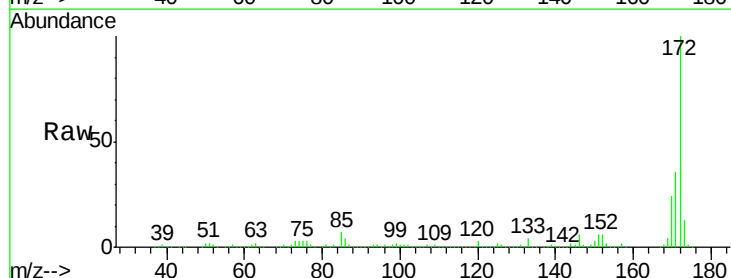
Instrument :
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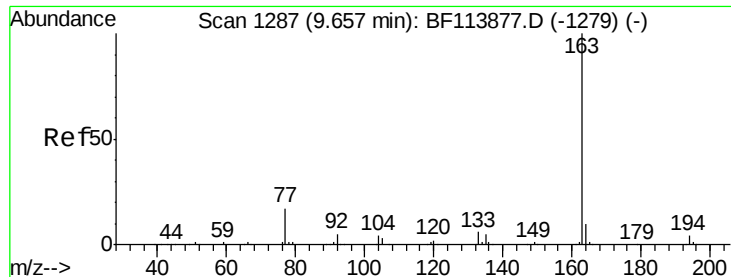
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.5	116.3
141	25.8	22.2	33.2



#45
 2-Fluorobiphenyl
 Concen: 81.319 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. 0.00 min
 Lab File: BF113911.D
 Acq: 23 Apr 2019 7:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.4	44.0
170	24.4	19.9	29.9

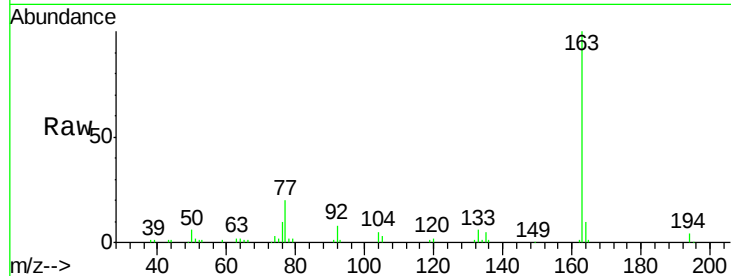




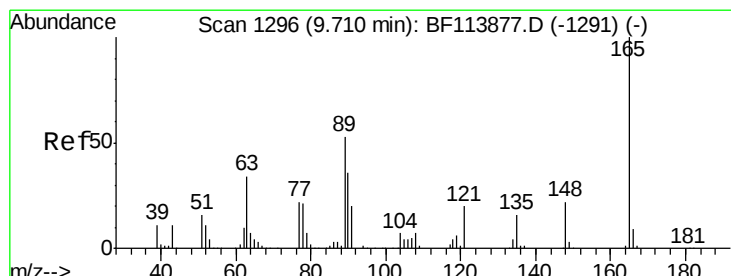
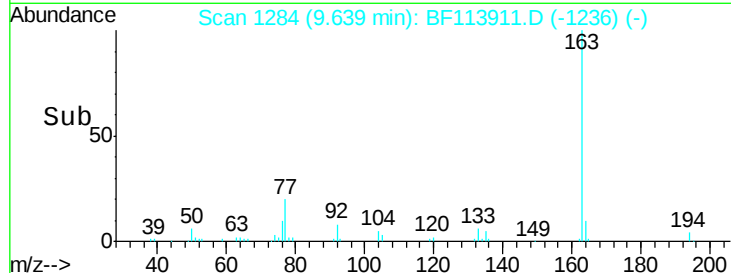
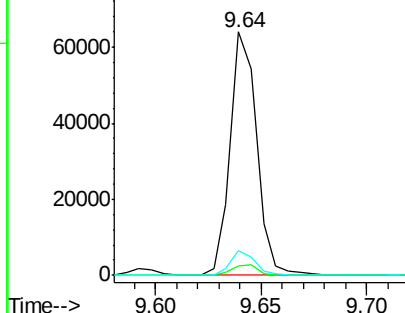
#50
Dimethylphthalate
Concen: 3.207 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BF113911.D
Acq: 23 Apr 2019 7:02

Instrument :
BNA_F
ClientSampleId :
CONCRETE-CURB-B

Tot Ion:163 Resp: 55496
Ion Ratio Lower Upper
163 100
194 3.9 3.4 5.2
164 10.1 8.5 12.7

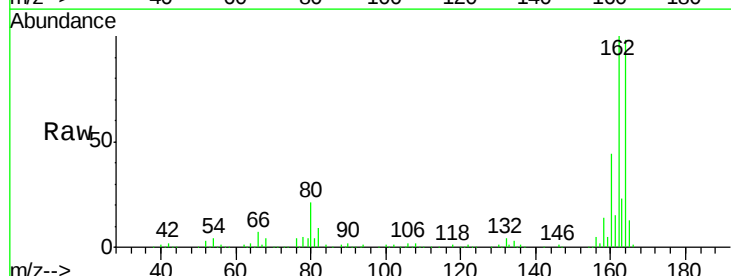


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

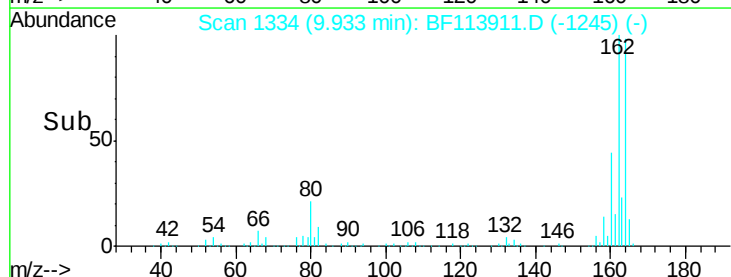
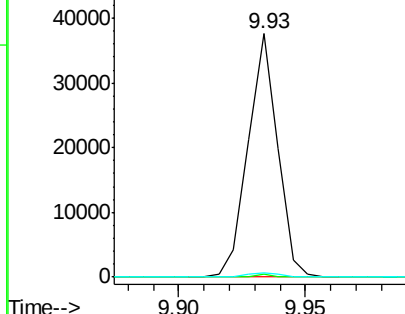


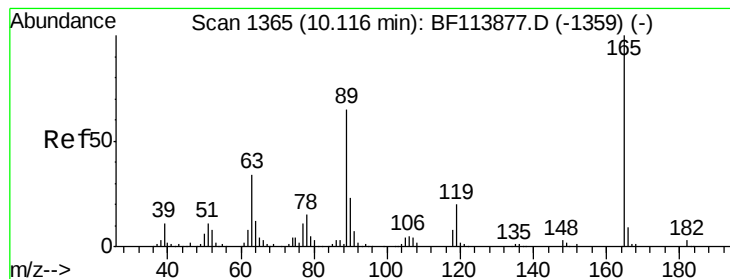
#51
2,6-Dinitrotoluene
Concen: 8.229 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.22 min
Lab File: BF113911.D
Acq: 23 Apr 2019 7:02

Tgt Ion:165 Resp: 30551
Ion Ratio Lower Upper
165 100
63 1.1 33.8 50.8#
89 1.5 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: 6.520 ng

RT: 9.93 min Scan# 1334

Delta R.T. -0.18 min

Lab File: BF113911.D

Acq: 23 Apr 2019 7:02

Instrument :

BNA_F

ClientSampleId :

CONCRETE-CURB-B

Tot Ion:165 Resp: 30551

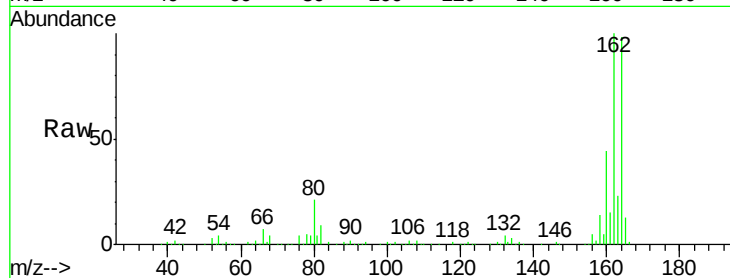
Ion Ratio Lower Upper

165 100

63 1.1 27.4 41.0#

89 1.5 51.8 77.6#

182 0.0 2.2 3.2#

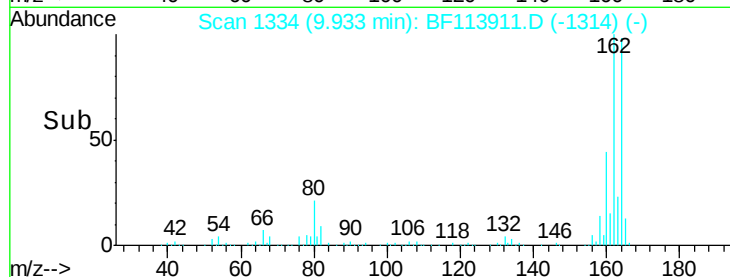


Abundance Ion 165.00 (164.70 to 165.70): E

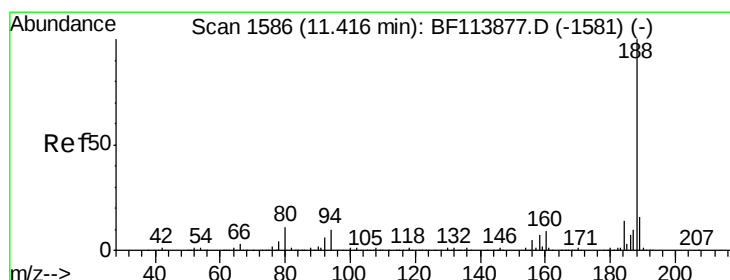
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1586

Delta R.T. 0.00 min

Lab File: BF113911.D

Acq: 23 Apr 2019 7:02

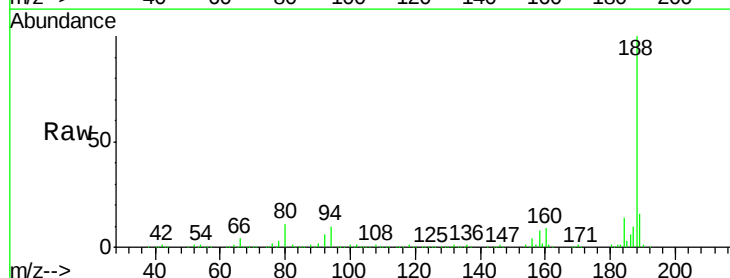
Tgt Ion:188 Resp: 500459

Ion Ratio Lower Upper

188 100

94 9.8 8.2 12.4

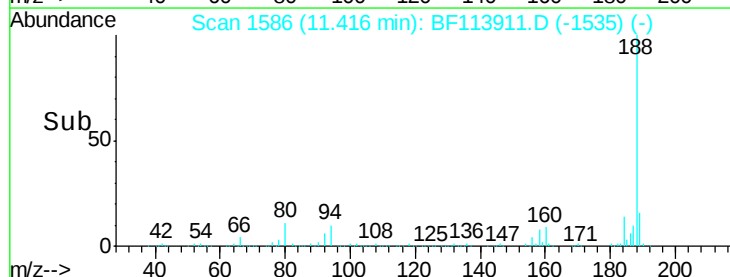
80 11.2 9.0 13.6



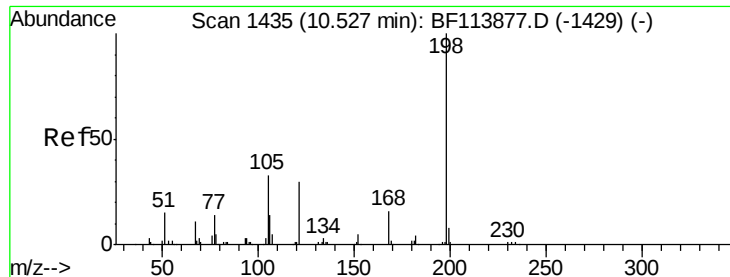
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



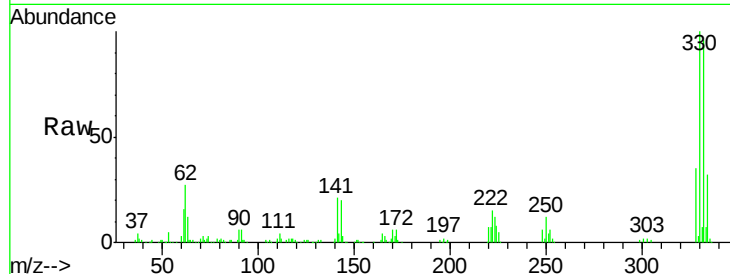
Time-->



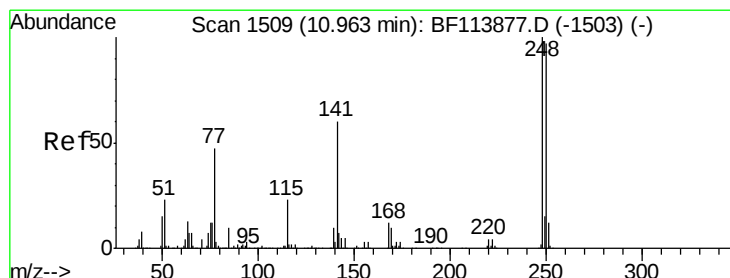
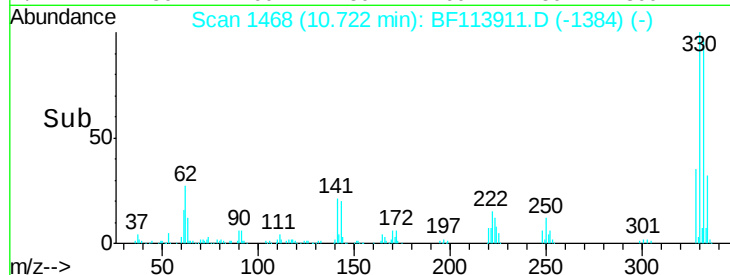
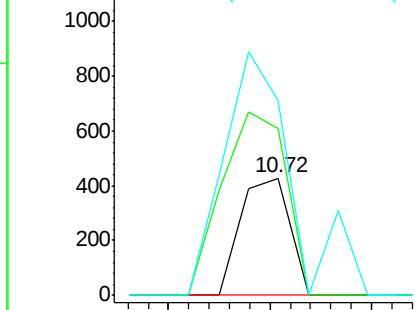
#65
 4,6-Dinitro-2-methylphenol
 Concen: 7.415 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. 0.19 min
 Lab File: BF113911.D
 Acq: 23 Apr 2019 7:02

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-CURB-B

Tot Ion:198 Resp: 288
 Ion Ratio Lower Upper
 198 100
 51 142.2 11.1 51.1#
 105 165.5 20.7 60.7#

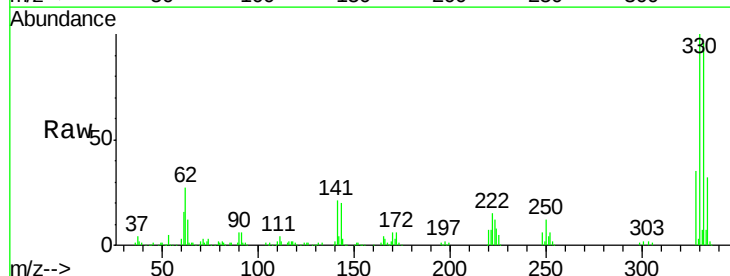


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

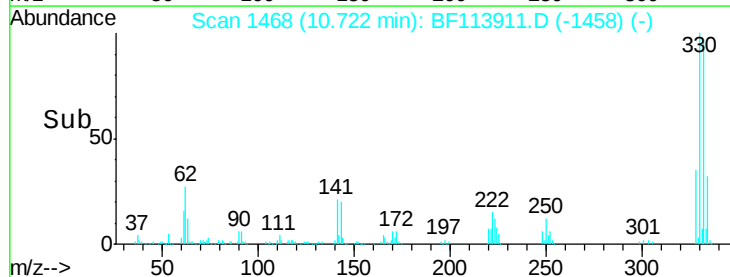
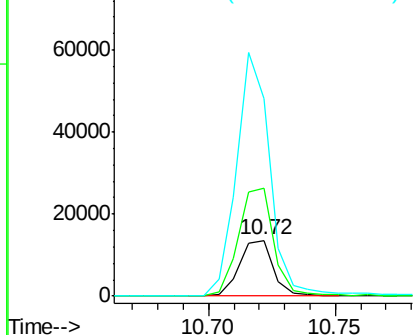


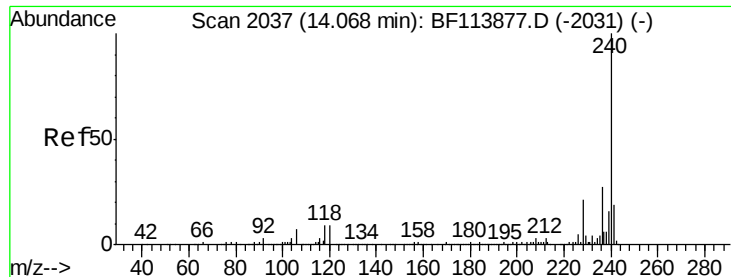
#67
 4-Bromophenyl-phenylether
 Concen: 2.080 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. -0.24 min
 Lab File: BF113911.D
 Acq: 23 Apr 2019 7:02

Tgt Ion:248 Resp: 12578
 Ion Ratio Lower Upper
 248 100
 250 192.6 75.8 113.6#
 141 353.3 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

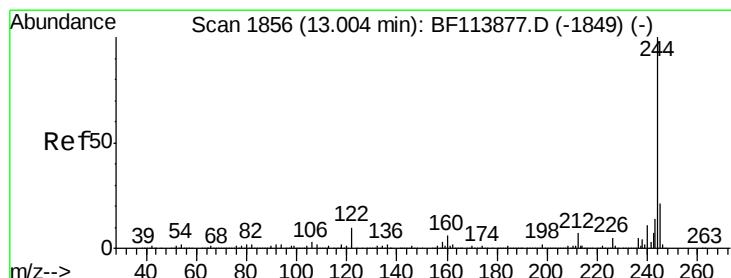
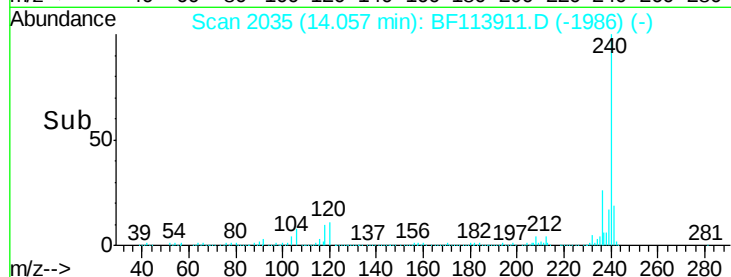
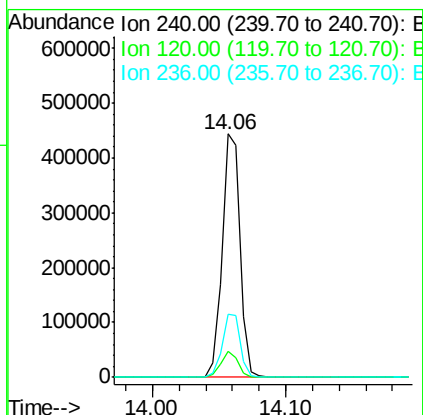
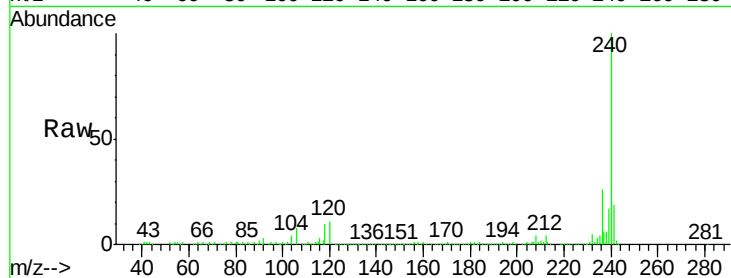




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF113911.D
Acq: 23 Apr 2019 7:02

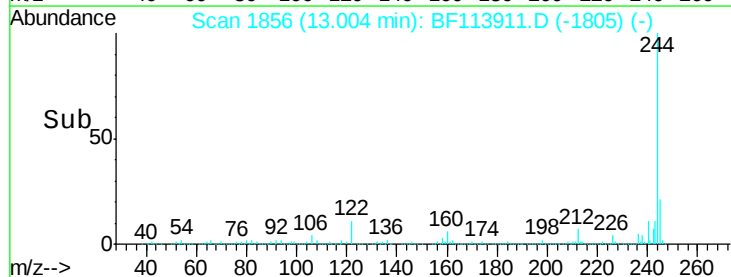
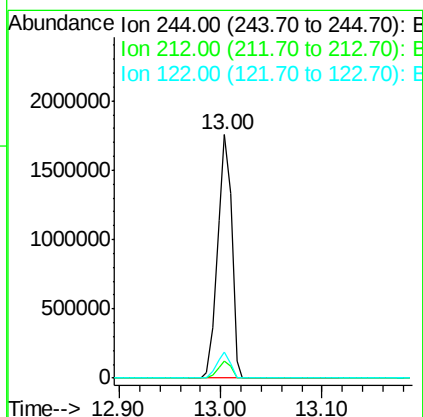
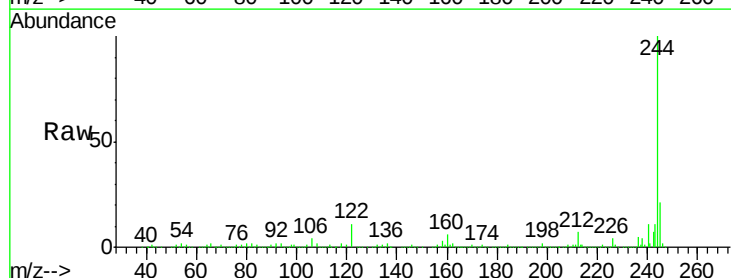
Instrument :
BNA_F
ClientSampleId :
CONCRETE-CURB-B

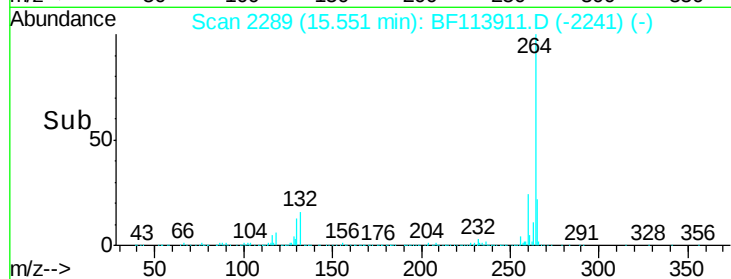
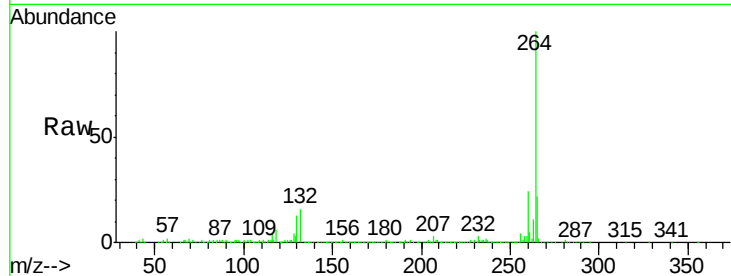
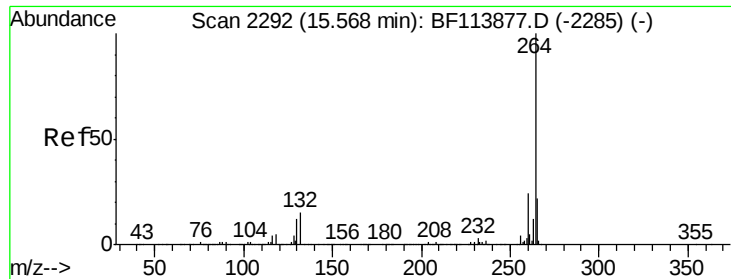
Tot Ion:240 Resp: 421058
Ion Ratio Lower Upper
240 100
120 10.9 9.3 13.9
236 25.7 21.2 31.8



#79
Terphenyl-d14
Concen: 82.244 ng
RT: 13.00 min Scan# 1856
Delta R.T. 0.00 min
Lab File: BF113911.D
Acq: 23 Apr 2019 7:02

Tgt Ion:244 Resp: 1689140
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.2
122 10.8 7.6 11.4





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.55 min Scan# 2289
 Delta R.T. -0.02 min
 Lab File: BF113911.D
 Acq: 23 Apr 2019 7:02

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-CURB-B

Tot Ion:	264	Resp:	333552
Ion Ratio	Lower	Upper	
264	100		
260	23.8	18.9	28.3
265	21.7	17.3	25.9

