

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF090817\
 Data File : BF098357.D
 Acq On : 8 Sep 2017 18:20
 Operator : SJ/JU
 Sample : PB102130BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB102130BL

Quant Time: Sep 08 18:47:23 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 08 15:02:28 2017
 Response via : Initial Calibration

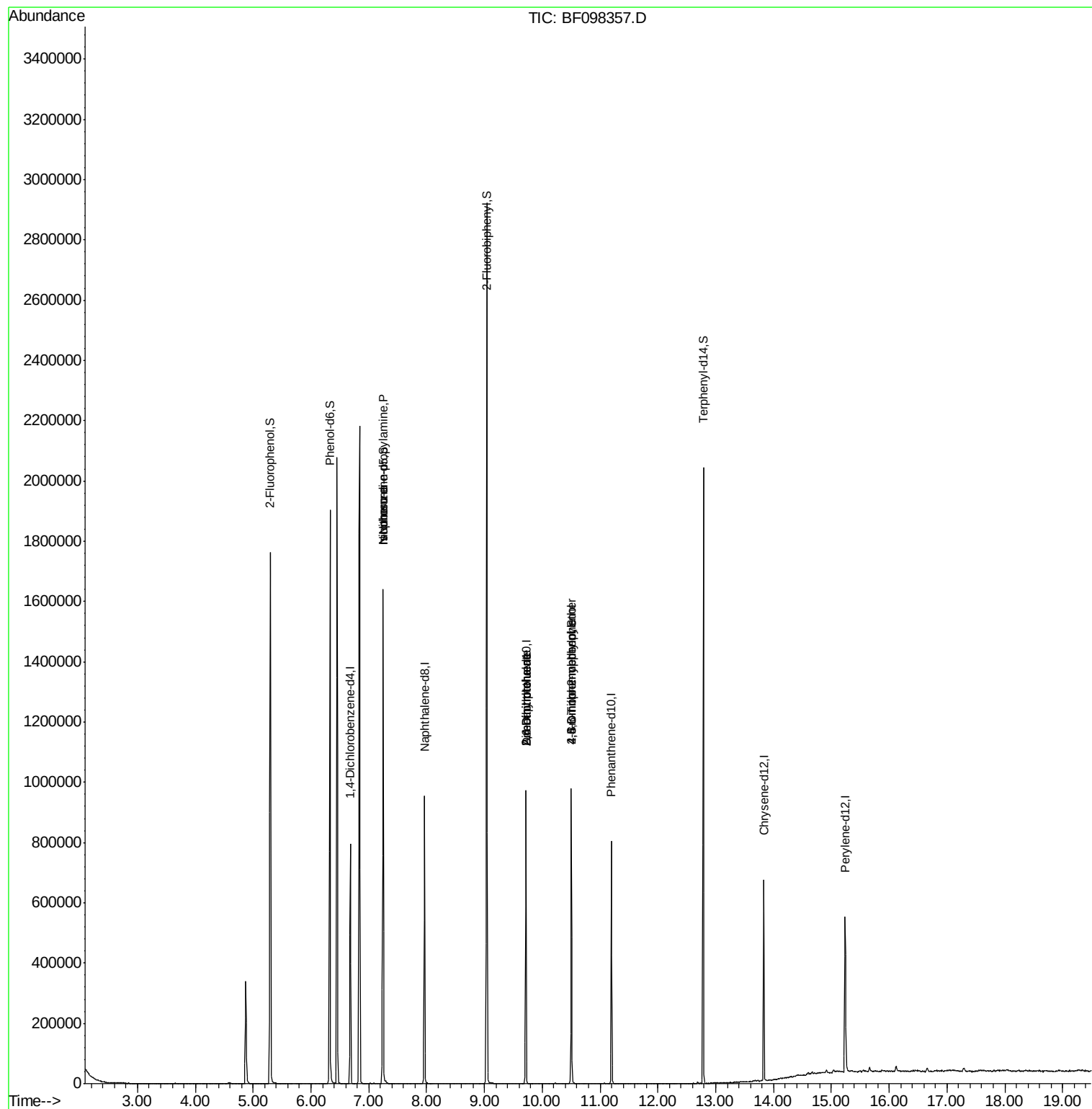
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	108142	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	416475	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	169001	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	264147	20.00	ng	0.00
75) Chrysene-d12	13.83	240	224016	20.00	ng	0.00
86) Perylene-d12	15.24	264	219141	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	551459	77.57	ng	0.02
7) Phenol-d6	6.33	99	723044	74.85	ng	0.00
23) Nitrobenzene-d5	7.25	82	631480	82.37	ng	0.00
41) 2,4,6-Tribromophenol	10.50	330	101630	69.31	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	975206	84.78	ng	0.00
78) Terphenyl-d14	12.79	244	631633	58.80	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.25	70	82201	12.431	ng	# 68
25) Isophorone	7.25	82	631475	39.613	ng	# 67
49) Dimethylphthalate	9.72	163	45699	3.699	ng	# 1
50) 2,6-Dinitrotoluene	9.72	165	21546	8.738	ng	# 34
56) 2,4-Dinitrotoluene	9.72	165	21546	6.962	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.50	198	122	8.402	ng	# 1
66) 4-Bromophenyl-phenylether	10.50	248	6555	2.390	ng	# 1

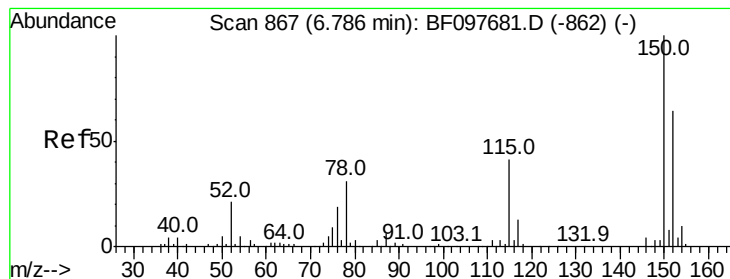
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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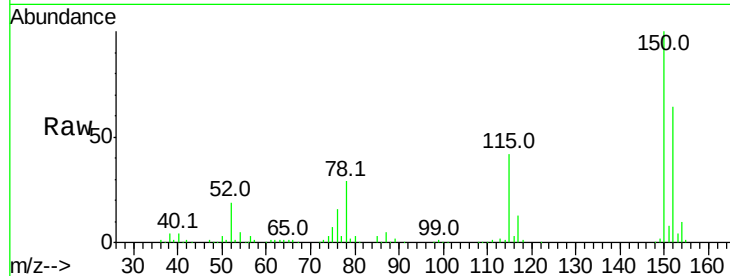


#1

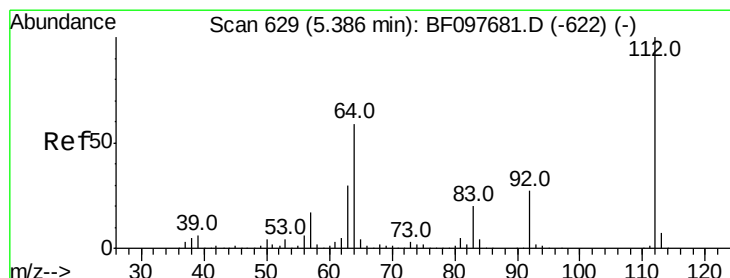
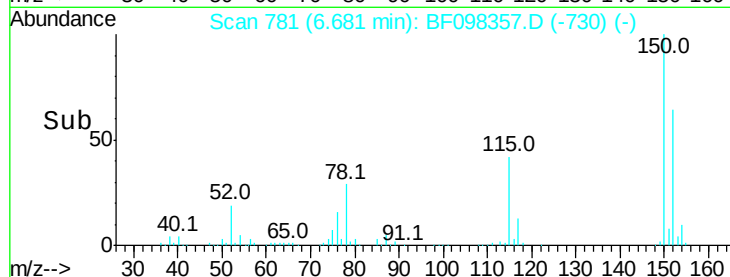
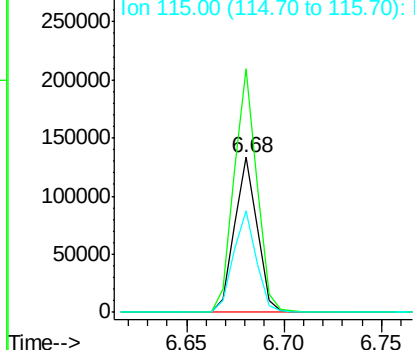
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.68 min Scan# 781
Delta R.T. 0.00 min
Lab File: BF098357.D
Acq: 8 Sep 2017 18:20

Instrument :
BNA_F
ClientSampleId :
PB102130BL

Tot Ion:152 Resp: 108142
Ion Ratio Lower Upper
152 100
150 157.1 126.2 189.2
115 65.9 52.2 78.2



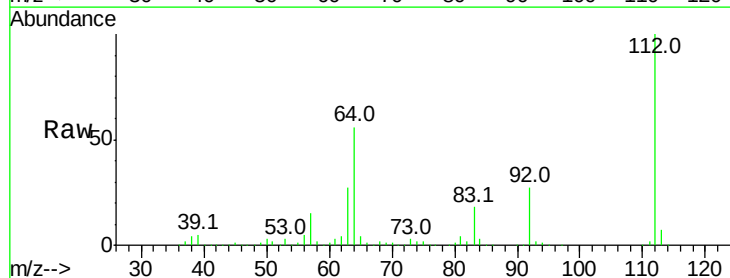
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



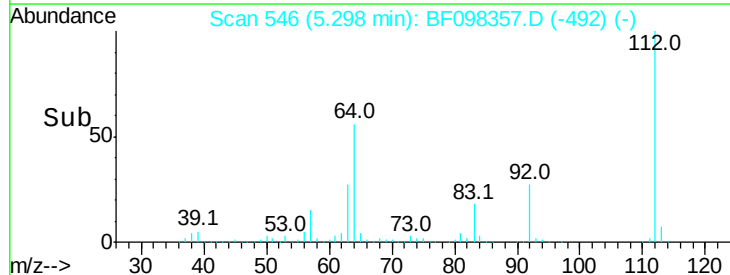
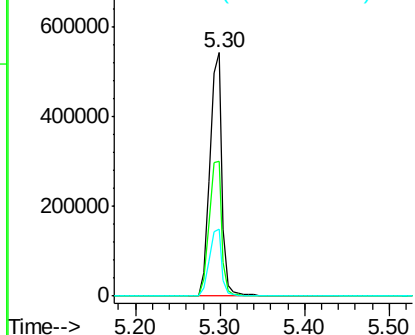
#5

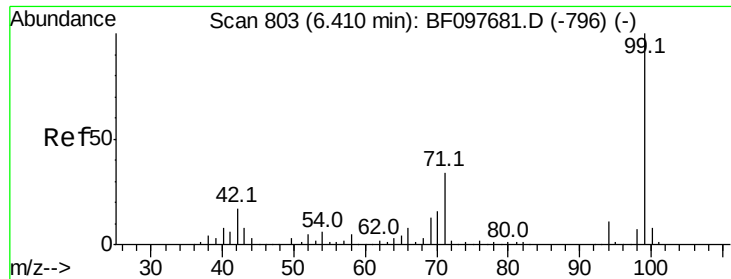
2-Fluorophenol
Concen: 77.566 ng
RT: 5.30 min Scan# 546
Delta R.T. 0.02 min
Lab File: BF098357.D
Acq: 8 Sep 2017 18:20

Tgt Ion:112 Resp: 551459
Ion Ratio Lower Upper
112 100
64 55.6 46.0 69.0
63 27.3 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 74.850 ng

RT: 6.33 min Scan# 721

Delta R.T. 0.00 min

Lab File: BF098357.D

Acq: 8 Sep 2017 18:20

Instrument :

BNA_F

ClientSampleId :

PB102130BL

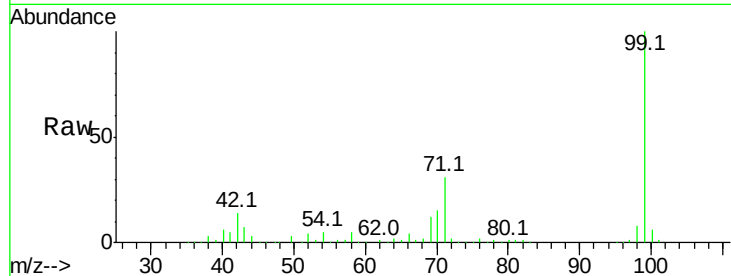
Tot Ion: 99 Resp: 723044

Ion Ratio Lower Upper

99 100

42 14.3 13.5 20.3

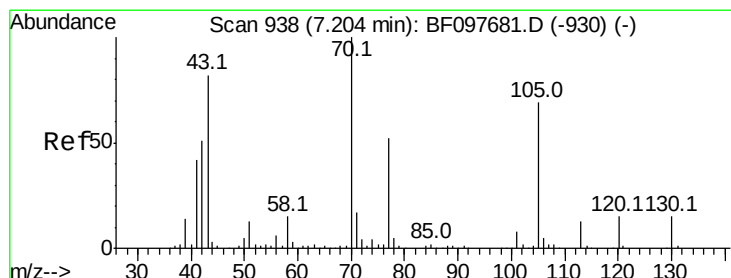
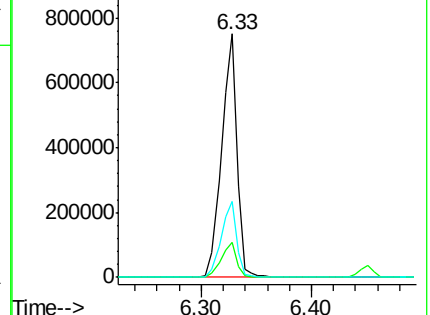
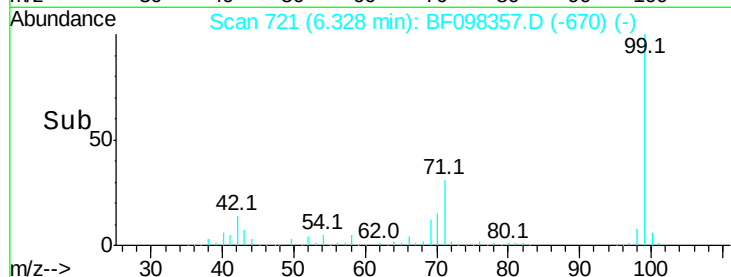
71 31.2 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 12.431 ng

RT: 7.25 min Scan# 878

Delta R.T. 0.15 min

Lab File: BF098357.D

Acq: 8 Sep 2017 18:20

Tgt Ion: 70 Resp: 82201

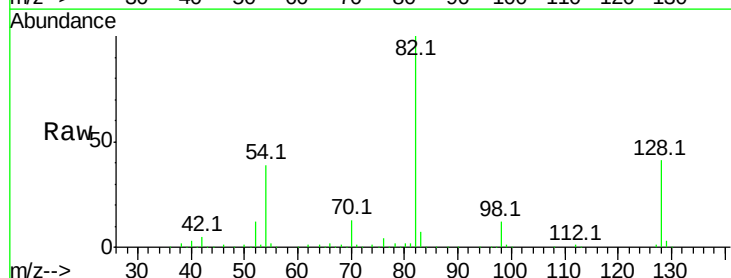
Ion Ratio Lower Upper

70 100

42 36.2 47.2 70.8#

101 0.0 7.2 10.8#

130 1.8 15.9 23.9#

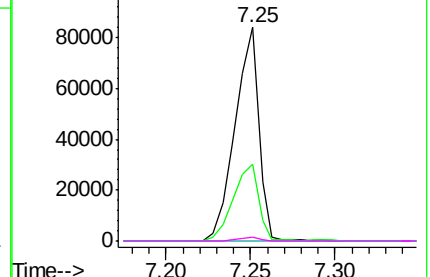
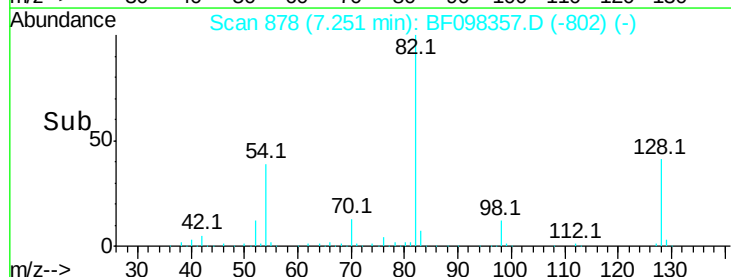


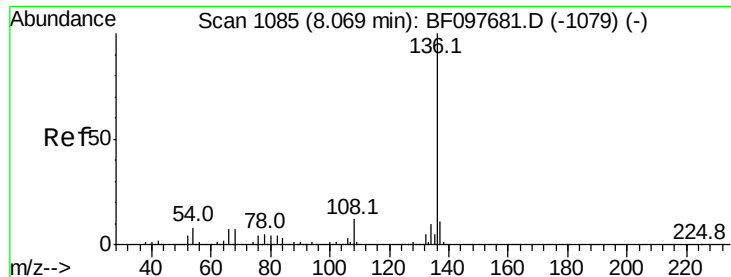
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

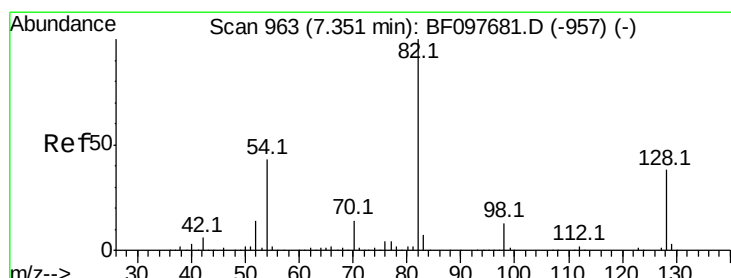
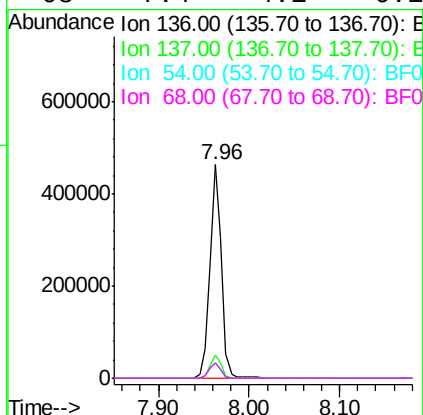
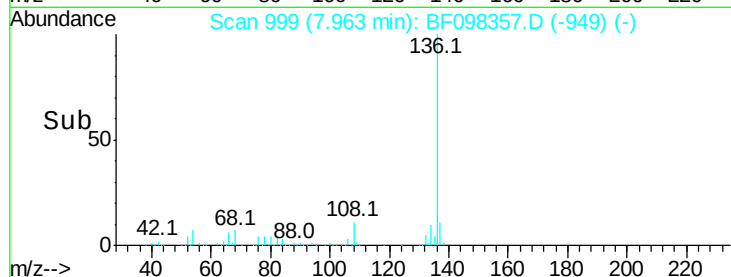
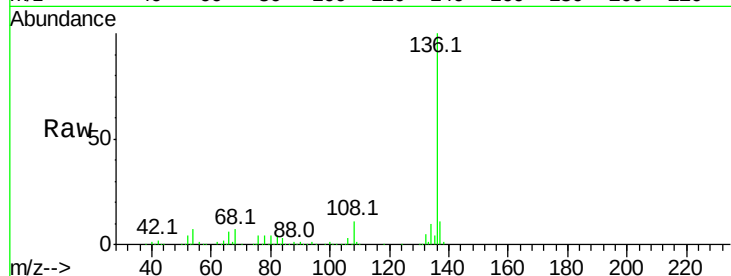




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.01 min
Lab File: BF098357.D
Acq: 8 Sep 2017 18:20

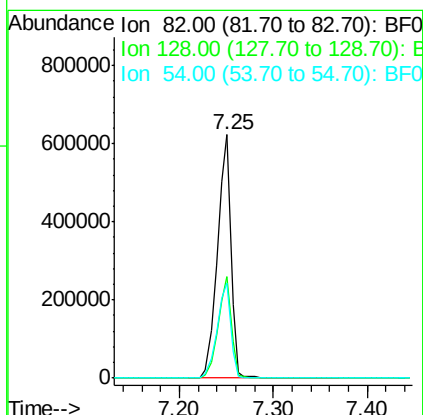
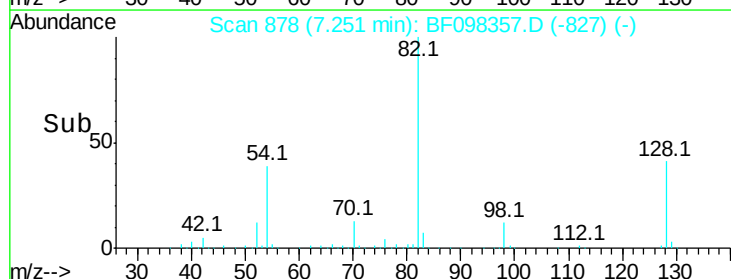
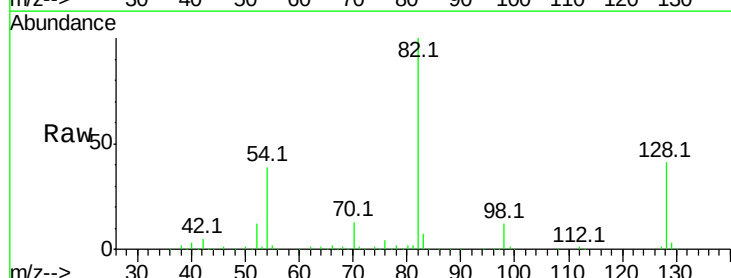
Instrument :
BNA_F
ClientSampleId :
PB102130BL

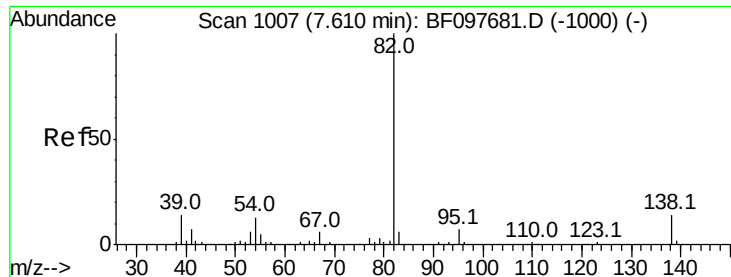
Tot Ion:	136	Resp:	416475
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	7.3	4.9	7.3#
68	7.4	4.1	6.1#



#23
Nitrobenzene-d5
Concen: 82.370 ng
RT: 7.25 min Scan# 878
Delta R.T. 0.00 min
Lab File: BF098357.D
Acq: 8 Sep 2017 18:20

Tgt Ion:	82	Resp:	631480
Ion	Ratio	Lower	Upper
82	100		
128	41.4	34.0	51.0
54	38.9	42.2	63.2#





#25

Isophorone

Concen: 39.613 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.26 min

Lab File: BF098357.D

Acq: 8 Sep 2017 18:20

Instrument :

BNA_F

ClientSampleId :

PB102130BL

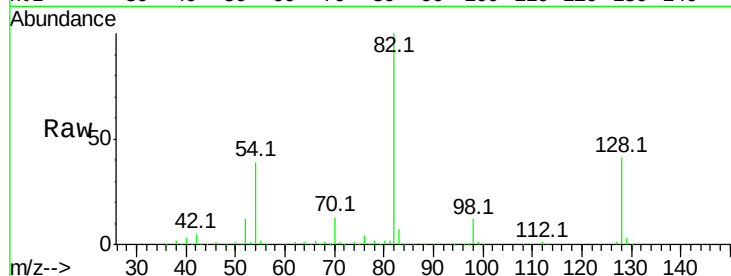
Tot Ion: 82 Resp: 631475

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

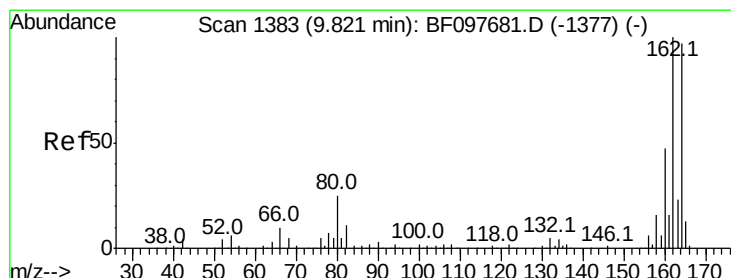
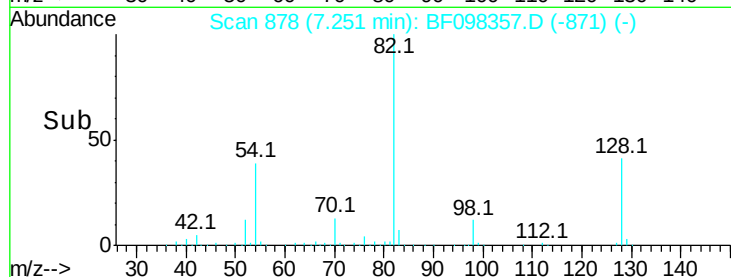
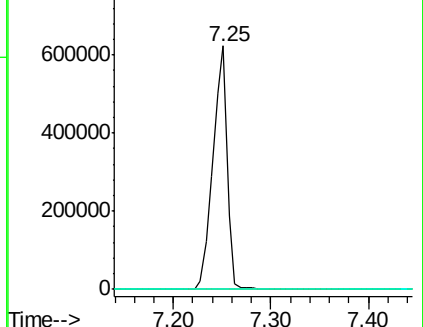
138 0.0 13.1 19.7#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BF098357.D

Acq: 8 Sep 2017 18:20

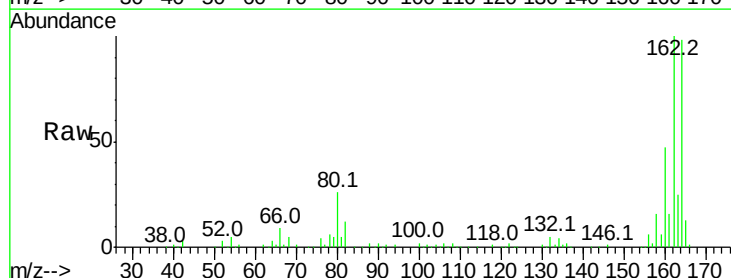
Tgt Ion:164 Resp: 169001

Ion Ratio Lower Upper

164 100

162 102.1 82.6 123.8

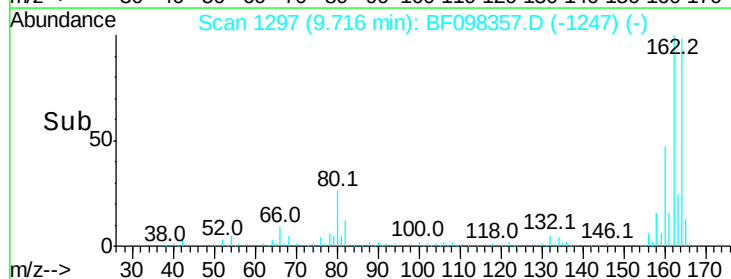
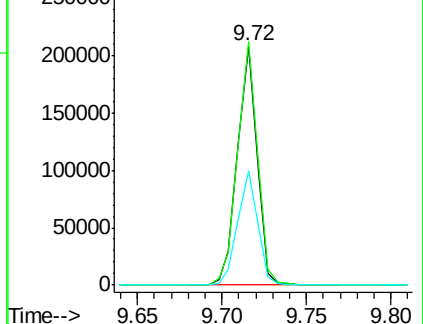
160 47.8 36.2 54.2

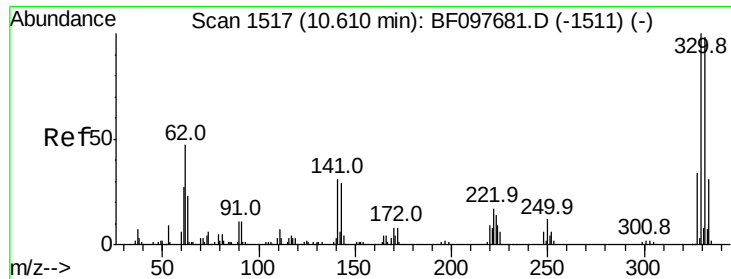


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

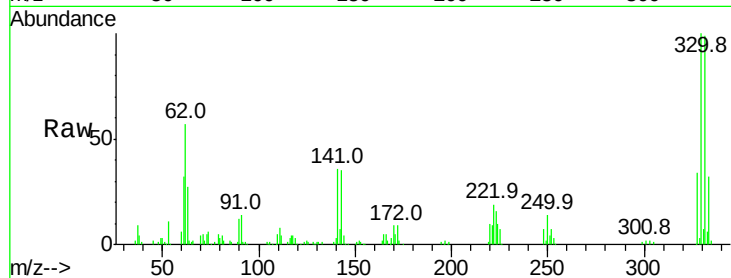




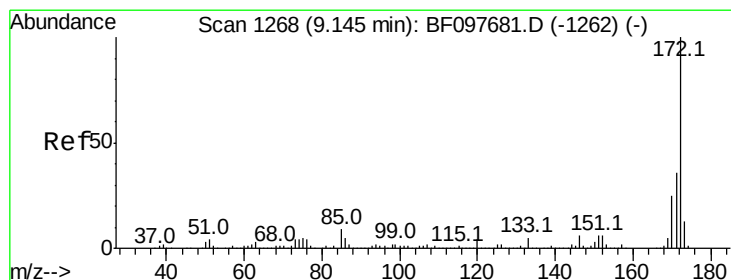
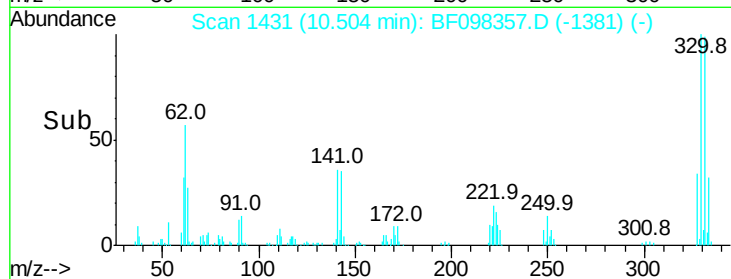
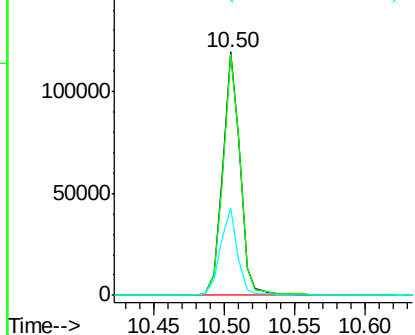
#41
 2,4,6-Tribromophenol
 Concen: 69.308 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: BF098357.D
 Acq: 8 Sep 2017 18:20

Instrument :
 BNA_F
 ClientSampleId :
 PB102130BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.9	76.6	115.0
141	35.8	31.4	47.2

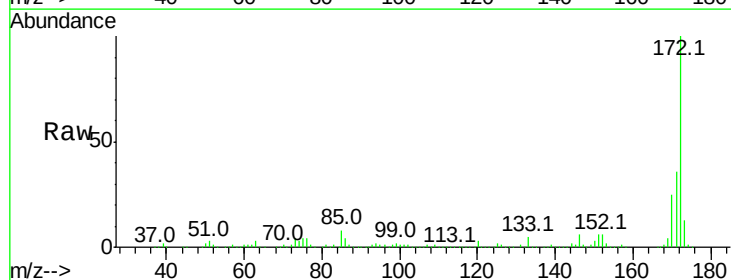


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

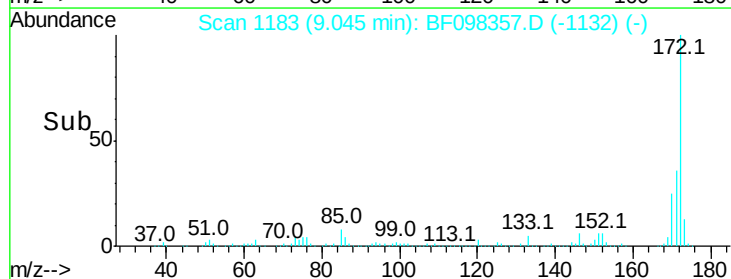
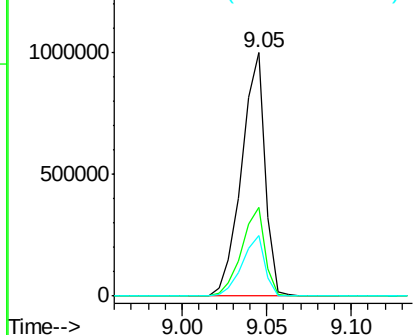


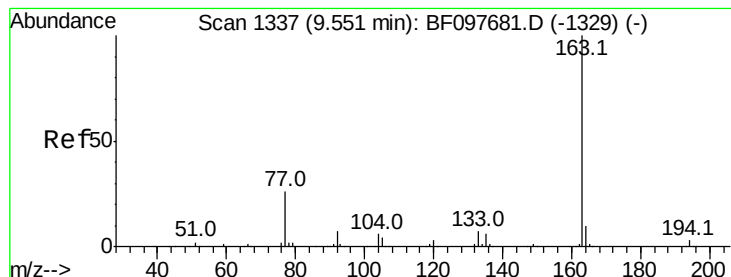
#44
 2-Fluorobiphenyl
 Concen: 84.779 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. 0.00 min
 Lab File: BF098357.D
 Acq: 8 Sep 2017 18:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	24.6	19.8	29.8



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: 3.699 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.26 min

Lab File: BF098357.D

Acq: 8 Sep 2017 18:20

Instrument :

BNA_F

ClientSampled :

PB102130BL

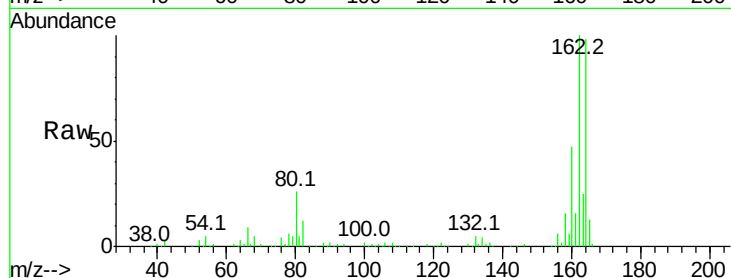
Tot Ion:163 Resp: 45699

Ion Ratio Lower Upper

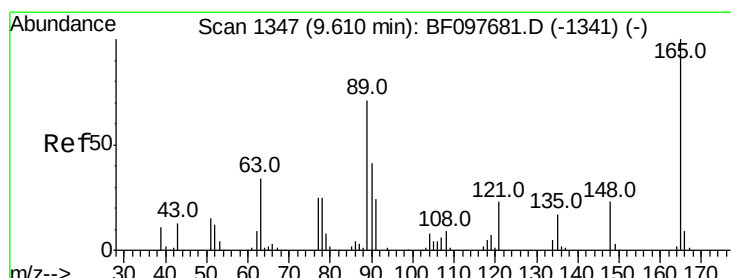
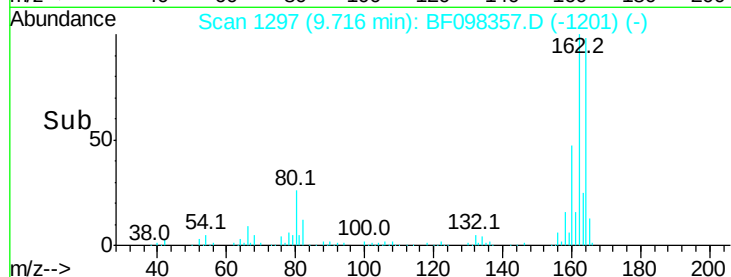
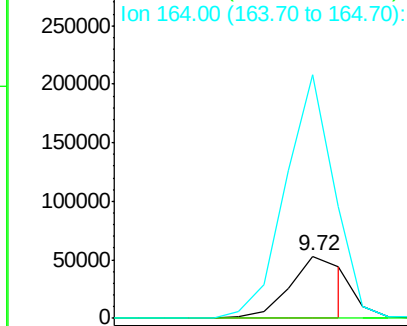
163 100

194 0.0 2.6 4.0#

164 392.4 8.4 12.6#



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



#50

2,6-Dinitrotoluene

Concen: 8.738 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.20 min

Lab File: BF098357.D

Acq: 8 Sep 2017 18:20

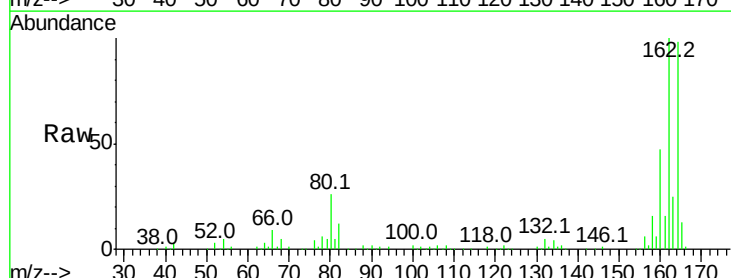
Tgt Ion:165 Resp: 21546

Ion Ratio Lower Upper

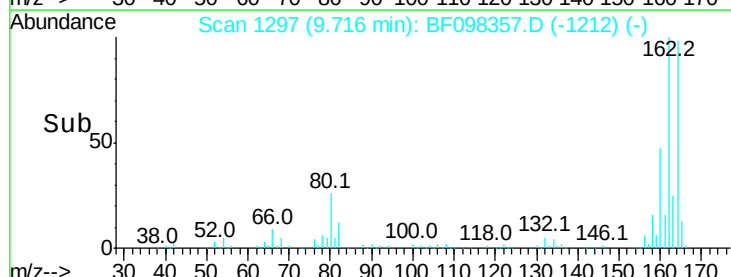
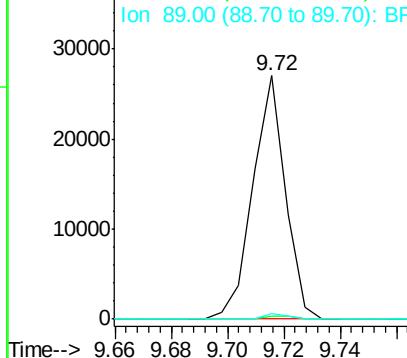
165 100

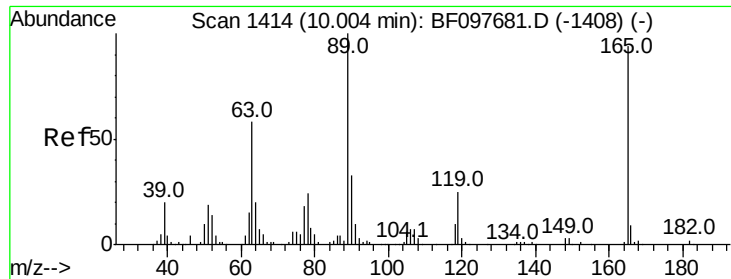
63 1.2 34.3 51.5#

89 2.2 37.1 55.7#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

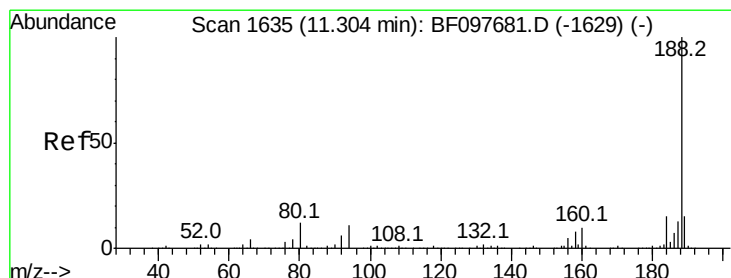
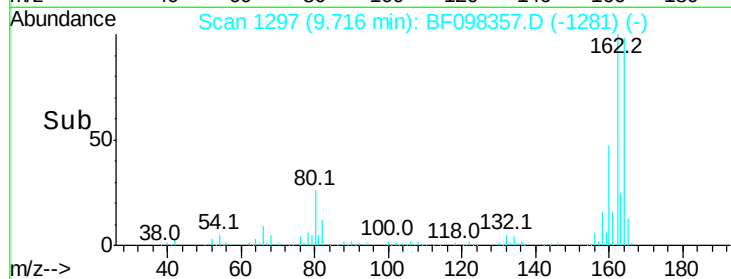
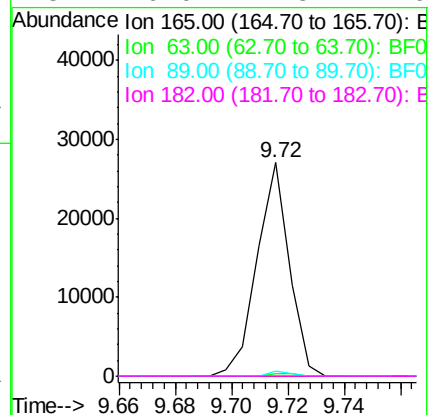
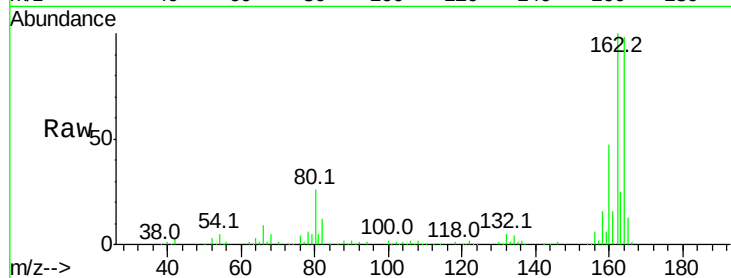




#56
 2,4-Dinitrotoluene
 Concen: 6.962 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.21 min
 Lab File: BF098357.D
 Acq: 8 Sep 2017 18:20

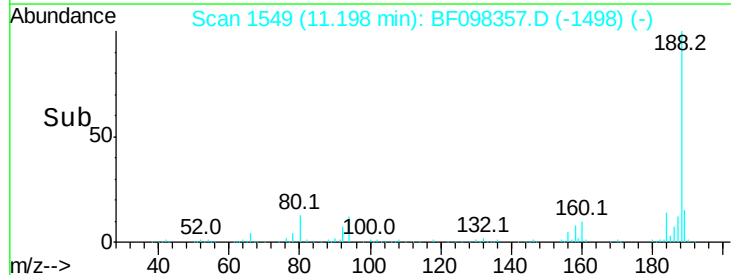
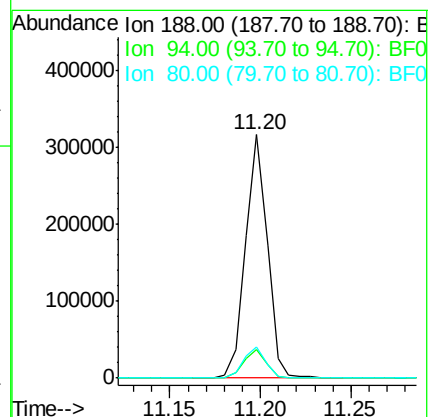
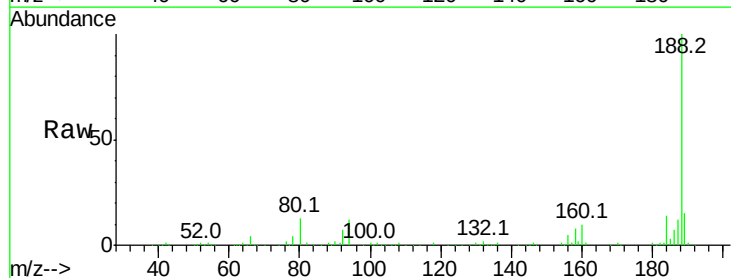
Instrument :
 BNA_F
 ClientSampleId :
 PB102130BL

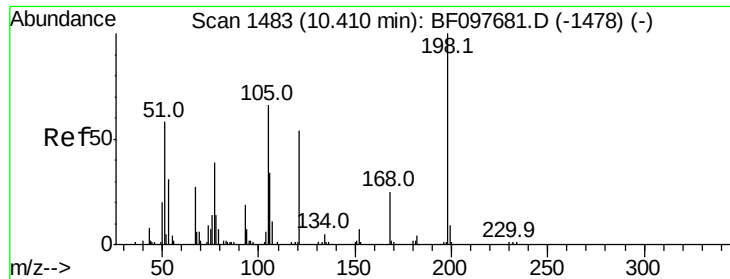
Tot Ion:165 Resp: 21546
 Ion Ratio Lower Upper
 165 100
 63 1.2 25.4 38.0#
 89 2.2 46.4 69.6#
 182 0.0 1.8 2.6#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. 0.00 min
 Lab File: BF098357.D
 Acq: 8 Sep 2017 18:20

Tgt Ion:188 Resp: 264147
 Ion Ratio Lower Upper
 188 100
 94 11.8 9.4 14.2
 80 12.9 10.2 15.2





#64

4,6-Dinitro-2-methylphenol

Concen: 8.402 ng

RT: 10.50 min Scan# 1431

Delta R.T. 0.17 min

Lab File: BF098357.D

Acq: 8 Sep 2017 18:20

Instrument :

BNA_F

ClientSampleId :

PB102130BL

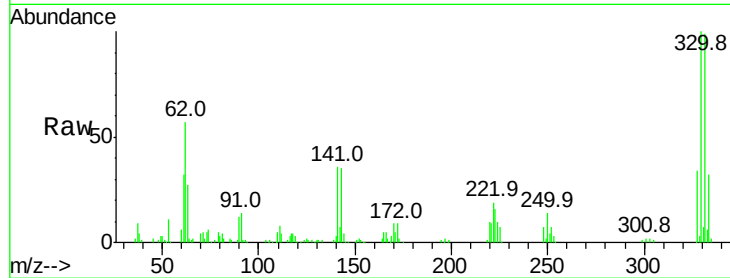
Tot Ion:198 Resp: 122

Ion Ratio Lower Upper

198 100

51 185.0 53.2 93.2#

105 156.9 45.8 85.8#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

800

600

400

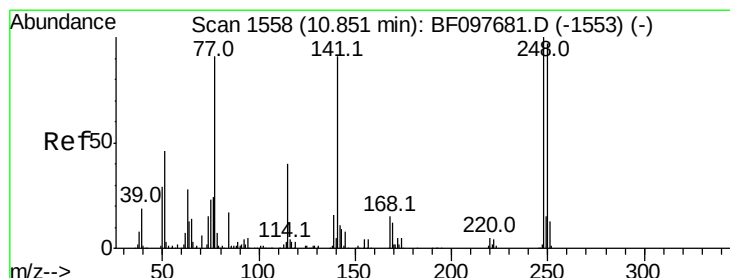
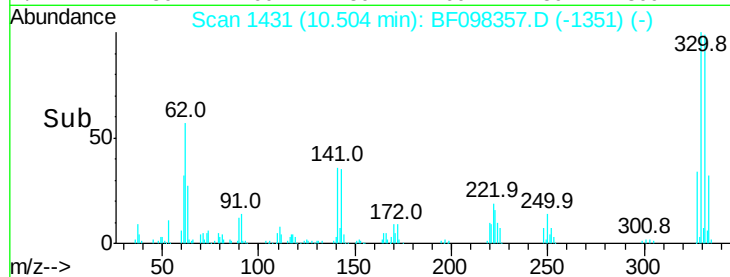
200

0

10.50

10.52

Time-->



#66

4-Bromophenyl-phenylether

Concen: 2.390 ng

RT: 10.50 min Scan# 1431

Delta R.T. -0.25 min

Lab File: BF098357.D

Acq: 8 Sep 2017 18:20

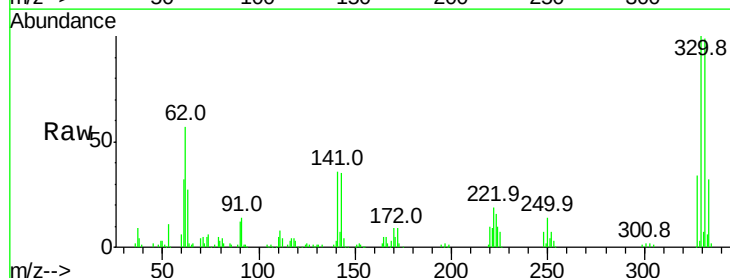
Tgt Ion:248 Resp: 6555

Ion Ratio Lower Upper

248 100

250 199.4 76.8 115.2#

141 519.7 68.6 103.0#



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

60000

50000

40000

30000

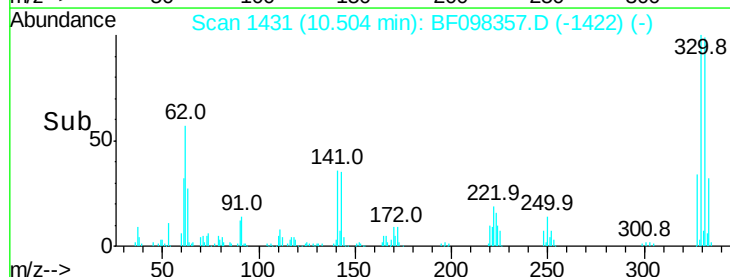
20000

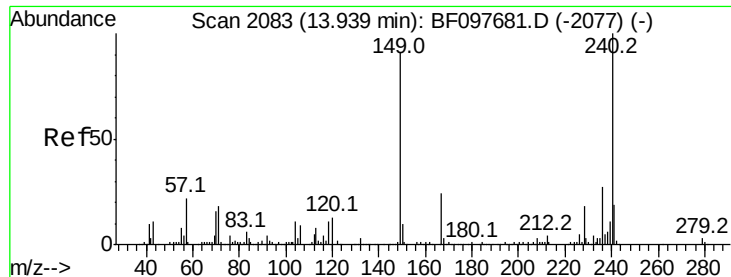
10000

0

10.50

Time-->





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1997

Delta R.T. -0.01 min

Lab File: BF098357.D

Acq: 8 Sep 2017 18:20

Instrument :

BNA_F

ClientSampleId :

PB102130BL

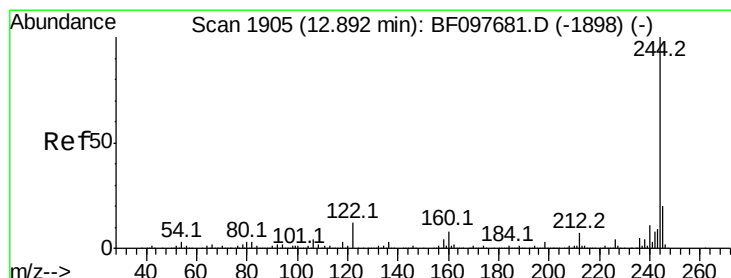
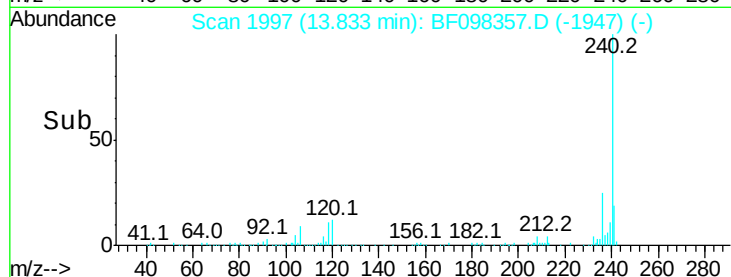
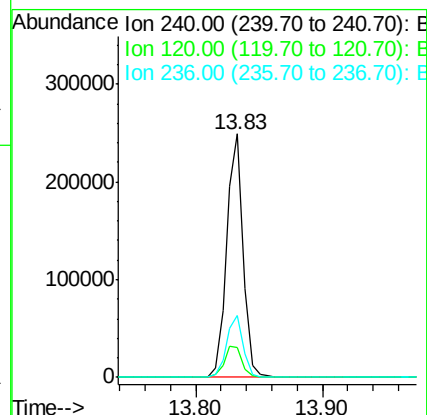
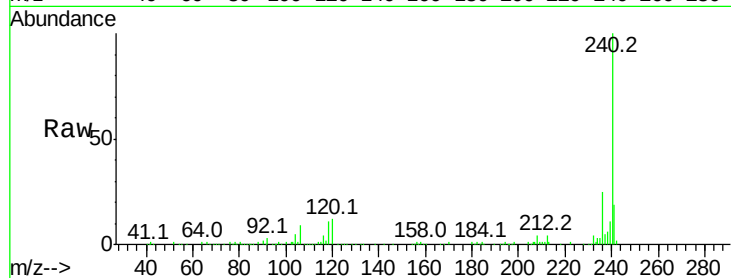
Tot Ion:240 Resp: 224016

Ion Ratio Lower Upper

240 100

120 12.0 5.8 8.8#

236 25.3 20.5 30.7



#78

Terphenyl-d14

Concen: 58.798 ng

RT: 12.79 min Scan# 1819

Delta R.T. 0.00 min

Lab File: BF098357.D

Acq: 8 Sep 2017 18:20

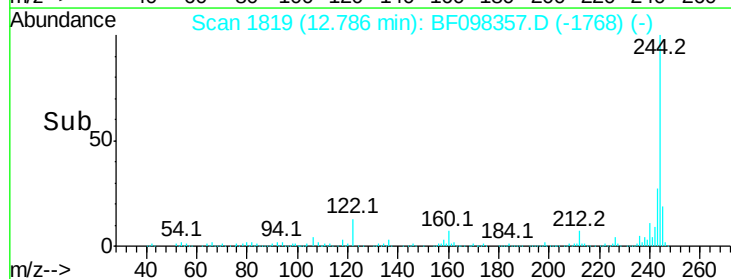
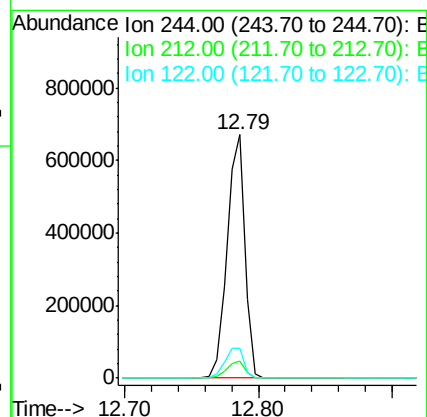
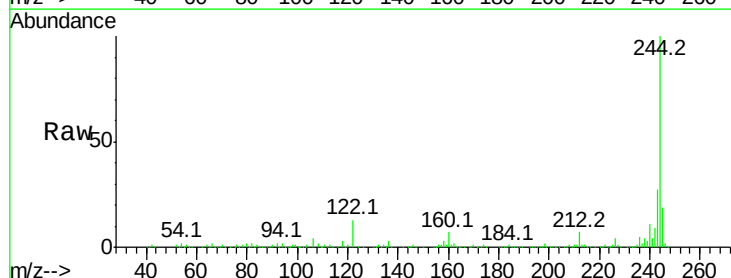
Tgt Ion:244 Resp: 631633

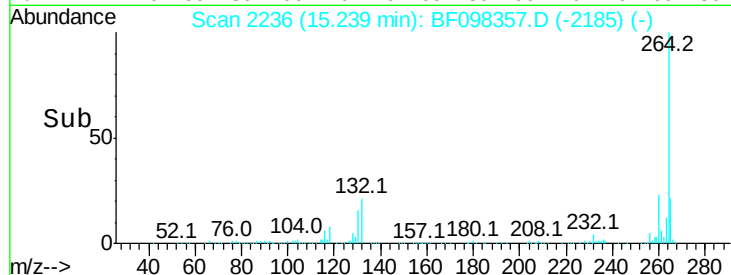
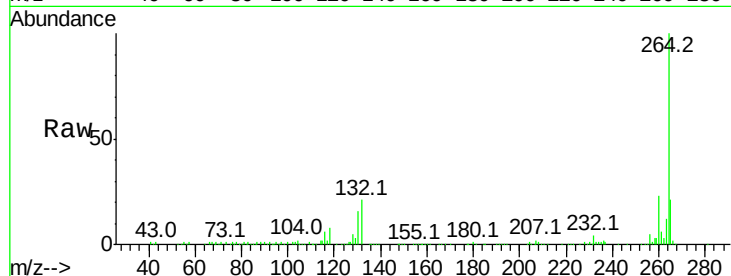
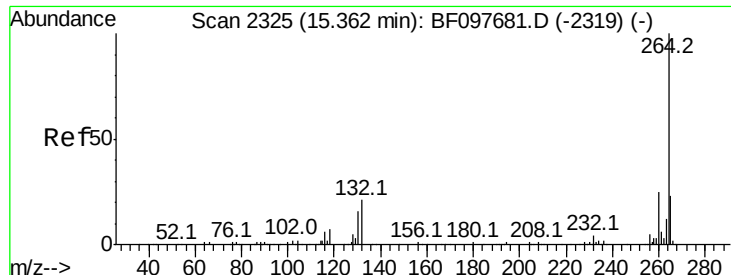
Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

122 12.5 10.3 15.5





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.24 min Scan# 2236
 Delta R.T. 0.00 min
 Lab File: BF098357.D
 Acq: 8 Sep 2017 18:20

Instrument :
 BNA_F
 ClientSampleId :
 PB102130BL

Tot Ion:	264	Resp:	219141
Ion Ratio	Lower	Upper	
264	100		
260	23.4	19.5	29.3
265	21.1	17.2	25.8

