

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091217\
 Data File : BF098457.D
 Acq On : 12 Sep 2017 18:27
 Operator : SJ/JU
 Sample : PB102209BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB102209BL

Quant Time: Sep 13 00:58:44 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 02:14:50 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	225885	20.00	ng	-0.01
21) Naphthalene-d8	7.95	136	914493	20.00	ng	0.00
38) Acenaphthene-d10	9.69	164	383443	20.00	ng	-0.01
63) Phenanthrene-d10	11.17	188	601414	20.00	ng	-0.01
75) Chrysene-d12	13.81	240	387993	20.00	ng	0.00
86) Perylene-d12	15.20	264	345882	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.28	112	1898756	124.28	ng	0.00
7) Phenol-d6	6.32	99	2340985	120.68	ng	0.00
23) Nitrobenzene-d5	7.23	82	1417402	86.41	ng	0.00
41) 2,4,6-Tribromophenol	10.49	330	322649	126.08	ng	0.00
44) 2-Fluorobiphenyl	9.02	172	2223356	98.28	ng	-0.01
78) Terphenyl-d14	12.76	244	1409810	78.43	ng	0.00

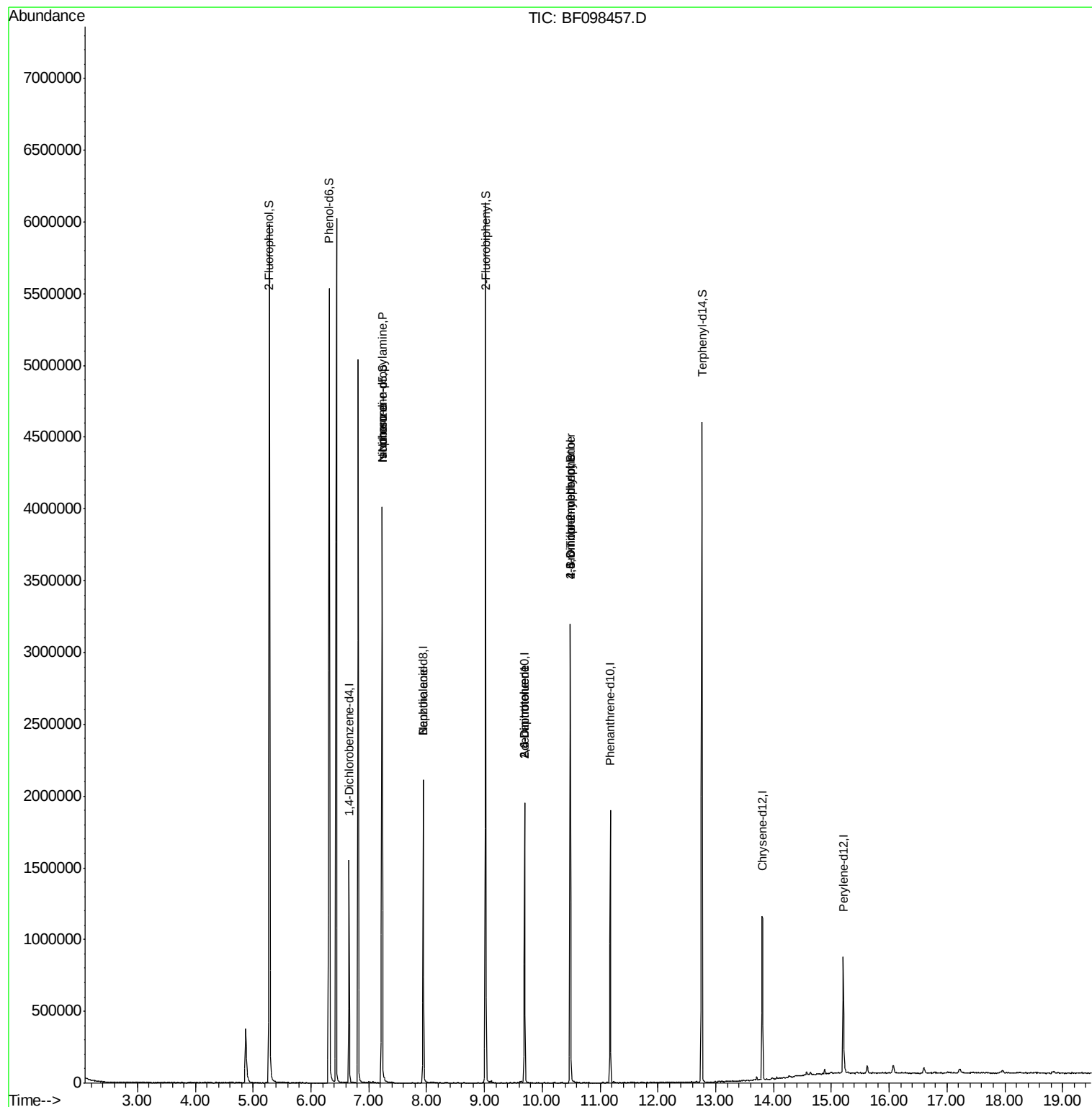
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.23	70	189666	15.545	ng	# 79
25) Isophorone	7.23	82	1377022	41.491	ng	# 67
32) Benzoic acid	7.95	122	263	7.992	ng	# 1
50) 2,6-Dinitrotoluene	9.69	165	49507	8.120	ng	# 34
56) 2,4-Dinitrotoluene	9.69	165	49507	6.679	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.49	198	923	5.189	ng	# 32
66) 4-Bromophenyl-phenylether	10.49	248	24354	4.267	ng	# 1

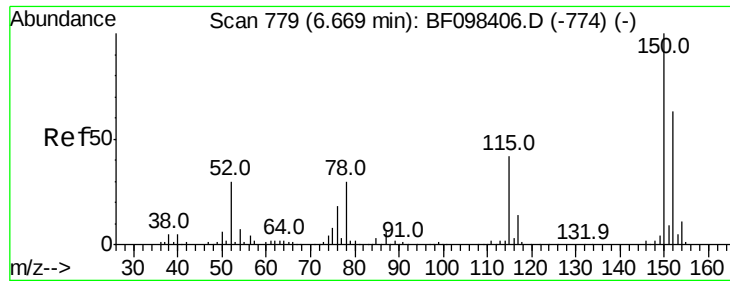
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091217\
Data File : BF098457.D
Acq On : 12 Sep 2017 18:27
Operator : SJ/JU
Sample : PB102209BL
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB102209BL

Quant Time: Sep 13 00:58:44 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 02:14:50 2017
Response via : Initial Calibration



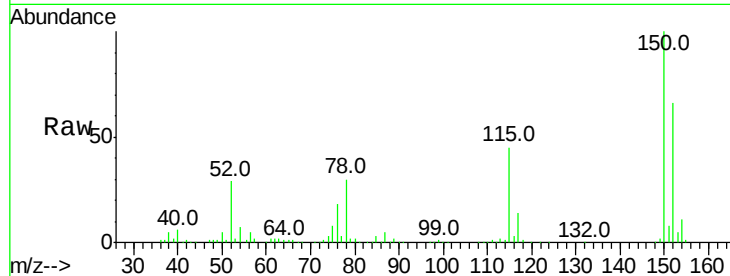


#1

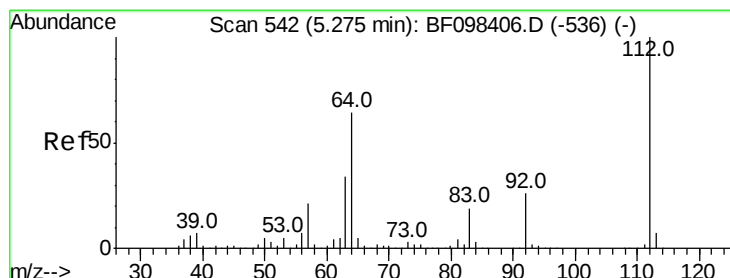
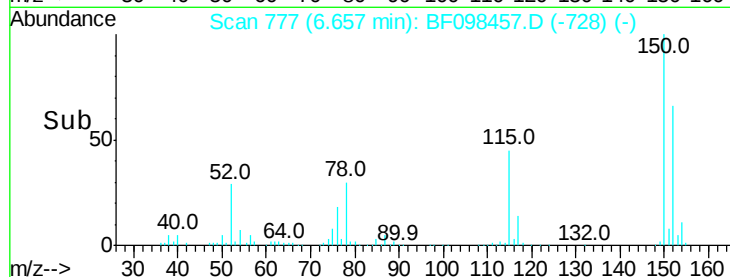
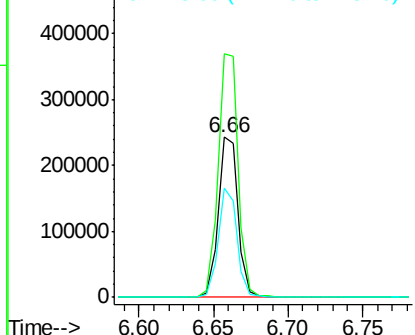
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 777
Delta R.T. -0.01 min
Lab File: BF098457.D
Acq: 12 Sep 2017 18:27

Instrument :
BNA_F
ClientSampleId :
PB102209BL

Tot Ion:152 Resp: 225885
Ion Ratio Lower Upper
152 100
150 152.3 126.2 189.2
115 68.7 52.2 78.2



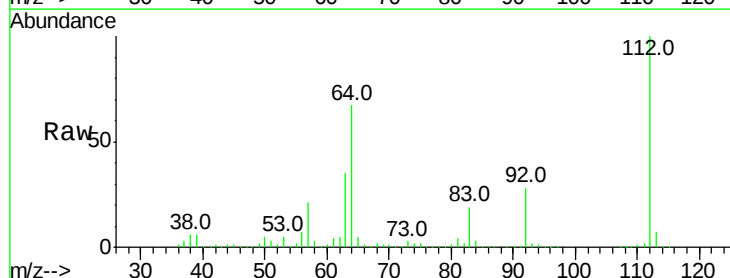
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



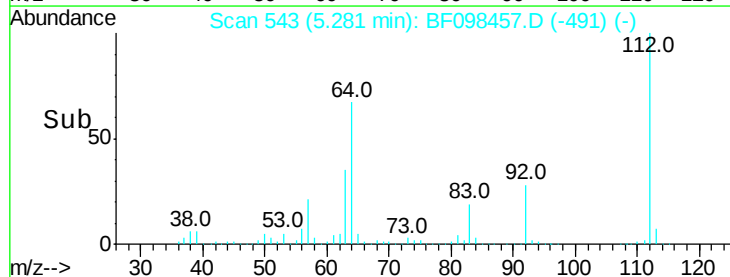
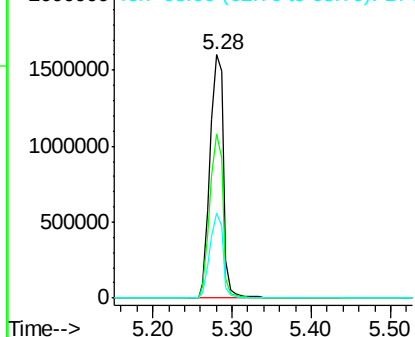
#5

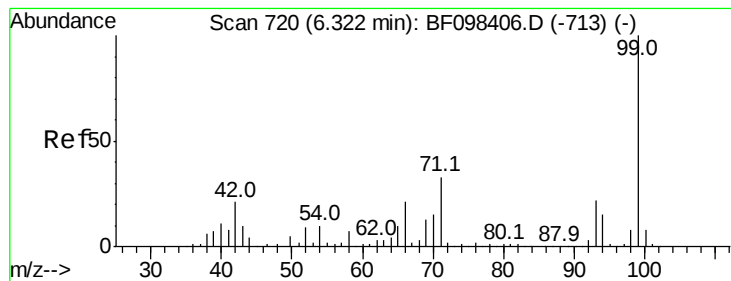
2-Fluorophenol
Concen: 124.283 ng
RT: 5.28 min Scan# 543
Delta R.T. 0.01 min
Lab File: BF098457.D
Acq: 12 Sep 2017 18:27

Tgt Ion:112 Resp: 1898756
Ion Ratio Lower Upper
112 100
64 67.4 46.0 69.0
63 34.8 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: 120.684 ng

RT: 6.32 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF098457.D

Acq: 12 Sep 2017 18:27

Instrument :

BNA_F

ClientSampleId :

PB102209BL

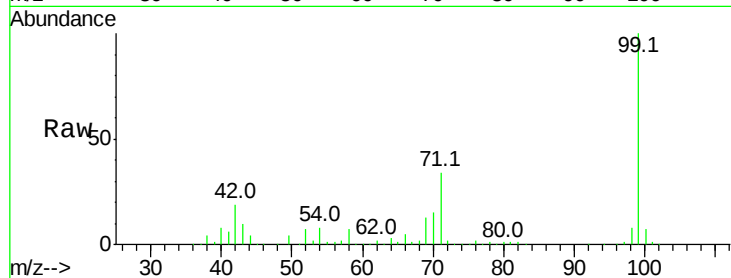
Tot Ion: 99 Resp: 2340985

Ion Ratio Lower Upper

99 100

42 19.0 13.5 20.3

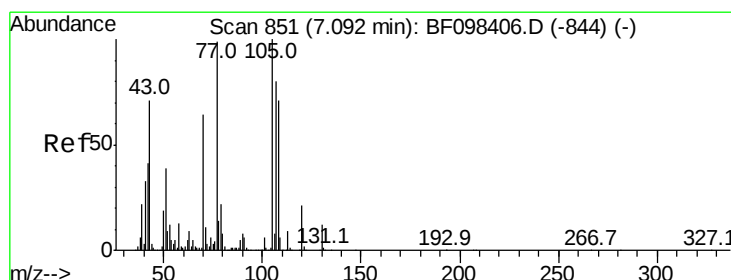
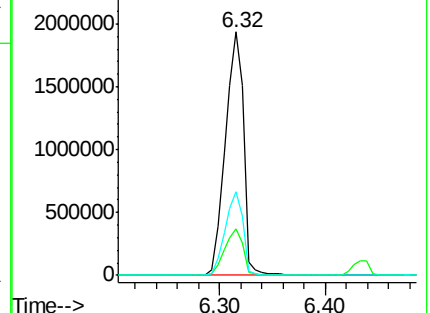
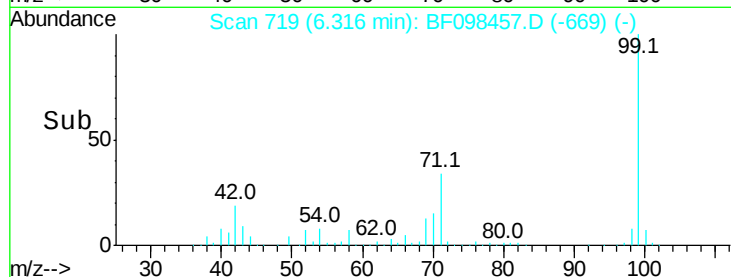
71 34.1 24.5 36.7



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: 15.545 ng

RT: 7.23 min Scan# 875

Delta R.T. 0.14 min

Lab File: BF098457.D

Acq: 12 Sep 2017 18:27

Tgt Ion: 70 Resp: 189666

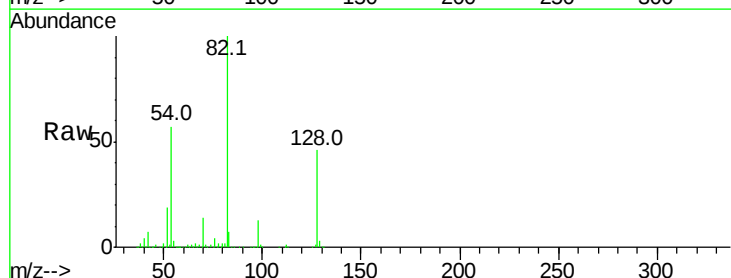
Ion Ratio Lower Upper

70 100

42 48.5 47.2 70.8

101 0.0 7.2 10.8#

130 1.7 15.9 23.9#

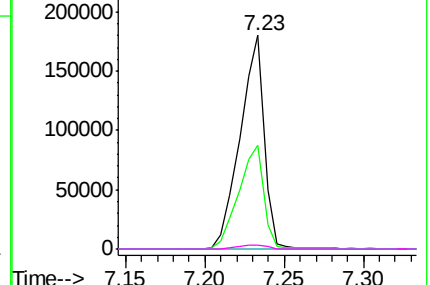
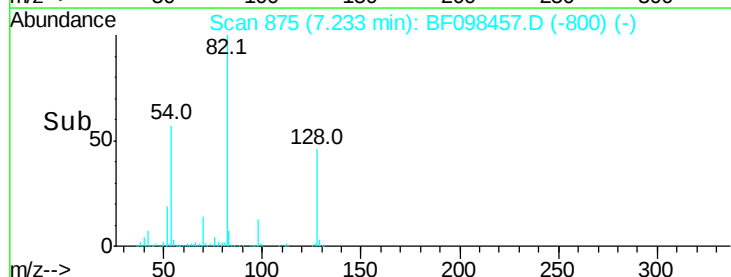


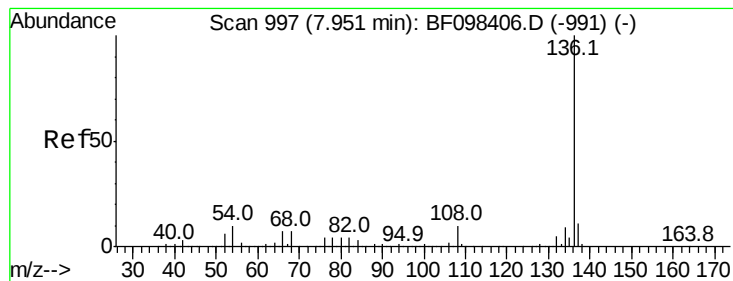
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.95 min Scan# 996

Delta R.T. -0.01 min

Lab File: BF098457.D

Acq: 12 Sep 2017 18:27

Instrument :

BNA_F

ClientSampleId :

PB102209BL

Tot Ion:136 Resp: 914493

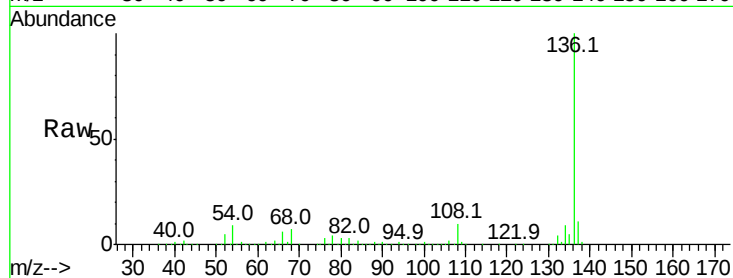
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 9.3 4.9 7.3#

68 6.8 4.1 6.1#

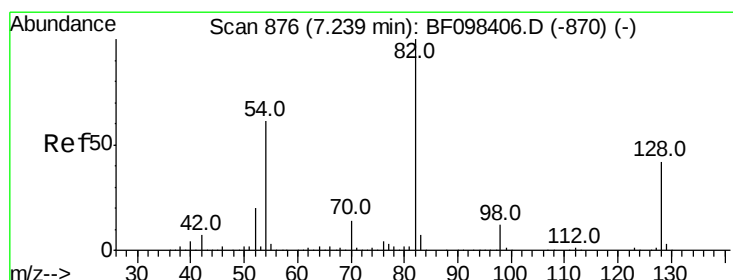
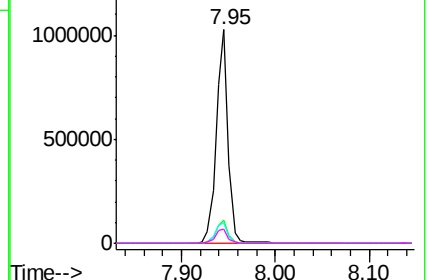
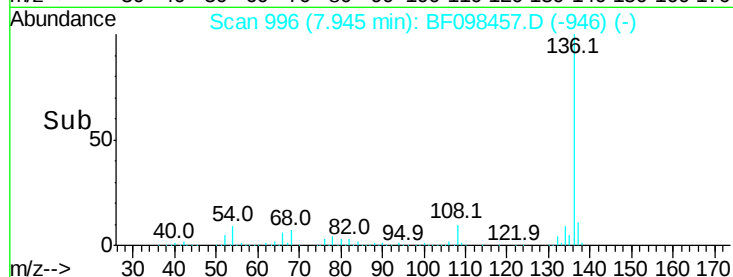


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 86.408 ng

RT: 7.23 min Scan# 875

Delta R.T. -0.01 min

Lab File: BF098457.D

Acq: 12 Sep 2017 18:27

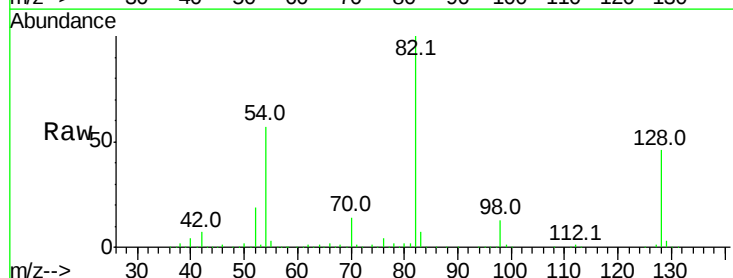
Tgt Ion: 82 Resp: 1417402

Ion Ratio Lower Upper

82 100

128 45.8 34.0 51.0

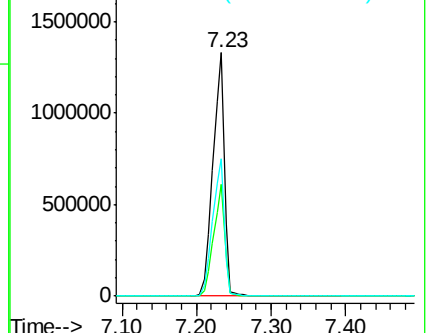
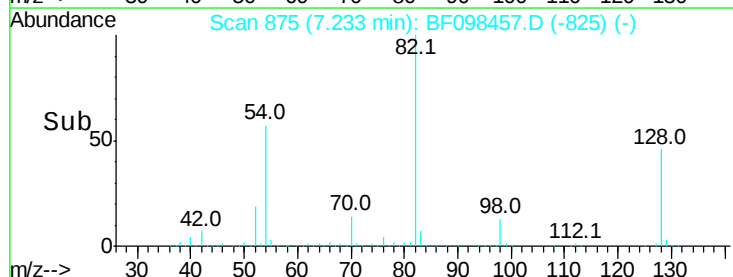
54 56.5 42.2 63.2

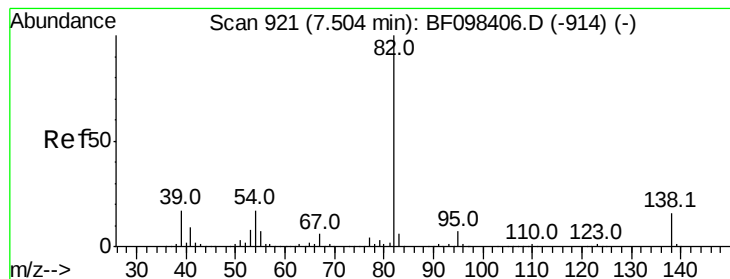


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 41.491 ng

RT: 7.23 min Scan# 875

Delta R.T. -0.27 min

Lab File: BF098457.D

Acq: 12 Sep 2017 18:27

Instrument :

BNA_F

ClientSampleId :

PB102209BL

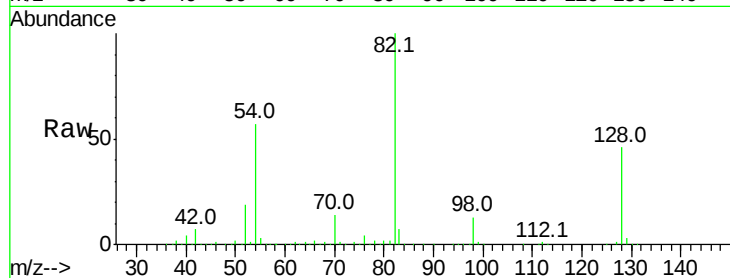
Tot Ion: 82 Resp: 1377022

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

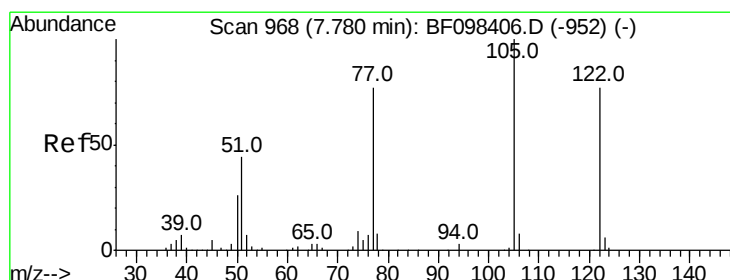
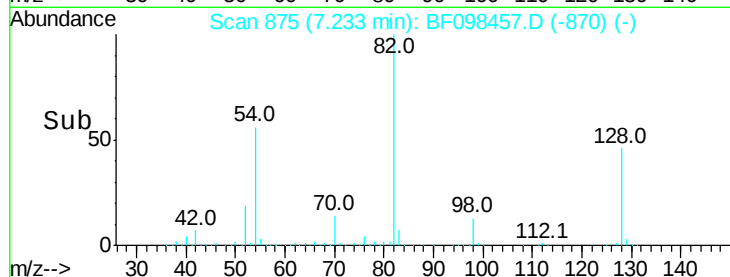
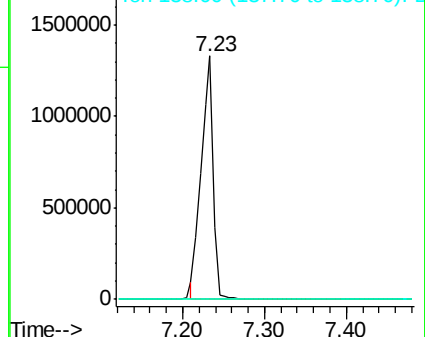
138 0.0 13.1 19.7#



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): BF0



#32

Benzoic acid

Concen: 7.992 ng

RT: 7.95 min Scan# 996

Delta R.T. 0.17 min

Lab File: BF098457.D

Acq: 12 Sep 2017 18:27

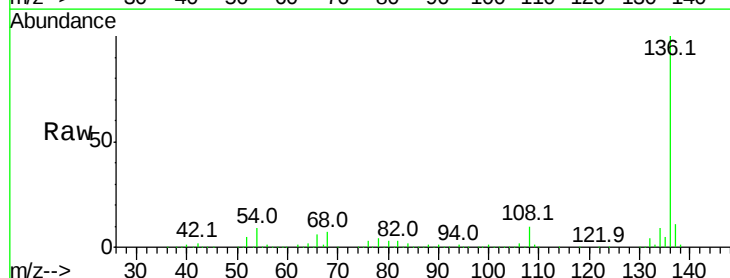
Tgt Ion:122 Resp: 263

Ion Ratio Lower Upper

122 100

105 244.8 103.3 143.3#

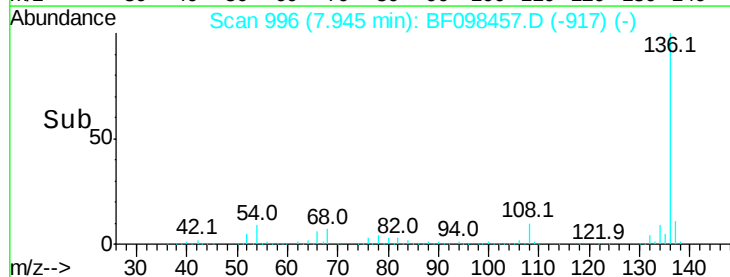
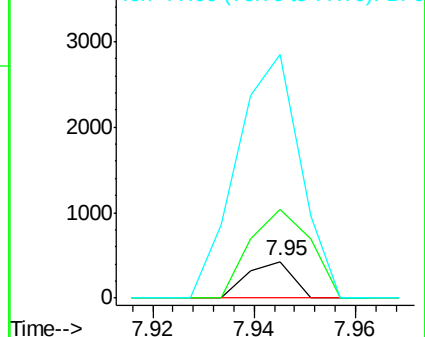
77 668.5 73.7 113.7#

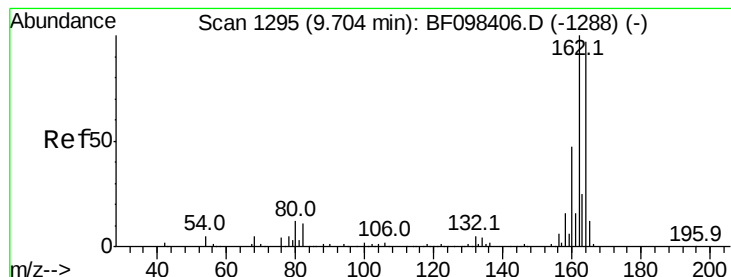


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF098457.D

Acq: 12 Sep 2017 18:27

Instrument :

BNA_F

ClientSampleId :

PB102209BL

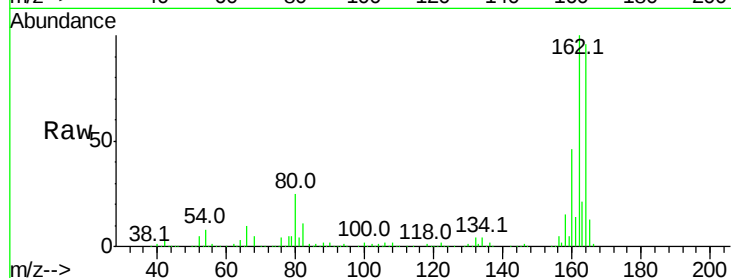
Tot Ion:164 Resp: 383443

Ion Ratio Lower Upper

164 100

162 104.4 82.6 123.8

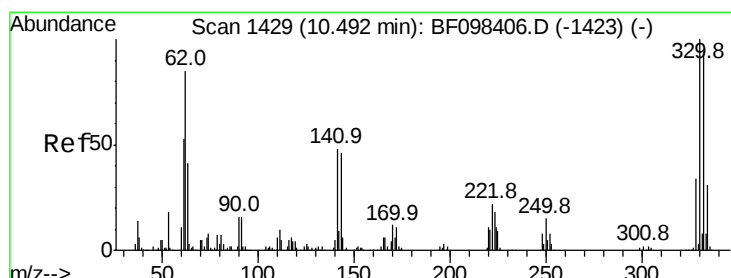
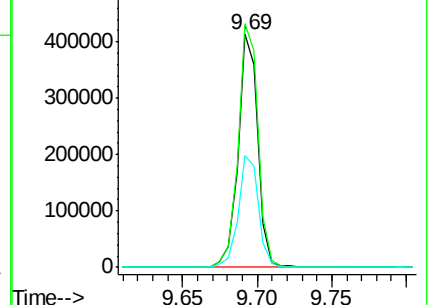
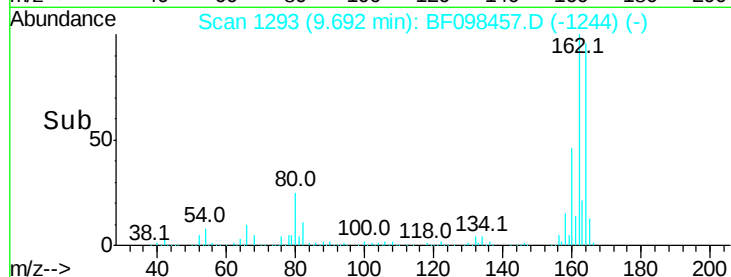
160 48.2 36.2 54.2



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: 126.076 ng

RT: 10.49 min Scan# 1428

Delta R.T. -0.01 min

Lab File: BF098457.D

Acq: 12 Sep 2017 18:27

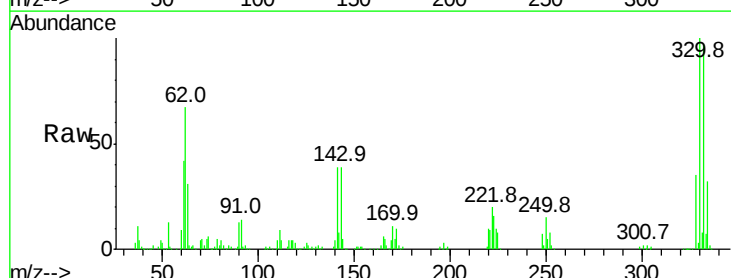
Tgt Ion:330 Resp: 322649

Ion Ratio Lower Upper

330 100

332 97.2 76.6 115.0

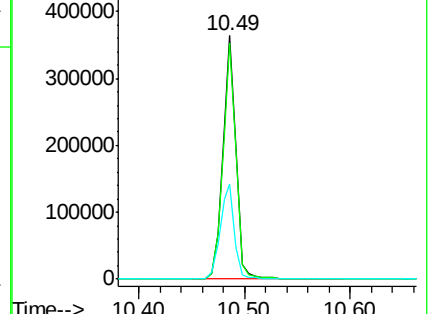
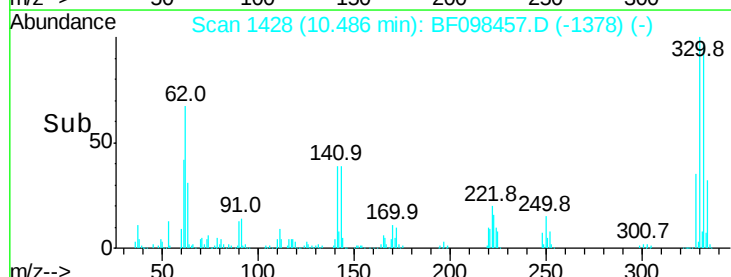
141 42.4 31.4 47.2

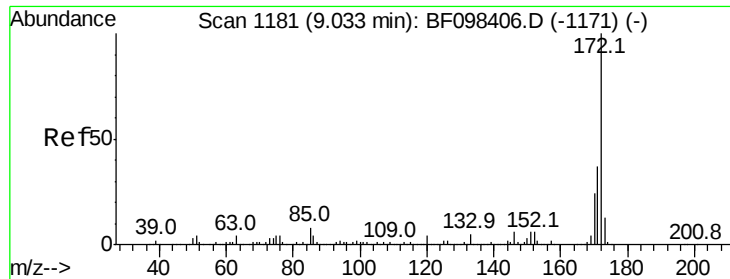


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 98.278 ng

RT: 9.02 min Scan# 1179

Delta R.T. -0.01 min

Lab File: BF098457.D

Acq: 12 Sep 2017 18:27

Instrument :

BNA_F

ClientSampleId :

PB102209BL

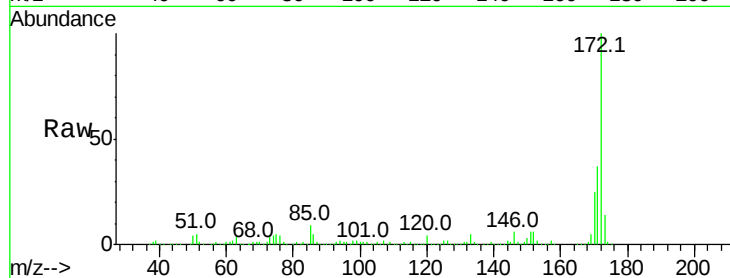
Tot Ion:172 Resp: 2223356

Ion Ratio Lower Upper

172 100

171 36.5 29.6 44.4

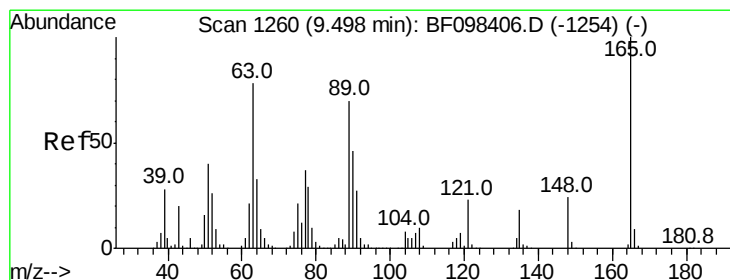
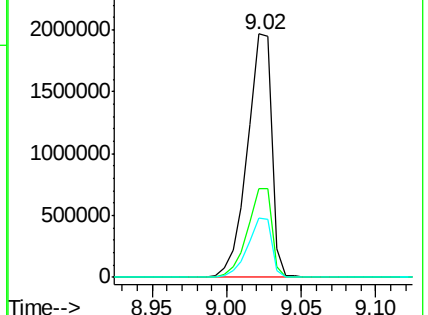
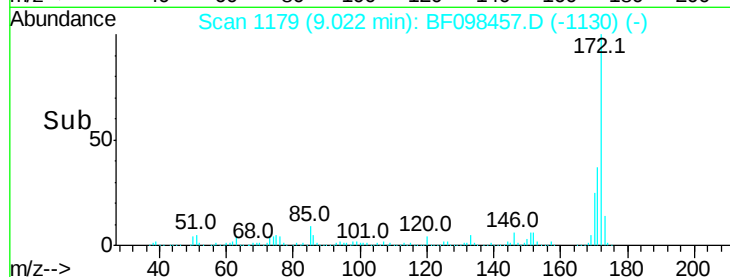
170 24.6 19.8 29.8



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



#50

2,6-Dinitrotoluene

Concen: 8.120 ng

RT: 9.69 min Scan# 1293

Delta R.T. 0.19 min

Lab File: BF098457.D

Acq: 12 Sep 2017 18:27

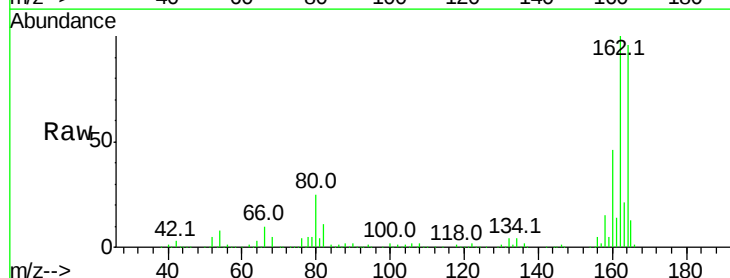
Tgt Ion:165 Resp: 49507

Ion Ratio Lower Upper

165 100

63 1.8 34.3 51.5#

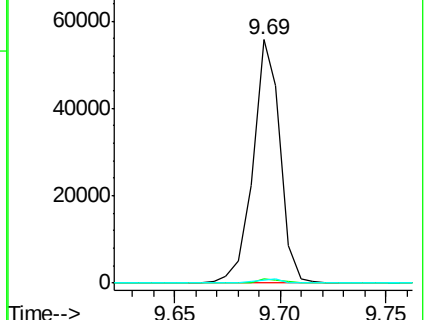
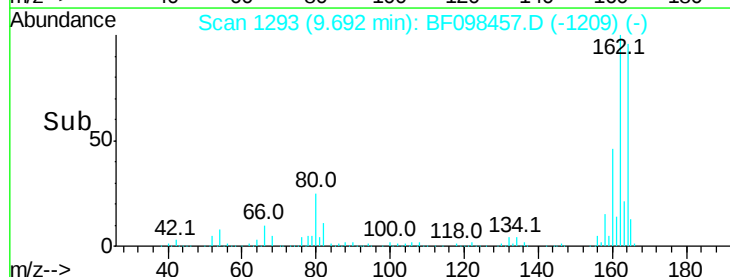
89 1.2 37.1 55.7#

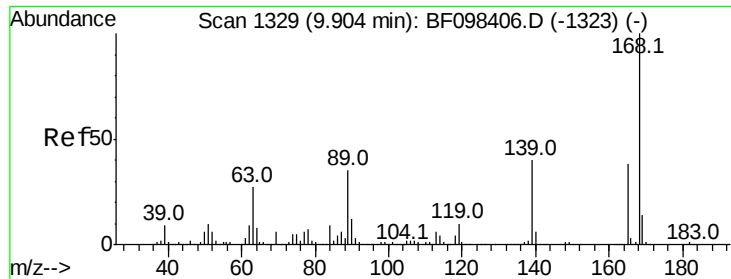


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

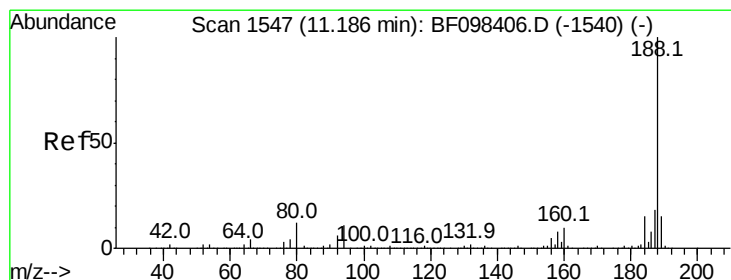
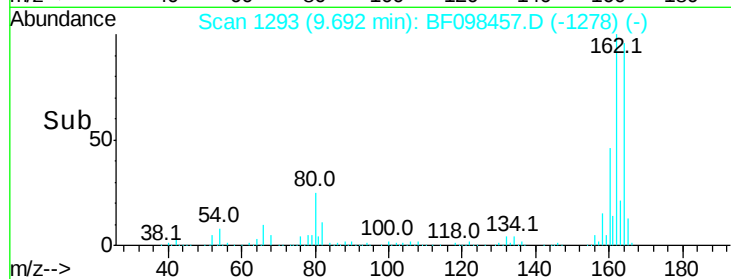
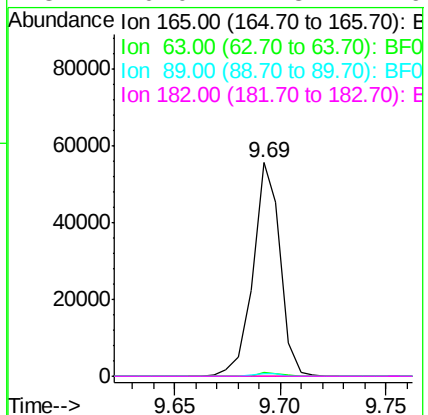
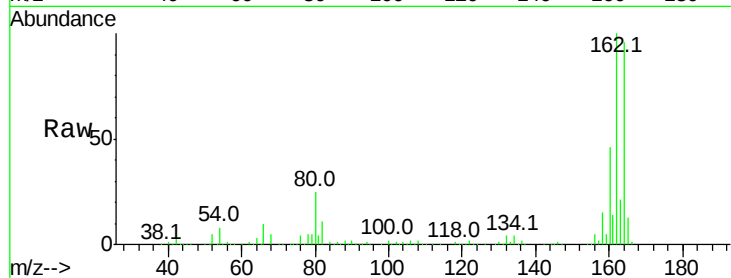




#56
 2,4-Dinitrotoluene
 Concen: 6.679 ng
 RT: 9.69 min Scan# 1293
 Delta R.T. -0.21 min
 Lab File: BF098457.D
 Acq: 12 Sep 2017 18:27

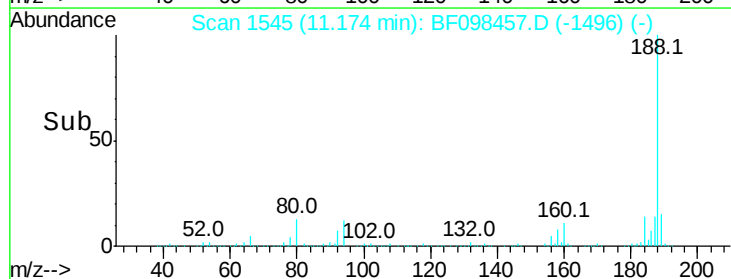
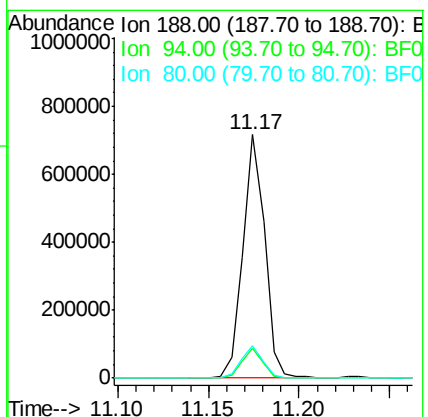
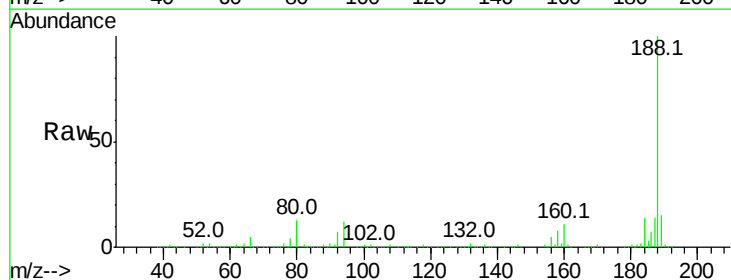
Instrument :
 BNA_F
 ClientSampleId :
 PB102209BL

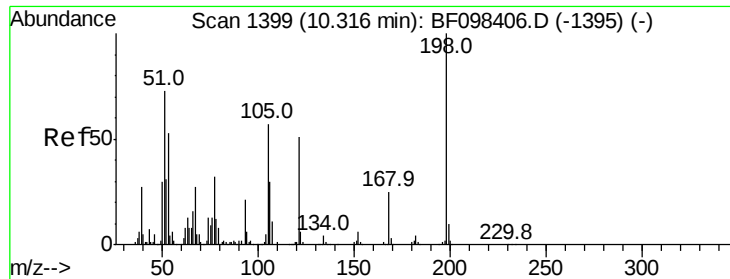
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.8	25.4	38.0#
89	1.2	46.4	69.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.17 min Scan# 1545
 Delta R.T. -0.01 min
 Lab File: BF098457.D
 Acq: 12 Sep 2017 18:27

Tgt Ion	Ratio	Lower	Upper
188	100		
94	12.4	9.4	14.2
80	13.1	10.2	15.2

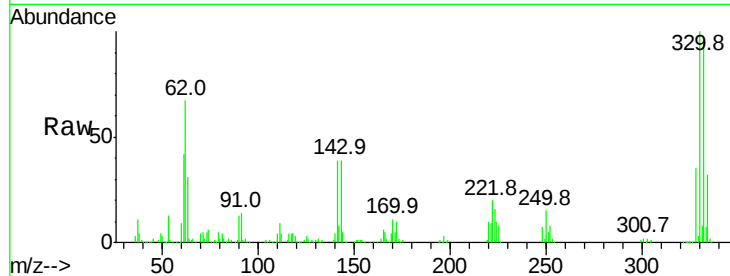




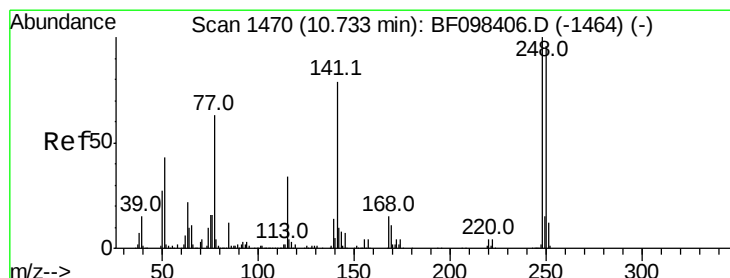
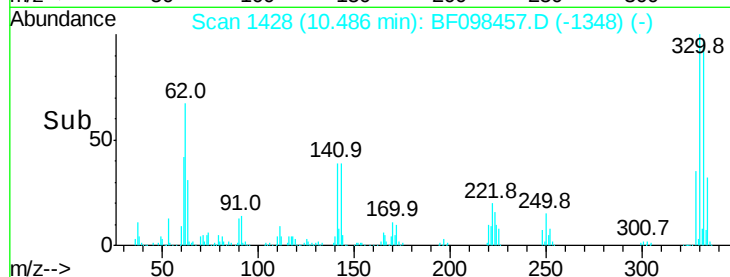
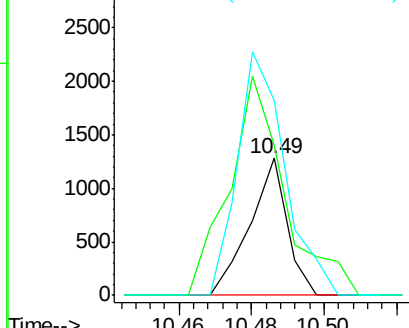
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.189 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. 0.17 min
 Lab File: BF098457.D
 Acq: 12 Sep 2017 18:27

Instrument :
 BNA_F
 ClientSampleId :
 PB102209BL

Tot Ion:198 Resp: 923
 Ion Ratio Lower Upper
 198 100
 51 109.5 53.2 93.2#
 105 142.0 45.8 85.8#

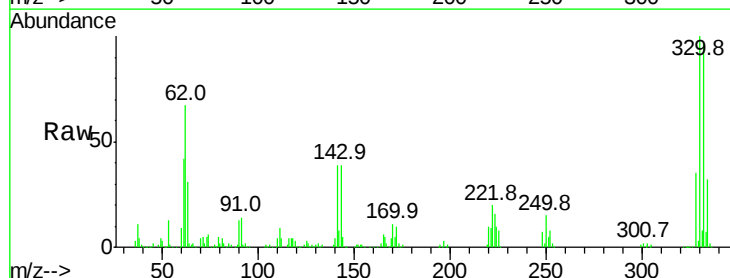


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

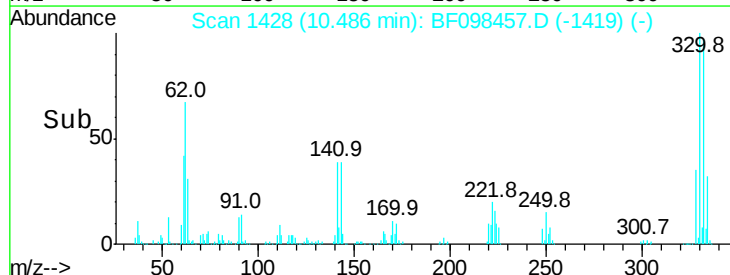
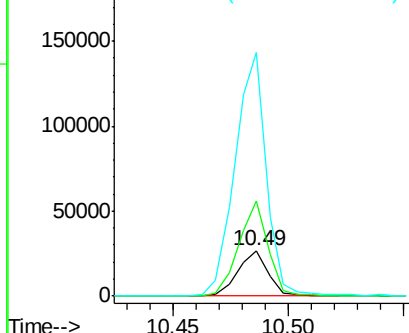


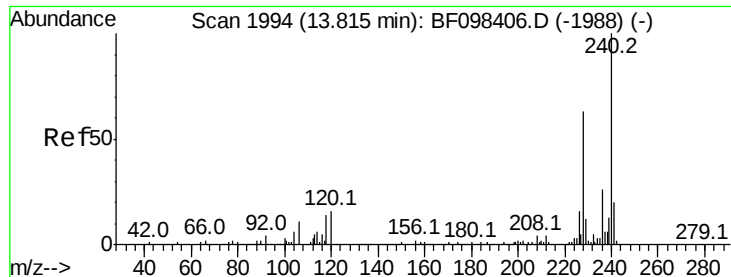
#66
 4-Bromophenyl-phenylether
 Concen: 4.267 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.25 min
 Lab File: BF098457.D
 Acq: 12 Sep 2017 18:27

Tgt Ion:248 Resp: 24354
 Ion Ratio Lower Upper
 248 100
 250 210.8 76.8 115.2#
 141 537.5 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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.81 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BF098457.D

Acq: 12 Sep 2017 18:27

Instrument :

BNA_F

ClientSampleId :

PB102209BL

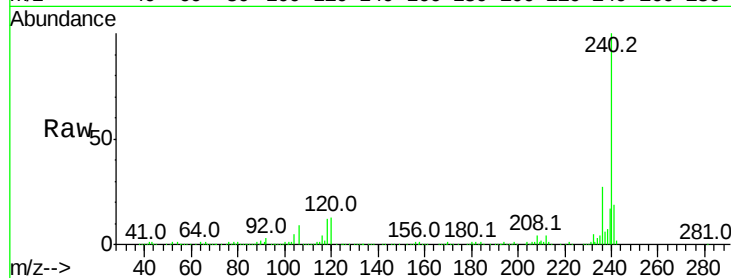
Tot Ion:240 Resp: 387993

Ion Ratio Lower Upper

240 100

120 13.3 5.8 8.8#

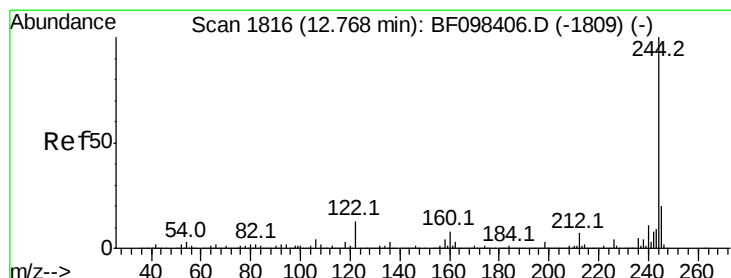
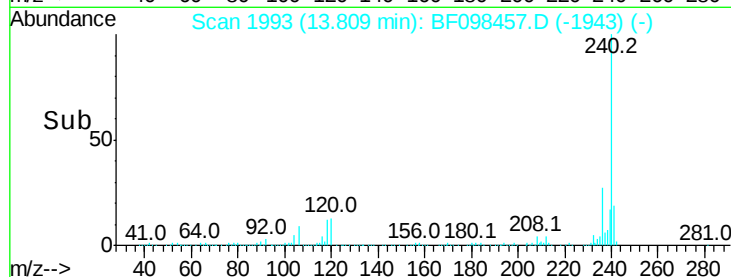
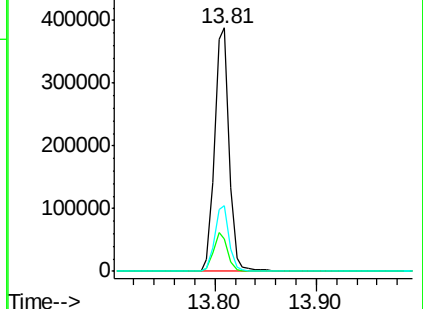
236 27.0 20.5 30.7



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: 78.430 ng

RT: 12.76 min Scan# 1815

Delta R.T. -0.01 min

Lab File: BF098457.D

Acq: 12 Sep 2017 18:27

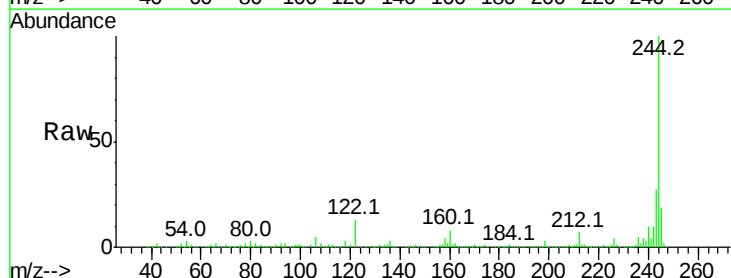
Tgt Ion:244 Resp: 1409810

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

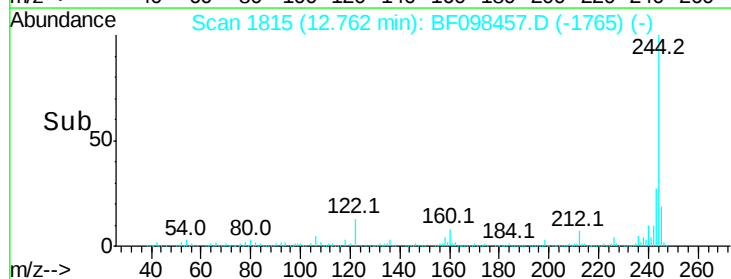
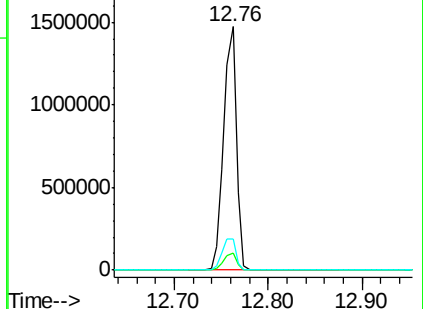
122 12.9 10.3 15.5

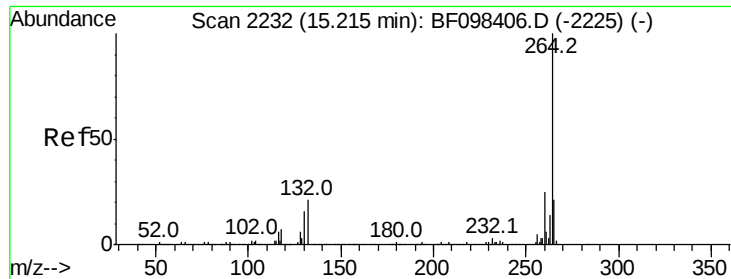


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

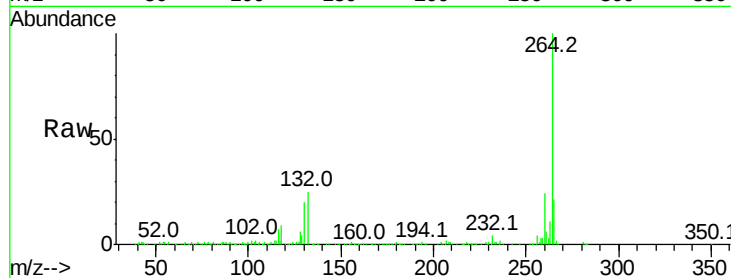




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.20 min Scan# 2230
Delta R.T. -0.01 min
Lab File: BF098457.D
Acq: 12 Sep 2017 18:27

Instrument :
BNA_F
ClientSampleId :
PB102209BL

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	21.3	17.2	25.8



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

