

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
 Data File : BF092559.D
 Acq On : 27 Jan 2017 7:00
 Operator : SJ/MA
 Sample : I1364-03
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 27 09:37:50 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 24 13:48:07 2017
 Response via : Initial Calibration

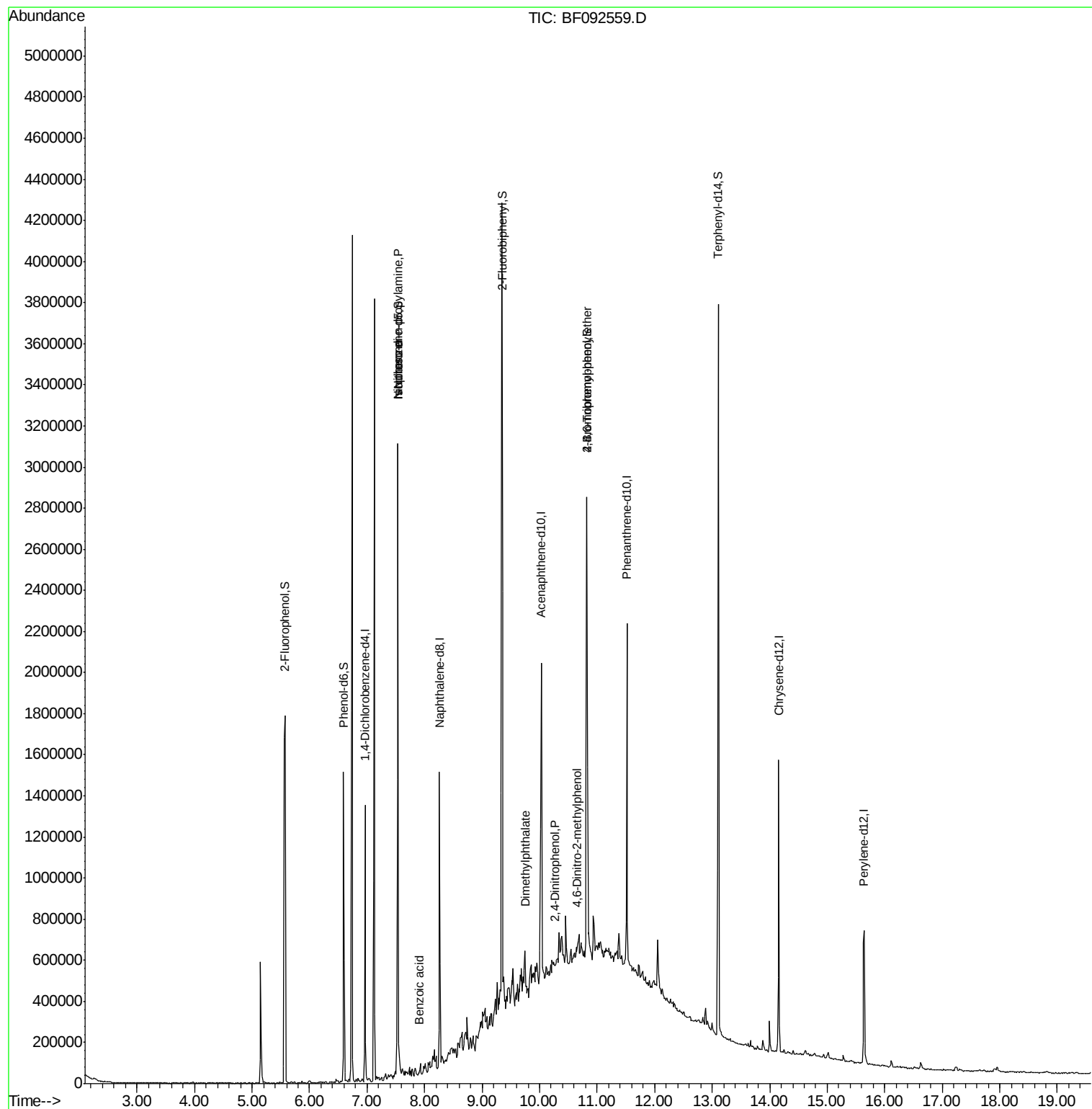
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	179471	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	677890	20.00	ng	-0.01
38) Acenaphthene-d10	10.03	164	390911	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	602789	20.00	ng	-0.01
75) Chrysene-d12	14.16	240	481204	20.00	ng	-0.01
86) Perylene-d12	15.64	264	361554	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	686413	59.51	ng	0.02
7) Phenol-d6	6.59	99	508196	34.59	ng	0.00
23) Nitrobenzene-d5	7.54	82	1119564	90.22	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	366674	137.65	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1745121	82.55	ng	-0.01
78) Terphenyl-d14	13.10	244	1701170	94.14	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.54	70	154087	15.40	ng	# 84
25) Isophorone	7.54	82	1076649	44.03	ng	# 65
32) Benzoic acid	7.92	122	567	4.75	ng	# 20
49) Dimethylphthalate	9.74	163	60237	2.42	ng	# 98
53) 2,4-Dinitrophenol	10.27	184	292	2.98	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.65	198	612	5.12	ng	# 1
66) 4-Bromophenyl-phenylether	10.82	248	26323	4.33	ng	# 1

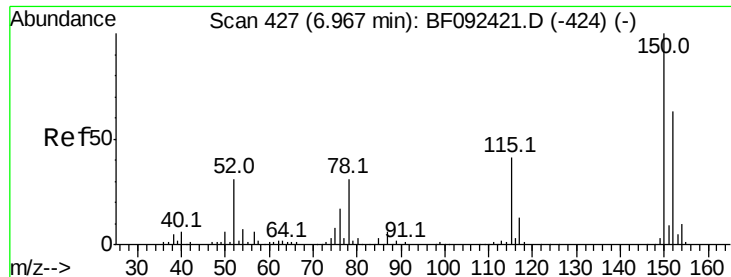
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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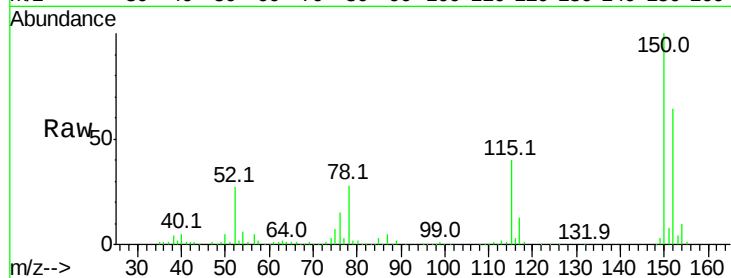


#1

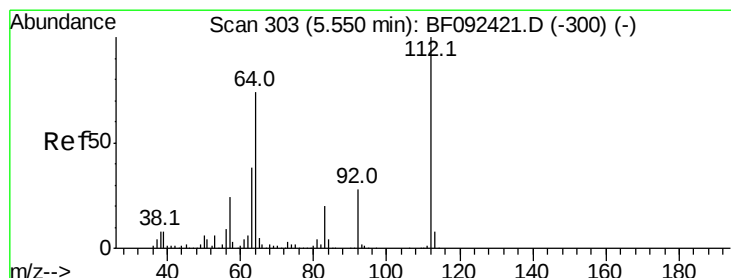
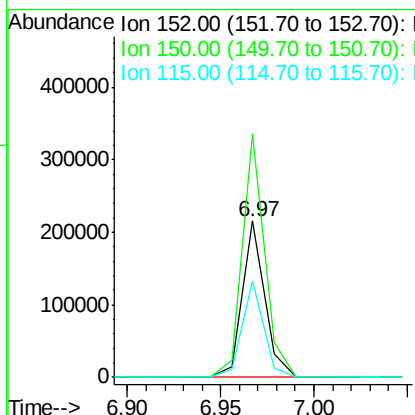
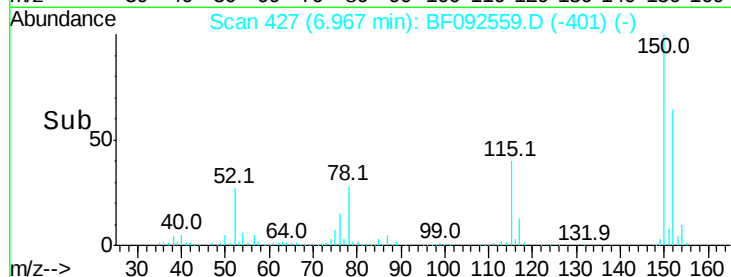
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.97 min Scan# 427
Delta R.T. -0.00 min
Lab File: BF092559.D
Acq: 27 Jan 2017 7:00

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 179471
Ion Ratio Lower Upper
152 100
150 155.7 124.9 187.3
115 62.0 46.0 69.0



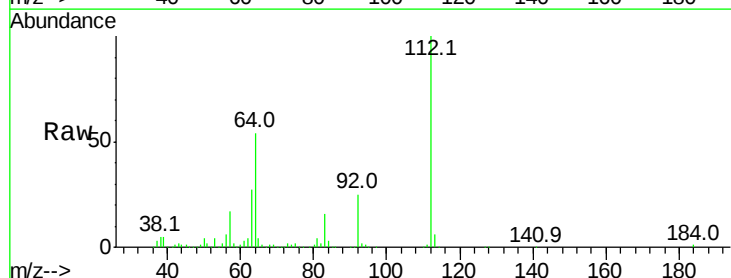
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



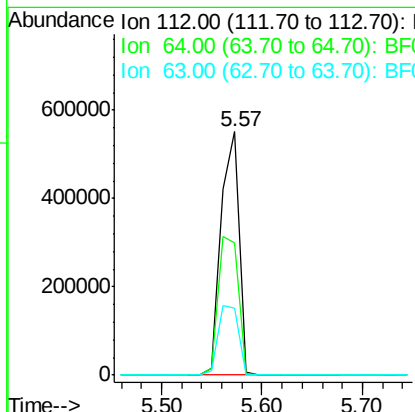
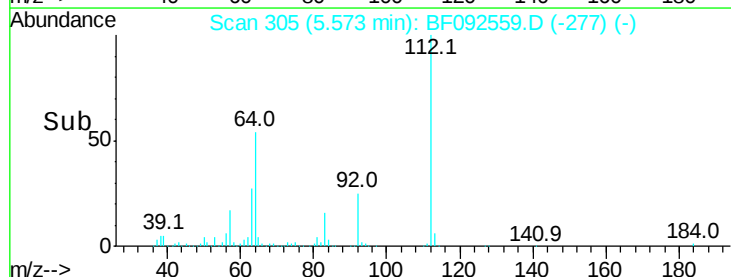
#5

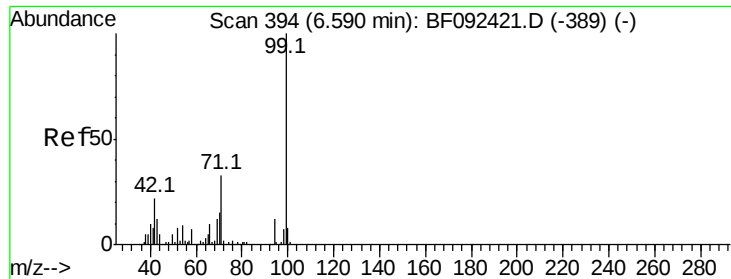
2-Fluorophenol
Concen: 59.51 ng
RT: 5.57 min Scan# 305
Delta R.T. 0.02 min
Lab File: BF092559.D
Acq: 27 Jan 2017 7:00

Tgt Ion:112 Resp: 686413
Ion Ratio Lower Upper
112 100
64 54.1 46.1 69.1
63 27.4 23.8 35.6



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: 34.59 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.00 min

Lab File: BF092559.D

Acq: 27 Jan 2017 7:00

Instrument :

BNA_F

ClientSampleId :

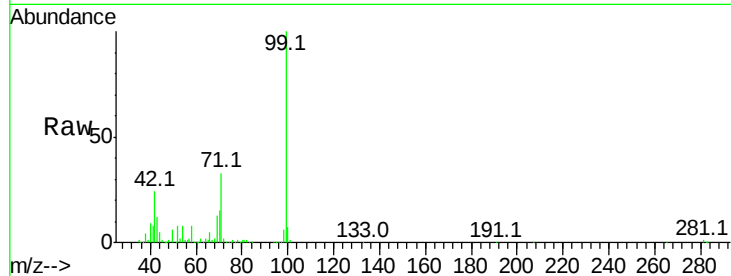
Tot Ion: 99 Resp: 508196

Ion Ratio Lower Upper

99 100

42 23.5 15.6 23.4#

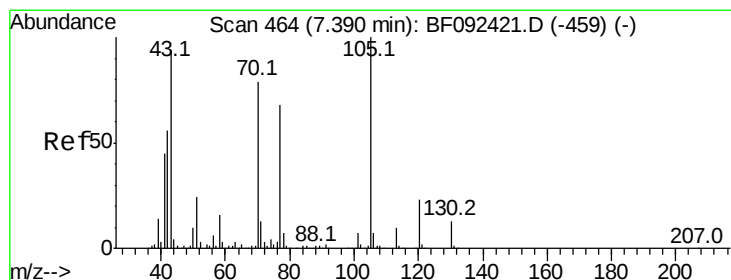
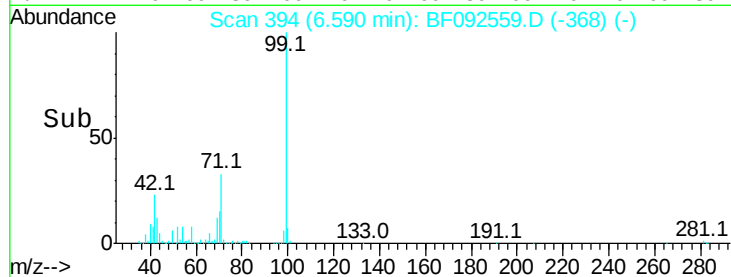
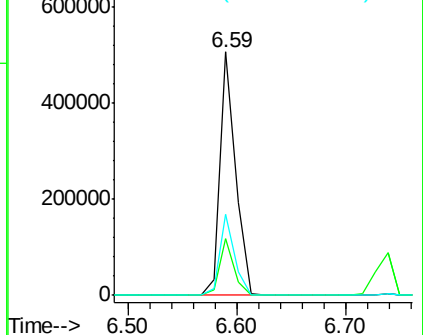
71 33.3 27.5 41.3



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: 15.40 ng

RT: 7.54 min Scan# 477

Delta R.T. 0.15 min

Lab File: BF092559.D

Acq: 27 Jan 2017 7:00

Tgt Ion: 70 Resp: 154087

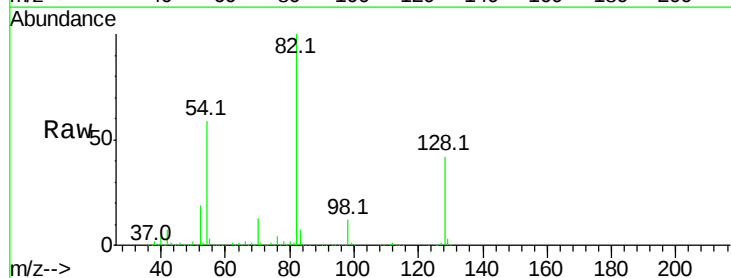
Ion Ratio Lower Upper

70 100

42 54.8 49.4 74.0

101 0.0 7.4 11.2#

130 1.9 14.2 21.4#

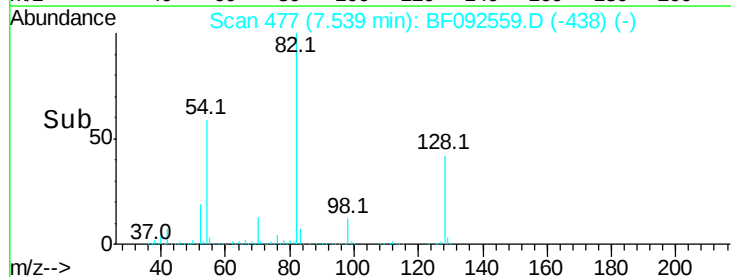
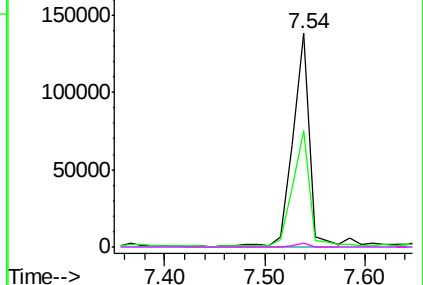


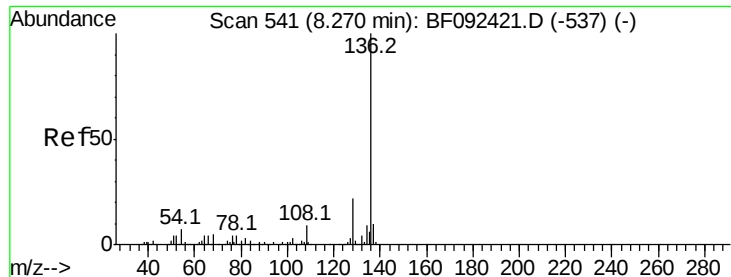
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 20.00 ng

RT: 8.26 min Scan# 540

Delta R.T. -0.01 min

Lab File: BF092559.D

Acq: 27 Jan 2017 7:00

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 677890

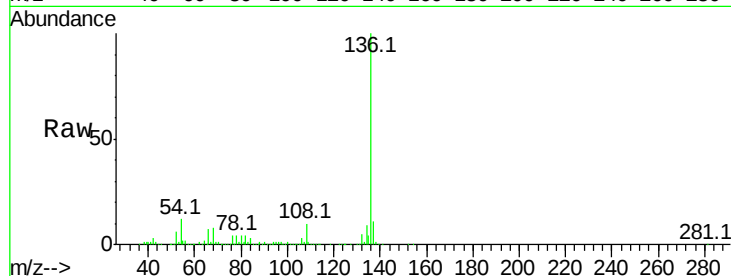
Ion Ratio Lower Upper

136 100

137 11.1 8.4 12.6

54 12.3 4.5 6.7#

68 8.4 3.6 5.4#

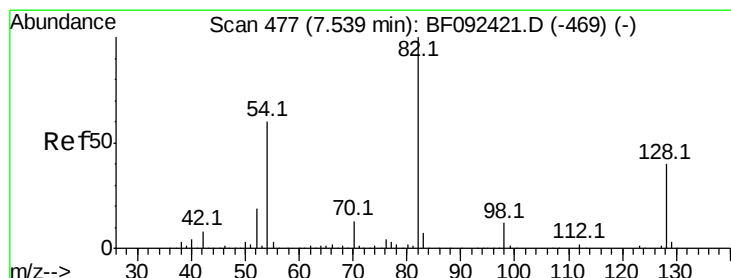
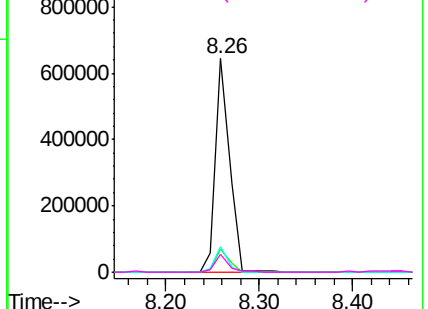
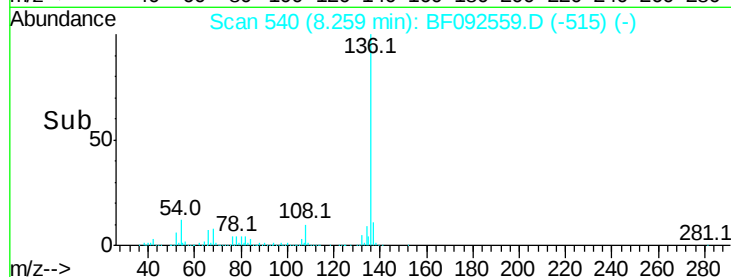


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 90.22 ng

RT: 7.54 min Scan# 477

Delta R.T. -0.00 min

Lab File: BF092559.D

Acq: 27 Jan 2017 7:00

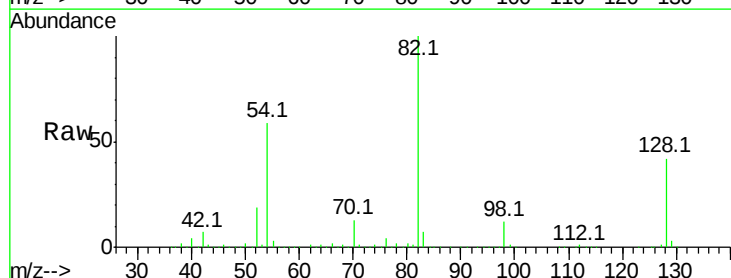
Tgt Ion: 82 Resp: 1119564

Ion Ratio Lower Upper

82 100

128 42.4 34.6 52.0

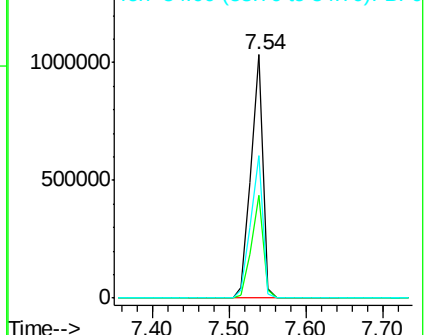
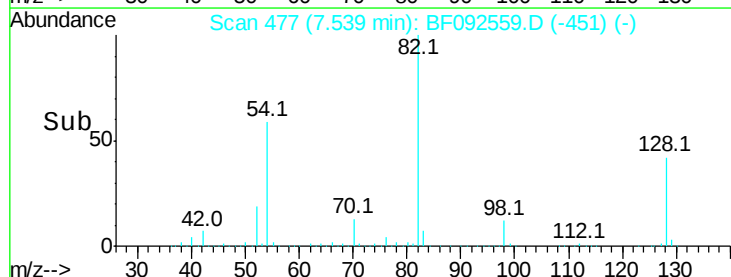
54 58.7 39.5 59.3

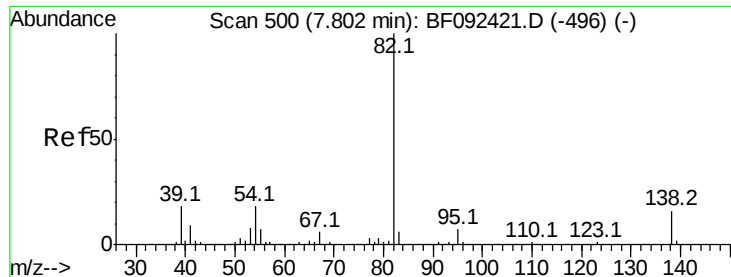


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 44.03 ng

RT: 7.54 min Scan# 477

Delta R.T. -0.26 min

Lab File: BF092559.D

Acq: 27 Jan 2017 7:00

Instrument :

BNA_F

ClientSampled :

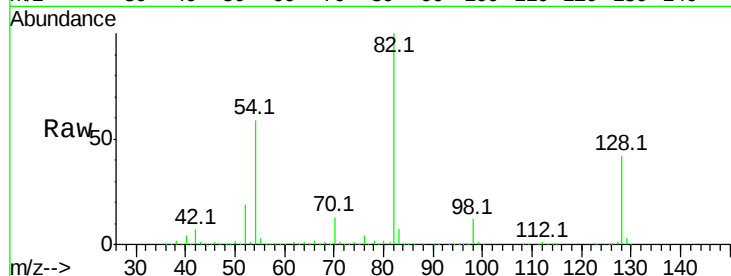
Tot Ion: 82 Resp: 1076649

Ion Ratio Lower Upper

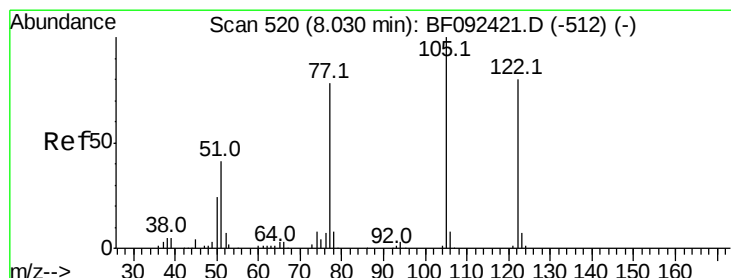
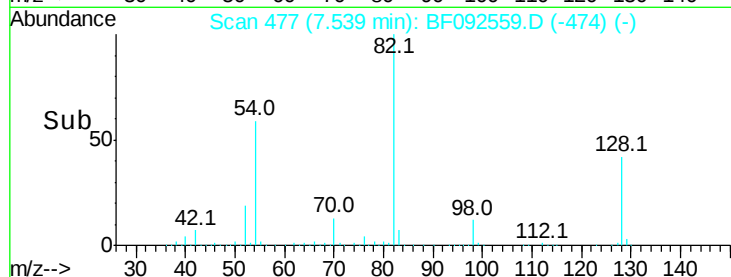
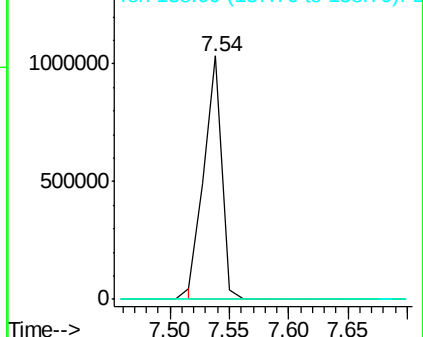
82 100

95 0.1 5.6 8.4#

138 0.0 14.6 22.0#



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: 4.75 ng

RT: 7.92 min Scan# 510

Delta R.T. -0.11 min

Lab File: BF092559.D

Acq: 27 Jan 2017 7:00

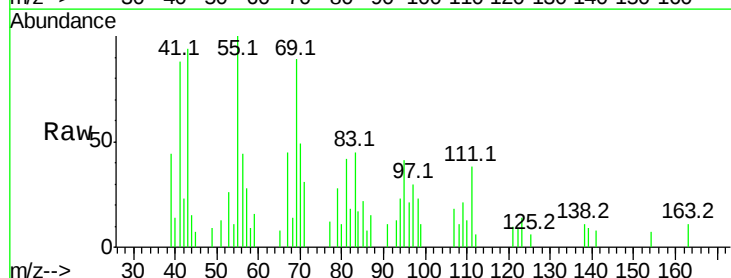
Tgt Ion:122 Resp: 567

Ion Ratio Lower Upper

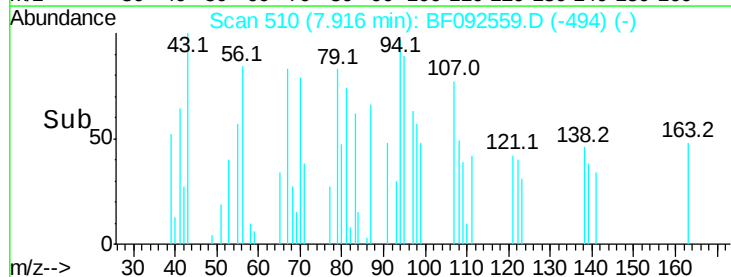
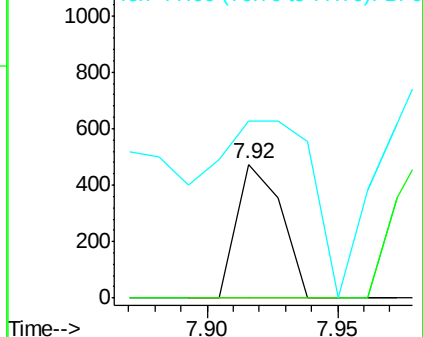
122 100

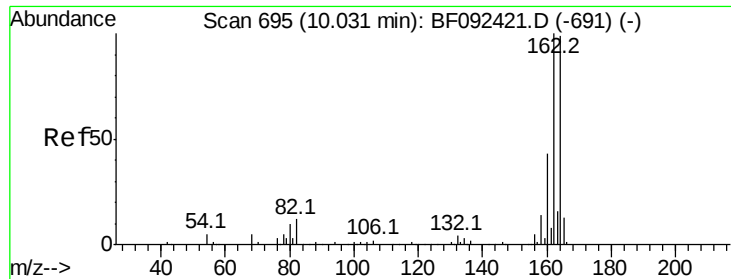
105 0.0 107.2 147.2#

77 131.9 74.5 114.5#



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

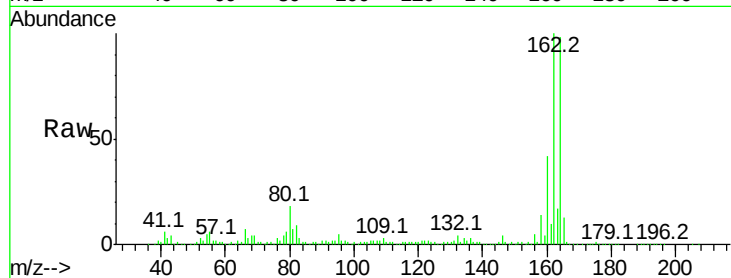




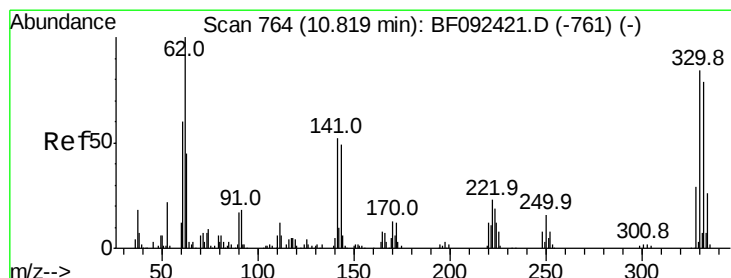
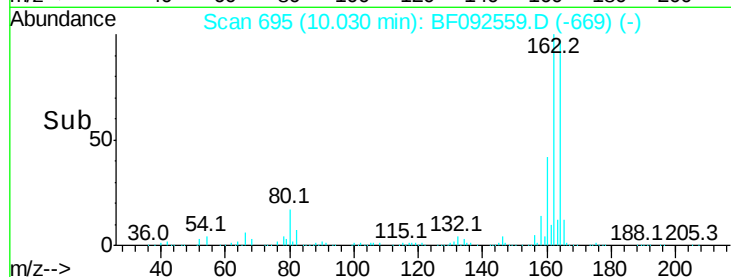
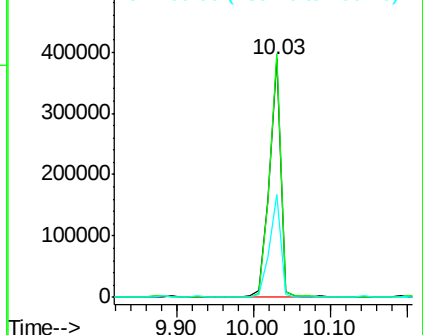
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.00 min
Lab File: BF092559.D
Acq: 27 Jan 2017 7:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 390911
Ion Ratio Lower Upper
164 100
162 102.1 80.2 120.2
160 43.2 36.9 55.3

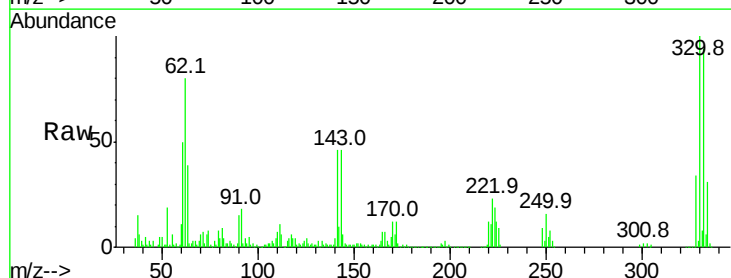


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

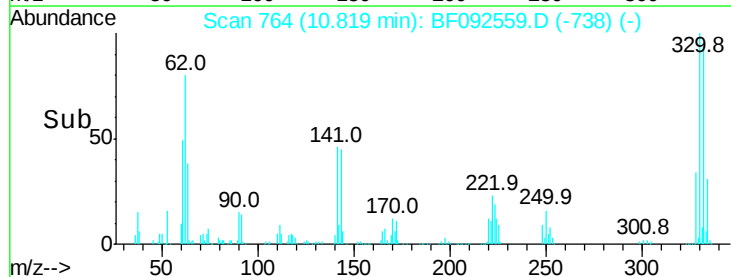
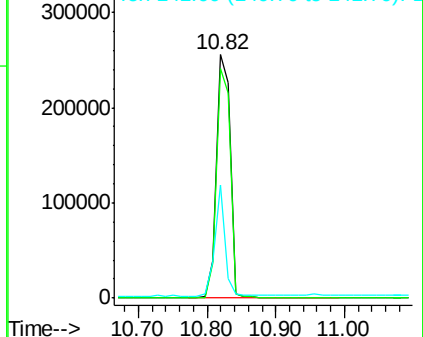


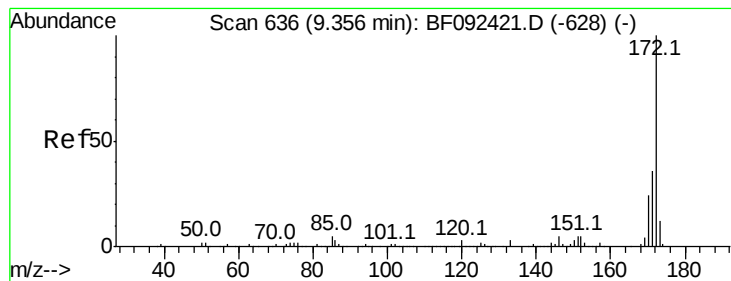
#41
2,4,6-Tribromophenol
Concen: 137.65 ng
RT: 10.82 min Scan# 764
Delta R.T. -0.00 min
Lab File: BF092559.D
Acq: 27 Jan 2017 7:00

Tgt Ion:330 Resp: 366674
Ion Ratio Lower Upper
330 100
332 94.8 77.4 116.2
141 33.6 34.1 51.1#



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: 82.55 ng

RT: 9.34 min Scan# 635

Delta R.T. -0.01 min

Lab File: BF092559.D

Acq: 27 Jan 2017 7:00

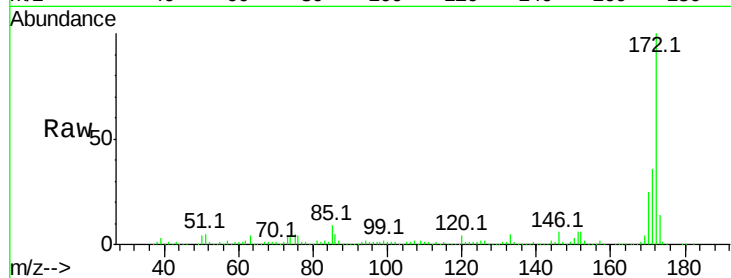
Instrument :

BNA_F

ClientSampleId :

Tot Ion:172 Resp: 1745121

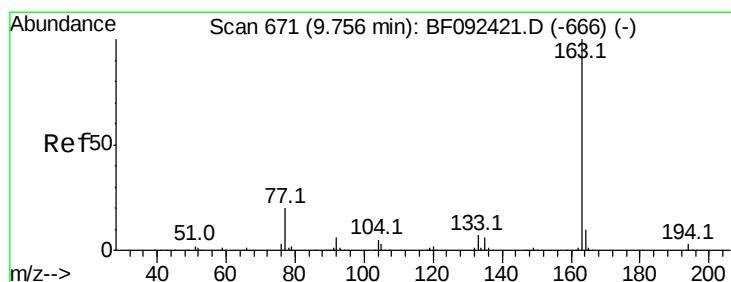
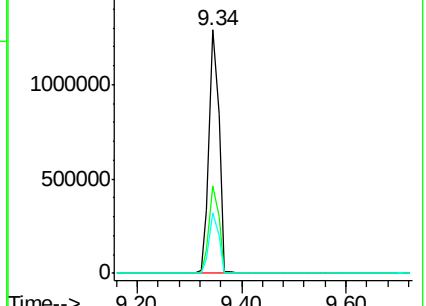
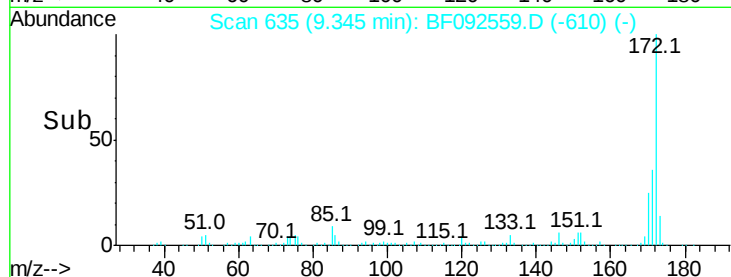
Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.4	44.0
170	24.6	20.2	30.4



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: 2.42 ng

RT: 9.74 min Scan# 670

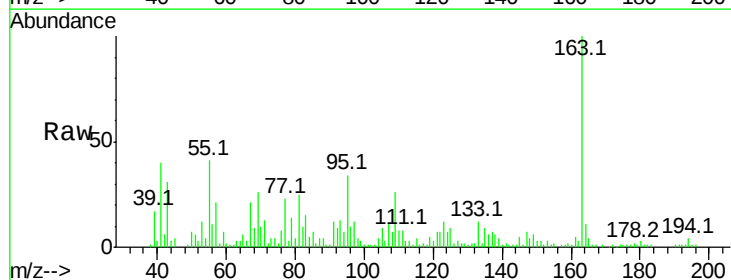
Delta R.T. -0.01 min

Lab File: BF092559.D

Acq: 27 Jan 2017 7:00

Tgt Ion:163 Resp: 60237

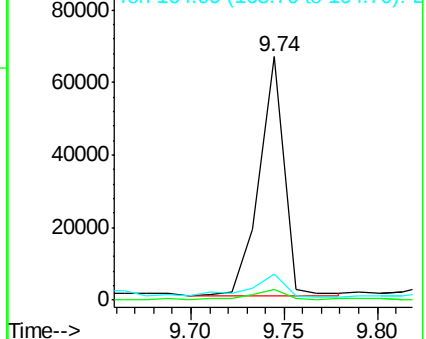
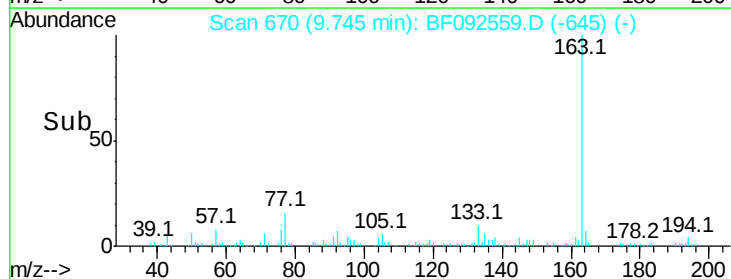
Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.0	4.4#
164	10.7	8.0	12.0

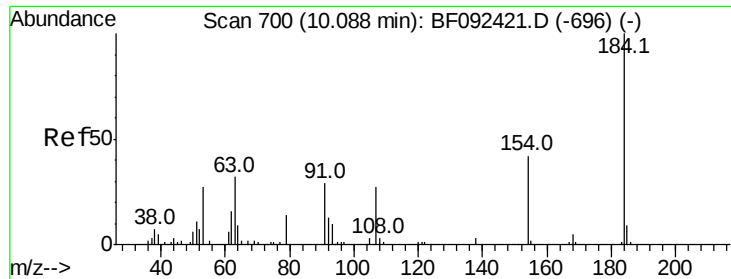


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#53

2,4-Dinitrophenol

Concen: 2.98 ng

RT: 10.27 min Scan# 716

Delta R.T. 0.18 min

Lab File: BF092559.D

Acq: 27 Jan 2017 7:00

Instrument :

BNA_F

ClientSampled :

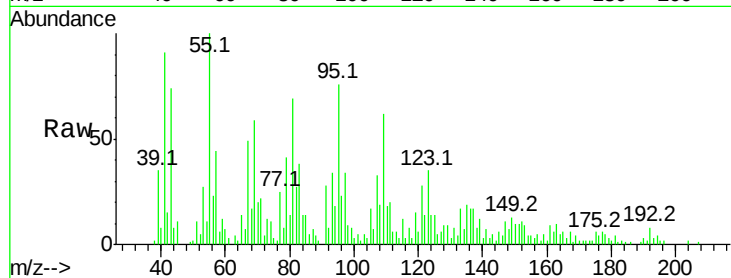
Tot Ion:184 Resp: 292

Ion Ratio Lower Upper

184 100

63 260.1 28.4 42.6#

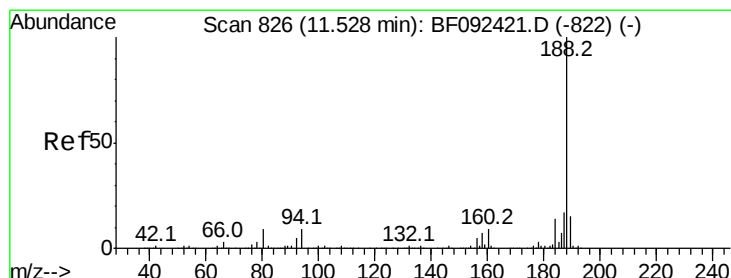
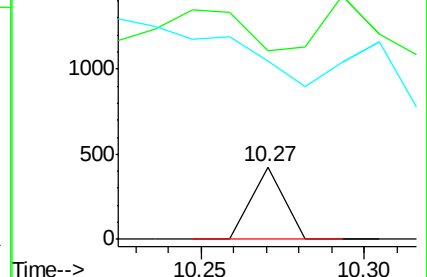
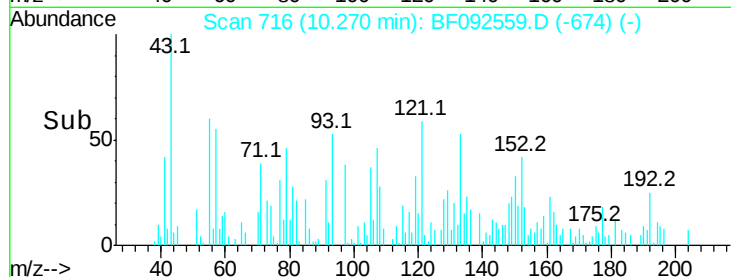
154 245.3 44.3 66.5#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.52 min Scan# 825

Delta R.T. -0.01 min

Lab File: BF092559.D

Acq: 27 Jan 2017 7:00

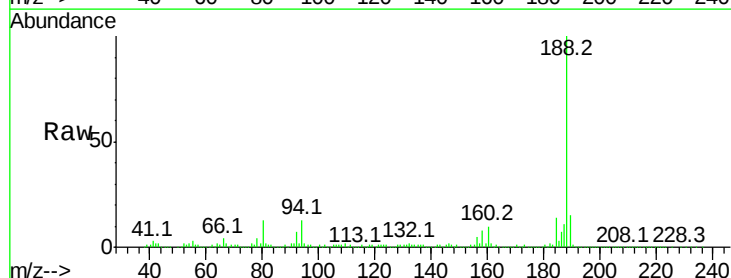
Tgt Ion:188 Resp: 602789

Ion Ratio Lower Upper

188 100

94 12.7 10.0 15.0

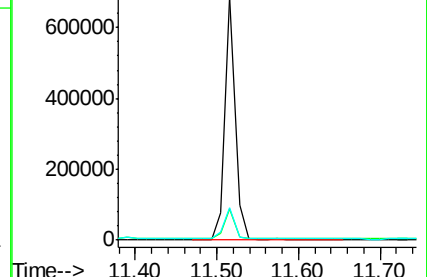
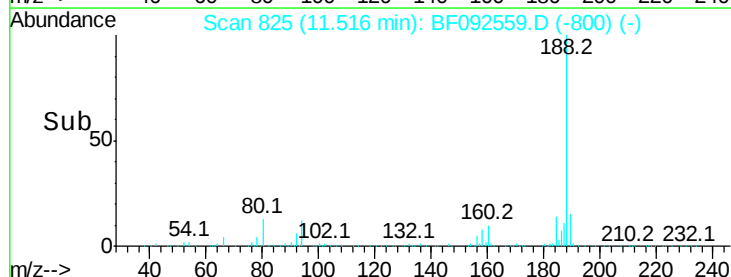
80 13.2 11.2 16.8

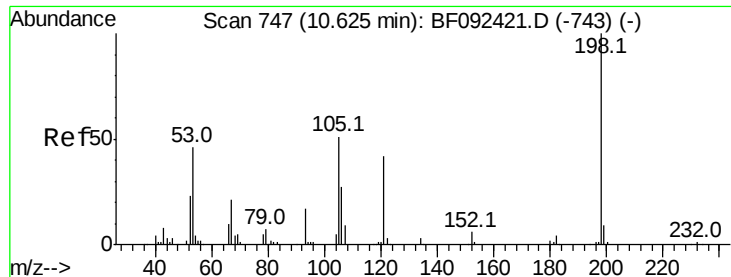


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 5.12 ng

RT: 10.65 min Scan# 749

Delta R.T. 0.02 min

Lab File: BF092559.D

Acq: 27 Jan 2017 7:00

Instrument :

BNA_F

ClientSampled :

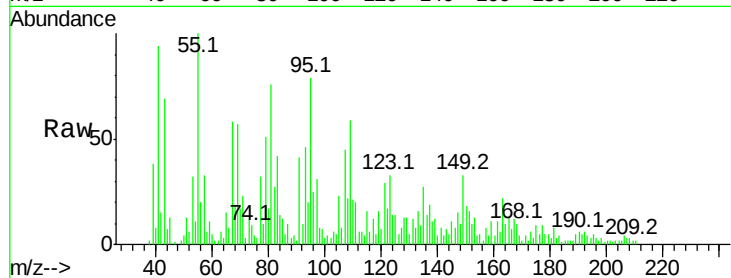
Tot Ion:198 Resp: 612

Ion Ratio Lower Upper

198 100

51 400.1 6.7 46.7#

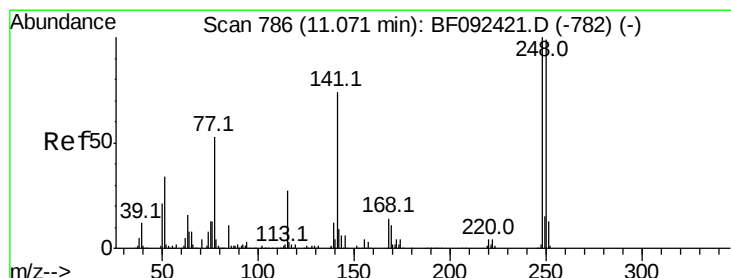
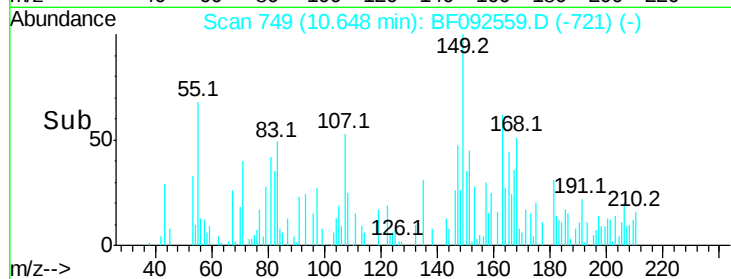
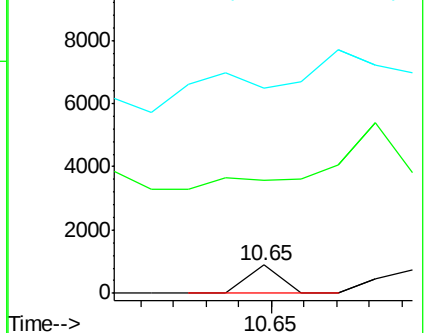
105 726.0 16.6 56.6#



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: 4.33 ng

RT: 10.82 min Scan# 764

Delta R.T. -0.25 min

Lab File: BF092559.D

Acq: 27 Jan 2017 7:00

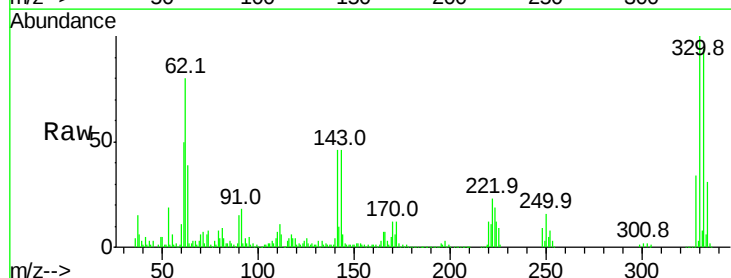
Tgt Ion:248 Resp: 26323

Ion Ratio Lower Upper

248 100

250 184.3 76.9 115.3#

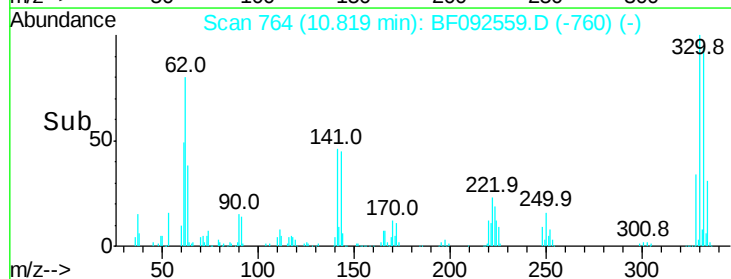
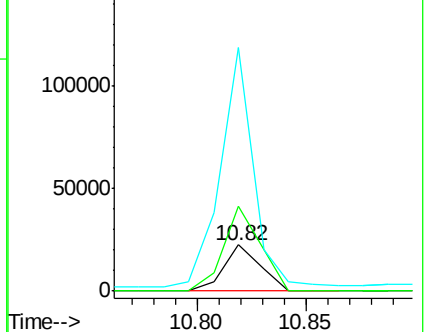
141 525.6 68.2 102.4#

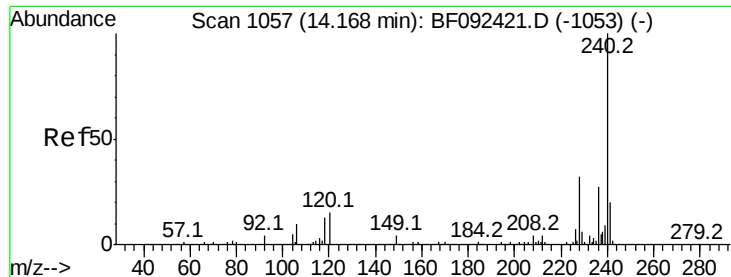


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.16 min Scan# 1056

Delta R.T. -0.01 min

Lab File: BF092559.D

Acq: 27 Jan 2017 7:00

Instrument :

BNA_F

ClientSampleId :

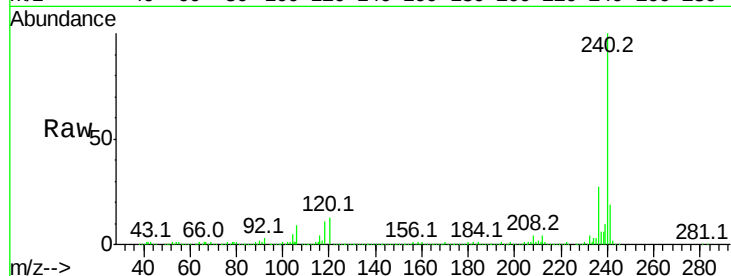
Tot Ion:240 Resp: 481204

Ion Ratio Lower Upper

240 100

120 13.3 12.9 19.3

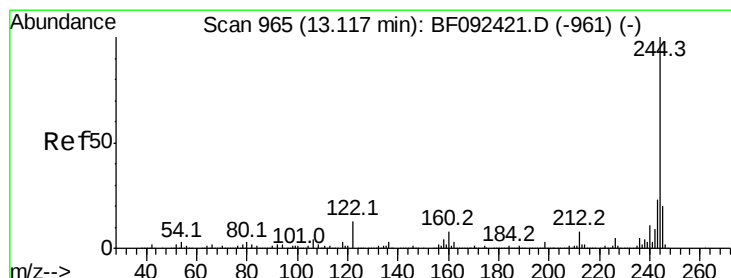
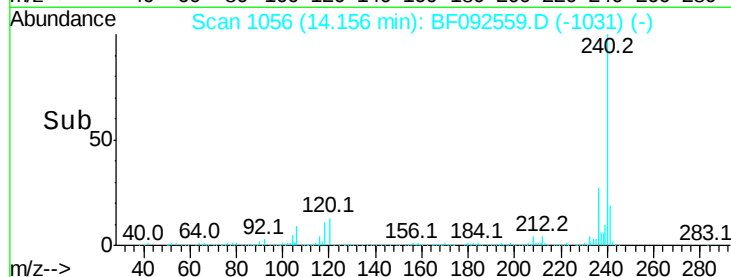
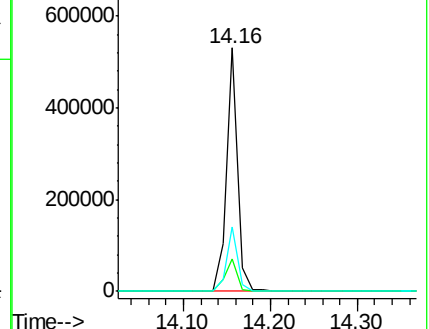
236 26.6 20.9 31.3



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: 94.14 ng

RT: 13.10 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF092559.D

Acq: 27 Jan 2017 7:00

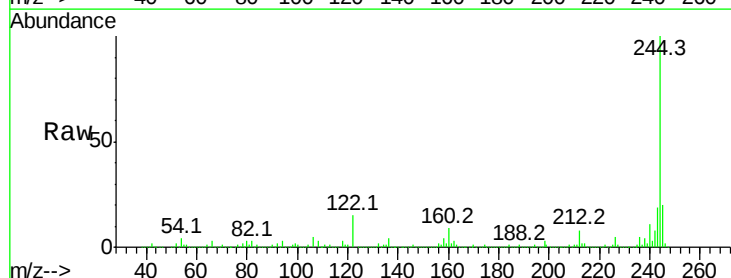
Tgt Ion:244 Resp: 1701170

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.2

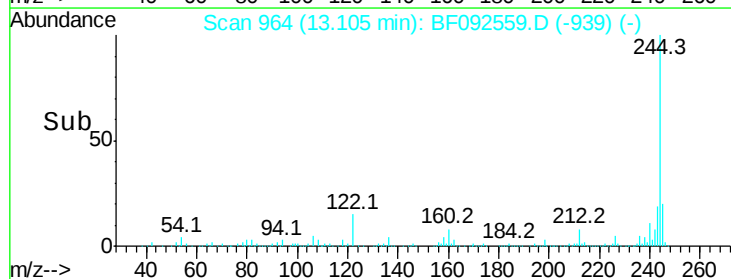
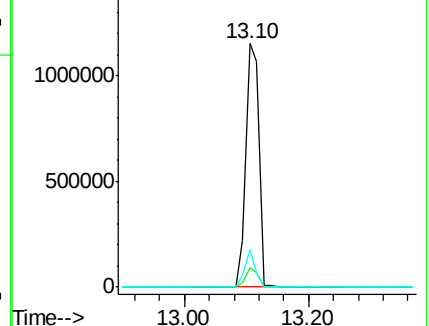
122 15.2 11.4 17.2

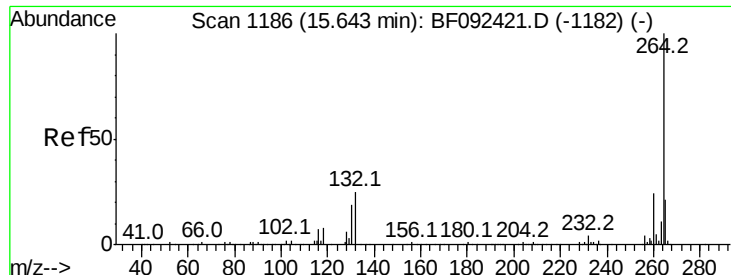


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

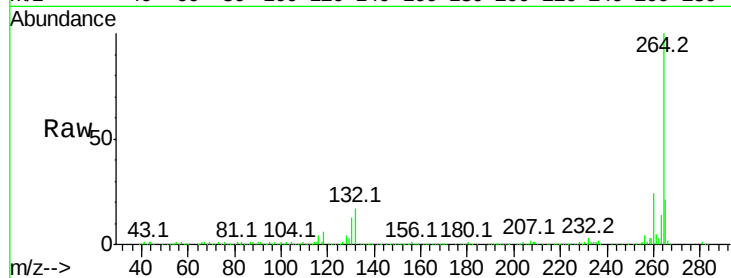




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.64 min Scan# 1186
Delta R.T. -0.00 min
Lab File: BF092559.D
Acq: 27 Jan 2017 7:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.2	17.4	26.0



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

