

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031517\
 Data File : BF093692.D
 Acq On : 16 Mar 2017 5:07
 Operator : SJ/MA
 Sample : PB97590BL
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97590BL

Quant Time: Mar 16 05:42:31 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 13 15:05:08 2017
 Response via : Initial Calibration

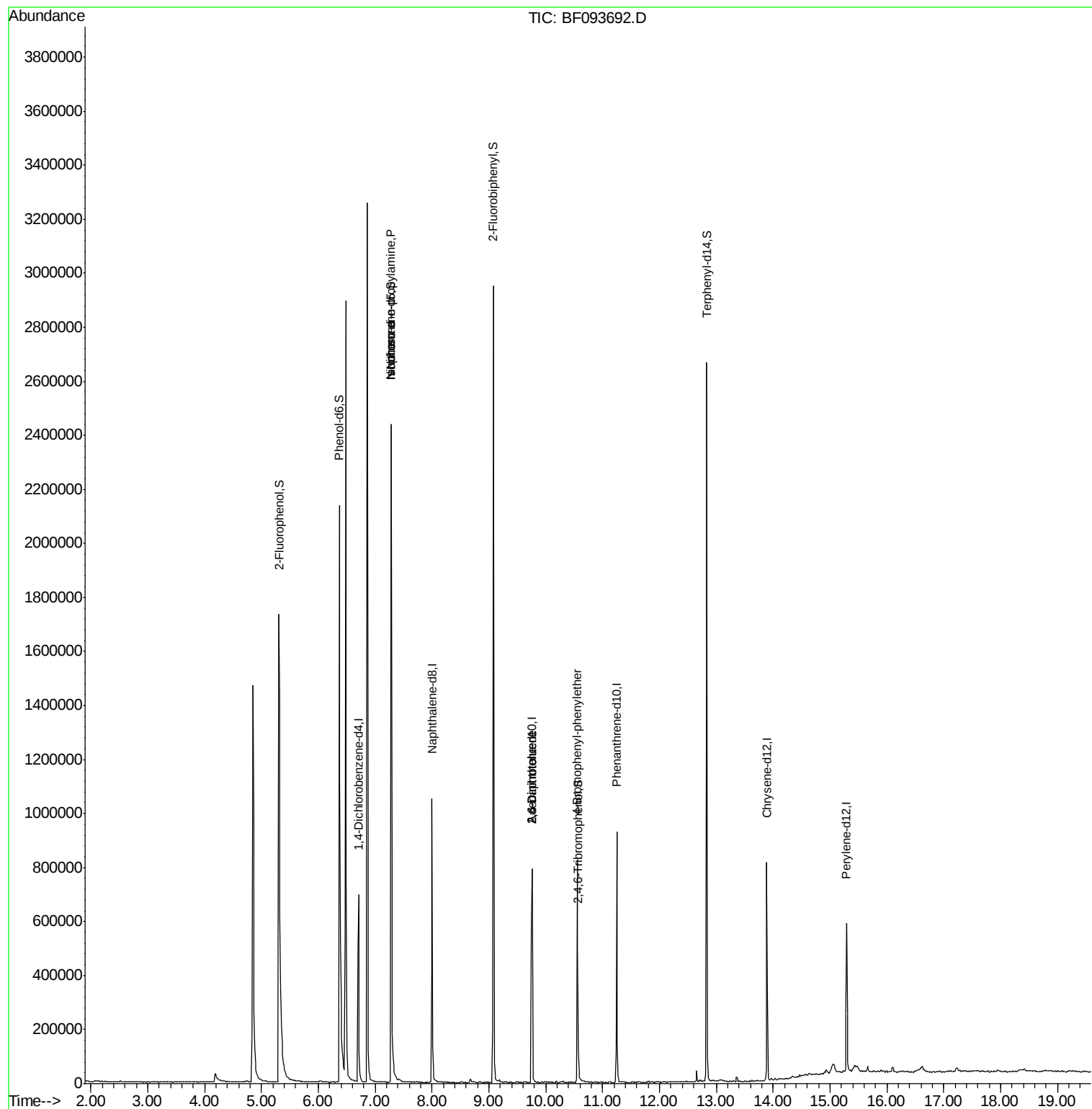
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	146733	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	551195	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	208981	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	337321	20.00	ng	0.00
75) Chrysene-d12	13.89	240	309974	20.00	ng	0.00
86) Perylene-d12	15.29	264	251748	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	912213	103.47	ng	-0.01
7) Phenol-d6	6.37	99	1118784	100.63	ng	-0.01
23) Nitrobenzene-d5	7.28	82	880975	88.68	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	109022	80.07	ng	0.01
44) 2-Fluorobiphenyl	9.08	172	1321575	117.63	ng	-0.01
78) Terphenyl-d14	12.84	244	962393	80.72	ng	0.01
Target Compounds						
9) Benzaldehyde	6.37	77	2812	Below Cal	#	27
19) n-Nitroso-di-n-propylamine	7.28	70	116097	15.19	ng	# 86
25) Isophorone	7.28	82	860073	42.93	ng	# 65
50) 2,6-Dinitrotoluene	9.76	165	25810	8.49	ng	# 29
56) 2,4-Dinitrotoluene	9.76	165	25810	6.91	ng	# 18
66) 4-Bromophenyl-phenylether	10.55	248	8208	2.30	ng	# 1

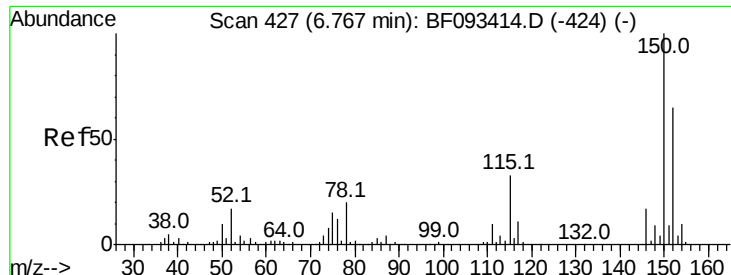
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.71 min Scan# 422

Delta R.T. -0.01 min

Lab File: BF093692.D

Acq: 16 Mar 2017 5:07

Instrument :

BNA_F

ClientSampleId :

PB97590BL

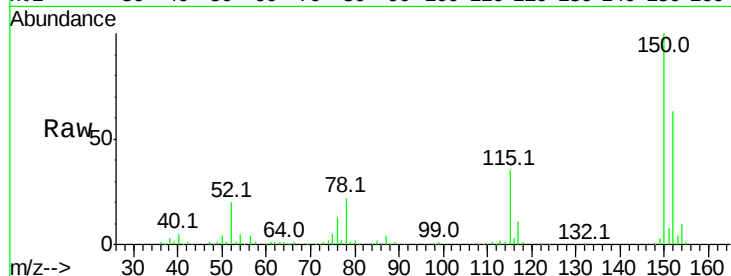
Tot Ion:152 Resp: 146733

Ion Ratio Lower Upper

152 100

150 159.4 124.9 187.3

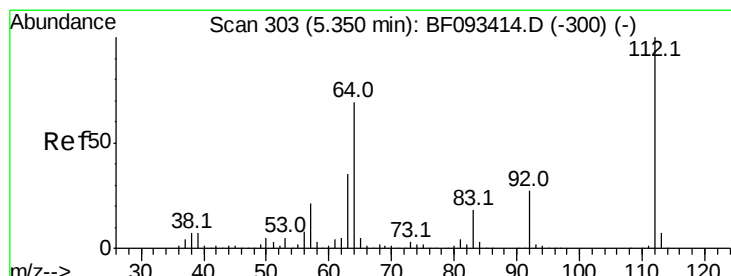
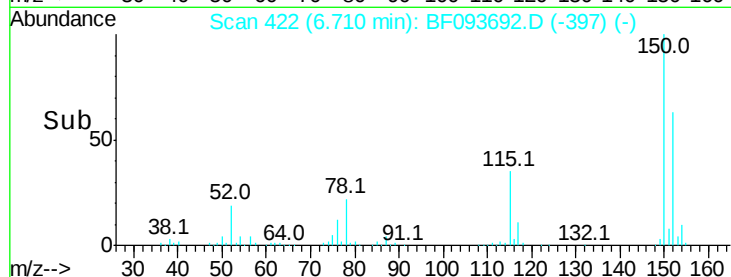
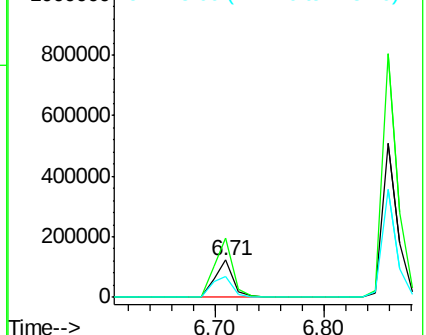
115 56.3 46.0 69.0



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: 103.47 ng

RT: 5.30 min Scan# 299

Delta R.T. -0.01 min

Lab File: BF093692.D

Acq: 16 Mar 2017 5:07

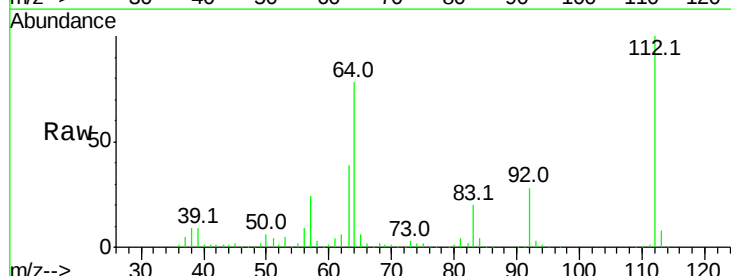
Tgt Ion:112 Resp: 912213

Ion Ratio Lower Upper

112 100

64 77.8 46.1 69.1#

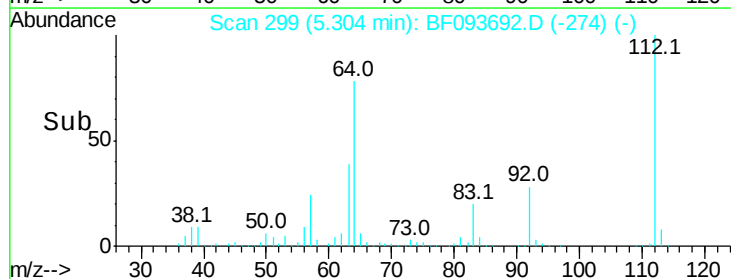
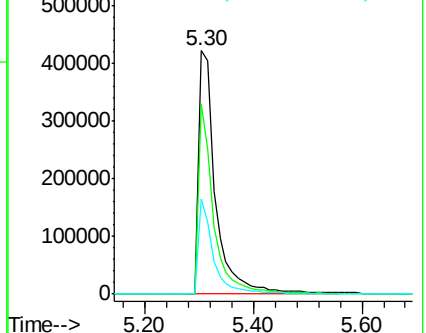
63 39.3 23.8 35.6#

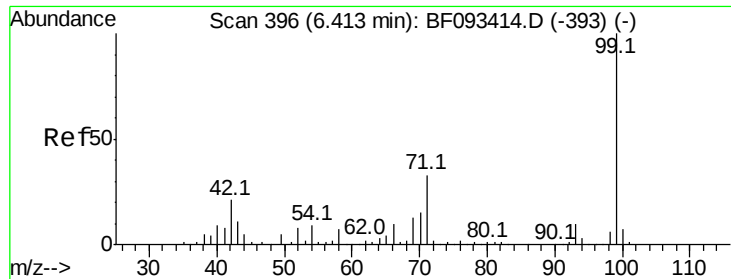


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 100.63 ng

RT: 6.37 min Scan# 392

Delta R.T. -0.01 min

Lab File: BF093692.D

Acq: 16 Mar 2017 5:07

Instrument :

BNA_F

ClientSampleId :

PB97590BL

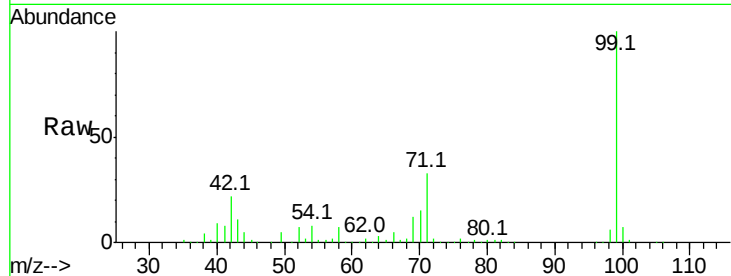
Tot Ion: 99 Resp: 1118784

Ion Ratio Lower Upper

99 100

42 21.5 15.6 23.4

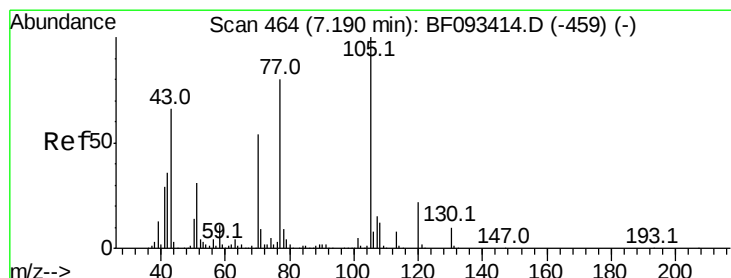
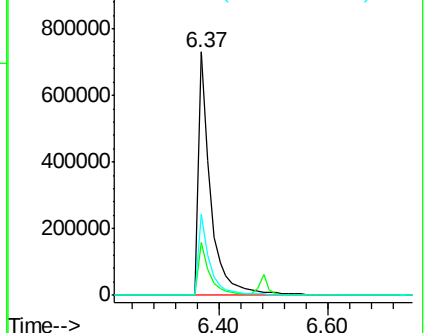
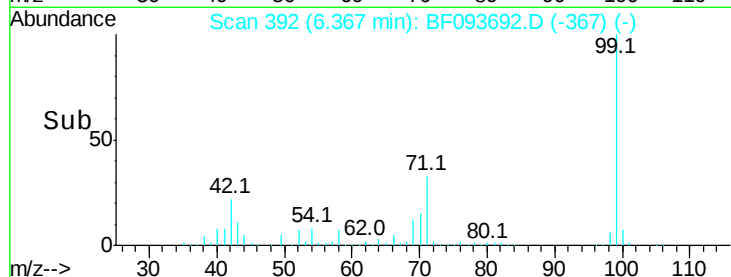
71 33.4 27.5 41.3



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: 15.19 ng

RT: 7.28 min Scan# 472

Delta R.T. 0.14 min

Lab File: BF093692.D

Acq: 16 Mar 2017 5:07

Tgt Ion: 70 Resp: 116097

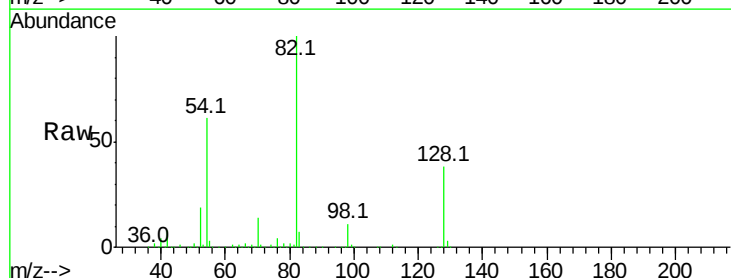
Ion Ratio Lower Upper

70 100

42 56.8 49.4 74.0

101 0.0 7.4 11.2#

130 1.8 14.2 21.4#

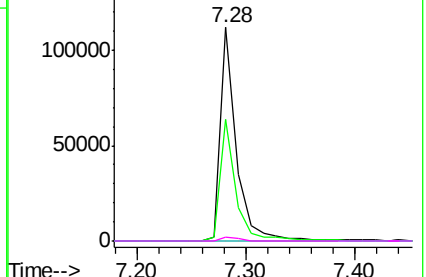
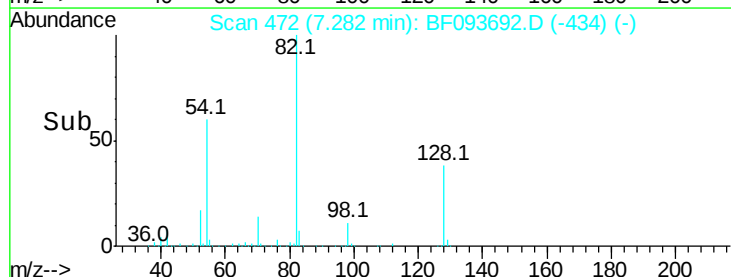


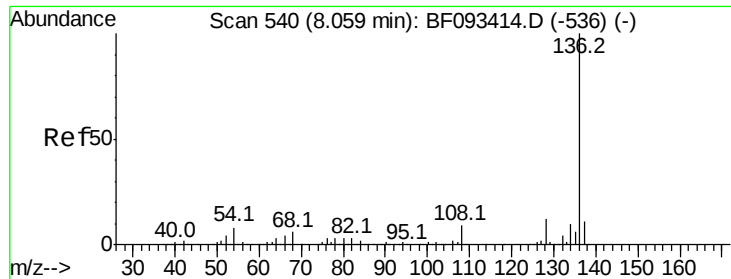
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 8.00 min Scan# 535

Delta R.T. -0.01 min

Lab File: BF093692.D

Acq: 16 Mar 2017 5:07

Instrument :

BNA_F

ClientSampleId :

PB97590BL

Tot Ion:136 Resp: 551195

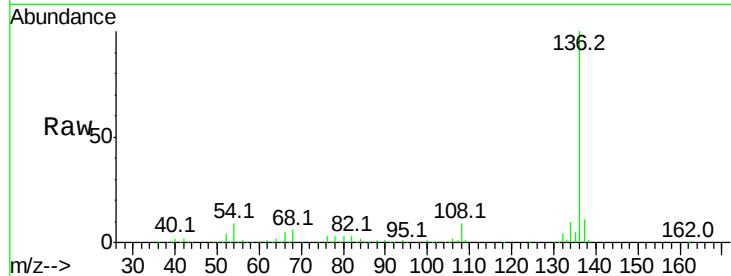
Ion Ratio Lower Upper

136 100

137 10.6 8.4 12.6

54 8.7 4.5 6.7#

68 6.2 3.6 5.4#

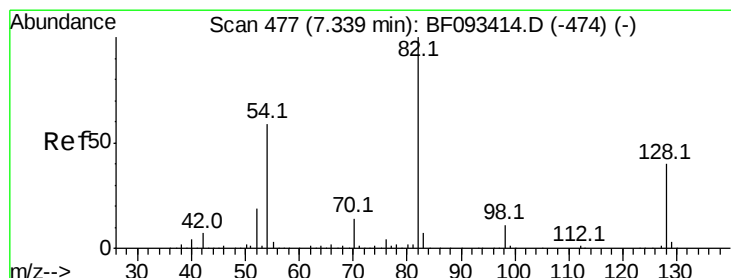
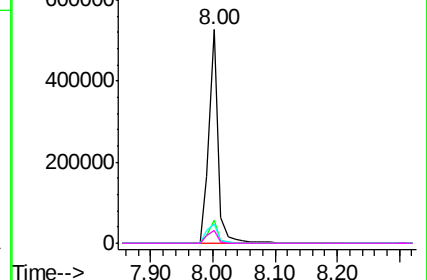
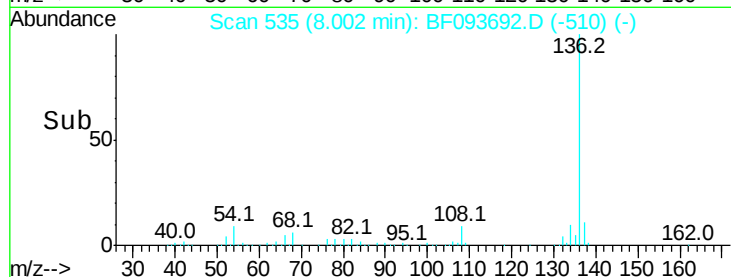


Abundance Ion 136.00 (135.70 to 136.70): E

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: 88.68 ng

RT: 7.28 min Scan# 472

Delta R.T. -0.02 min

Lab File: BF093692.D

Acq: 16 Mar 2017 5:07

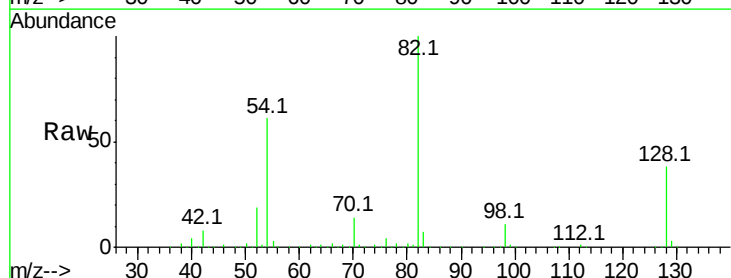
Tgt Ion: 82 Resp: 880975

Ion Ratio Lower Upper

82 100

128 38.3 34.6 52.0

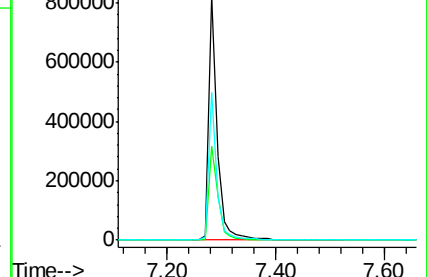
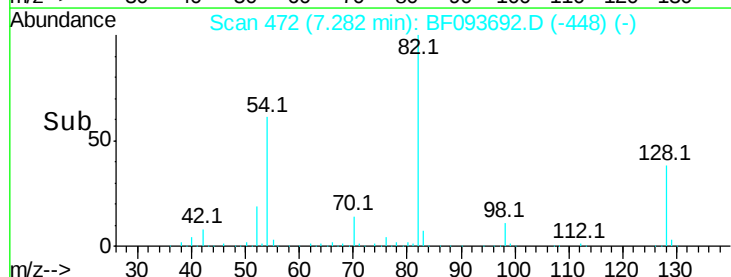
54 60.6 39.5 59.3#

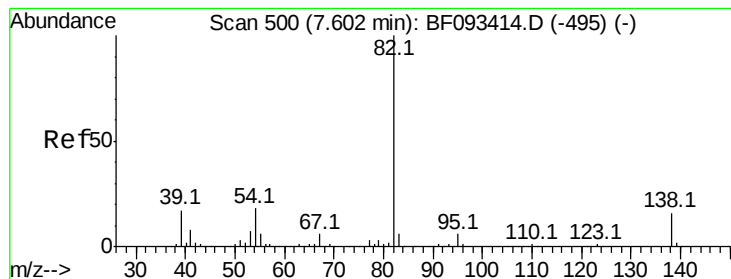


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 42.93 ng

RT: 7.28 min Scan# 472

Delta R.T. -0.27 min

Lab File: BF093692.D

Acq: 16 Mar 2017 5:07

Instrument :

BNA_F

ClientSampleId :

PB97590BL

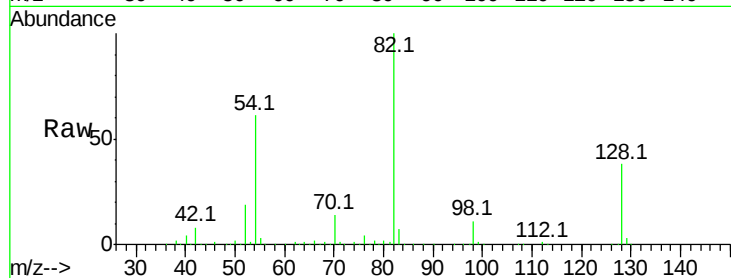
Tot Ion: 82 Resp: 860073

Ion Ratio Lower Upper

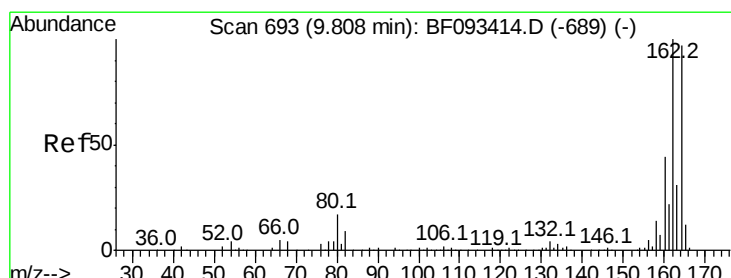
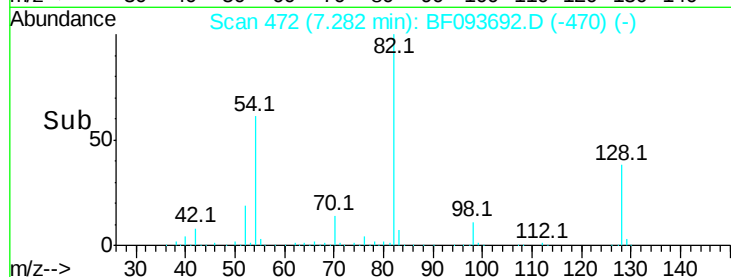
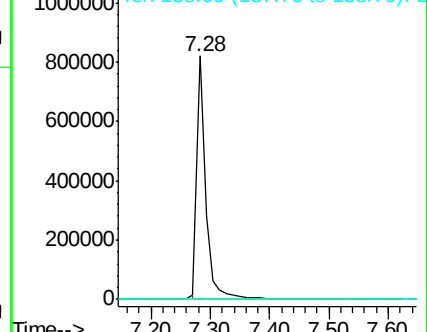
82 100

95 0.0 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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.76 min Scan# 689

Delta R.T. 0.00 min

Lab File: BF093692.D

Acq: 16 Mar 2017 5:07

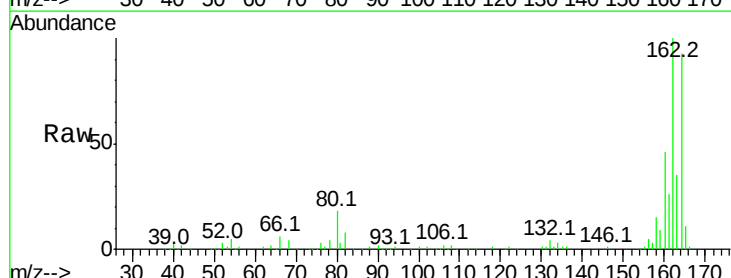
Tgt Ion:164 Resp: 208981

Ion Ratio Lower Upper

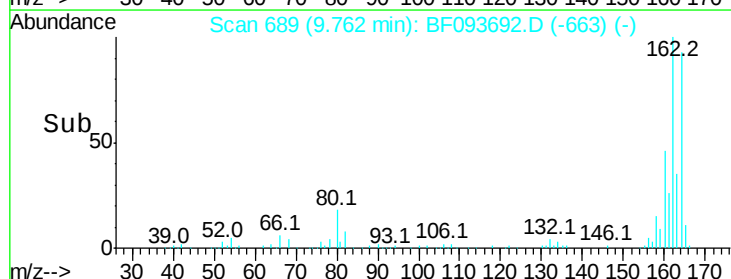
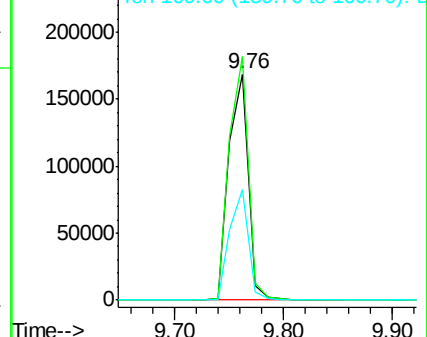
164 100

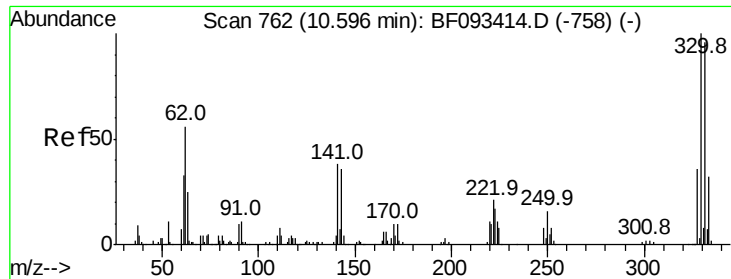
162 107.8 80.2 120.2

160 49.2 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

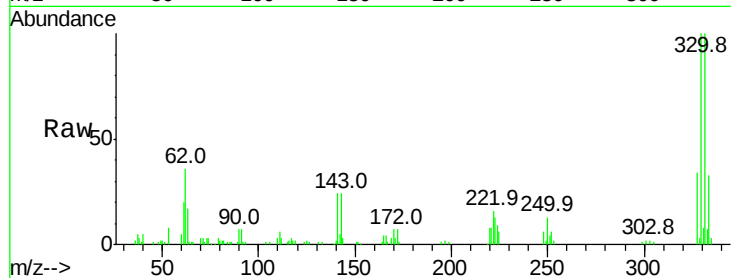




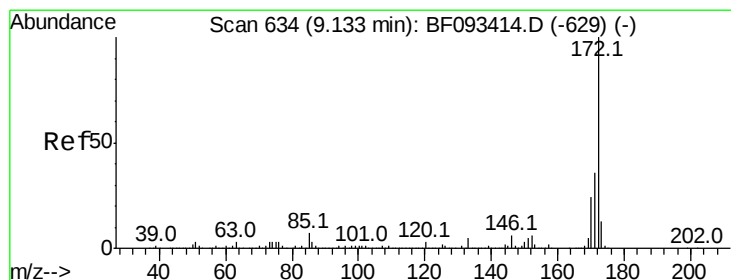
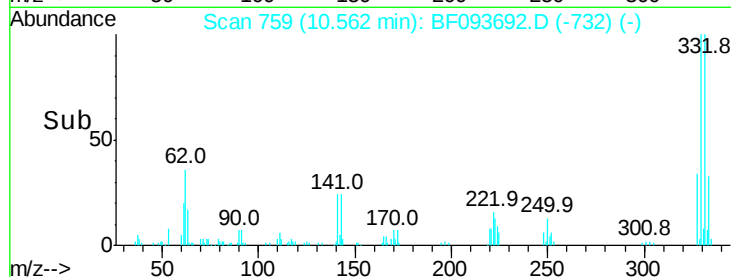
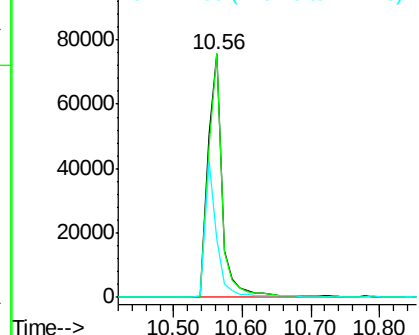
#41
 2,4,6-Tribromophenol
 Concen: 80.07 ng
 RT: 10.56 min Scan# 759
 Delta R.T. 0.01 min
 Lab File: BF093692.D
 Acq: 16 Mar 2017 5:07

Instrument :
 BNA_F
 ClientSampleId :
 PB97590BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.4	116.2
141	44.7	34.1	51.1

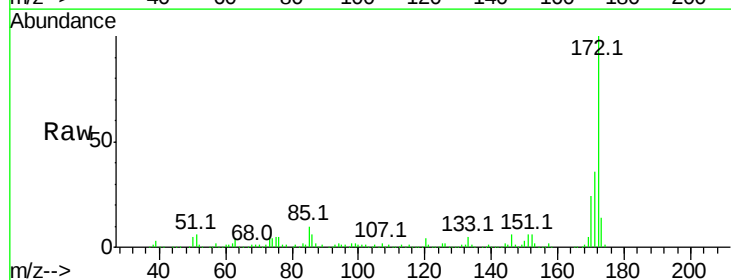


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

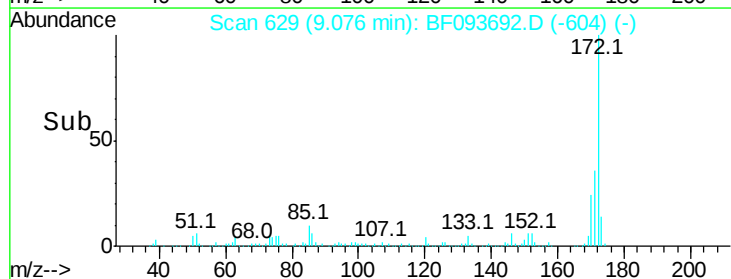
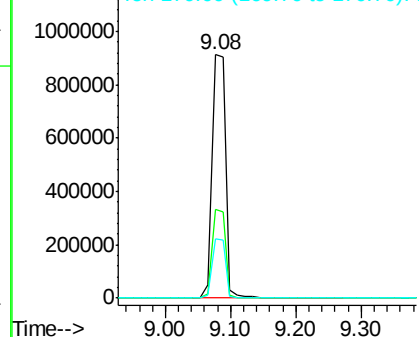


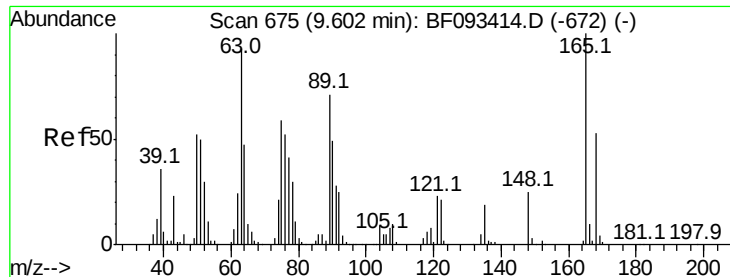
#44
 2-Fluorobiphenyl
 Concen: 117.63 ng
 RT: 9.08 min Scan# 629
 Delta R.T. -0.01 min
 Lab File: BF093692.D
 Acq: 16 Mar 2017 5:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.4	44.0
170	24.3	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

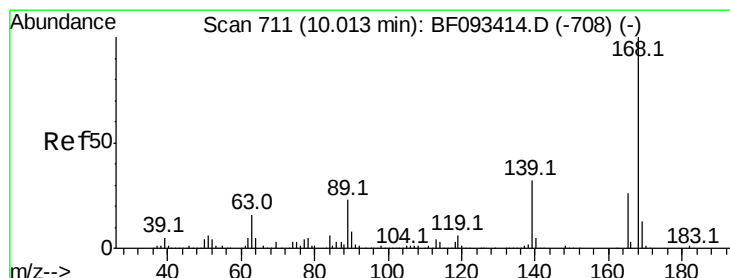
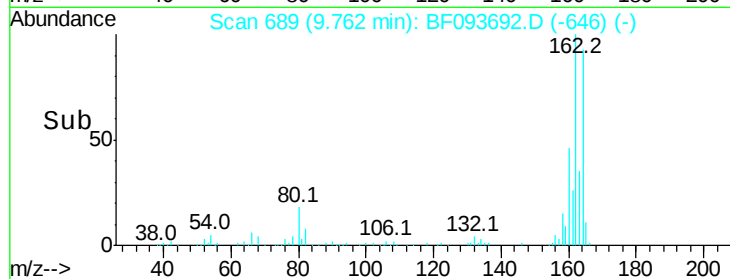
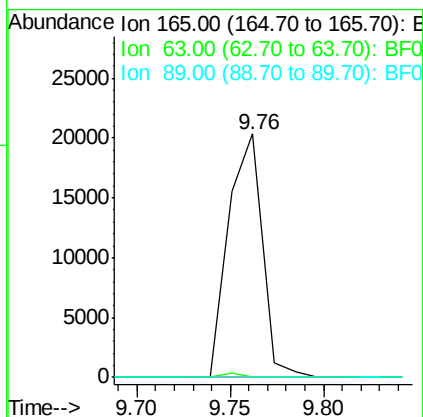
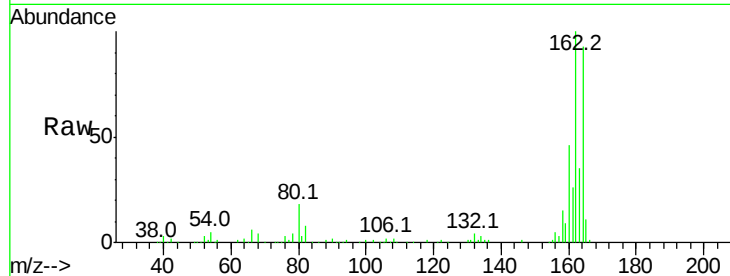




#50
2,6-Dinitrotoluene
Concen: 8.49 ng
RT: 9.76 min Scan# 689
Delta R.T. 0.19 min
Lab File: BF093692.D
Acq: 16 Mar 2017 5:07

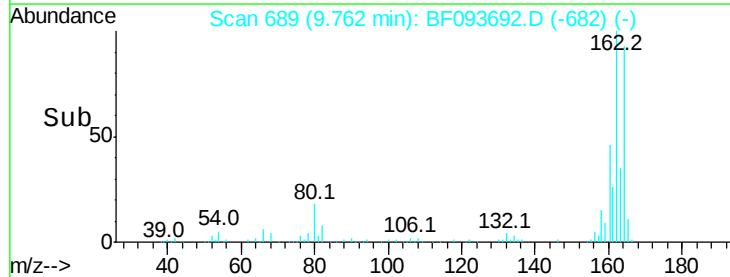
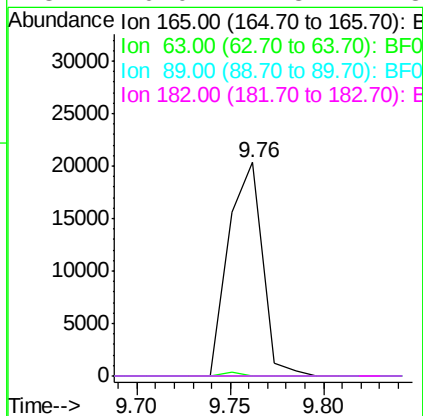
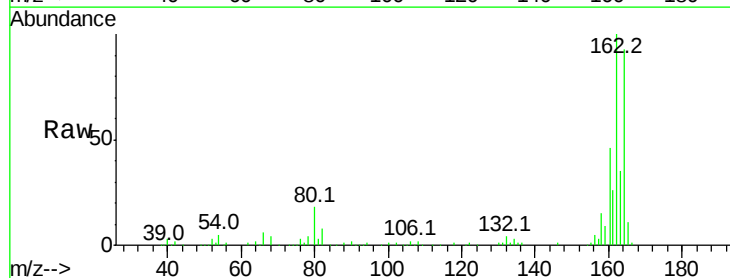
Instrument :
BNA_F
ClientSampled :
PB97590BL

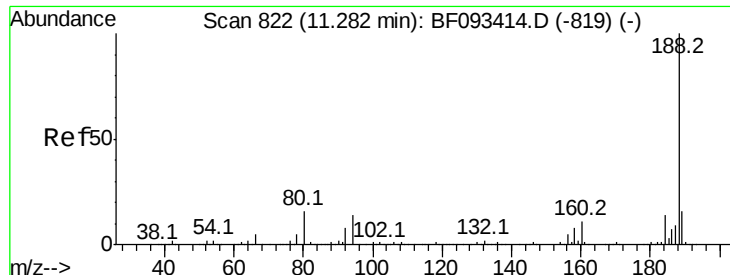
Tot Ion:165 Resp: 25810
Ion Ratio Lower Upper
165 100
63 0.0 36.2 54.4#
89 0.0 40.2 60.4#



#56
2,4-Dinitrotoluene
Concen: 6.91 ng
RT: 9.76 min Scan# 689
Delta R.T. -0.22 min
Lab File: BF093692.D
Acq: 16 Mar 2017 5:07

Tgt Ion:165 Resp: 25810
Ion Ratio Lower Upper
165 100
63 0.0 40.2 60.4#
89 0.0 62.5 93.7#
182 0.0 1.8 2.8#

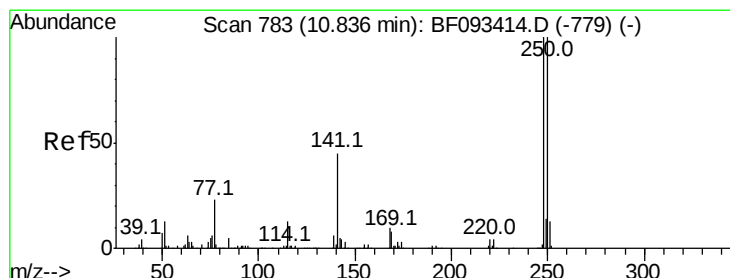
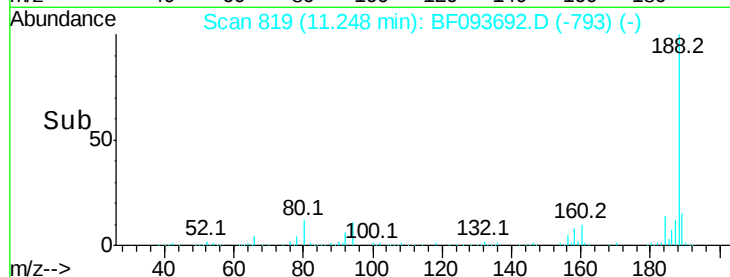
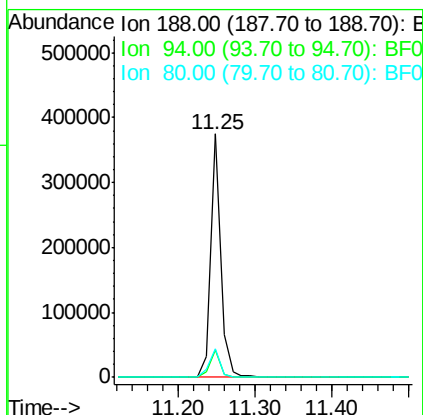
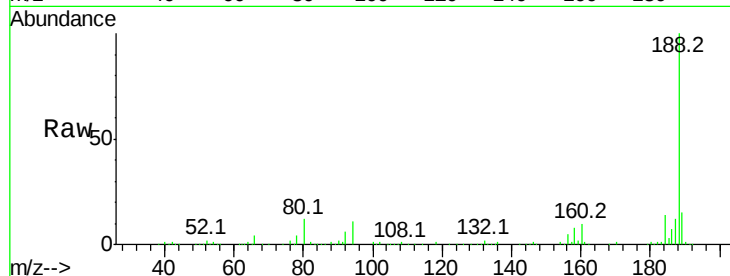




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.25 min Scan# 819
 Delta R.T. 0.00 min
 Lab File: BF093692.D
 Acq: 16 Mar 2017 5:07

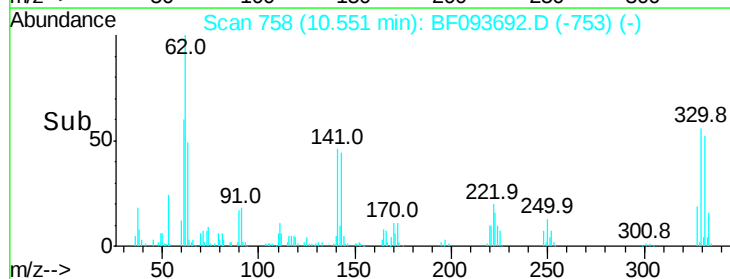
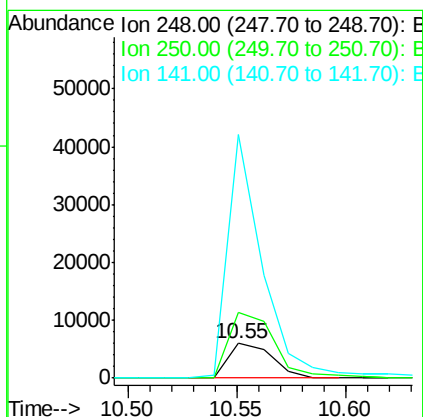
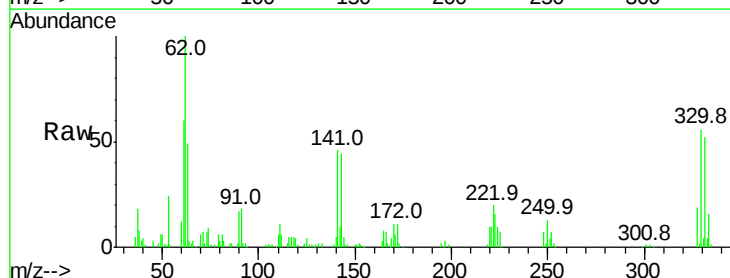
Instrument :
 BNA_F
 ClientSampleId :
 PB97590BL

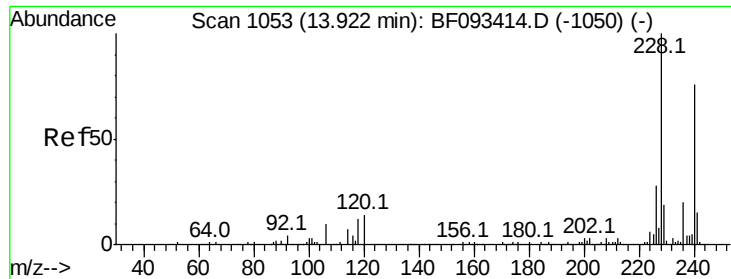
Tot Ion:188 Resp: 337321
 Ion Ratio Lower Upper
 188 100
 94 11.0 10.0 15.0
 80 11.9 11.2 16.8



#66
 4-Bromophenyl-phenylether
 Concen: 2.30 ng
 RT: 10.55 min Scan# 758
 Delta R.T. -0.24 min
 Lab File: BF093692.D
 Acq: 16 Mar 2017 5:07

Tgt Ion:248 Resp: 8208
 Ion Ratio Lower Upper
 248 100
 250 189.2 76.9 115.3#
 141 698.7 68.2 102.4#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.89 min Scan# 1050

Delta R.T. 0.00 min

Lab File: BF093692.D

Acq: 16 Mar 2017 5:07

Instrument :

BNA_F

ClientSampleId :

PB97590BL

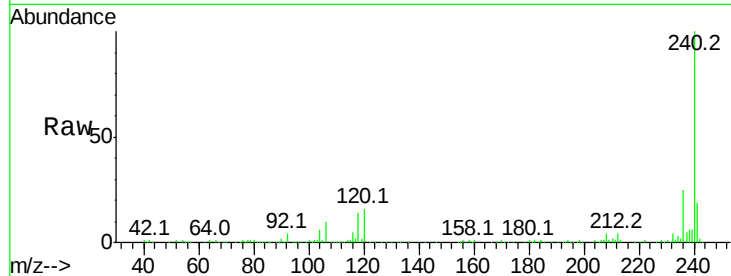
Tot Ion:240 Resp: 309974

Ion Ratio Lower Upper

240 100

120 16.1 12.9 19.3

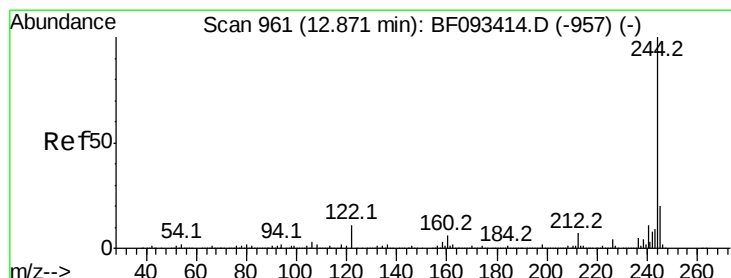
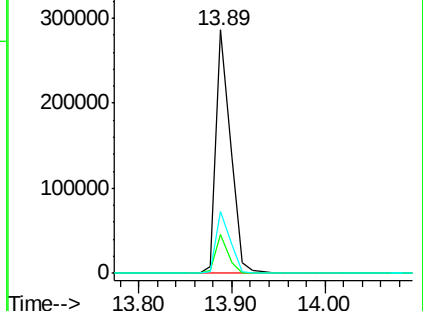
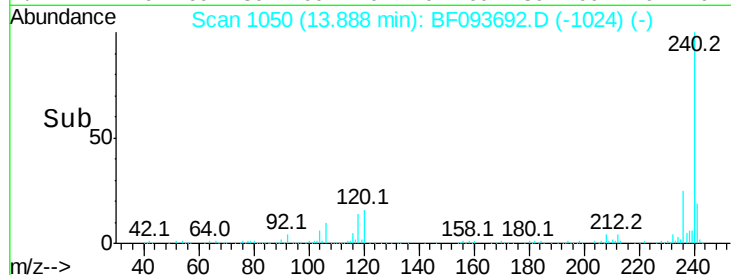
236 25.5 20.9 31.3



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: 80.72 ng

RT: 12.84 min Scan# 958

Delta R.T. 0.01 min

Lab File: BF093692.D

Acq: 16 Mar 2017 5:07

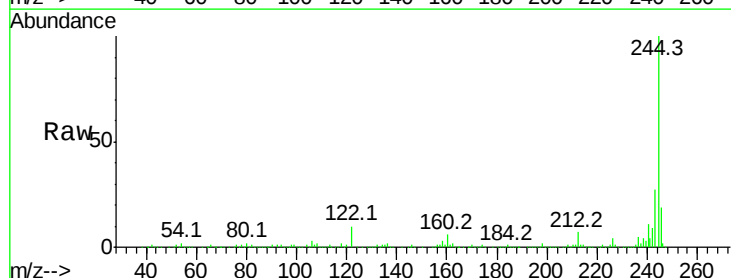
Tgt Ion:244 Resp: 962393

Ion Ratio Lower Upper

244 100

212 7.3 6.2 9.2

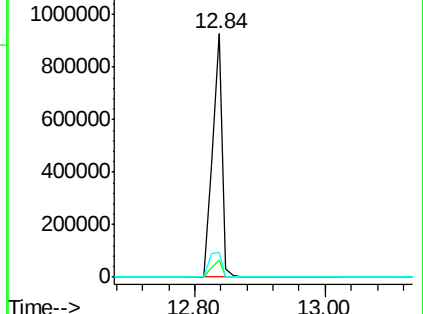
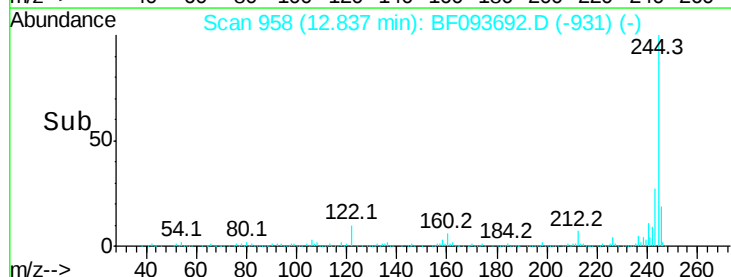
122 10.0 11.4 17.2#

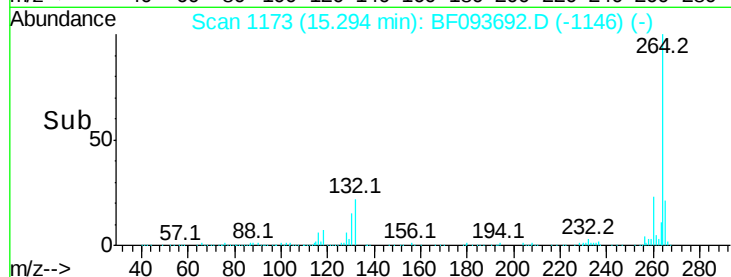
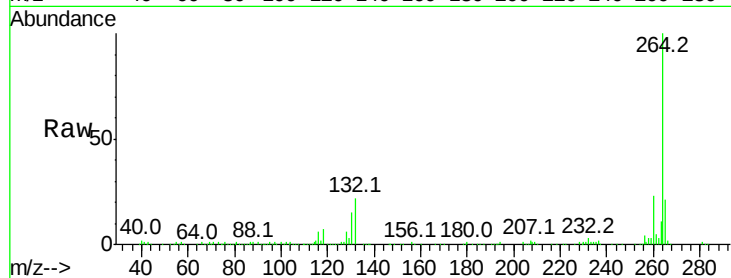
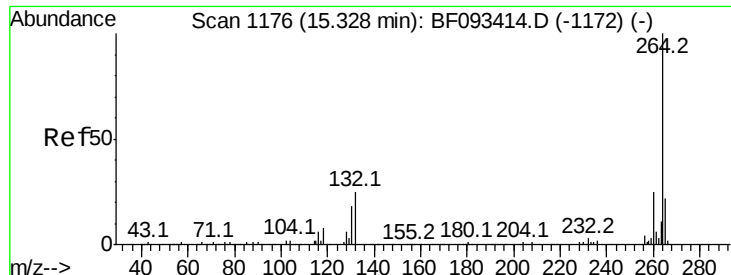


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.29 min Scan# 1173
Delta R.T. 0.01 min
Lab File: BF093692.D
Acq: 16 Mar 2017 5:07

Instrument :
BNA_F
ClientSampleId :
PB97590BL

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	20.8	17.4	26.0

