

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
 Data File : BF092560.D
 Acq On : 27 Jan 2017 7:27
 Operator : SJ/MA
 Sample : I1364-04
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 27 09:38:03 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

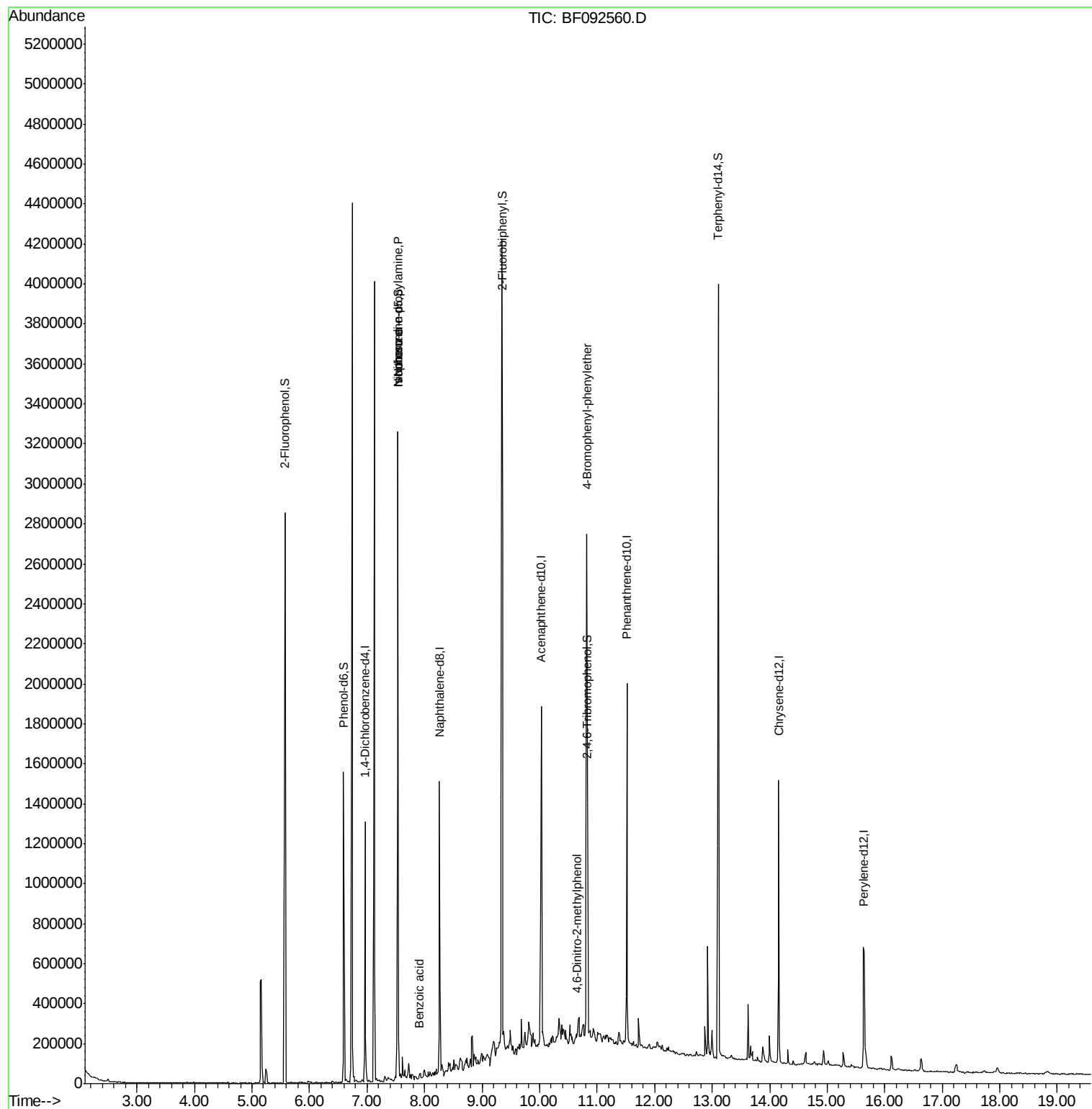
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	174398	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	680466	20.00	ng	-0.01
38) Acenaphthene-d10	10.03	164	400054	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	623239	20.00	ng	-0.01
75) Chrysene-d12	14.16	240	488114	20.00	ng	-0.01
86) Perylene-d12	15.64	264	344784	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	777589	69.37	ng	0.02
7) Phenol-d6	6.59	99	572415	40.09	ng	0.00
23) Nitrobenzene-d5	7.54	82	1188177	95.38	ng	0.00
41) 2,4,6-Tribromophenol	10.83	330	404525	148.38	ng	0.01
44) 2-Fluorobiphenyl	9.34	172	1962020	90.69	ng	-0.01
78) Terphenyl-d14	13.11	244	1763867	96.23	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.54	70	164754	16.94	ng	# 83
25) Isophorone	7.54	82	1145031	46.65	ng	# 65
32) Benzoic acid	7.92	122	1107	4.81	ng	# 53
64) 4,6-Dinitro-2-methylphenol	10.65	198	424	5.06	ng	# 1
66) 4-Bromophenyl-phenylether	10.82	248	27364	4.35	ng	# 1

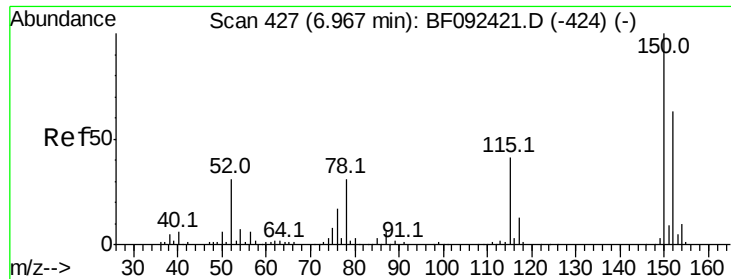
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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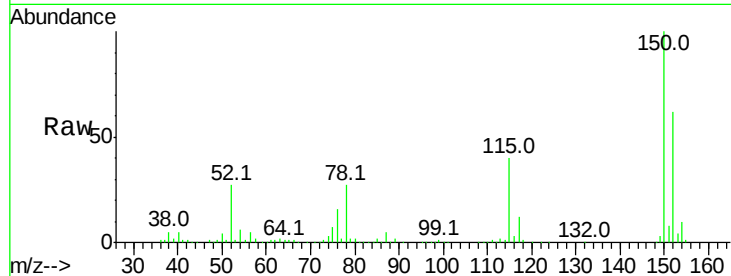


#1

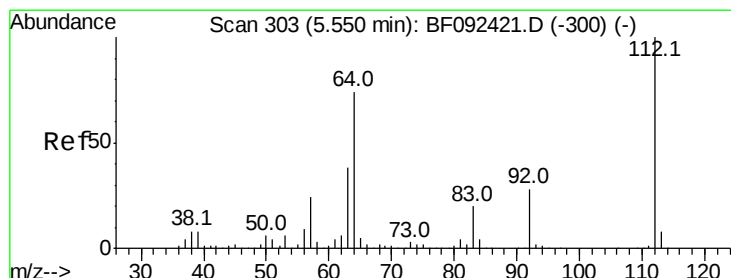
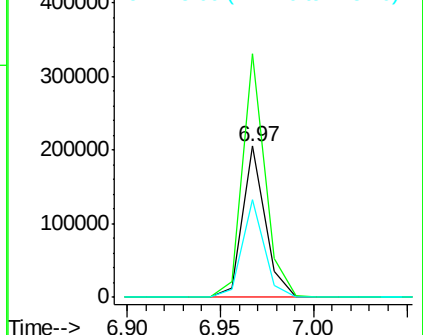
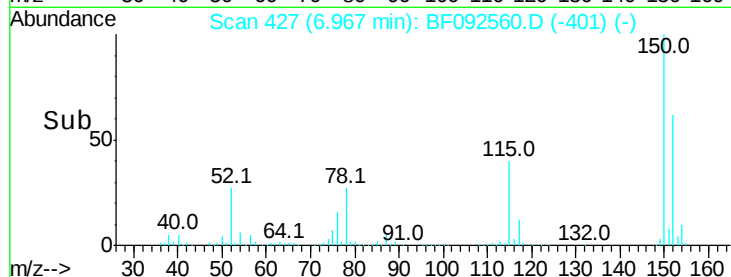
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.97 min Scan# 427
Delta R.T. 0.00 min
Lab File: BF092560.D
Acq: 27 Jan 2017 7:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.0	124.9	187.3
115	64.4	46.0	69.0



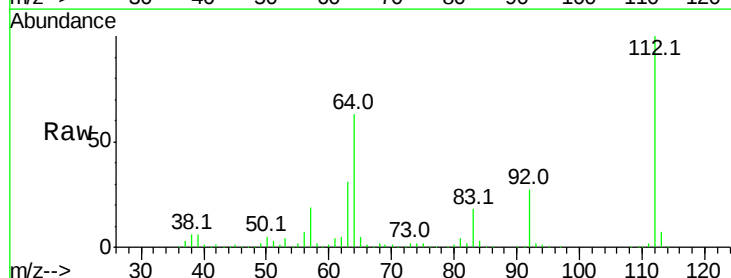
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



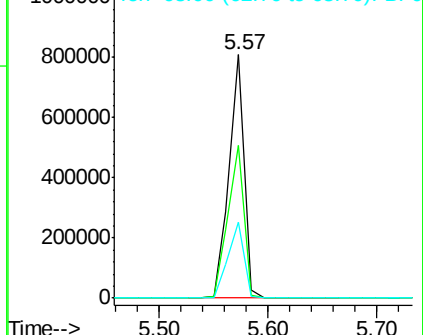
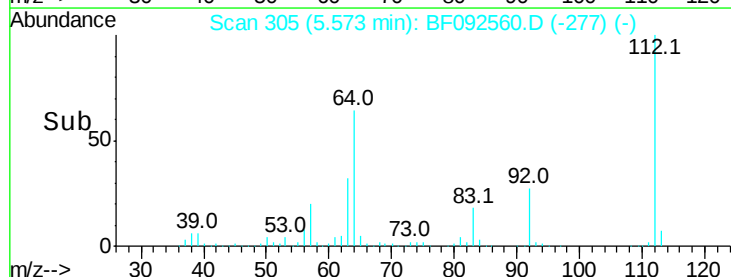
#5

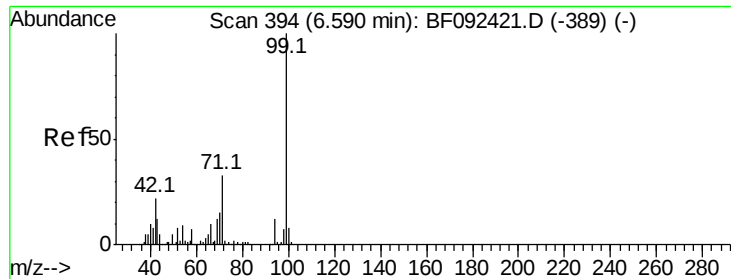
2-Fluorophenol
Concen: 69.37 ng
RT: 5.57 min Scan# 305
Delta R.T. 0.02 min
Lab File: BF092560.D
Acq: 27 Jan 2017 7:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.9	46.1	69.1
63	31.1	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: 40.09 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.00 min

Lab File: BF092560.D

Acq: 27 Jan 2017 7:27

Instrument :

BNA_F

ClientSampleId :

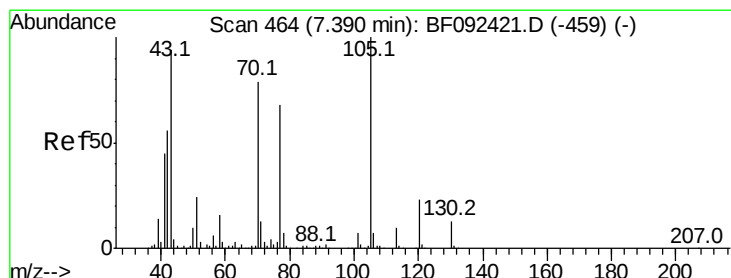
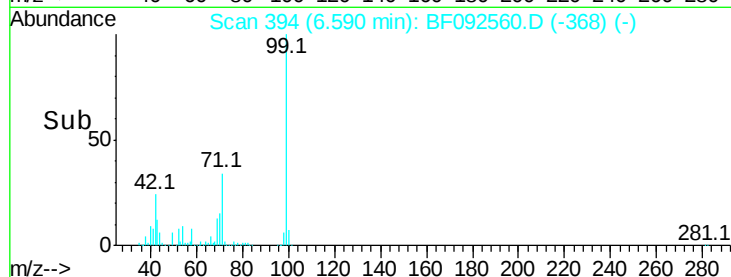
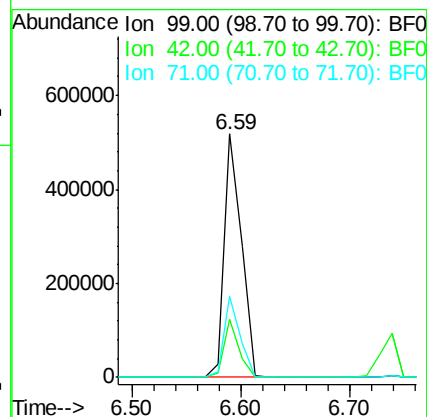
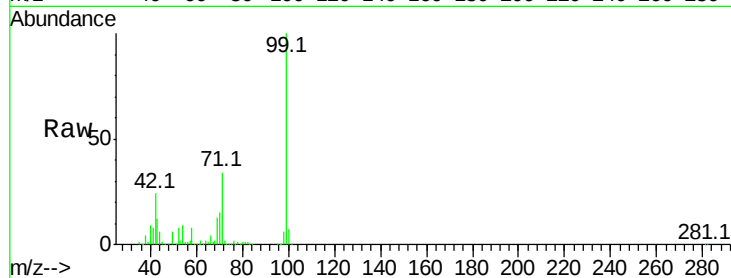
Tot Ion: 99 Resp: 572415

Ion Ratio Lower Upper

99 100

42 23.6 15.6 23.4#

71 33.5 27.5 41.3



#19

n-Nitroso-di-n-propylamine

Concen: 16.94 ng

RT: 7.54 min Scan# 477

Delta R.T. 0.15 min

Lab File: BF092560.D

Acq: 27 Jan 2017 7:27

Tgt Ion: 70 Resp: 164754

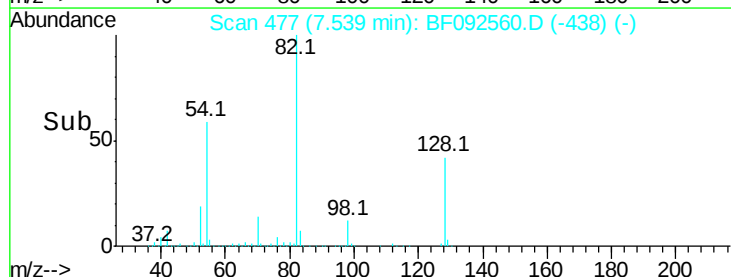
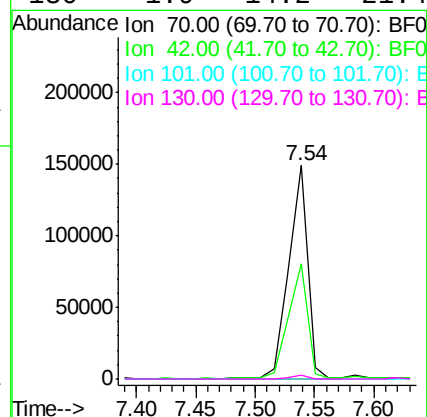
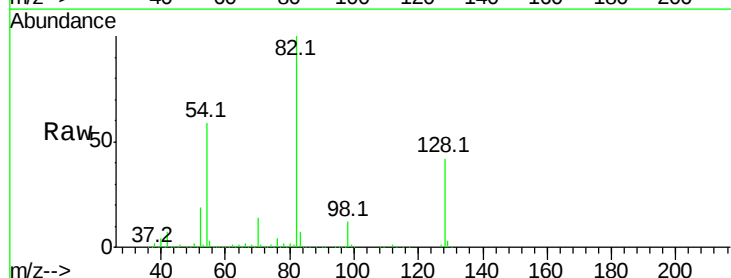
Ion Ratio Lower Upper

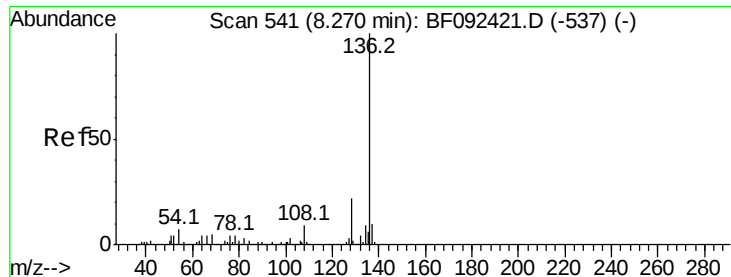
70 100

42 54.1 49.4 74.0

101 0.0 7.4 11.2#

130 1.9 14.2 21.4#

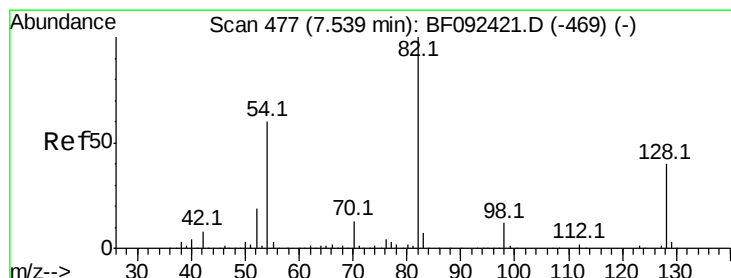
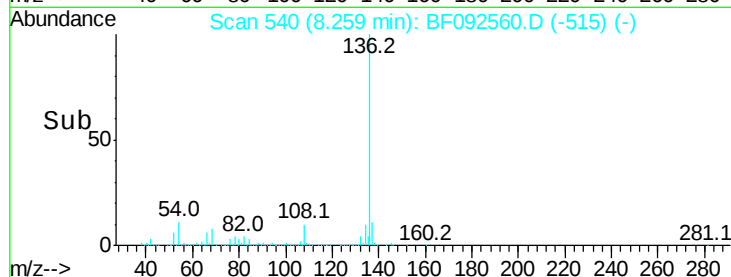
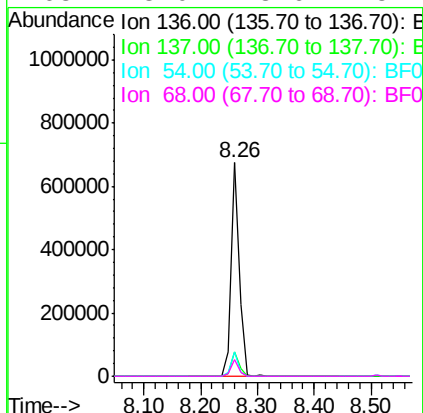
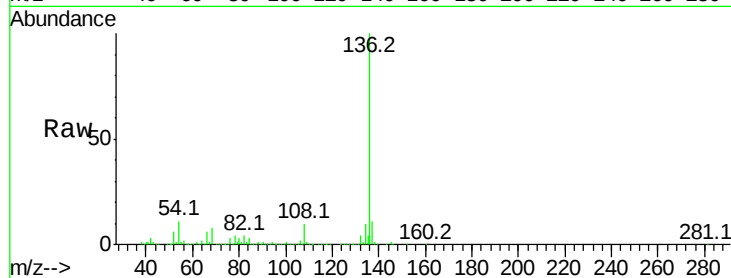




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.01 min
Lab File: BF092560.D
Acq: 27 Jan 2017 7:27

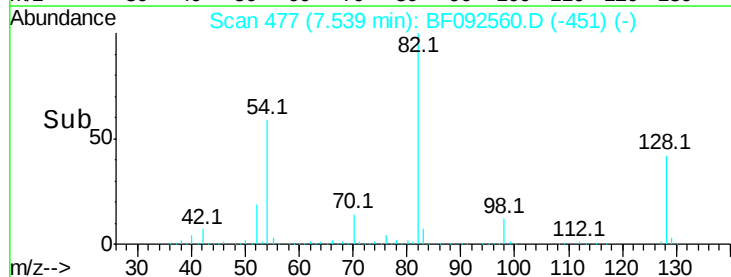
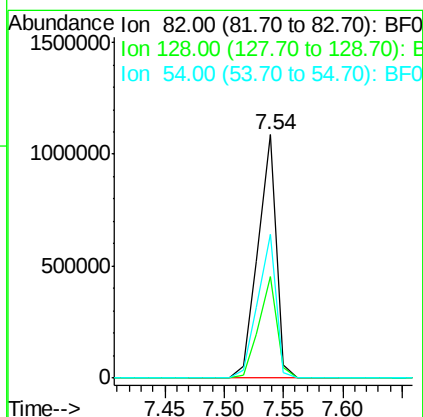
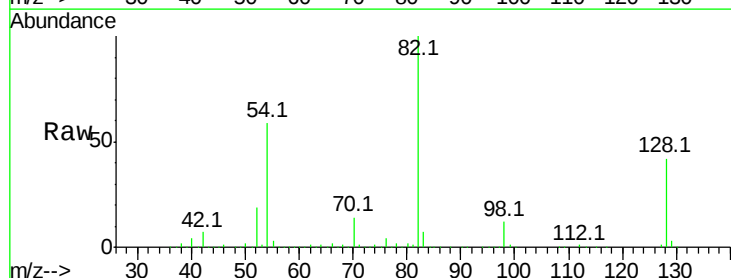
Instrument :
BNA_F
ClientSampleId :

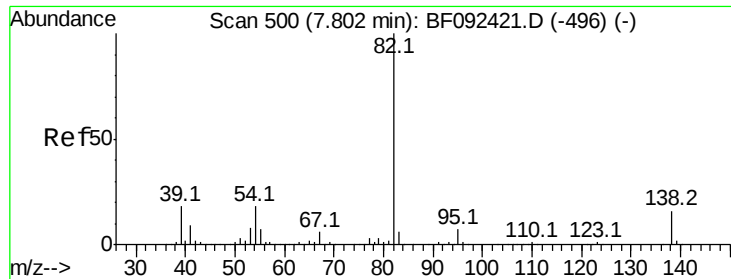
Tot Ion:	136	Resp:	680466
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.4	12.6
54	11.4	4.5	6.7#
68	8.0	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 95.38 ng
RT: 7.54 min Scan# 477
Delta R.T. -0.00 min
Lab File: BF092560.D
Acq: 27 Jan 2017 7:27

Tgt Ion:	82	Resp:	1188177
Ion	Ratio	Lower	Upper
82	100		
128	41.6	34.6	52.0
54	58.9	39.5	59.3





#25

Isophorone

Concen: 46.65 ng

RT: 7.54 min Scan# 477

Delta R.T. -0.26 min

Lab File: BF092560.D

Acq: 27 Jan 2017 7:27

Instrument :

BNA_F

ClientSampleId :

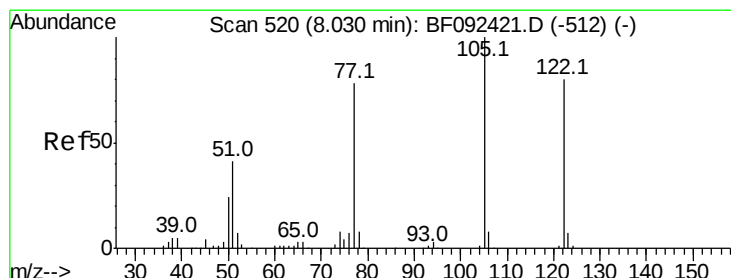
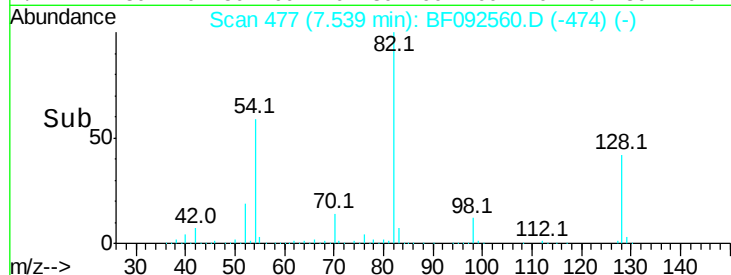
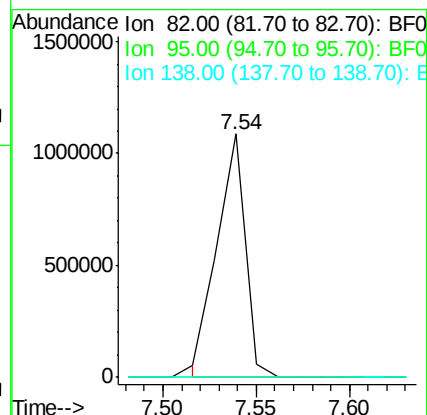
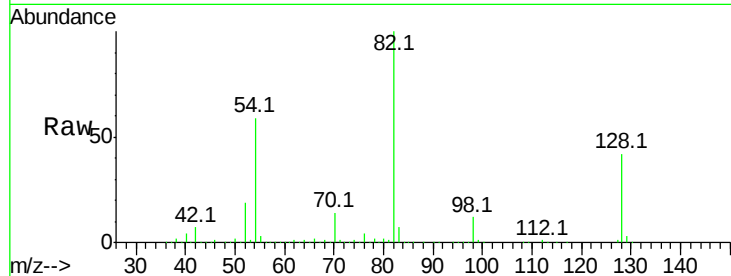
Tot Ion: 82 Resp: 1145031

Ion Ratio Lower Upper

82 100

95 0.1 5.6 8.4#

138 0.0 14.6 22.0#



#32

Benzoic acid

Concen: 4.81 ng

RT: 7.92 min Scan# 510

Delta R.T. -0.11 min

Lab File: BF092560.D

Acq: 27 Jan 2017 7:27

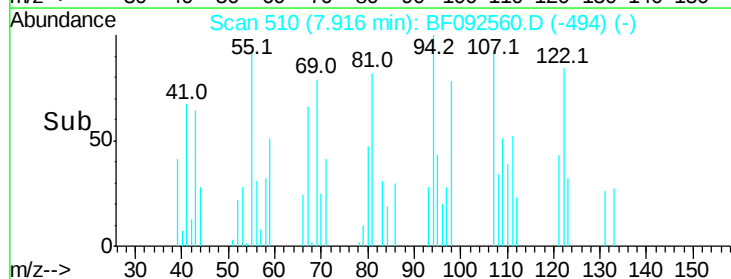
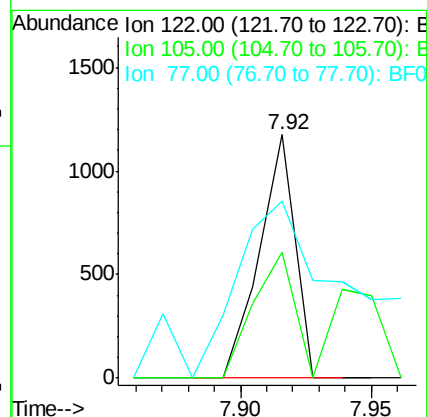
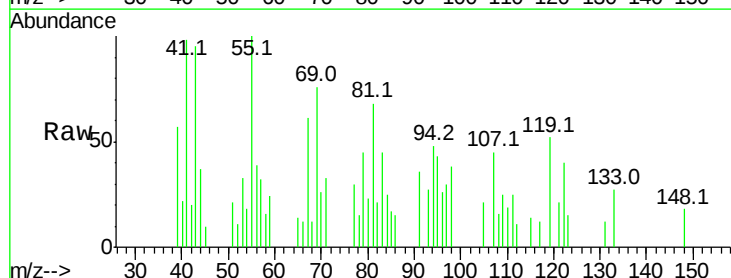
Tgt Ion:122 Resp: 1107

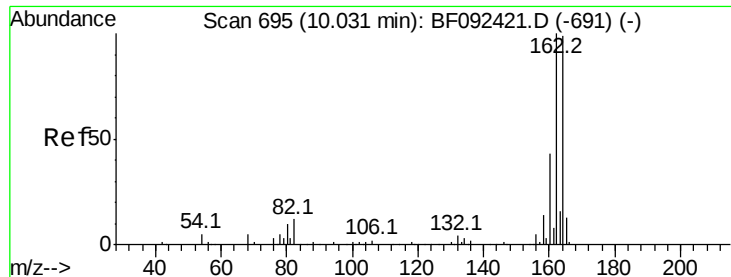
Ion Ratio Lower Upper

122 100

105 52.0 107.2 147.2#

77 72.9 74.5 114.5#

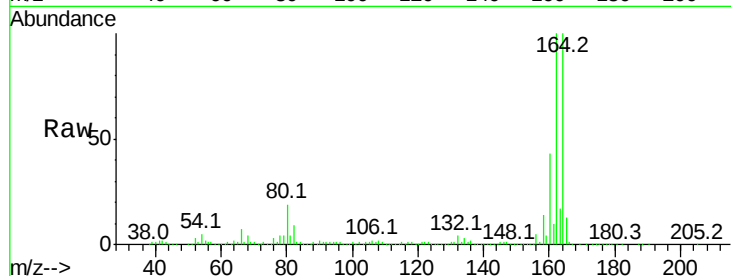




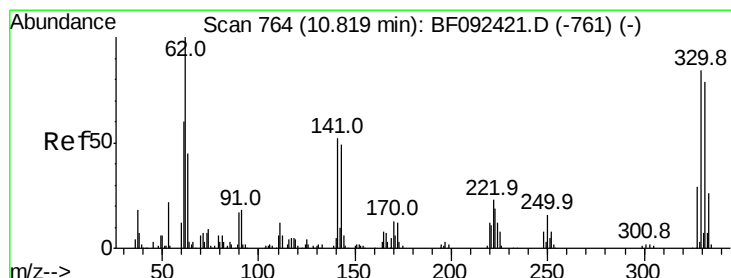
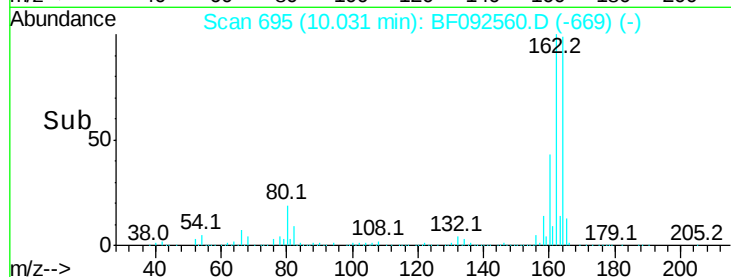
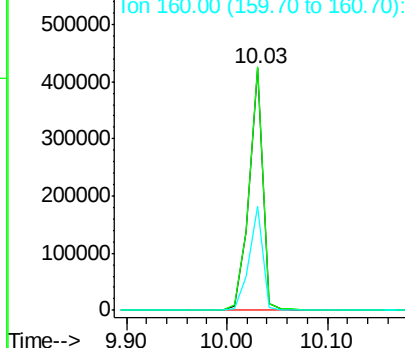
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.03 min Scan# 695
Delta R.T. 0.00 min
Lab File: BF092560.D
Acq: 27 Jan 2017 7:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 400054
Ion Ratio Lower Upper
164 100
162 100.5 80.2 120.2
160 43.1 36.9 55.3

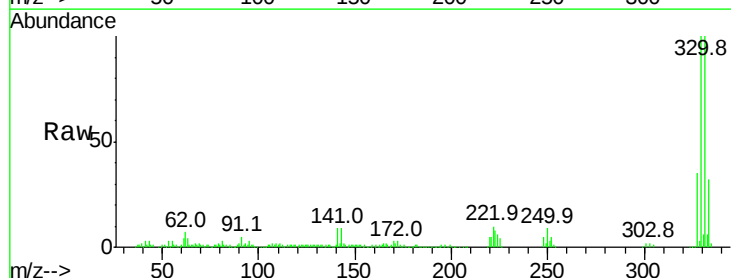


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

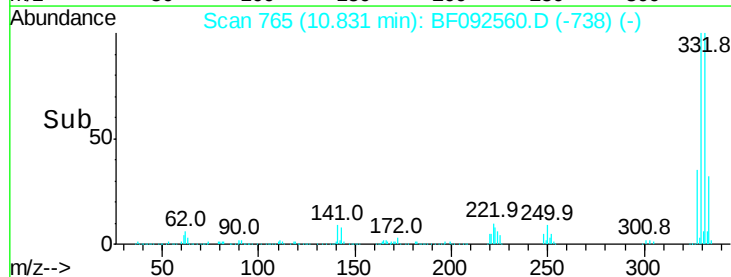
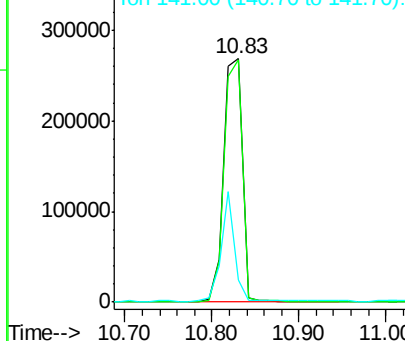


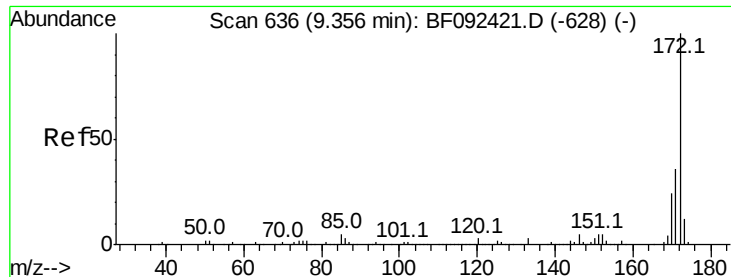
#41
2,4,6-Tribromophenol
Concen: 148.38 ng
RT: 10.83 min Scan# 765
Delta R.T. 0.01 min
Lab File: BF092560.D
Acq: 27 Jan 2017 7:27

Tgt Ion:330 Resp: 404525
Ion Ratio Lower Upper
330 100
332 98.1 77.4 116.2
141 33.1 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



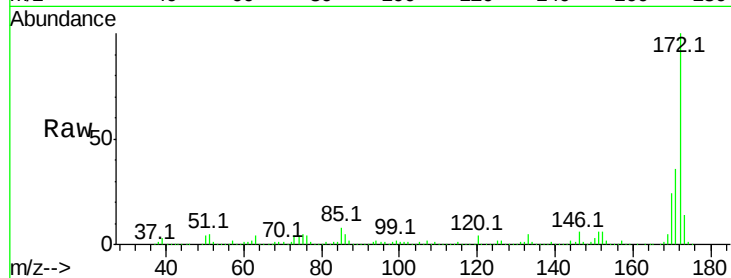


#44
 2-Fluorobiphenyl
 Concen: 90.69 ng
 RT: 9.34 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF092560.D
 Acq: 27 Jan 2017 7:27

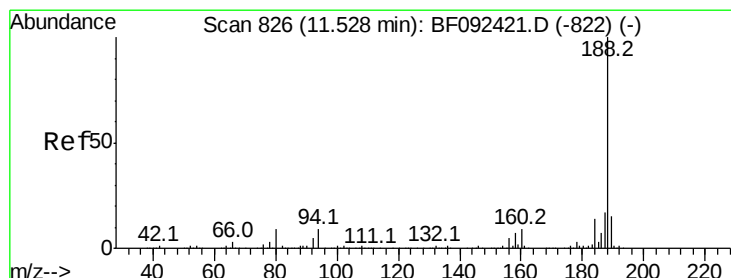
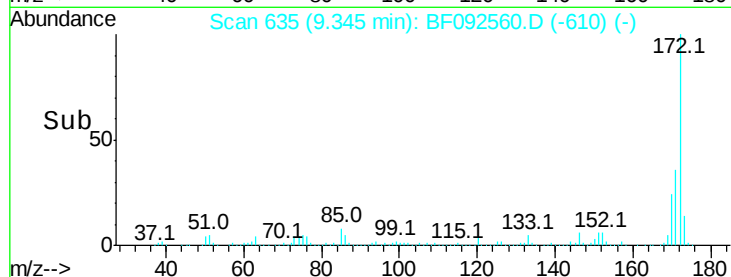
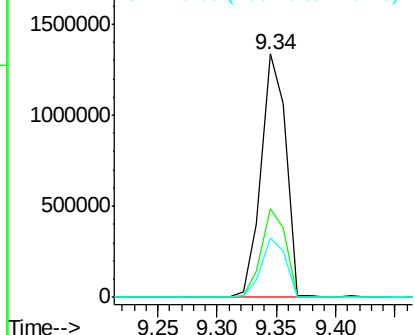
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1962020

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.4	44.0
170	24.2	20.2	30.4



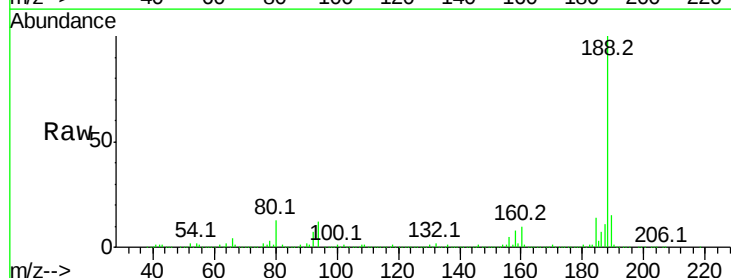
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



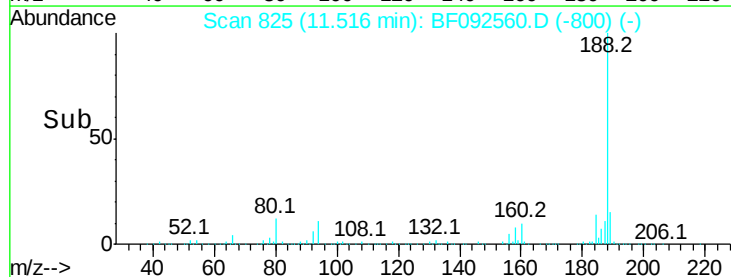
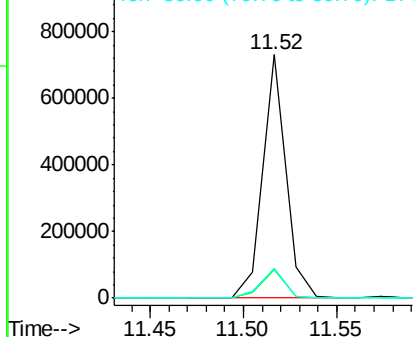
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.52 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF092560.D
 Acq: 27 Jan 2017 7:27

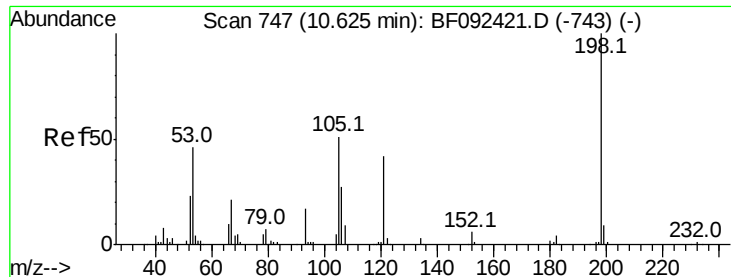
Tgt Ion:188 Resp: 623239

Ion	Ratio	Lower	Upper
188	100		
94	11.5	10.0	15.0
80	12.5	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: 5.06 ng

RT: 10.65 min Scan# 749

Delta R.T. 0.02 min

Lab File: BF092560.D

Acq: 27 Jan 2017 7:27

Instrument :

BNA_F

ClientSampleId :

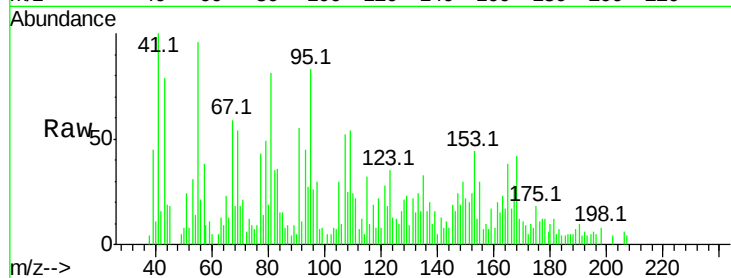
Tot Ion:198 Resp: 424

Ion Ratio Lower Upper

198 100

51 296.0 6.7 46.7#

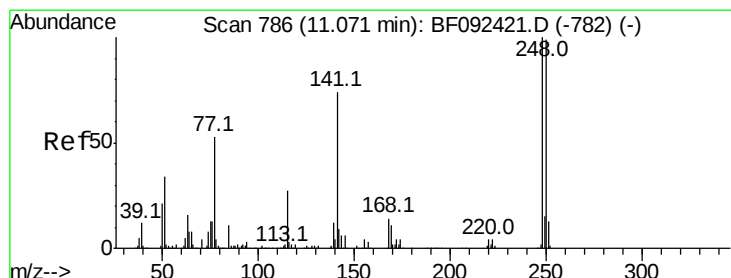
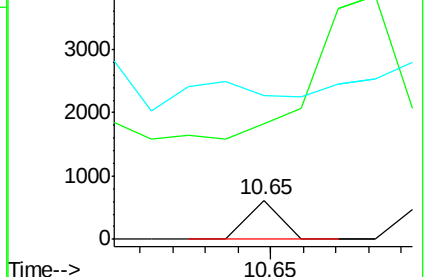
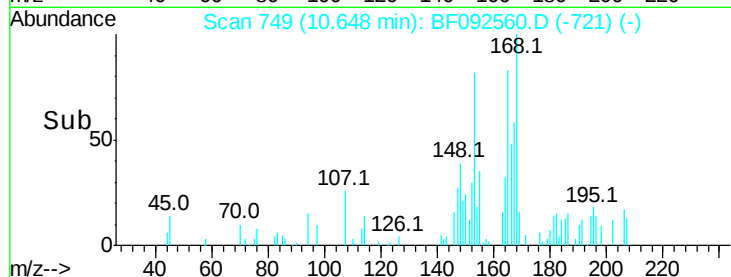
105 367.7 16.6 56.6#



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: 4.35 ng

RT: 10.82 min Scan# 764

Delta R.T. -0.25 min

Lab File: BF092560.D

Acq: 27 Jan 2017 7:27

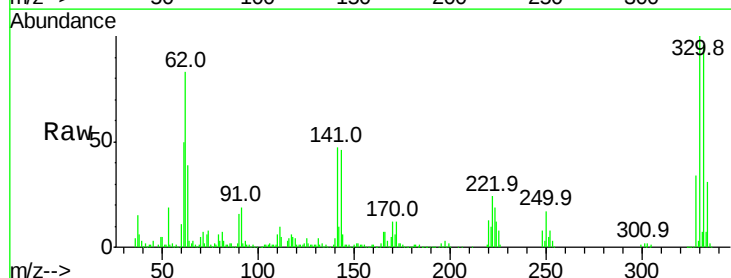
Tgt Ion:248 Resp: 27364

Ion Ratio Lower Upper

248 100

250 199.6 76.9 115.3#

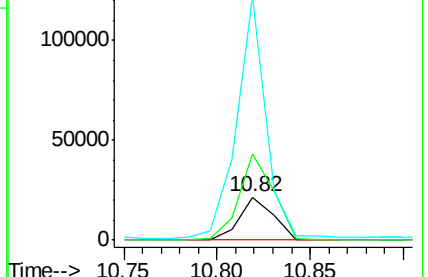
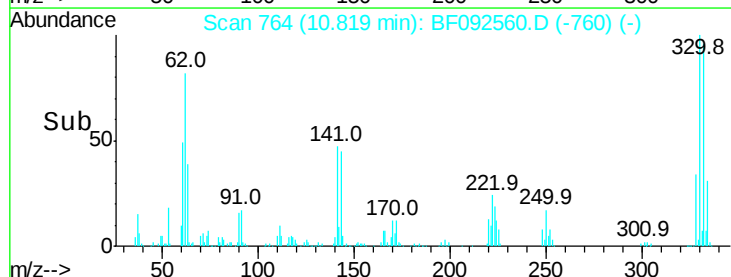
141 564.0 68.2 102.4#

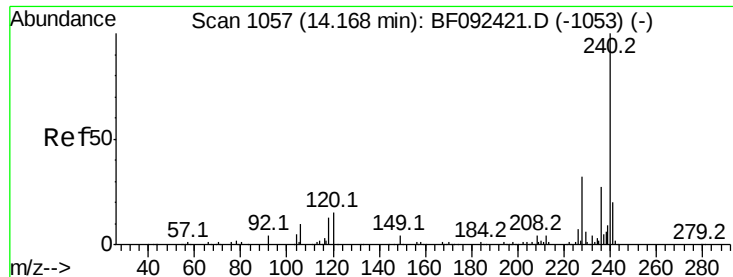


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF092560.D

Acq: 27 Jan 2017 7:27

Instrument :

BNA_F

ClientSampleId :

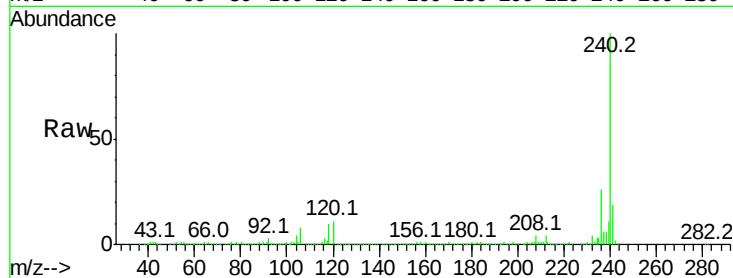
Tot Ion:240 Resp: 488114

Ion Ratio Lower Upper

240 100

120 11.4 12.9 19.3#

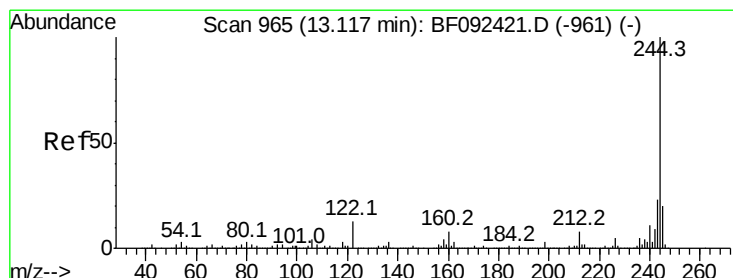
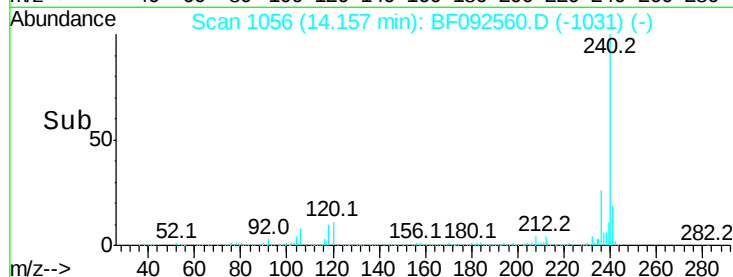
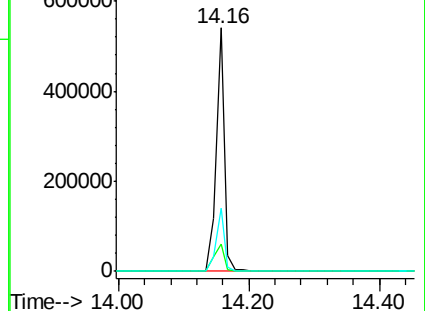
236 25.7 20.9 31.3



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: 96.23 ng

RT: 13.11 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF092560.D

Acq: 27 Jan 2017 7:27

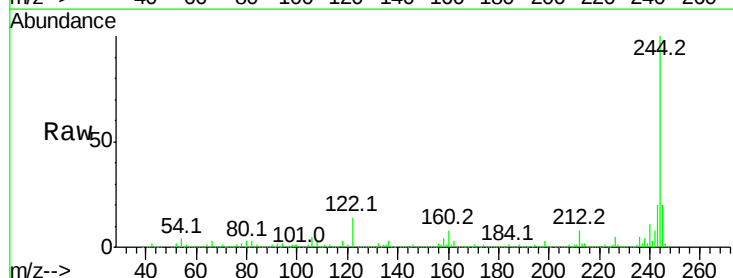
Tgt Ion:244 Resp: 1763867

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

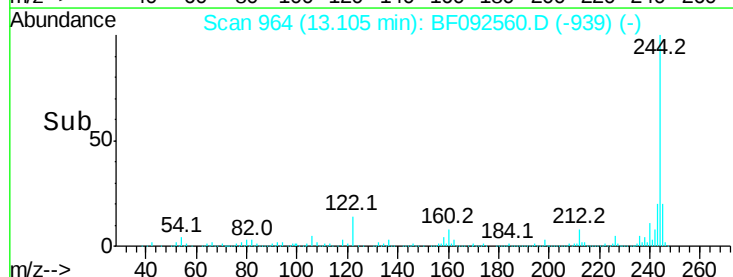
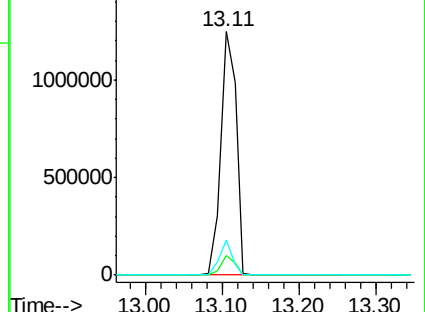
122 14.4 11.4 17.2

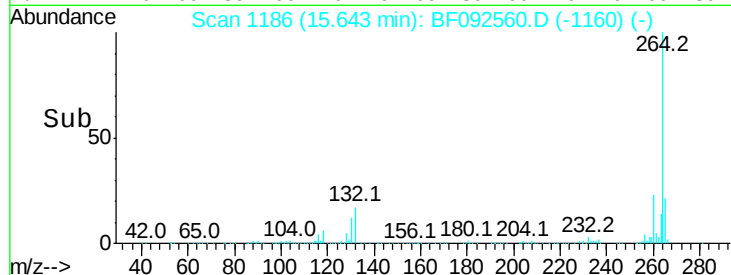
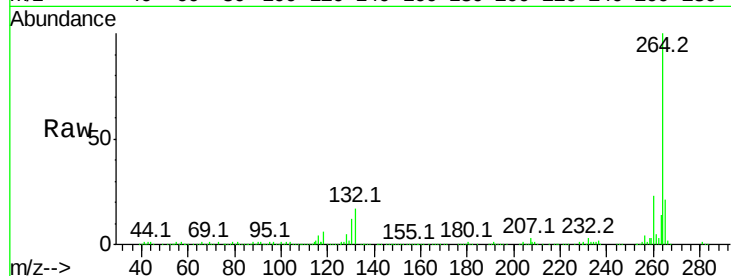
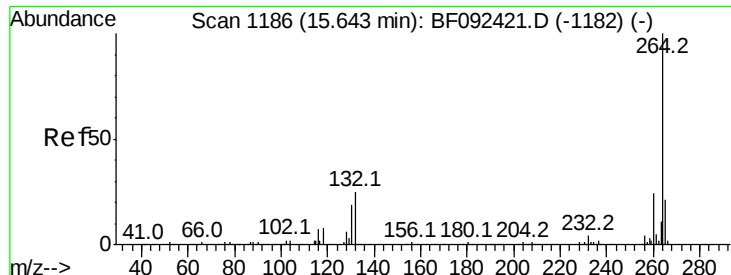


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF092560.D
Acq: 27 Jan 2017 7:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.2	17.4	26.0

