

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020217\
 Data File : BF092768.D
 Acq On : 3 Feb 2017 9:47
 Operator : SJ/MA
 Sample : I1647-05
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 03 10:16:07 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 14:50:05 2017
 Response via : Initial Calibration

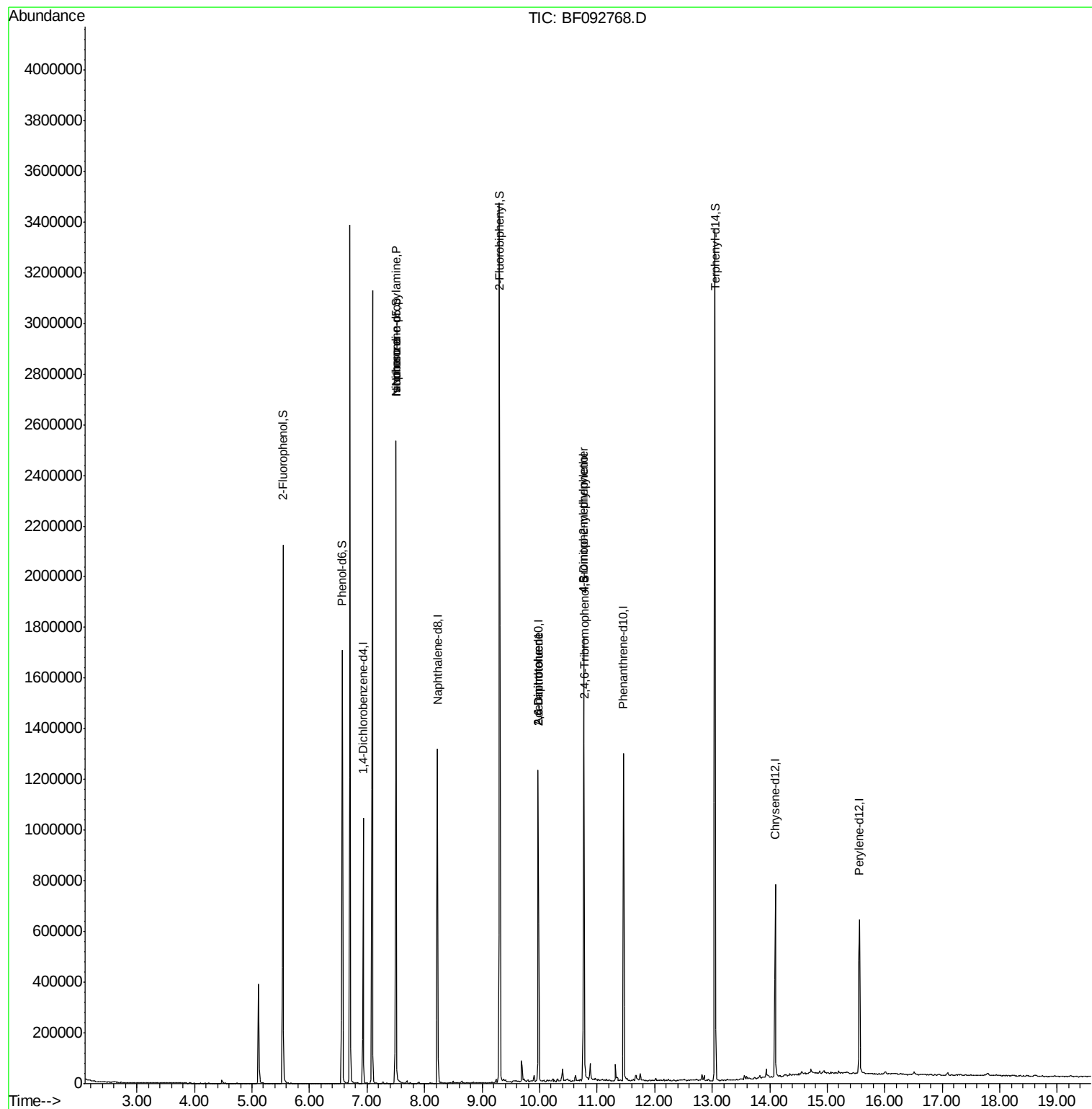
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	150190	20.00	ng	-0.03
21) Naphthalene-d8	8.22	136	578620	20.00	ng	-0.03
38) Acenaphthene-d10	9.97	164	315018	20.00	ng	-0.03
63) Phenanthrene-d10	11.46	188	459308	20.00	ng	-0.03
75) Chrysene-d12	14.10	240	308044	20.00	ng	-0.05
86) Perylene-d12	15.56	264	301805	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	543487	62.08	ng	-0.03
7) Phenol-d6	6.57	99	513618	45.60	ng	-0.03
23) Nitrobenzene-d5	7.50	82	918614	88.41	ng	-0.03
41) 2,4,6-Tribromophenol	10.77	330	279344	122.61	ng	-0.03
44) 2-Fluorobiphenyl	9.30	172	1451973	83.50	ng	-0.03
78) Terphenyl-d14	13.05	244	1053826	80.38	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.50	70	121335	16.92	ng	# 79
25) Isophorone	7.50	82	893444	46.14	ng	# 65
50) 2,6-Dinitrotoluene	9.97	165	41144	8.98	ng	# 30
56) 2,4-Dinitrotoluene	9.97	165	41149	6.75	ng	# 20
64) 4,6-Dinitro-2-methylphenol	10.76	198	545	2.85	ng	# 1
66) 4-Bromophenyl-phenylether	10.76	248	20064	4.18	ng	# 1

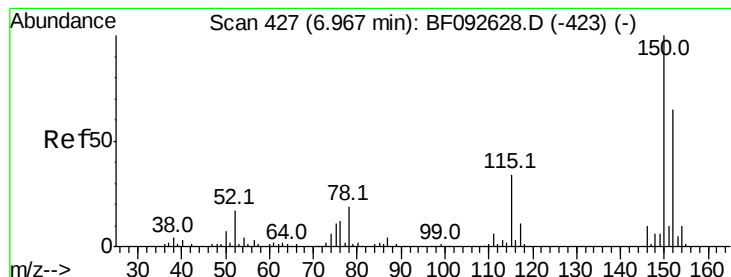
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.93 min Scan# 424

Delta R.T. -0.03 min

Lab File: BF092768.D

Acq: 3 Feb 2017 9:47

Instrument :

BNA_F

ClientSampleId :

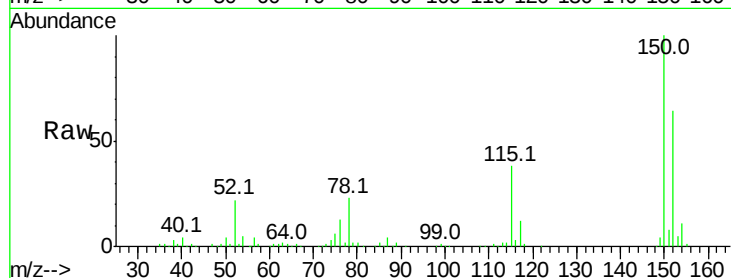
Tot Ion:152 Resp: 150190

Ion Ratio Lower Upper

152 100

150 157.2 124.9 187.3

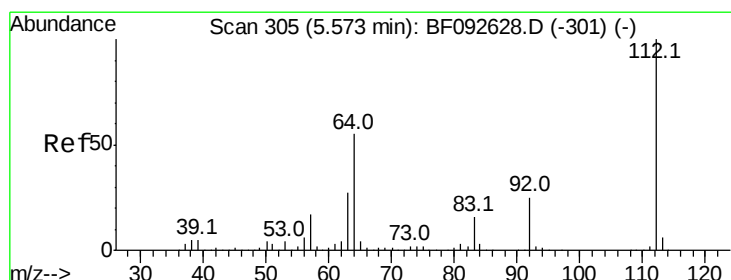
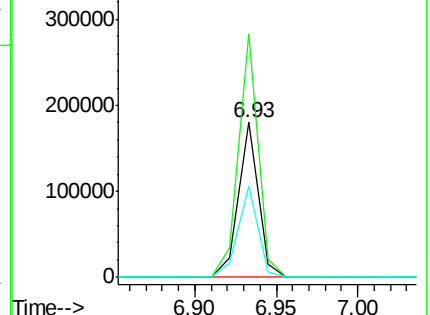
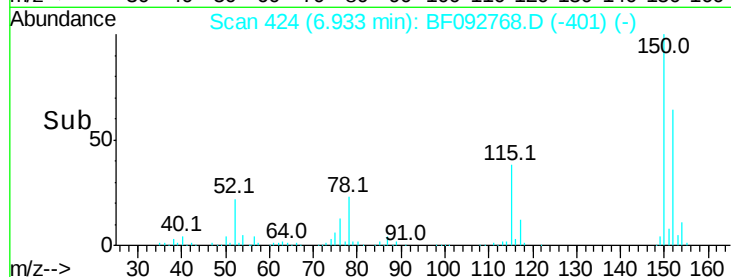
115 59.3 46.0 69.0



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: 62.08 ng

RT: 5.54 min Scan# 302

Delta R.T. -0.03 min

Lab File: BF092768.D

Acq: 3 Feb 2017 9:47

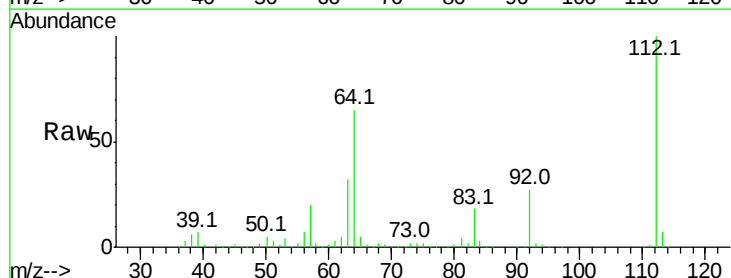
Tgt Ion:112 Resp: 543487

Ion Ratio Lower Upper

112 100

64 64.9 46.1 69.1

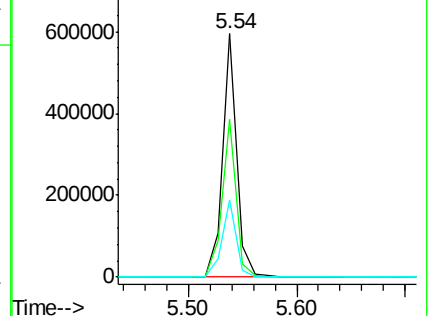
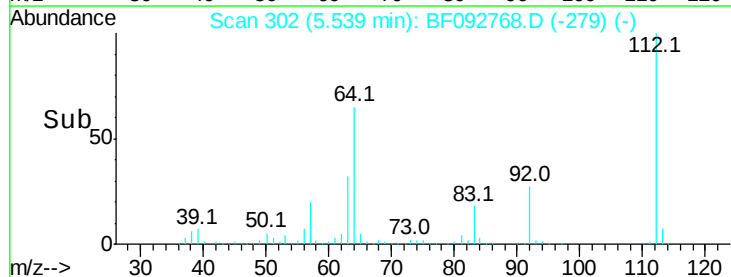
63 31.8 23.8 35.6



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: 45.60 ng

RT: 6.57 min Scan# 392

Delta R.T. -0.03 min

Lab File: BF092768.D

Acq: 3 Feb 2017 9:47

Instrument :

BNA_F

ClientSampled :

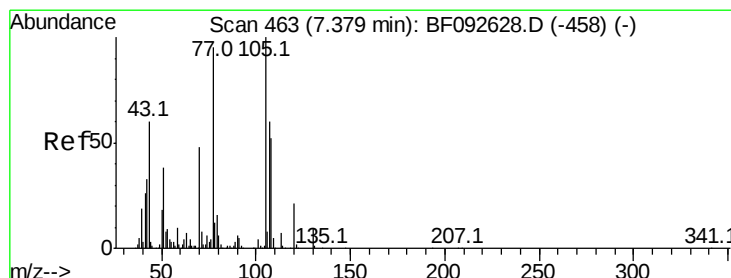
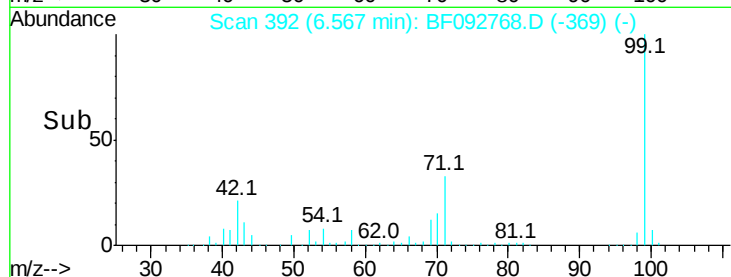
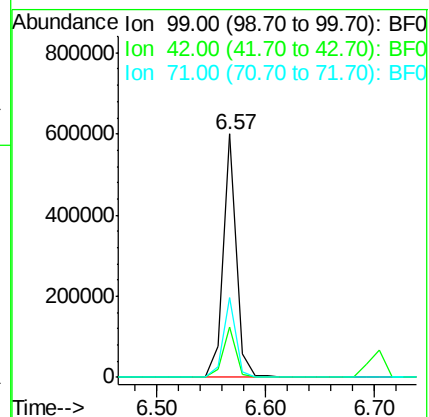
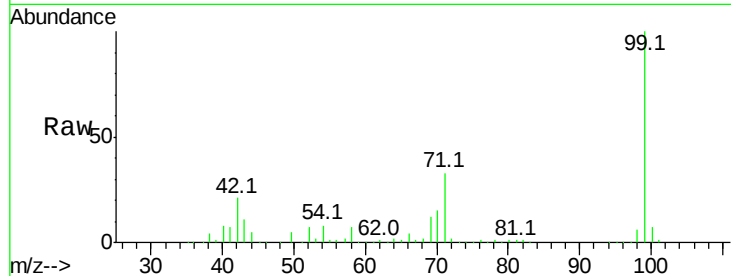
Tot Ion: 99 Resp: 513618

Ion Ratio Lower Upper

99 100

42 20.8 15.6 23.4

71 32.6 27.5 41.3



#19

n-Nitroso-di-n-propylamine

Concen: 16.92 ng

RT: 7.50 min Scan# 474

Delta R.T. 0.13 min

Lab File: BF092768.D

Acq: 3 Feb 2017 9:47

Tgt Ion: 70 Resp: 121335

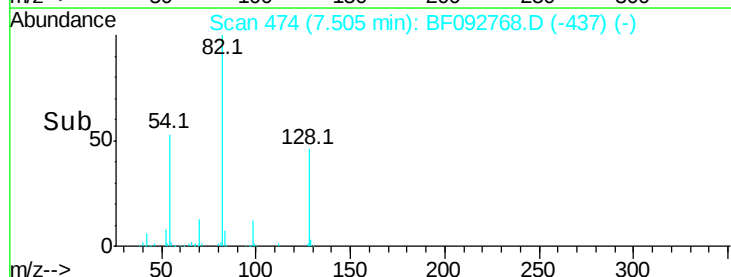
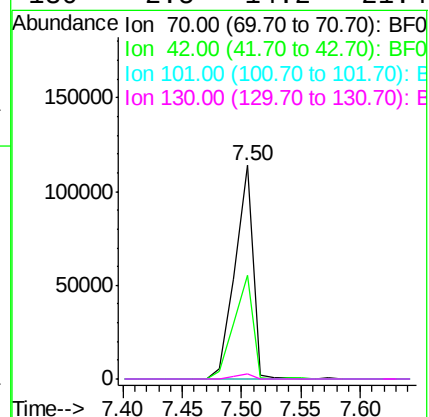
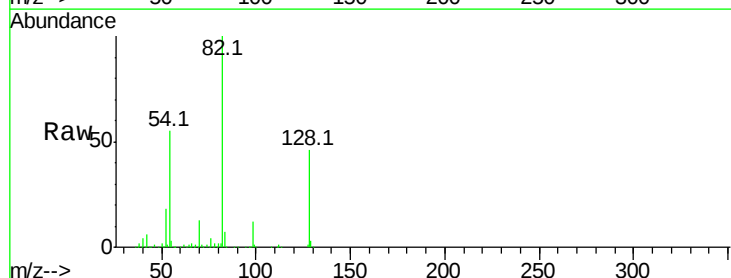
Ion Ratio Lower Upper

70 100

42 48.8 49.4 74.0#

101 0.0 7.4 11.2#

130 2.5 14.2 21.4#

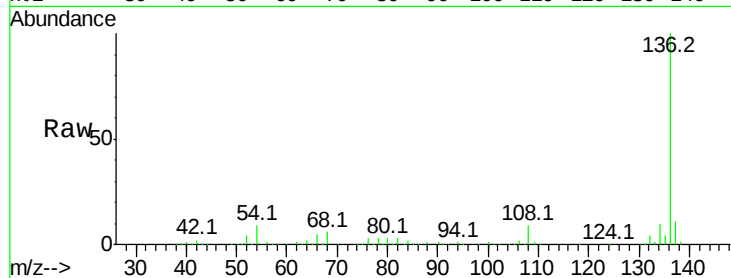




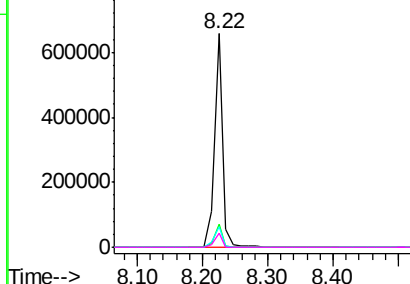
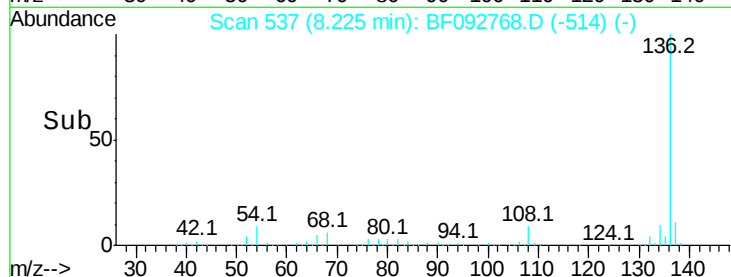
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.22 min Scan# 537
Delta R.T. -0.03 min
Lab File: BF092768.D
Acq: 3 Feb 2017 9:47

Instrument :
BNA_F
ClientSampled :

Tot Ion:	136	Resp:	578620
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	9.4	4.5	6.7#
68	6.5	3.6	5.4#

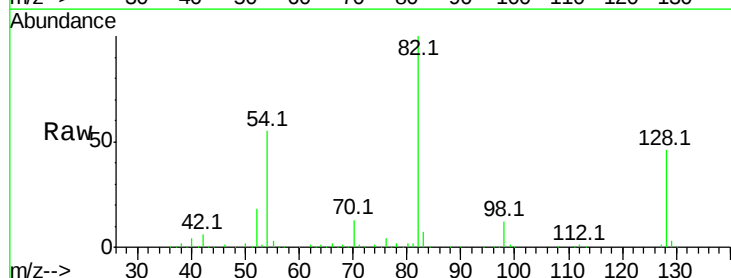


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

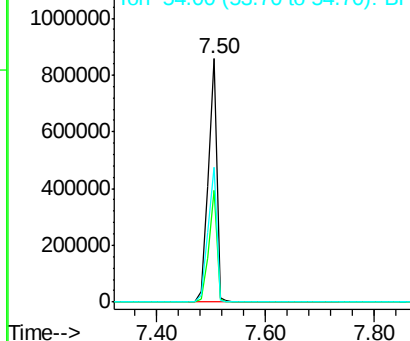
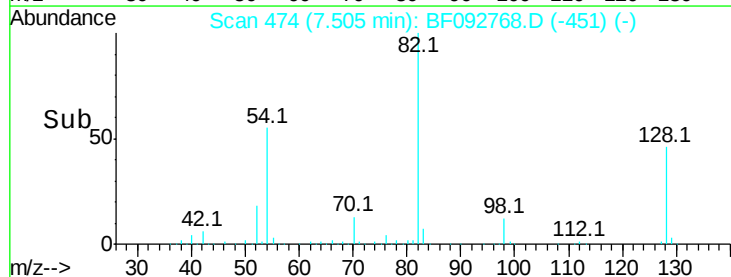


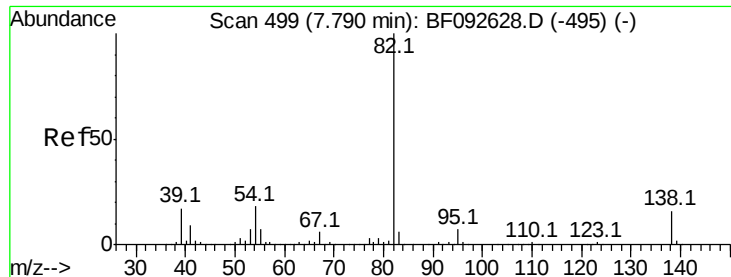
#23
Nitrobenzene-d5
Concen: 88.41 ng
RT: 7.50 min Scan# 474
Delta R.T. -0.03 min
Lab File: BF092768.D
Acq: 3 Feb 2017 9:47

Tgt Ion:	82	Resp:	918614
Ion	Ratio	Lower	Upper
82	100		
128	46.0	34.6	52.0
54	55.4	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: 46.14 ng

RT: 7.50 min Scan# 474

Delta R.T. -0.29 min

Lab File: BF092768.D

Acq: 3 Feb 2017 9:47

Instrument :

BNA_F

ClientSampleId :

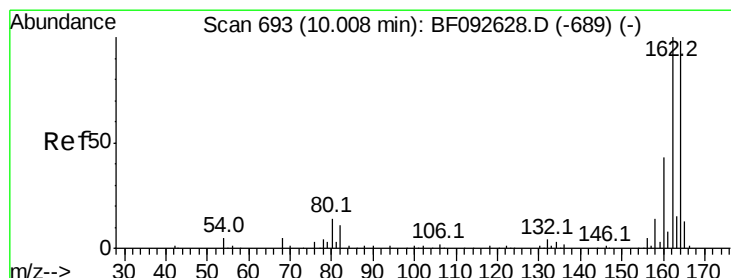
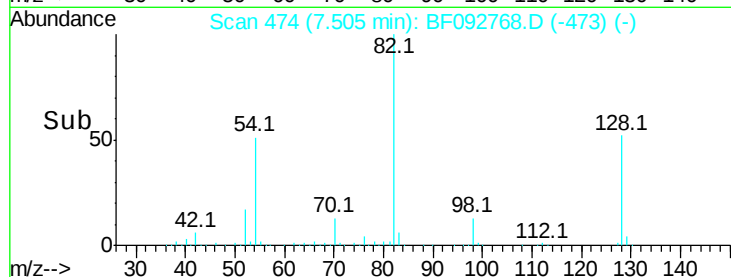
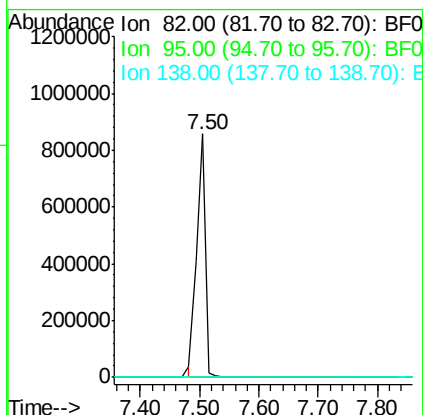
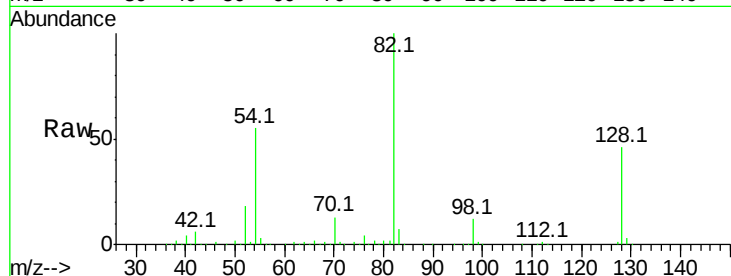
Tot Ion: 82 Resp: 893444

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

138 0.0 14.6 22.0#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.97 min Scan# 690

Delta R.T. -0.03 min

Lab File: BF092768.D

Acq: 3 Feb 2017 9:47

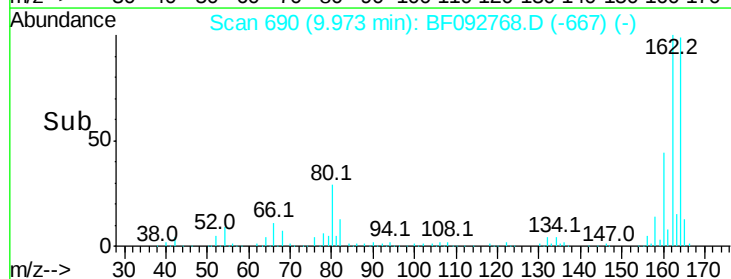
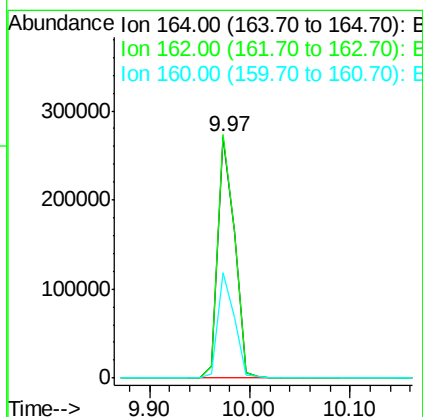
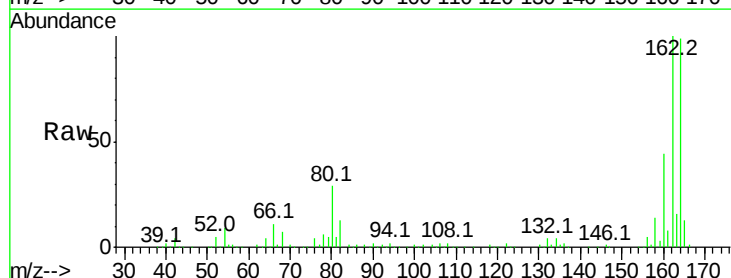
Tgt Ion:164 Resp: 315018

Ion Ratio Lower Upper

164 100

162 101.0 80.2 120.2

160 43.9 36.9 55.3

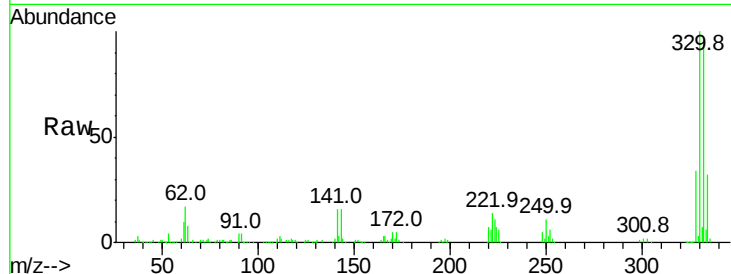




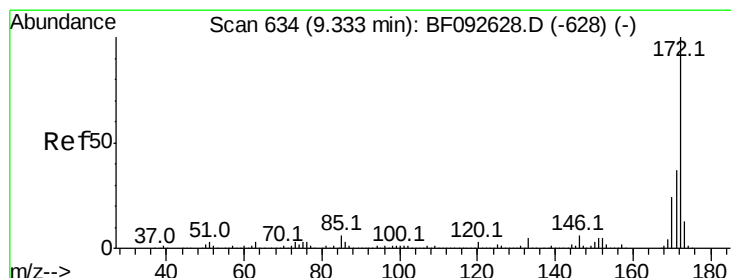
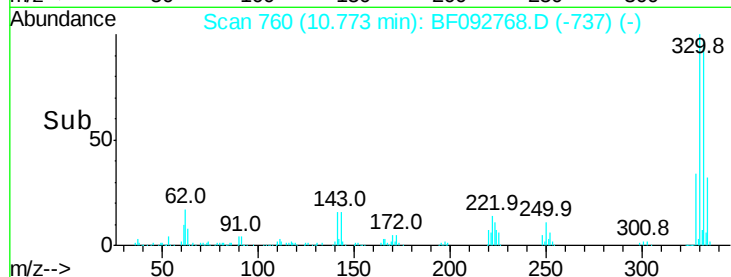
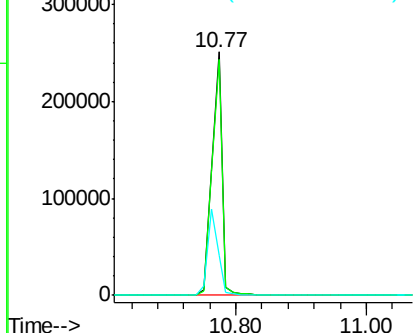
#41
 2,4,6-Tribromophenol
 Concen: 122.61 ng
 RT: 10.77 min Scan# 760
 Delta R.T. -0.03 min
 Lab File: BF092768.D
 Acq: 3 Feb 2017 9:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.4	116.2
141	35.8	34.1	51.1

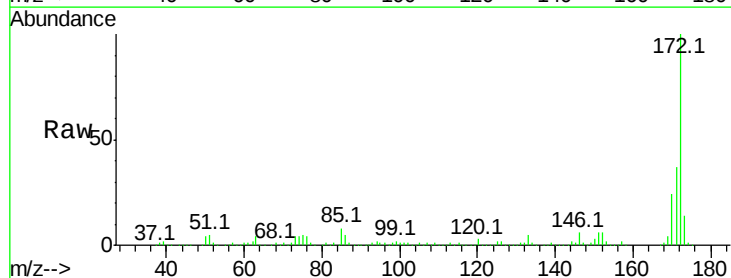


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

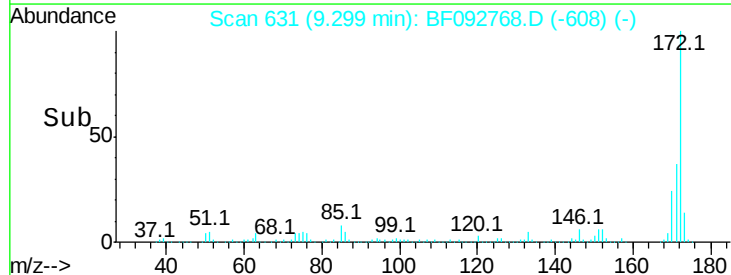
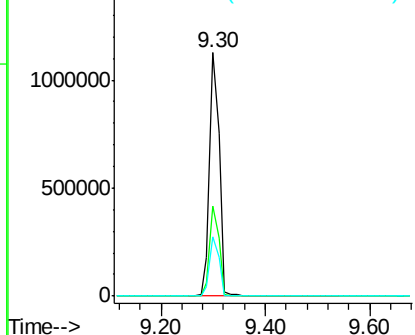


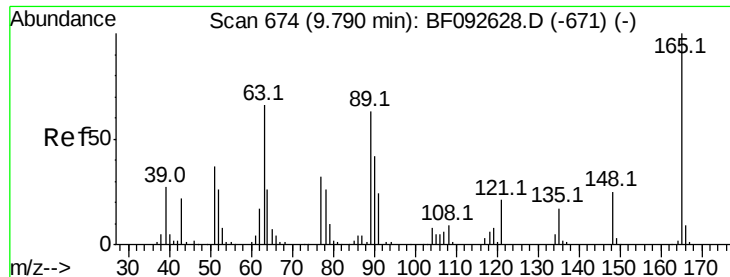
#44
 2-Fluorobiphenyl
 Concen: 83.50 ng
 RT: 9.30 min Scan# 631
 Delta R.T. -0.03 min
 Lab File: BF092768.D
 Acq: 3 Feb 2017 9:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.4	44.0
170	24.4	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

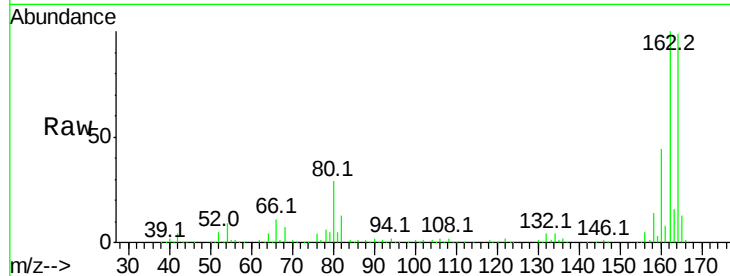




#50
 2,6-Dinitrotoluene
 Concen: 8.98 ng
 RT: 9.97 min Scan# 690
 Delta R.T. 0.18 min
 Lab File: BF092768.D
 Acq: 3 Feb 2017 9:47

Instrument :
 BNA_F
 ClientSampleId :

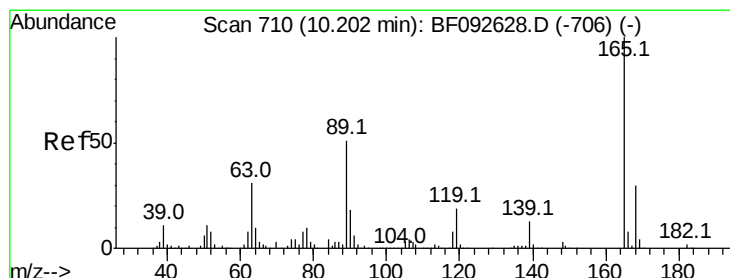
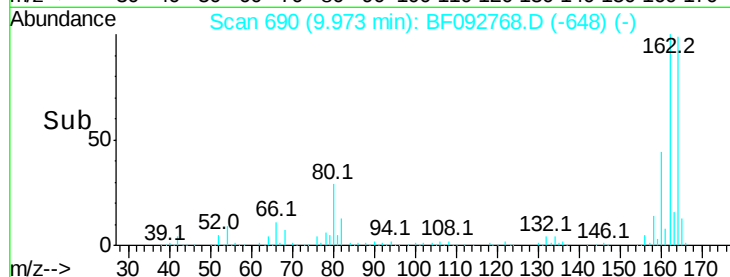
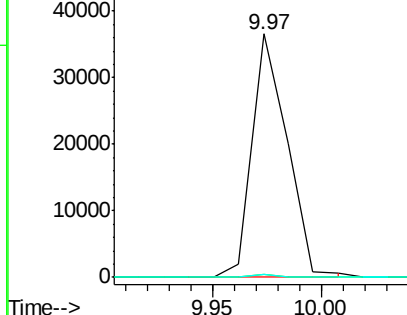
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.0	36.2	54.4#
89	1.0	40.2	60.4#



Abundance Ion 165.00 (164.70 to 165.70): E

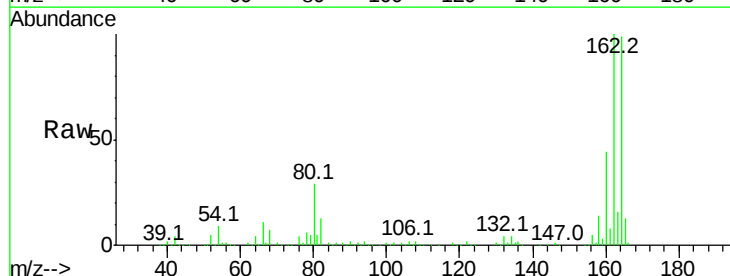
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56
 2,4-Dinitrotoluene
 Concen: 6.75 ng
 RT: 9.97 min Scan# 690
 Delta R.T. -0.23 min
 Lab File: BF092768.D
 Acq: 3 Feb 2017 9:47

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	40.2	60.4#
89	1.0	62.5	93.7#
182	0.0	1.8	2.8#

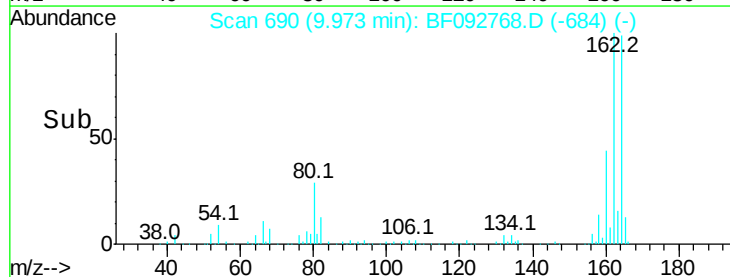
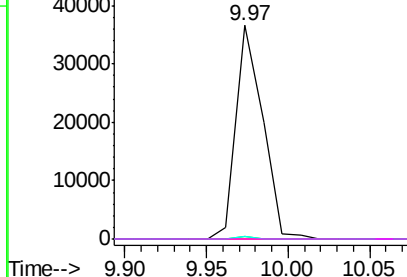


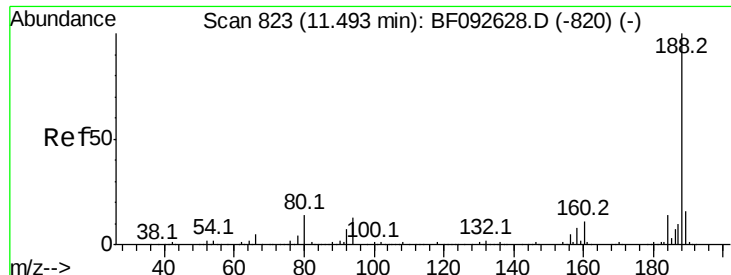
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

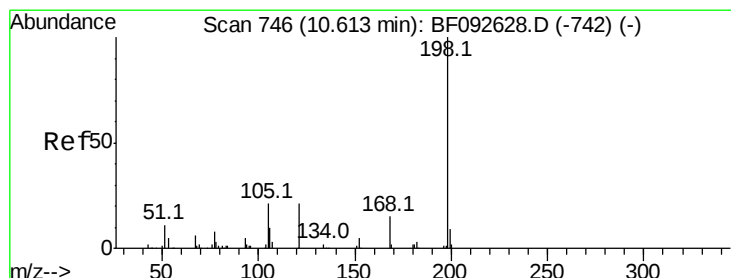
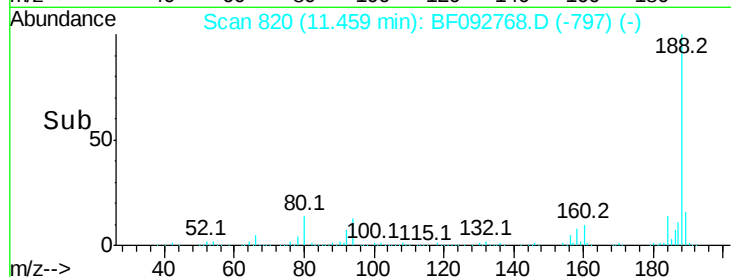
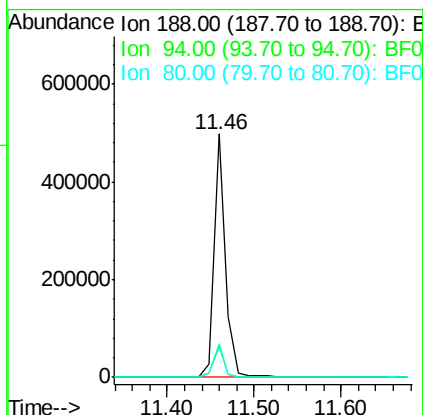
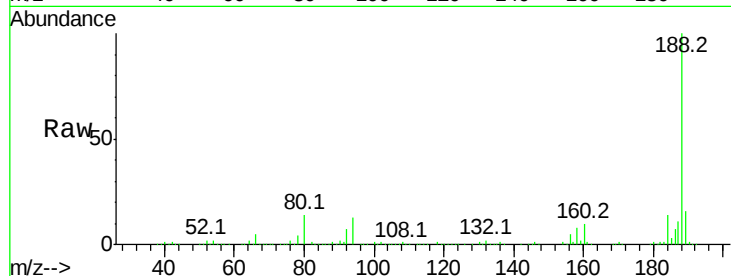




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.46 min Scan# 820
Delta R.T. -0.03 min
Lab File: BF092768.D
Acq: 3 Feb 2017 9:47

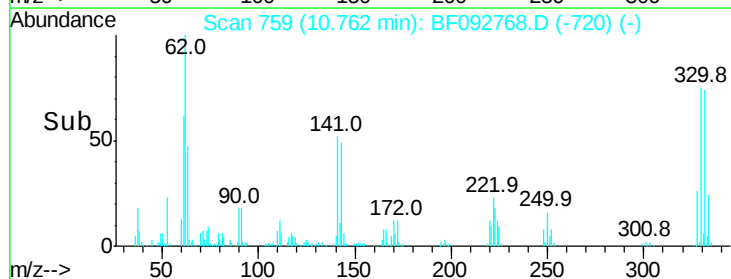
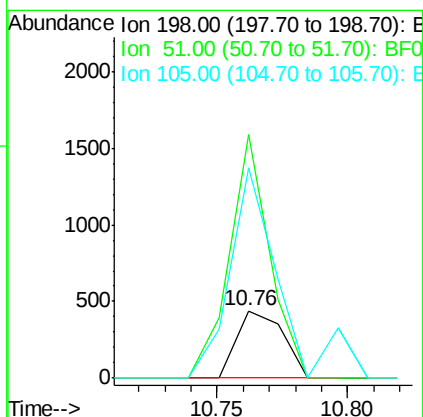
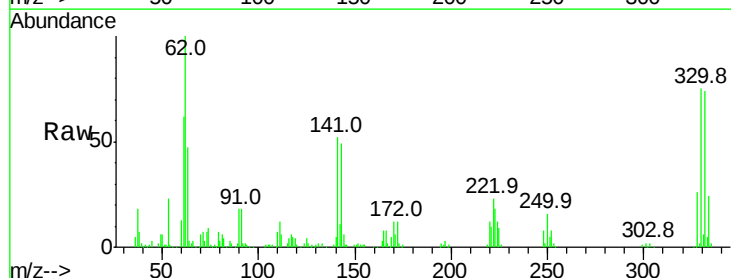
Instrument :
BNA_F
ClientSampleId :

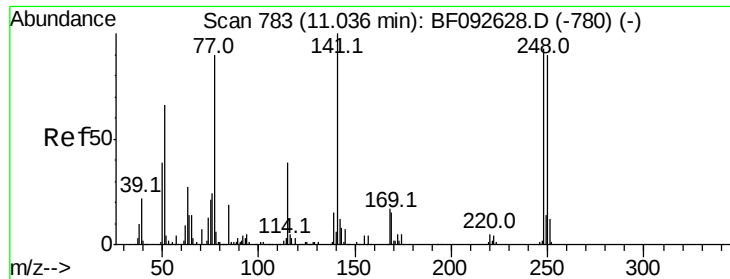
Tot Ion:188 Resp: 459308
Ion Ratio Lower Upper
188 100
94 12.9 10.0 15.0
80 13.9 11.2 16.8



#64
4,6-Dinitro-2-methylphenol
Concen: 2.85 ng
RT: 10.76 min Scan# 759
Delta R.T. 0.15 min
Lab File: BF092768.D
Acq: 3 Feb 2017 9:47

Tgt Ion:198 Resp: 545
Ion Ratio Lower Upper
198 100
51 362.8 6.7 46.7#
105 313.2 16.6 56.6#

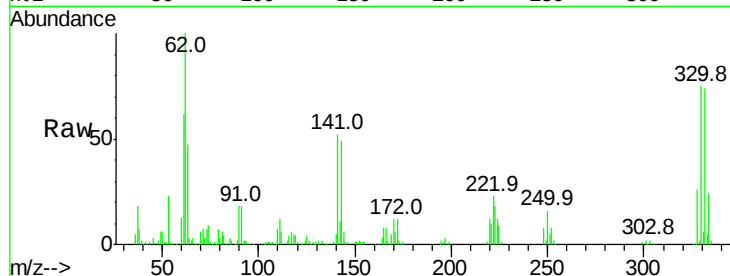




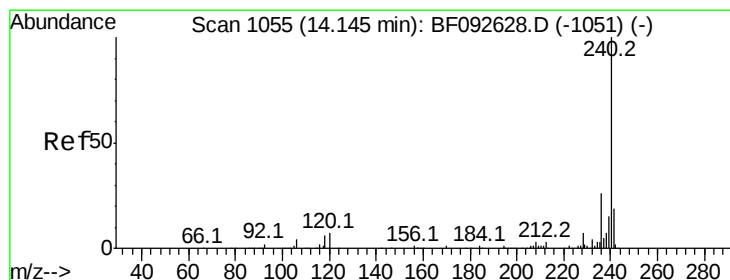
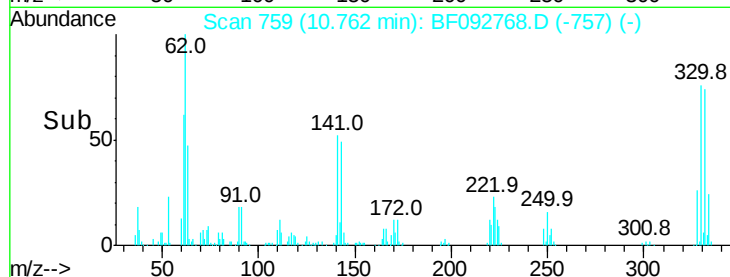
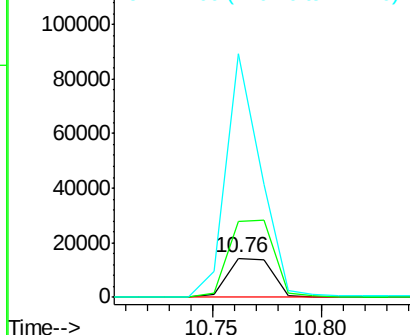
#66
 4-Bromophenyl-phenylether
 Concen: 4.18 ng
 RT: 10.76 min Scan# 759
 Delta R.T. -0.27 min
 Lab File: BF092768.D
 Acq: 3 Feb 2017 9:47

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 20064
 Ion Ratio Lower Upper
 248 100
 250 193.5 76.9 115.3#
 141 624.7 68.2 102.4#

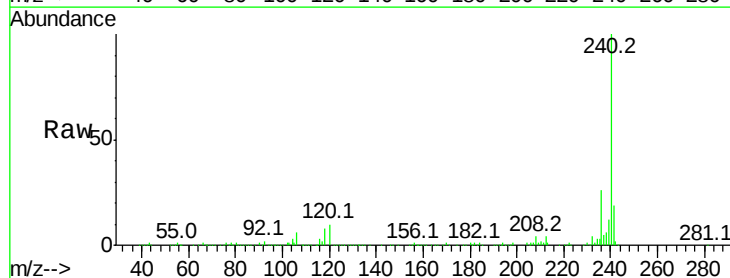


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

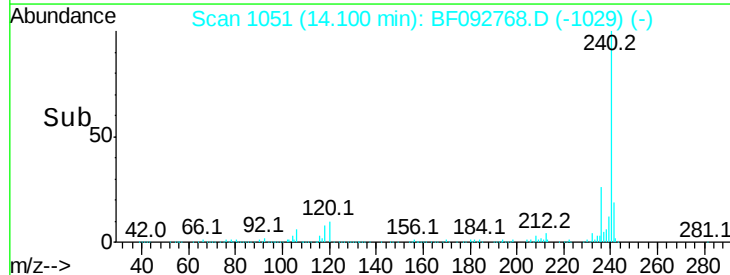
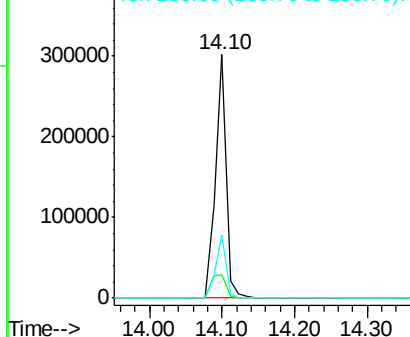


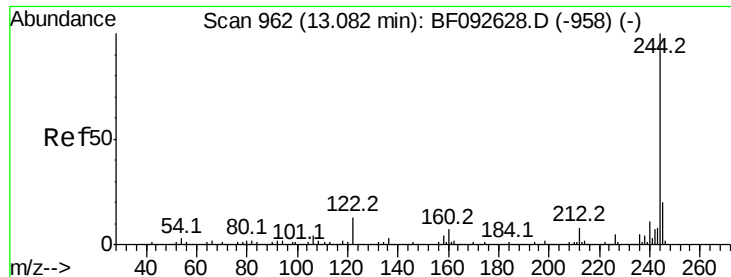
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.10 min Scan# 1051
 Delta R.T. -0.05 min
 Lab File: BF092768.D
 Acq: 3 Feb 2017 9:47

Tgt Ion:240 Resp: 308044
 Ion Ratio Lower Upper
 240 100
 120 9.6 12.9 19.3#
 236 25.8 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: 80.38 ng

RT: 13.05 min Scan# 959

Delta R.T. -0.03 min

Lab File: BF092768.D

Acq: 3 Feb 2017 9:47

Instrument :

BNA_F

ClientSampleId :

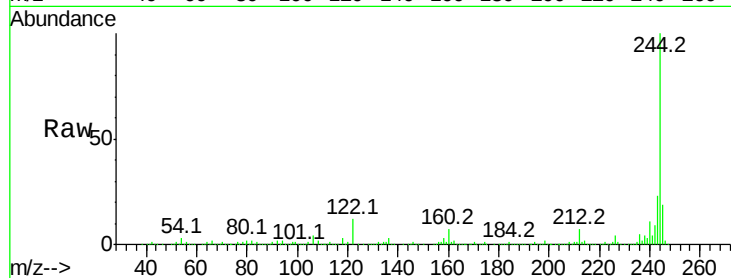
Tot Ion:244 Resp: 1053826

Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.2

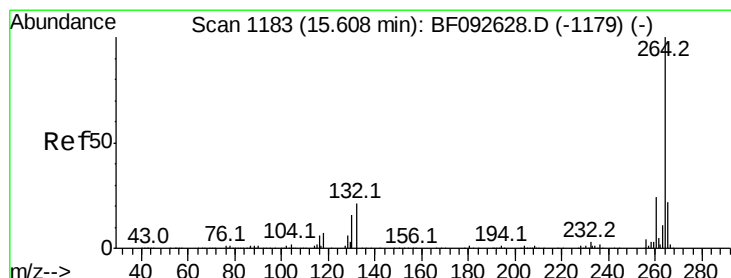
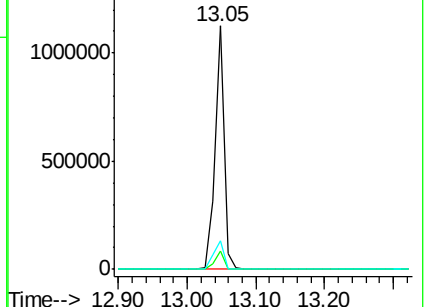
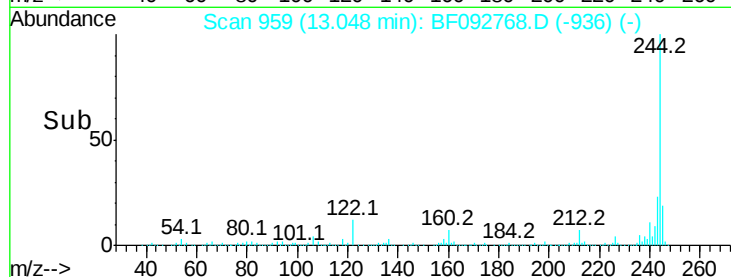
122 11.8 11.4 17.2



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

Perylene-d12

Concen: 20.00 ng

RT: 15.56 min Scan# 1179

Delta R.T. -0.05 min

Lab File: BF092768.D

Acq: 3 Feb 2017 9:47

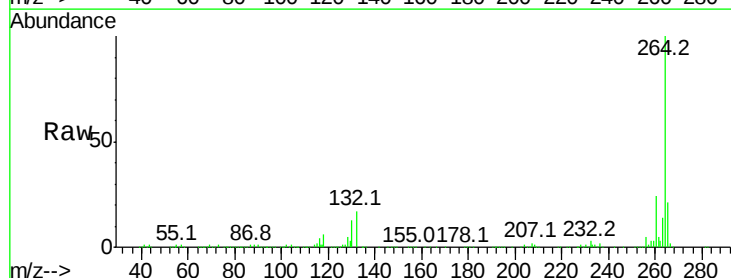
Tgt Ion:264 Resp: 301805

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 21.4 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

