

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013017\
 Data File : BF092667.D
 Acq On : 31 Jan 2017 7:39
 Operator : SJ/MA
 Sample : I1550-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-1A

Quant Time: Jan 31 09:43:49 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

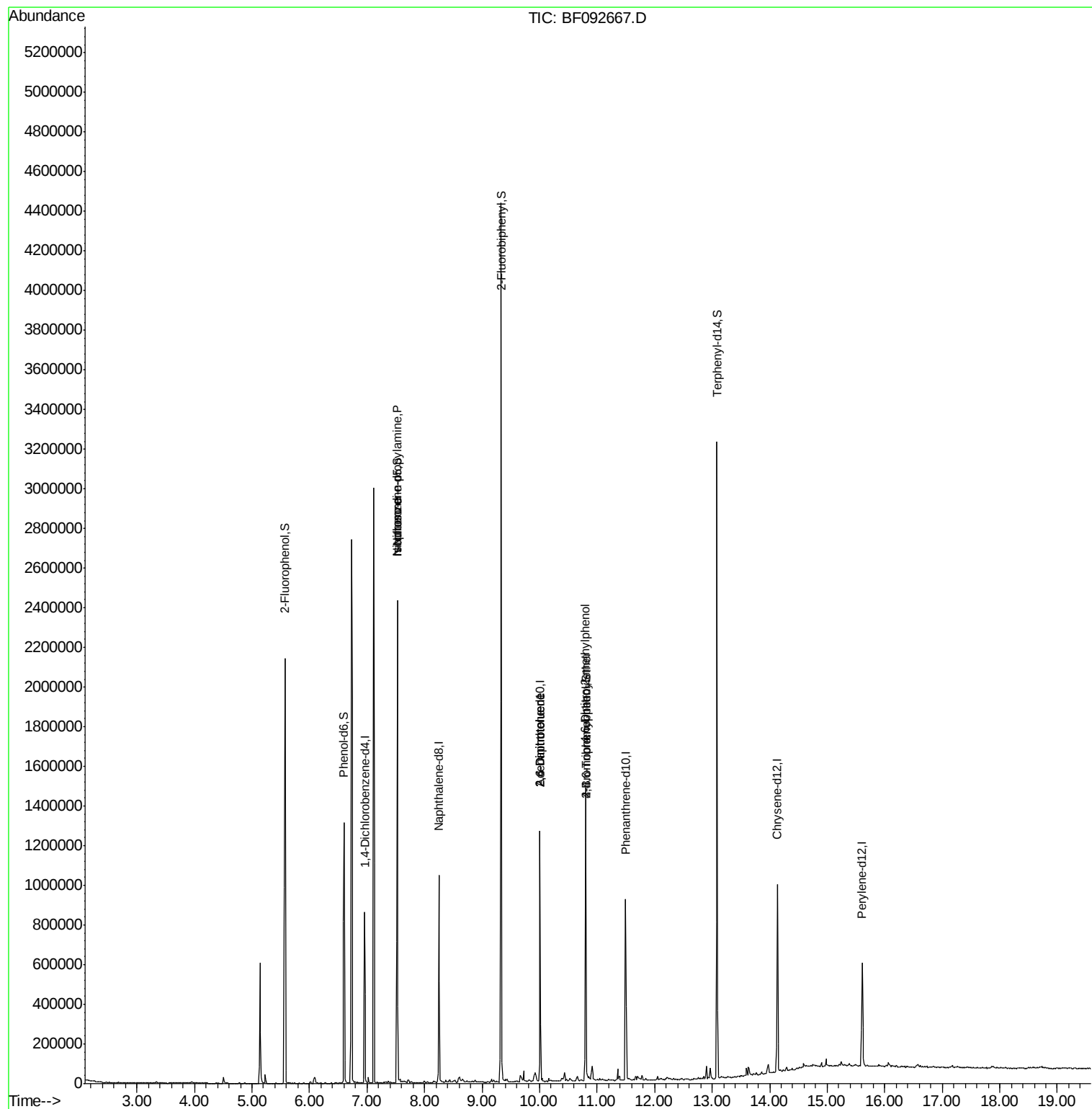
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	147241	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	552512	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	265001	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	358235	20.00	ng	0.00
75) Chrysene-d12	14.13	240	304911	20.00	ng	-0.01
86) Perylene-d12	15.61	264	220587	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	625491	72.88	ng	0.00
7) Phenol-d6	6.60	99	513577	46.51	ng	0.00
23) Nitrobenzene-d5	7.53	82	820870	82.73	ng	-0.01
41) 2,4,6-Tribromophenol	10.81	330	245543	128.11	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1535741	104.99	ng	0.00
78) Terphenyl-d14	13.08	244	961865	74.12	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.53	70	111467	15.86	ng	# 83
25) Isophorone	7.53	82	810987	43.86	ng	# 65
50) 2,6-Dinitrotoluene	10.01	165	33789	8.77	ng	# 31
56) 2,4-Dinitrotoluene	10.01	165	33994	6.62	ng	# 20
64) 4,6-Dinitro-2-methylphenol	10.80	198	345	2.82	ng	# 1
66) 4-Bromophenyl-phenylether	10.81	248	17535	4.69	ng	# 1

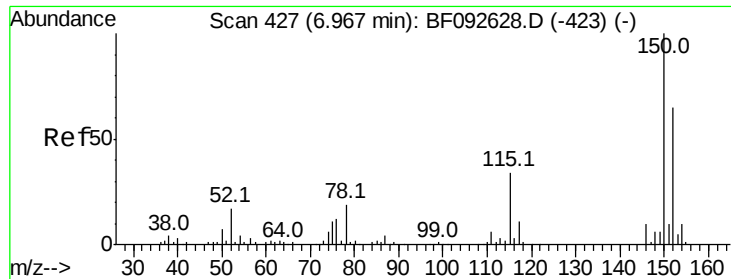
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.96 min Scan# 426

Delta R.T. -0.01 min

Lab File: BF092667.D

Acq: 31 Jan 2017 7:39

Instrument :

BNA_F

ClientSampleId :

W-1A

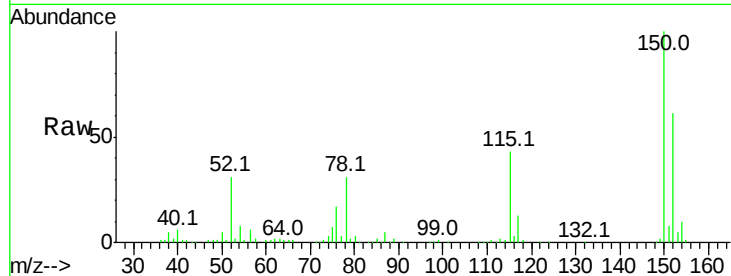
Tot Ion:152 Resp: 147241

Ion Ratio Lower Upper

152 100

150 164.1 124.9 187.3

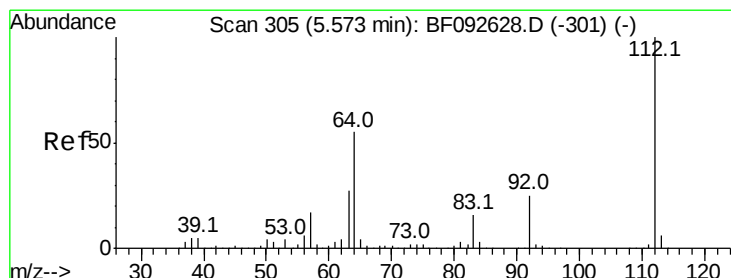
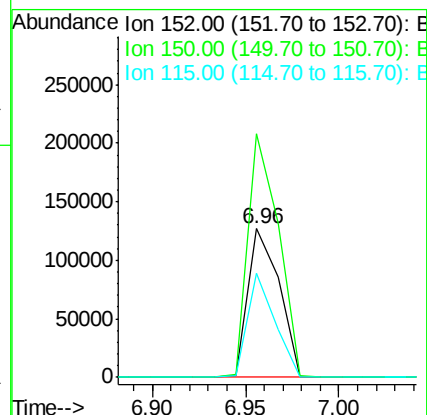
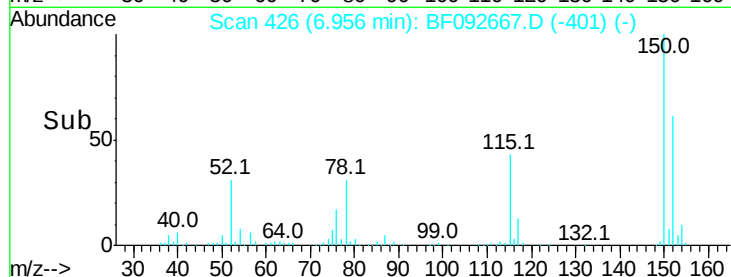
115 70.0 46.0 69.0#



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: 72.88 ng

RT: 5.57 min Scan# 305

Delta R.T. 0.00 min

Lab File: BF092667.D

Acq: 31 Jan 2017 7:39

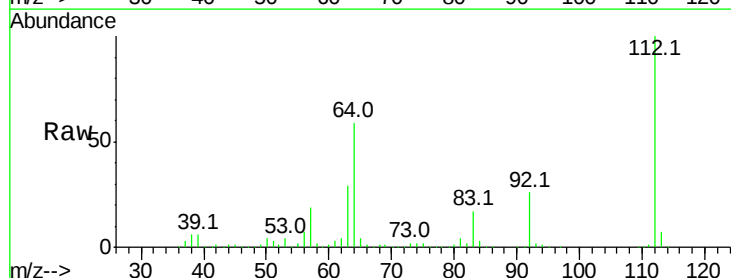
Tgt Ion:112 Resp: 625491

Ion Ratio Lower Upper

112 100

64 59.2 46.1 69.1

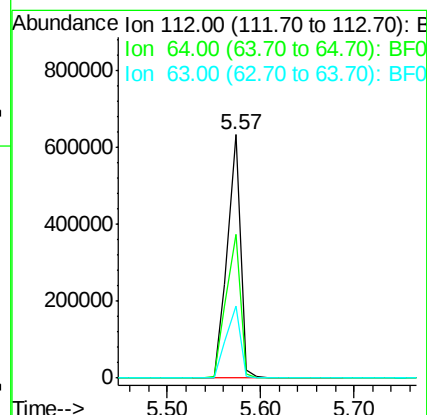
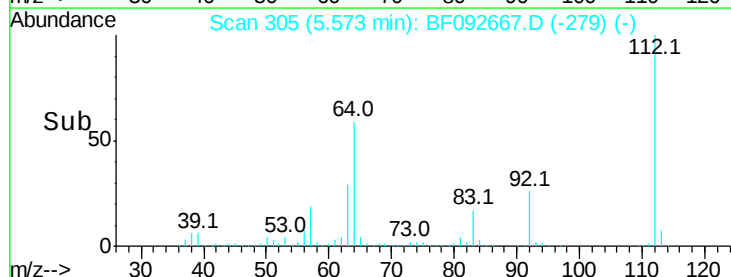
63 29.4 23.8 35.6



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: 46.51 ng

RT: 6.60 min Scan# 395

Delta R.T. -0.00 min

Lab File: BF092667.D

Acq: 31 Jan 2017 7:39

Instrument :

BNA_F

ClientSampleId :

W-1A

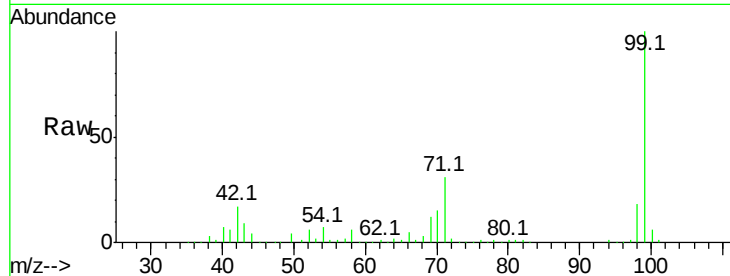
Tot Ion: 99 Resp: 513577

Ion Ratio Lower Upper

99 100

42 17.1 15.6 23.4

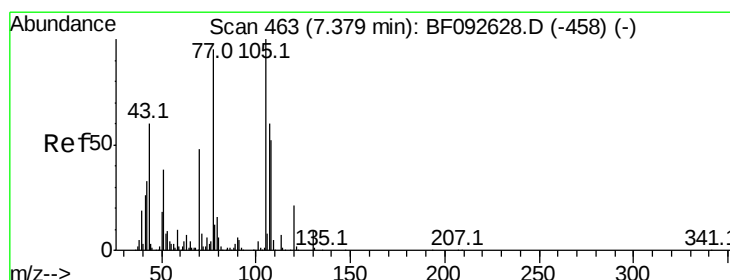
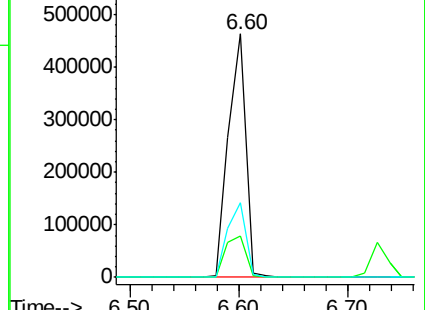
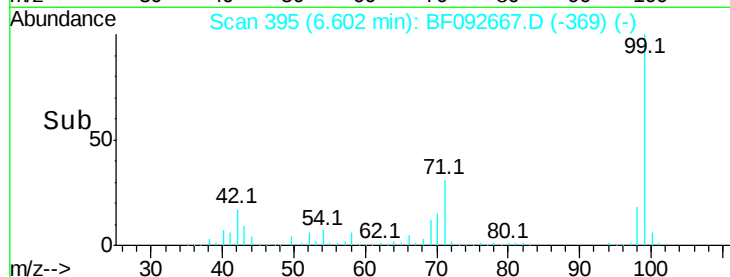
71 30.6 27.5 41.3



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: 15.86 ng

RT: 7.53 min Scan# 476

Delta R.T. 0.15 min

Lab File: BF092667.D

Acq: 31 Jan 2017 7:39

Tgt Ion: 70 Resp: 111467

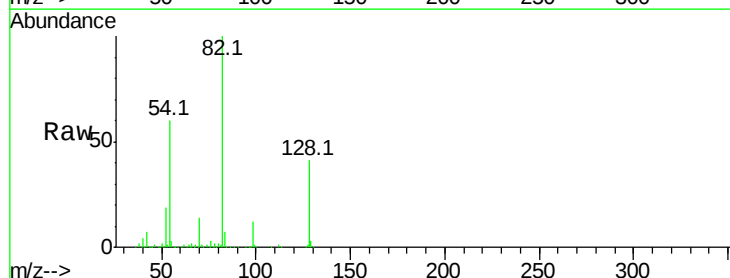
Ion Ratio Lower Upper

70 100

42 53.9 49.4 74.0

101 0.0 7.4 11.2#

130 2.1 14.2 21.4#

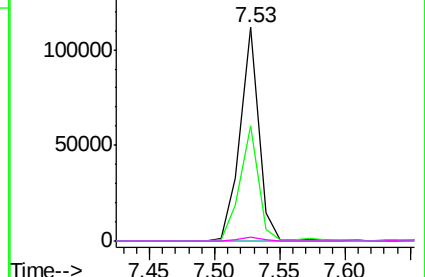
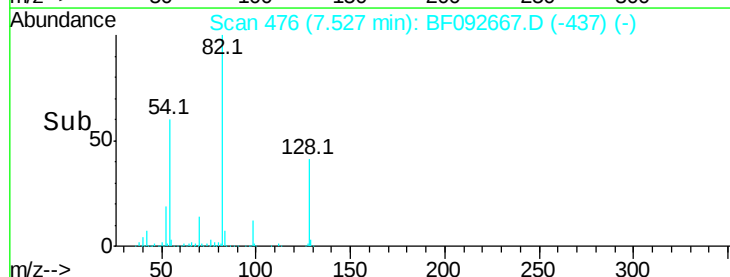


Abundance Ion 70.00 (69.70 to 70.70): BF0

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

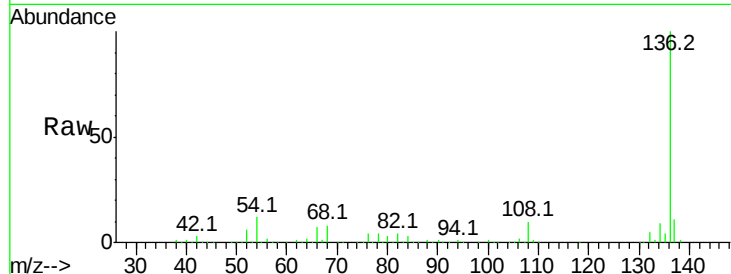




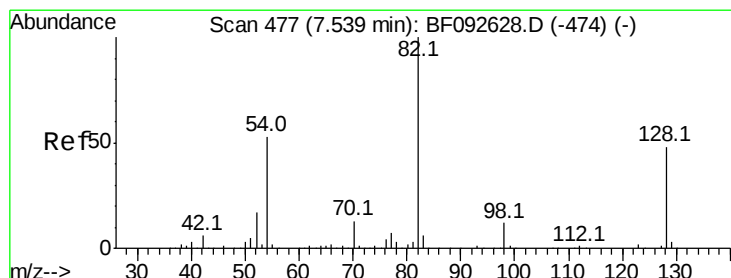
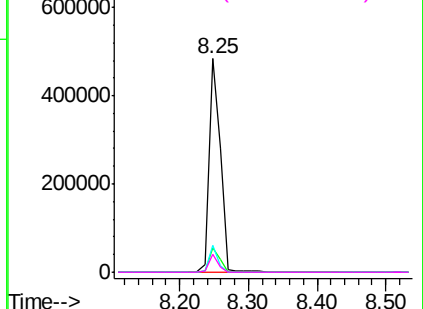
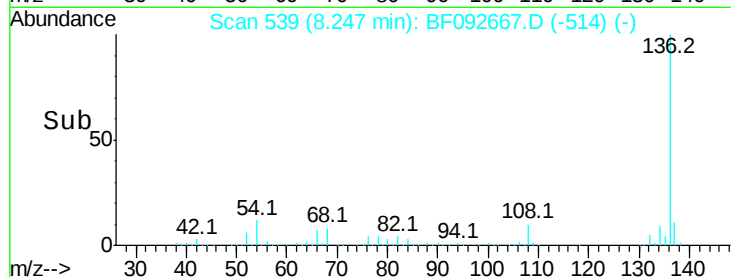
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.25 min Scan# 539
Delta R.T. -0.01 min
Lab File: BF092667.D
Acq: 31 Jan 2017 7:39

Instrument :
BNA_F
ClientSampleId :
W-1A

Tot Ion:136	Resp:	552512
Ion Ratio	Lower	Upper
136	100	
137	11.3	8.4 12.6
54	12.5	4.5 6.7#
68	8.3	3.6 5.4#

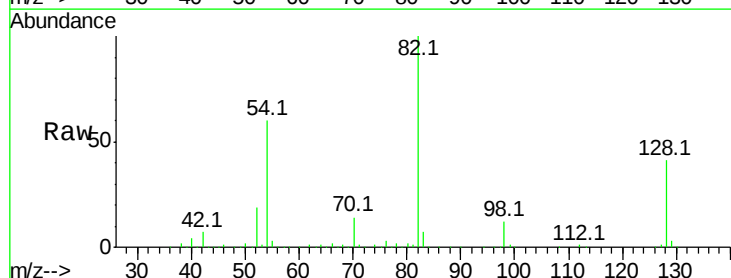


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

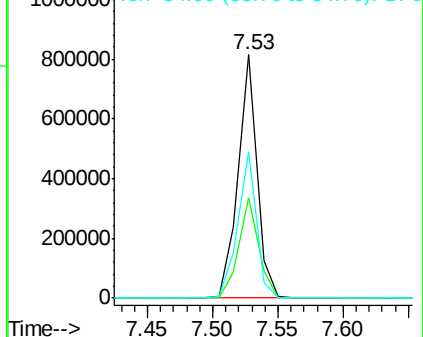
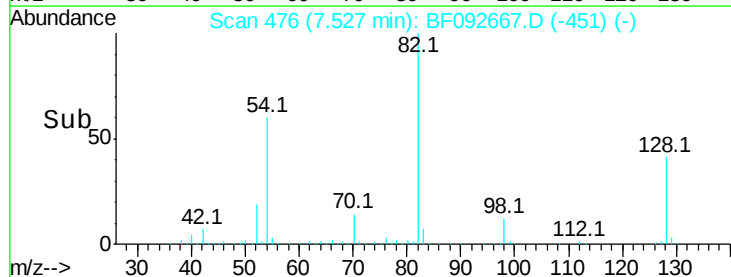


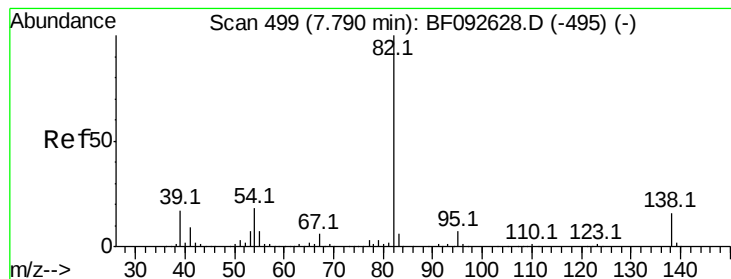
#23
Nitrobenzene-d5
Concen: 82.73 ng
RT: 7.53 min Scan# 476
Delta R.T. -0.01 min
Lab File: BF092667.D
Acq: 31 Jan 2017 7:39

Tgt Ion: 82	Resp:	820870
Ion Ratio	Lower	Upper
82	100	
128	41.4	34.6 52.0
54	60.1	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: 43.86 ng

RT: 7.53 min Scan# 476

Delta R.T. -0.26 min

Lab File: BF092667.D

Acq: 31 Jan 2017 7:39

Instrument :

BNA_F

ClientSampled :

W-1A

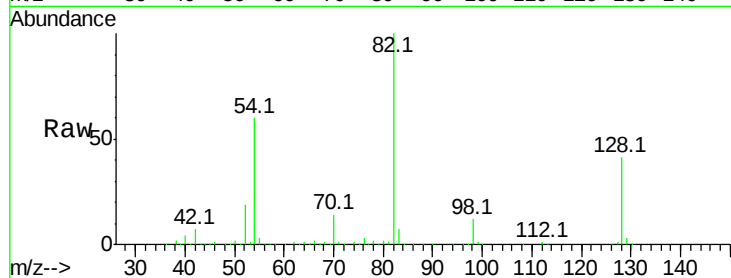
Tot Ion: 82 Resp: 810987

Ion Ratio Lower Upper

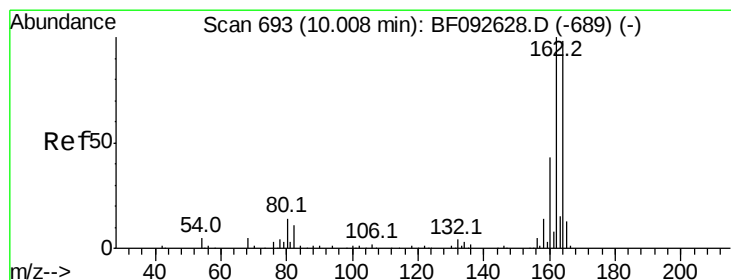
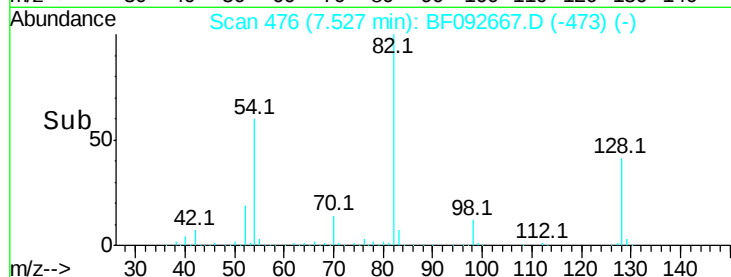
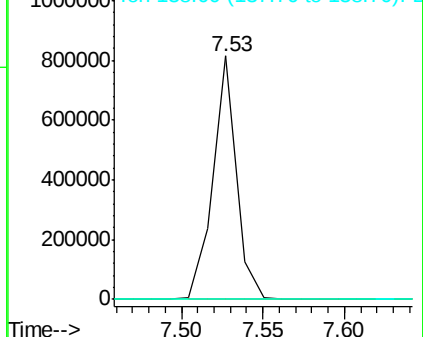
82 100

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: 10.01 min Scan# 693

Delta R.T. -0.00 min

Lab File: BF092667.D

Acq: 31 Jan 2017 7:39

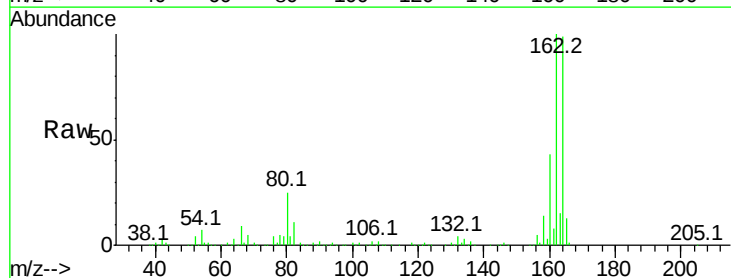
Tgt Ion:164 Resp: 265001

Ion Ratio Lower Upper

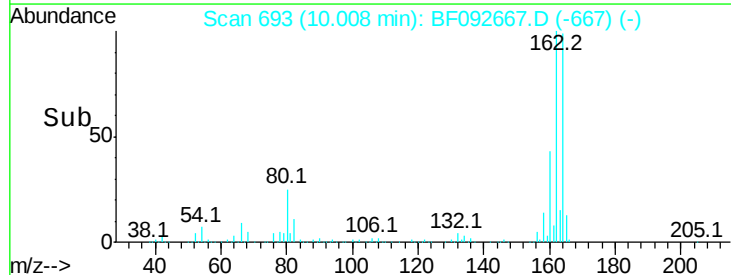
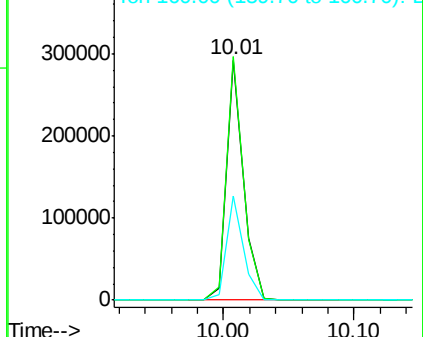
164 100

162 101.4 80.2 120.2

160 43.5 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

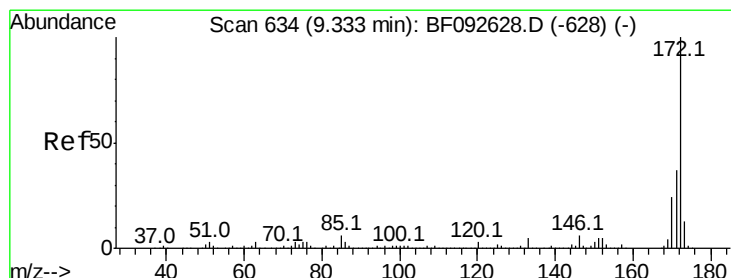
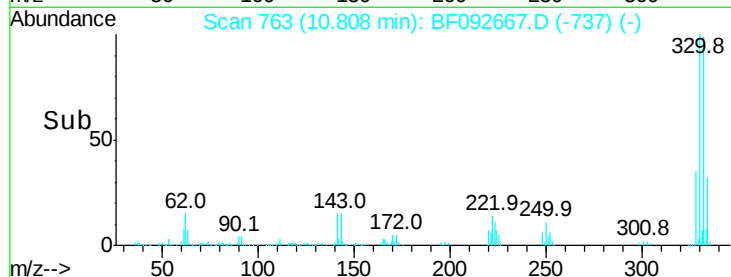
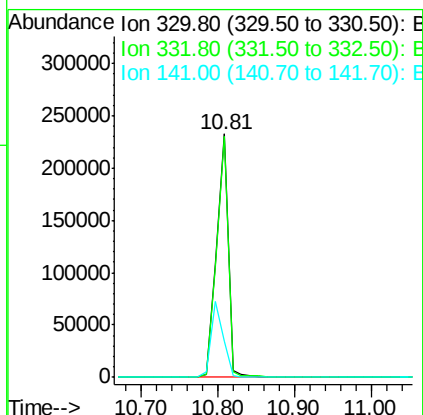
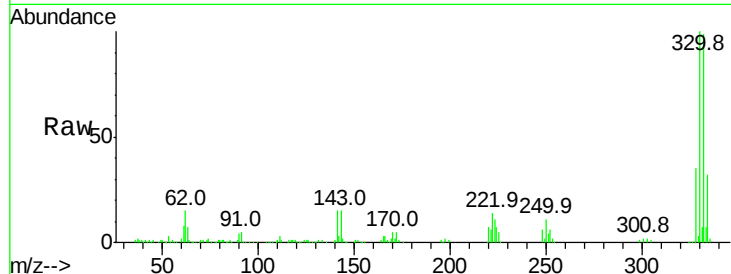




#41
 2,4,6-Tribromophenol
 Concen: 128.11 ng
 RT: 10.81 min Scan# 763
 Delta R.T. 0.00 min
 Lab File: BF092667.D
 Acq: 31 Jan 2017 7:39

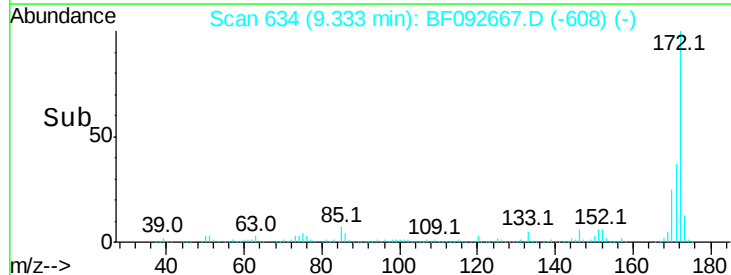
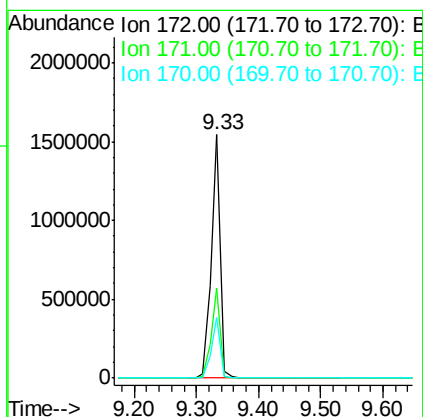
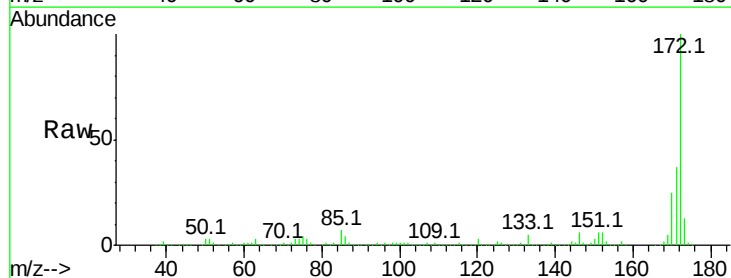
Instrument :
 BNA_F
 ClientSampleId :
 W-1A

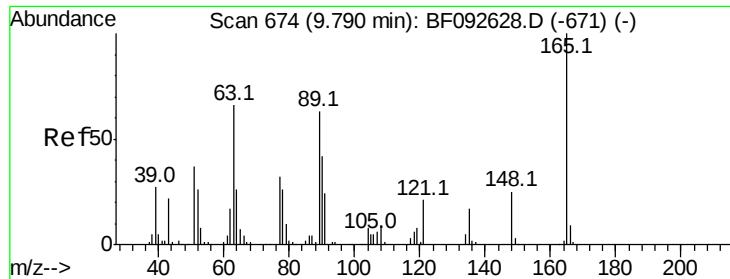
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.4	77.4	116.2
141	32.9	34.1	51.1#



#44
 2-Fluorobiphenyl
 Concen: 104.99 ng
 RT: 9.33 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: BF092667.D
 Acq: 31 Jan 2017 7:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.4	44.0
170	24.7	20.2	30.4

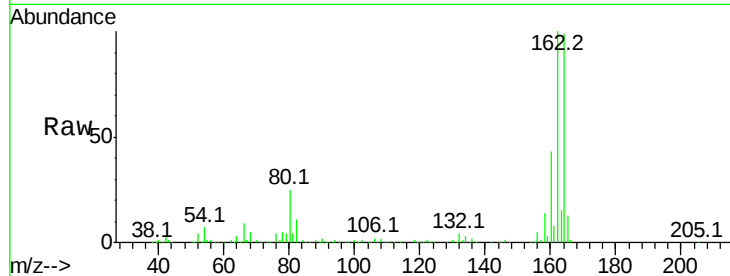




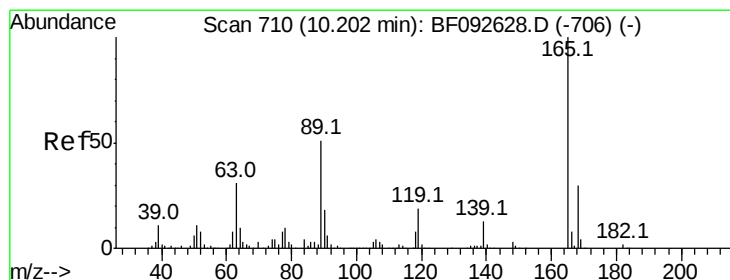
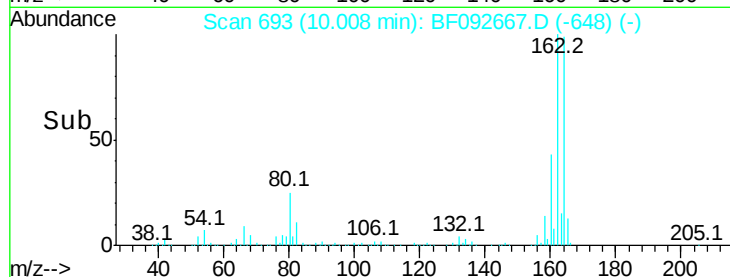
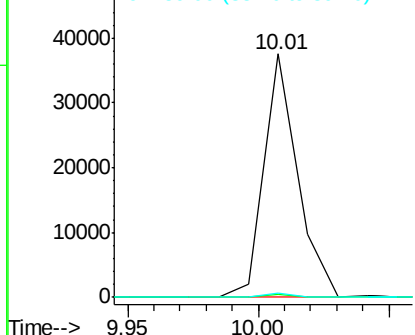
#50
2,6-Dinitrotoluene
Concen: 8.77 ng
RT: 10.01 min Scan# 693
Delta R.T. 0.22 min
Lab File: BF092667.D
Acq: 31 Jan 2017 7:39

Instrument :
BNA_F
ClientSampleId :
W-1A

Tot Ion:165 Resp: 33789
Ion Ratio Lower Upper
165 100
63 1.5 36.2 54.4#
89 1.5 40.2 60.4#

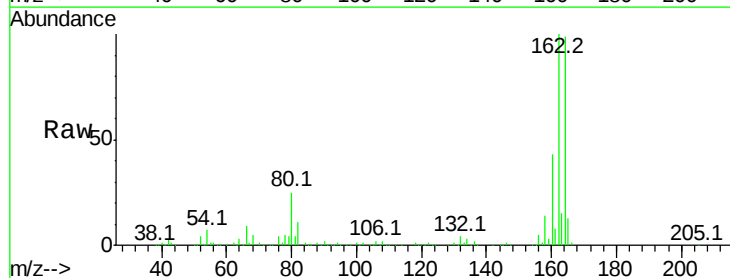


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

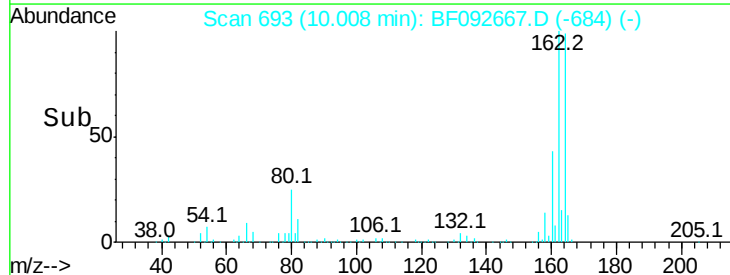
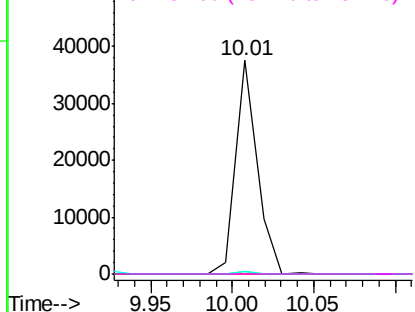


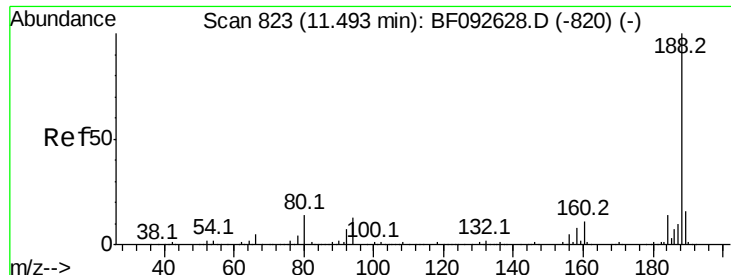
#56
2,4-Dinitrotoluene
Concen: 6.62 ng
RT: 10.01 min Scan# 693
Delta R.T. -0.19 min
Lab File: BF092667.D
Acq: 31 Jan 2017 7:39

Tgt Ion:165 Resp: 33994
Ion Ratio Lower Upper
165 100
63 1.5 40.2 60.4#
89 1.5 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

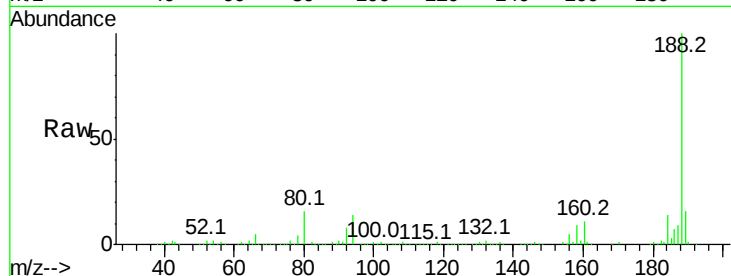




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.49 min Scan# 823
Delta R.T. 0.00 min
Lab File: BF092667.D
Acq: 31 Jan 2017 7:39

Instrument :
BNA_F
ClientSampleId :
W-1A

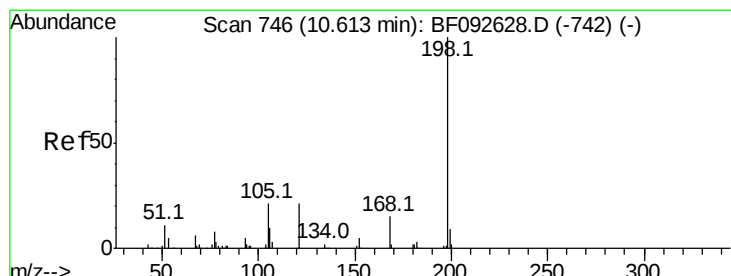
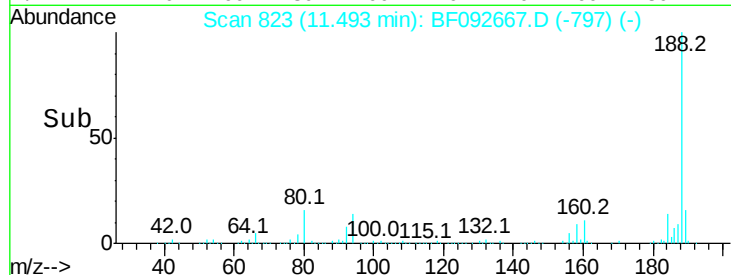
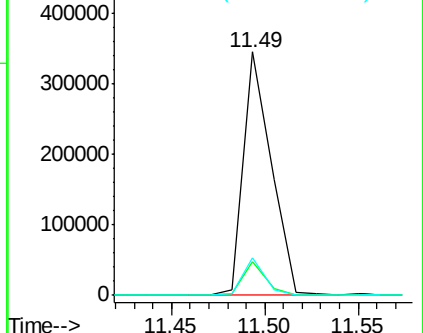
Tot Ion	Ratio	Lower	Upper
188	100		
94	14.1	10.0	15.0
80	15.6	11.2	16.8



Abundance Ion 188.00 (187.70 to 188.70): E

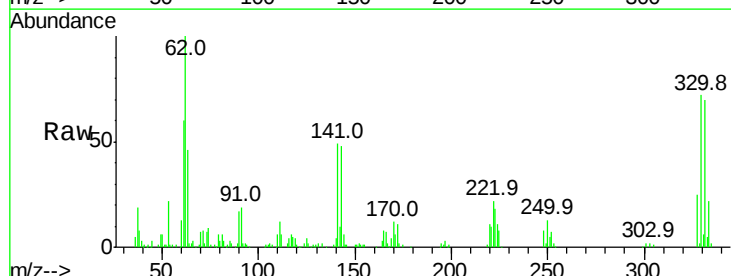
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64
4,6-Dinitro-2-methylphenol
Concen: 2.82 ng
RT: 10.80 min Scan# 762
Delta R.T. 0.18 min
Lab File: BF092667.D
Acq: 31 Jan 2017 7:39

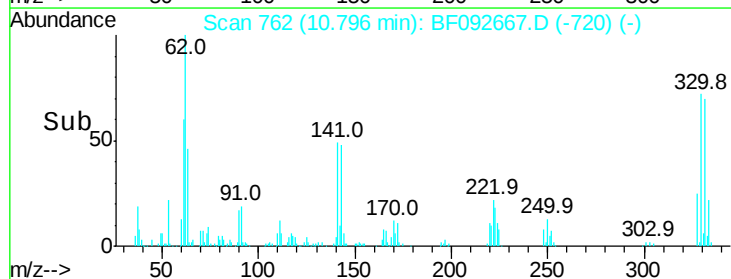
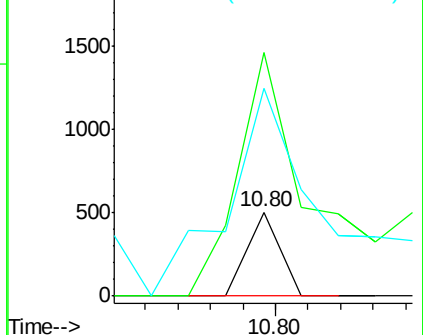
Tgt Ion	Ratio	Lower	Upper
198	100		
51	290.1	6.7	46.7#
105	247.1	16.6	56.6#

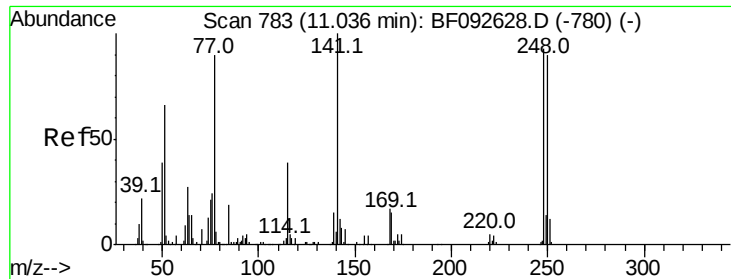


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#66

4-Bromophenyl-phenylether

Concen: 4.69 ng

RT: 10.81 min Scan# 763

Delta R.T. -0.23 min

Lab File: BF092667.D

Acq: 31 Jan 2017 7:39

Instrument :

BNA_F

ClientSampled :

W-1A

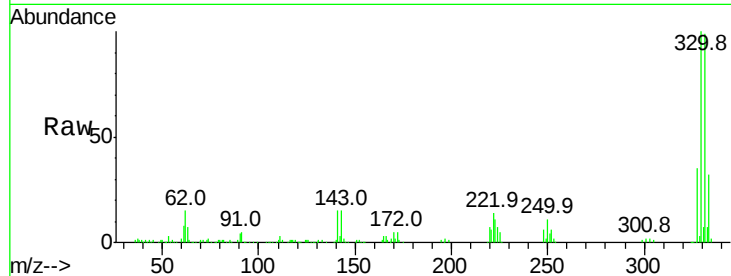
Tot Ion:248 Resp: 17535

Ion Ratio Lower Upper

248 100

250 200.6 76.9 115.3#

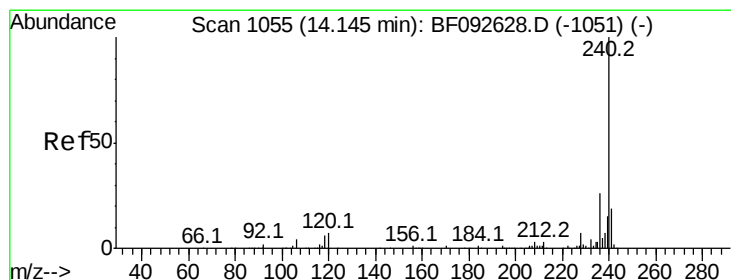
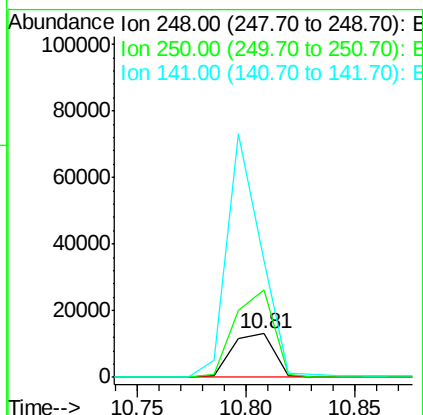
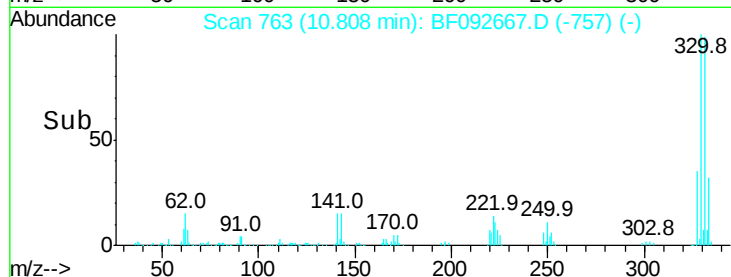
141 267.7 68.2 102.4#



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: 14.13 min Scan# 1054

Delta R.T. -0.01 min

Lab File: BF092667.D

Acq: 31 Jan 2017 7:39

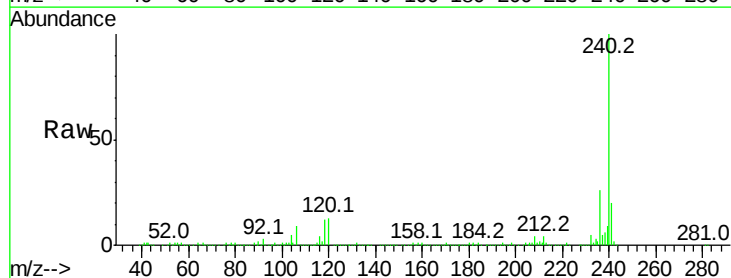
Tgt Ion:240 Resp: 304911

Ion Ratio Lower Upper

240 100

120 12.9 12.9 19.3

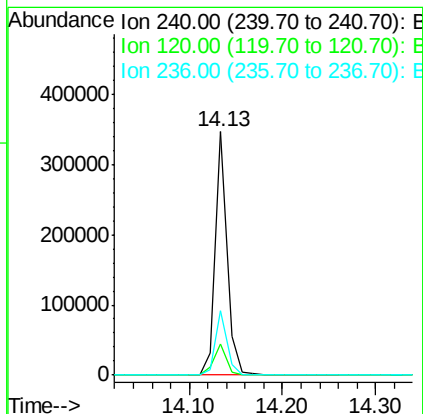
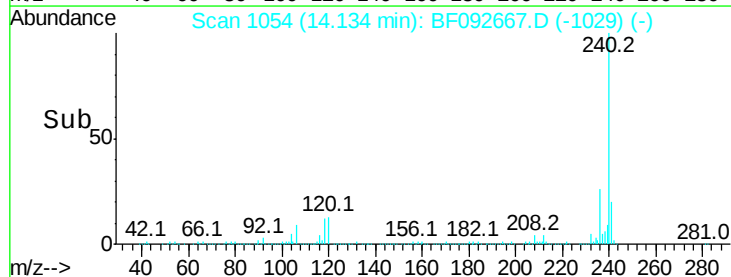
236 26.2 20.9 31.3

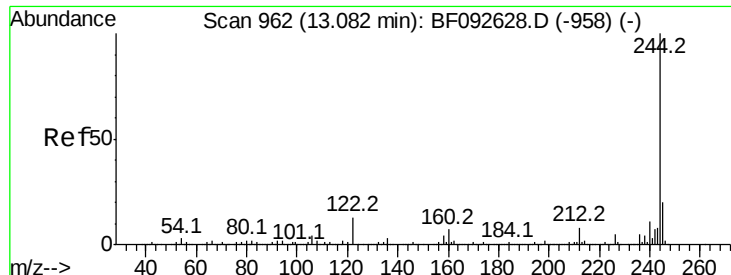


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 74.12 ng

RT: 13.08 min Scan# 962

Delta R.T. 0.00 min

Lab File: BF092667.D

Acq: 31 Jan 2017 7:39

Instrument :

BNA_F

ClientSampled :

W-1A

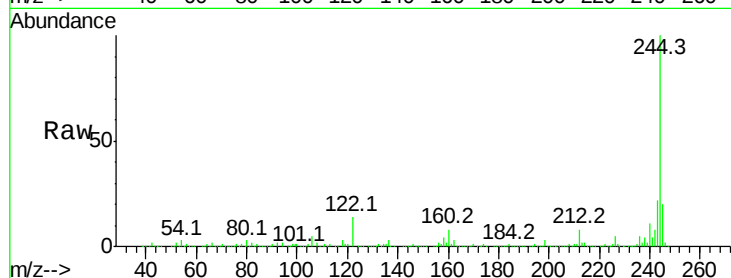
Tot Ion:244 Resp: 961865

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

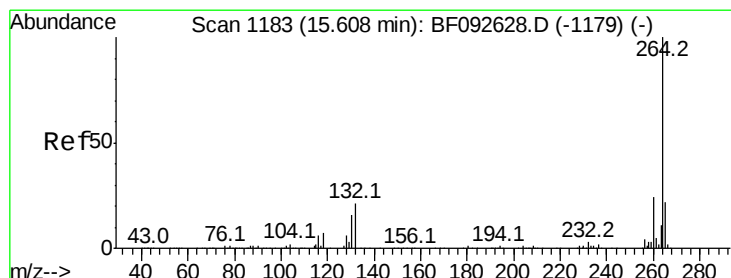
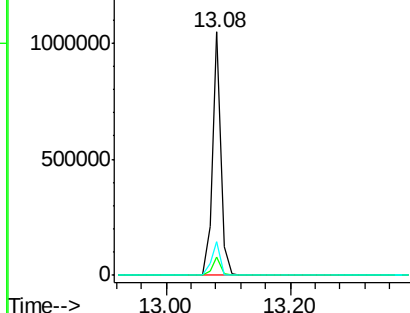
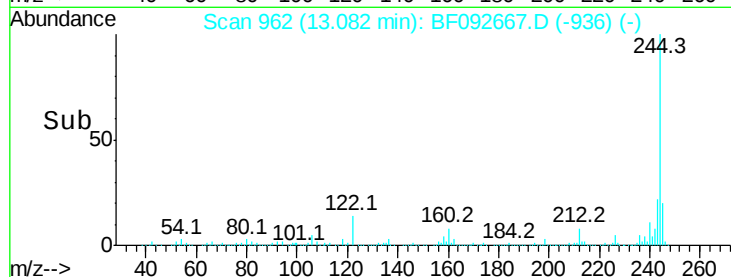
122 13.6 11.4 17.2



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: 15.61 min Scan# 1183

Delta R.T. 0.00 min

Lab File: BF092667.D

Acq: 31 Jan 2017 7:39

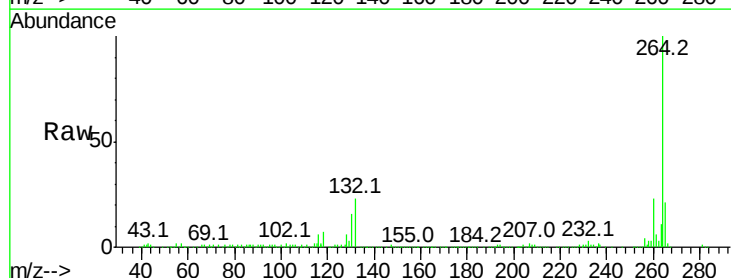
Tgt Ion:264 Resp: 220587

Ion Ratio Lower Upper

264 100

260 23.4 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

