

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011617\
 Data File : BF092291.D
 Acq On : 16 Jan 2017 18:07
 Operator : UM/SJ
 Sample : I1196-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-47

Quant Time: Jan 17 00:44:35 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 15:43:51 2017
 Response via : Initial Calibration

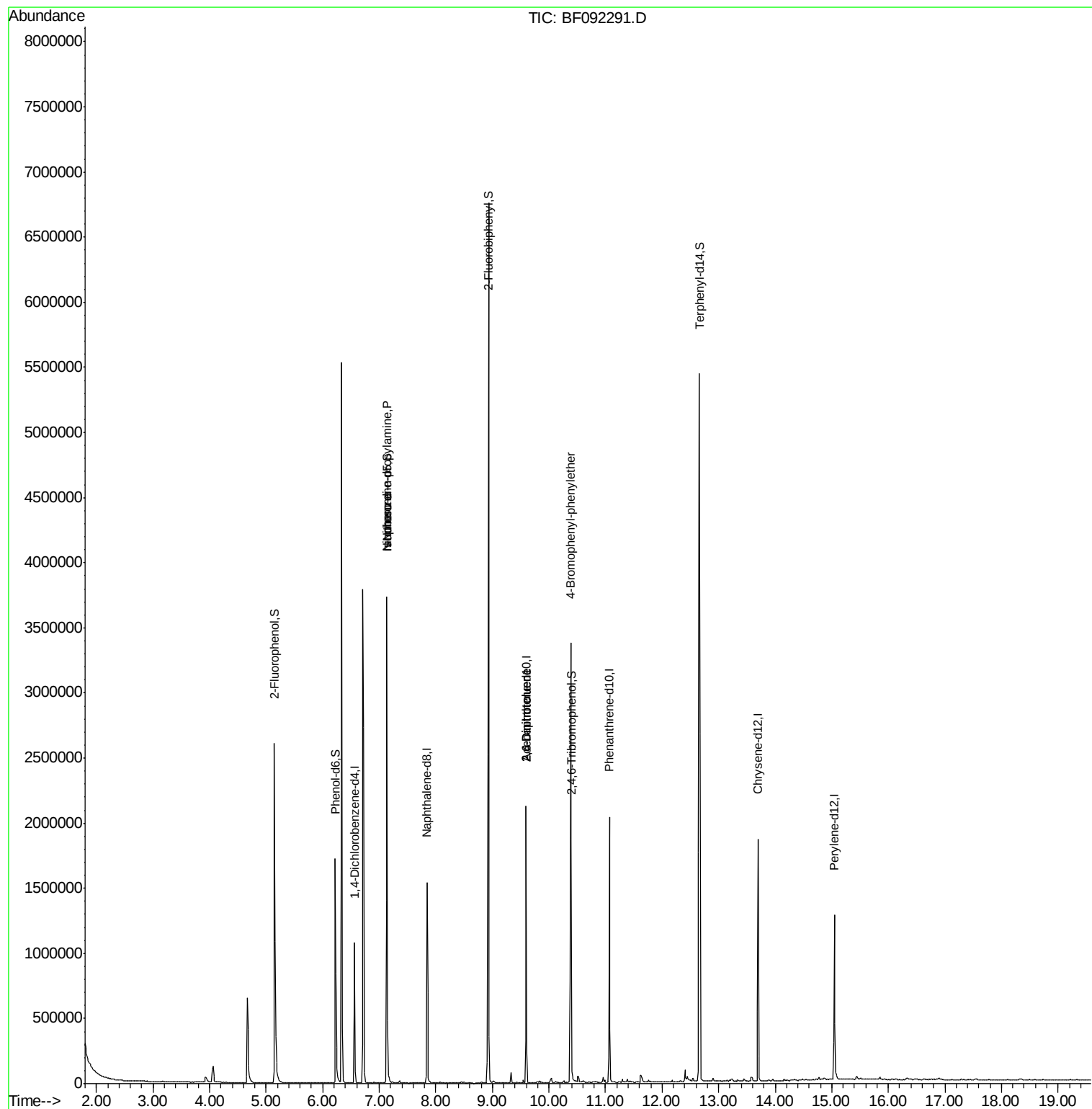
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	217662	20.00	ng	-0.08
21) Naphthalene-d8	7.84	136	825563	20.00	ng	-0.09
38) Acenaphthene-d10	9.59	164	436459	20.00	ng	-0.09
63) Phenanthrene-d10	11.07	188	724854	20.00	ng	-0.09
75) Chrysene-d12	13.70	240	662187	20.00	ng	-0.09
86) Perylene-d12	15.05	264	512833	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	938512	72.00	ng	-0.09
7) Phenol-d6	6.22	99	768782	48.30	ng	-0.09
23) Nitrobenzene-d5	7.14	82	1419372	95.60	ng	-0.08
41) 2,4,6-Tribromophenol	10.39	330	570797	158.03	ng	-0.08
44) 2-Fluorobiphenyl	8.93	172	2182770	105.59	ng	-0.08
78) Terphenyl-d14	12.66	244	2296245	84.10	ng	-0.09
Target Compounds						
9) Benzaldehyde	6.22	77	1241	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.14	70	187647	17.72 ng	#	77
25) Isophorone	7.14	82	1416692	51.72 ng	#	65
50) 2,6-Dinitrotoluene	9.59	165	58463	9.57 ng	#	30
56) 2,4-Dinitrotoluene	9.59	165	58465	7.62 ng	#	19
66) 4-Bromophenyl-phenylether	10.38	248	33618	4.46 ng	#	1
71) Anthracene	11.09	178	1044	Below Cal	#	59
73) Di-n-butylphthalate	11.65	149	15377	Below Cal	#	95
74) Fluoranthene	12.28	202	321	Below Cal	#	61
76) Benzydine	12.66	184	28767	Below Cal	#	96

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.56 min Scan# 418

Delta R.T. -0.08 min

Lab File: BF092291.D

Acq: 16 Jan 2017 18:07

Instrument :

BNA_F

ClientSampleId :

W-47

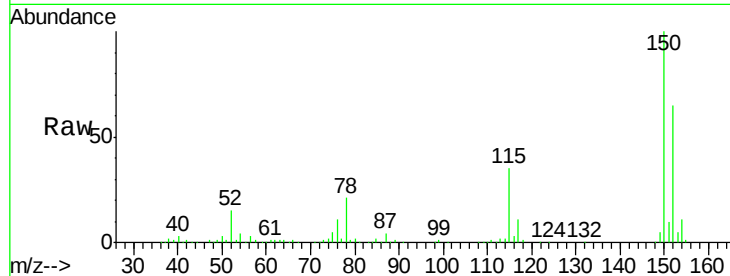
Tgt Ion:152 Resp: 217662

Ion Ratio Lower Upper

152 100

150 154.2 124.9 187.3

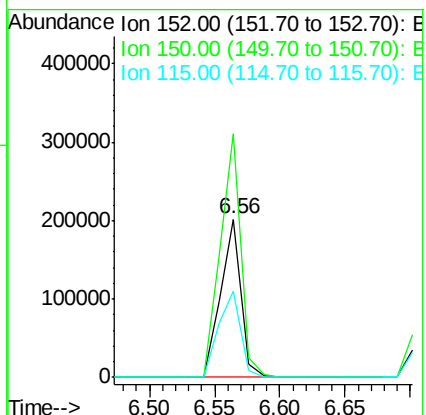
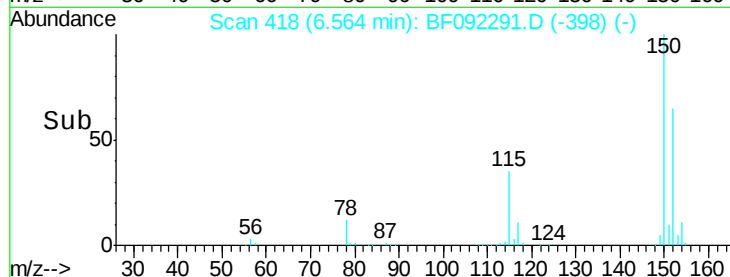
115 54.4 46.0 69.0



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: 72.00 ng

RT: 5.15 min Scan# 294

Delta R.T. -0.09 min

Lab File: BF092291.D

Acq: 16 Jan 2017 18:07

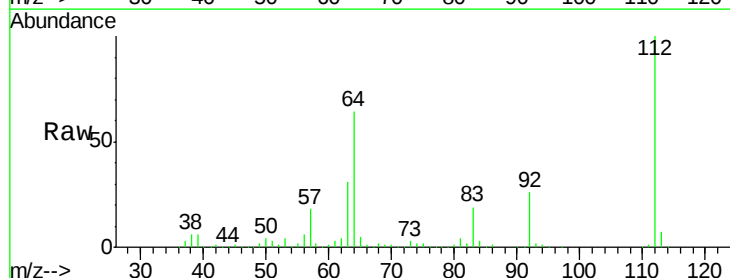
Tgt Ion:112 Resp: 938512

Ion Ratio Lower Upper

112 100

64 63.8 46.1 69.1

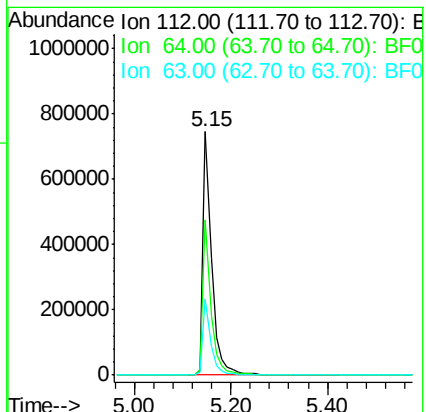
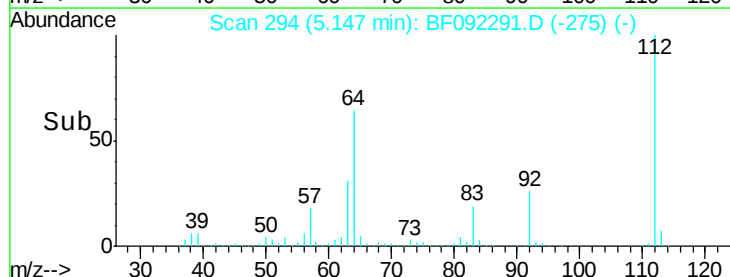
63 31.1 23.8 35.6



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: 48.30 ng

RT: 6.22 min Scan# 388

Delta R.T. -0.09 min

Lab File: BF092291.D

Acq: 16 Jan 2017 18:07

Instrument :

BNA_F

ClientSampleId :

W-47

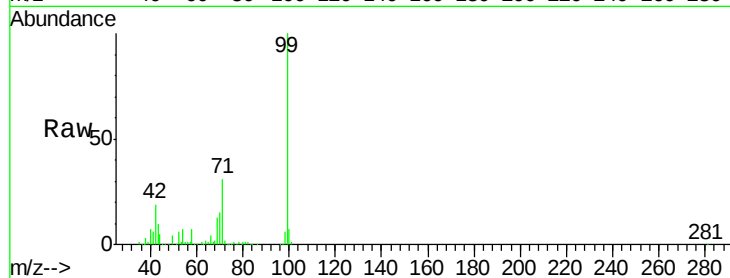
Tgt Ion: 99 Resp: 768782

Ion Ratio Lower Upper

99 100

42 18.7 15.6 23.4

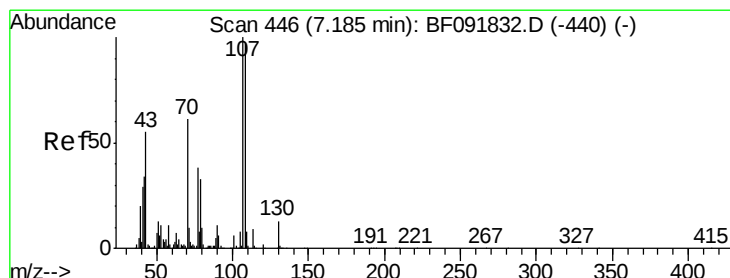
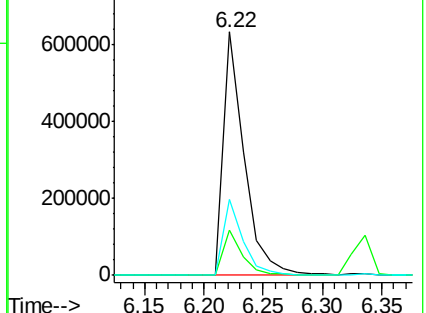
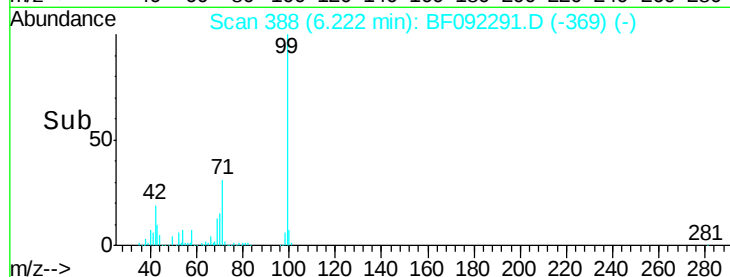
71 31.3 27.5 41.3



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: 17.72 ng

RT: 7.14 min Scan# 468

Delta R.T. 0.06 min

Lab File: BF092291.D

Acq: 16 Jan 2017 18:07

Tgt Ion: 70 Resp: 187647

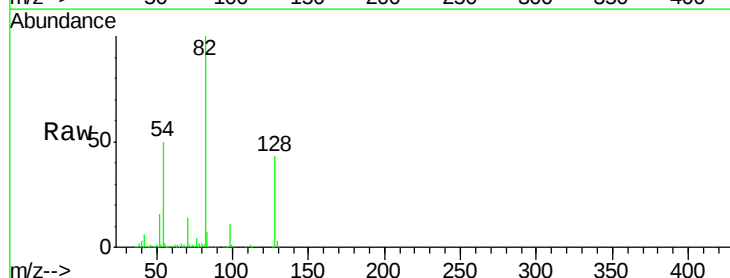
Ion Ratio Lower Upper

70 100

42 47.2 49.4 74.0#

101 0.0 7.4 11.2#

130 2.2 14.2 21.4#

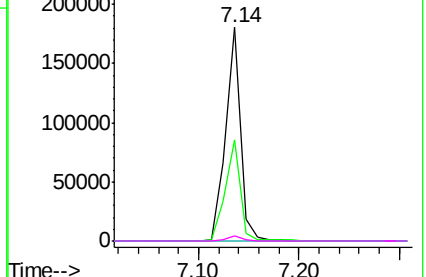
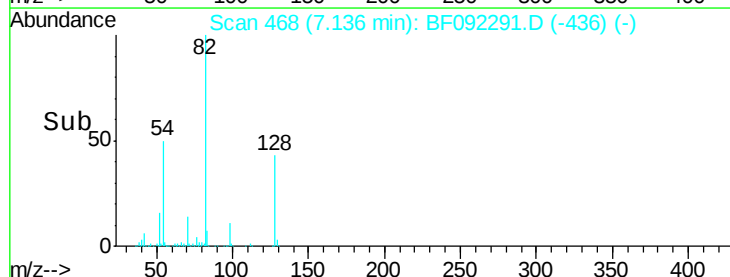


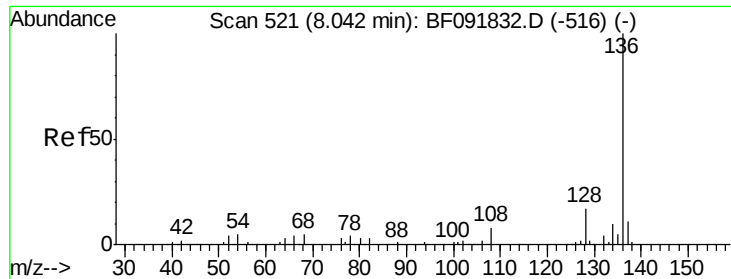
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

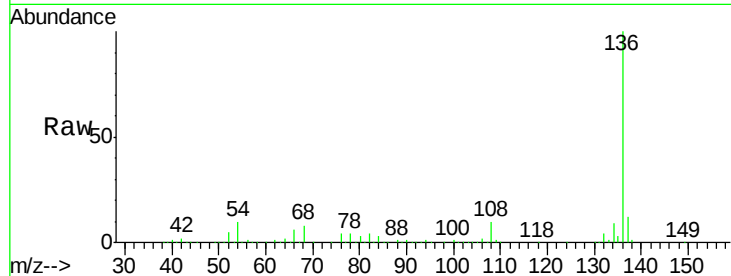




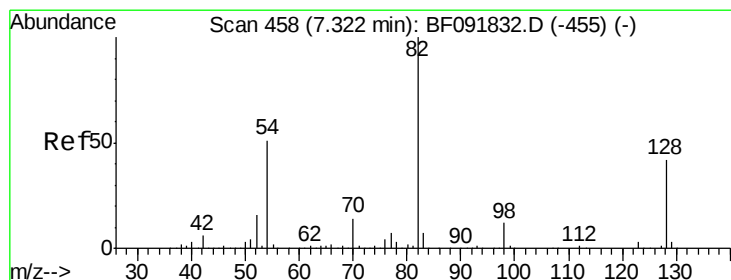
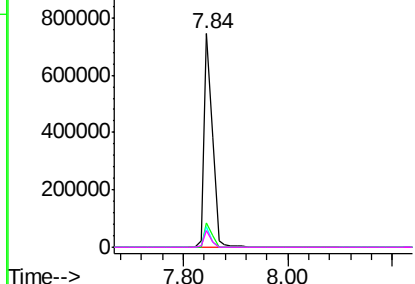
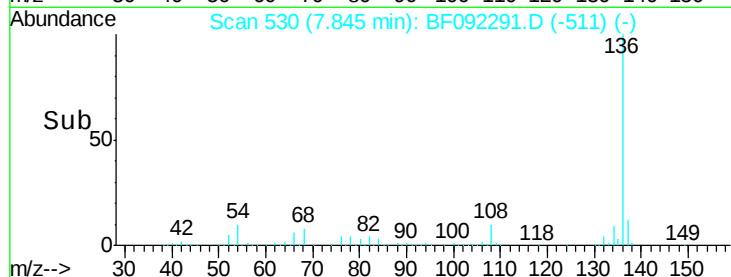
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 530
Delta R.T. -0.09 min
Lab File: BF092291.D
Acq: 16 Jan 2017 18:07

Instrument :
BNA_F
ClientSampleId :
W-47

Tgt Ion:	136	Resp:	825563
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.4	12.6
54	9.8	4.5	6.7#
68	7.6	3.6	5.4#

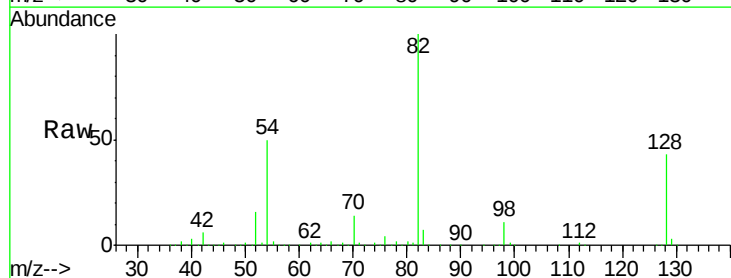


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

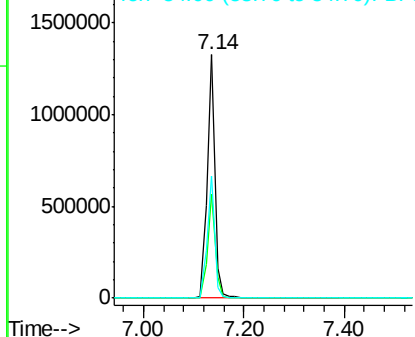
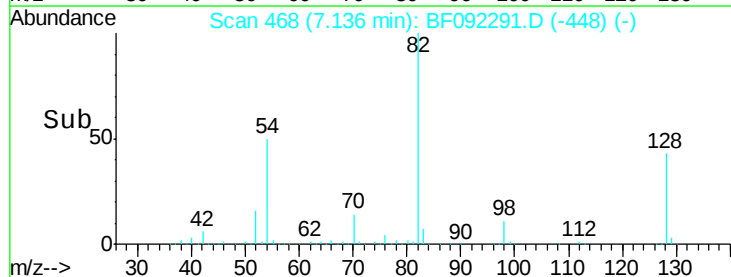


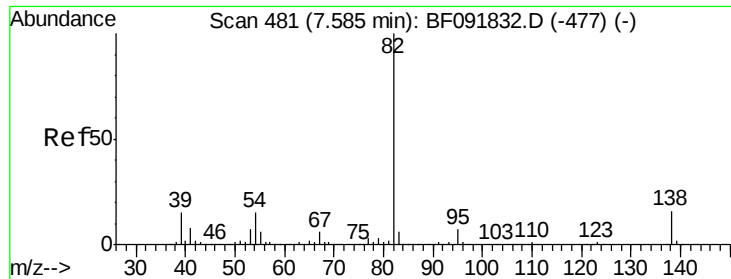
#23
Nitrobenzene-d5
Concen: 95.60 ng
RT: 7.14 min Scan# 468
Delta R.T. -0.08 min
Lab File: BF092291.D
Acq: 16 Jan 2017 18:07

Tgt Ion:	82	Resp:	1419372
Ion	Ratio	Lower	Upper
82	100		
128	42.6	34.6	52.0
54	49.9	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: 51.72 ng

RT: 7.14 min Scan# 468

Delta R.T. -0.34 min

Lab File: BF092291.D

Acq: 16 Jan 2017 18:07

Instrument :

BNA_F

ClientSampleId :

W-47

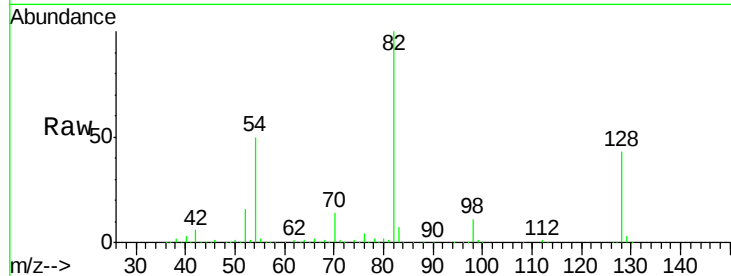
Tgt Ion: 82 Resp: 1416692

Ion Ratio Lower Upper

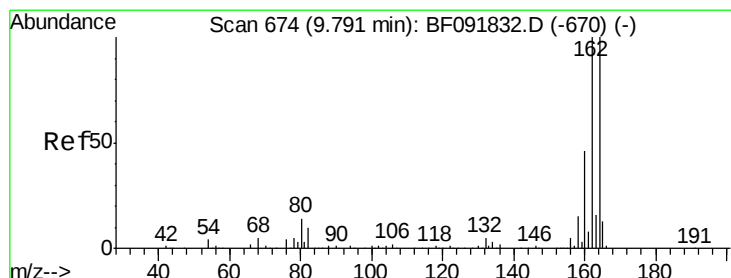
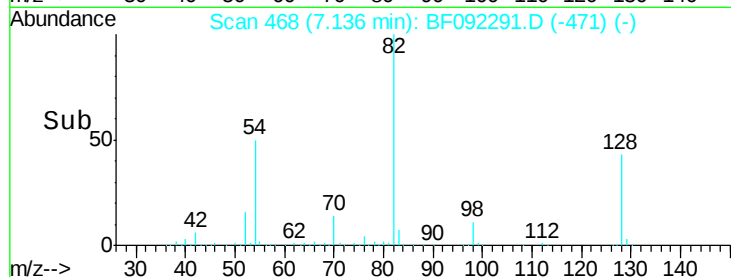
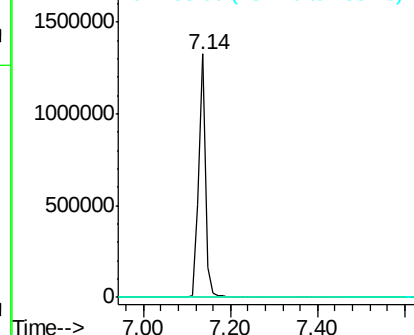
82 100

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: 9.59 min Scan# 683

Delta R.T. -0.09 min

Lab File: BF092291.D

Acq: 16 Jan 2017 18:07

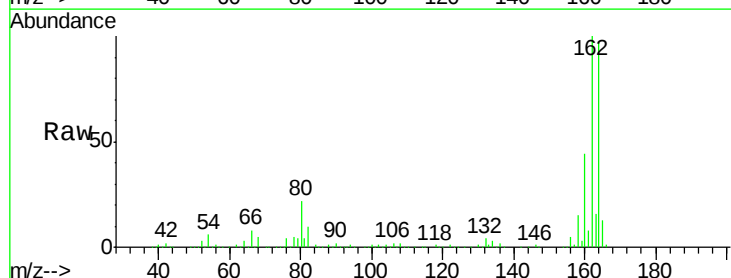
Tgt Ion: 164 Resp: 436459

Ion Ratio Lower Upper

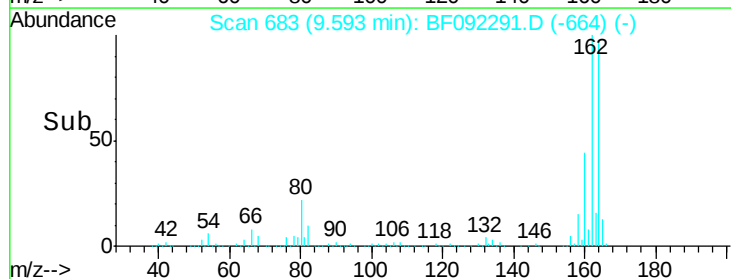
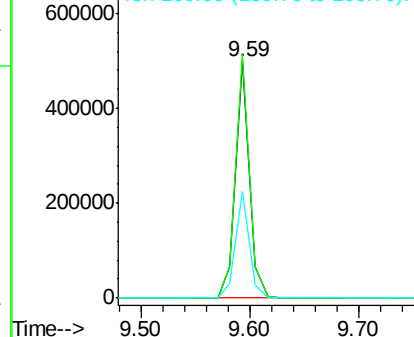
164 100

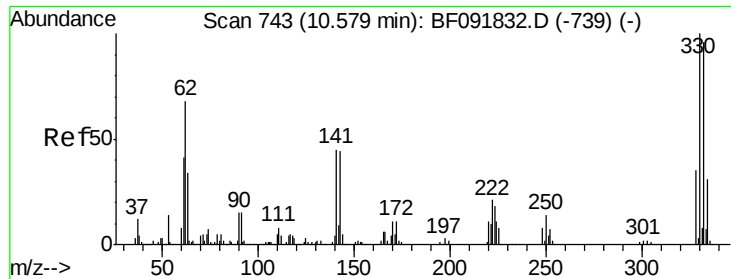
162 102.7 80.2 120.2

160 44.9 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

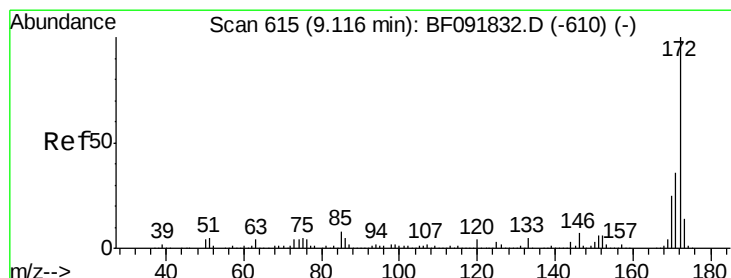
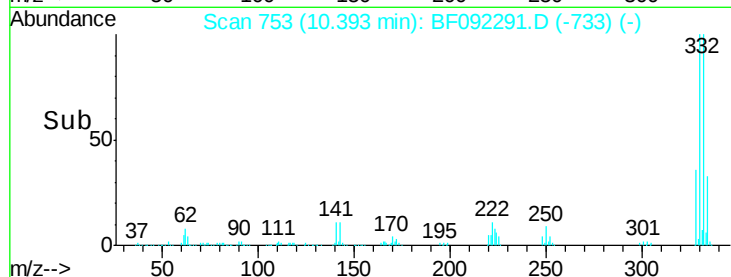
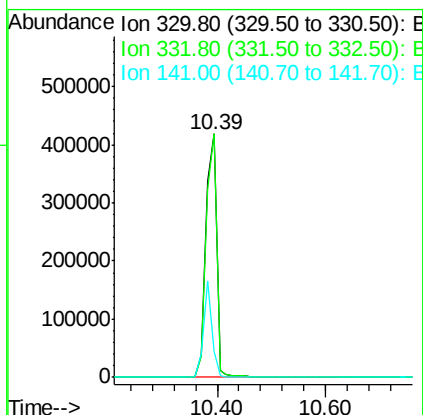
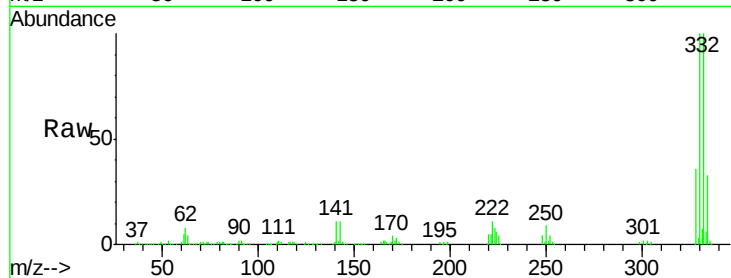




#41
 2,4,6-Tribromophenol
 Concen: 158.03 ng
 RT: 10.39 min Scan# 753
 Delta R.T. -0.08 min
 Lab File: BF092291.D
 Acq: 16 Jan 2017 18:07

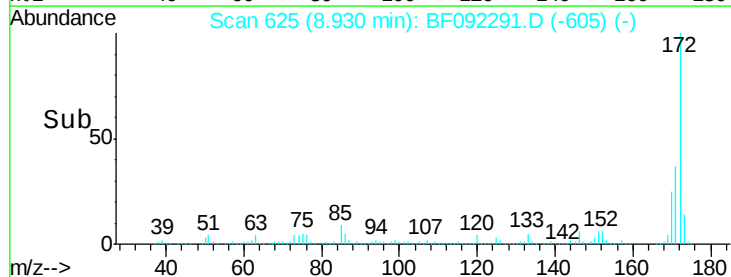
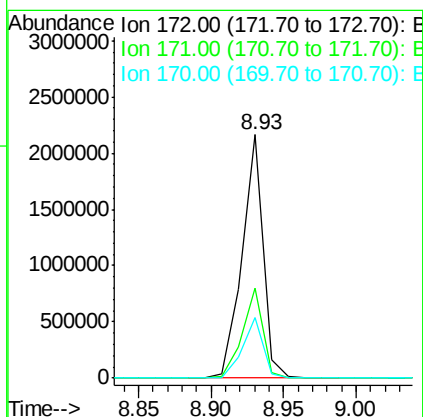
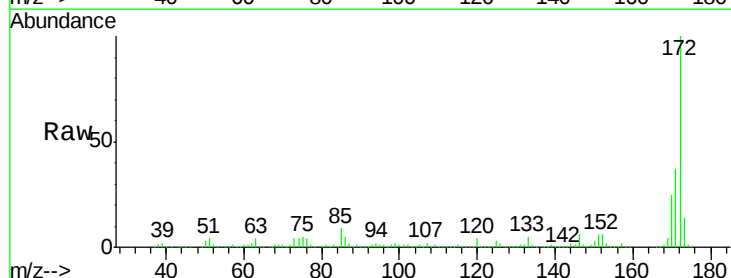
Instrument :
 BNA_F
 ClientSampled :
 W-47

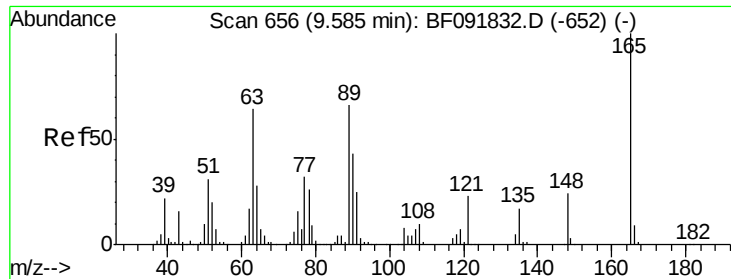
Tgt Ion:330 Resp: 570797
 Ion Ratio Lower Upper
 330 100
 332 97.9 77.4 116.2
 141 31.7 34.1 51.1#



#44
 2-Fluorobiphenyl
 Concen: 105.59 ng
 RT: 8.93 min Scan# 625
 Delta R.T. -0.08 min
 Lab File: BF092291.D
 Acq: 16 Jan 2017 18:07

Tgt Ion:172 Resp: 2182770
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.4 44.0
 170 24.9 20.2 30.4





#50

2,6-Dinitrotoluene

Concen: 9.57 ng

RT: 9.59 min Scan# 683

Delta R.T. 0.12 min

Lab File: BF092291.D

Acq: 16 Jan 2017 18:07

Instrument :

BNA_F

ClientSampleId :

W-47

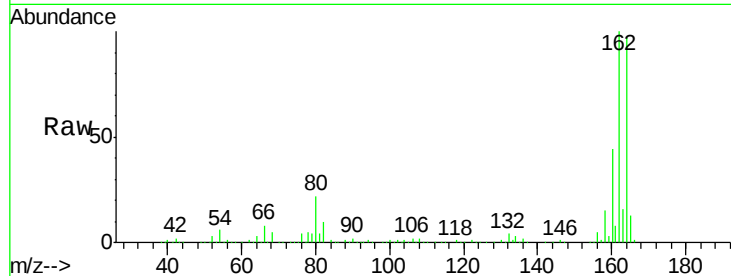
Tgt Ion:165 Resp: 58463

Ion Ratio Lower Upper

165 100

63 1.0 36.2 54.4#

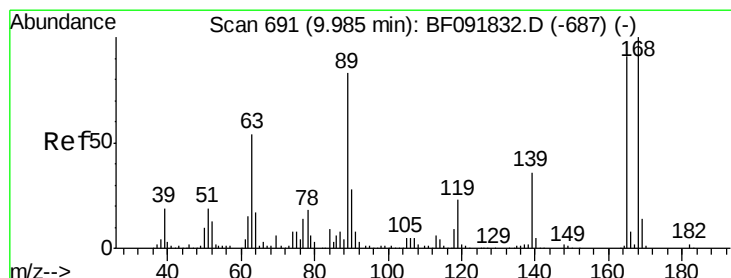
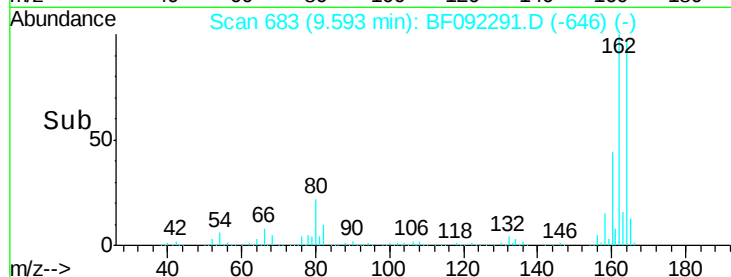
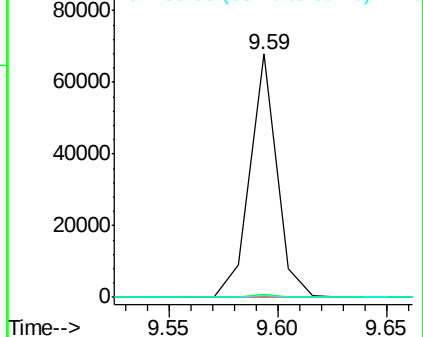
89 0.9 40.2 60.4#



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: 7.62 ng

RT: 9.59 min Scan# 683

Delta R.T. -0.29 min

Lab File: BF092291.D

Acq: 16 Jan 2017 18:07

Tgt Ion:165 Resp: 58465

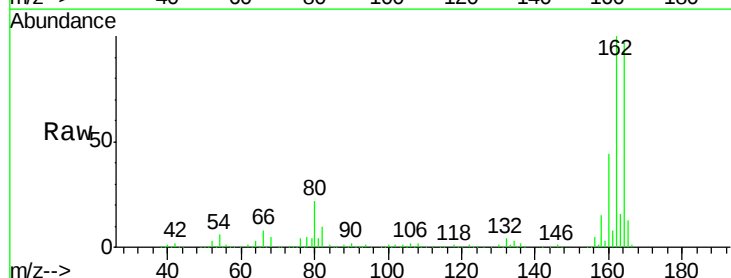
Ion Ratio Lower Upper

165 100

63 1.0 40.2 60.4#

89 0.9 62.5 93.7#

182 0.0 1.8 2.8#

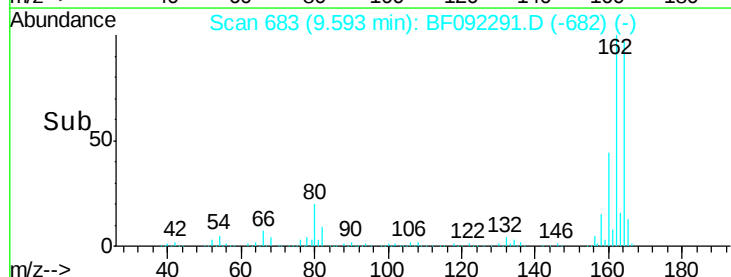
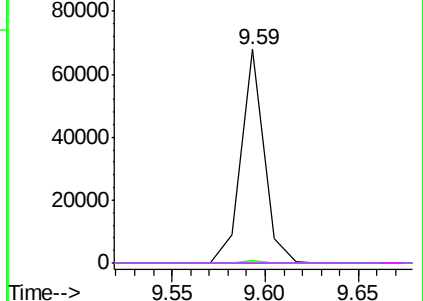


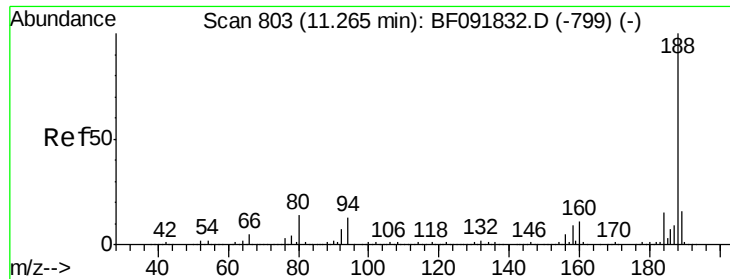
Abundance Ion 165.00 (164.70 to 165.70): E

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

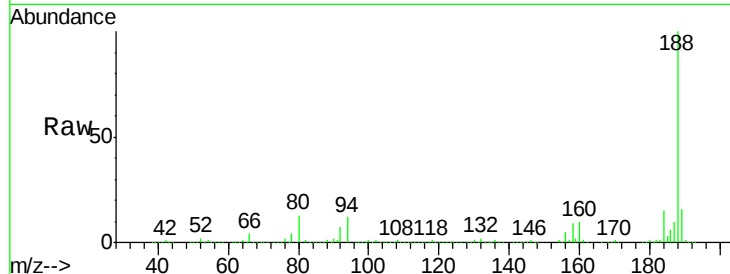




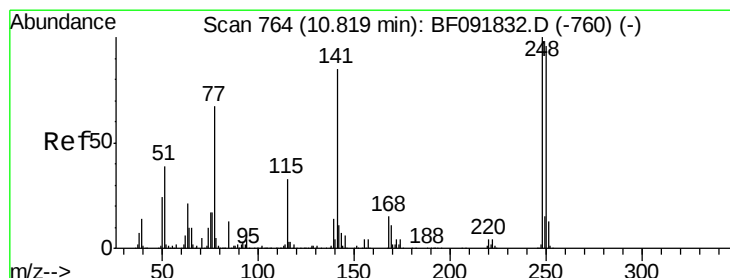
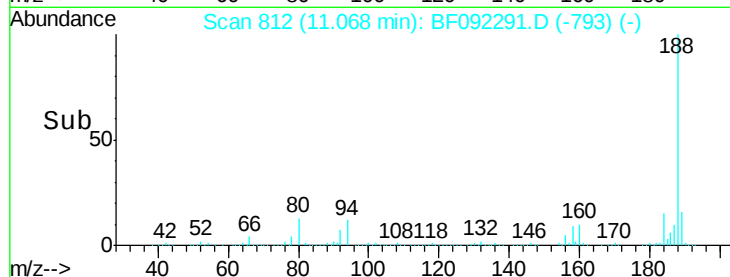
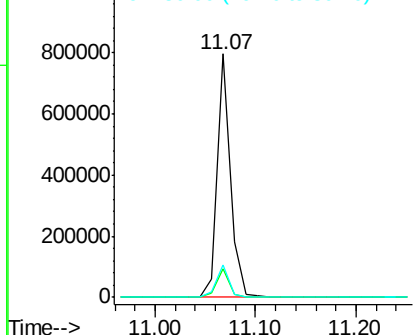
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.07 min Scan# 812
 Delta R.T. -0.09 min
 Lab File: BF092291.D
 Acq: 16 Jan 2017 18:07

Instrument :
 BNA_F
 ClientSampleId :
 W-47

Tgt Ion:188 Resp: 724854
 Ion Ratio Lower Upper
 188 100
 94 11.8 10.0 15.0
 80 13.1 11.2 16.8

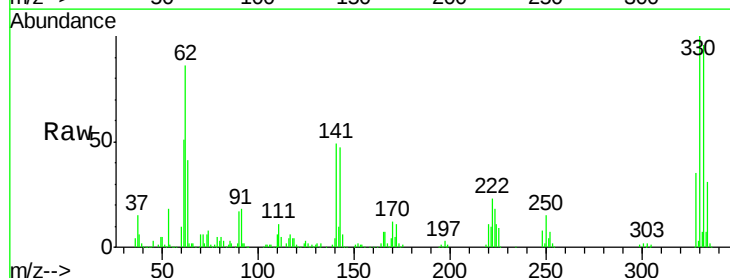


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

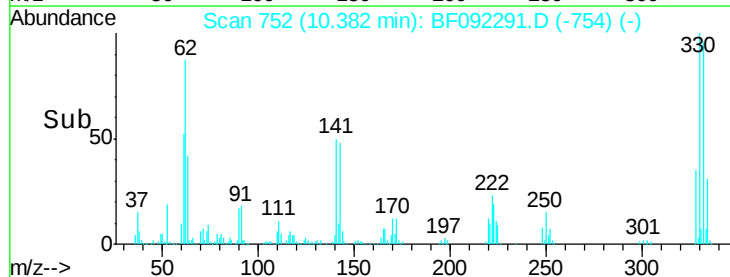
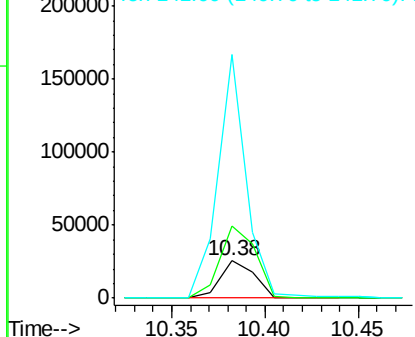


#66
 4-Bromophenyl-phenylether
 Concen: 4.46 ng
 RT: 10.38 min Scan# 752
 Delta R.T. -0.33 min
 Lab File: BF092291.D
 Acq: 16 Jan 2017 18:07

Tgt Ion:248 Resp: 33618
 Ion Ratio Lower Upper
 248 100
 250 194.0 76.9 115.3#
 141 653.5 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





#73

Di-n-butylphthalate

Concen: Below Cal

RT: 11.65 min Scan# 863

Delta R.T. -0.08 min

Lab File: BF092291.D

Acq: 16 Jan 2017 18:07

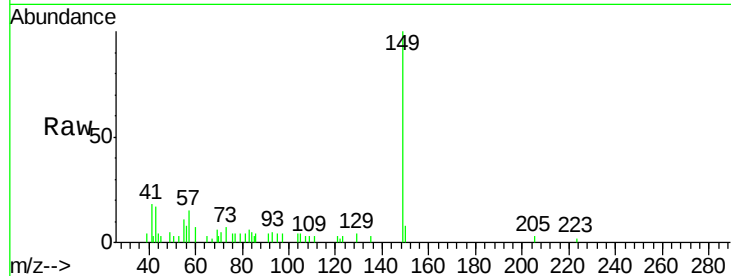
Instrument :

BNA_F

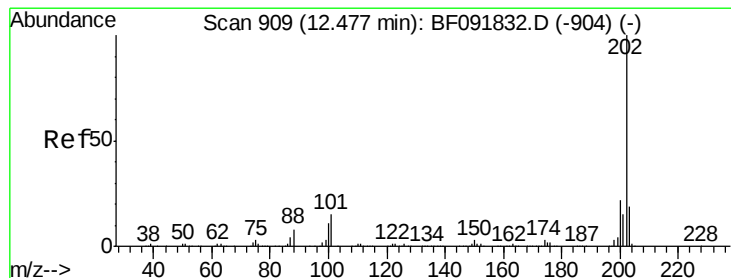
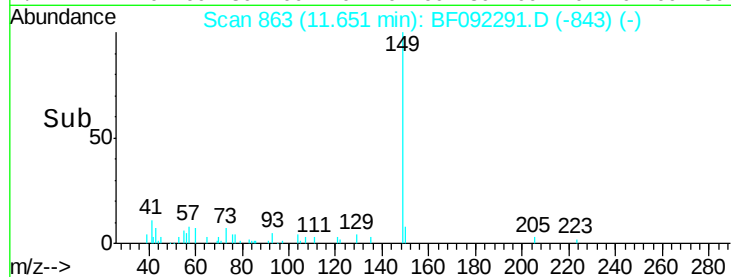
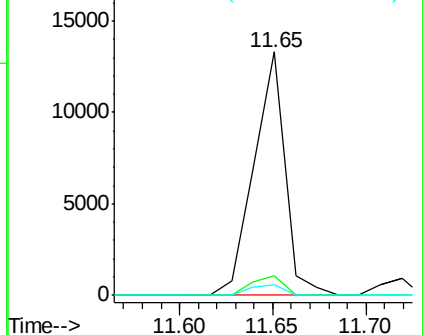
ClientSampleId :

W-47

Tgt Ion:	149	Resp:	15377
Ion	Ratio	Lower	Upper
149	100		
150	8.2	8.1	12.1
104	4.4	4.6	7.0#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: Below Cal

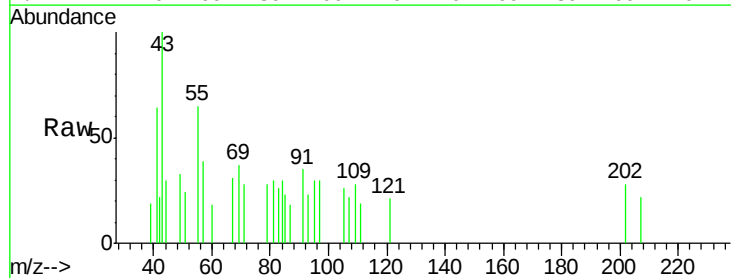
RT: 12.28 min Scan# 918

Delta R.T. -0.09 min

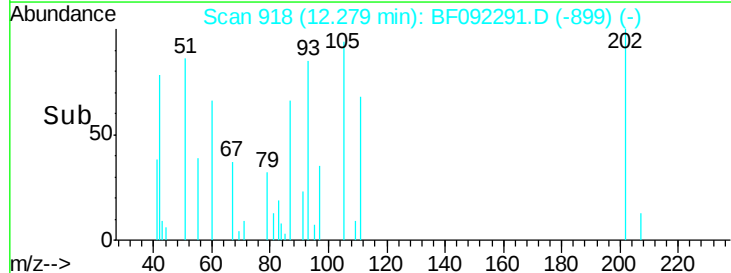
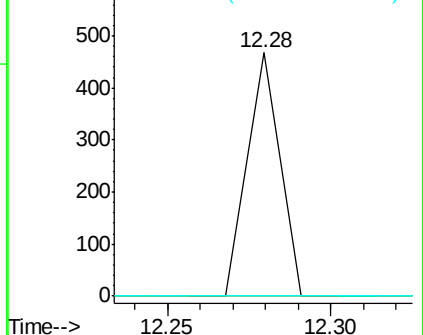
Lab File: BF092291.D

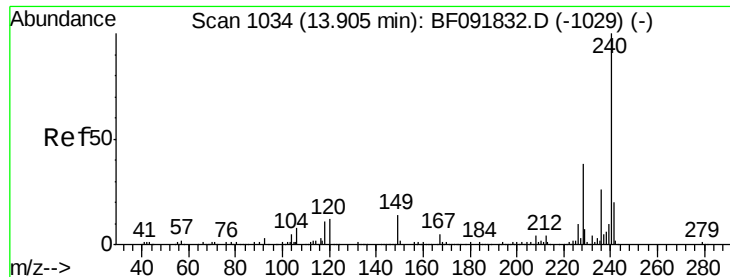
Acq: 16 Jan 2017 18:07

Tgt Ion:	202	Resp:	321
Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	34.6
203	0.0	0.0	38.7



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.70 min Scan# 1042

Delta R.T. -0.09 min

Lab File: BF092291.D

Acq: 16 Jan 2017 18:07

Instrument :

BNA_F

ClientSampled :

W-47

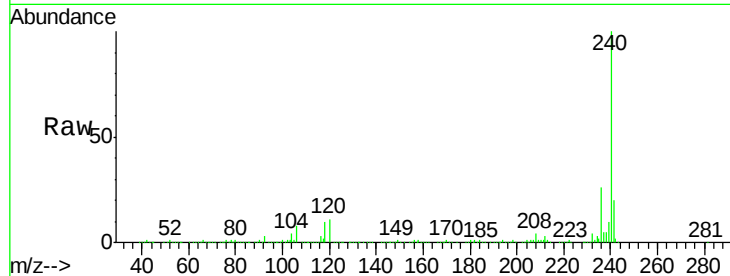
Tgt Ion:240 Resp: 662187

Ion Ratio Lower Upper

240 100

120 11.2 12.9 19.3#

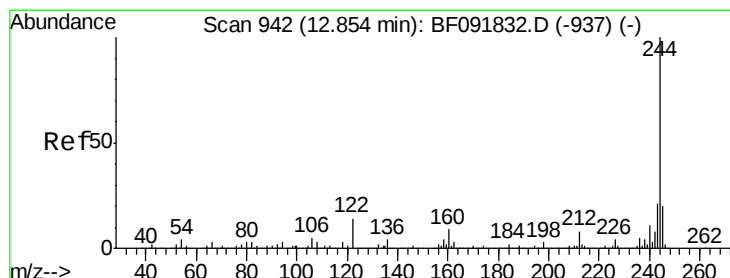
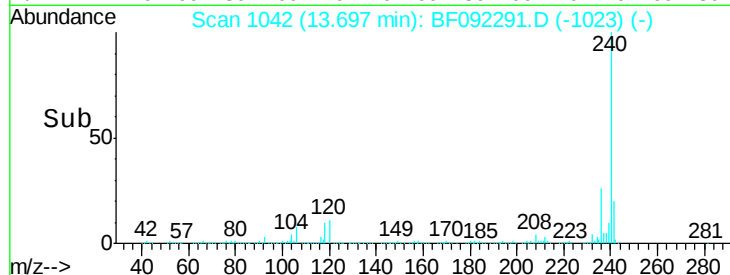
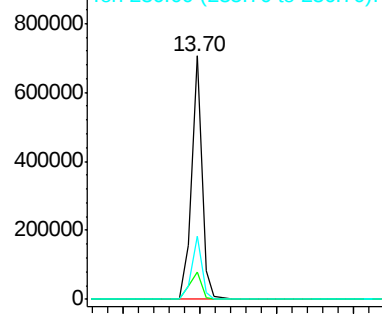
236 25.9 20.9 31.3



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: 84.10 ng

RT: 12.66 min Scan# 951

Delta R.T. -0.09 min

Lab File: BF092291.D

Acq: 16 Jan 2017 18:07

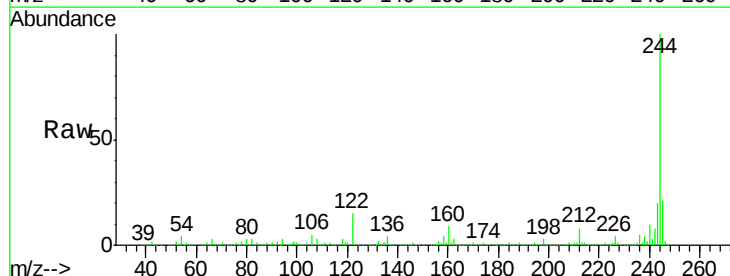
Tgt Ion:244 Resp: 2296245

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

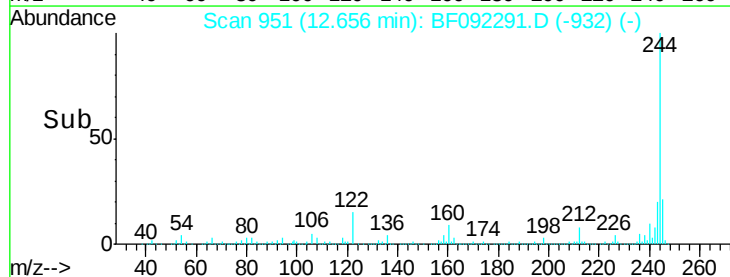
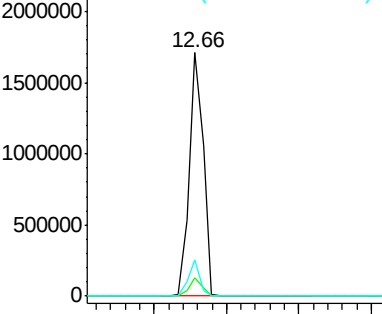
122 14.7 11.4 17.2

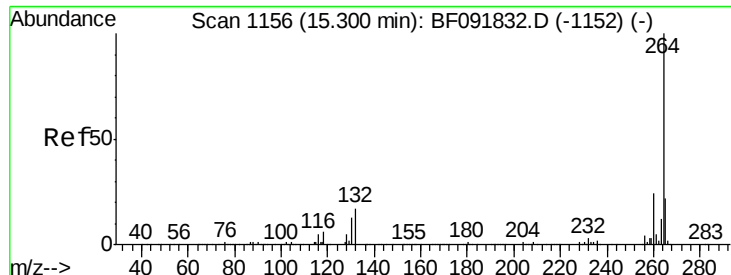


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

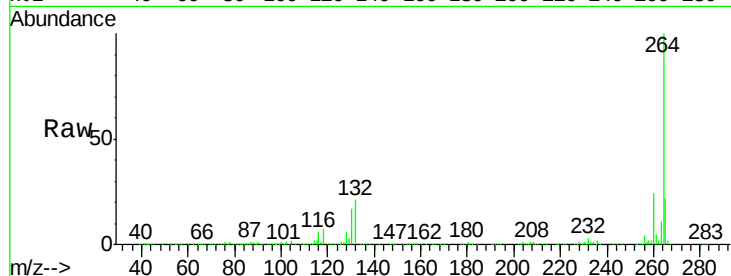




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.05 min Scan# 1160
Delta R.T. -0.10 min
Lab File: BF092291.D
Acq: 16 Jan 2017 18:07

Instrument :
BNA_F
ClientSampleId :
W-47

Tgt Ion: 264 Resp: 512833
Ion Ratio Lower Upper
264 100
260 23.6 19.2 28.8
265 21.9 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

