

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111616\
 Data File : BF091190.D
 Acq On : 16 Nov 2016 16:15
 Operator : UM/SJ
 Sample : PB94688BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB94688BL

Quant Time: Nov 16 23:51:38 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 12:59:29 2016
 Response via : Initial Calibration

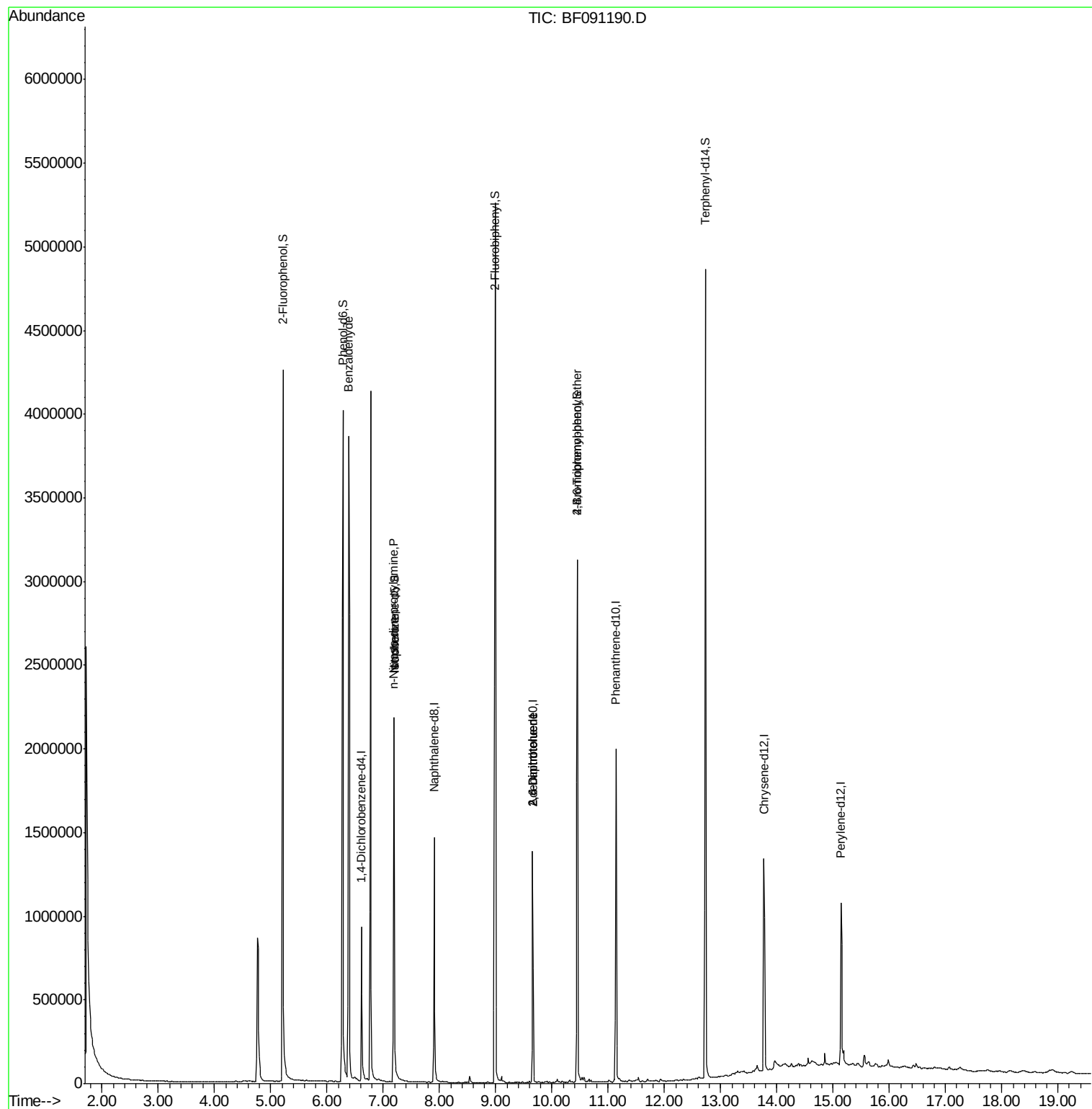
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	180853	20.00	ng	-0.05
21) Naphthalene-d8	7.90	136	756697	20.00	ng	-0.05
38) Acenaphthene-d10	9.65	164	373956	20.00	ng	-0.05
63) Phenanthrene-d10	11.14	188	715468	20.00	ng	-0.03
75) Chrysene-d12	13.77	240	565864	20.00	ng	-0.05
86) Perylene-d12	15.14	264	467661	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1537803	140.43	ng	-0.02
7) Phenol-d6	6.28	99	1969448	132.50	ng	-0.03
23) Nitrobenzene-d5	7.20	82	1263335	91.07	ng	-0.05
41) 2,4,6-Tribromophenol	10.45	330	534799	158.19	ng	-0.03
44) 2-Fluorobiphenyl	8.99	172	1980113	91.16	ng	-0.05
78) Terphenyl-d14	12.73	244	2283487	100.70	ng	-0.03
Target Compounds						
9) Benzaldehyde	6.38	77	33352	4.04	ng	Qvalue 87
19) n-Nitroso-di-n-propylamine	7.18	70	170592	16.56	ng	# 79
25) Isophorone	7.20	82	1191795	44.59	ng	# 67
50) 2,6-Dinitrotoluene	9.65	165	47934	9.12	ng	# 11
56) 2,4-Dinitrotoluene	9.65	165	47936	7.17	ng	# 26
66) 4-Bromophenyl-phenylether	10.45	248	36112	4.85	ng	# 1

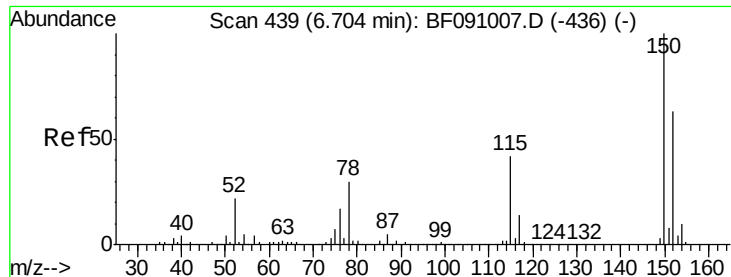
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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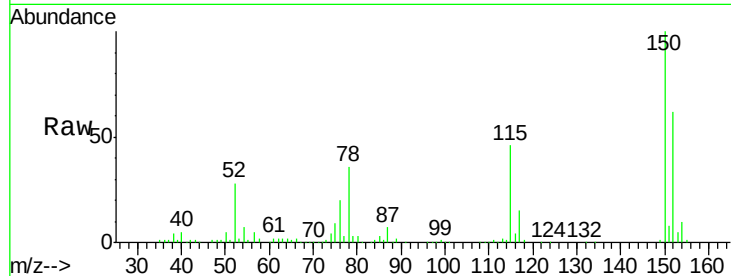




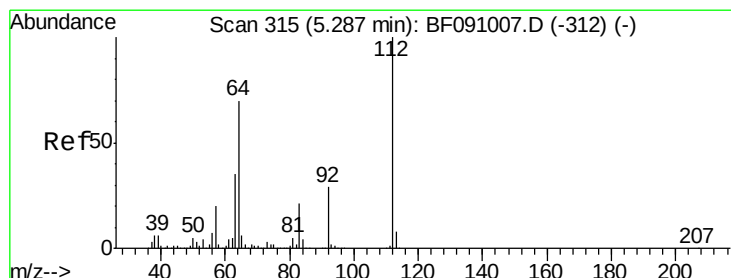
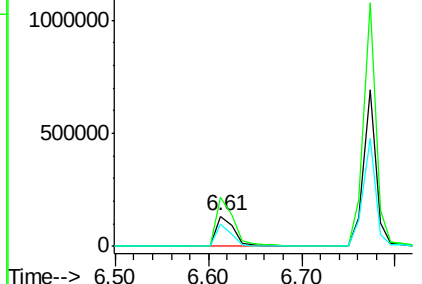
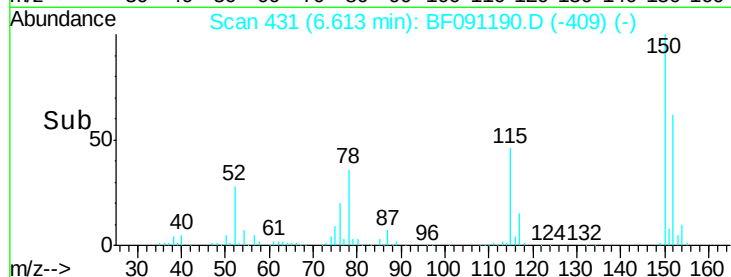
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.61 min Scan# 431
 Delta R.T. -0.05 min
 Lab File: BF091190.D
 Acq: 16 Nov 2016 16:15

Instrument :
 BNA_F
 ClientSampleId :
 PB94688BL

Tgt Ion:152 Resp: 180853
 Ion Ratio Lower Upper
 152 100
 150 161.0 126.8 190.2
 115 74.7 53.3 79.9

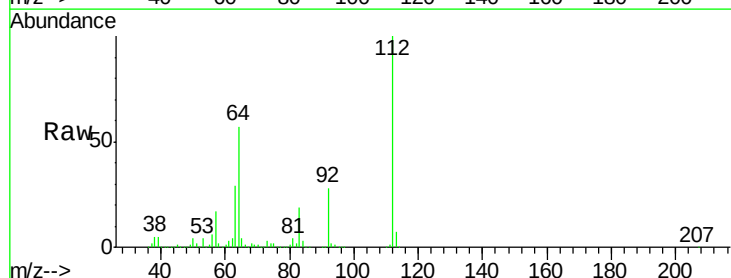


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

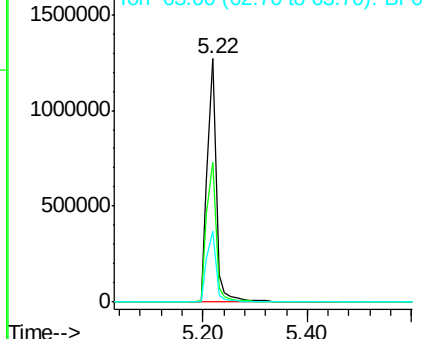
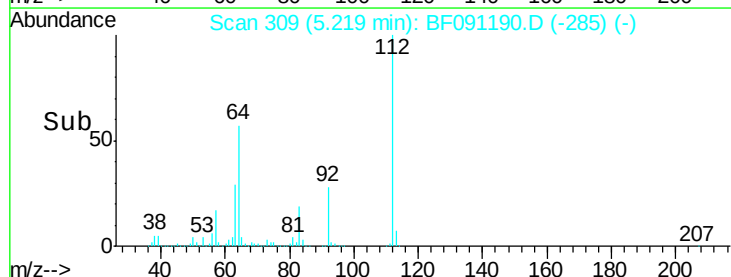


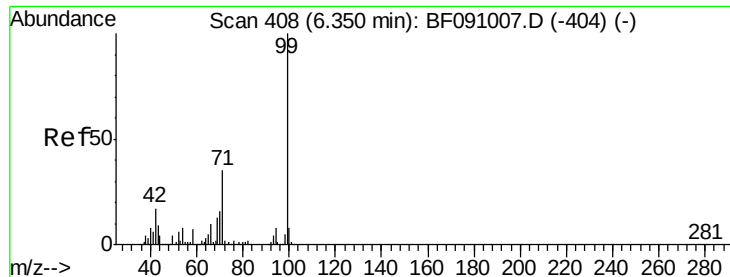
#5
 2-Fluorophenol
 Concen: 140.43 ng
 RT: 5.22 min Scan# 309
 Delta R.T. -0.02 min
 Lab File: BF091190.D
 Acq: 16 Nov 2016 16:15

Tgt Ion:112 Resp: 1537803
 Ion Ratio Lower Upper
 112 100
 64 57.4 55.8 83.6
 63 29.2 28.0 42.0



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: 132.50 ng

RT: 6.28 min Scan# 402

Delta R.T. -0.03 min

Lab File: BF091190.D

Acq: 16 Nov 2016 16:15

Instrument :

BNA_F

ClientSampleId :

PB94688BL

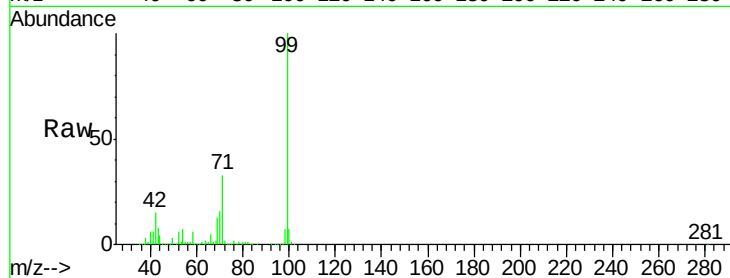
Tgt Ion: 99 Resp: 1969448

Ion Ratio Lower Upper

99 100

42 15.4 13.9 20.9

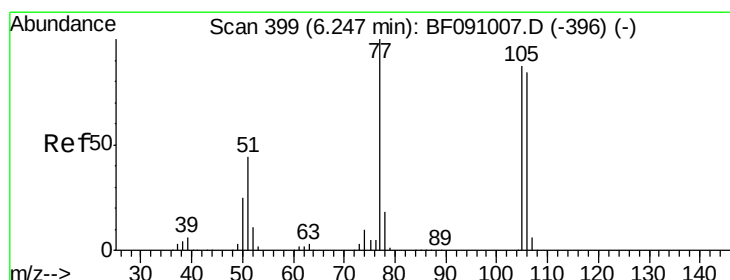
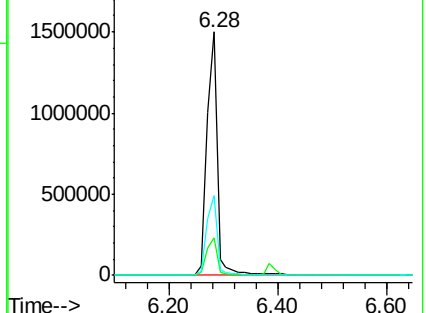
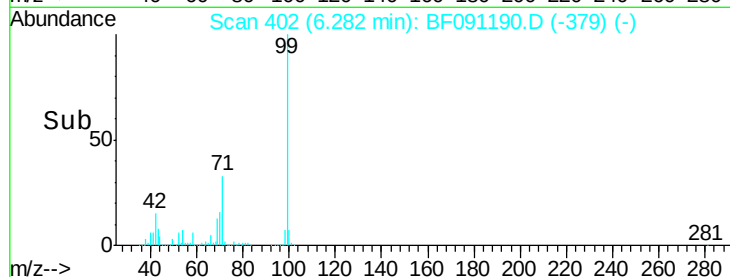
71 32.8 27.8 41.8



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



#9

Benzaldehyde

Concen: 4.04 ng

RT: 6.38 min Scan# 411

Delta R.T. 0.18 min

Lab File: BF091190.D

Acq: 16 Nov 2016 16:15

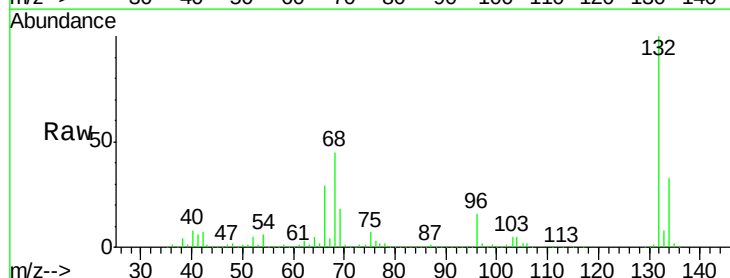
Tgt Ion: 77 Resp: 33352

Ion Ratio Lower Upper

77 100

105 78.9 66.8 106.8

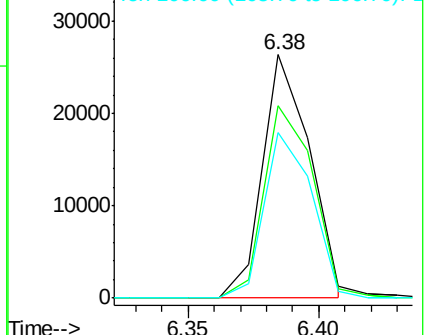
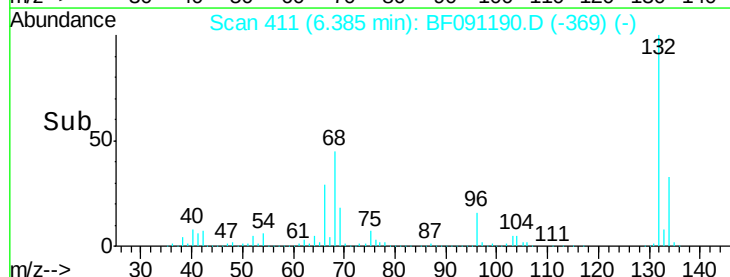
106 68.0 64.0 104.0

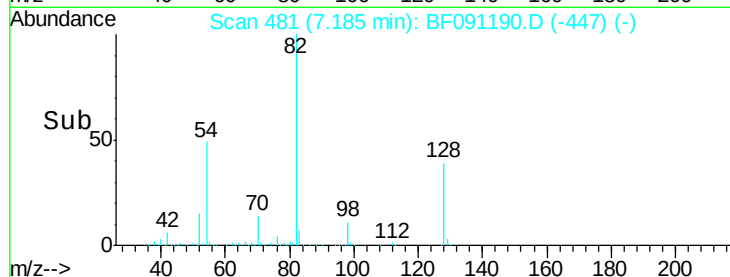
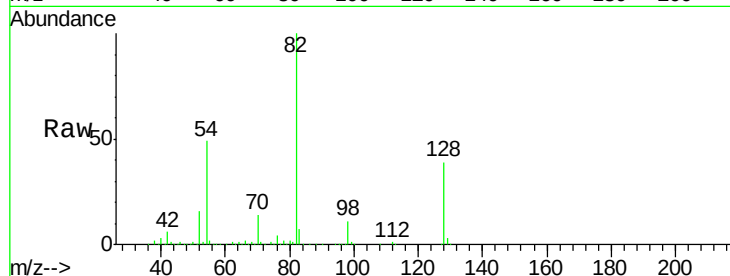
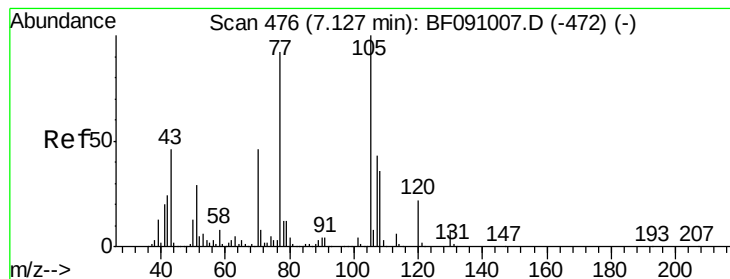


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 16.56 ng

RT: 7.18 min Scan# 481

Delta R.T. 0.09 min

Lab File: BF091190.D

Acq: 16 Nov 2016 16:15

Instrument :

BNA_F

ClientSampleId :

PB94688BL

Tgt Ion: 70 Resp: 170592

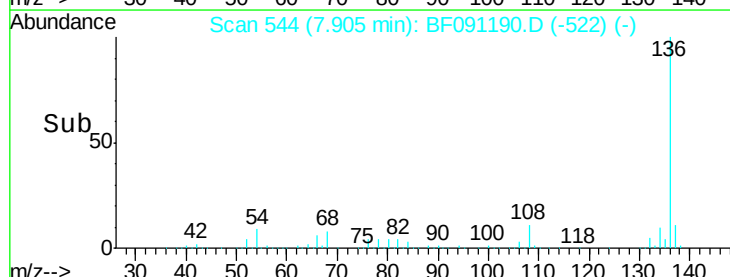
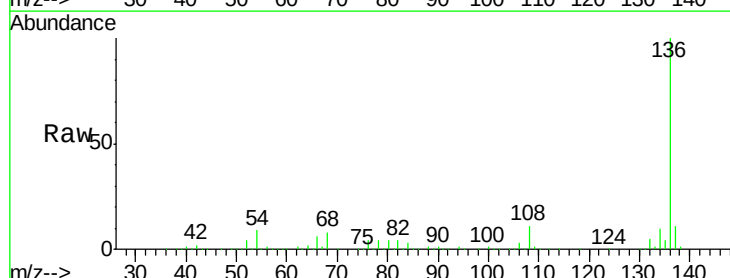
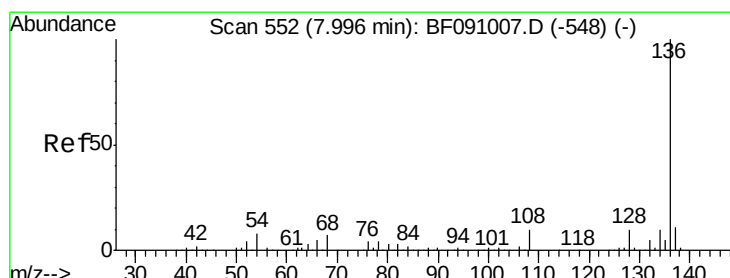
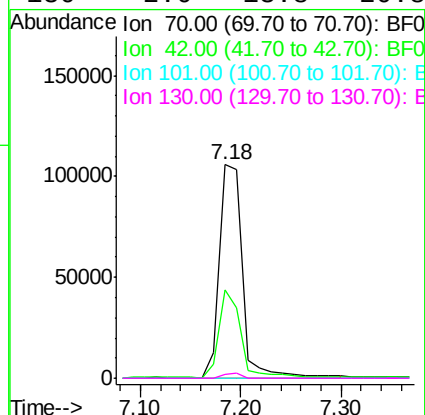
Ion Ratio Lower Upper

70 100

42 41.2 41.7 62.5#

101 0.0 6.7 10.1#

130 2.0 13.8 20.8#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.90 min Scan# 544

Delta R.T. -0.05 min

Lab File: BF091190.D

Acq: 16 Nov 2016 16:15

Tgt Ion: 136 Resp: 756697

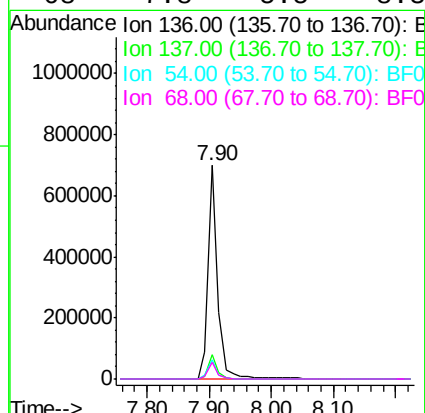
Ion Ratio Lower Upper

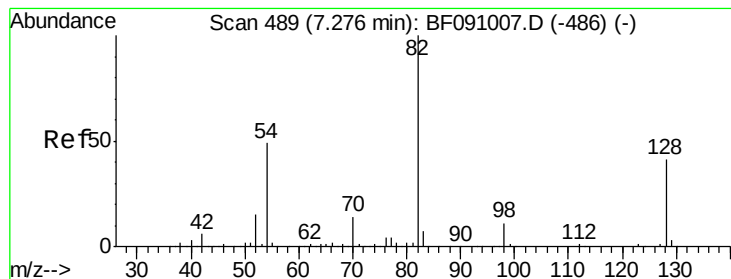
136 100

137 11.1 8.9 13.3

54 8.8 6.2 9.2

68 7.8 5.5 8.3





#23

Nitrobenzene-d5

Concen: 91.07 ng

RT: 7.20 min Scan# 482

Delta R.T. -0.05 min

Lab File: BF091190.D

Acq: 16 Nov 2016 16:15

Instrument :

BNA_F

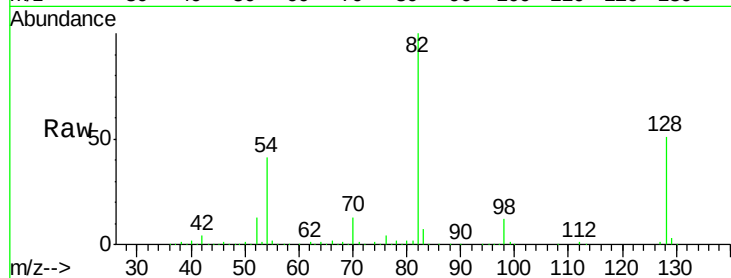
ClientSampleId :

PB94688BL

Tgt Ion: 82 Resp: 1263335

Ion Ratio Lower Upper

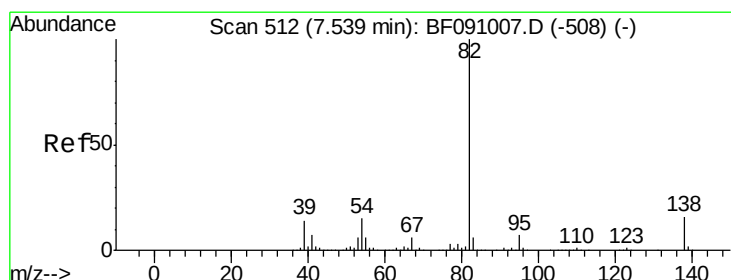
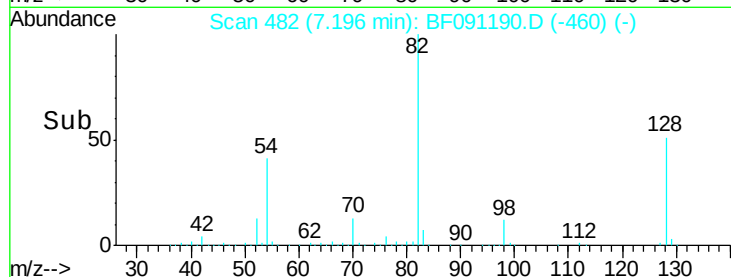
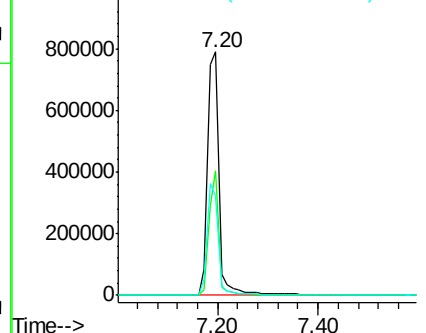
82	100		
128	50.9	32.4	48.6#
54	40.5	39.2	58.8



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#25

Isophorone

Concen: 44.59 ng

RT: 7.20 min Scan# 482

Delta R.T. -0.30 min

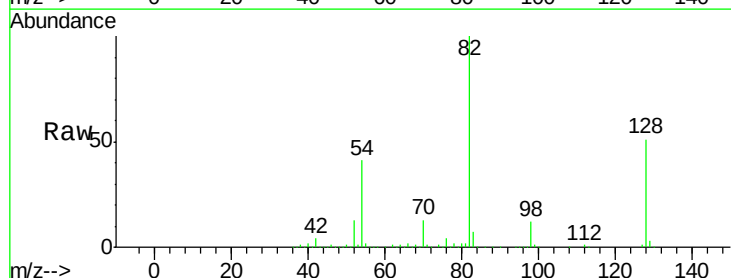
Lab File: BF091190.D

Acq: 16 Nov 2016 16:15

Tgt Ion: 82 Resp: 1191795

Ion Ratio Lower Upper

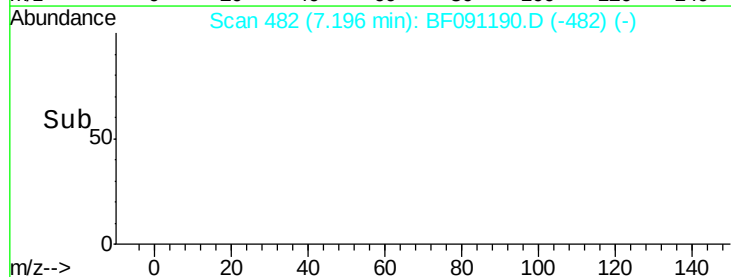
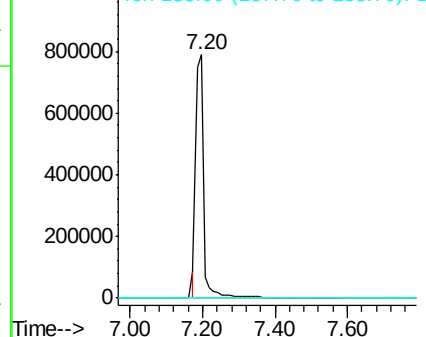
82	100		
95	0.0	5.4	8.0#
138	0.0	13.0	19.4#

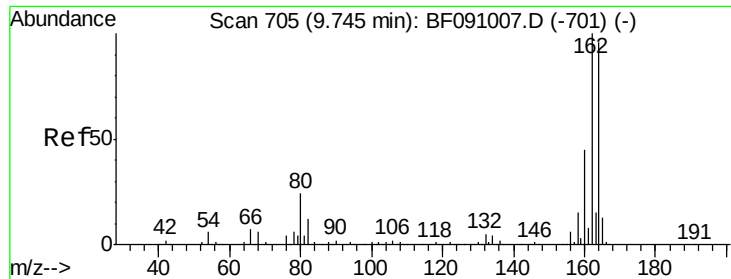


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

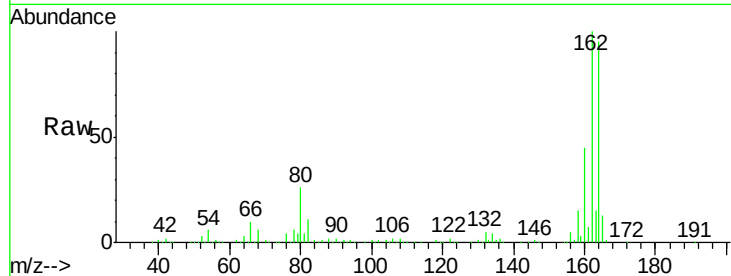




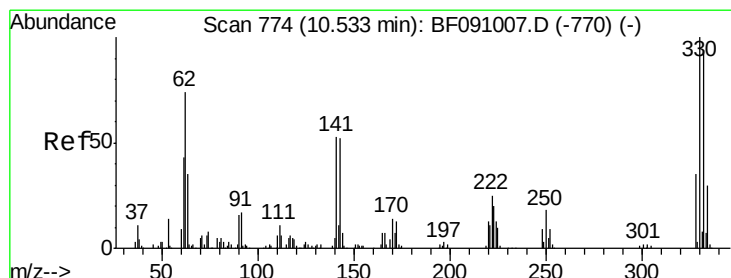
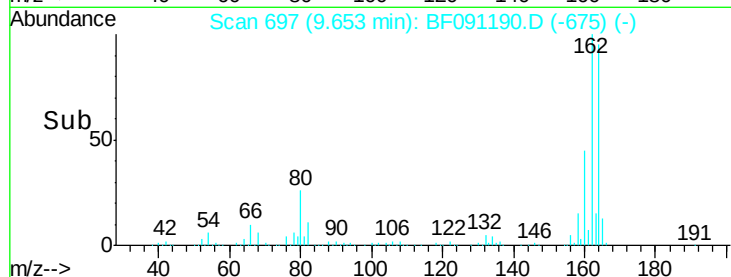
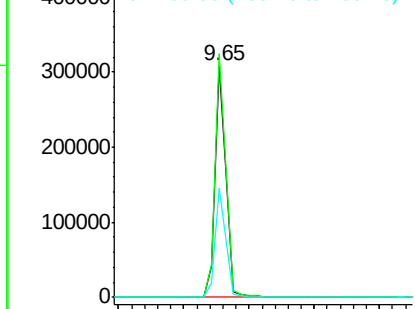
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.65 min Scan# 697
Delta R.T. -0.05 min
Lab File: BF091190.D
Acq: 16 Nov 2016 16:15

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PB94688BL

Tgt Ion:164 Resp: 373956
Ion Ratio Lower Upper
164 100
162 105.4 83.6 125.4
160 47.3 37.9 56.9

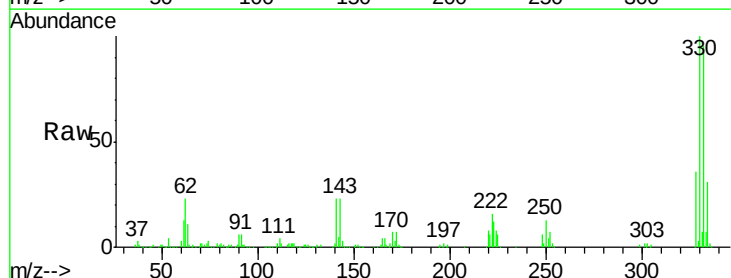


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

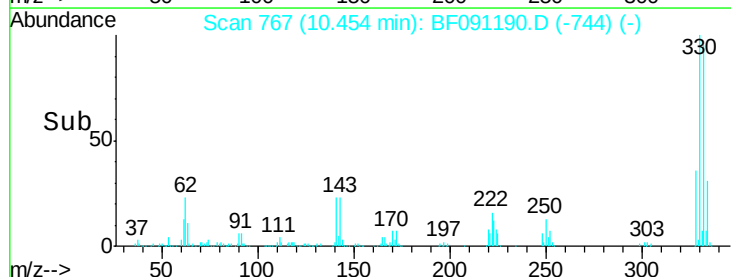
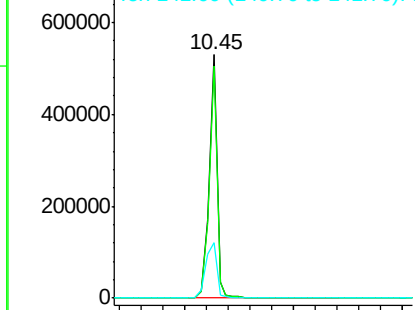


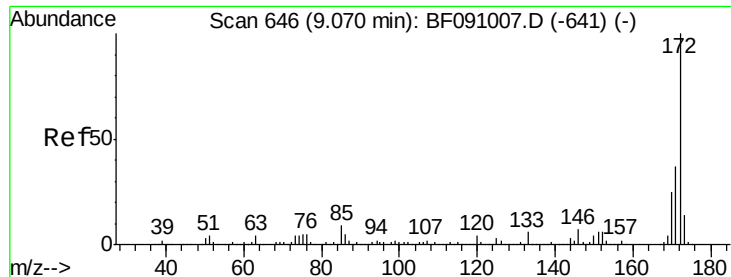
#41
2,4,6-Tribromophenol
Concen: 158.19 ng
RT: 10.45 min Scan# 767
Delta R.T. -0.03 min
Lab File: BF091190.D
Acq: 16 Nov 2016 16:15

Tgt Ion:330 Resp: 534799
Ion Ratio Lower Upper
330 100
332 95.5 75.9 113.9
141 32.2 36.1 54.1#



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

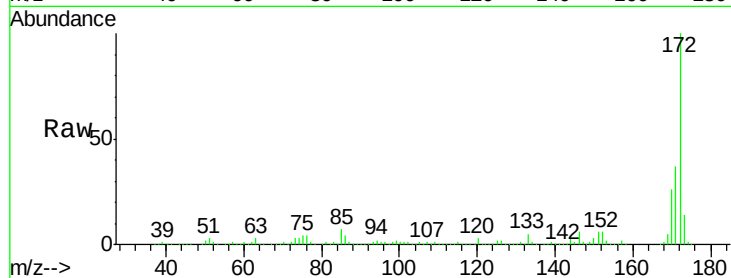




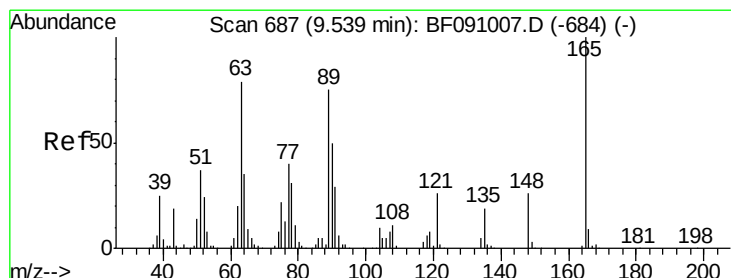
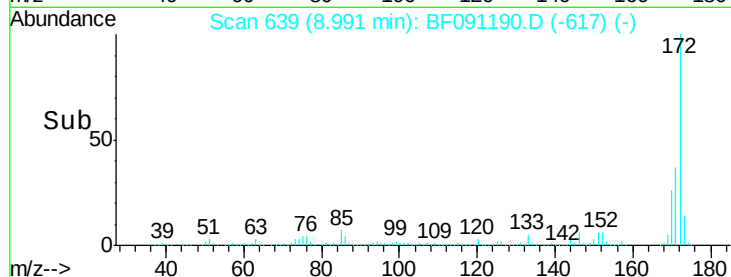
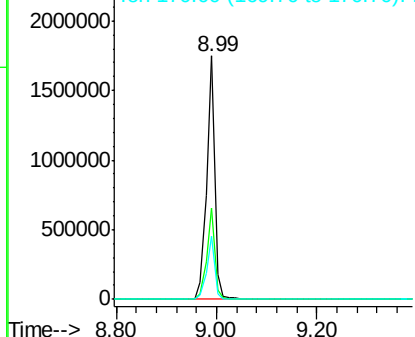
#44
 2-Fluorobiphenyl
 Concen: 91.16 ng
 RT: 8.99 min Scan# 639
 Delta R.T. -0.05 min
 Lab File: BF091190.D
 Acq: 16 Nov 2016 16:15

Instrument :
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 ClientSampleId :
 PB94688BL

Tgt Ion:172 Resp: 1980113
 Ion Ratio Lower Upper
 172 100
 171 37.4 29.8 44.6
 170 25.9 20.3 30.5

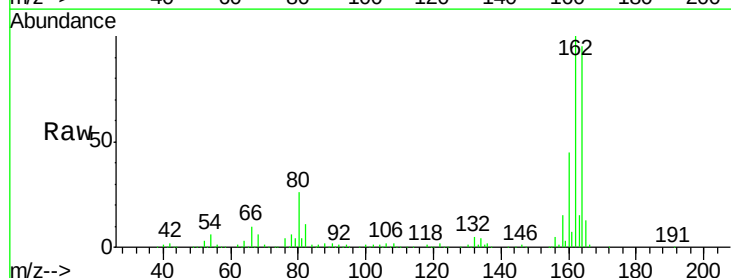


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

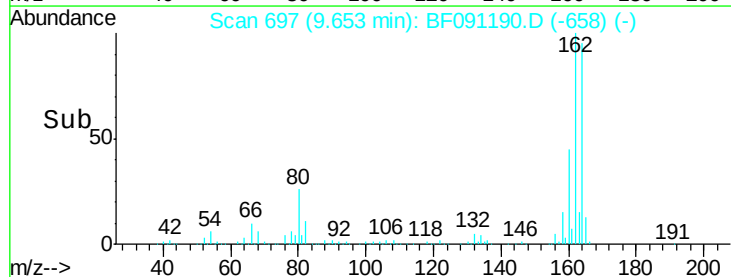
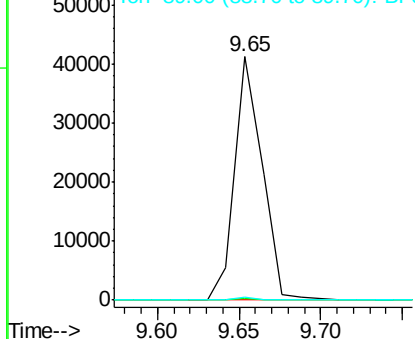


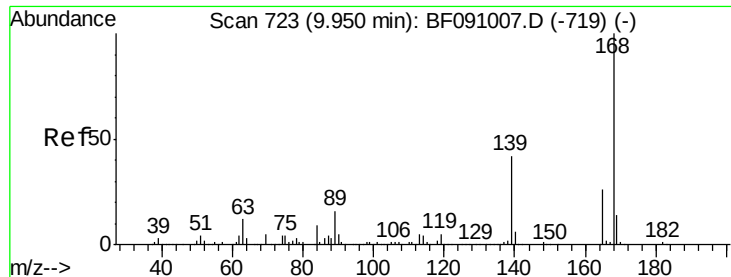
#50
 2,6-Dinitrotoluene
 Concen: 9.12 ng
 RT: 9.65 min Scan# 697
 Delta R.T. 0.15 min
 Lab File: BF091190.D
 Acq: 16 Nov 2016 16:15

Tgt Ion:165 Resp: 47934
 Ion Ratio Lower Upper
 165 100
 63 0.9 65.6 98.4#
 89 1.0 59.8 89.6#



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

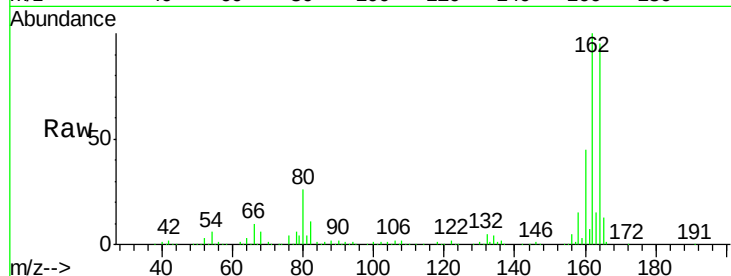




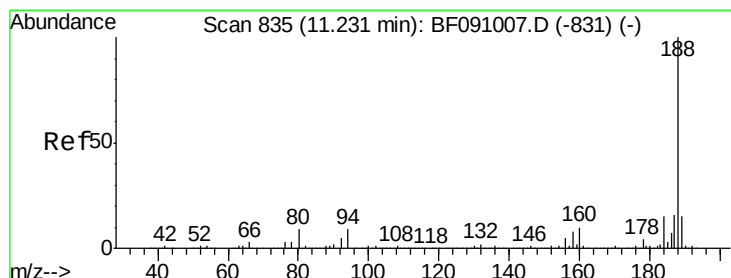
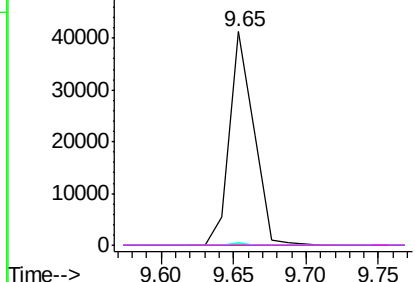
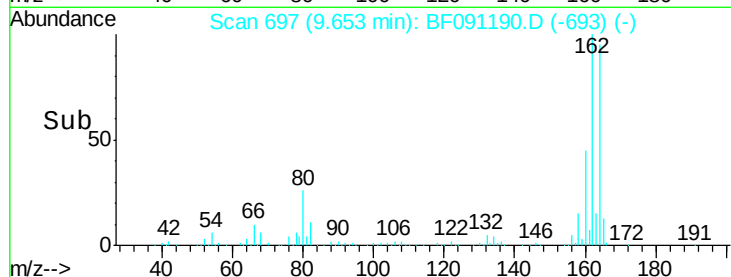
#56
 2,4-Dinitrotoluene
 Concen: 7.17 ng
 RT: 9.65 min Scan# 697
 Delta R.T. -0.25 min
 Lab File: BF091190.D
 Acq: 16 Nov 2016 16:15

Instrument :
 BNA_F
 ClientSampleId :
 PB94688BL

Tgt Ion:165 Resp: 47936
 Ion Ratio Lower Upper
 165 100
 63 0.9 38.7 58.1#
 89 1.0 50.6 76.0#
 182 0.0 1.8 2.8#

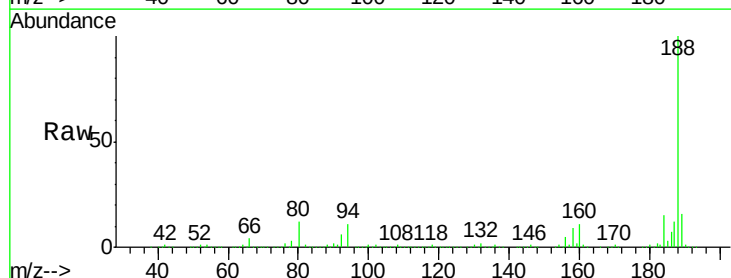


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

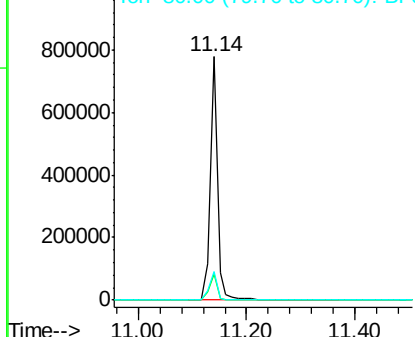
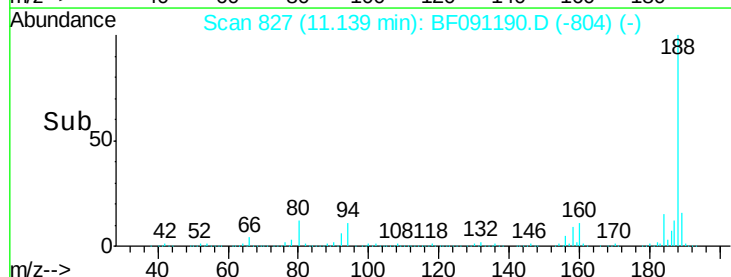


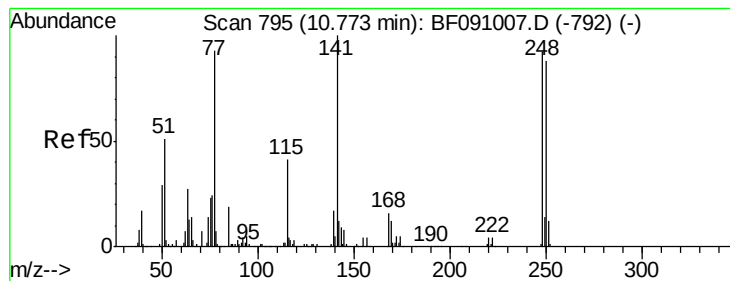
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.14 min Scan# 827
 Delta R.T. -0.03 min
 Lab File: BF091190.D
 Acq: 16 Nov 2016 16:15

Tgt Ion:188 Resp: 715468
 Ion Ratio Lower Upper
 188 100
 94 10.9 7.0 10.4#
 80 11.5 7.5 11.3#



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: 4.85 ng

RT: 10.45 min Scan# 767

Delta R.T. -0.27 min

Lab File: BF091190.D

Acq: 16 Nov 2016 16:15

Instrument :

BNA_F

ClientSampleId :

PB94688BL

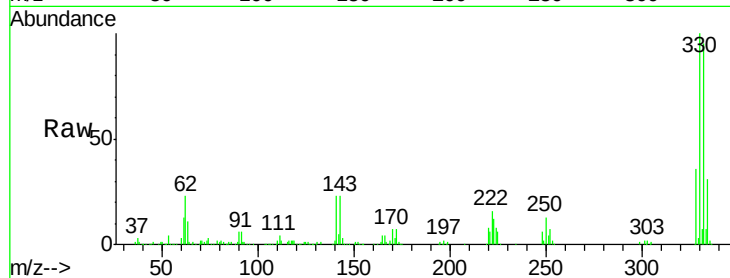
Tgt Ion:248 Resp: 36112

Ion Ratio Lower Upper

248 100

250 201.0 76.3 114.5#

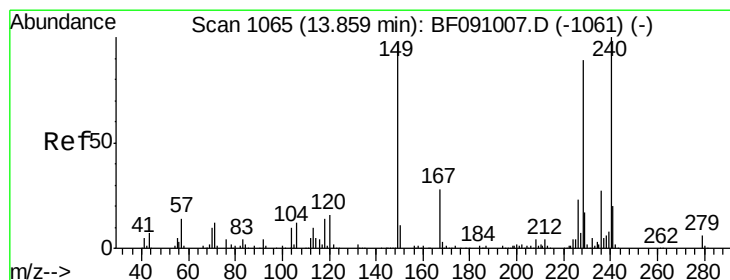
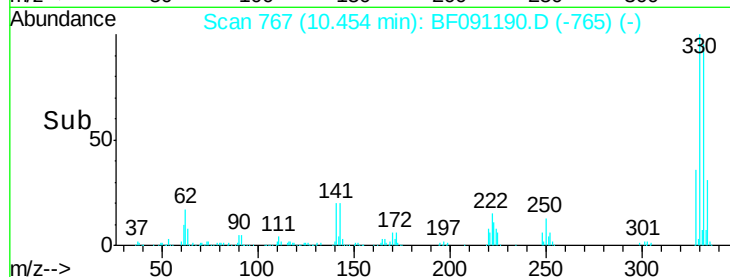
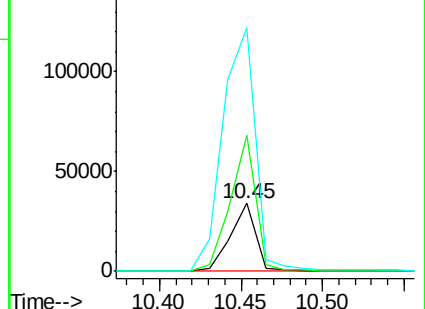
141 360.0 86.8 130.2#



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: 13.77 min Scan# 1057

Delta R.T. -0.05 min

Lab File: BF091190.D

Acq: 16 Nov 2016 16:15

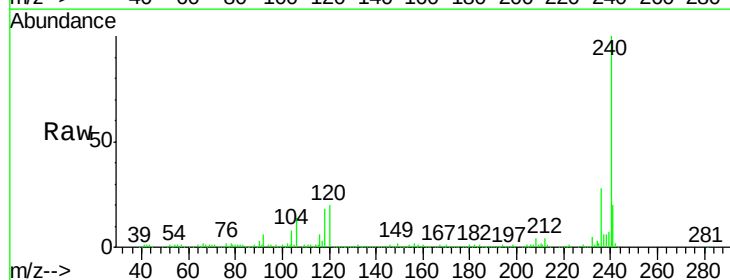
Tgt Ion:240 Resp: 565864

Ion Ratio Lower Upper

240 100

120 20.1 12.9 19.3#

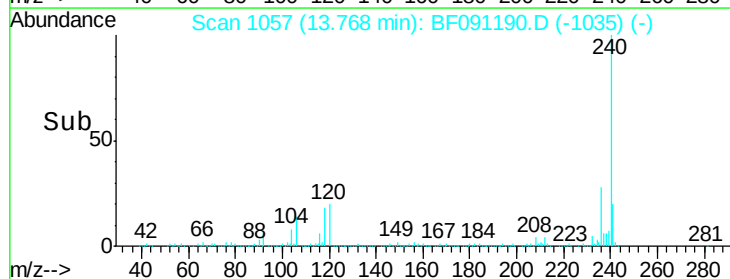
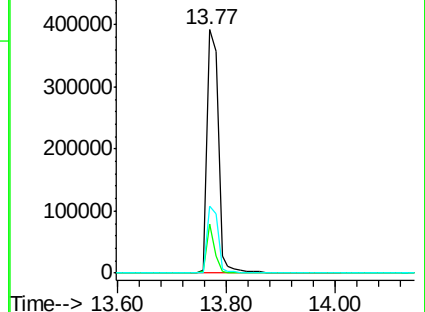
236 27.6 21.9 32.9

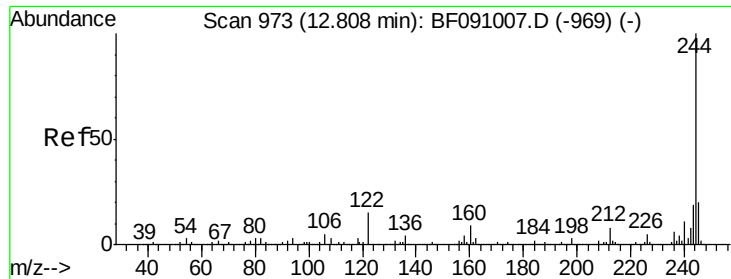


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

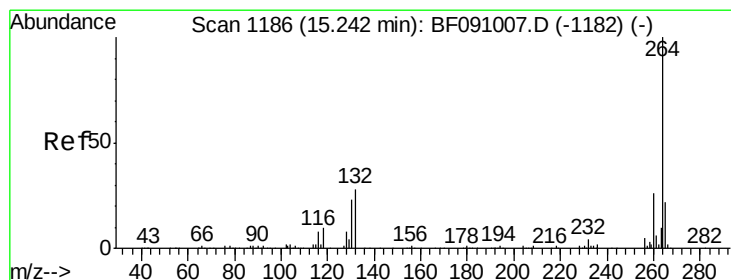
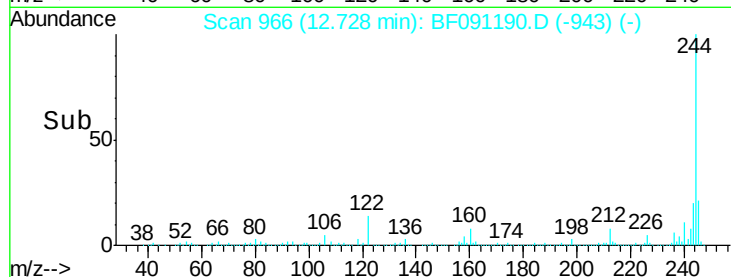
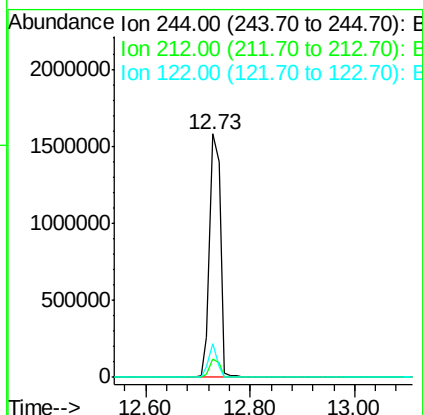
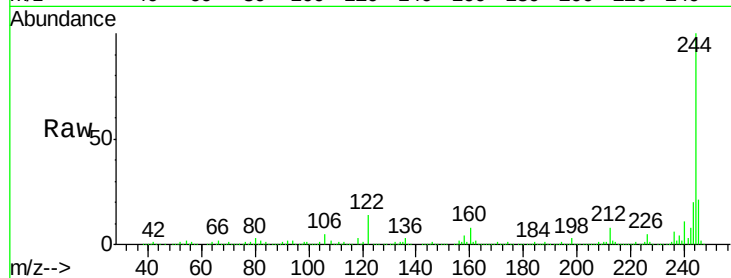




#78
 Terphenyl-d14
 Concen: 100.70 ng
 RT: 12.73 min Scan# 966
 Delta R.T. -0.03 min
 Lab File: BF091190.D
 Acq: 16 Nov 2016 16:15

Instrument :
 BNA_F
 ClientSampleId :
 PB94688BL

Tgt Ion:244 Resp: 2283487
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.4 9.6
 122 13.6 12.3 18.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.14 min Scan# 1177
 Delta R.T. -0.05 min
 Lab File: BF091190.D
 Acq: 16 Nov 2016 16:15

Tgt Ion:264 Resp: 467661
 Ion Ratio Lower Upper
 264 100
 260 25.6 20.6 30.8
 265 21.9 17.8 26.8

