

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111616\
 Data File : BF091208.D
 Acq On : 17 Nov 2016 00:29
 Operator : UM/SJ
 Sample : H5658-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-AA10-AA11-AA10A-AA1

Quant Time: Nov 17 01:04:45 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 17 00:05:11 2016
 Response via : Initial Calibration

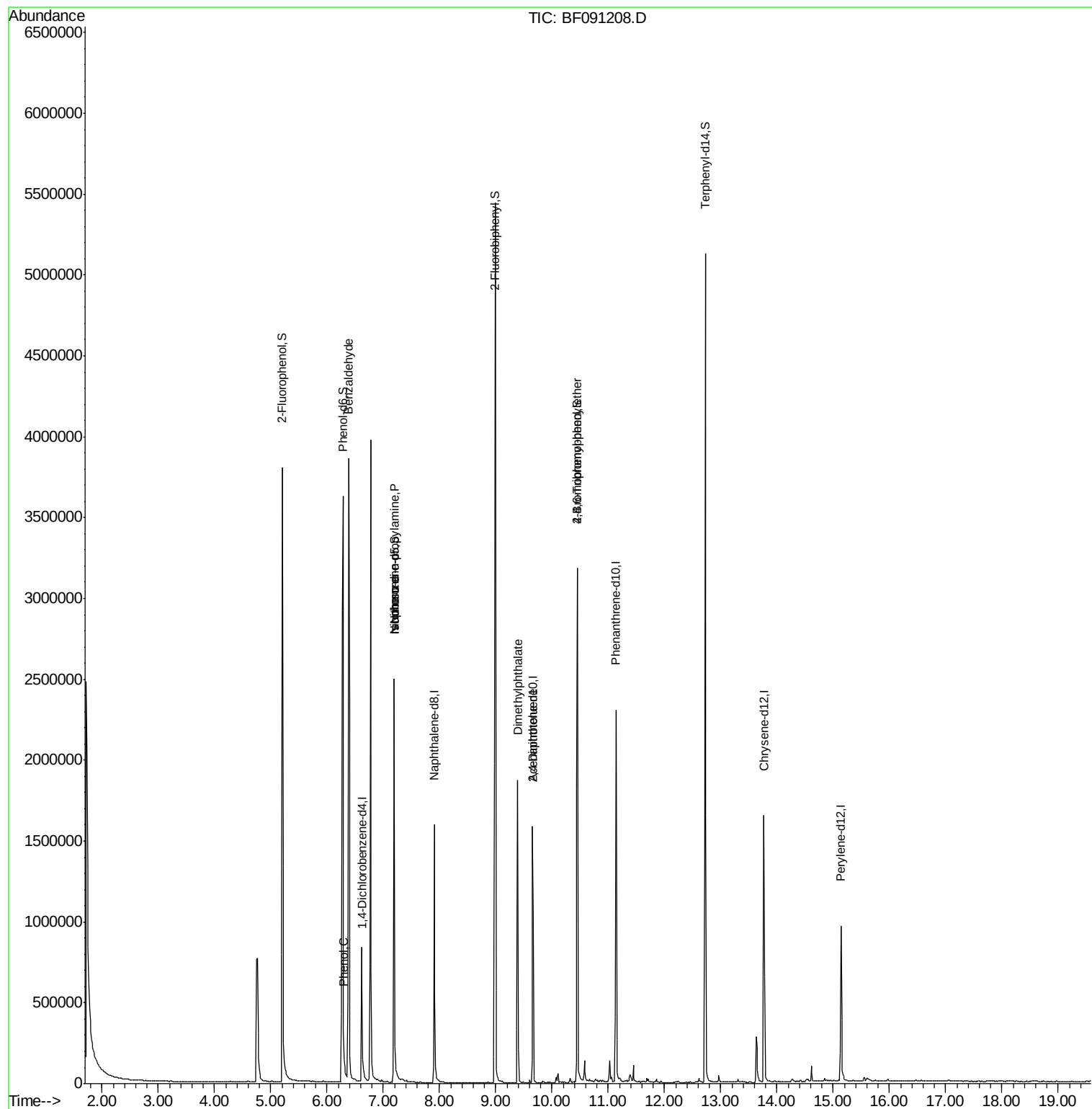
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	196479	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	844861	20.00	ng	-0.01
38) Acenaphthene-d10	9.65	164	453369	20.00	ng	-0.01
63) Phenanthrene-d10	11.14	188	820260	20.00	ng	0.00
75) Chrysene-d12	13.77	240	600384	20.00	ng	-0.01
86) Perylene-d12	15.14	264	409839	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	1343052	112.89	ng	0.01
7) Phenol-d6	6.28	99	1916672	118.70	ng	0.00
23) Nitrobenzene-d5	7.20	82	1255913	81.09	ng	0.00
41) 2,4,6-Tribromophenol	10.45	330	504075	122.98	ng	0.00
44) 2-Fluorobiphenyl	8.99	172	1889641	71.76	ng	0.00
78) Terphenyl-d14	12.73	244	1895257	78.77	ng	0.00
Target Compounds						
9) Benzaldehyde	6.38	77	31570	3.52	ng	Qvalue 85
10) Phenol	6.29	94	66392	3.72	ng	# 58
19) n-Nitroso-di-n-propylamine	7.20	70	169925	15.19	ng	# 73
25) Isophorone	7.20	82	1233090	41.32	ng	# 67
49) Dimethylphthalate	9.39	163	738258	24.83	ng	99
56) 2,4-Dinitrotoluene	9.65	165	57432	7.08	ng	# 26
66) 4-Bromophenyl-phenylether	10.45	248	34748	4.07	ng	# 1

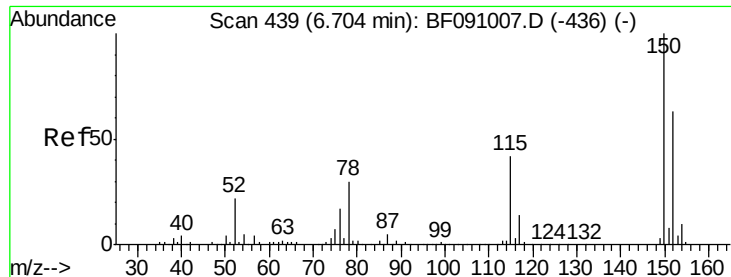
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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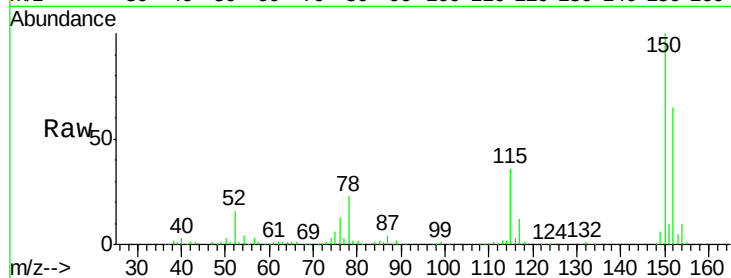


#1

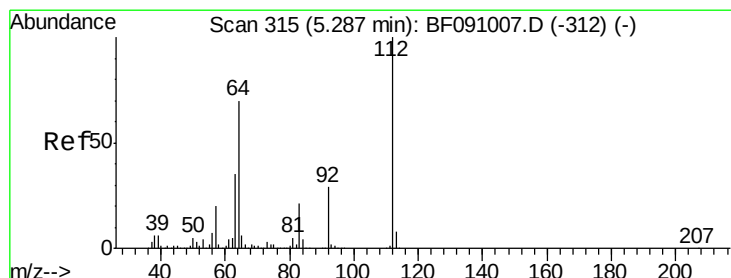
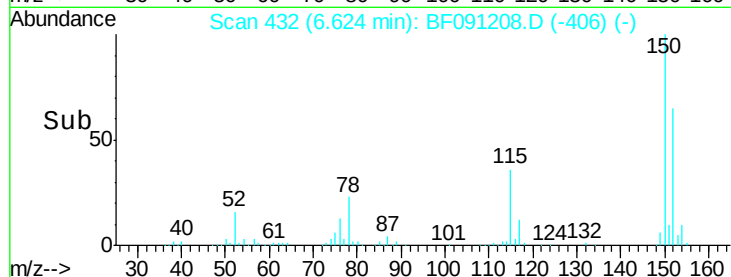
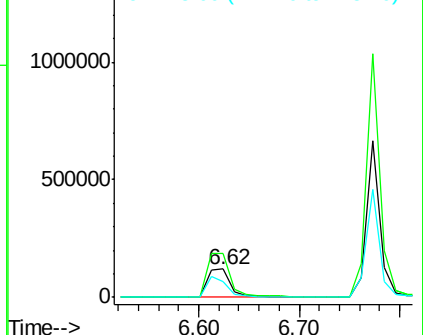
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.62 min Scan# 432
Delta R.T. -0.00 min
Lab File: BF091208.D
Acq: 17 Nov 2016 00:29

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-AA10-AA11-AA10A-AA1

Tgt Ion:152 Resp: 196479
Ion Ratio Lower Upper
152 100
150 155.0 126.8 190.2
115 55.5 53.3 79.9



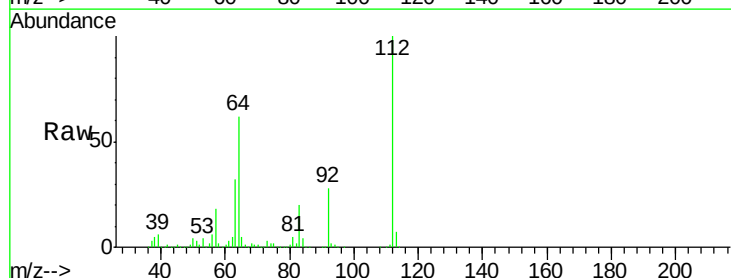
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



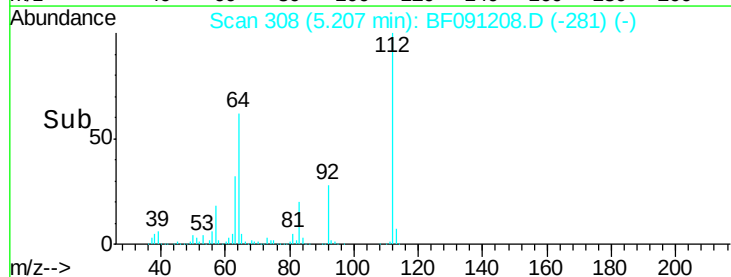
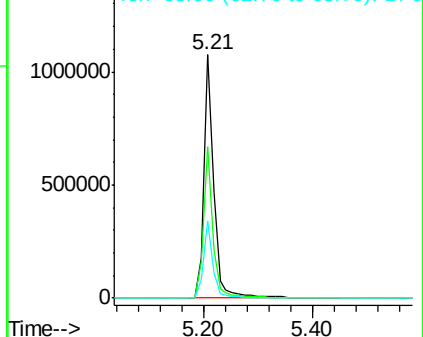
#5

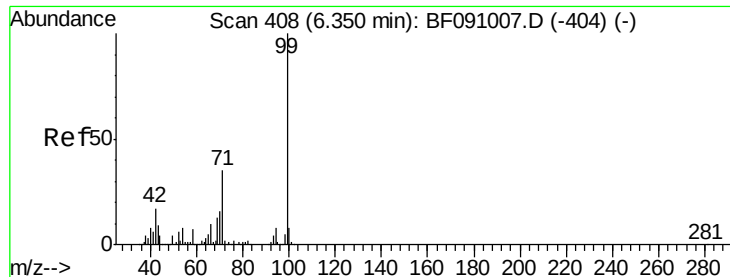
2-Fluorophenol
Concen: 112.89 ng
RT: 5.21 min Scan# 308
Delta R.T. 0.01 min
Lab File: BF091208.D
Acq: 17 Nov 2016 00:29

Tgt Ion:112 Resp: 1343052
Ion Ratio Lower Upper
112 100
64 62.0 55.8 83.6
63 31.8 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: 118.70 ng

RT: 6.28 min Scan# 402

Delta R.T. -0.00 min

Lab File: BF091208.D

Acq: 17 Nov 2016 00:29

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-AA10-AA11-AA10A-AA1

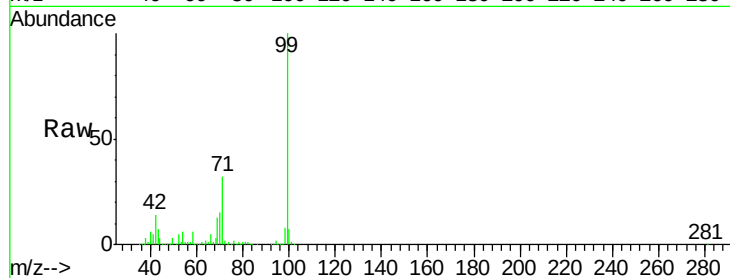
Tgt Ion: 99 Resp: 1916672

Ion Ratio Lower Upper

99 100

42 14.3 13.9 20.9

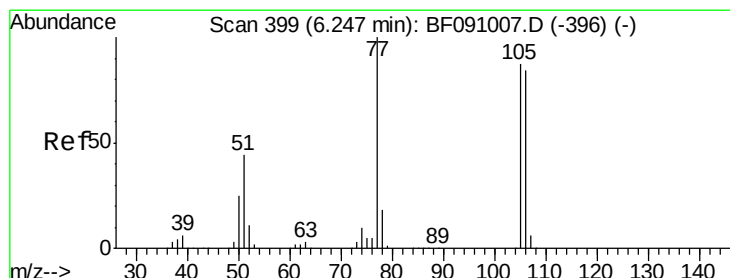
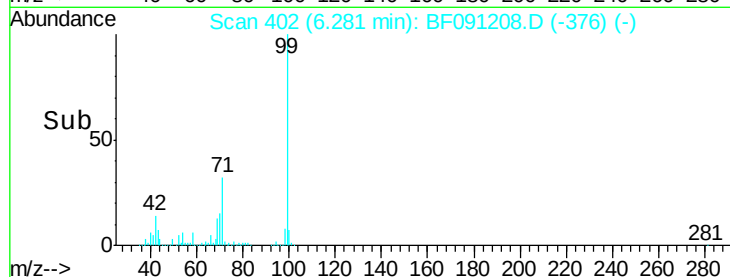
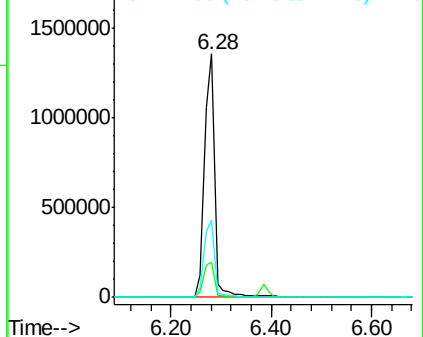
71 31.7 27.8 41.8



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: 3.52 ng

RT: 6.38 min Scan# 411

Delta R.T. 0.22 min

Lab File: BF091208.D

Acq: 17 Nov 2016 00:29

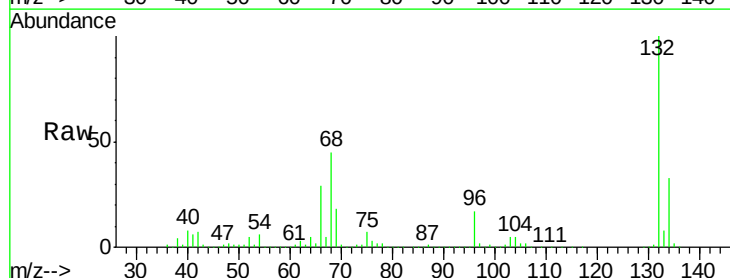
Tgt Ion: 77 Resp: 31570

Ion Ratio Lower Upper

77 100

105 78.2 66.8 106.8

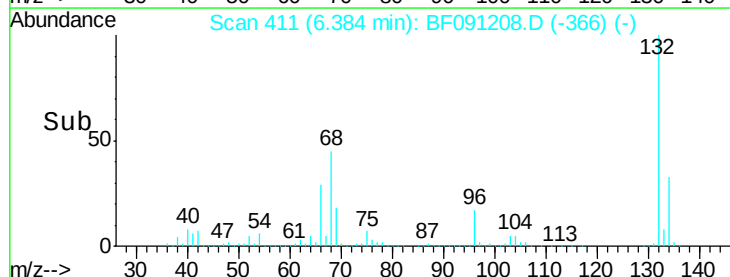
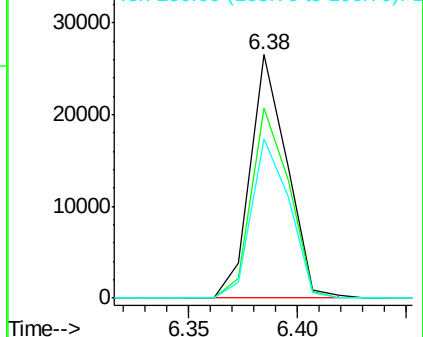
106 65.5 64.0 104.0

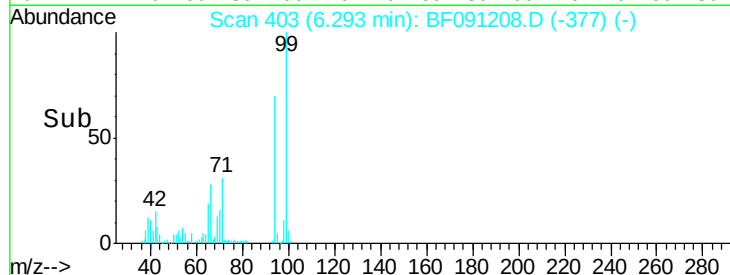
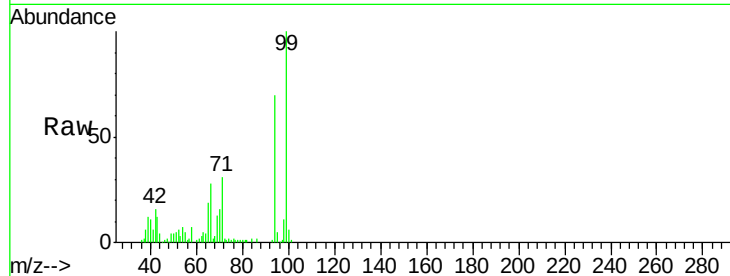
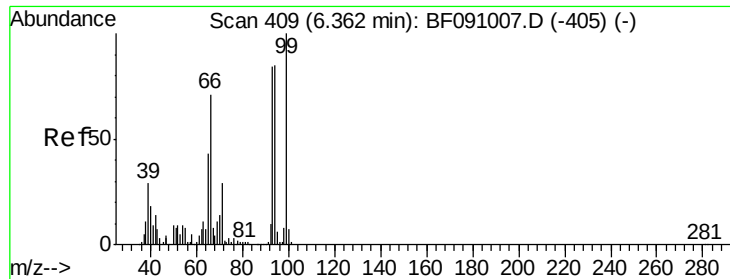


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 3.72 ng

RT: 6.29 min Scan# 403

Delta R.T. -0.00 min

Lab File: BF091208.D

Acq: 17 Nov 2016 00:29

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-AA10-AA11-AA10A-AA1

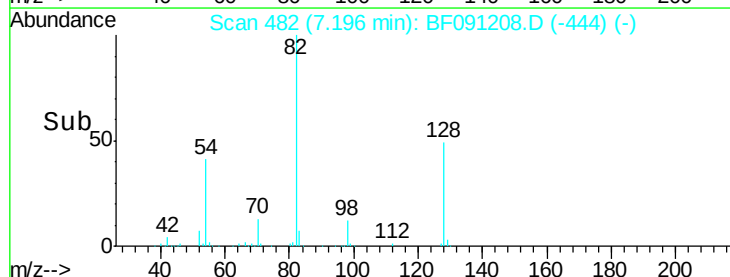
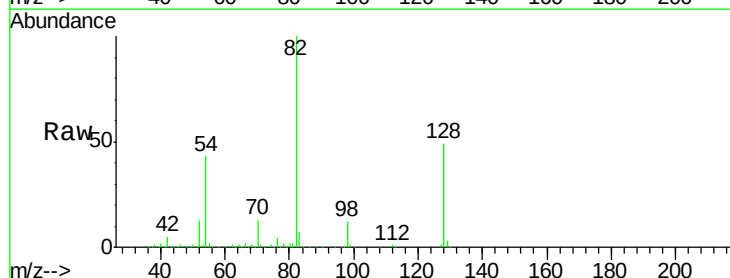
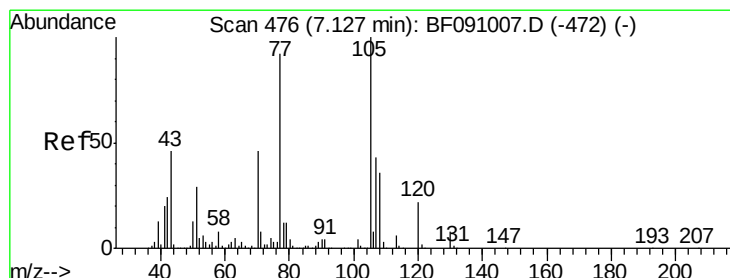
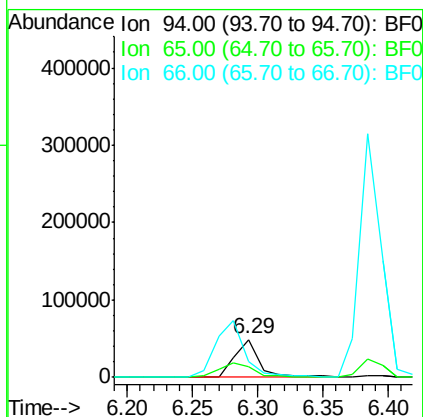
Tgt Ion: 94 Resp: 66392

Ion Ratio Lower Upper

94 100

65 27.2 30.4 70.4#

66 40.0 62.9 102.9#



#19

n-Nitroso-di-n-propylamine

Concen: 15.19 ng

RT: 7.20 min Scan# 482

Delta R.T. 0.14 min

Lab File: BF091208.D

Acq: 17 Nov 2016 00:29

Tgt Ion: 70 Resp: 169925

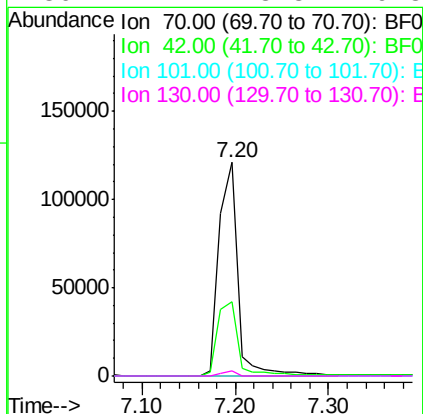
Ion Ratio Lower Upper

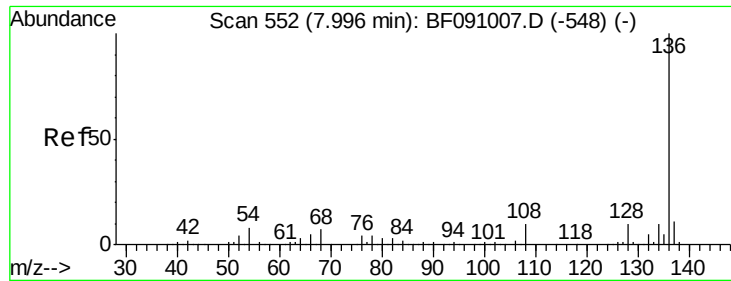
70 100

42 34.5 41.7 62.5#

101 0.0 6.7 10.1#

130 2.4 13.8 20.8#

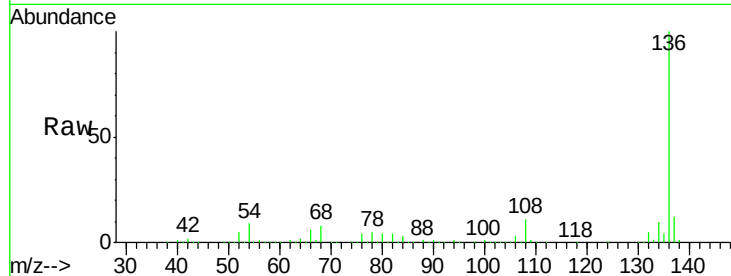




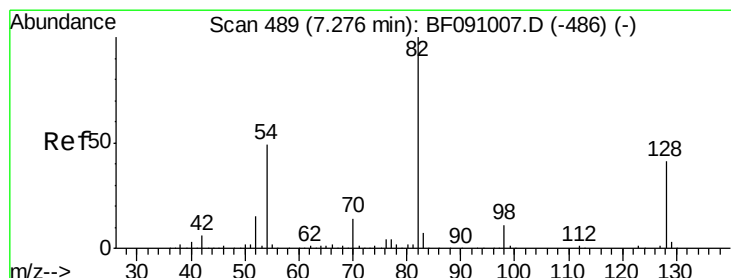
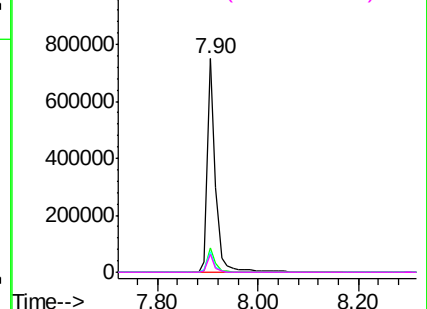
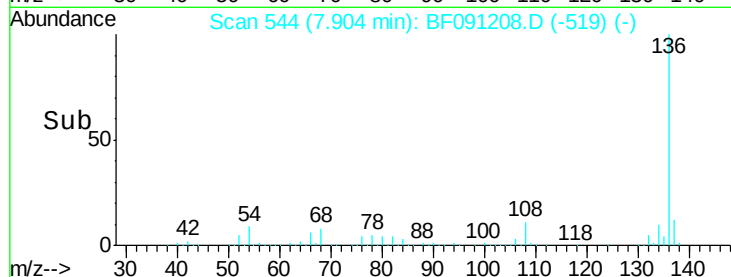
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 544
Delta R.T. -0.01 min
Lab File: BF091208.D
Acq: 17 Nov 2016 00:29

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-AA10-AA11-AA10A-AA1

Tgt Ion:	136	Resp:	844861
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	9.3	6.2	9.2#
68	8.2	5.5	8.3

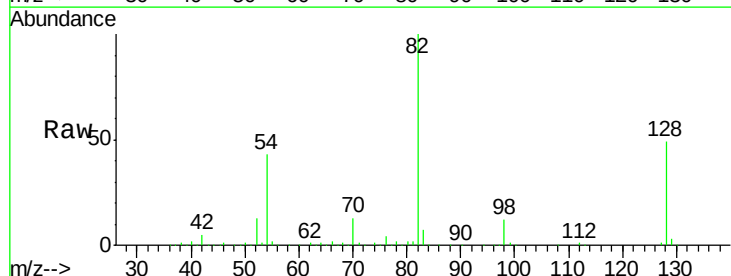


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

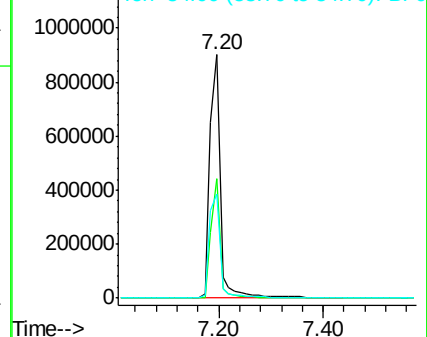
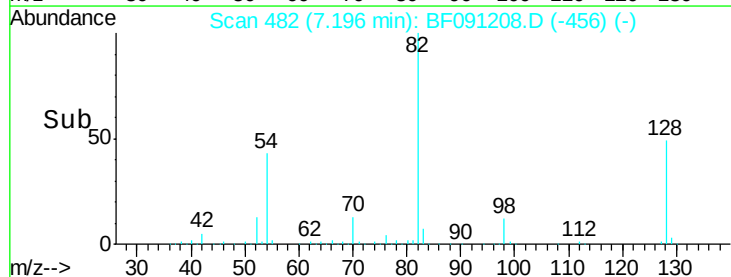


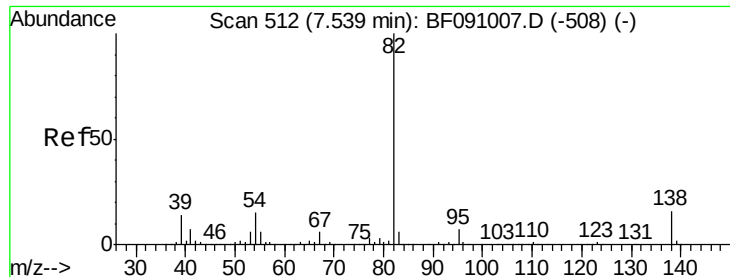
#23
Nitrobenzene-d5
Concen: 81.09 ng
RT: 7.20 min Scan# 482
Delta R.T. -0.00 min
Lab File: BF091208.D
Acq: 17 Nov 2016 00:29

Tgt Ion:	82	Resp:	1255913
Ion	Ratio	Lower	Upper
82	100		
128	49.0	32.4	48.6#
54	42.7	39.2	58.8



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: 41.32 ng

RT: 7.20 min Scan# 482

Delta R.T. -0.26 min

Lab File: BF091208.D

Acq: 17 Nov 2016 00:29

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-AA10-AA11-AA10A-AA1

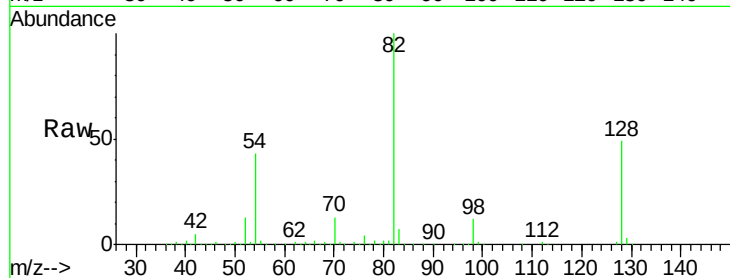
Tgt Ion: 82 Resp: 1233090

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

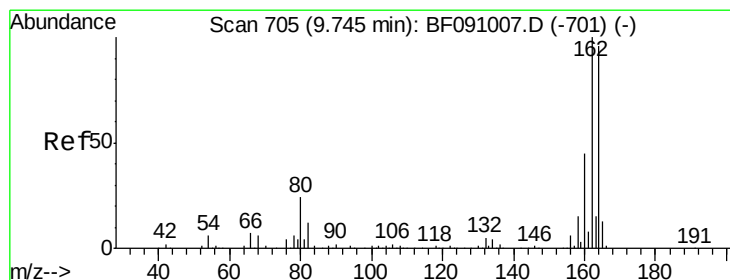
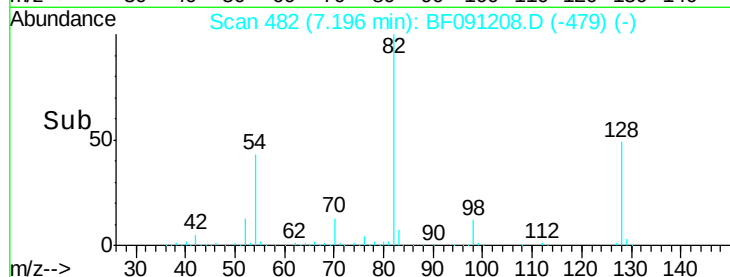
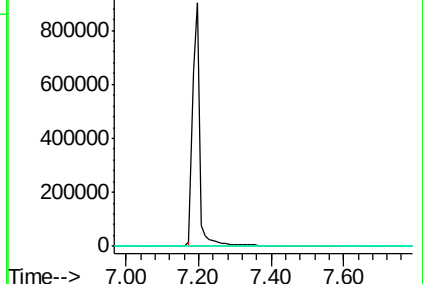
138 0.0 13.0 19.4#



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. -0.01 min

Lab File: BF091208.D

Acq: 17 Nov 2016 00:29

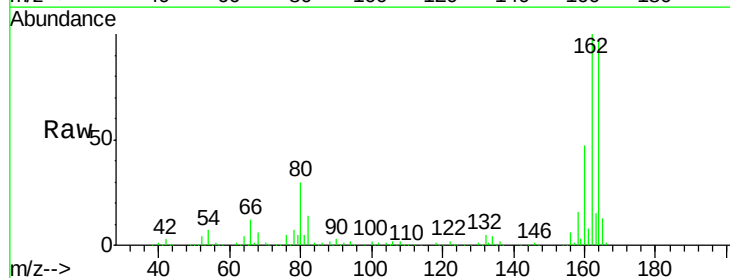
Tgt Ion: 164 Resp: 453369

Ion Ratio Lower Upper

164 100

162 103.0 83.6 125.4

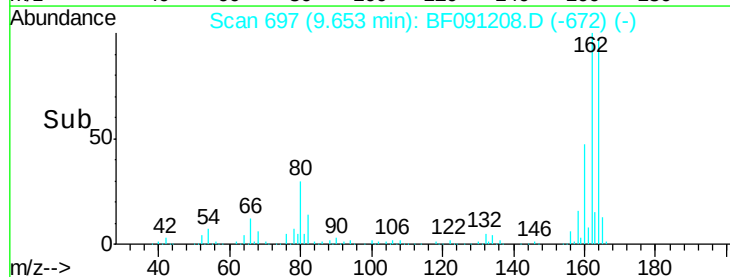
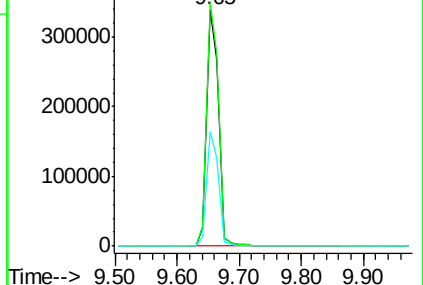
160 48.4 37.9 56.9

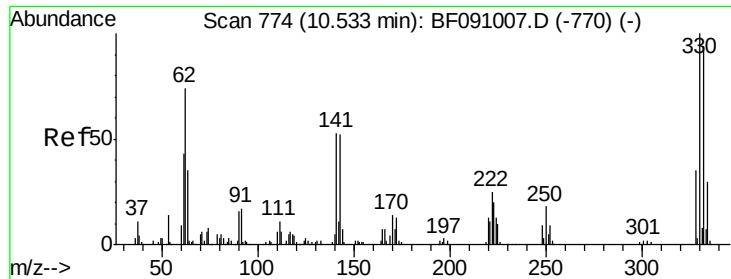


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

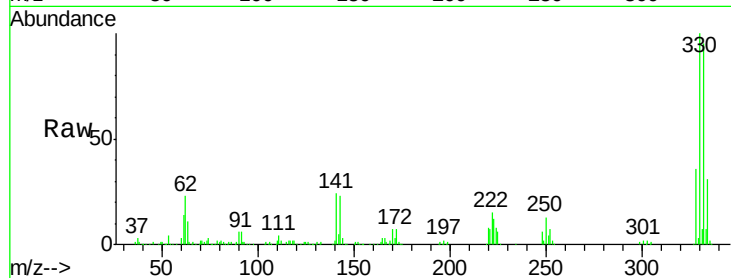




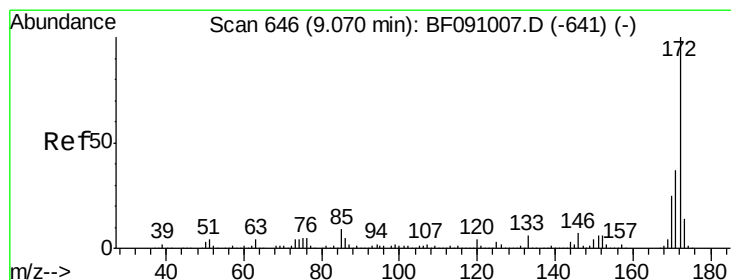
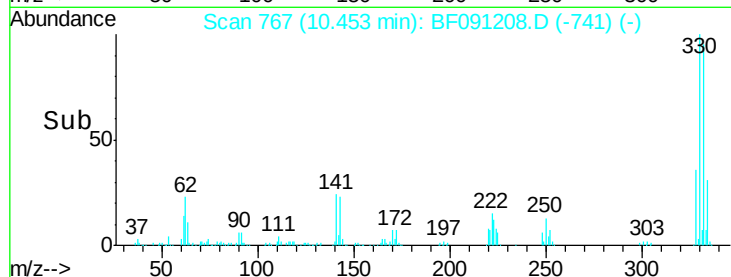
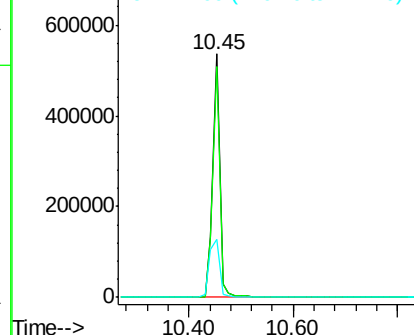
#41
 2,4,6-Tribromophenol
 Concen: 122.98 ng
 RT: 10.45 min Scan# 767
 Delta R.T. -0.00 min
 Lab File: BF091208.D
 Acq: 17 Nov 2016 00:29

Instrument :
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 FK-BPM-01-AA10-AA11-AA10A-AA1

Tgt Ion:330 Resp: 504075
 Ion Ratio Lower Upper
 330 100
 332 95.4 75.9 113.9
 141 35.2 36.1 54.1#

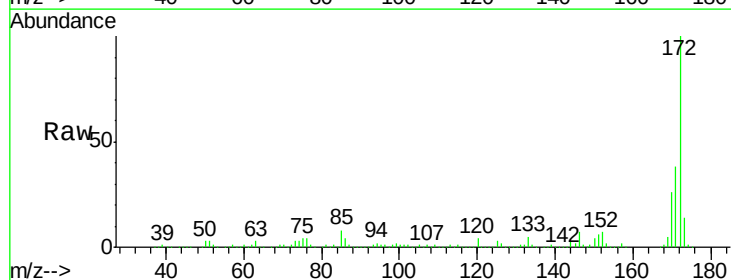


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

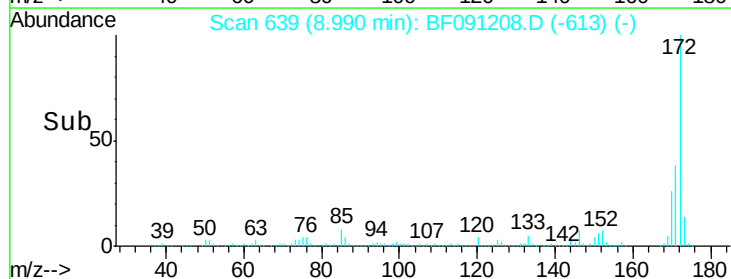
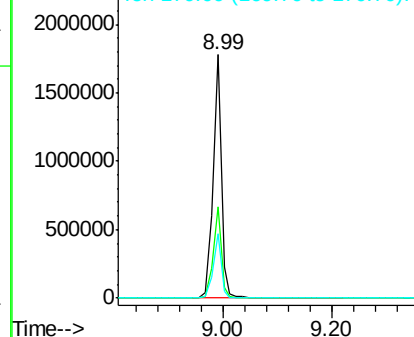


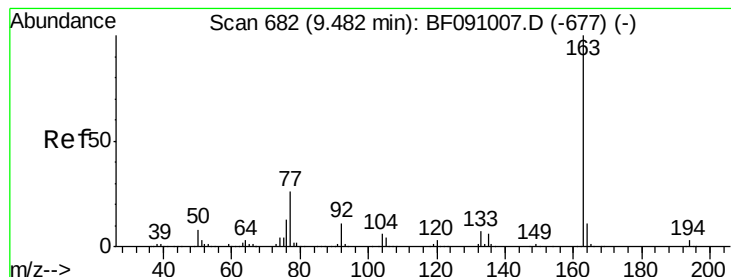
#44
 2-Fluorobiphenyl
 Concen: 71.76 ng
 RT: 8.99 min Scan# 639
 Delta R.T. -0.00 min
 Lab File: BF091208.D
 Acq: 17 Nov 2016 00:29

Tgt Ion:172 Resp: 1889641
 Ion Ratio Lower Upper
 172 100
 171 37.6 29.8 44.6
 170 26.3 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





#49

Dimethylphthalate

Concen: 24.83 ng

RT: 9.39 min Scan# 674

Delta R.T. -0.02 min

Lab File: BF091208.D

Acq: 17 Nov 2016 00:29

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-AA10-AA11-AA10A-AA1

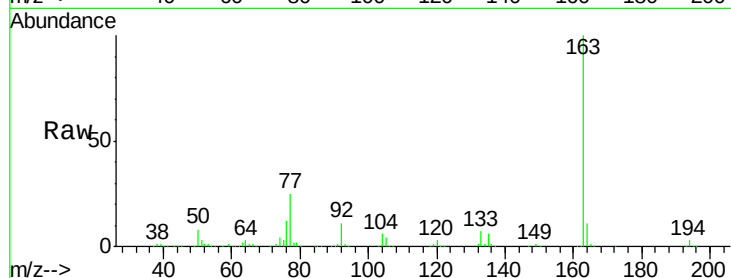
Tgt Ion:163 Resp: 738258

Ion Ratio Lower Upper

163 100

194 3.1 2.6 4.0

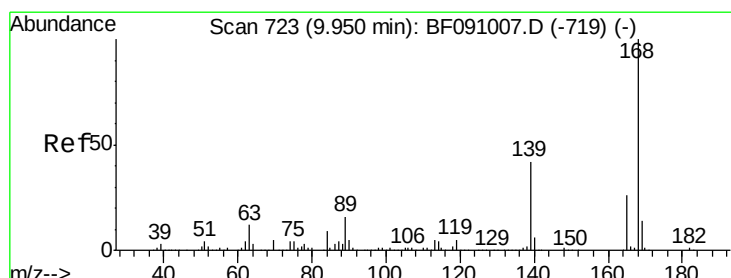
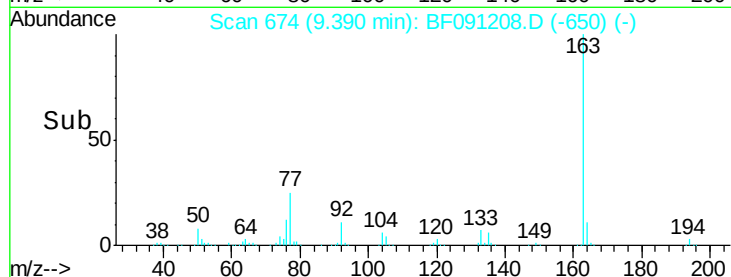
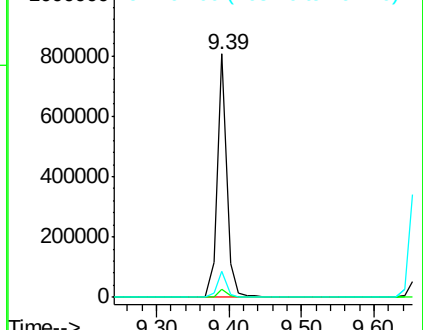
164 10.7 8.7 13.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#56

2,4-Dinitrotoluene

Concen: 7.08 ng

RT: 9.65 min Scan# 697

Delta R.T. -0.22 min

Lab File: BF091208.D

Acq: 17 Nov 2016 00:29

Tgt Ion:165 Resp: 57432

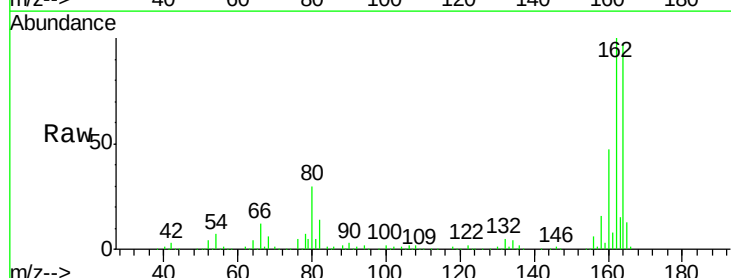
Ion Ratio Lower Upper

165 100

63 1.2 38.7 58.1#

89 1.1 50.6 76.0#

182 0.0 1.8 2.8#

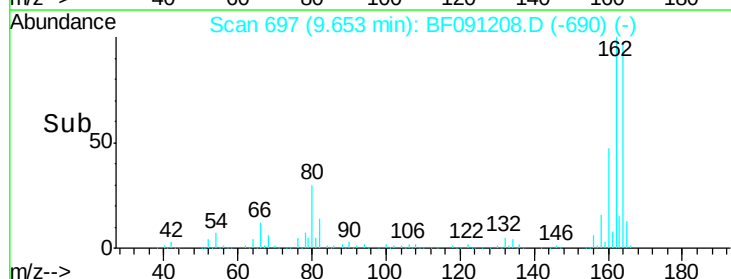
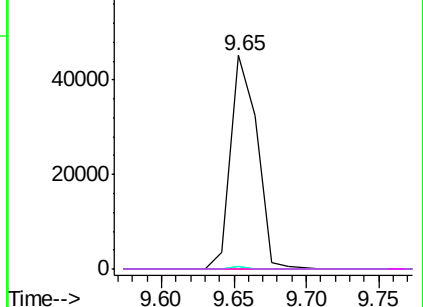


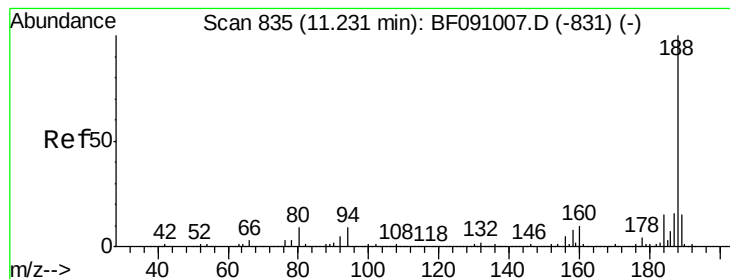
Abundance Ion 165.00 (164.70 to 165.70): E

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. -0.00 min

Lab File: BF091208.D

Acq: 17 Nov 2016 00:29

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-AA10-AA11-AA10A-AA1

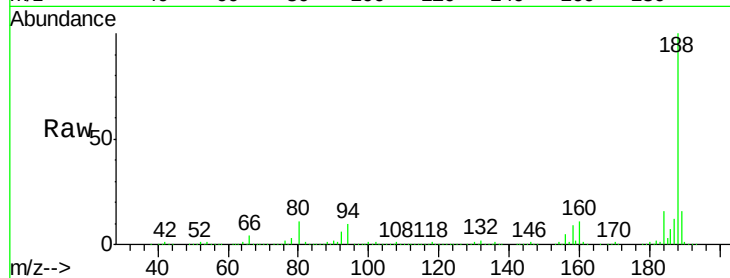
Tgt Ion:188 Resp: 820260

Ion Ratio Lower Upper

188 100

94 10.5 7.0 10.4#

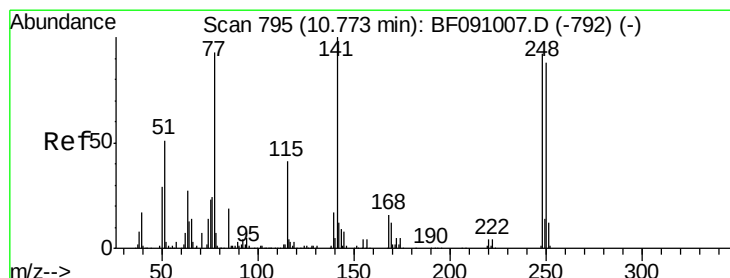
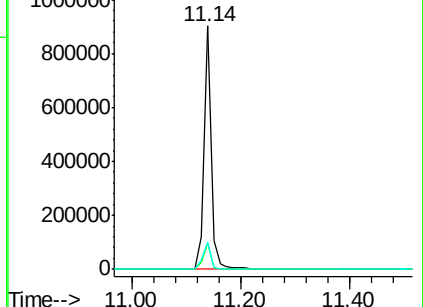
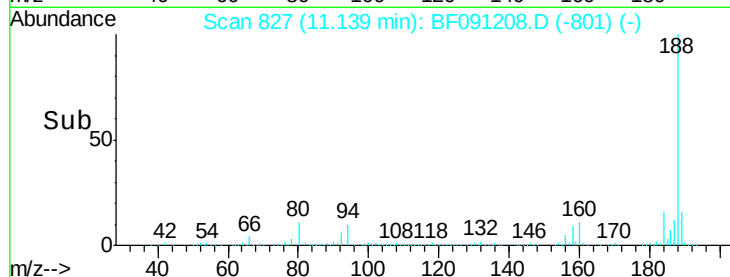
80 11.5 7.5 11.3#



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: 4.07 ng

RT: 10.45 min Scan# 767

Delta R.T. -0.24 min

Lab File: BF091208.D

Acq: 17 Nov 2016 00:29

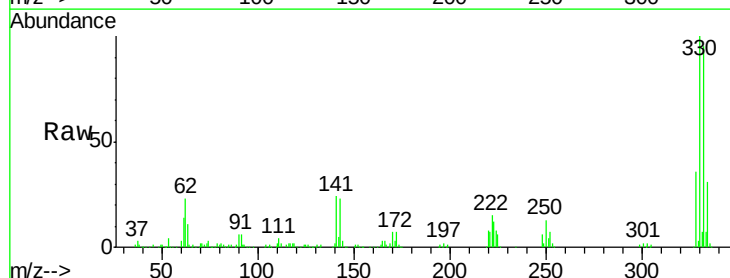
Tgt Ion:248 Resp: 34748

Ion Ratio Lower Upper

248 100

250 199.3 76.3 114.5#

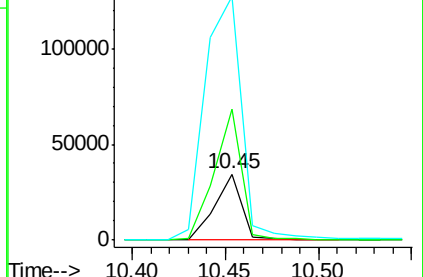
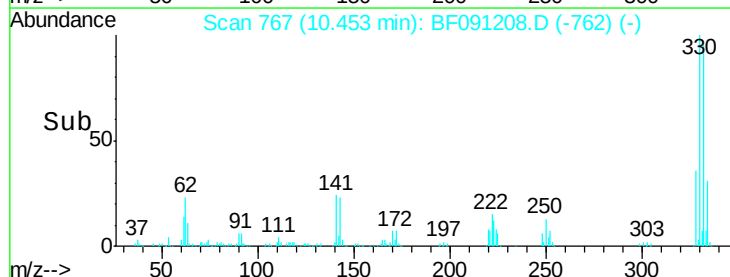
141 370.3 86.8 130.2#

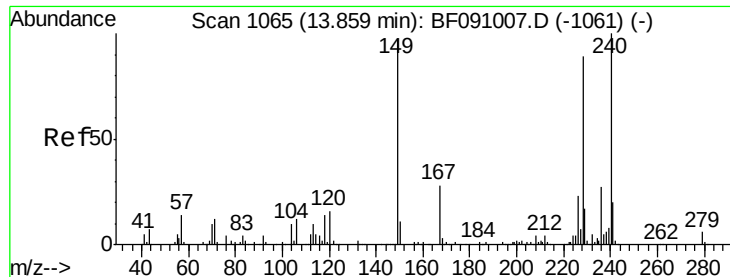


Abundance Ion 248.00 (247.70 to 248.70): E

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. -0.01 min

Lab File: BF091208.D

Acq: 17 Nov 2016 00:29

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-AA10-AA11-AA10A-AA1

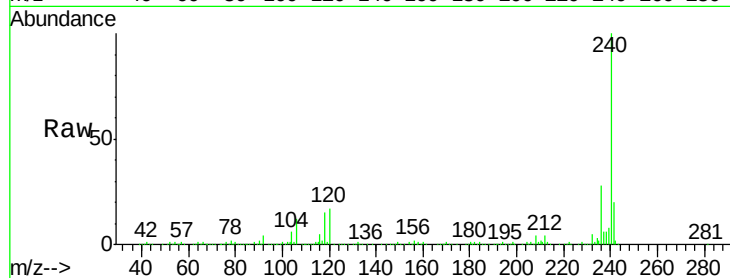
Tgt Ion:240 Resp: 600384

Ion Ratio Lower Upper

240 100

120 16.6 12.9 19.3

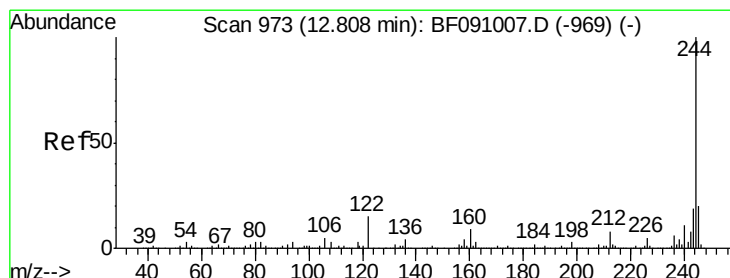
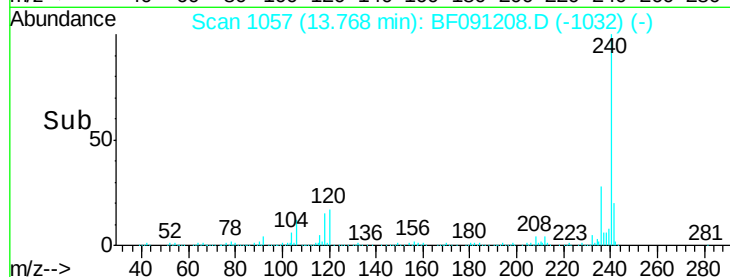
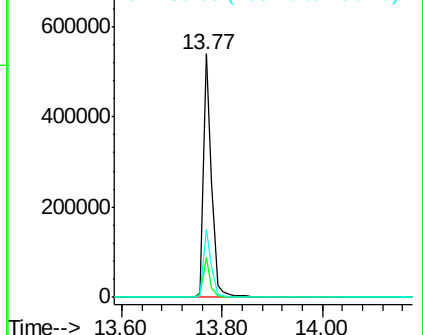
236 28.2 21.9 32.9



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: 78.77 ng

RT: 12.73 min Scan# 966

Delta R.T. -0.00 min

Lab File: BF091208.D

Acq: 17 Nov 2016 00:29

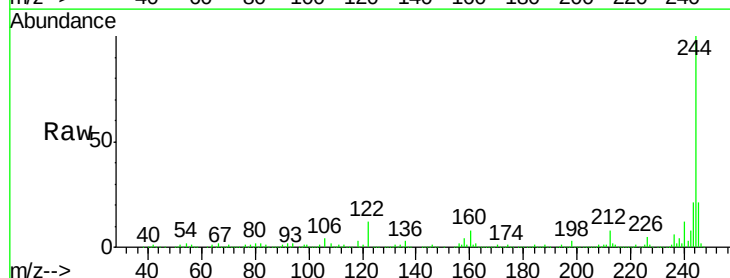
Tgt Ion:244 Resp: 1895257

Ion Ratio Lower Upper

244 100

212 7.8 6.4 9.6

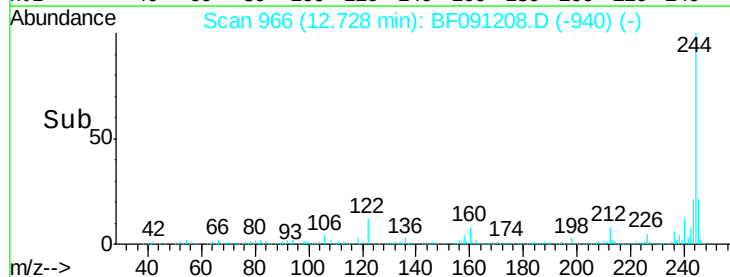
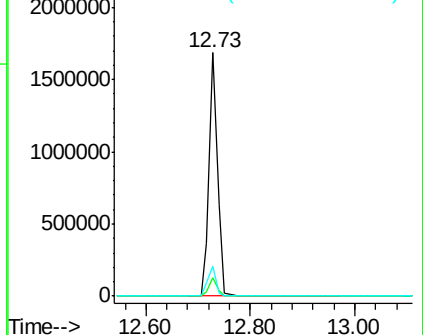
122 12.5 12.3 18.5

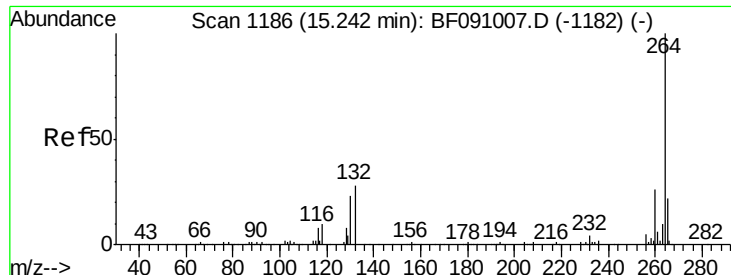


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.14 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BF091208.D
Acq: 17 Nov 2016 00:29

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-AA10-AA11-AA10A-AA1

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

