

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111416\
 Data File : BF091163.D
 Acq On : 14 Nov 2016 14:41
 Operator : UM/SJ
 Sample : PB94712BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB94712BL

Quant Time: Nov 15 00:21:11 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

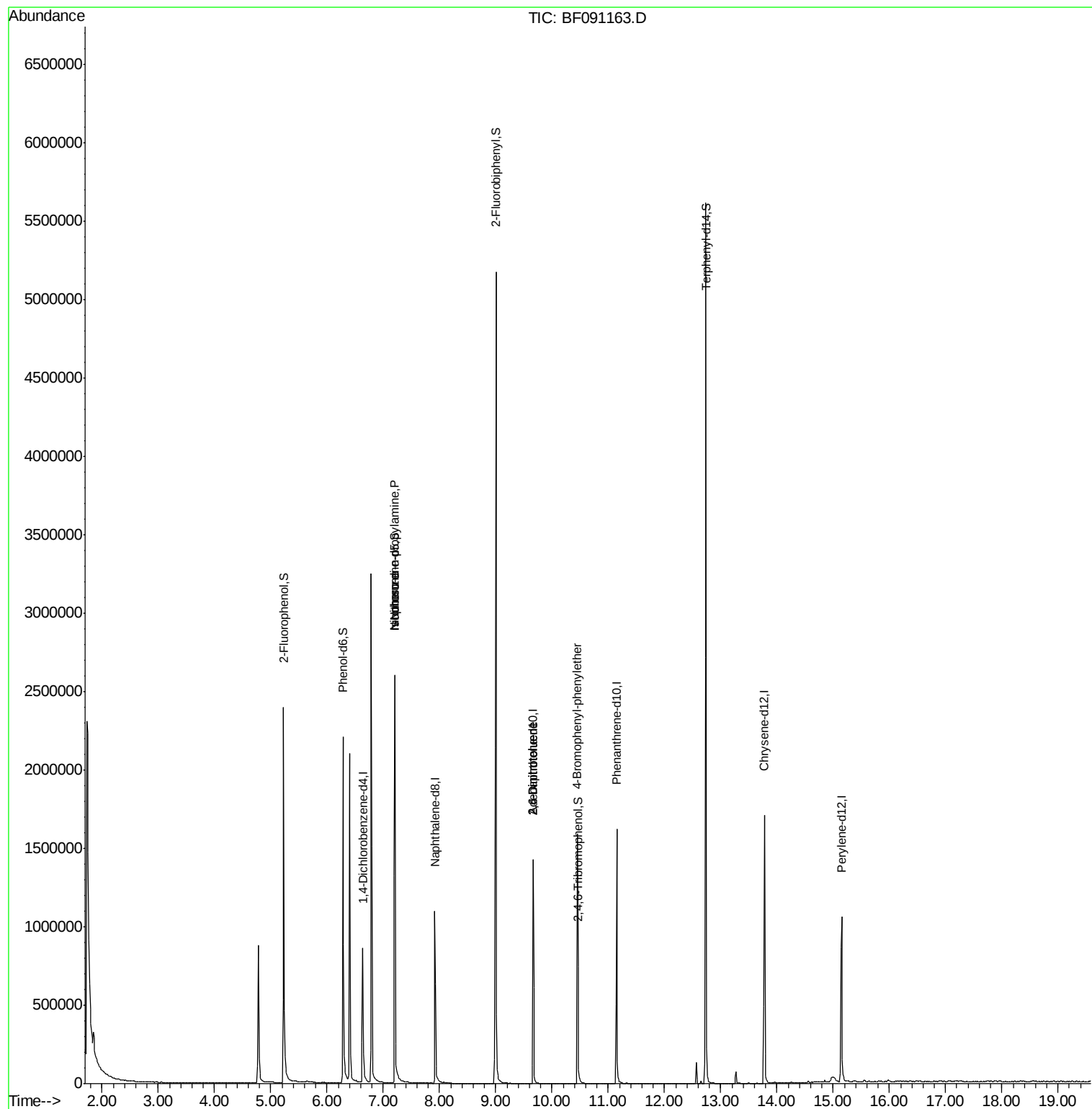
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	167834	20.00	ng	-0.02
21) Naphthalene-d8	7.92	136	698910	20.00	ng	-0.03
38) Acenaphthene-d10	9.66	164	361637	20.00	ng	-0.03
63) Phenanthrene-d10	11.15	188	674685	20.00	ng	-0.02
75) Chrysene-d12	13.78	240	637749	20.00	ng	-0.03
86) Perylene-d12	15.15	264	546353	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	784572	77.20	ng	-0.01
7) Phenol-d6	6.28	99	964988	69.96	ng	-0.03
23) Nitrobenzene-d5	7.21	82	1170814	91.38	ng	-0.03
41) 2,4,6-Tribromophenol	10.46	330	240373	73.52	ng	-0.02
44) 2-Fluorobiphenyl	9.00	172	1856693	88.39	ng	-0.03
78) Terphenyl-d14	12.74	244	2054841	80.40	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.21	70	159026	16.64	ng	# 74
25) Isophorone	7.21	82	1164048	47.15	ng	# 67
50) 2,6-Dinitrotoluene	9.66	165	46031	9.06	ng	# 11
56) 2,4-Dinitrotoluene	9.66	165	46025	7.12	ng	# 26
66) 4-Bromophenyl-phenylether	10.45	248	15266	2.18	ng	# 1

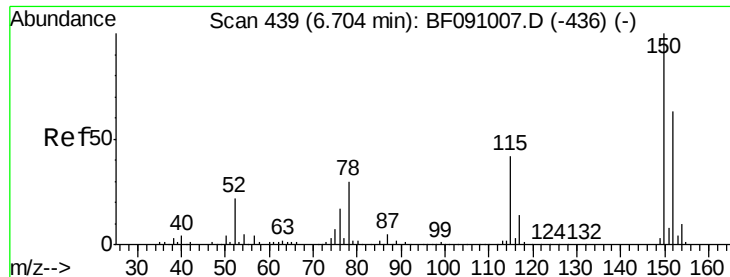
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.64 min Scan# 433

Delta R.T. -0.02 min

Lab File: BF091163.D

Acq: 14 Nov 2016 14:41

Instrument :

BNA_F

ClientSampleId :

PB94712BL

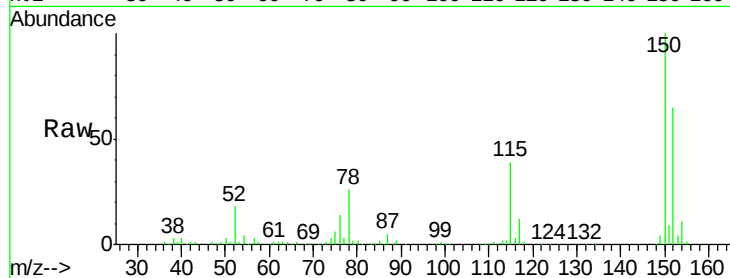
Tgt Ion:152 Resp: 167834

Ion Ratio Lower Upper

152 100

150 152.9 126.8 190.2

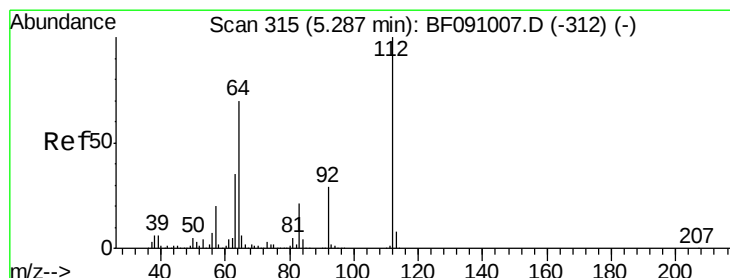
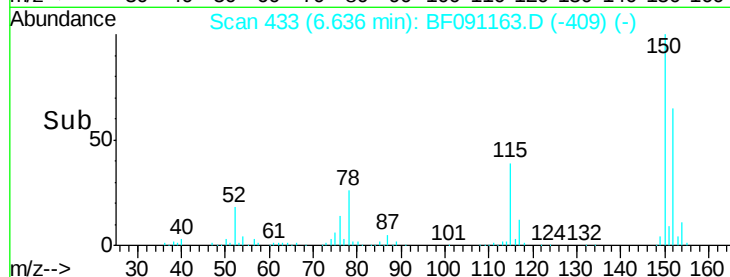
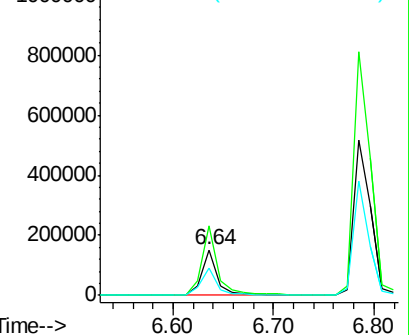
115 59.4 53.3 79.9



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: 77.20 ng

RT: 5.23 min Scan# 310

Delta R.T. -0.01 min

Lab File: BF091163.D

Acq: 14 Nov 2016 14:41

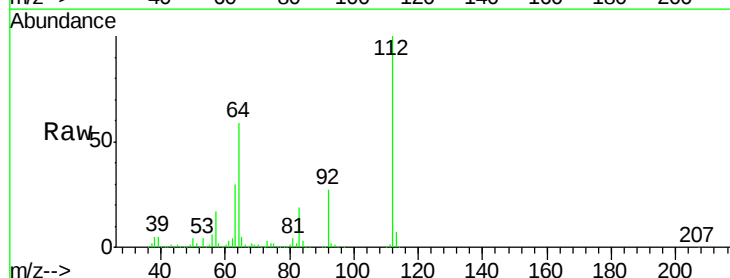
Tgt Ion:112 Resp: 784572

Ion Ratio Lower Upper

112 100

64 59.3 55.8 83.6

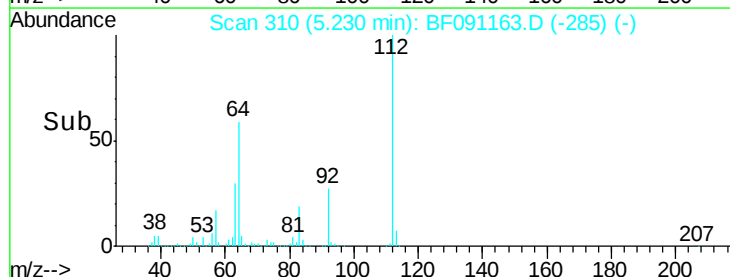
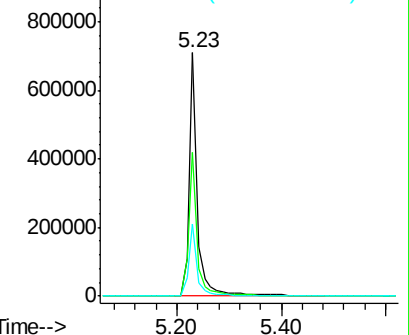
63 29.5 28.0 42.0

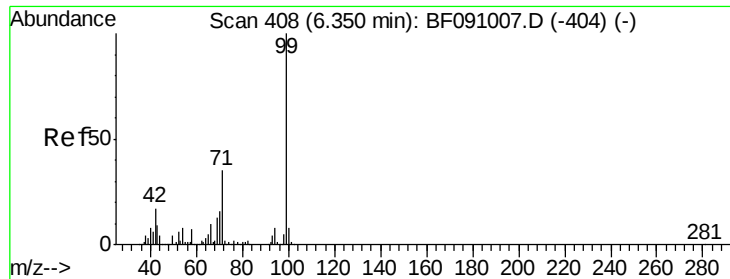


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 69.96 ng

RT: 6.28 min Scan# 402

Delta R.T. -0.03 min

Lab File: BF091163.D

Acq: 14 Nov 2016 14:41

Instrument :

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PB94712BL

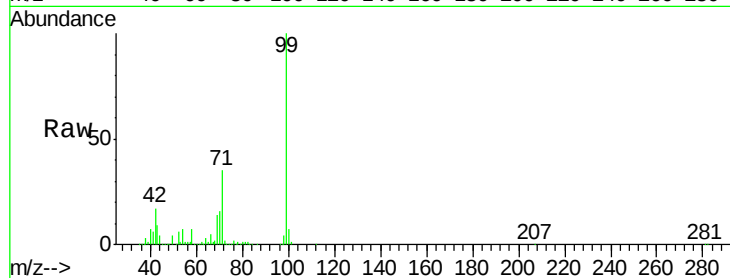
Tgt Ion: 99 Resp: 964988

Ion Ratio Lower Upper

99 100

42 17.4 13.9 20.9

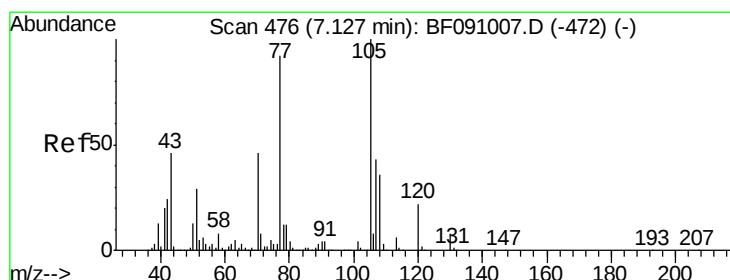
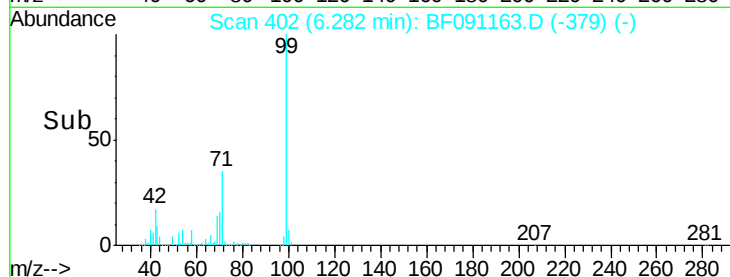
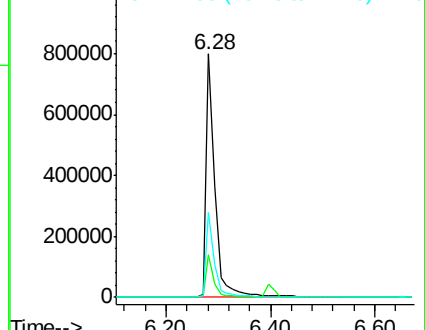
71 34.9 27.8 41.8



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



#19

n-Nitroso-di-n-propylamine

Concen: 16.64 ng

RT: 7.21 min Scan# 483

Delta R.T. 0.11 min

Lab File: BF091163.D

Acq: 14 Nov 2016 14:41

Tgt Ion: 70 Resp: 159026

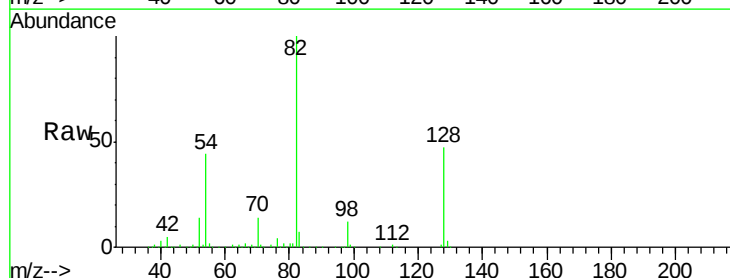
Ion Ratio Lower Upper

70 100

42 35.8 41.7 62.5#

101 0.0 6.7 10.1#

130 2.3 13.8 20.8#

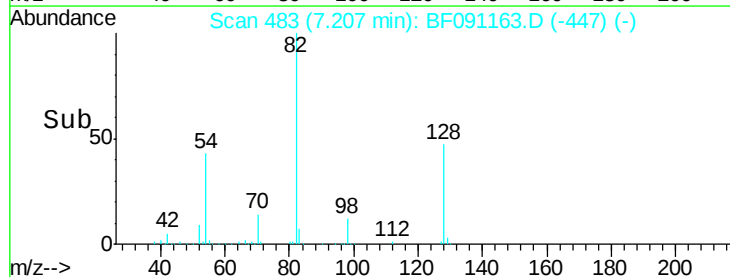
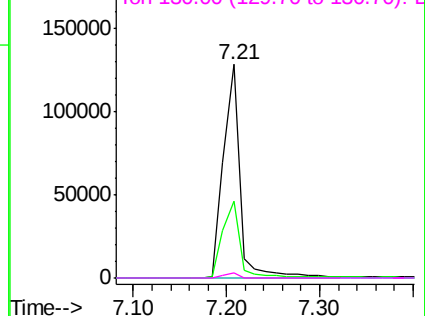


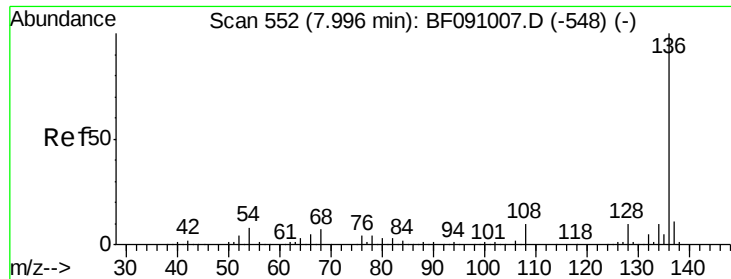
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

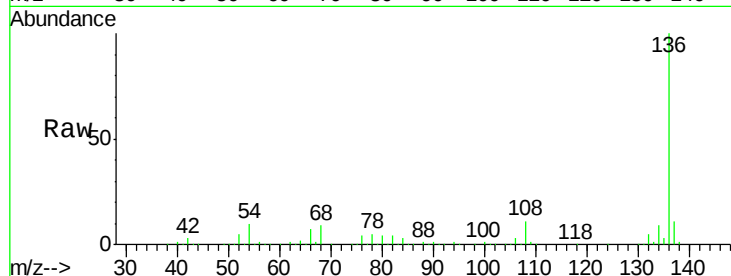




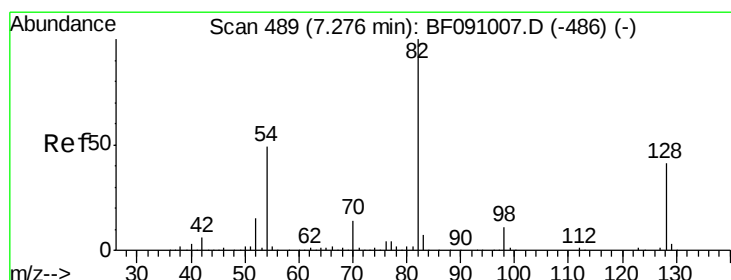
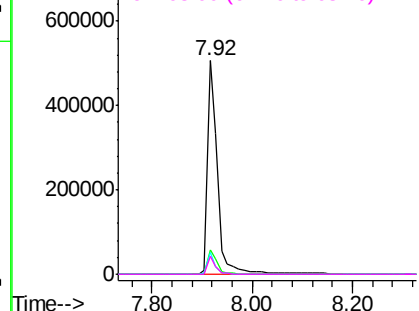
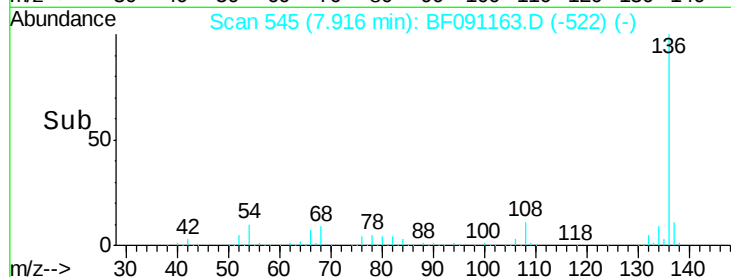
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.92 min Scan# 545
Delta R.T. -0.03 min
Lab File: BF091163.D
Acq: 14 Nov 2016 14:41

Instrument :
BNA_F
ClientSampleId :
PB94712BL

Tgt Ion:	136	Resp:	698910
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	10.2	6.2	9.2#
68	8.6	5.5	8.3#

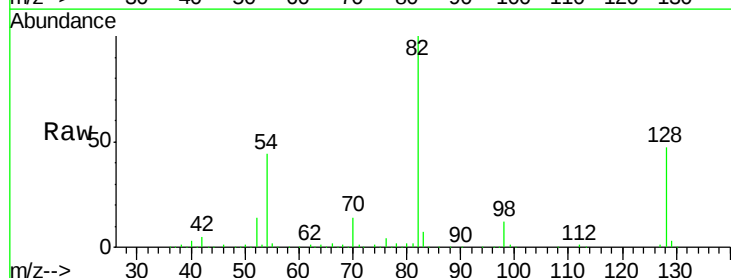


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

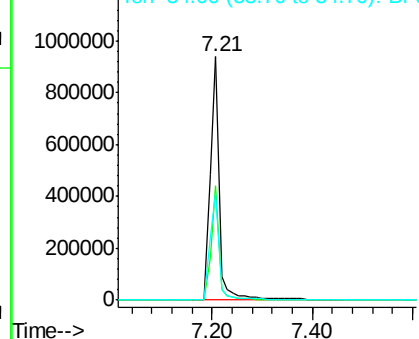
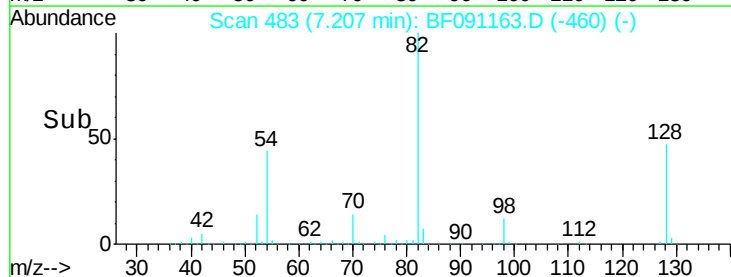


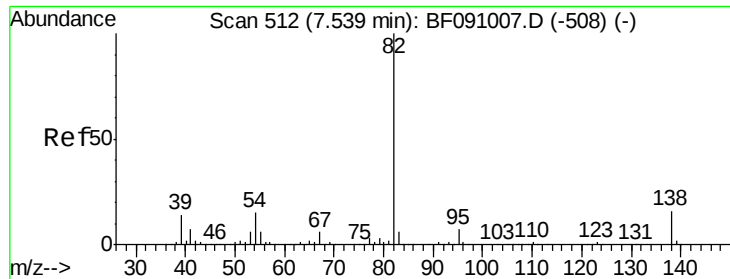
#23
Nitrobenzene-d5
Concen: 91.38 ng
RT: 7.21 min Scan# 483
Delta R.T. -0.03 min
Lab File: BF091163.D
Acq: 14 Nov 2016 14:41

Tgt Ion:	82	Resp:	1170814
Ion	Ratio	Lower	Upper
82	100		
128	46.7	32.4	48.6
54	43.9	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

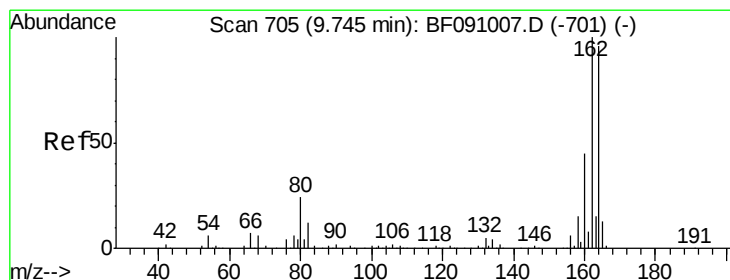
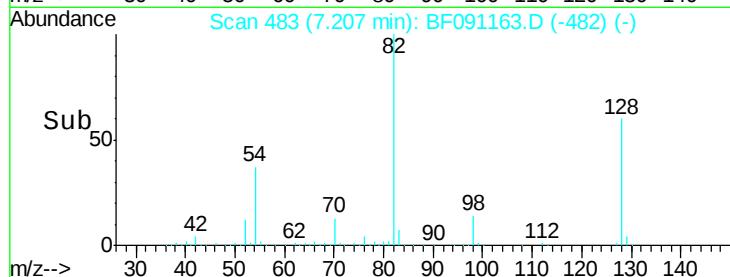
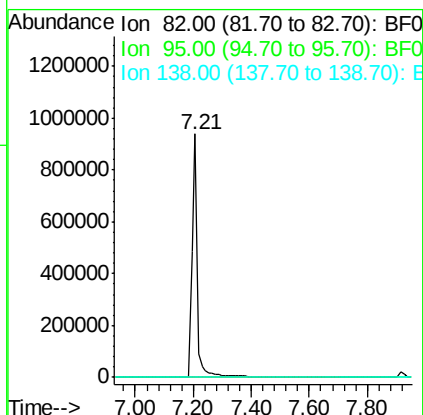
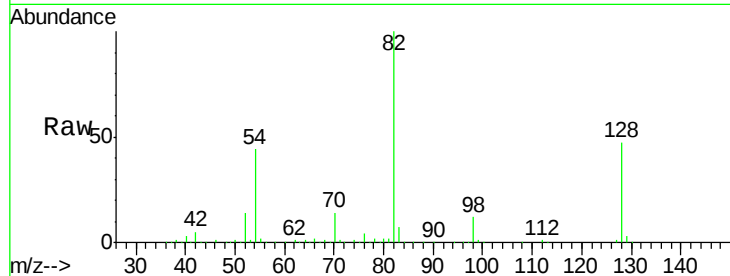




#25
Isophorone
Concen: 47.15 ng
RT: 7.21 min Scan# 483
Delta R.T. -0.29 min
Lab File: BF091163.D
Acq: 14 Nov 2016 14:41

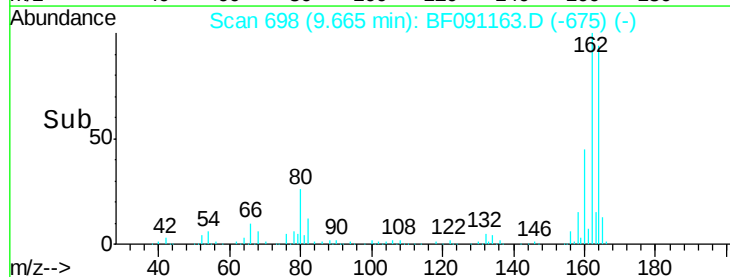
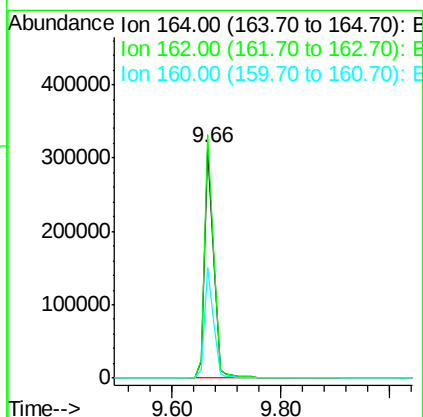
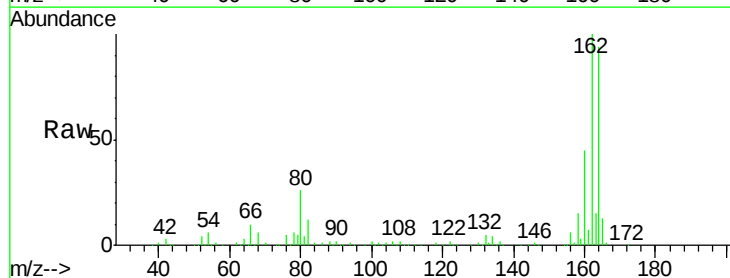
Instrument :
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ClientSampleId :
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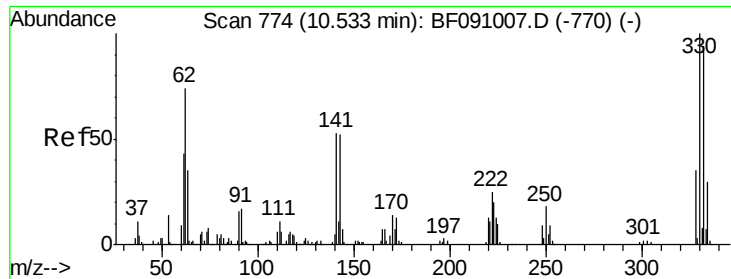
Tgt Ion: 82 Resp: 1164048
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.0 19.4#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.66 min Scan# 698
Delta R.T. -0.03 min
Lab File: BF091163.D
Acq: 14 Nov 2016 14:41

Tgt Ion: 164 Resp: 361637
Ion Ratio Lower Upper
164 100
162 106.1 83.6 125.4
160 47.9 37.9 56.9

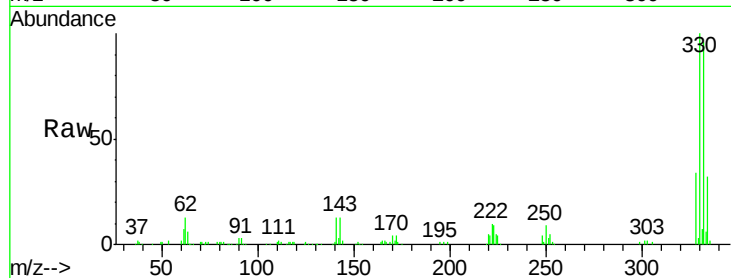




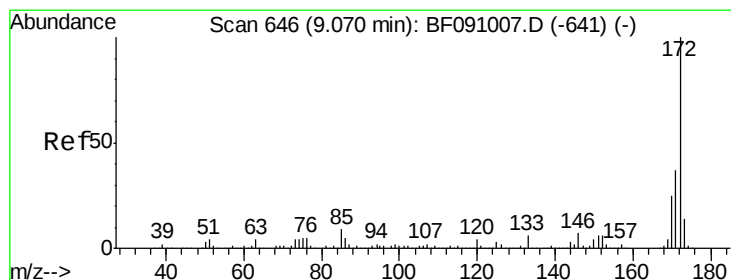
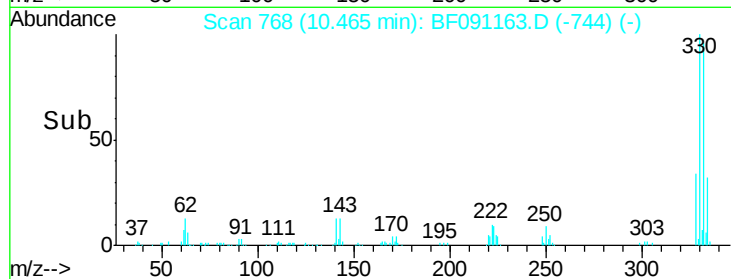
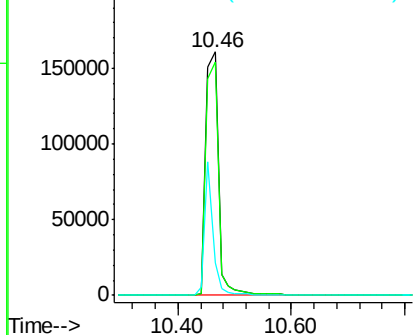
#41
 2,4,6-Tribromophenol
 Concen: 73.52 ng
 RT: 10.46 min Scan# 768
 Delta R.T. -0.02 min
 Lab File: BF091163.D
 Acq: 14 Nov 2016 14:41

Instrument :
 BNA_F
 ClientSampleId :
 PB94712BL

Tgt Ion:330 Resp: 240373
 Ion Ratio Lower Upper
 330 100
 332 96.0 75.9 113.9
 141 36.1 36.1 54.1#

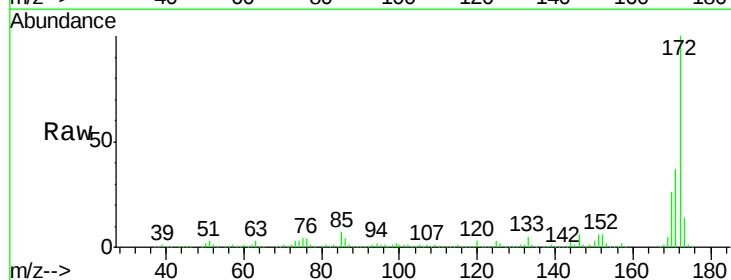


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

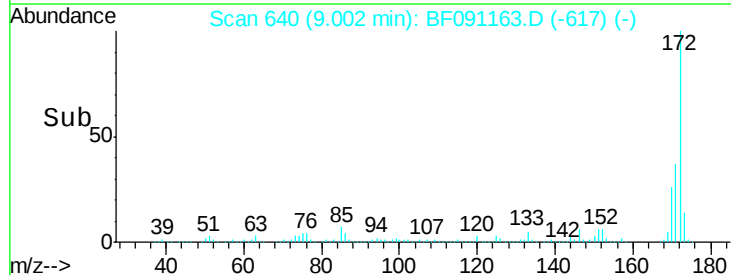
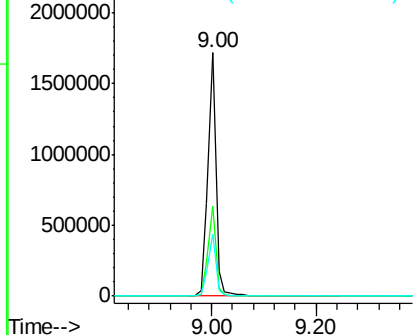


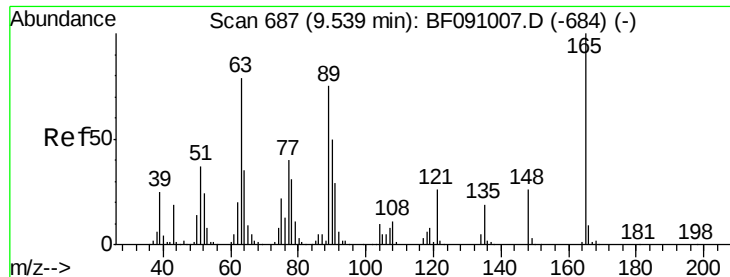
#44
 2-Fluorobiphenyl
 Concen: 88.39 ng
 RT: 9.00 min Scan# 640
 Delta R.T. -0.03 min
 Lab File: BF091163.D
 Acq: 14 Nov 2016 14:41

Tgt Ion:172 Resp: 1856693
 Ion Ratio Lower Upper
 172 100
 171 37.2 29.8 44.6
 170 25.6 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

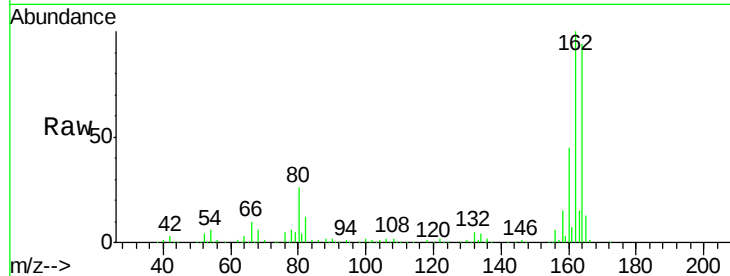




#50
 2,6-Dinitrotoluene
 Concen: 9.06 ng
 RT: 9.66 min Scan# 698
 Delta R.T. 0.16 min
 Lab File: BF091163.D
 Acq: 14 Nov 2016 14:41

Instrument :
 BNA_F
 ClientSampled :
 PB94712BL

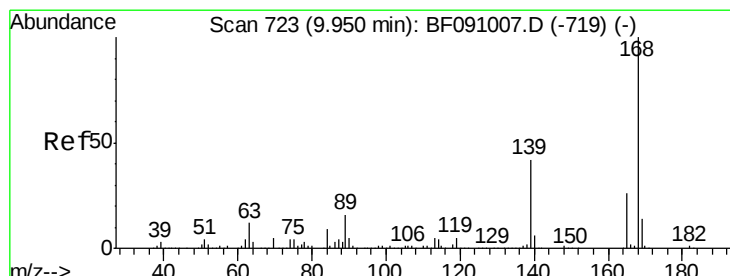
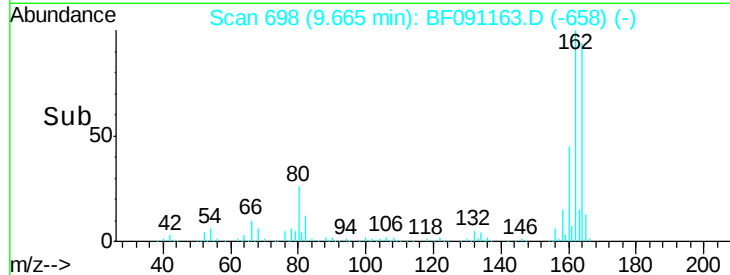
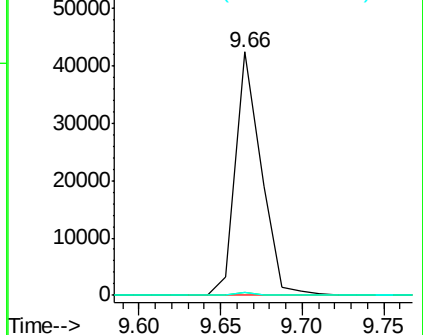
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	65.6	98.4#
89	1.2	59.8	89.6#



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: 7.12 ng
 RT: 9.66 min Scan# 698
 Delta R.T. -0.24 min
 Lab File: BF091163.D
 Acq: 14 Nov 2016 14:41

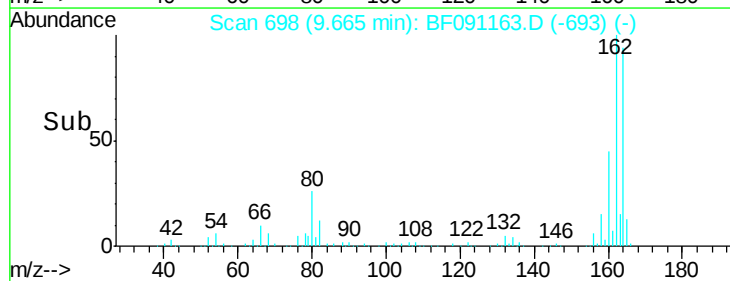
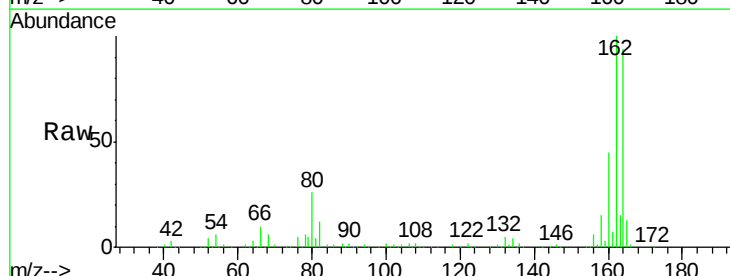
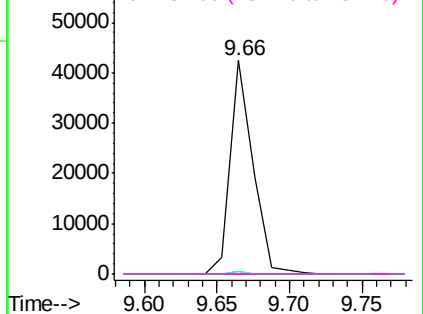
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	38.7	58.1#
89	1.2	50.6	76.0#
182	0.0	1.8	2.8#

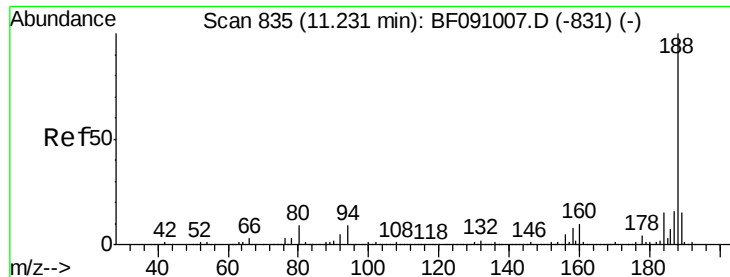
Abundance Ion 165.00 (164.70 to 165.70): E

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

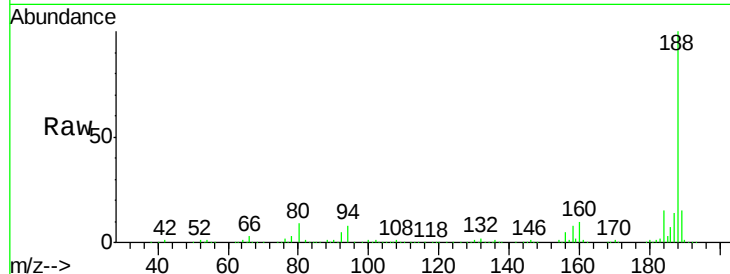




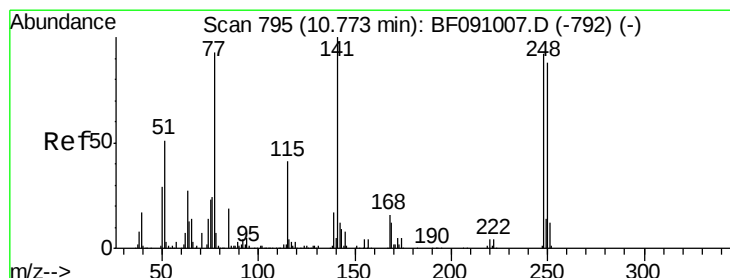
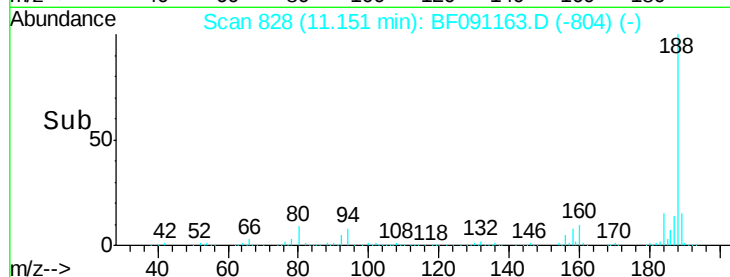
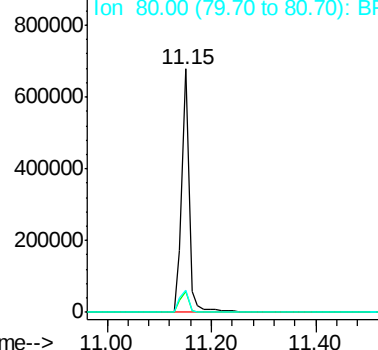
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.15 min Scan# 828
Delta R.T. -0.02 min
Lab File: BF091163.D
Acq: 14 Nov 2016 14:41

Instrument :
BNA_F
ClientSampleId :
PB94712BL

Tgt Ion:188 Resp: 674685
Ion Ratio Lower Upper
188 100
94 8.5 7.0 10.4
80 9.0 7.5 11.3

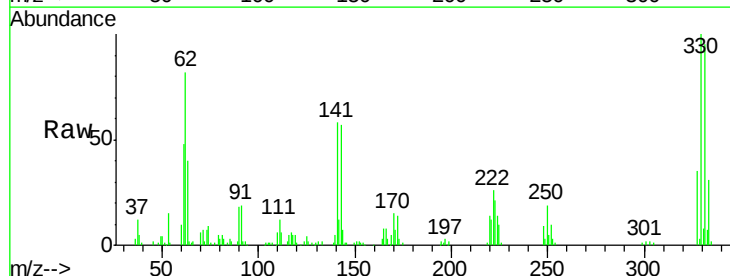


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

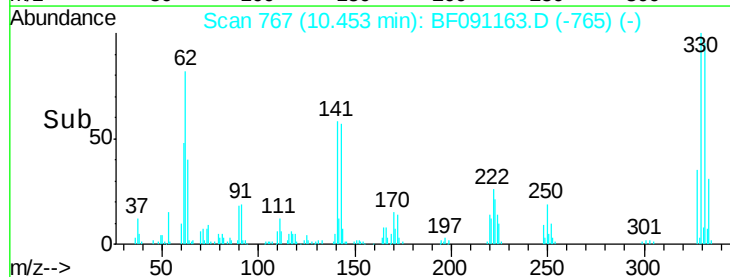
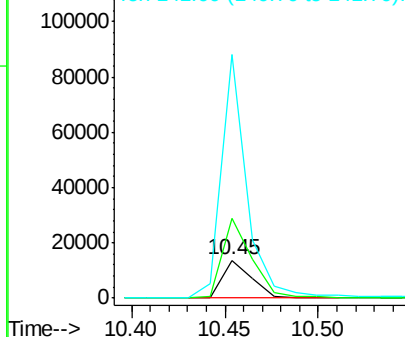


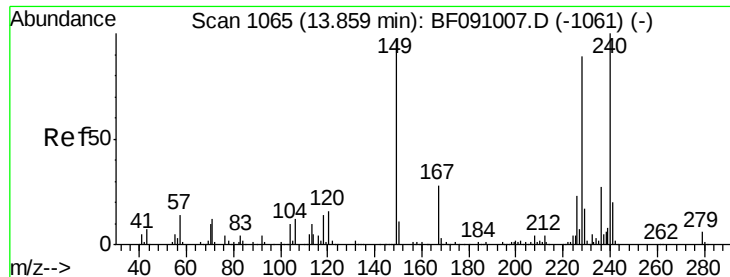
#66
4-Bromophenyl-phenylether
Concen: 2.18 ng
RT: 10.45 min Scan# 767
Delta R.T. -0.27 min
Lab File: BF091163.D
Acq: 14 Nov 2016 14:41

Tgt Ion:248 Resp: 15266
Ion Ratio Lower Upper
248 100
250 208.2 76.3 114.5#
141 639.2 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: 13.78 min Scan# 1058

Delta R.T. -0.03 min

Lab File: BF091163.D

Acq: 14 Nov 2016 14:41

Instrument :

BNA_F

ClientSampleId :

PB94712BL

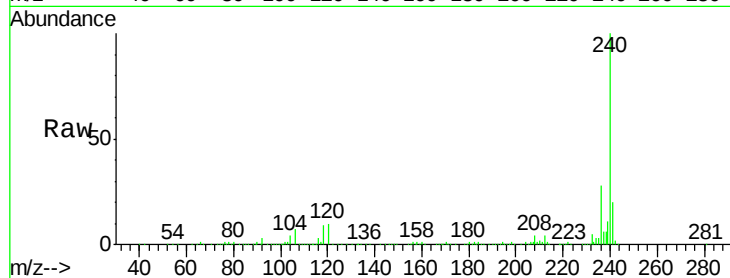
Tgt Ion:240 Resp: 637749

Ion Ratio Lower Upper

240 100

120 10.5 12.9 19.3#

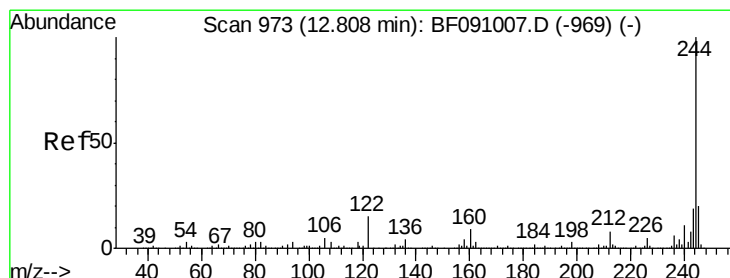
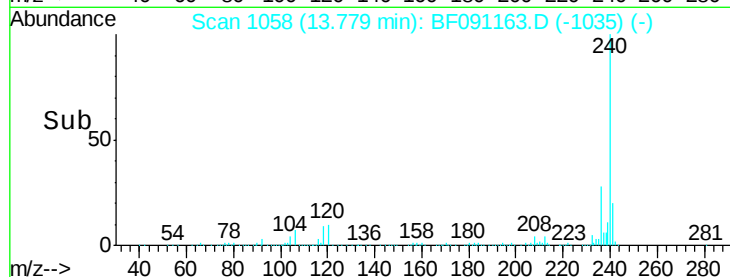
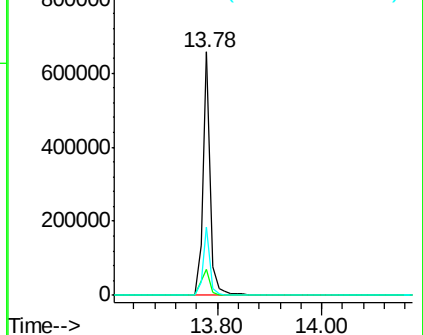
236 27.8 21.9 32.9



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: 80.40 ng

RT: 12.74 min Scan# 967

Delta R.T. -0.02 min

Lab File: BF091163.D

Acq: 14 Nov 2016 14:41

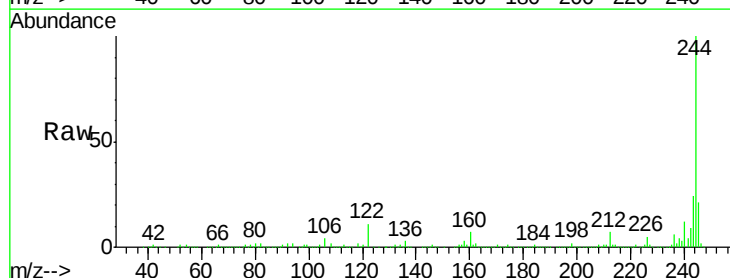
Tgt Ion:244 Resp: 2054841

Ion Ratio Lower Upper

244 100

212 7.3 6.4 9.6

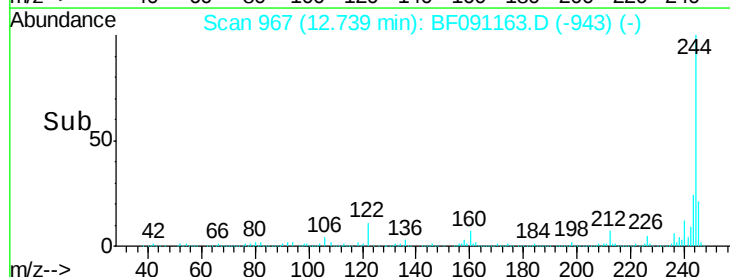
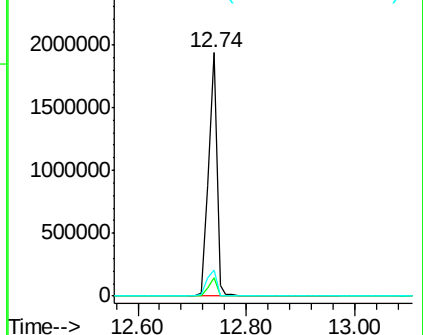
122 10.8 12.3 18.5#

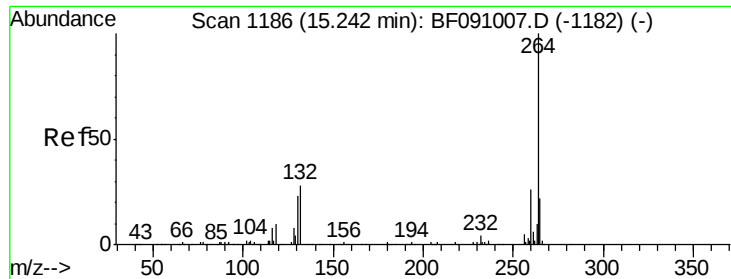


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.15 min Scan# 1178
Delta R.T. -0.03 min
Lab File: BF091163.D
Acq: 14 Nov 2016 14:41

Instrument :
BNA_F
ClientSampleId :
PB94712BL

Tgt Ion: 264 Resp: 546353
Ion Ratio Lower Upper
264 100
260 25.4 20.6 30.8
265 21.4 17.8 26.8

