

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF113016\
 Data File : BF091367.D
 Acq On : 30 Nov 2016 21:10
 Operator : UM/SJ
 Sample : PB94960BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB94960BL

Quant Time: Dec 01 00:19:04 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 29 13:33:46 2016
 Response via : Initial Calibration

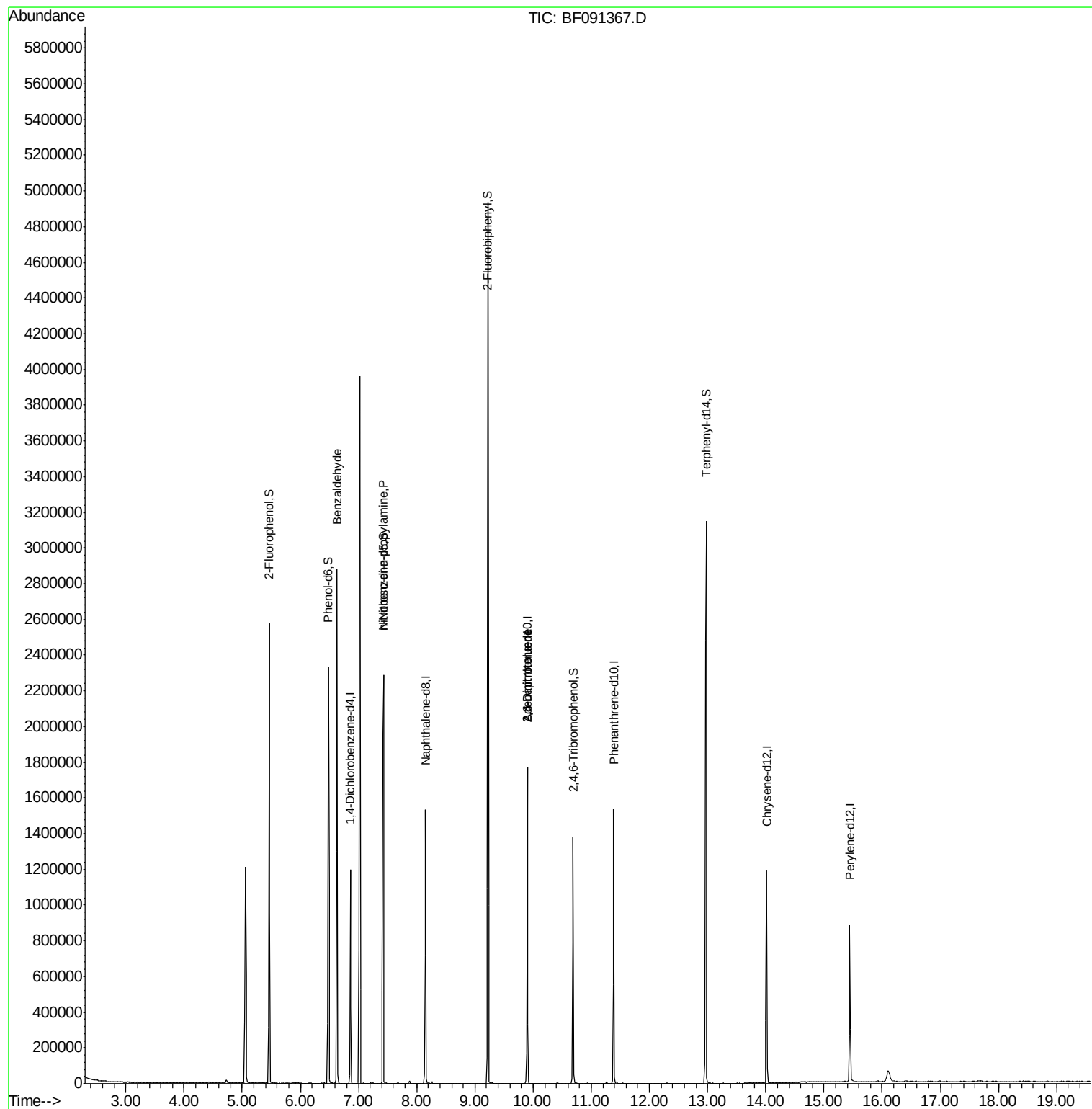
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	182676	20.00	ng	-0.02
21) Naphthalene-d8	8.15	136	777171	20.00	ng	-0.02
38) Acenaphthene-d10	9.90	164	384503	20.00	ng	-0.02
63) Phenanthrene-d10	11.38	188	606704	20.00	ng	-0.02
75) Chrysene-d12	14.01	240	441240	20.00	ng	-0.03
86) Perylene-d12	15.44	264	399267	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	691465	61.84	ng	0.00
7) Phenol-d6	6.48	99	875746	63.62	ng	-0.02
23) Nitrobenzene-d5	7.43	82	1061536	76.55	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	205838	56.55	ng	-0.02
44) 2-Fluorobiphenyl	9.22	172	1648504	77.63	ng	-0.02
78) Terphenyl-d14	12.97	244	1436606	70.77	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.63	77	19234	2.17	ng	Qvalue 91
19) n-Nitroso-di-n-propylamine	7.43	70	142428	16.42	ng	# 65
50) 2,6-Dinitrotoluene	9.90	165	50132	9.63	ng	# 16
56) 2,4-Dinitrotoluene	9.90	165	50134	7.43	ng	# 33

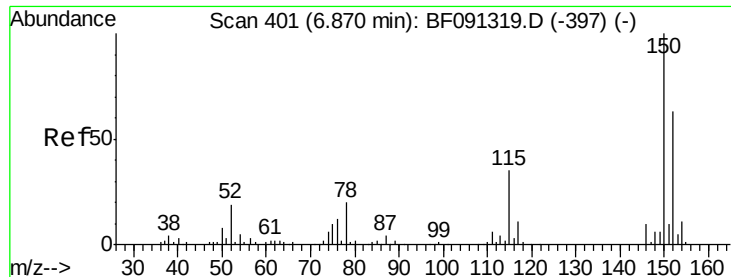
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 400

Delta R.T. -0.02 min

Lab File: BF091367.D

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Instrument :

BNA_F

ClientSampleId :

PB94960BL

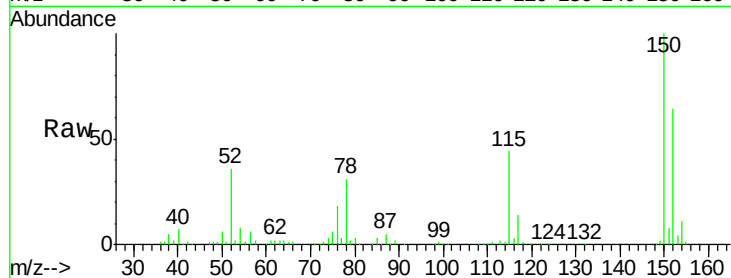
Tgt Ion:152 Resp: 182676

Ion Ratio Lower Upper

152 100

150 157.1 122.5 183.7

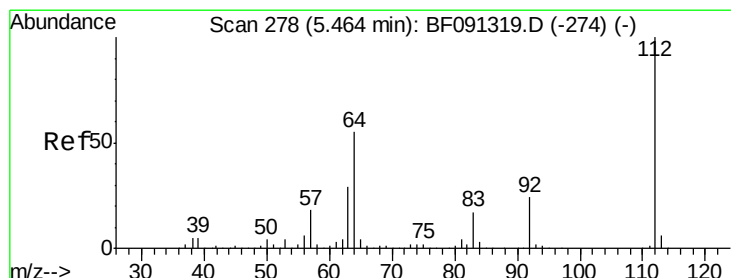
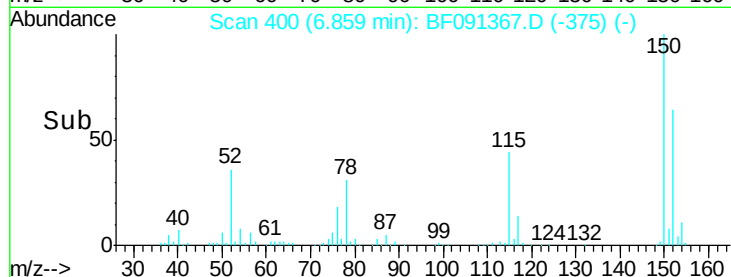
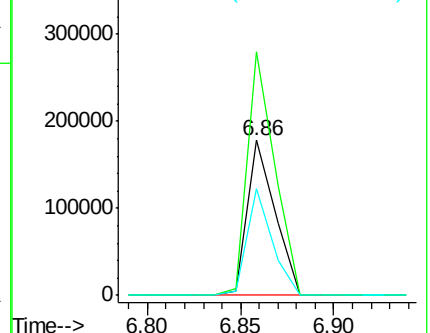
115 68.9 51.8 77.8



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: 61.84 ng

RT: 5.46 min Scan# 278

Delta R.T. -0.00 min

Lab File: BF091367.D

Acq: 30 Nov 2016 21:10

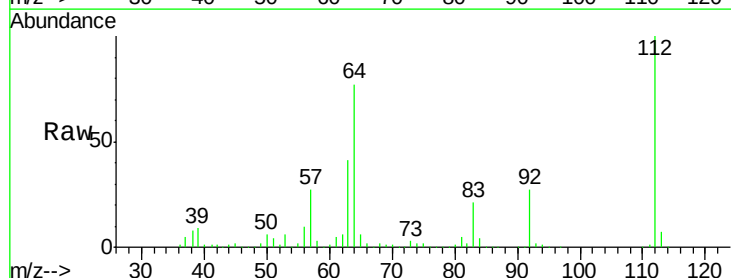
Tgt Ion:112 Resp: 691465

Ion Ratio Lower Upper

112 100

64 76.8 61.5 92.3

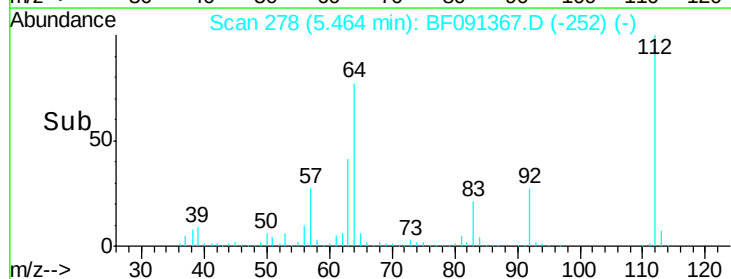
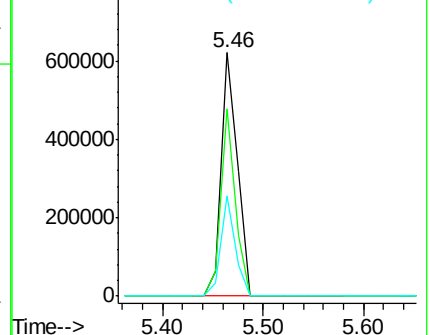
63 41.3 33.3 49.9

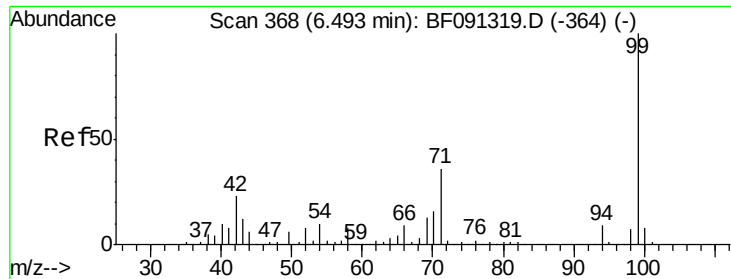


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 63.62 ng

RT: 6.48 min Scan# 367

Delta R.T. -0.02 min

Lab File: BF091367.D

Acq: 30 Nov 2016 21:10

Instrument :

BNA_F

ClientSampled :

PB94960BL

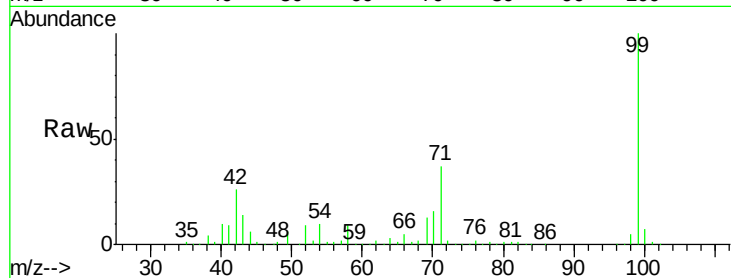
Tgt Ion: 99 Resp: 875746

Ion Ratio Lower Upper

99 100

42 26.0 20.6 31.0

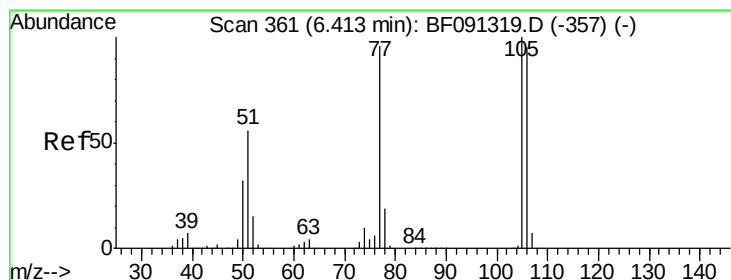
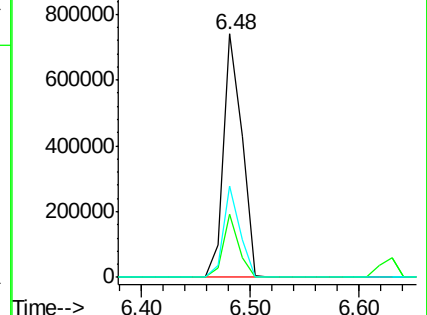
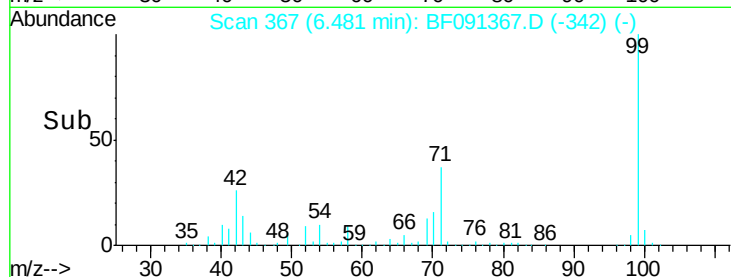
71 37.3 29.9 44.9



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: 2.17 ng

RT: 6.63 min Scan# 380

Delta R.T. 0.21 min

Lab File: BF091367.D

Acq: 30 Nov 2016 21:10

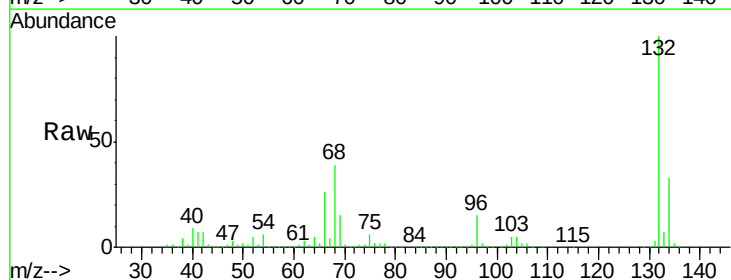
Tgt Ion: 77 Resp: 19234

Ion Ratio Lower Upper

77 100

105 80.6 66.4 106.4

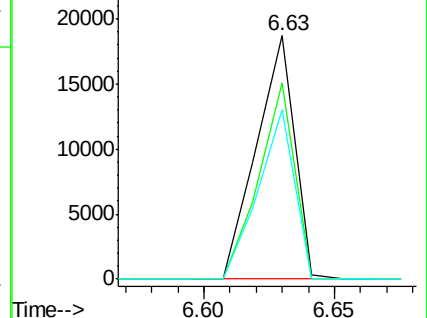
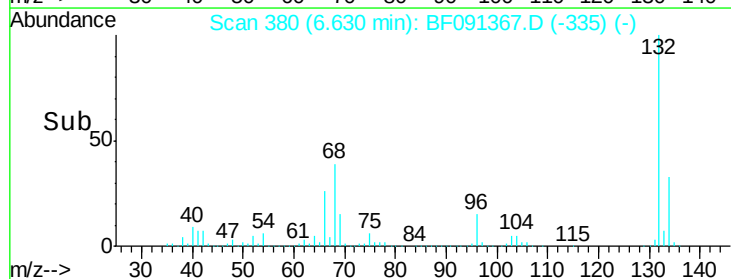
106 69.6 60.9 100.9

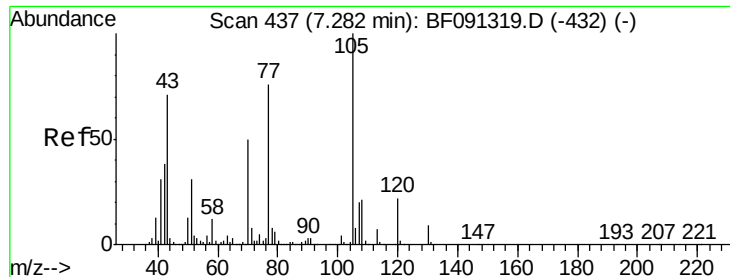


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

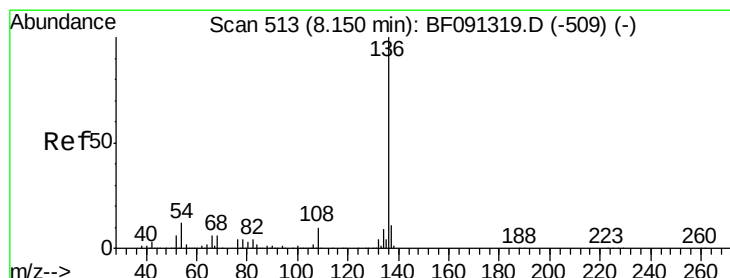
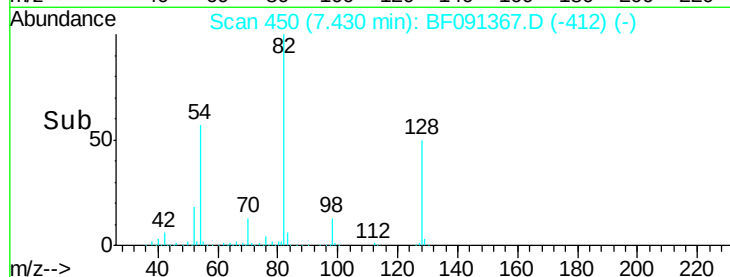
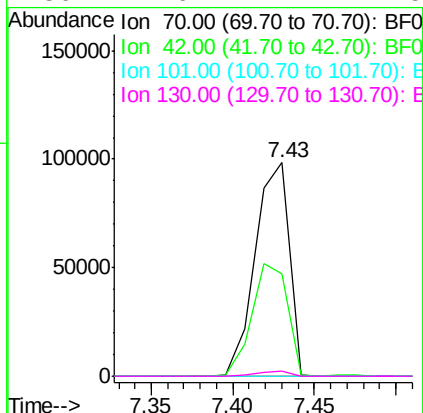
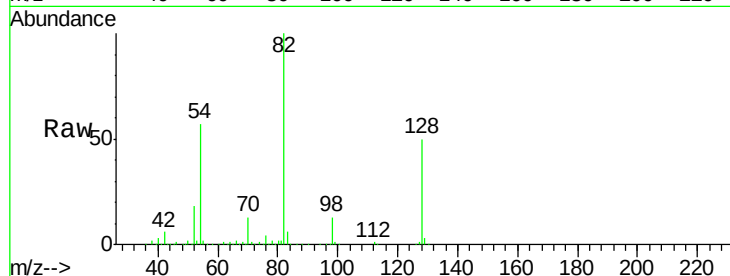




#19
n-Nitroso-di-n-propylamine
Concen: 16.42 ng
RT: 7.43 min Scan# 450
Delta R.T. 0.13 min
Lab File: BF091367.D
Acq: 30 Nov 2016 21:10

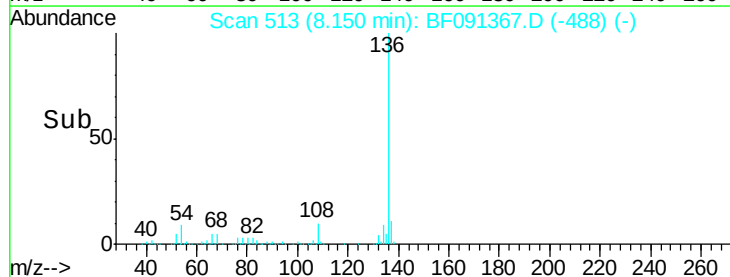
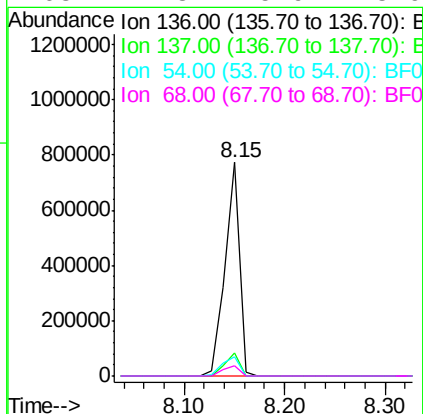
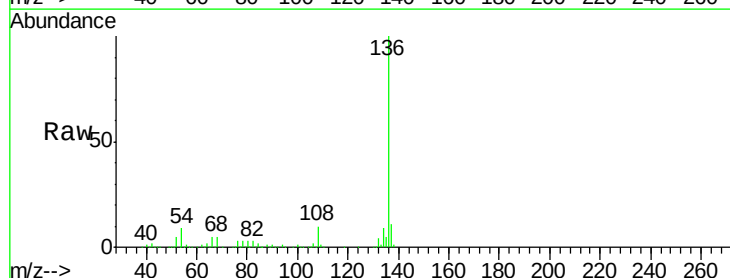
Instrument :
BNA_F
ClientSampleId :
PB94960BL

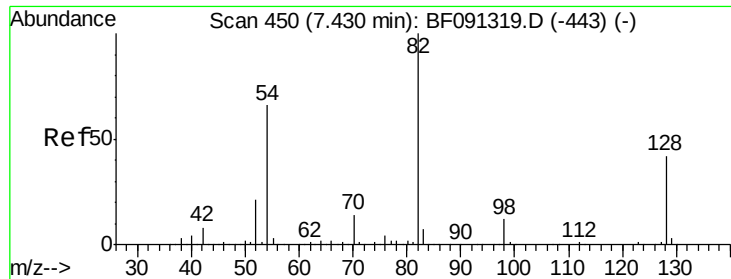
Tgt Ion: 70 Resp: 142428
Ion Ratio Lower Upper
70 100
42 47.7 64.8 97.2#
101 0.0 6.2 9.4#
130 2.6 11.7 17.5#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 513
Delta R.T. -0.02 min
Lab File: BF091367.D
Acq: 30 Nov 2016 21:10

Tgt Ion: 136 Resp: 777171
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 9.0 9.1 13.7#
68 4.8 5.9 8.9#

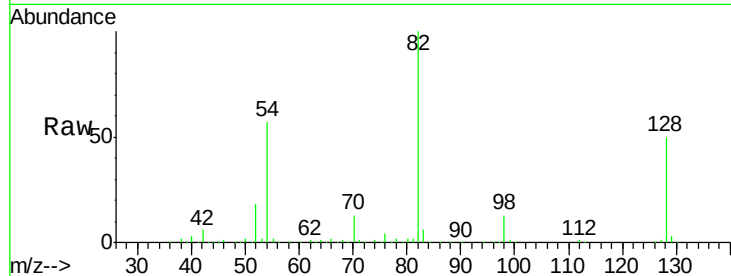




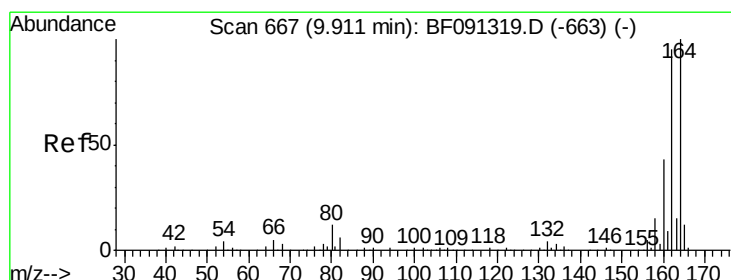
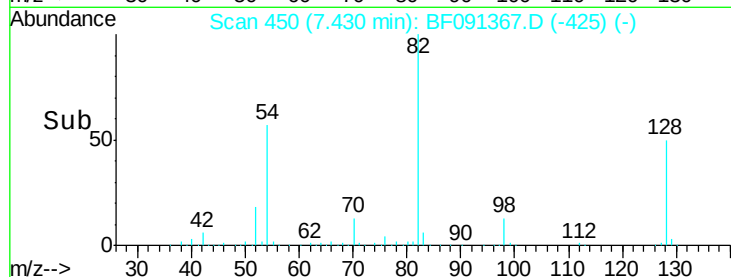
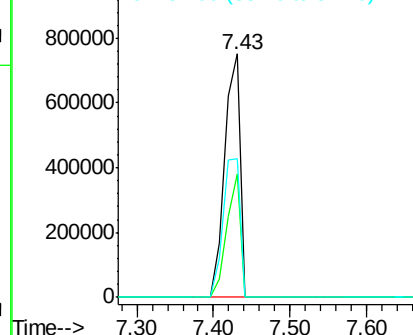
#23
 Nitrobenzene-d5
 Concen: 76.55 ng
 RT: 7.43 min Scan# 450
 Delta R.T. -0.02 min
 Lab File: BF091367.D
 Acq: 30 Nov 2016 21:10

Instrument :
 BNA_F
 ClientSampleId :
 PB94960BL

Tgt Ion: 82 Resp: 1061536
 Ion Ratio Lower Upper
 82 100
 128 50.4 31.8 47.6#
 54 56.8 49.1 73.7

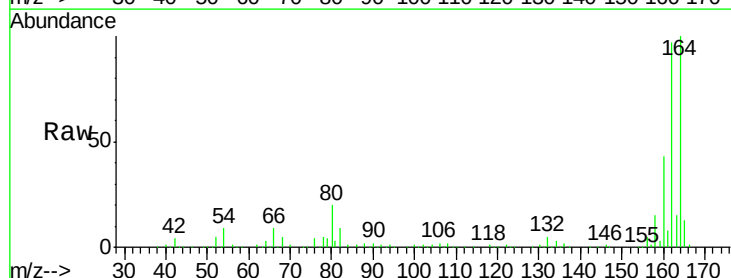


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

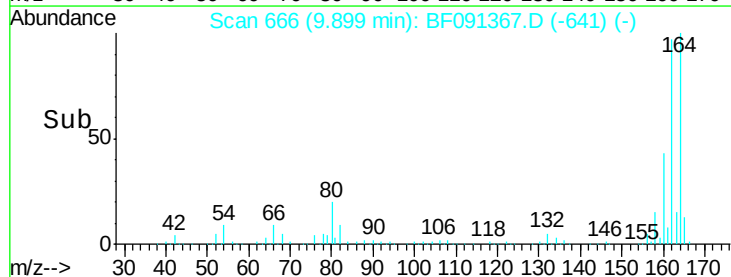
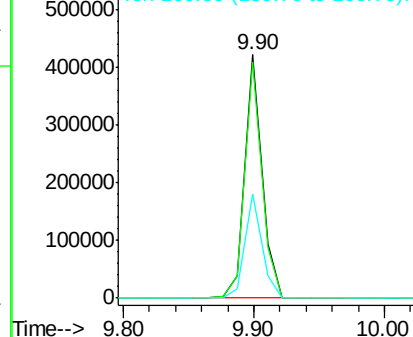


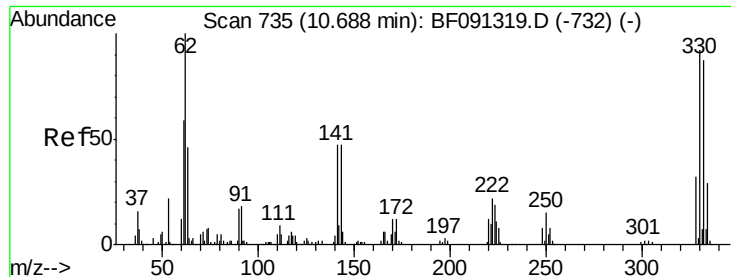
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 666
 Delta R.T. -0.02 min
 Lab File: BF091367.D
 Acq: 30 Nov 2016 21:10

Tgt Ion: 164 Resp: 384503
 Ion Ratio Lower Upper
 164 100
 162 96.9 82.6 124.0
 160 42.6 36.7 55.1



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

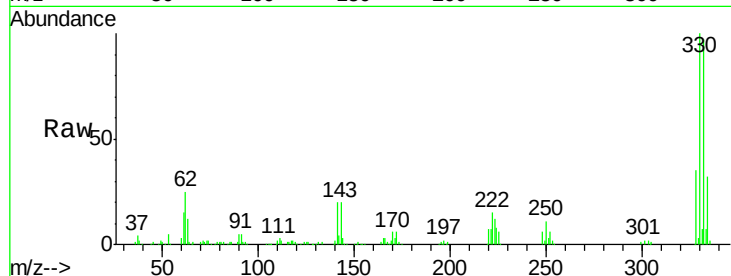




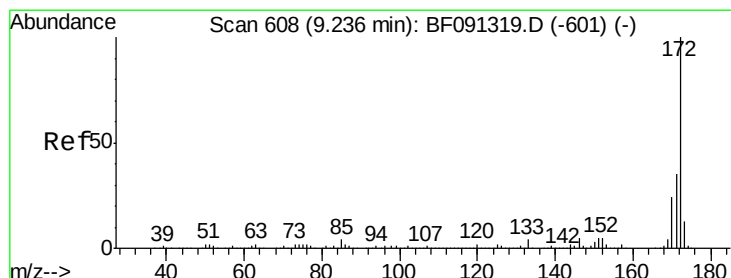
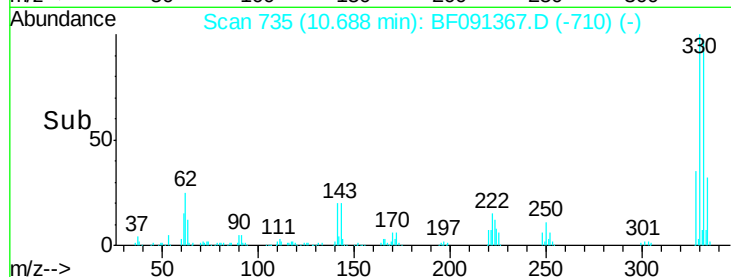
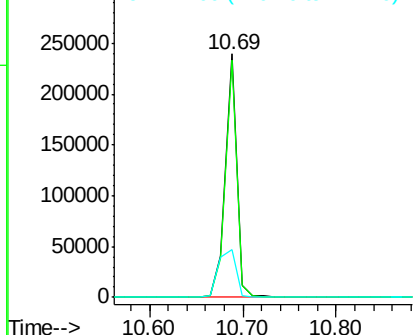
#41
 2,4,6-Tribromophenol
 Concen: 56.55 ng
 RT: 10.69 min Scan# 735
 Delta R.T. -0.02 min
 Lab File: BF091367.D
 Acq: 30 Nov 2016 21:10

Instrument :
 BNA_F
 ClientSampleId :
 PB94960BL

Tgt Ion:330 Resp: 205838
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.2 114.4
 141 29.9 33.6 50.4#

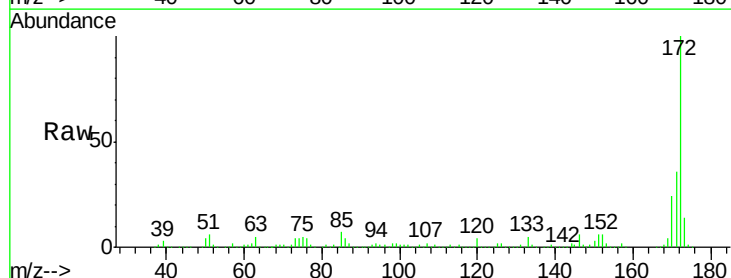


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

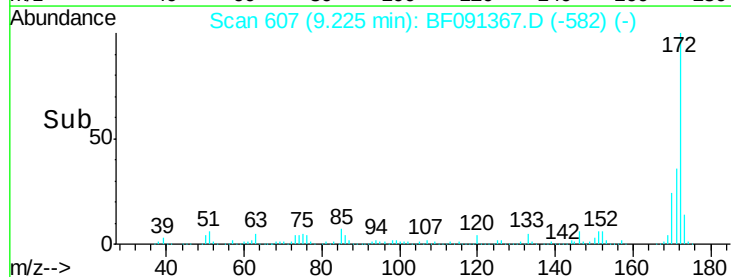
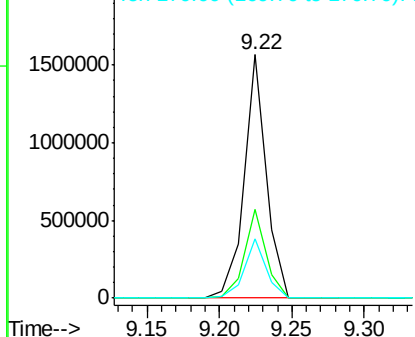


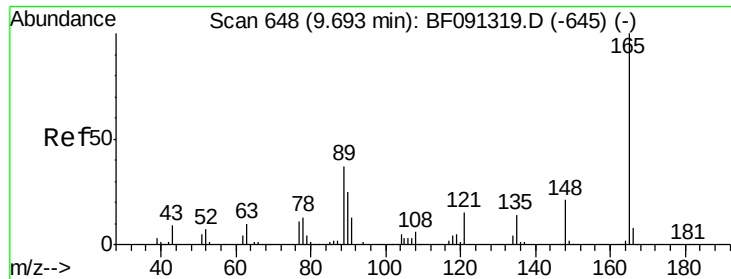
#44
 2-Fluorobiphenyl
 Concen: 77.63 ng
 RT: 9.22 min Scan# 607
 Delta R.T. -0.02 min
 Lab File: BF091367.D
 Acq: 30 Nov 2016 21:10

Tgt Ion:172 Resp: 1648504
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.4 44.0
 170 24.4 19.7 29.5



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

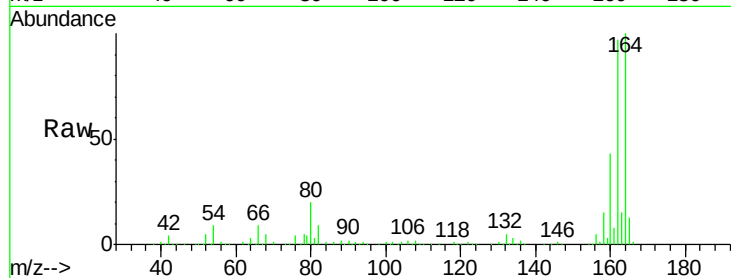




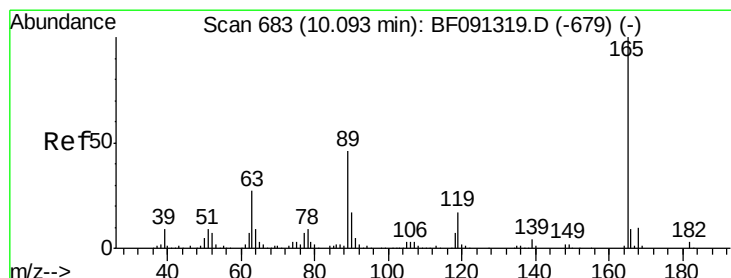
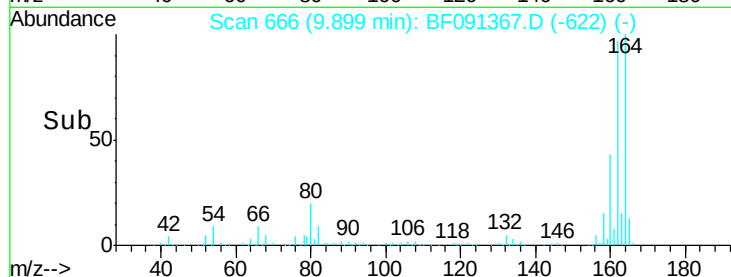
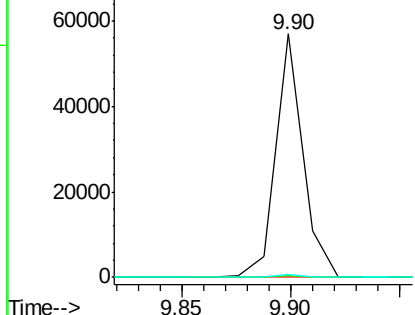
#50
2,6-Dinitrotoluene
Concen: 9.63 ng
RT: 9.90 min Scan# 666
Delta R.T. 0.20 min
Lab File: BF091367.D
Acq: 30 Nov 2016 21:10

Instrument :
BNA_F
ClientSampleId :
PB94960BL

Tgt Ion:165 Resp: 50132
Ion Ratio Lower Upper
165 100
63 0.9 59.4 89.0#
89 1.0 50.8 76.2#

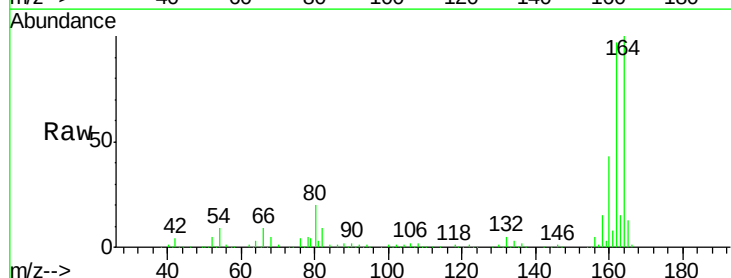


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

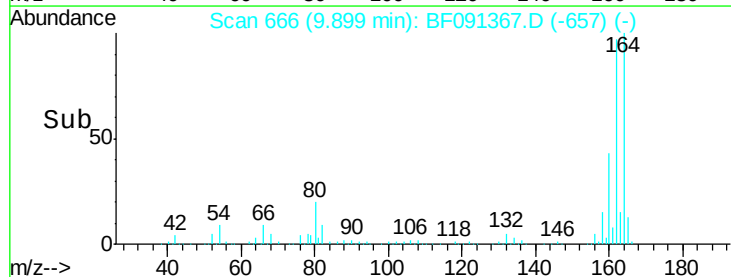
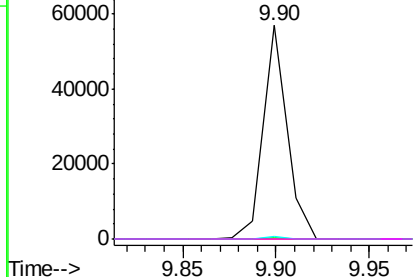


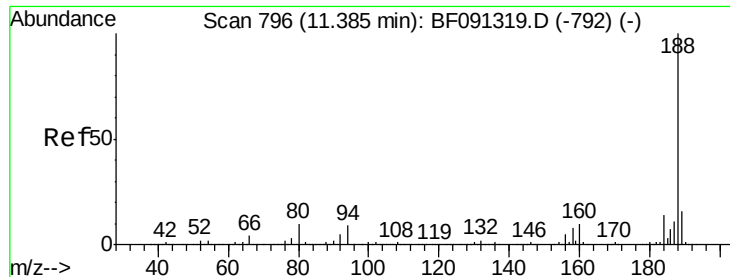
#56
2,4-Dinitrotoluene
Concen: 7.43 ng
RT: 9.90 min Scan# 666
Delta R.T. -0.20 min
Lab File: BF091367.D
Acq: 30 Nov 2016 21:10

Tgt Ion:165 Resp: 50134
Ion Ratio Lower Upper
165 100
63 0.9 29.0 43.4#
89 1.0 43.1 64.7#
182 0.0 1.9 2.9#



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

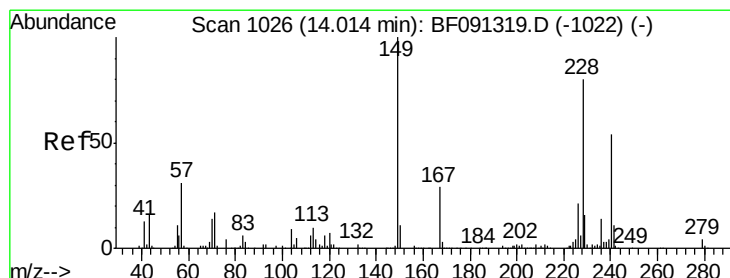
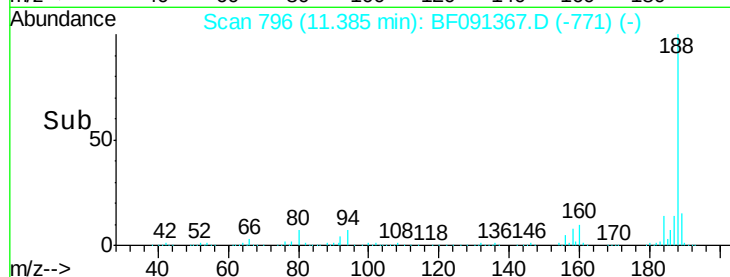
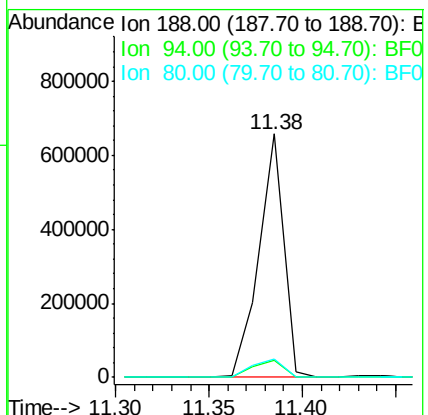
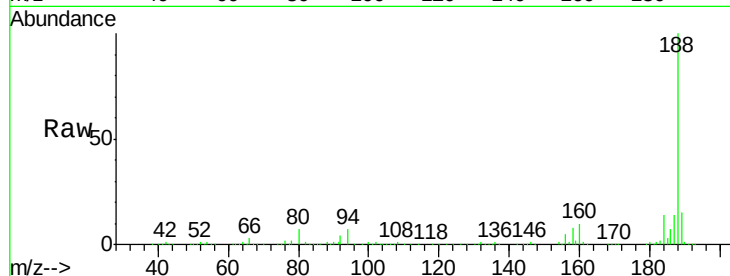




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 796
Delta R.T. -0.02 min
Lab File: BF091367.D
Acq: 30 Nov 2016 21:10

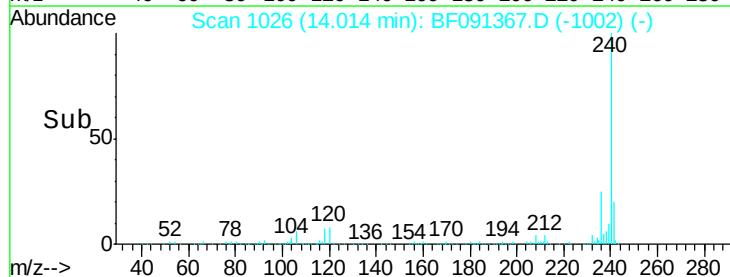
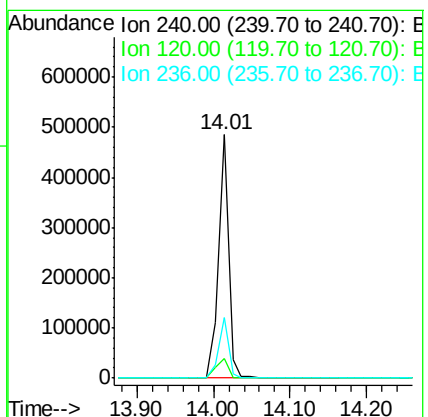
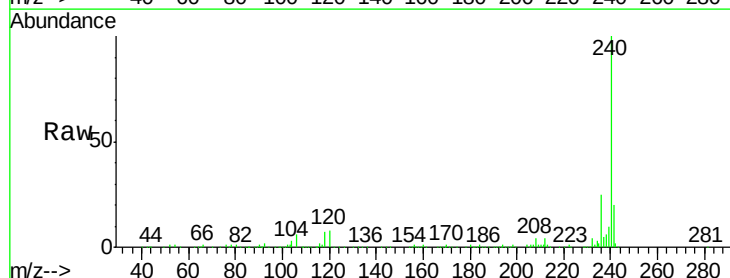
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ClientSampleId :
PB94960BL

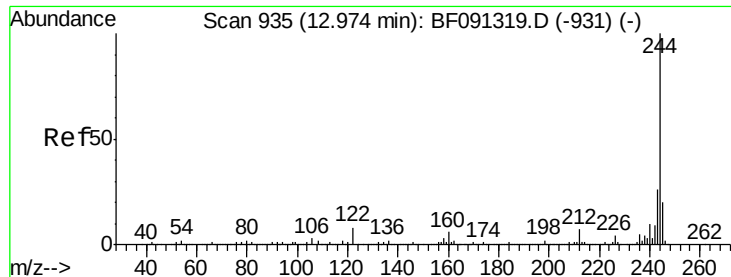
Tgt Ion:188 Resp: 606704
Ion Ratio Lower Upper
188 100
94 7.0 9.2 13.8#
80 7.3 10.5 15.7#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1026
Delta R.T. -0.03 min
Lab File: BF091367.D
Acq: 30 Nov 2016 21:10

Tgt Ion:240 Resp: 441240
Ion Ratio Lower Upper
240 100
120 8.3 12.1 18.1#
236 24.9 21.0 31.6

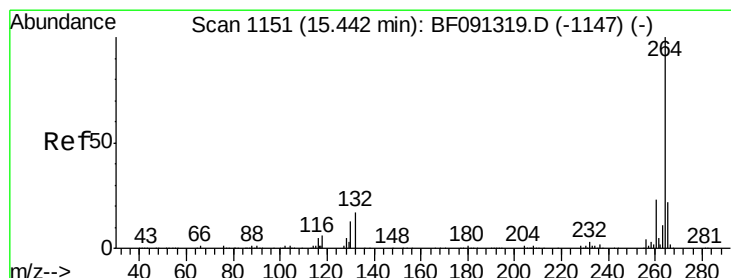
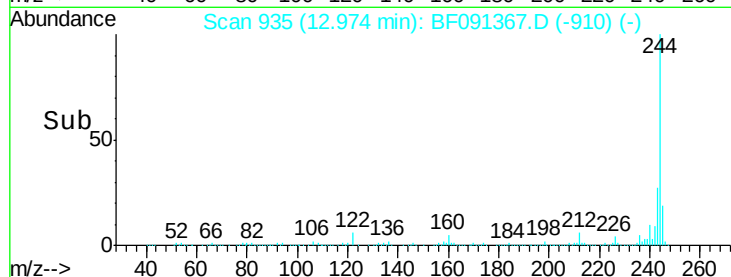
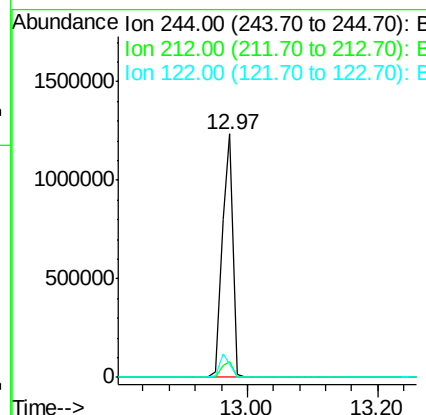
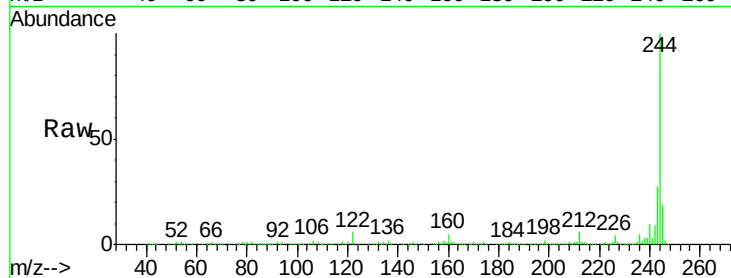




#78
 Terphenyl-d14
 Concen: 70.77 ng
 RT: 12.97 min Scan# 935
 Delta R.T. -0.02 min
 Lab File: BF091367.D
 Acq: 30 Nov 2016 21:10

Instrument :
 BNA_F
 ClientSampleId :
 PB94960BL

Tgt Ion:244 Resp: 1436606
 Ion Ratio Lower Upper
 244 100
 212 6.3 6.5 9.7#
 122 5.6 9.5 14.3#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1151
 Delta R.T. -0.03 min
 Lab File: BF091367.D
 Acq: 30 Nov 2016 21:10

Tgt Ion:264 Resp: 399267
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.8 28.2
 265 21.8 17.0 25.6

