

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120216\
 Data File : BF091391.D
 Acq On : 2 Dec 2016 16:11
 Operator : UM/SJ
 Sample : PB95000BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95000BL

Quant Time: Dec 02 22:18:12 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

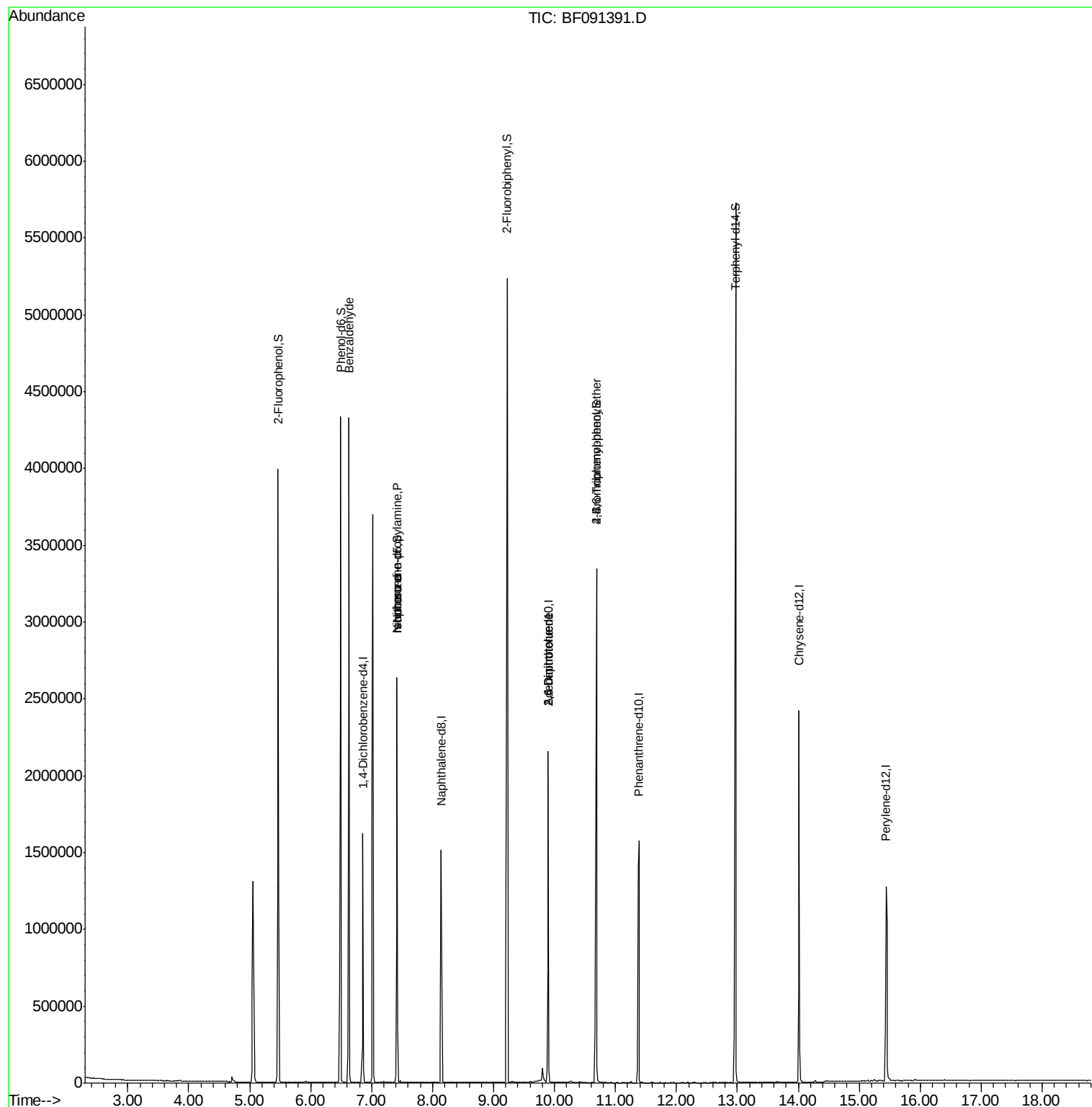
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	212628	20.00	ng	-0.02
21) Naphthalene-d8	8.14	136	781833	20.00	ng	-0.03
38) Acenaphthene-d10	9.90	164	509963	20.00	ng	-0.02
63) Phenanthrene-d10	11.38	188	875644	20.00	ng	-0.02
75) Chrysene-d12	14.01	240	858314	20.00	ng	-0.03
86) Perylene-d12	15.44	264	745198	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1149837	88.34	ng	0.00
7) Phenol-d6	6.49	99	1672230	104.37	ng	0.00
23) Nitrobenzene-d5	7.42	82	878454	62.97	ng	-0.03
41) 2,4,6-Tribromophenol	10.69	330	483263	100.10	ng	-0.02
44) 2-Fluorobiphenyl	9.22	172	1873022	66.50	ng	-0.02
78) Terphenyl-d14	12.97	244	2157659	54.64	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.63	77	33083	3.21	ng	Qvalue 89
19) n-Nitroso-di-n-propylamine	7.42	70	122389	12.12	ng	# 74
25) Isophorone	7.42	82	649070	26.26	ng	# 67
50) 2,6-Dinitrotoluene	9.90	165	66813	9.68	ng	# 16
56) 2,4-Dinitrotoluene	9.90	165	66817	7.46	ng	# 33
66) 4-Bromophenyl-phenylether	10.69	248	31581	3.36	ng	# 1

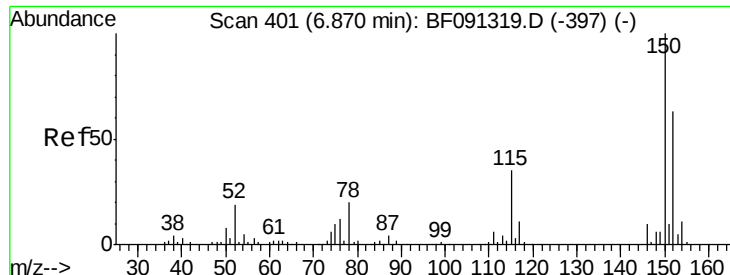
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB95000BL

Quant Time: Dec 02 22:18:12 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 400

Delta R.T. -0.02 min

Lab File: BF091391.D

Acq: 2 Dec 2016 16:11

Instrument :

BNA_F

ClientSampleId :

PB95000BL

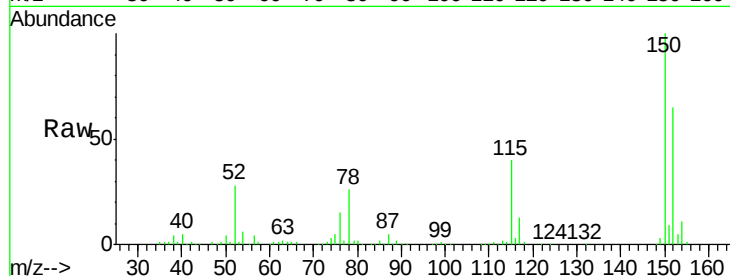
Tgt Ion:152 Resp: 212628

Ion Ratio Lower Upper

152 100

150 154.6 122.5 183.7

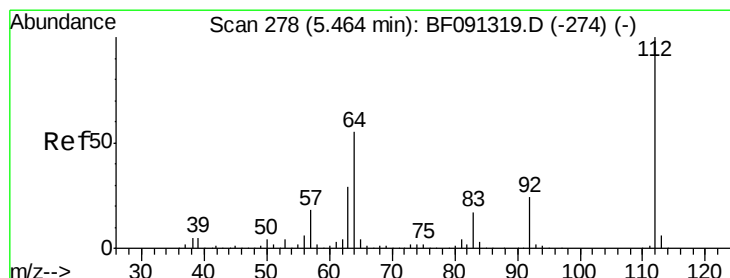
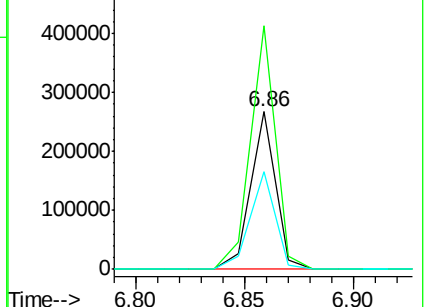
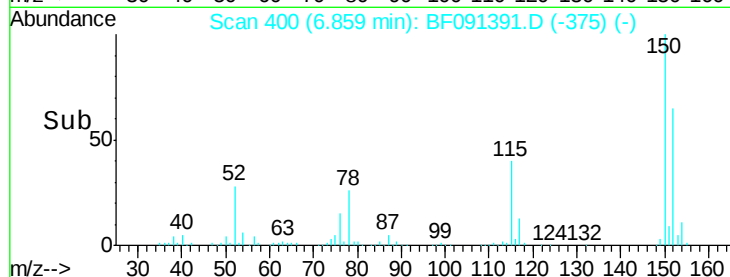
115 61.8 51.8 77.8



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: 88.34 ng

RT: 5.46 min Scan# 278

Delta R.T. -0.00 min

Lab File: BF091391.D

Acq: 2 Dec 2016 16:11

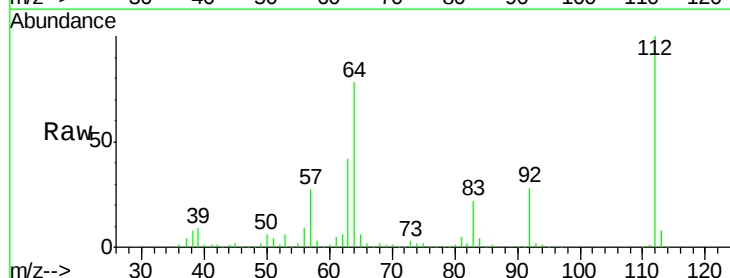
Tgt Ion:112 Resp: 1149837

Ion Ratio Lower Upper

112 100

64 78.0 61.5 92.3

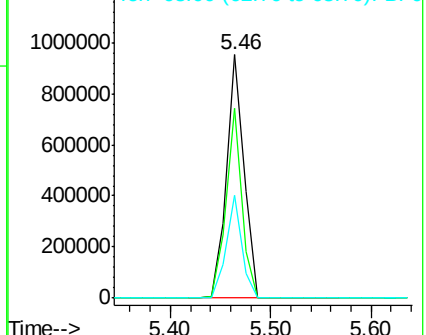
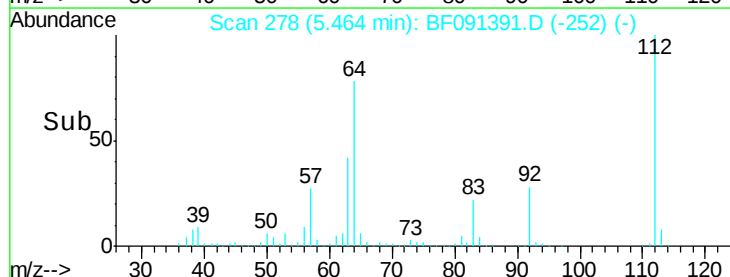
63 42.2 33.3 49.9

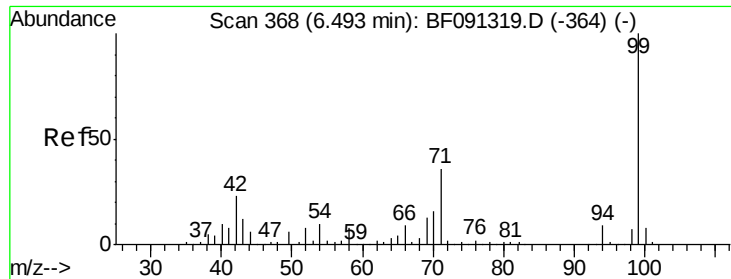


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 104.37 ng

RT: 6.49 min Scan# 368

Delta R.T. -0.01 min

Lab File: BF091391.D

Acq: 2 Dec 2016 16:11

Instrument :

BNA_F

ClientSampled :

PB95000BL

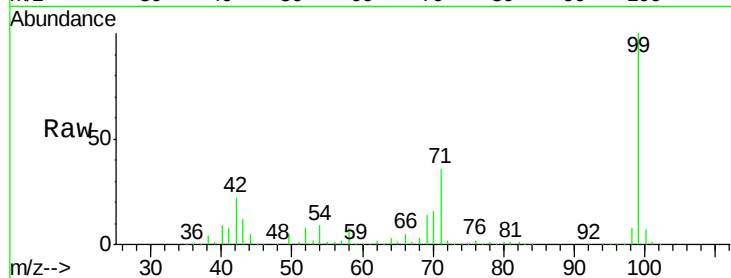
Tgt Ion: 99 Resp: 1672230

Ion Ratio Lower Upper

99 100

42 22.4 20.6 31.0

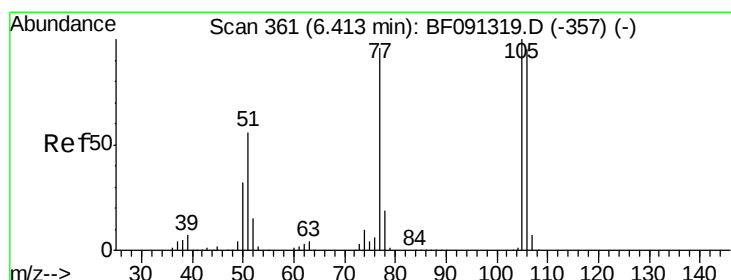
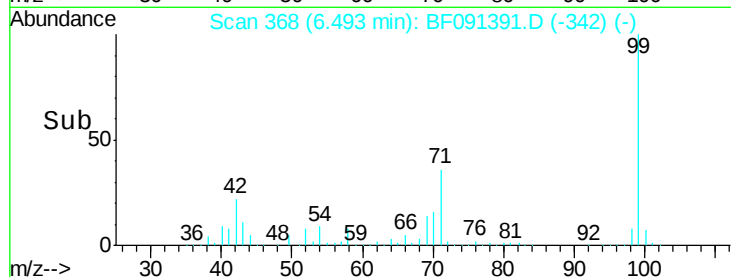
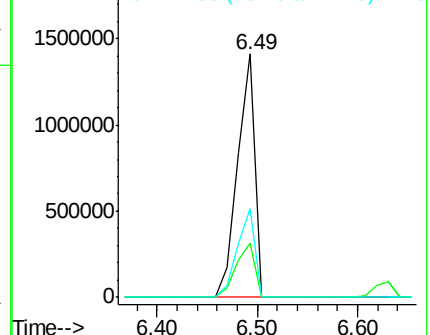
71 36.3 29.9 44.9



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: 3.21 ng

RT: 6.63 min Scan# 380

Delta R.T. 0.21 min

Lab File: BF091391.D

Acq: 2 Dec 2016 16:11

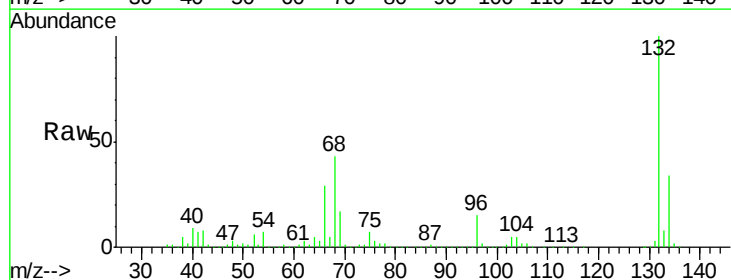
Tgt Ion: 77 Resp: 33083

Ion Ratio Lower Upper

77 100

105 76.4 66.4 106.4

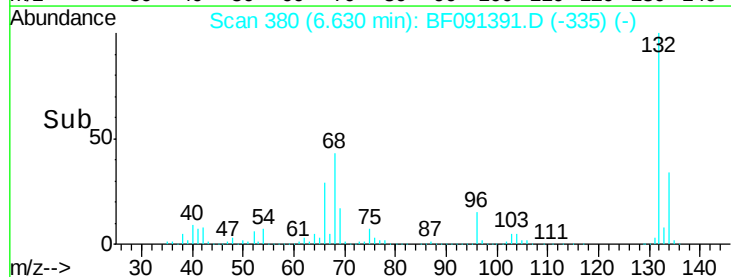
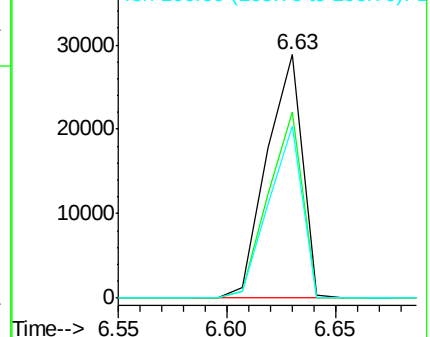
106 70.8 60.9 100.9

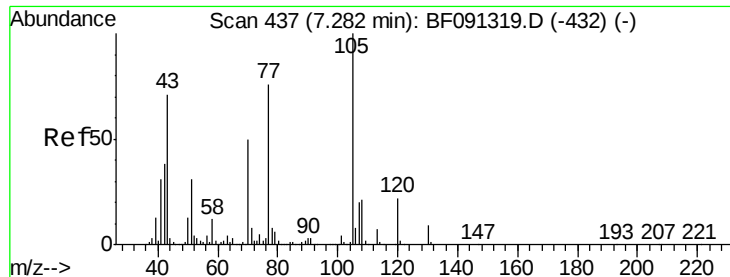


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

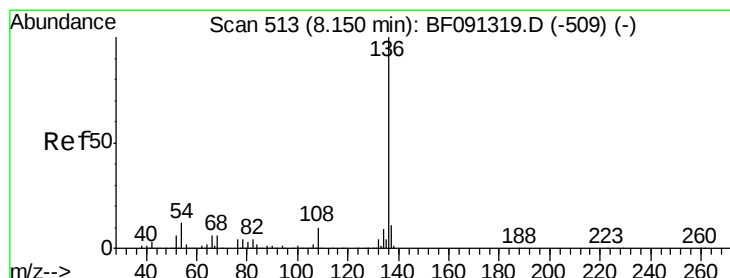
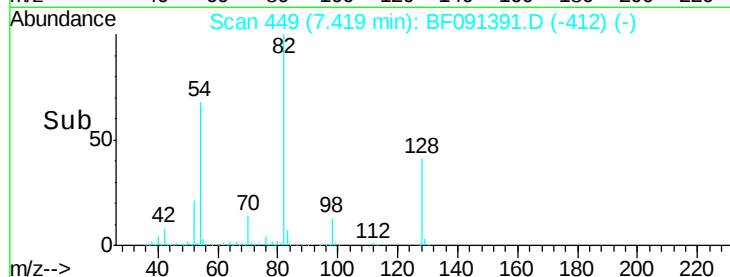
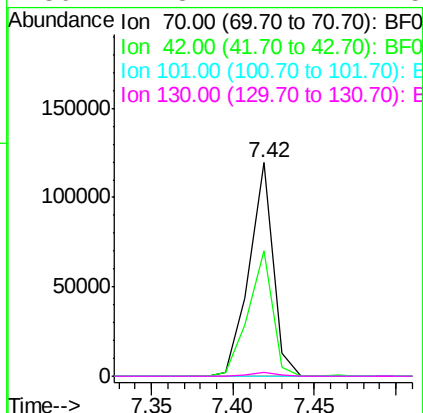
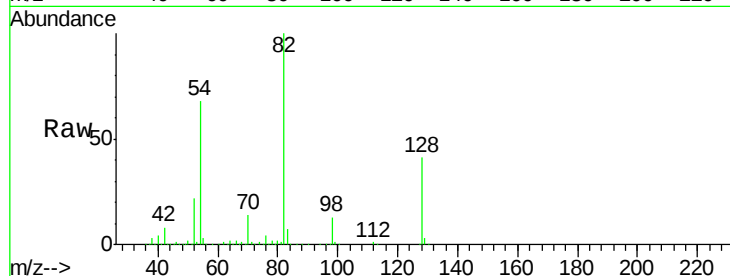




#19
n-Nitroso-di-n-propylamine
Concen: 12.12 ng
RT: 7.42 min Scan# 449
Delta R.T. 0.12 min
Lab File: BF091391.D
Acq: 2 Dec 2016 16:11

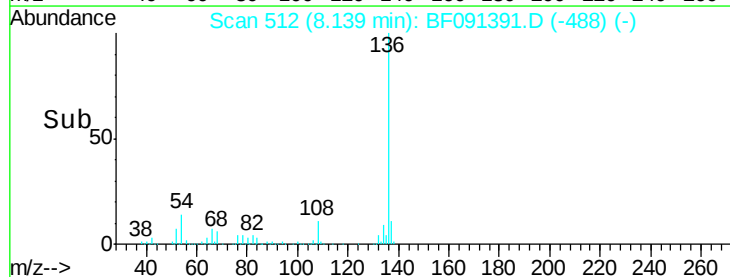
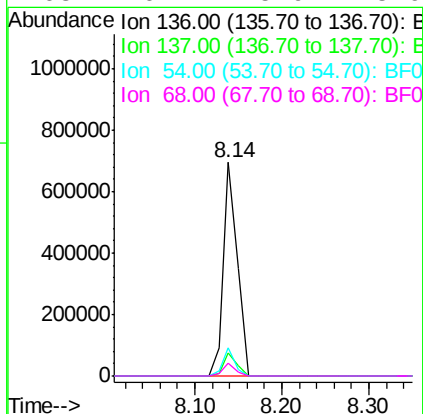
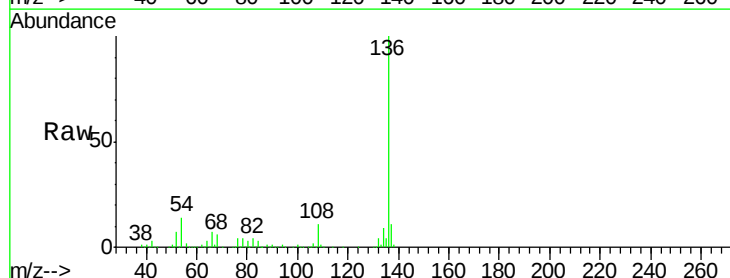
Instrument :
BNA_F
ClientSampleId :
PB95000BL

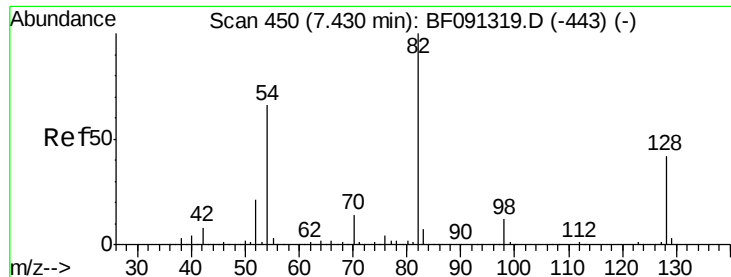
Tgt Ion: 70 Resp: 122389
Ion Ratio Lower Upper
70 100
42 58.6 64.8 97.2#
101 0.0 6.2 9.4#
130 1.8 11.7 17.5#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 512
Delta R.T. -0.03 min
Lab File: BF091391.D
Acq: 2 Dec 2016 16:11

Tgt Ion: 136 Resp: 781833
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 13.5 9.1 13.7
68 6.1 5.9 8.9

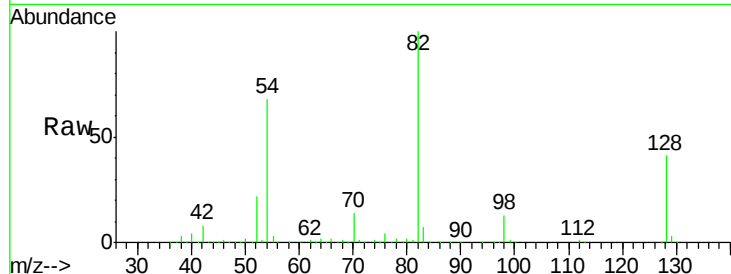




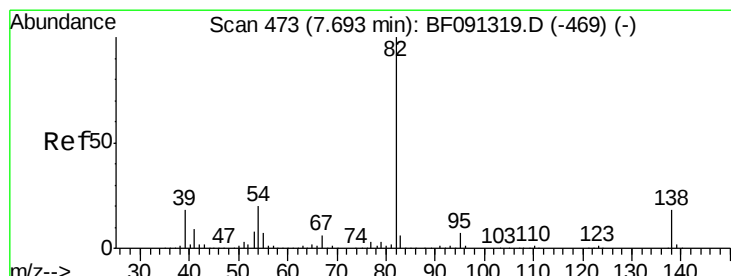
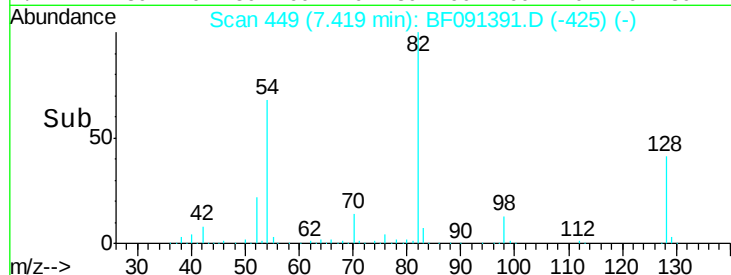
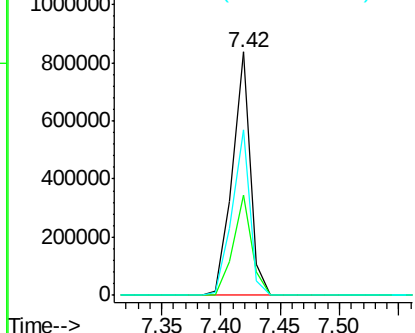
#23
 Nitrobenzene-d5
 Concen: 62.97 ng
 RT: 7.42 min Scan# 449
 Delta R.T. -0.03 min
 Lab File: BF091391.D
 Acq: 2 Dec 2016 16:11

Instrument :
 BNA_F
 ClientSampleId :
 PB95000BL

Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.9	31.8	47.6
54	68.2	49.1	73.7

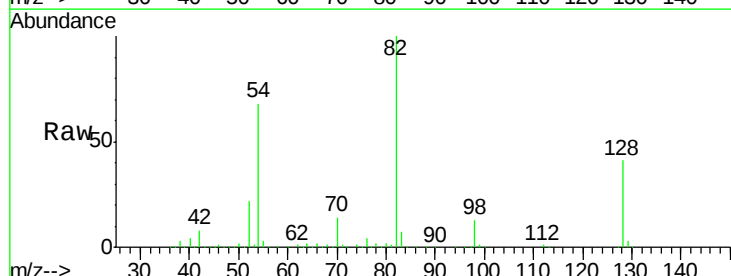


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

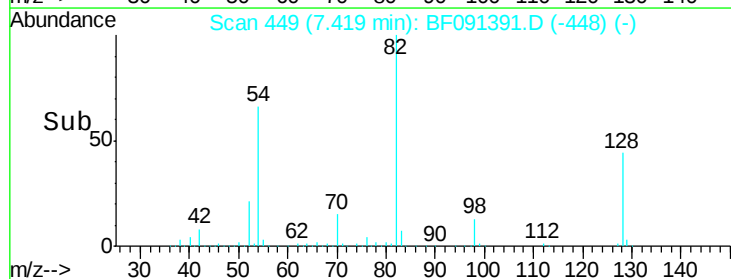
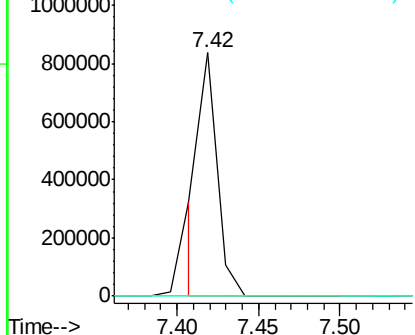


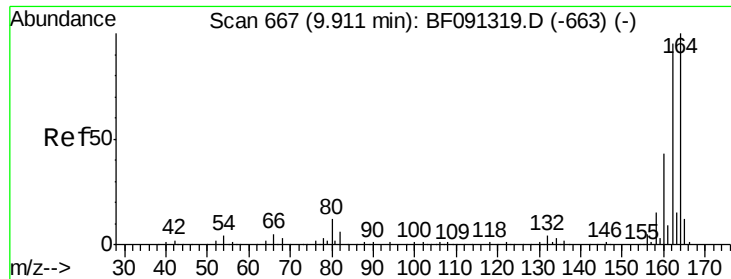
#25
 Isophorone
 Concen: 26.26 ng
 RT: 7.42 min Scan# 449
 Delta R.T. -0.29 min
 Lab File: BF091391.D
 Acq: 2 Dec 2016 16:11

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.7	8.5#
138	0.0	13.4	20.0#



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): BF0

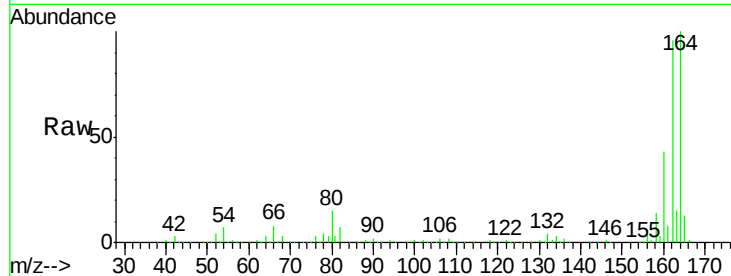




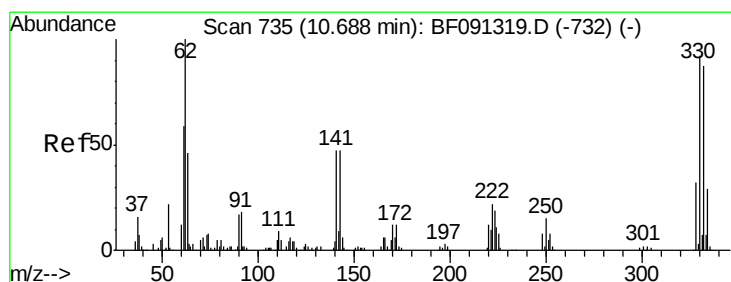
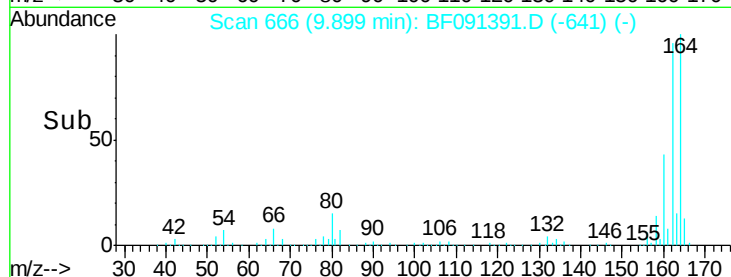
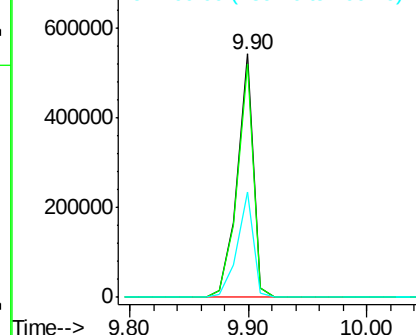
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 666
Delta R.T. -0.02 min
Lab File: BF091391.D
Acq: 2 Dec 2016 16:11

Instrument :
BNA_F
ClientSampleId :
PB95000BL

Tgt Ion:164 Resp: 509963
Ion Ratio Lower Upper
164 100
162 96.1 82.6 124.0
160 43.4 36.7 55.1

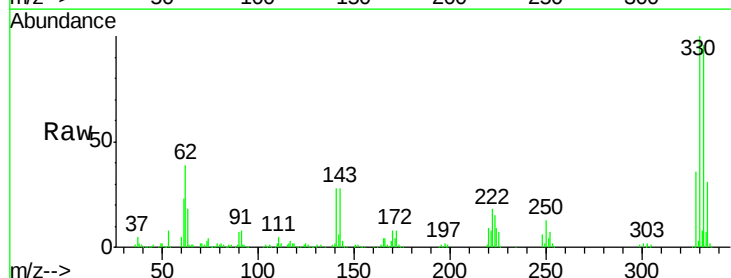


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

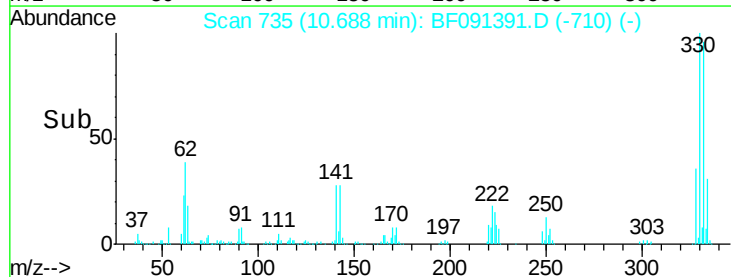
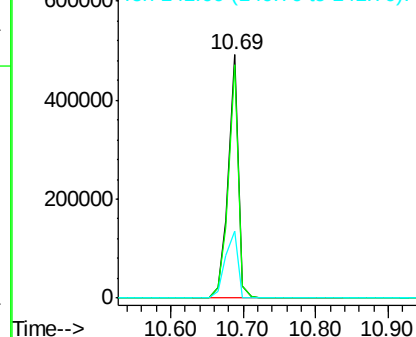


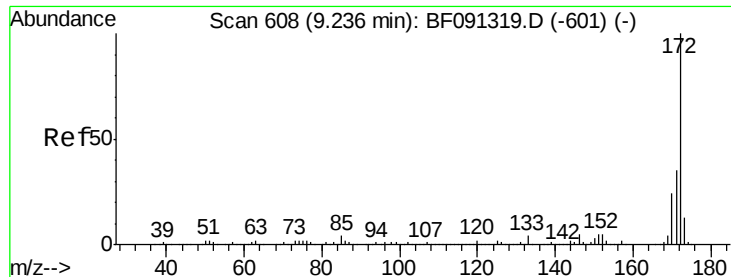
#41
2,4,6-Tribromophenol
Concen: 100.10 ng
RT: 10.69 min Scan# 735
Delta R.T. -0.02 min
Lab File: BF091391.D
Acq: 2 Dec 2016 16:11

Tgt Ion:330 Resp: 483263
Ion Ratio Lower Upper
330 100
332 95.5 76.2 114.4
141 34.2 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

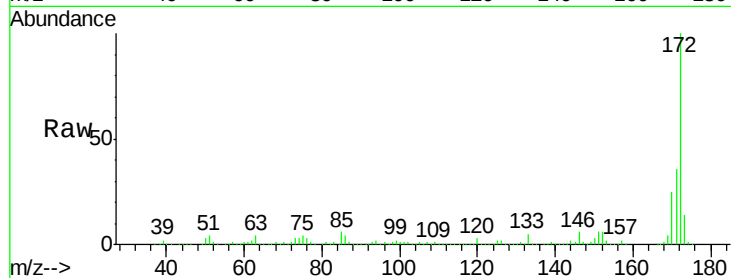




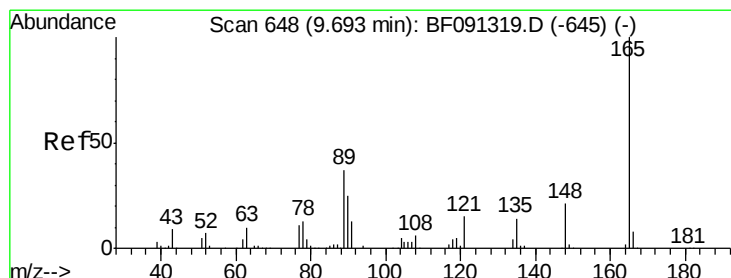
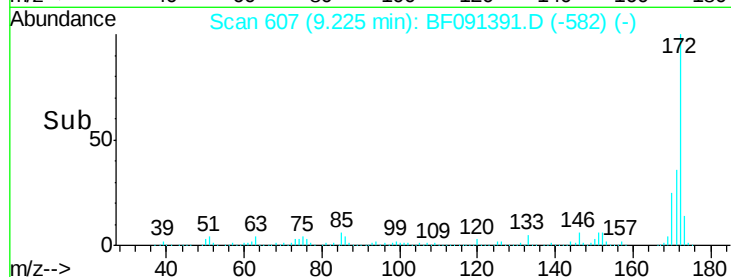
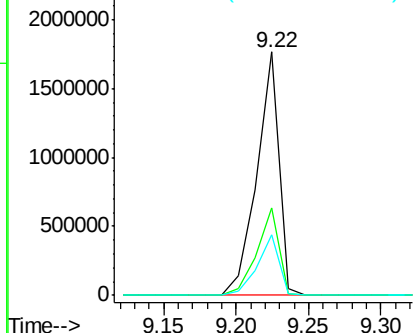
#44
 2-Fluorobiphenyl
 Concen: 66.50 ng
 RT: 9.22 min Scan# 607
 Delta R.T. -0.02 min
 Lab File: BF091391.D
 Acq: 2 Dec 2016 16:11

Instrument :
 BNA_F
 ClientSampleId :
 PB95000BL

Tgt Ion:172 Resp: 1873022
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.4 44.0
 170 24.7 19.7 29.5

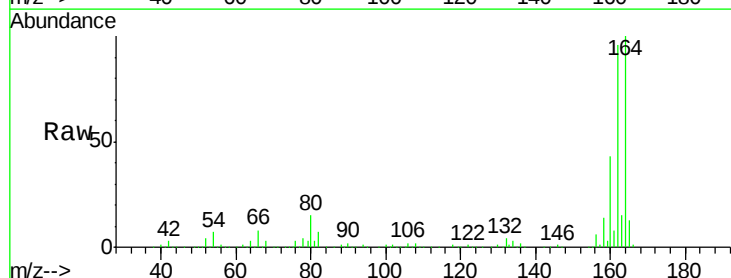


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

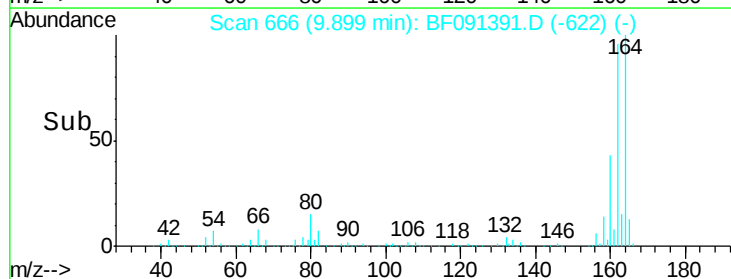
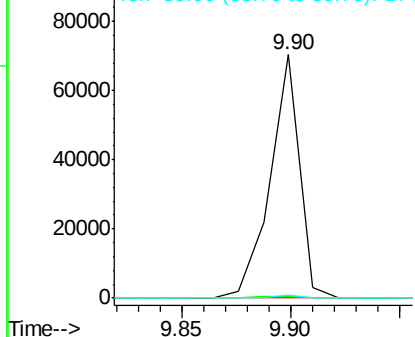


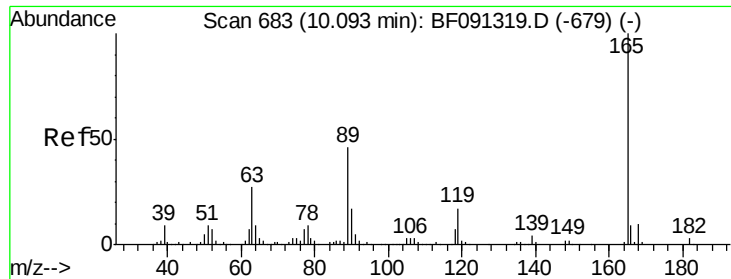
#50
 2,6-Dinitrotoluene
 Concen: 9.68 ng
 RT: 9.90 min Scan# 666
 Delta R.T. 0.20 min
 Lab File: BF091391.D
 Acq: 2 Dec 2016 16:11

Tgt Ion:165 Resp: 66813
 Ion Ratio Lower Upper
 165 100
 63 0.9 59.4 89.0#
 89 1.1 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

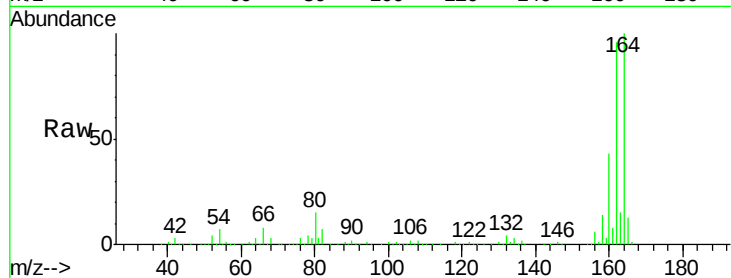




#56
 2,4-Dinitrotoluene
 Concen: 7.46 ng
 RT: 9.90 min Scan# 666
 Delta R.T. -0.20 min
 Lab File: BF091391.D
 Acq: 2 Dec 2016 16:11

Instrument :
 BNA_F
 ClientSampleId :
 PB95000BL

Tgt Ion:	165	Resp:	66817
Ion Ratio	Lower	Upper	
165	100		
63	0.9	29.0	43.4#
89	1.1	43.1	64.7#
182	0.0	1.9	2.9#

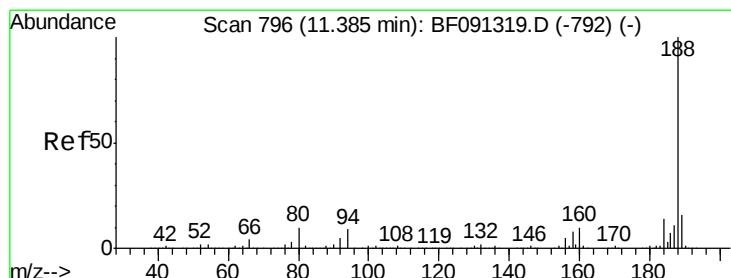
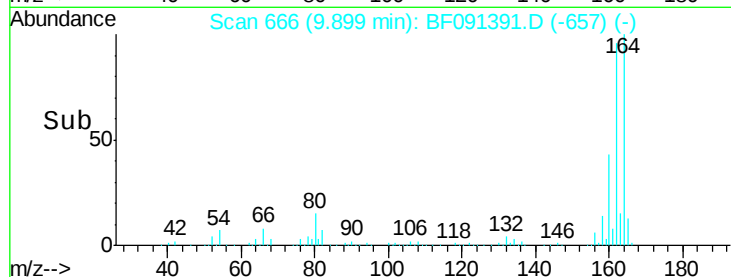
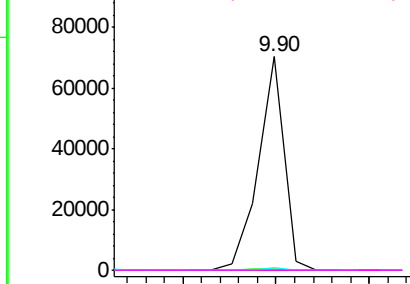


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

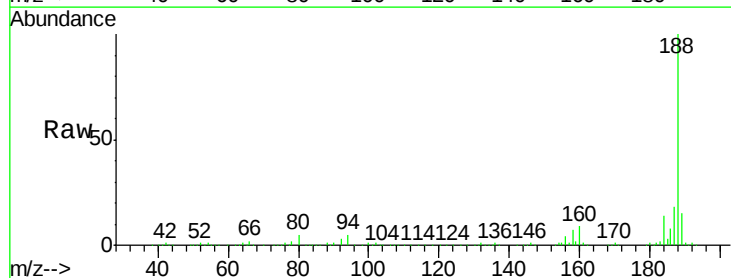
Ion 89.00 (88.70 to 89.70): BF0

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: BF091391.D
 Acq: 2 Dec 2016 16:11

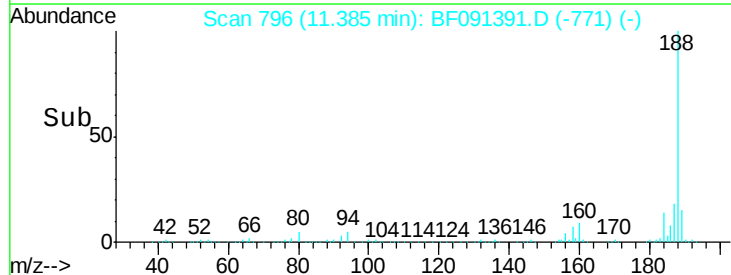
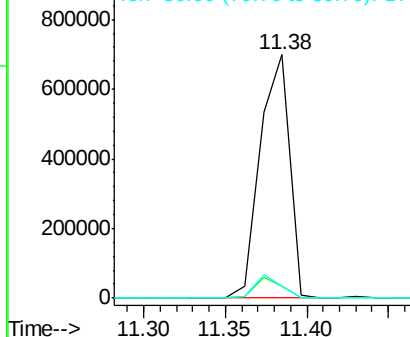
Tgt Ion:	188	Resp:	875644
Ion Ratio	Lower	Upper	
188	100		
94	5.0	9.2	13.8#
80	5.0	10.5	15.7#

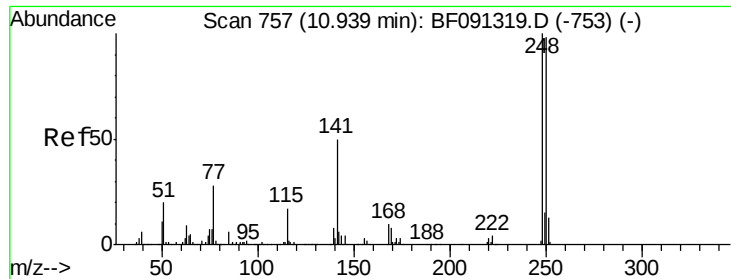


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

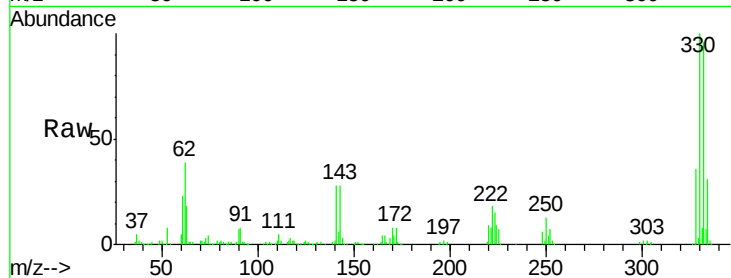




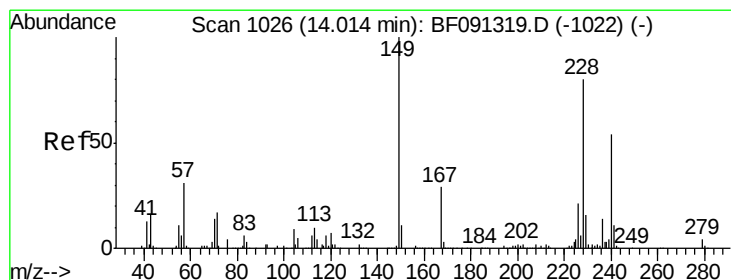
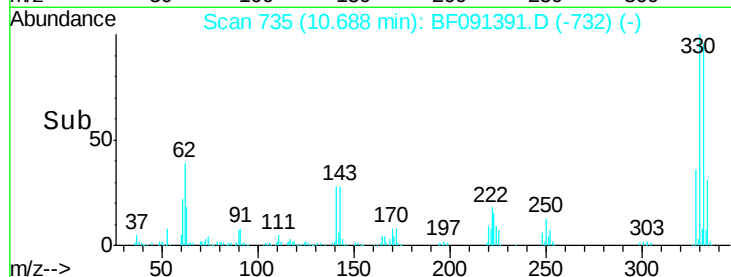
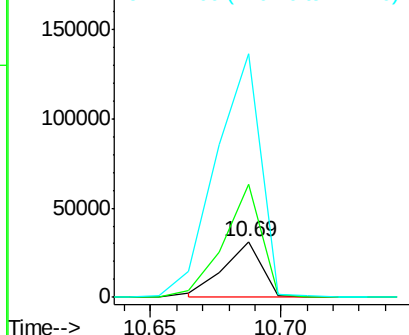
#66
 4-Bromophenyl-phenylether
 Concen: 3.36 ng
 RT: 10.69 min Scan# 735
 Delta R.T. -0.27 min
 Lab File: BF091391.D
 Acq: 2 Dec 2016 16:11

Instrument :
 BNA_F
 ClientSampleId :
 PB95000BL

Tgt Ion:248 Resp: 31581
 Ion Ratio Lower Upper
 248 100
 250 201.8 78.2 117.4#
 141 435.7 71.9 107.9#

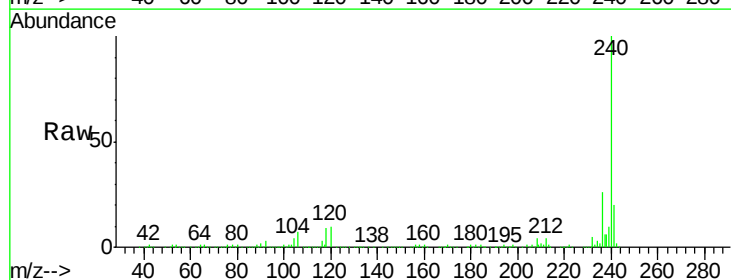


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

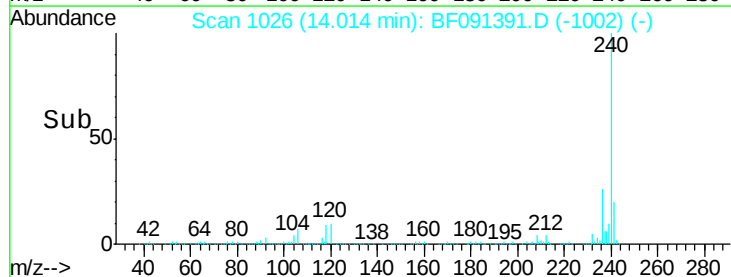
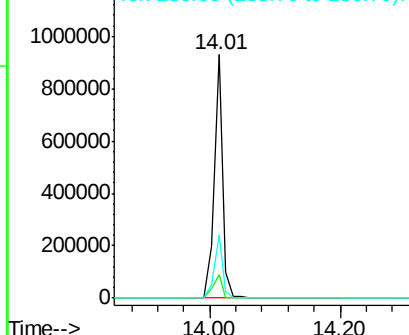


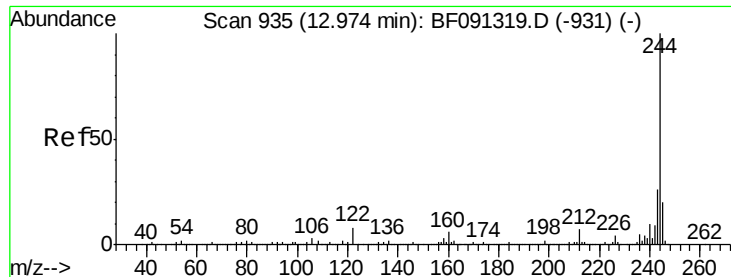
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.01 min Scan# 1026
 Delta R.T. -0.03 min
 Lab File: BF091391.D
 Acq: 2 Dec 2016 16:11

Tgt Ion:240 Resp: 858314
 Ion Ratio Lower Upper
 240 100
 120 9.6 12.1 18.1#
 236 26.1 21.0 31.6



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

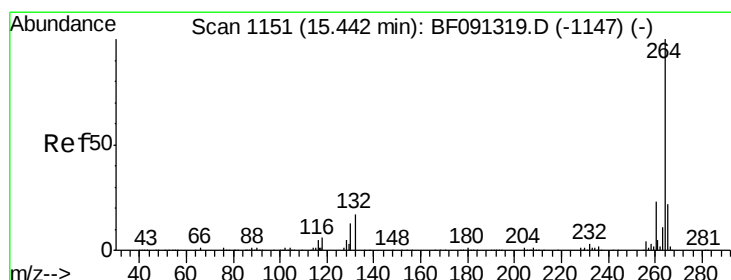
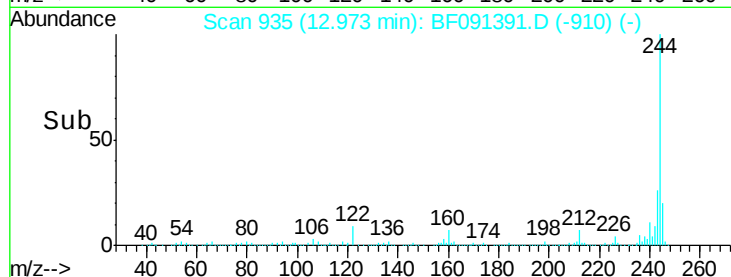
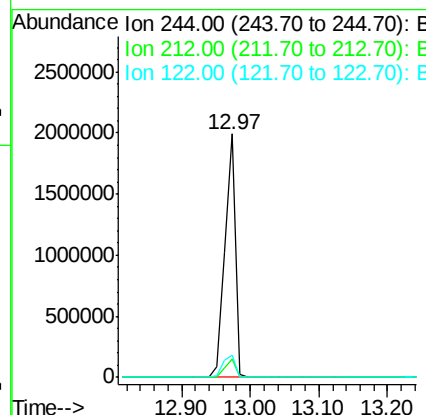
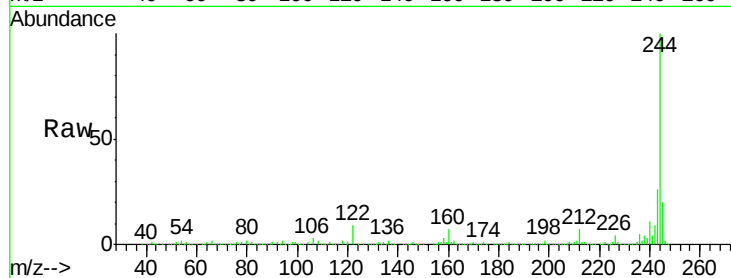




#78
 Terphenyl-d14
 Concen: 54.64 ng
 RT: 12.97 min Scan# 935
 Delta R.T. -0.02 min
 Lab File: BF091391.D
 Acq: 2 Dec 2016 16:11

Instrument :
 BNA_F
 ClientSampleId :
 PB95000BL

Tgt Ion:244 Resp: 2157659
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.5 9.7
 122 8.9 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: BF091391.D
 Acq: 2 Dec 2016 16:11

Tgt Ion:264 Resp: 745198
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.8 28.2
 265 21.7 17.0 25.6

