

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111616\
 Data File : BF091209.D
 Acq On : 17 Nov 2016 00:56
 Operator : UM/SJ
 Sample : H5659-01 4X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 17 01:18:19 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

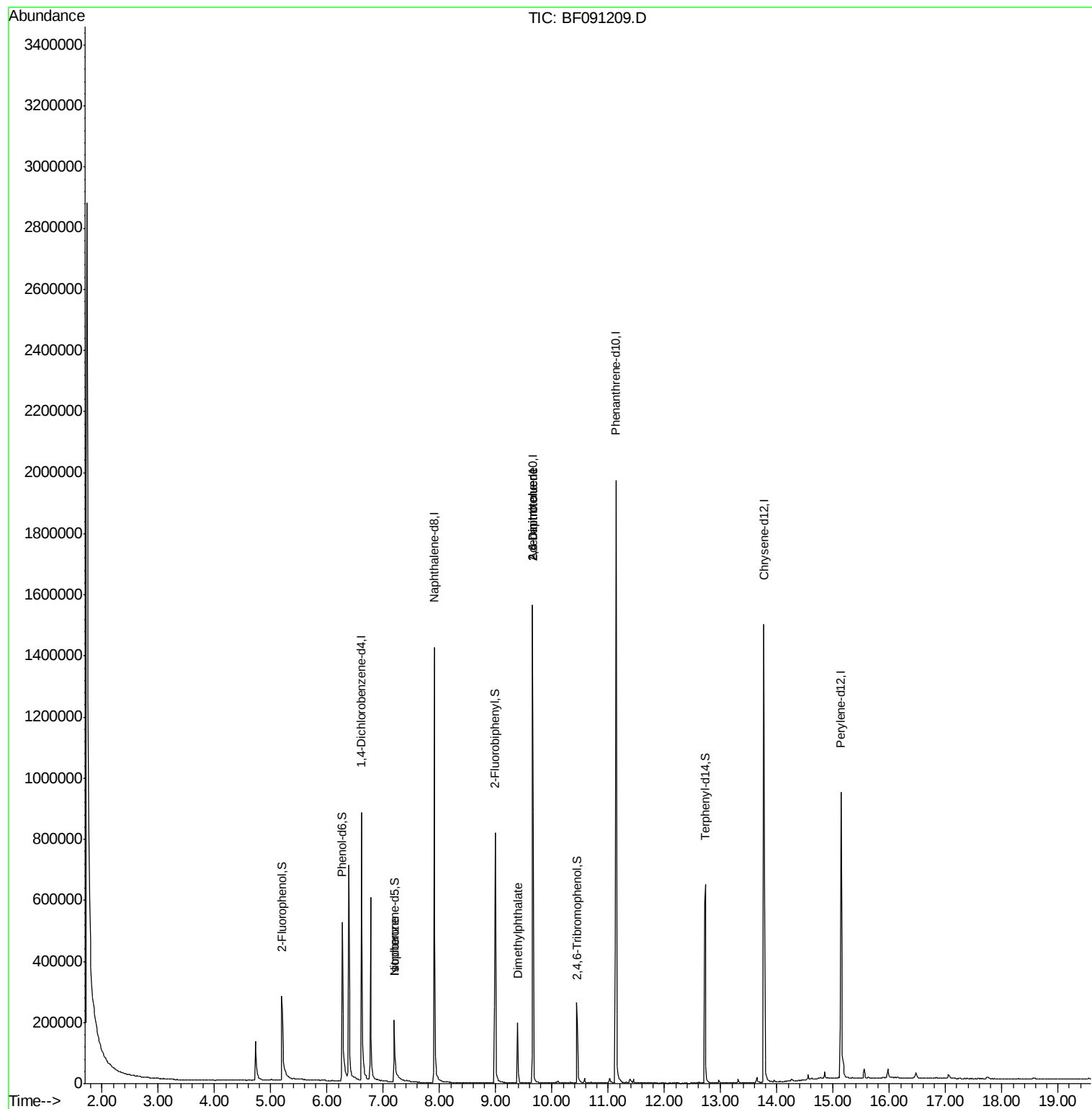
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	189580	20.00	ng	-0.01
21) Naphthalene-d8	7.90	136	782374	20.00	ng	-0.01
38) Acenaphthene-d10	9.65	164	430592	20.00	ng	-0.01
63) Phenanthrene-d10	11.14	188	777634	20.00	ng	0.00
75) Chrysene-d12	13.77	240	578509	20.00	ng	-0.01
86) Perylene-d12	15.14	264	414012	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	176913	15.41	ng	0.00
7) Phenol-d6	6.27	99	283386	18.19	ng	-0.01
23) Nitrobenzene-d5	7.20	82	153778	10.72	ng	0.00
41) 2,4,6-Tribromophenol	10.45	330	46296	11.89	ng	0.00
44) 2-Fluorobiphenyl	8.99	172	318211	12.72	ng	0.00
78) Terphenyl-d14	12.73	244	320677	13.83	ng	0.00
Target Compounds						
25) Isophorone	7.20	82	159637	5.78	ng	# 67
49) Dimethylphthalate	9.39	163	87073	3.08	ng	# 98
50) 2,6-Dinitrotoluene	9.65	165	54919	9.08	ng	# 11
56) 2,4-Dinitrotoluene	9.65	165	54923	7.13	ng	# 26

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

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111616\
Data File : BF091209.D
Acq On : 17 Nov 2016 00:56
Operator : UM/SJ
Sample : H5659-01 4X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 17 01:18:19 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



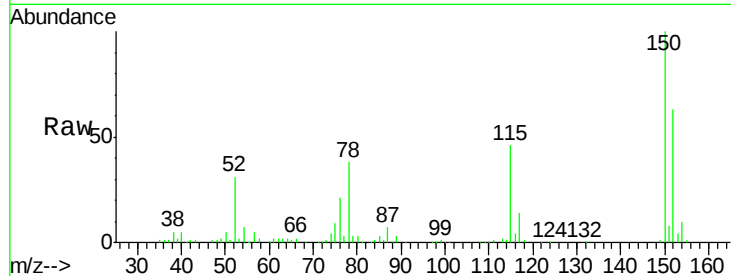


#1

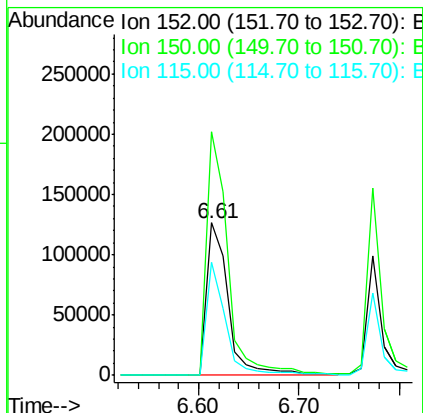
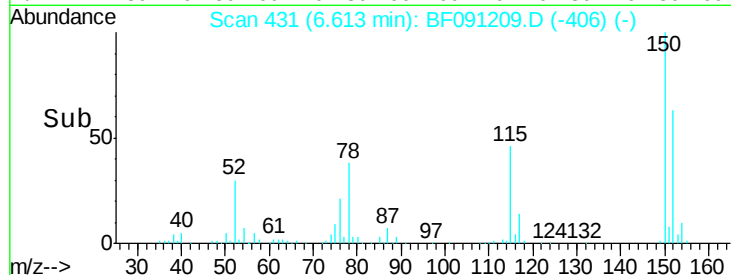
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.61 min Scan# 431
Delta R.T. -0.01 min
Lab File: BF091209.D
Acq: 17 Nov 2016 00:56

Instrument :
BNA_F
ClientSampled :

Tgt Ion:152 Resp: 189580
Ion Ratio Lower Upper
152 100
150 159.6 126.8 190.2
115 73.9 53.3 79.9



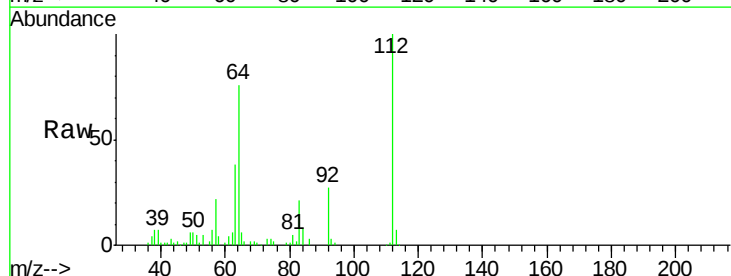
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



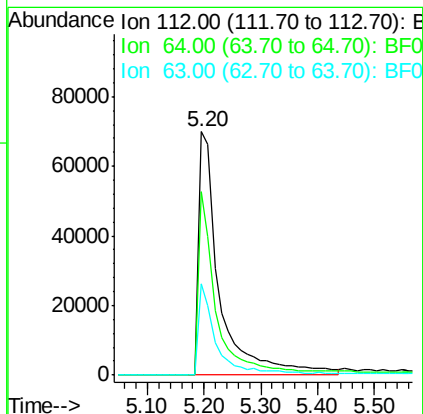
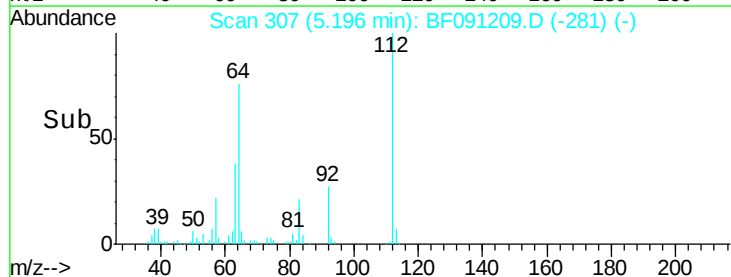
#5

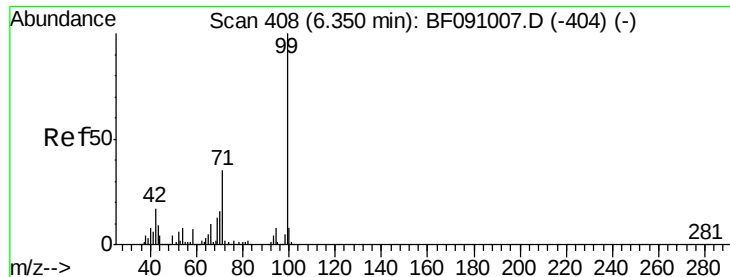
2-Fluorophenol
Concen: 15.41 ng
RT: 5.20 min Scan# 307
Delta R.T. -0.00 min
Lab File: BF091209.D
Acq: 17 Nov 2016 00:56

Tgt Ion:112 Resp: 176913
Ion Ratio Lower Upper
112 100
64 75.5 55.8 83.6
63 37.7 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: 18.19 ng

RT: 6.27 min Scan# 401

Delta R.T. -0.01 min

Lab File: BF091209.D

Acq: 17 Nov 2016 00:56

Instrument :

BNA_F

ClientSampled :

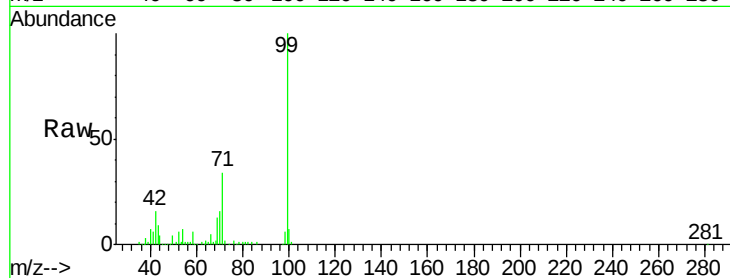
Tgt Ion: 99 Resp: 283386

Ion Ratio Lower Upper

99 100

42 16.2 13.9 20.9

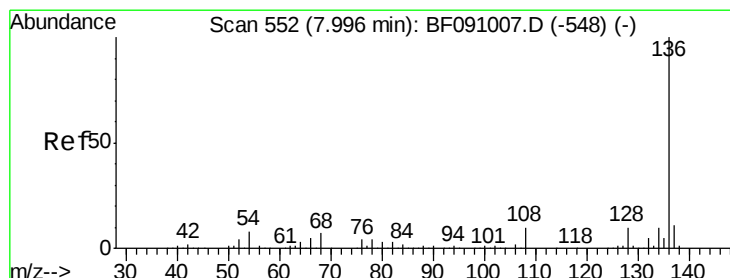
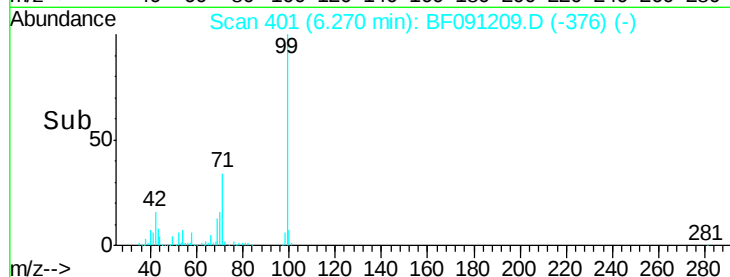
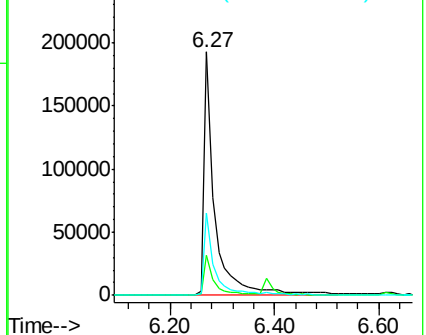
71 33.7 27.8 41.8



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.90 min Scan# 544

Delta R.T. -0.01 min

Lab File: BF091209.D

Acq: 17 Nov 2016 00:56

Tgt Ion: 136 Resp: 782374

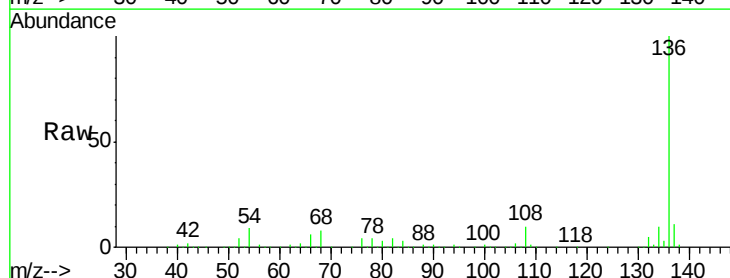
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 8.8 6.2 9.2

68 7.7 5.5 8.3

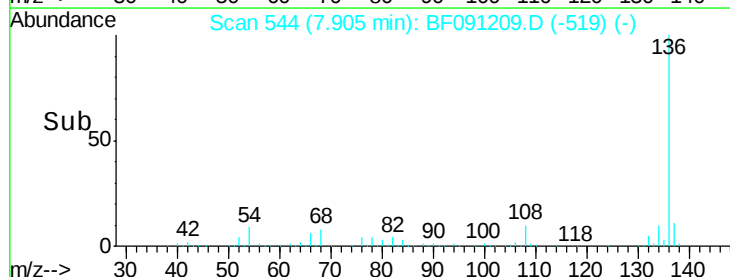
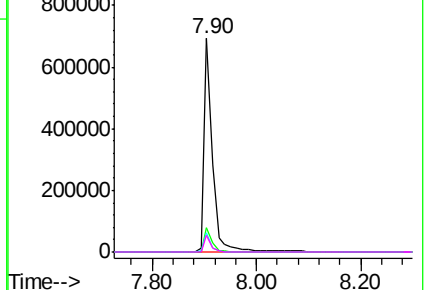


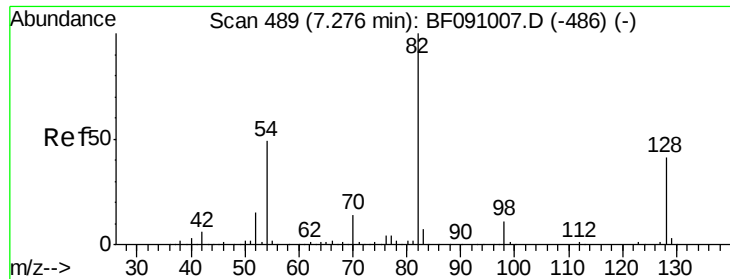
Abundance Ion 136.00 (135.70 to 136.70): E

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

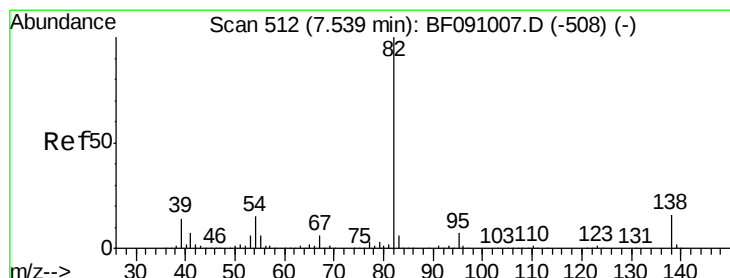
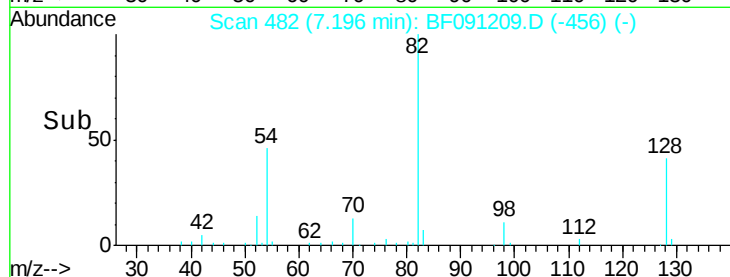
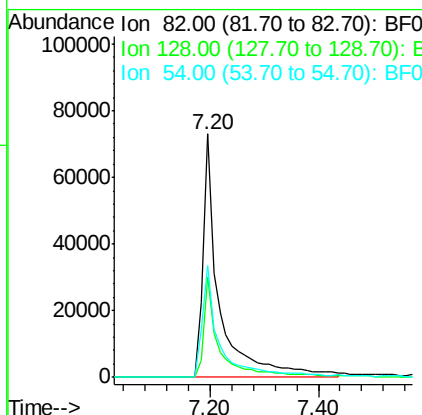
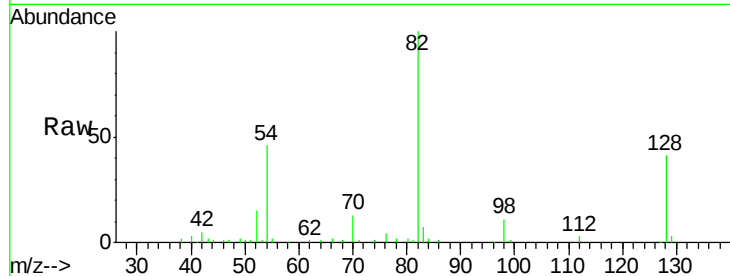




#23
Nitrobenzene-d5
Concen: 10.72 ng
RT: 7.20 min Scan# 482
Delta R.T. -0.00 min
Lab File: BF091209.D
Acq: 17 Nov 2016 00:56

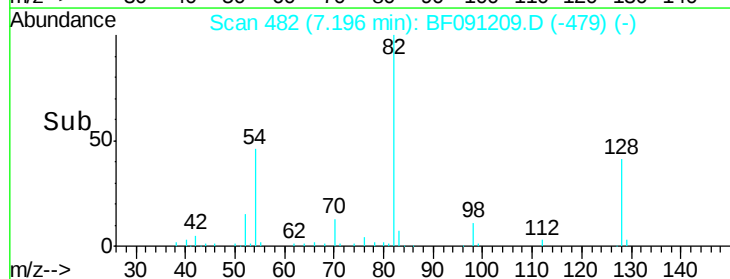
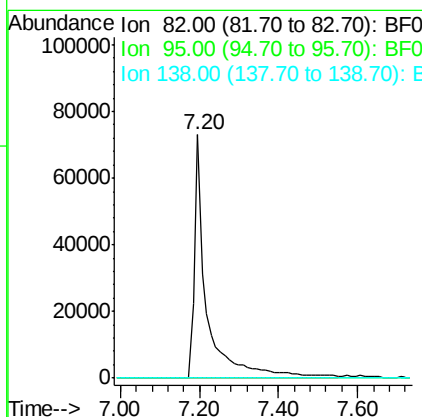
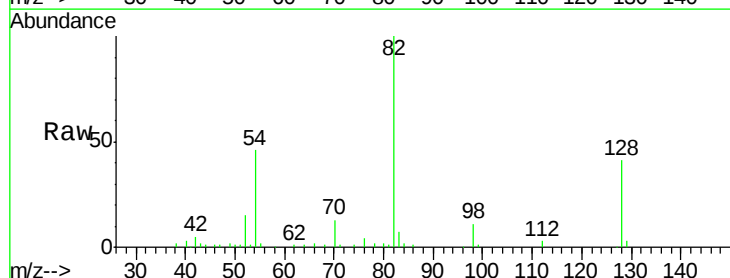
Instrument :
BNA_F
ClientSampled :

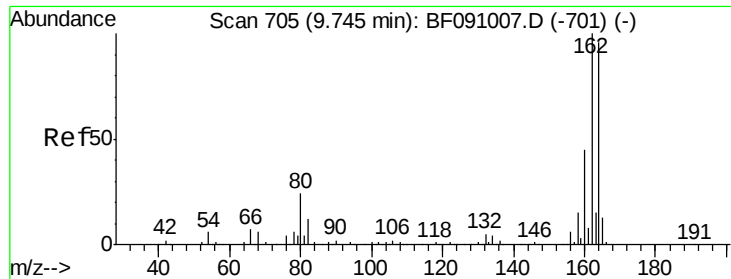
Tgt Ion: 82 Resp: 153778
Ion Ratio Lower Upper
82 100
128 41.4 32.4 48.6
54 46.0 39.2 58.8



#25
Isophorone
Concen: 5.78 ng
RT: 7.20 min Scan# 482
Delta R.T. -0.26 min
Lab File: BF091209.D
Acq: 17 Nov 2016 00:56

Tgt Ion: 82 Resp: 159637
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.0 19.4#

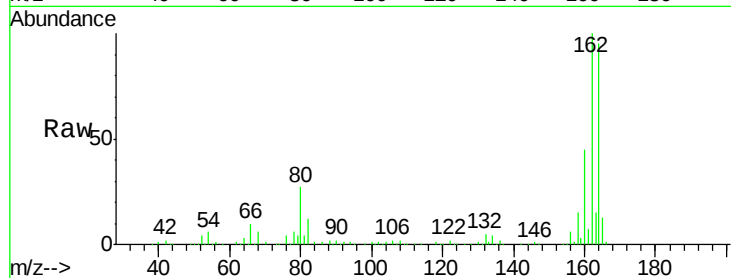




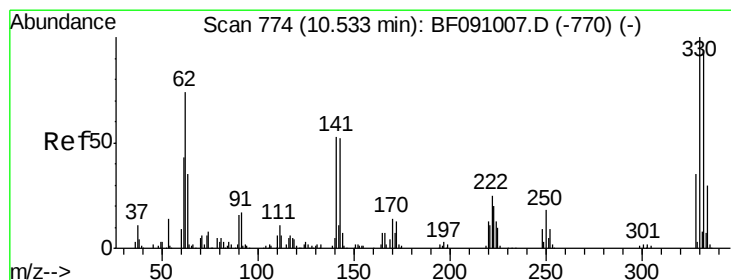
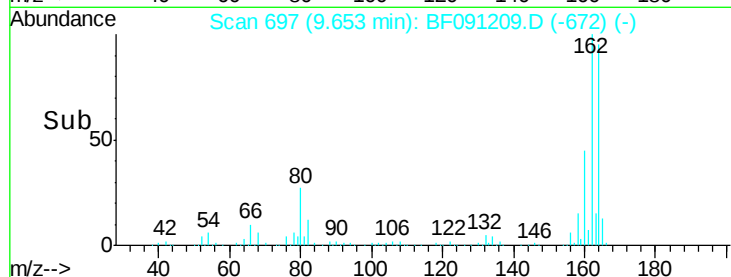
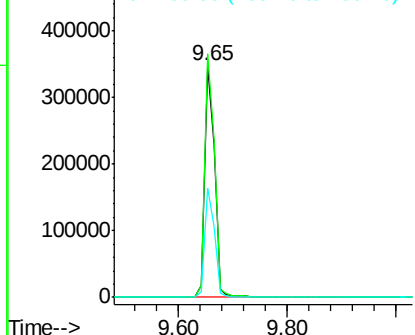
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.65 min Scan# 697
Delta R.T. -0.01 min
Lab File: BF091209.D
Acq: 17 Nov 2016 00:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 430592
Ion Ratio Lower Upper
164 100
162 105.3 83.6 125.4
160 47.0 37.9 56.9

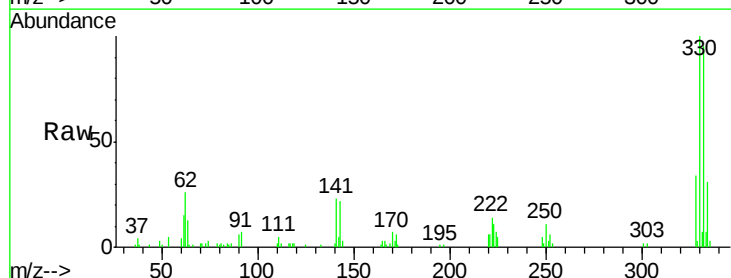


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

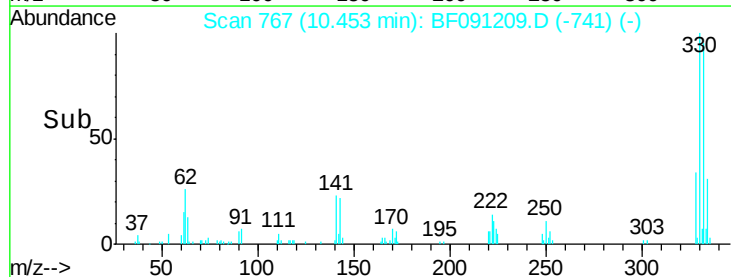
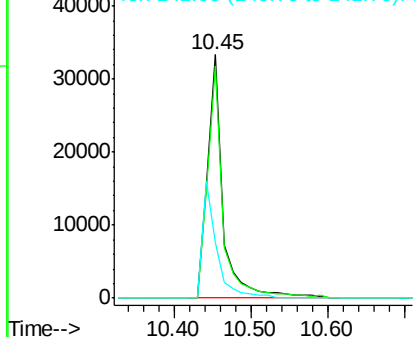


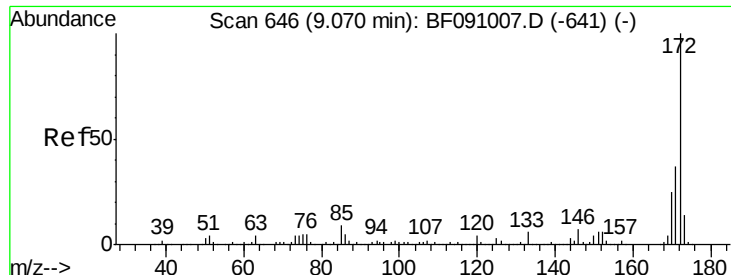
#41
2,4,6-Tribromophenol
Concen: 11.89 ng
RT: 10.45 min Scan# 767
Delta R.T. -0.00 min
Lab File: BF091209.D
Acq: 17 Nov 2016 00:56

Tgt Ion:330 Resp: 46296
Ion Ratio Lower Upper
330 100
332 95.3 75.9 113.9
141 42.9 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

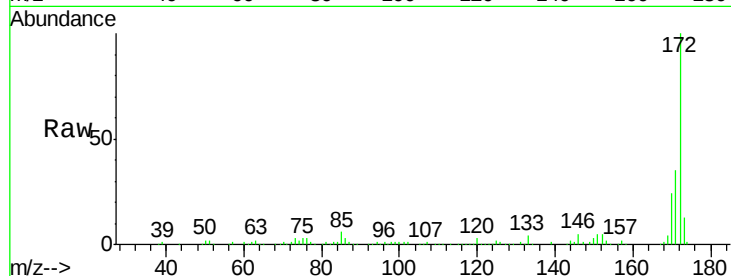




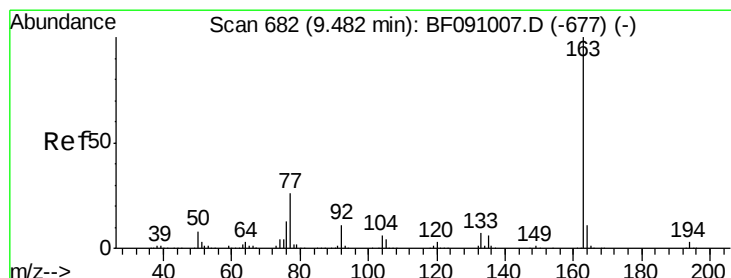
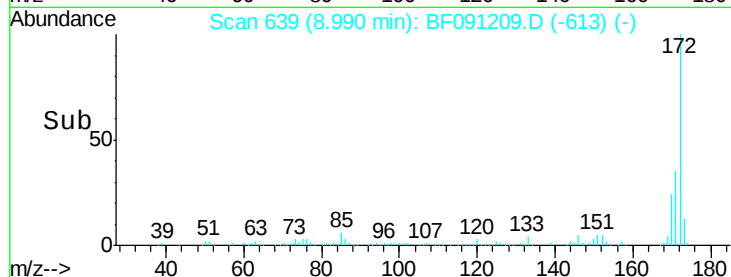
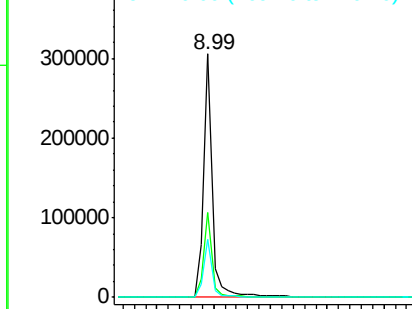
#44
 2-Fluorobiphenyl
 Concen: 12.72 ng
 RT: 8.99 min Scan# 639
 Delta R.T. -0.00 min
 Lab File: BF091209.D
 Acq: 17 Nov 2016 00:56

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:172 Resp: 318211
 Ion Ratio Lower Upper
 172 100
 171 34.7 29.8 44.6
 170 24.1 20.3 30.5

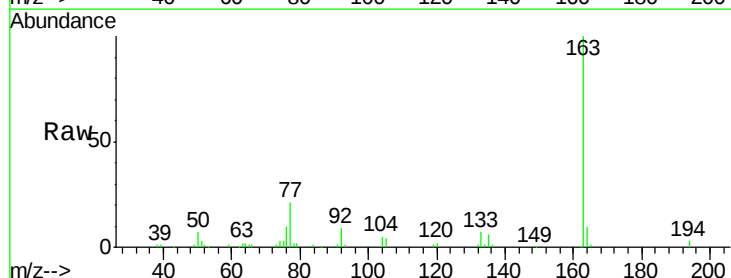


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

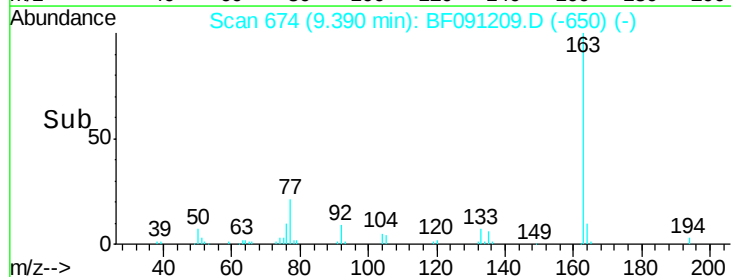
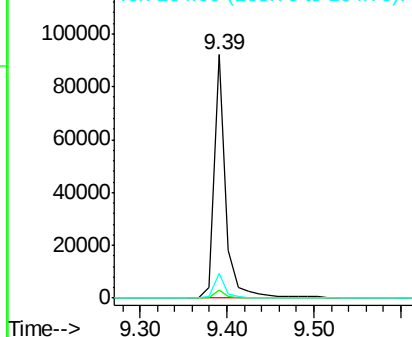


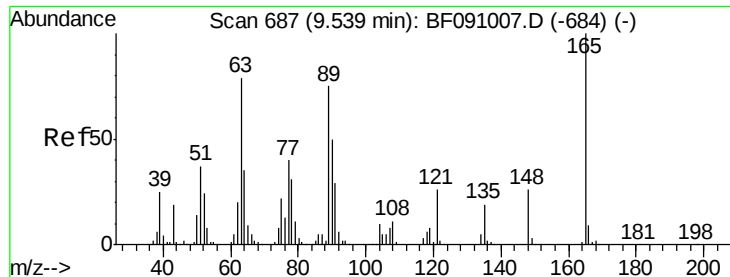
#49
 Dimethylphthalate
 Concen: 3.08 ng
 RT: 9.39 min Scan# 674
 Delta R.T. -0.02 min
 Lab File: BF091209.D
 Acq: 17 Nov 2016 00:56

Tgt Ion:163 Resp: 87073
 Ion Ratio Lower Upper
 163 100
 194 3.2 2.6 4.0
 164 10.0 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

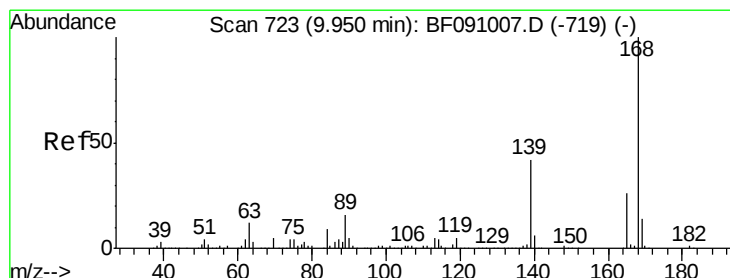
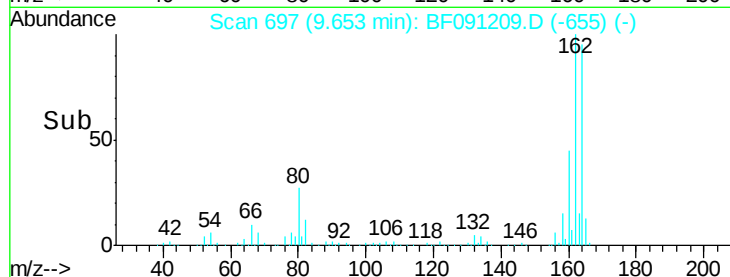
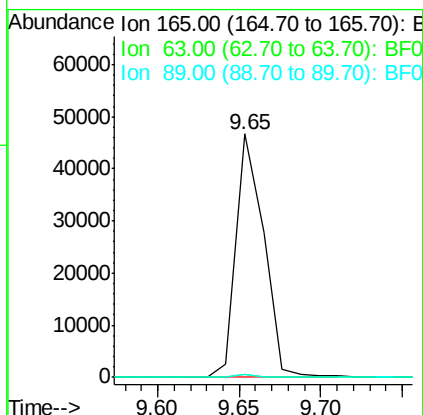
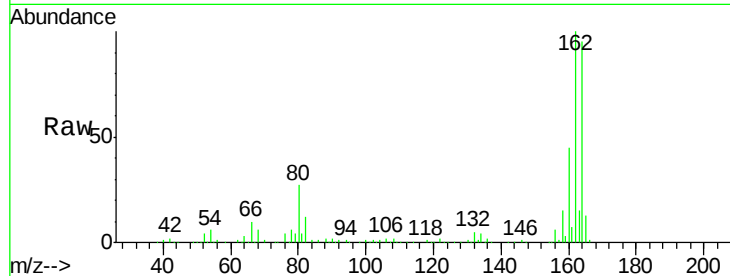




#50
 2,6-Dinitrotoluene
 Concen: 9.08 ng
 RT: 9.65 min Scan# 697
 Delta R.T. 0.18 min
 Lab File: BF091209.D
 Acq: 17 Nov 2016 00:56

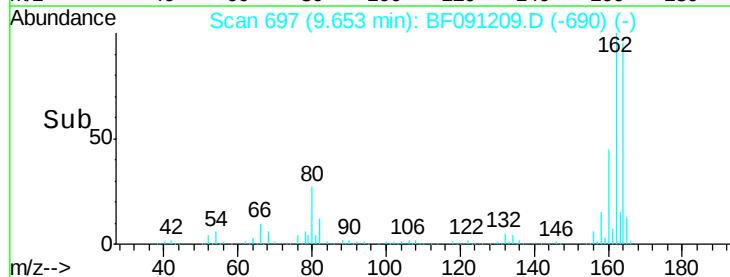
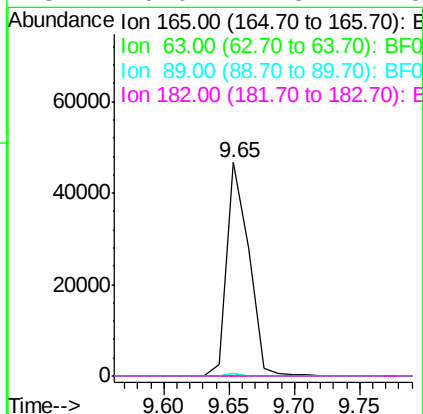
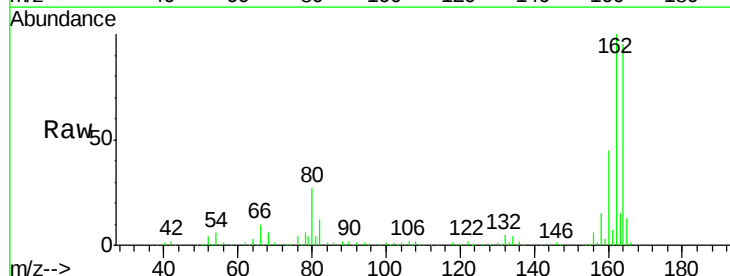
Instrument :
 BNA_F
 ClientSampleId :

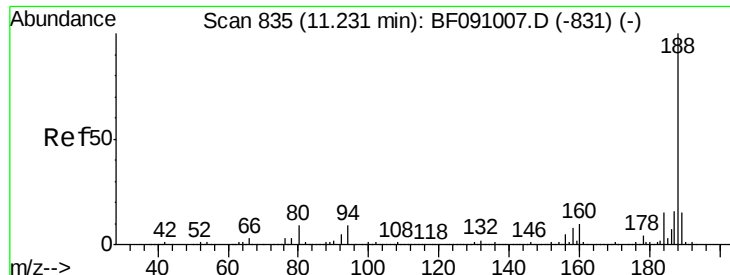
Tgt Ion:165 Resp: 54919
 Ion Ratio Lower Upper
 165 100
 63 1.0 65.6 98.4#
 89 1.0 59.8 89.6#



#56
 2,4-Dinitrotoluene
 Concen: 7.13 ng
 RT: 9.65 min Scan# 697
 Delta R.T. -0.22 min
 Lab File: BF091209.D
 Acq: 17 Nov 2016 00:56

Tgt Ion:165 Resp: 54923
 Ion Ratio Lower Upper
 165 100
 63 1.0 38.7 58.1#
 89 1.0 50.6 76.0#
 182 0.0 1.8 2.8#

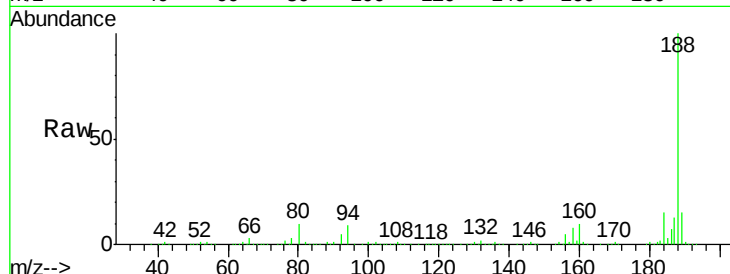




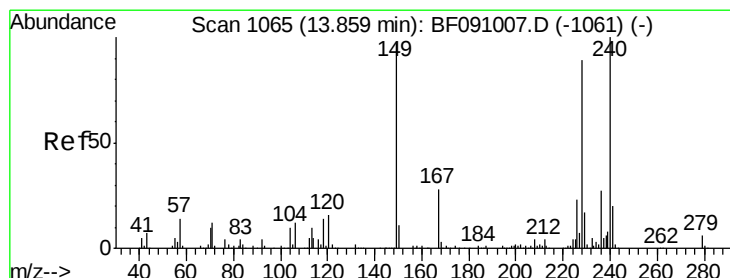
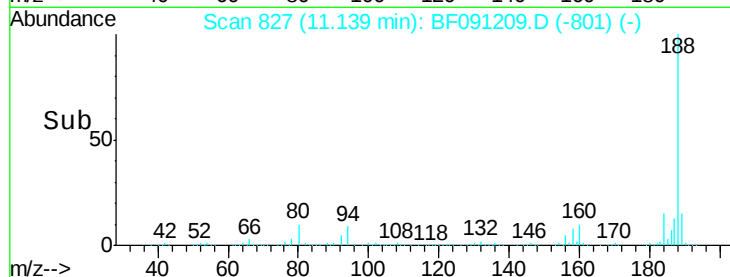
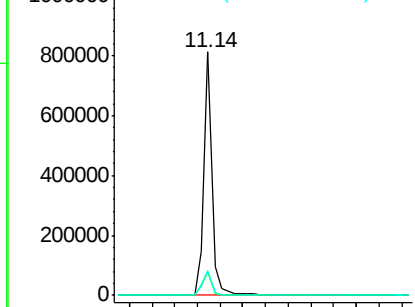
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.14 min Scan# 827
Delta R.T. -0.00 min
Lab File: BF091209.D
Acq: 17 Nov 2016 00:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 777634
Ion Ratio Lower Upper
188 100
94 9.4 7.0 10.4
80 10.0 7.5 11.3

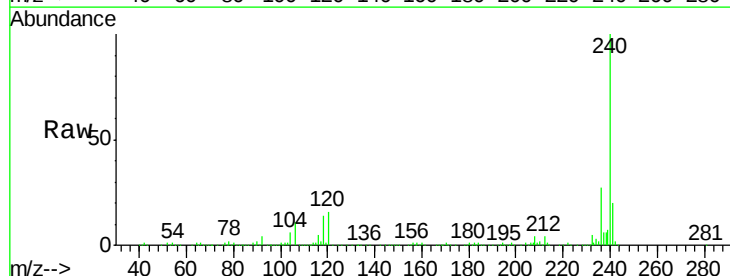


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

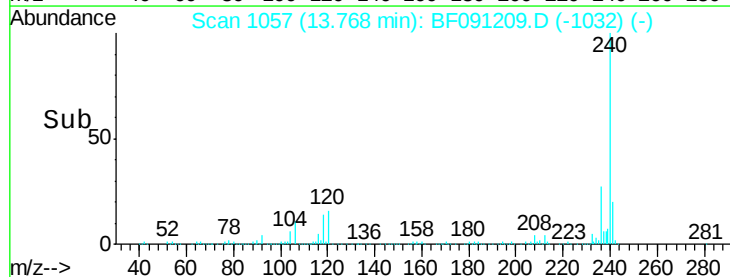
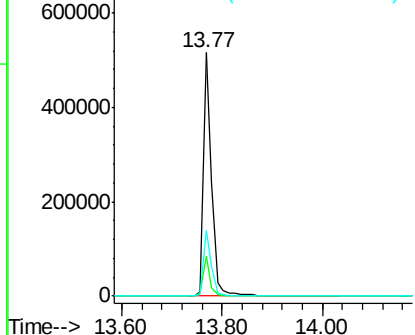


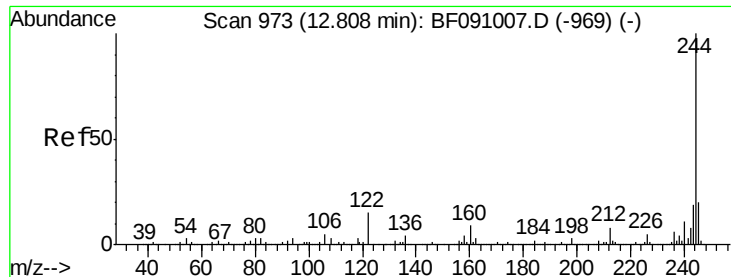
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.77 min Scan# 1057
Delta R.T. -0.01 min
Lab File: BF091209.D
Acq: 17 Nov 2016 00:56

Tgt Ion:240 Resp: 578509
Ion Ratio Lower Upper
240 100
120 16.4 12.9 19.3
236 27.2 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

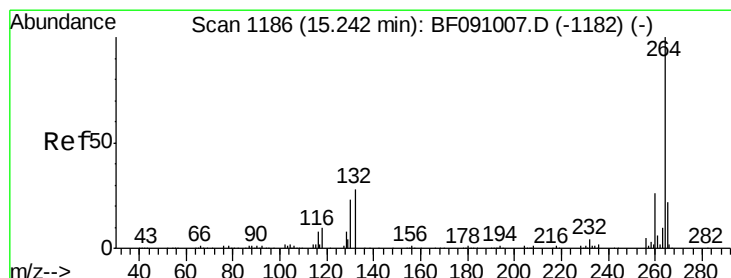
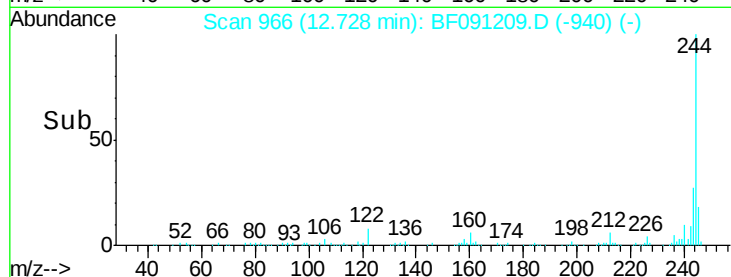
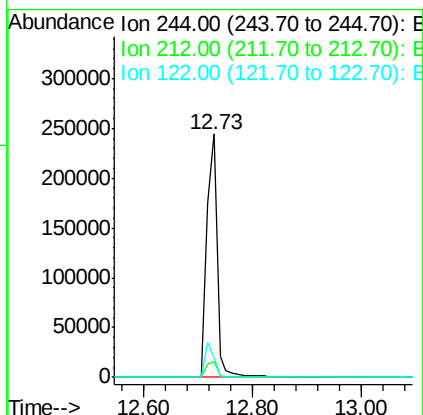
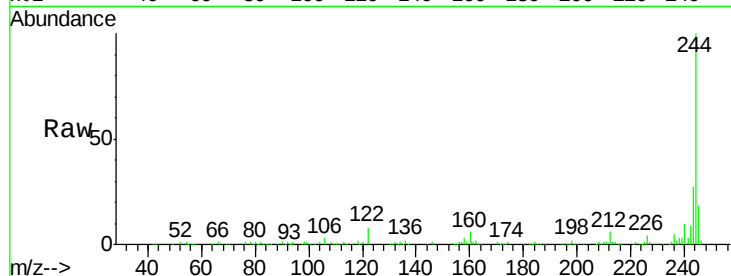




#78
 Terphenyl-d14
 Concen: 13.83 ng
 RT: 12.73 min Scan# 966
 Delta R.T. -0.00 min
 Lab File: BF091209.D
 Acq: 17 Nov 2016 00:56

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:244 Resp: 320677
 Ion Ratio Lower Upper
 244 100
 212 6.2 6.4 9.6#
 122 8.2 12.3 18.5#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.14 min Scan# 1177
 Delta R.T. -0.01 min
 Lab File: BF091209.D
 Acq: 17 Nov 2016 00:56

Tgt Ion:264 Resp: 414012
 Ion Ratio Lower Upper
 264 100
 260 25.1 20.6 30.8
 265 22.2 17.8 26.8

