

Data Path : Z:\HPCHEM1\BNA F\DATA\BF123016\
 Data File : BF092053.D
 Acq On : 30 Dec 2016 18:50
 Operator : UM/SJ
 Sample : H6318-08
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-21

Quant Time: Dec 30 22:17:17 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 28 17:32:10 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	193920	20.00	ng	-0.02
21) Naphthalene-d8	7.96	136	745115	20.00	ng	-0.03
38) Acenaphthene-d10	9.72	164	389890	20.00	ng	-0.03
63) Phenanthrene-d10	11.20	188	633365	20.00	ng	-0.03
75) Chrysene-d12	13.83	240	410844	20.00	ng	-0.05
86) Perylene-d12	15.21	264	385573	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	921369	79.33	ng	-0.03
7) Phenol-d6	6.34	99	722818	50.98	ng	-0.05
23) Nitrobenzene-d5	7.25	82	1447390	108.01	ng	-0.03
41) 2,4,6-Tribromophenol	10.51	330	465155	144.16	ng	-0.03
44) 2-Fluorobiphenyl	9.05	172	1912805	103.30	ng	-0.03
78) Terphenyl-d14	12.79	244	1551169	91.57	ng	-0.03

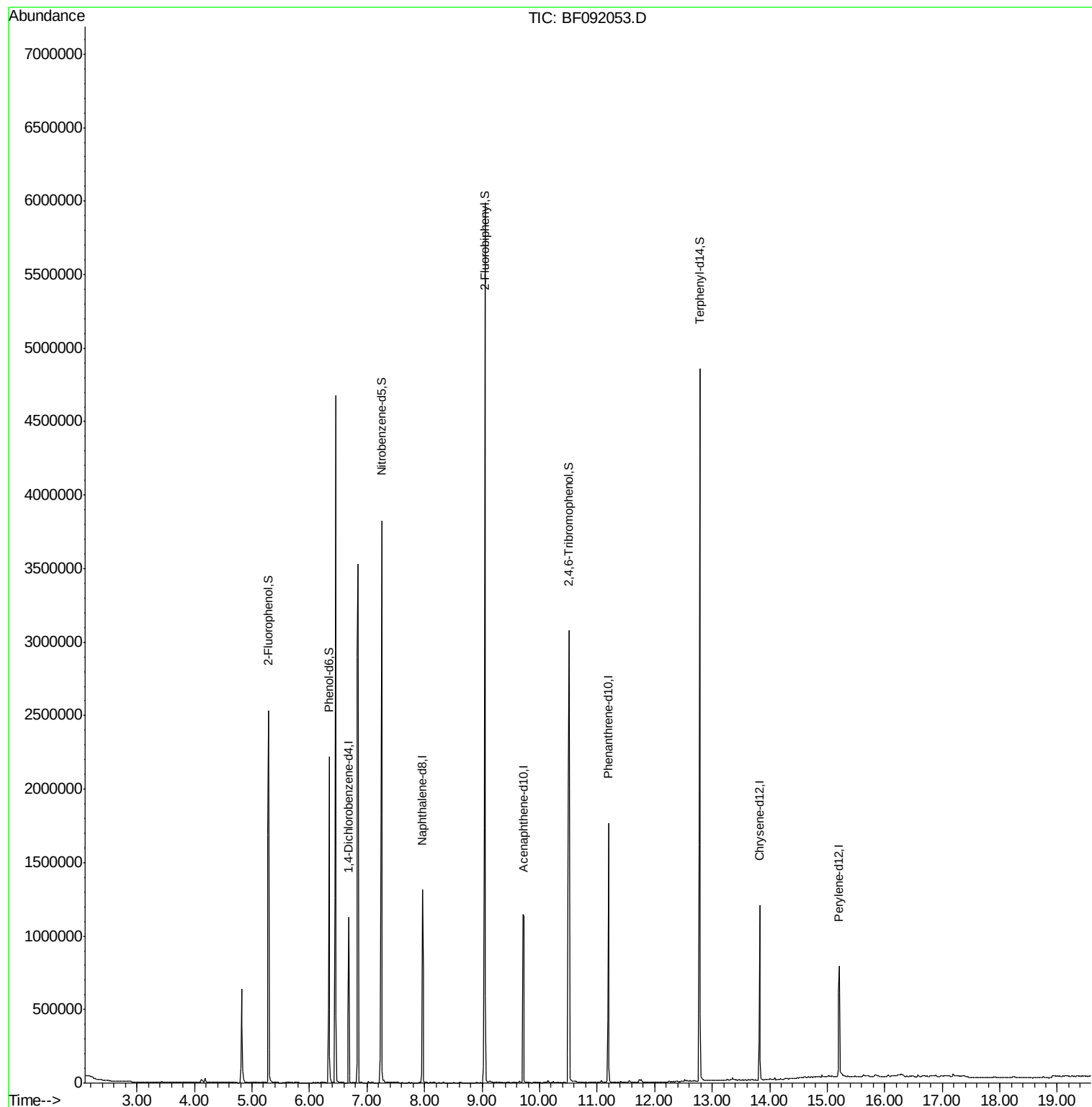
Target Compounds Qvalue

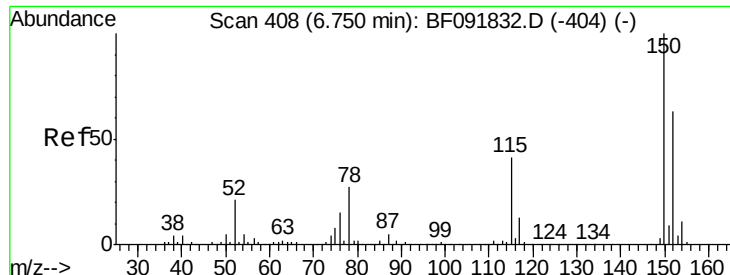
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Dec 28 17:32:10 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.68 min Scan# 402

Delta R.T. -0.02 min

Lab File: BF092053.D

Acq: 30 Dec 2016 18:50

Instrument :

BNA_F

ClientSampleId :

MW-21

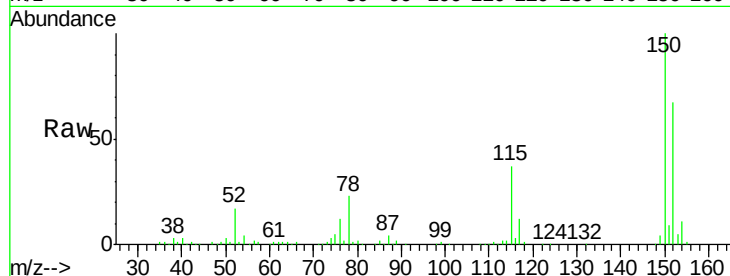
Tot Ion:152 Resp: 193920

Ion Ratio Lower Upper

152 100

150 149.3 124.9 187.3

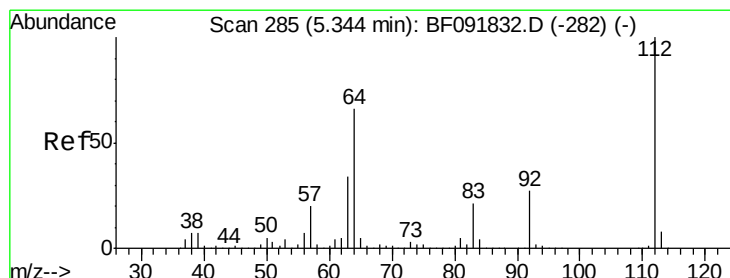
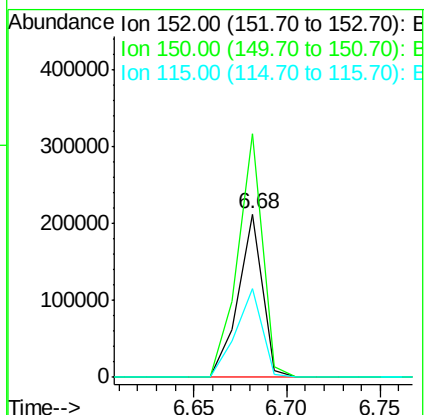
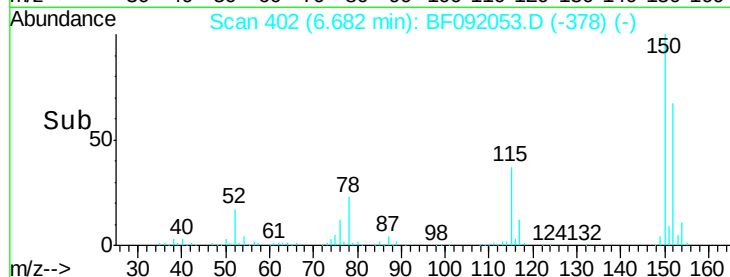
115 54.5 46.0 69.0



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: 79.33 ng

RT: 5.29 min Scan# 280

Delta R.T. -0.03 min

Lab File: BF092053.D

Acq: 30 Dec 2016 18:50

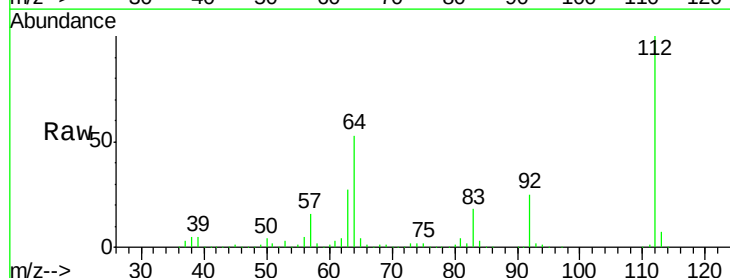
Tgt Ion:112 Resp: 921369

Ion Ratio Lower Upper

112 100

64 53.3 46.1 69.1

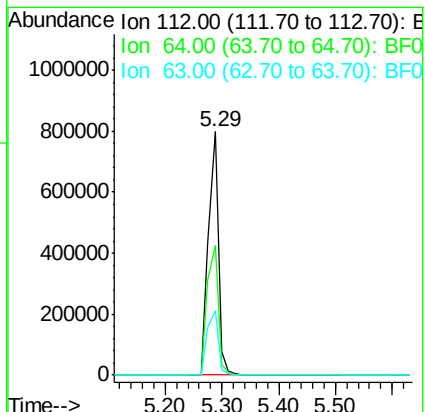
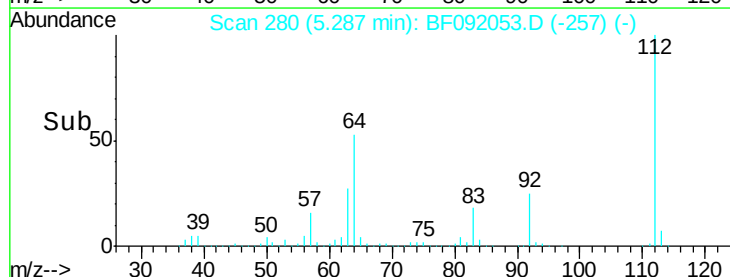
63 26.5 23.8 35.6

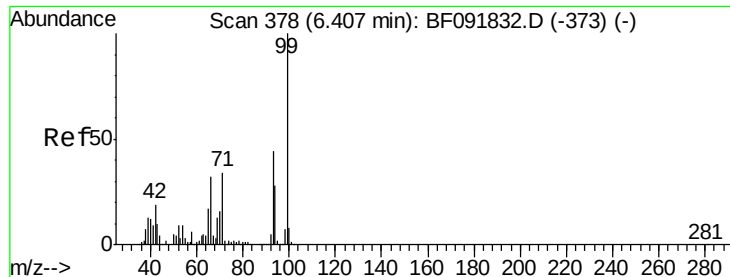


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 50.98 ng

RT: 6.34 min Scan# 372

Delta R.T. -0.05 min

Lab File: BF092053.D

Acq: 30 Dec 2016 18:50

Instrument :

BNA_F

ClientSampled :

MW-21

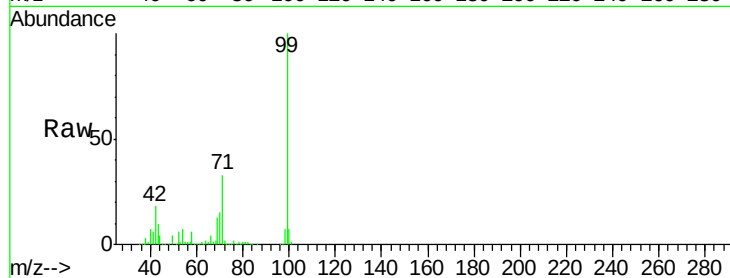
Tot Ion: 99 Resp: 722818

Ion Ratio Lower Upper

99 100

42 18.4 15.6 23.4

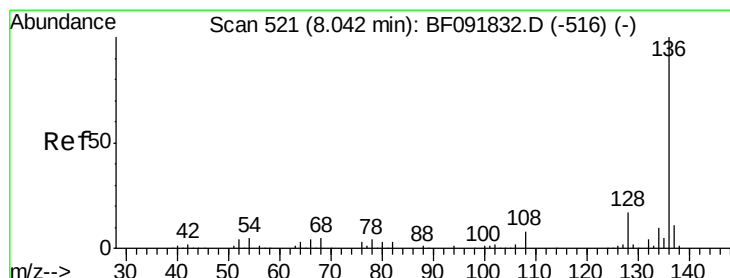
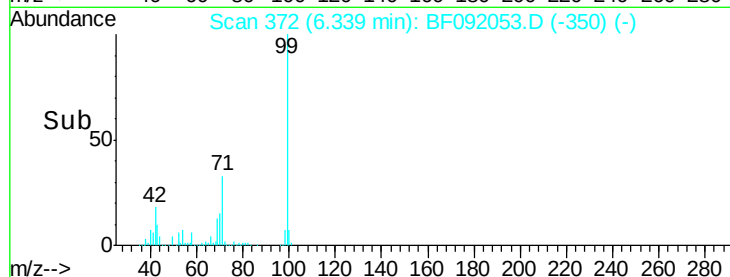
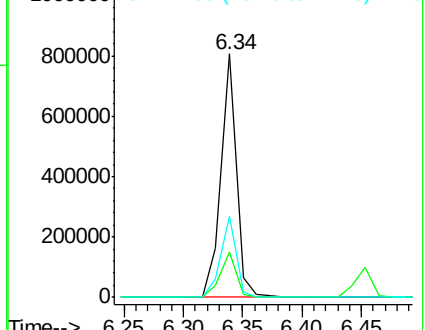
71 33.2 27.5 41.3



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: 7.96 min Scan# 514

Delta R.T. -0.03 min

Lab File: BF092053.D

Acq: 30 Dec 2016 18:50

Tgt Ion: 136 Resp: 745115

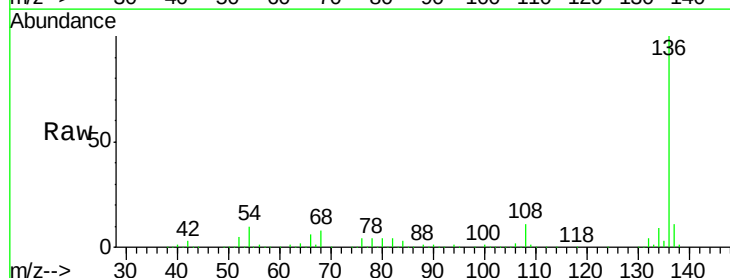
Ion Ratio Lower Upper

136 100

137 11.3 8.4 12.6

54 9.5 4.5 6.7#

68 7.5 3.6 5.4#

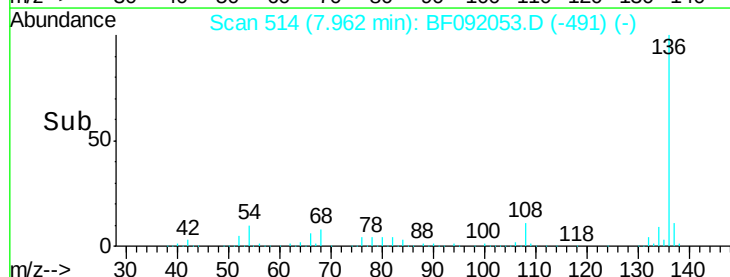
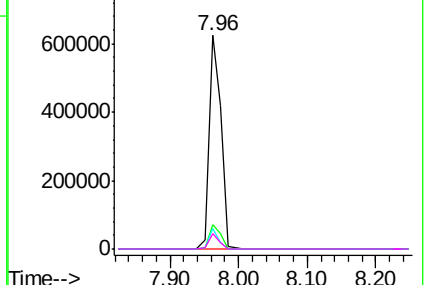


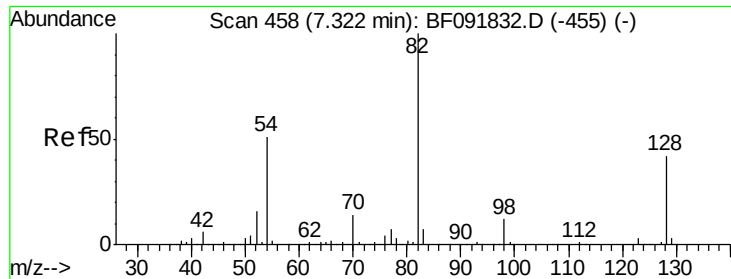
Abundance Ion 136.00 (135.70 to 136.70): E

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



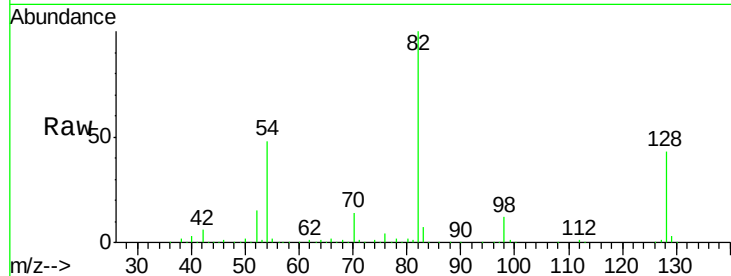


#23
 Nitrobenzene-d5
 Concen: 108.01 ng
 RT: 7.25 min Scan# 452
 Delta R.T. -0.03 min
 Lab File: BF092053.D
 Acq: 30 Dec 2016 18:50

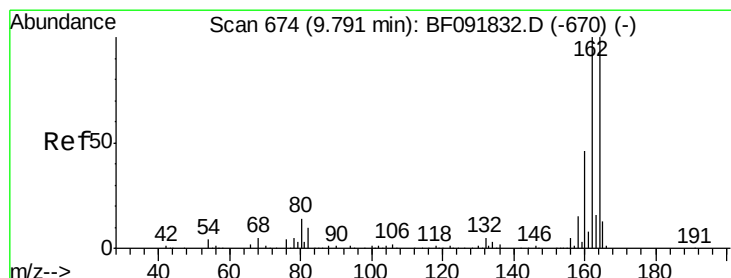
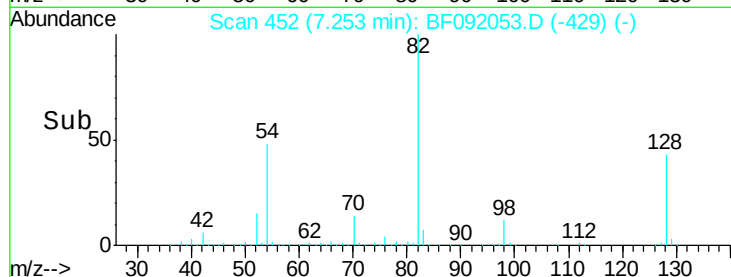
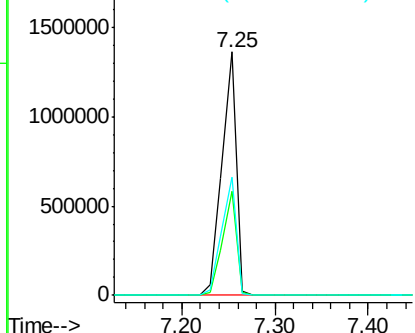
Instrument :
 BNA_F
 ClientSampleId :
 MW-21

Tot Ion: 82 Resp: 1447390

Ion	Ratio	Lower	Upper
82	100		
128	43.0	34.6	52.0
54	48.5	39.5	59.3



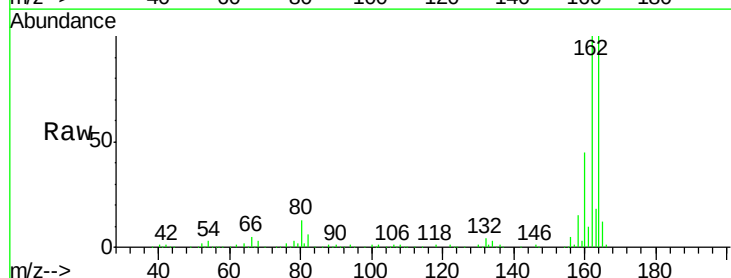
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0



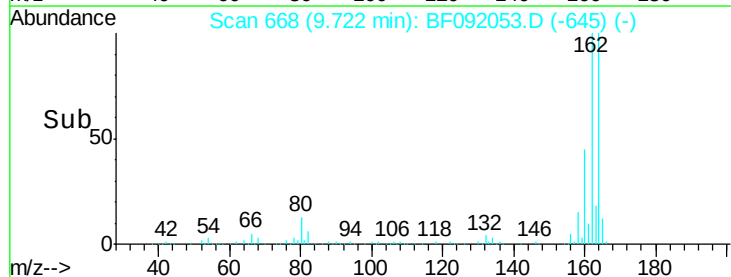
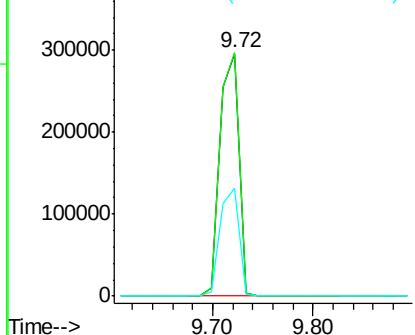
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.72 min Scan# 668
 Delta R.T. -0.03 min
 Lab File: BF092053.D
 Acq: 30 Dec 2016 18:50

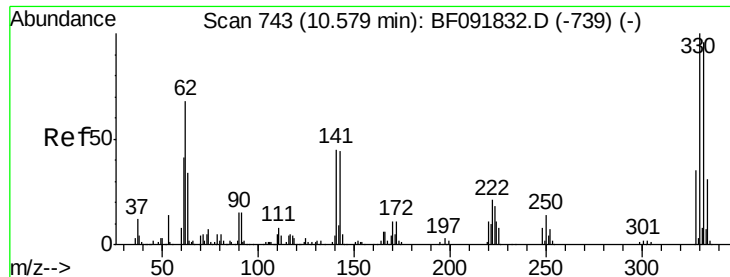
Tgt Ion:164 Resp: 389890

Ion	Ratio	Lower	Upper
164	100		
162	100.4	80.2	120.2
160	44.7	36.9	55.3



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

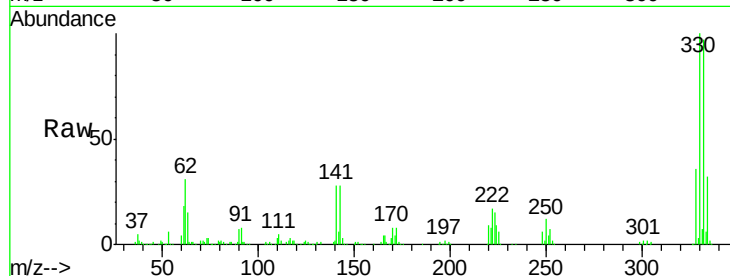




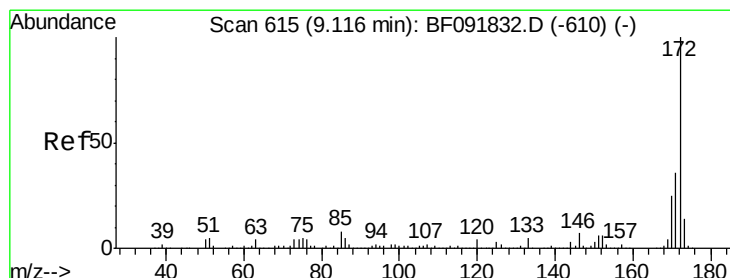
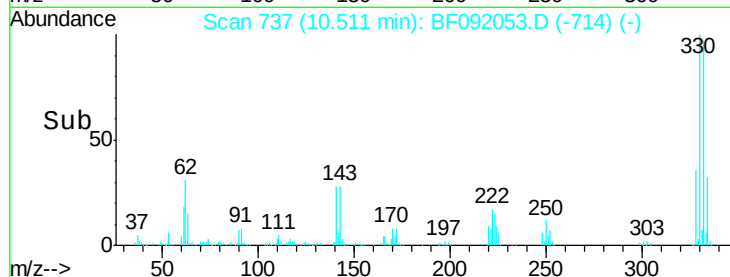
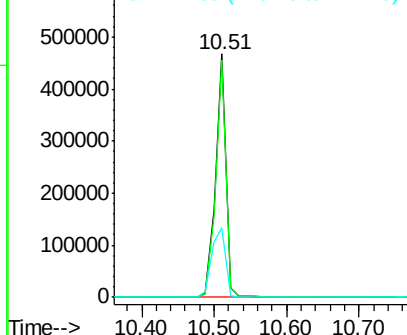
#41
 2,4,6-Tribromophenol
 Concen: 144.16 ng
 RT: 10.51 min Scan# 737
 Delta R.T. -0.03 min
 Lab File: BF092053.D
 Acq: 30 Dec 2016 18:50

Instrument :
 BNA_F
 ClientSampled :
 MW-21

Tot Ion:330 Resp: 465155
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.4 116.2
 141 37.7 34.1 51.1

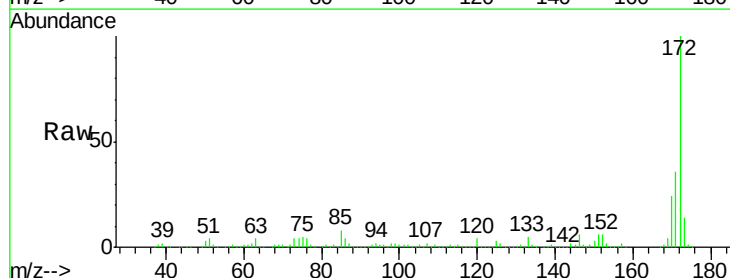


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

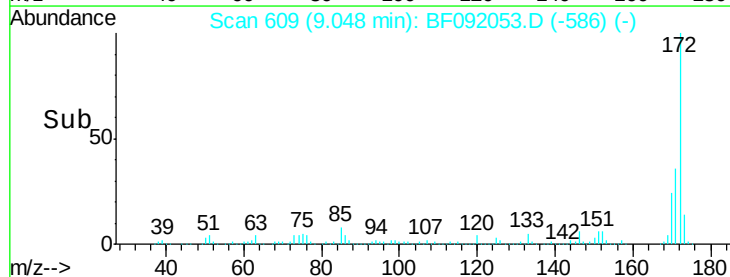
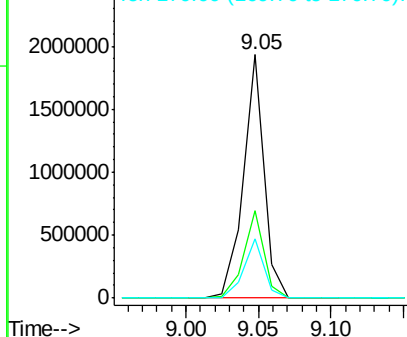


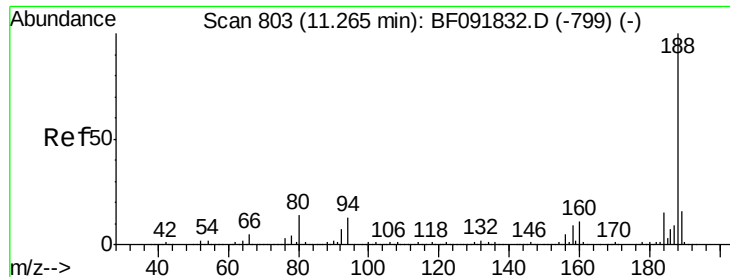
#44
 2-Fluorobiphenyl
 Concen: 103.30 ng
 RT: 9.05 min Scan# 609
 Delta R.T. -0.03 min
 Lab File: BF092053.D
 Acq: 30 Dec 2016 18:50

Tgt Ion:172 Resp: 1912805
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.4 44.0
 170 24.3 20.2 30.4



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

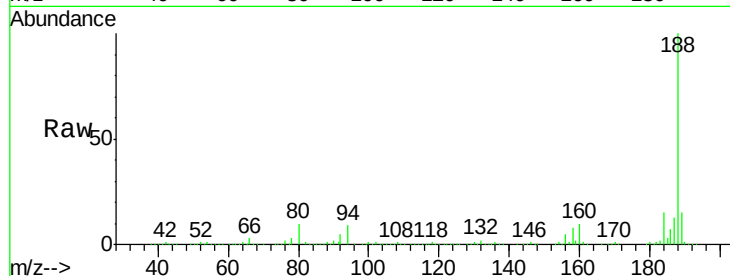




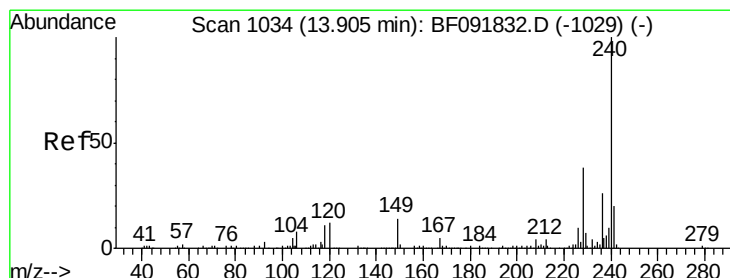
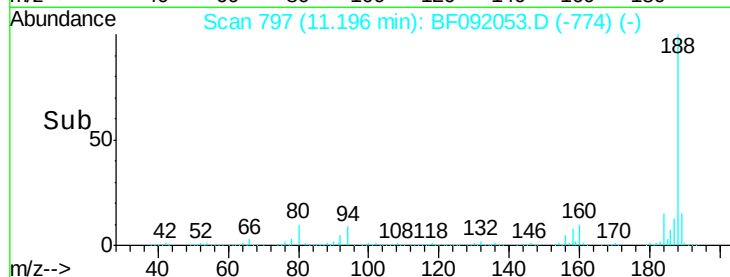
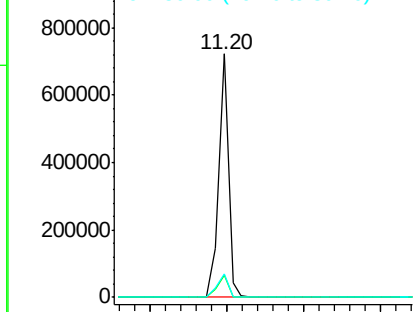
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 797
Delta R.T. -0.03 min
Lab File: BF092053.D
Acq: 30 Dec 2016 18:50

Instrument :
BNA_F
ClientSampleId :
MW-21

Tot Ion:188 Resp: 633365
Ion Ratio Lower Upper
188 100
94 9.1 10.0 15.0#
80 9.8 11.2 16.8#

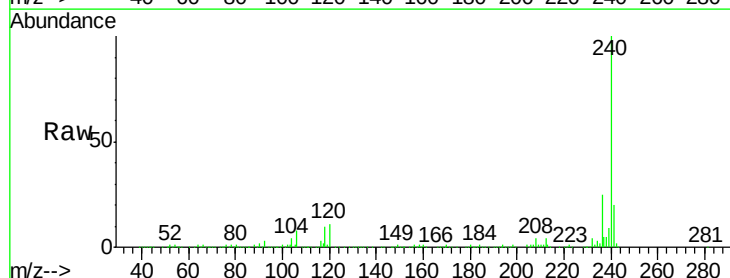


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

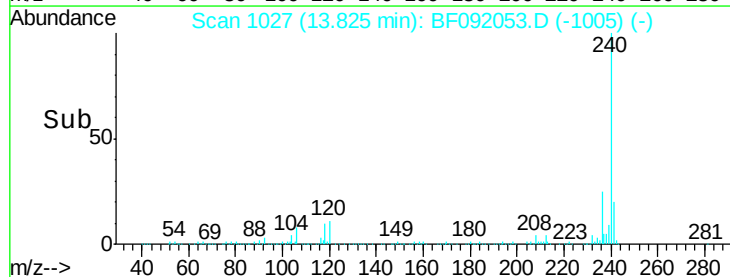
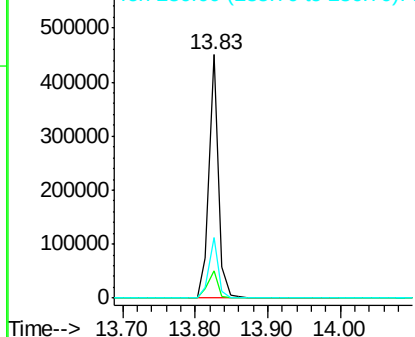


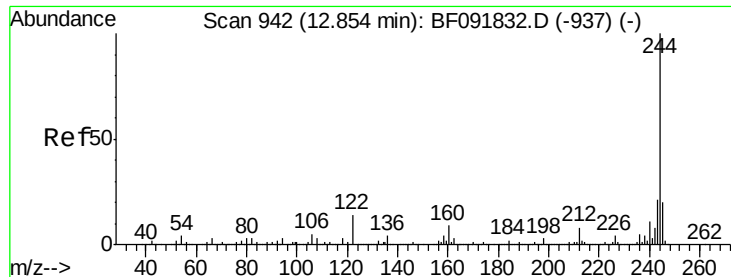
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.83 min Scan# 1027
Delta R.T. -0.05 min
Lab File: BF092053.D
Acq: 30 Dec 2016 18:50

Tgt Ion:240 Resp: 410844
Ion Ratio Lower Upper
240 100
120 11.4 12.9 19.3#
236 25.0 20.9 31.3



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



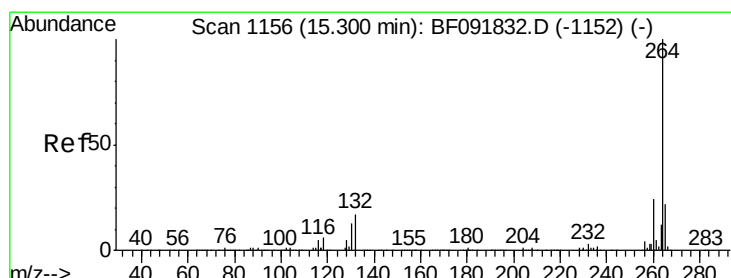
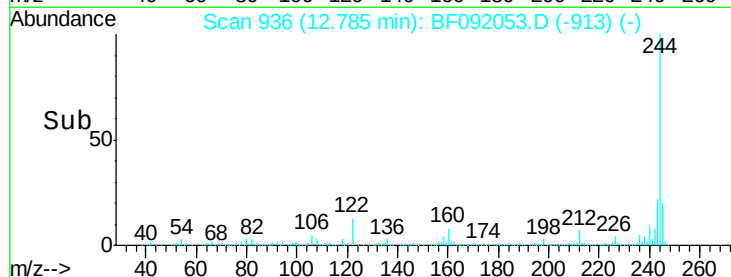
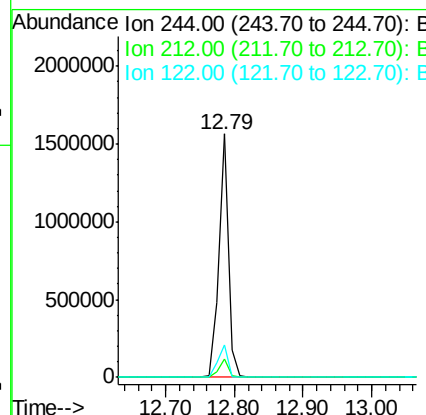
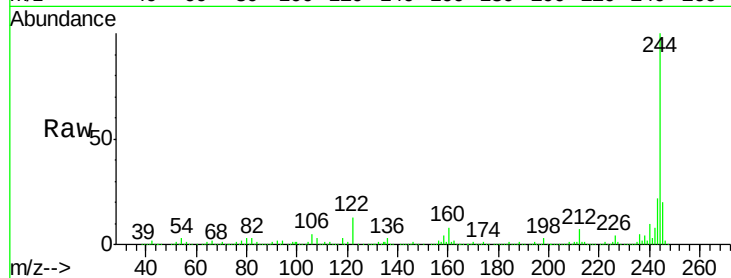


#78
 Terphenyl-d14
 Concen: 91.57 ng
 RT: 12.79 min Scan# 936
 Delta R.T. -0.03 min
 Lab File: BF092053.D
 Acq: 30 Dec 2016 18:50

Instrument :
 BNA_F
 ClientSampleId :
 MW-21

Tot Ion:244 Resp: 1551169

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.2	9.2
122	13.1	11.4	17.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.21 min Scan# 1148
 Delta R.T. -0.05 min
 Lab File: BF092053.D
 Acq: 30 Dec 2016 18:50

Tgt Ion:264 Resp: 385573

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	21.2	17.4	26.0

