

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012117\
 Data File : BF092412.D
 Acq On : 21 Jan 2017 14:54
 Operator : UM/SJ
 Sample : I1267-09
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-14

Quant Time: Jan 23 01:30:01 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 23 01:12:17 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.51	152	110868	20.00	ng	-0.01
21) Naphthalene-d8	7.80	136	435068	20.00	ng	-0.01
38) Acenaphthene-d10	9.55	164	325356	20.00	ng	-0.01
63) Phenanthrene-d10	11.03	188	611271	20.00	ng	0.00
75) Chrysene-d12	13.65	240	468491	20.00	ng	-0.01
86) Perylene-d12	15.00	264	369407	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.10	112	548091	82.55	ng	0.01
7) Phenol-d6	6.20	99	496111	61.20	ng	0.00
23) Nitrobenzene-d5	7.09	82	878853	112.33	ng	-0.01
41) 2,4,6-Tribromophenol	10.35	330	400602	148.78	ng	0.00
44) 2-Fluorobiphenyl	8.88	172	1406288	89.20	ng	0.00
78) Terphenyl-d14	12.62	244	1875935	97.11	ng	0.01

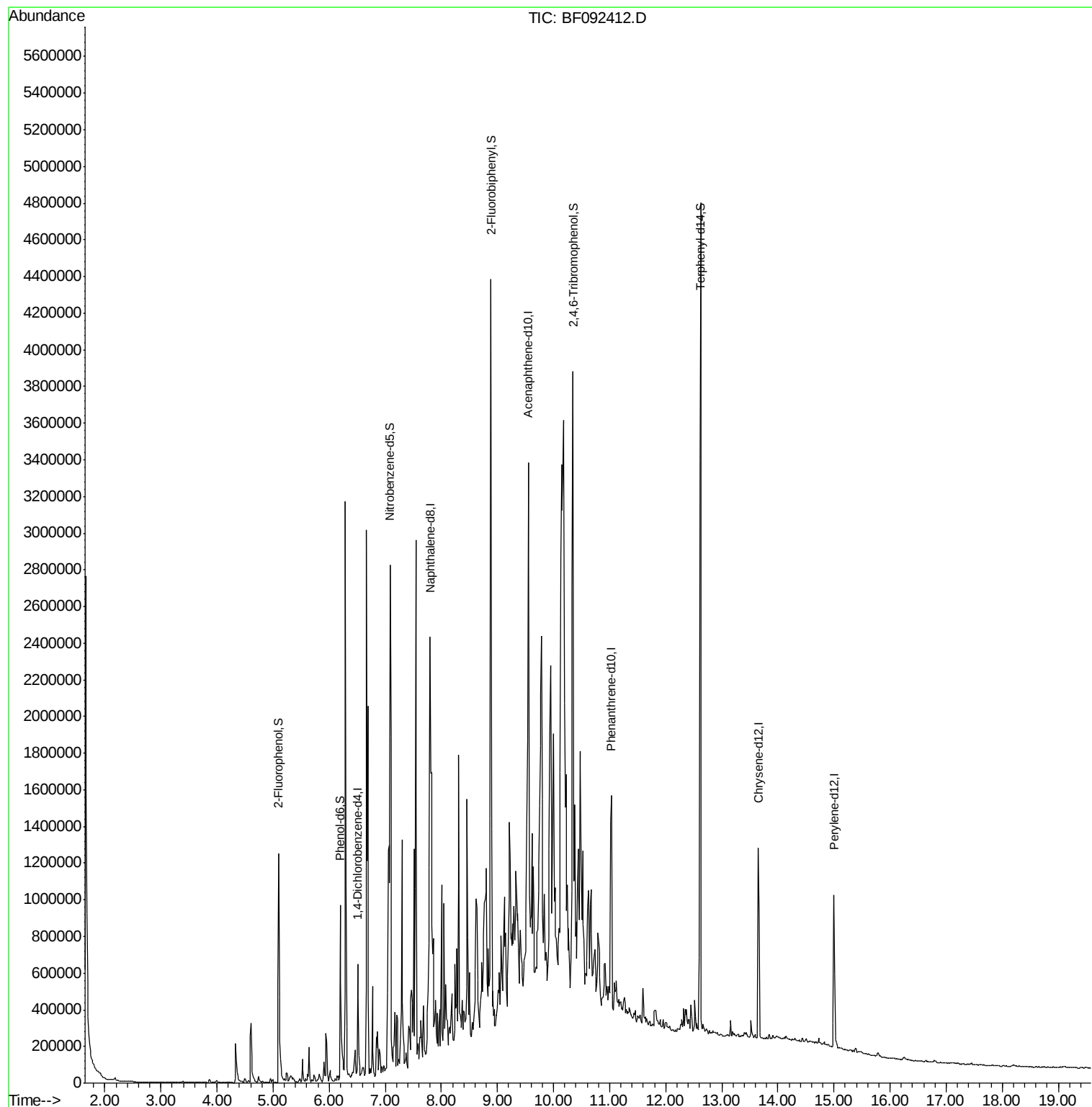
Target Compounds Qvalue

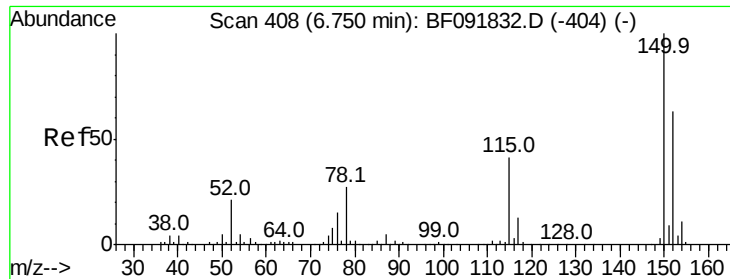
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.51 min Scan# 426

Delta R.T. -0.01 min

Lab File: BF092412.D

Acq: 21 Jan 2017 14:54

Instrument :

BNA_F

ClientSampleId :

MW-14

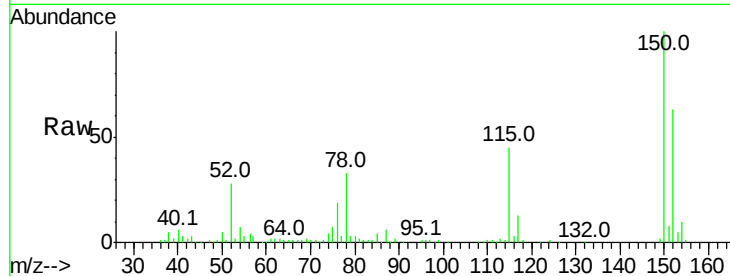
Tot Ion:152 Resp: 110868

Ion Ratio Lower Upper

152 100

150 160.0 124.9 187.3

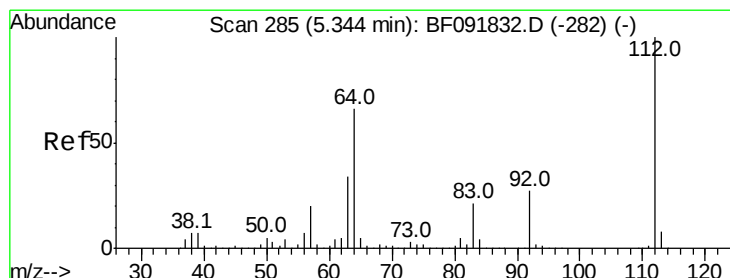
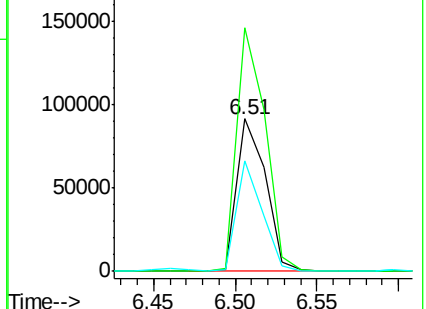
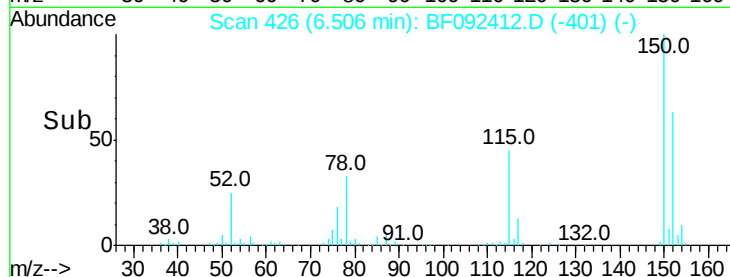
115 72.3 46.0 69.0#



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: 82.55 ng

RT: 5.10 min Scan# 303

Delta R.T. 0.01 min

Lab File: BF092412.D

Acq: 21 Jan 2017 14:54

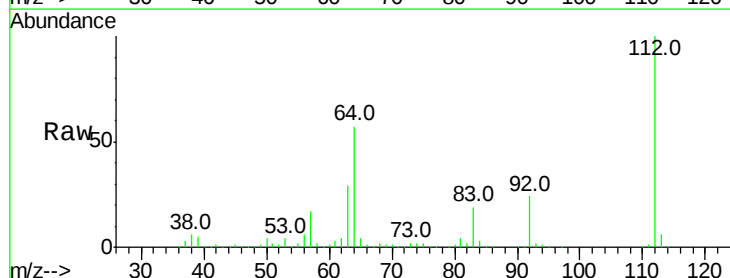
Tgt Ion:112 Resp: 548091

Ion Ratio Lower Upper

112 100

64 56.7 46.1 69.1

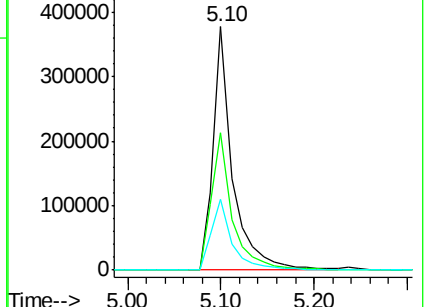
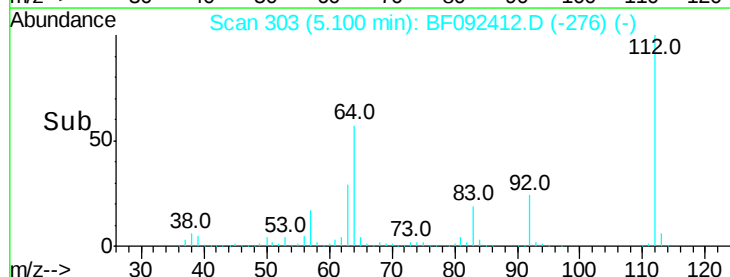
63 29.0 23.8 35.6



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: 61.20 ng

RT: 6.20 min Scan# 399

Delta R.T. 0.00 min

Lab File: BF092412.D

Acq: 21 Jan 2017 14:54

Instrument :

BNA_F

ClientSampleId :

MW-14

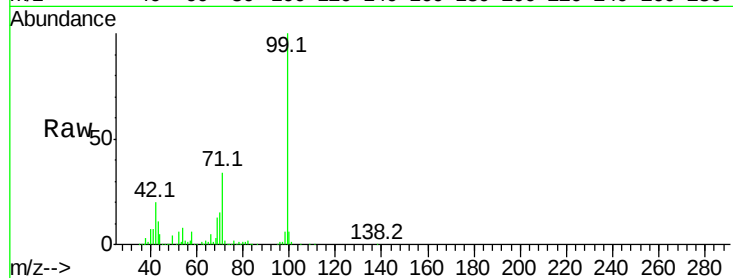
Tot Ion: 99 Resp: 496111

Ion Ratio Lower Upper

99 100

42 20.2 15.6 23.4

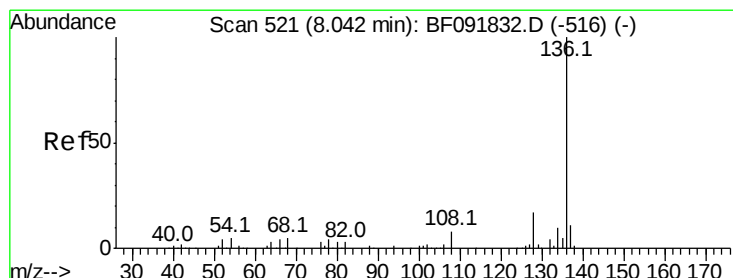
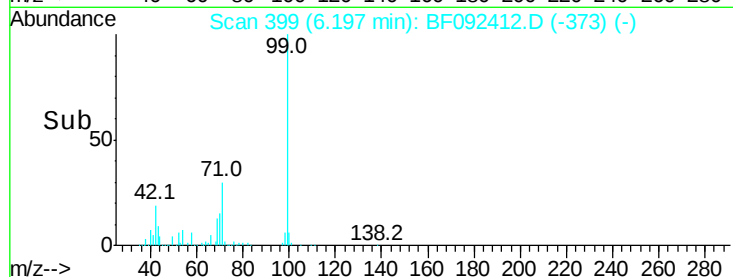
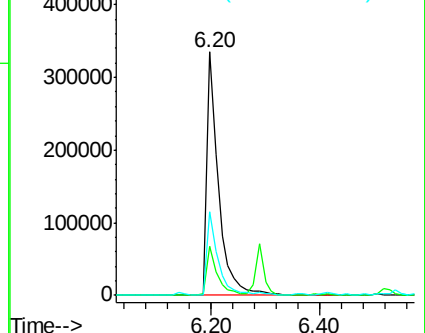
71 34.5 27.5 41.3



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: 7.80 min Scan# 539

Delta R.T. -0.01 min

Lab File: BF092412.D

Acq: 21 Jan 2017 14:54

Tgt Ion: 136 Resp: 435068

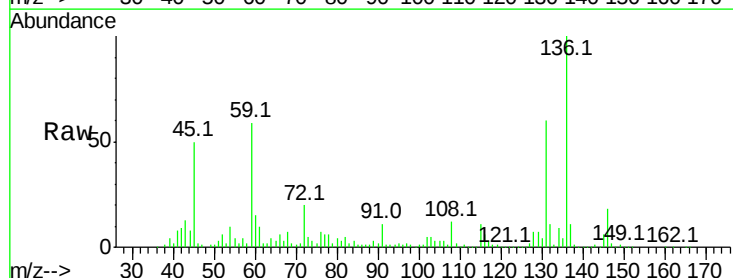
Ion Ratio Lower Upper

136 100

137 11.4 8.4 12.6

54 10.2 4.5 6.7#

68 7.1 3.6 5.4#

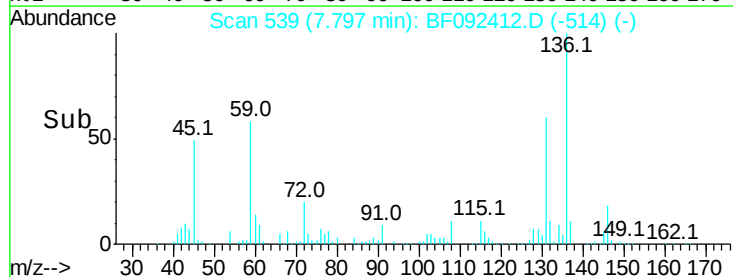
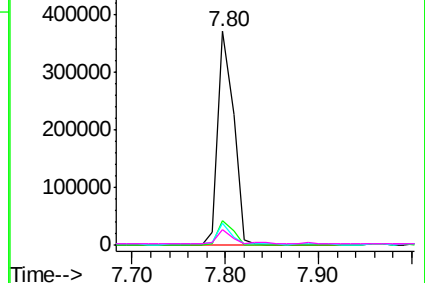


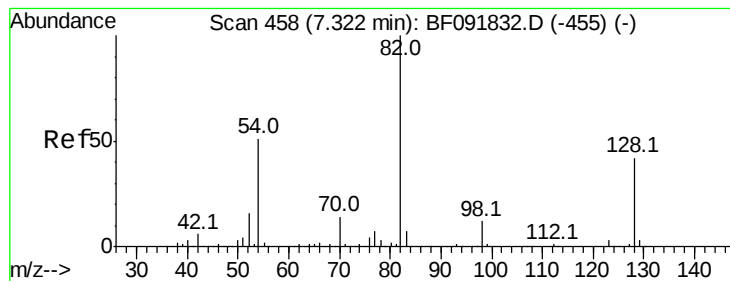
Abundance Ion 136.00 (135.70 to 136.70): E

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: 112.33 ng

RT: 7.09 min Scan# 477

Delta R.T. -0.01 min

Lab File: BF092412.D

Acq: 21 Jan 2017 14:54

Instrument :

BNA_F

ClientSampleId :

MW-14

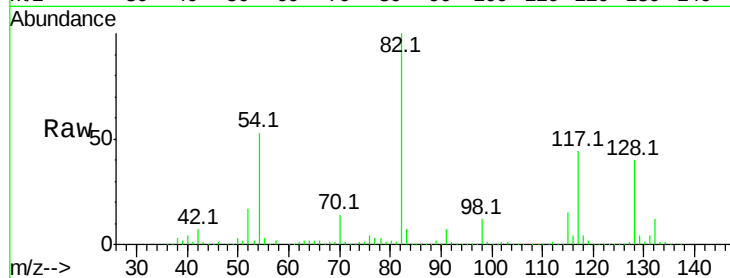
Tot Ion: 82 Resp: 878853

Ion Ratio Lower Upper

82 100

128 39.9 34.6 52.0

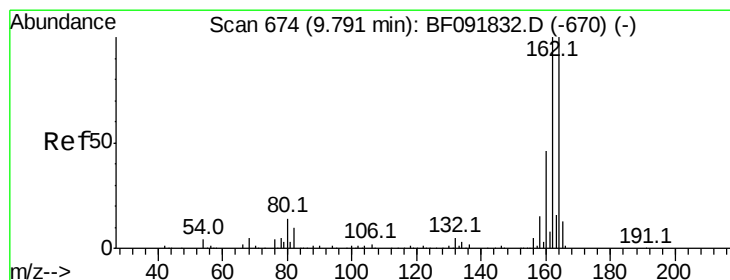
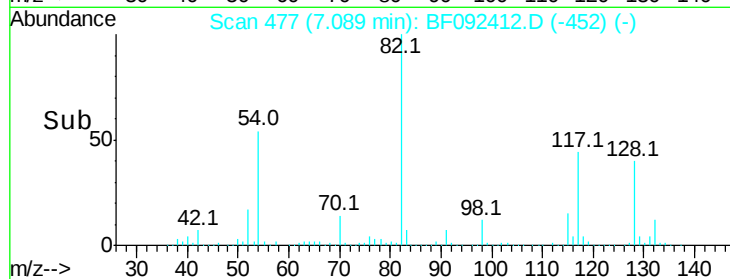
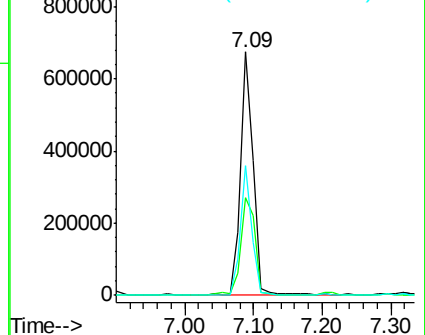
54 53.5 39.5 59.3



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.55 min Scan# 692

Delta R.T. -0.01 min

Lab File: BF092412.D

Acq: 21 Jan 2017 14:54

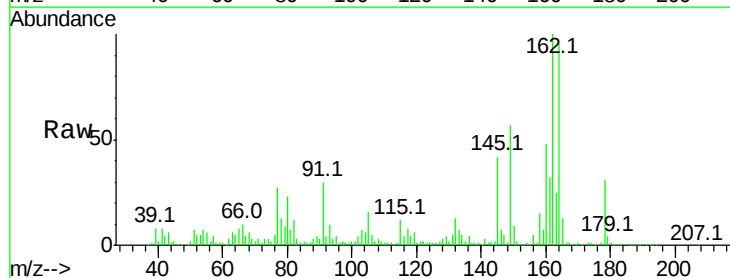
Tgt Ion:164 Resp: 325356

Ion Ratio Lower Upper

164 100

162 103.6 80.2 120.2

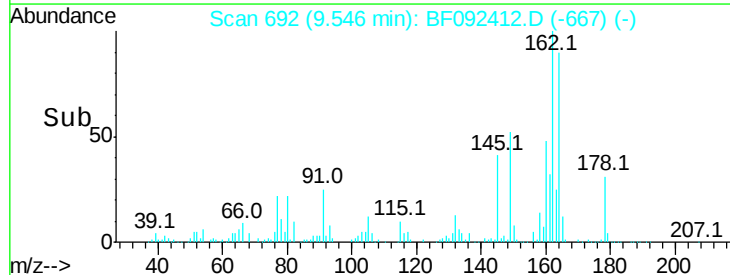
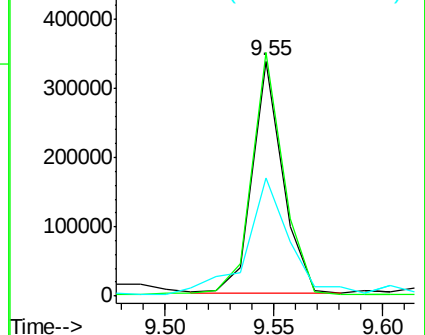
160 50.1 36.9 55.3



Abundance Ion 164.00 (163.70 to 164.70): BF0

Ion 162.00 (161.70 to 162.70): BF0

Ion 160.00 (159.70 to 160.70): BF0

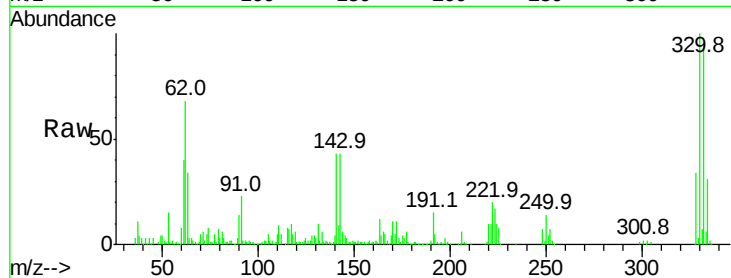




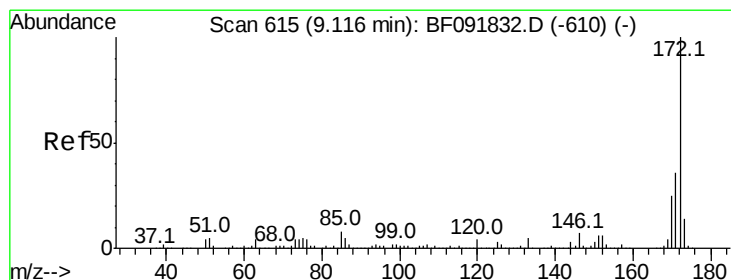
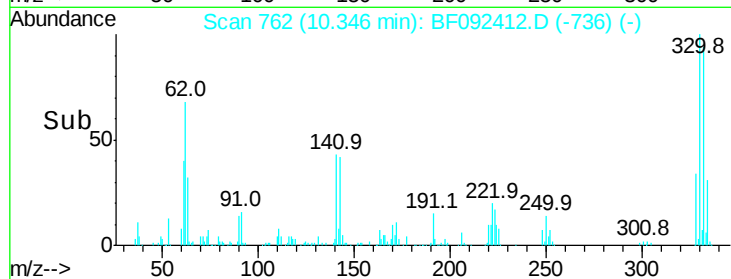
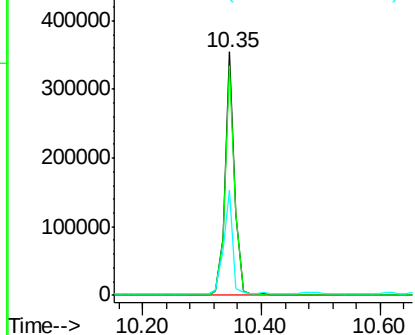
#41
 2,4,6-Tribromophenol
 Concen: 148.78 ng
 RT: 10.35 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BF092412.D
 Acq: 21 Jan 2017 14:54

Instrument :
 BNA_F
 ClientSampleId :
 MW-14

Tot Ion:330 Resp: 400602
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.4 116.2
 141 41.1 34.1 51.1

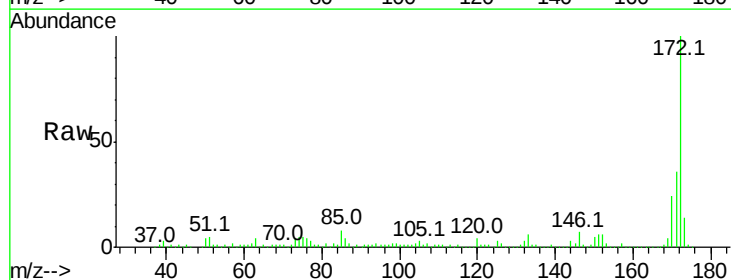


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

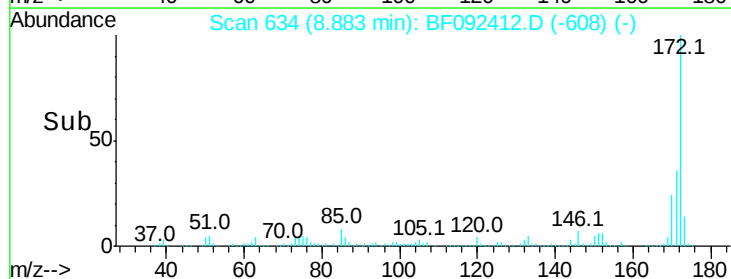
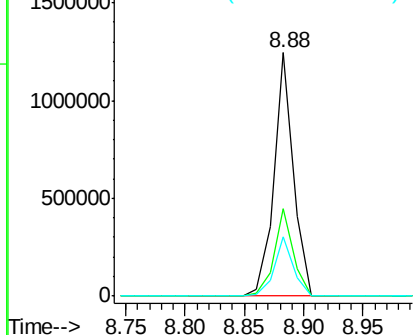


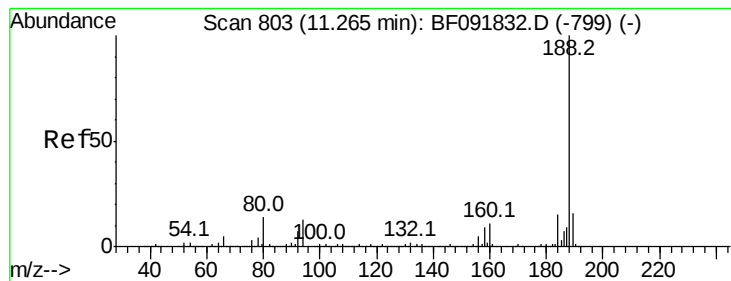
#44
 2-Fluorobiphenyl
 Concen: 89.20 ng
 RT: 8.88 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: BF092412.D
 Acq: 21 Jan 2017 14:54

Tgt Ion:172 Resp: 1406288
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.4 44.0
 170 24.4 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: 11.03 min Scan# 822

Delta R.T. 0.00 min

Lab File: BF092412.D

Acq: 21 Jan 2017 14:54

Instrument :

BNA_F

ClientSampleId :

MW-14

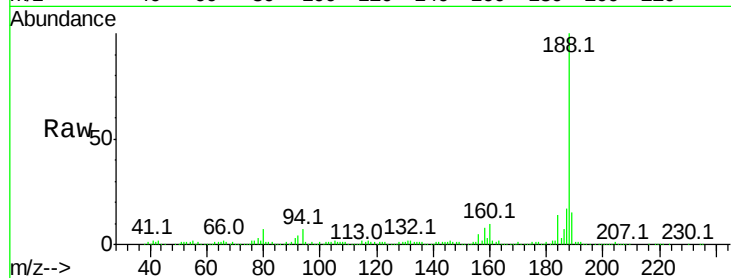
Tot Ion:188 Resp: 611271

Ion Ratio Lower Upper

188 100

94 7.3 10.0 15.0#

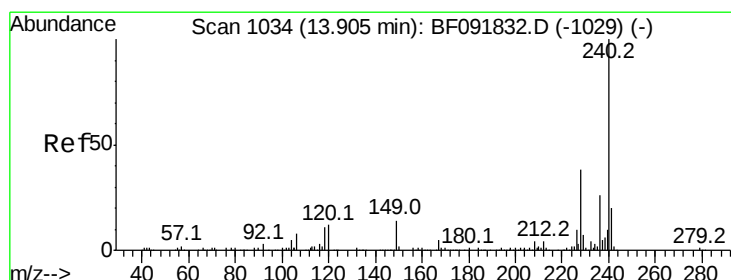
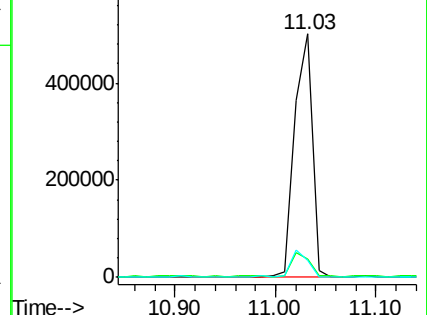
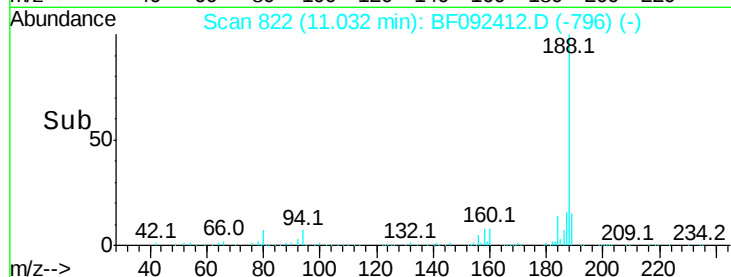
80 7.2 11.2 16.8#



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: 13.65 min Scan# 1051

Delta R.T. -0.01 min

Lab File: BF092412.D

Acq: 21 Jan 2017 14:54

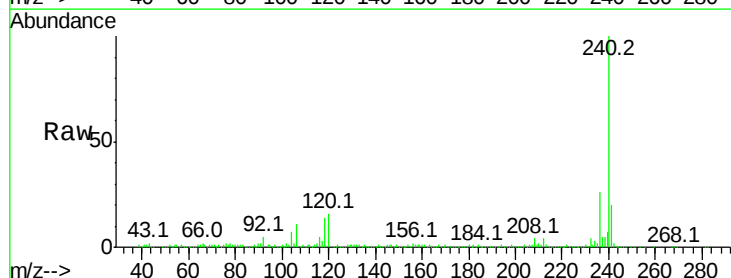
Tgt Ion:240 Resp: 468491

Ion Ratio Lower Upper

240 100

120 16.3 12.9 19.3

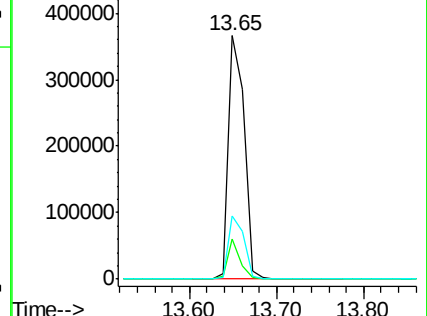
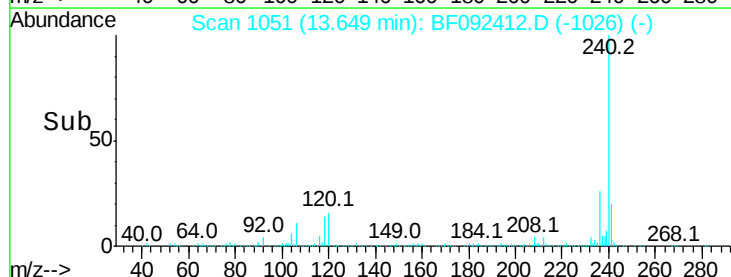
236 25.8 20.9 31.3

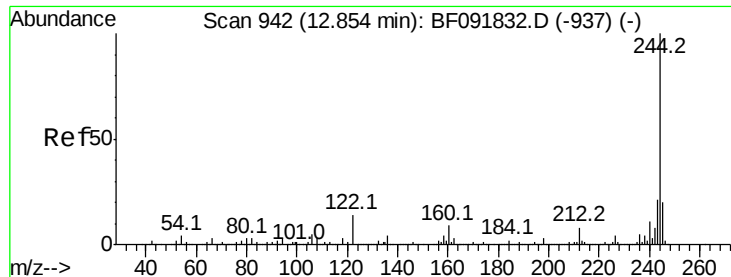


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

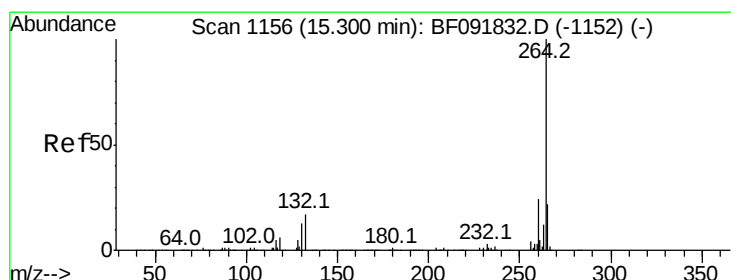
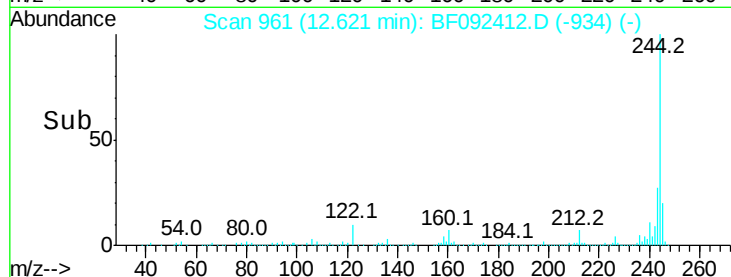
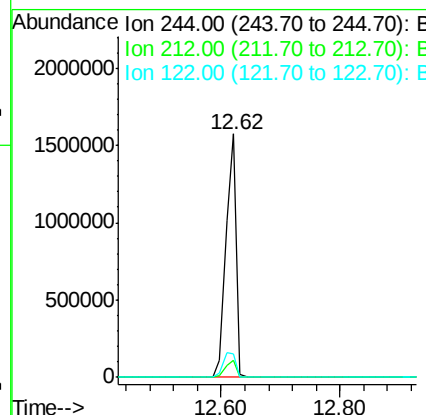
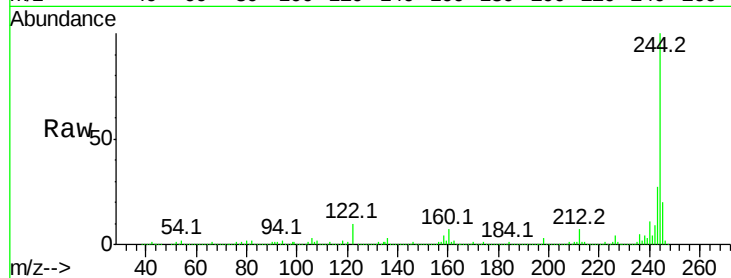




#78
 Terphenyl-d14
 Concen: 97.11 ng
 RT: 12.62 min Scan# 961
 Delta R.T. 0.01 min
 Lab File: BF092412.D
 Acq: 21 Jan 2017 14:54

Instrument :
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 MW-14

Tot Ion:244 Resp: 1875935
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.2 9.2
 122 9.9 11.4 17.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.00 min Scan# 1169
 Delta R.T. -0.01 min
 Lab File: BF092412.D
 Acq: 21 Jan 2017 14:54

Tgt Ion:264 Resp: 369407
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.2 28.8
 265 21.9 17.4 26.0

