

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012017\
 Data File : BF092397.D
 Acq On : 21 Jan 2017 5:02
 Operator : UM/SJ
 Sample : I1267-03
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-23

Quant Time: Jan 21 05:49:47 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 20 22:22:14 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.52	152	122611	20.00	ng	0.00
21) Naphthalene-d8	7.81	136	702086	20.00	ng	0.00
38) Acenaphthene-d10	9.56	164	311384	20.00	ng	0.00
63) Phenanthrene-d10	11.03	188	362661	20.00	ng	0.00
75) Chrysene-d12	13.67	240	288275	20.00	ng	0.01
86) Perylene-d12	15.02	264	216888	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.11	112	646013	87.97	ng	0.02
7) Phenol-d6	6.21	99	414419	46.22	ng	0.02
23) Nitrobenzene-d5	7.10	82	980229	77.64	ng	0.00
41) 2,4,6-Tribromophenol	10.36	330	374778	145.44	ng	0.01
44) 2-Fluorobiphenyl	8.90	172	1940102	135.29	ng	0.00
78) Terphenyl-d14	12.63	244	1188282	99.97	ng	0.01

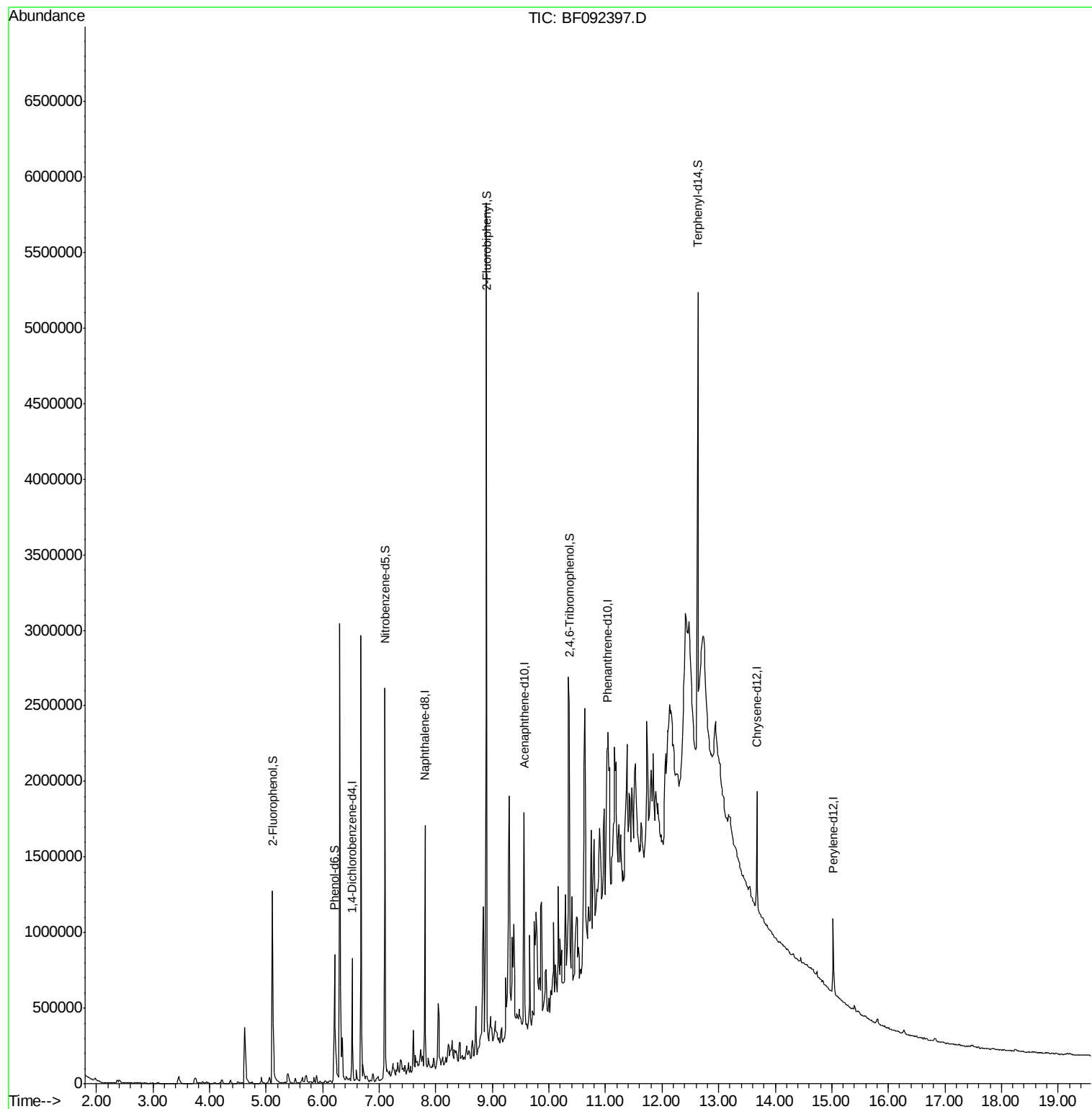
Target Compounds Qvalue

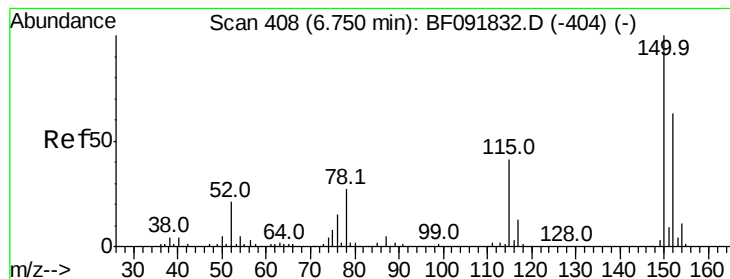
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.52 min Scan# 414

Delta R.T. -0.00 min

Lab File: BF092397.D

Acq: 21 Jan 2017 5:02

Instrument :

BNA_F

ClientSampleId :

MW-23

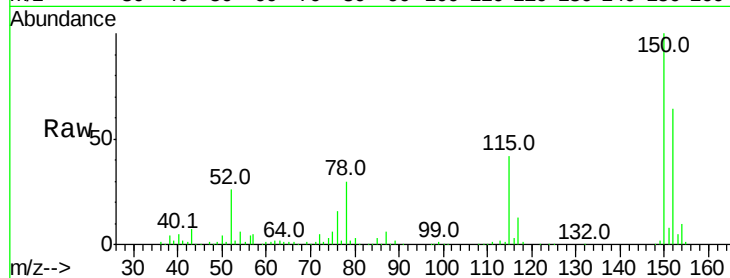
Tot Ion:152 Resp: 122611

Ion Ratio Lower Upper

152 100

150 156.2 124.9 187.3

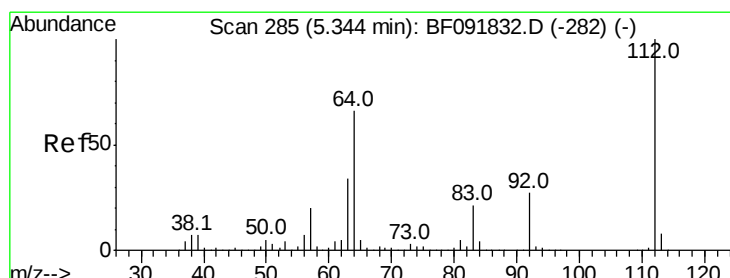
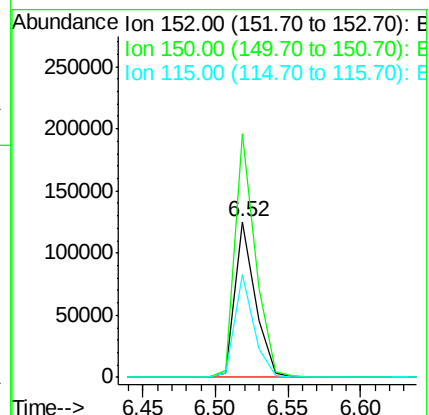
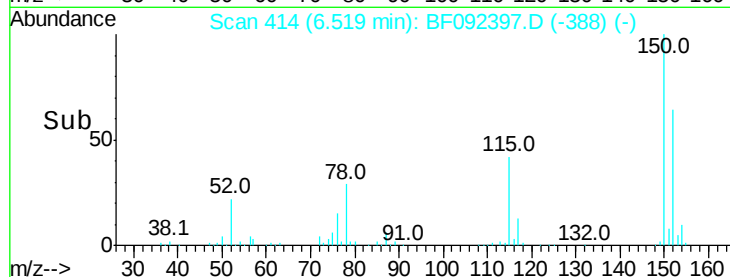
115 65.9 46.0 69.0



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: 87.97 ng

RT: 5.11 min Scan# 291

Delta R.T. 0.02 min

Lab File: BF092397.D

Acq: 21 Jan 2017 5:02

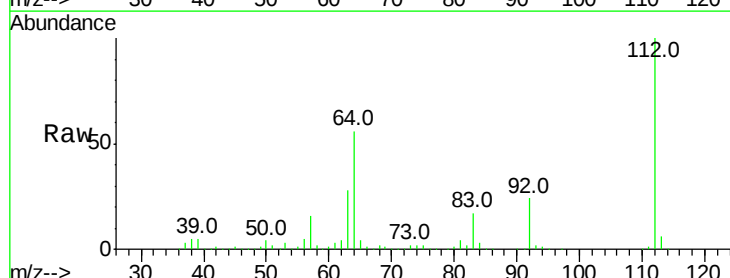
Tgt Ion:112 Resp: 646013

Ion Ratio Lower Upper

112 100

64 56.0 46.1 69.1

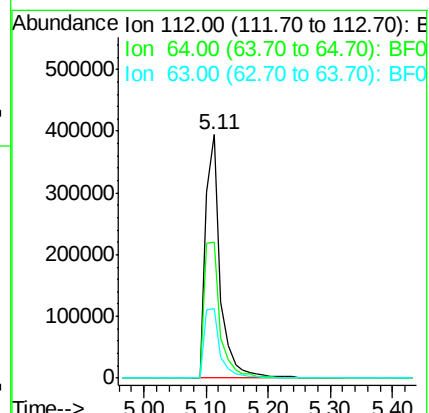
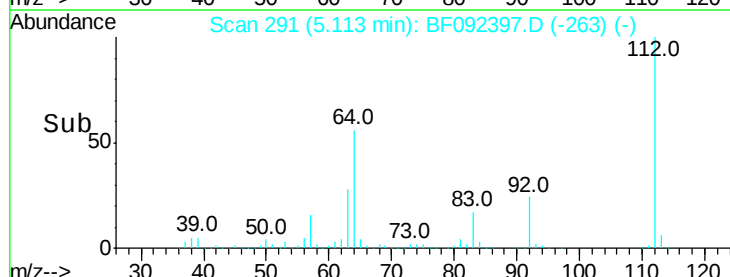
63 28.3 23.8 35.6



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: 46.22 ng

RT: 6.21 min Scan# 387

Delta R.T. 0.02 min

Lab File: BF092397.D

Acq: 21 Jan 2017 5:02

Instrument :

BNA_F

ClientSampleId :

MW-23

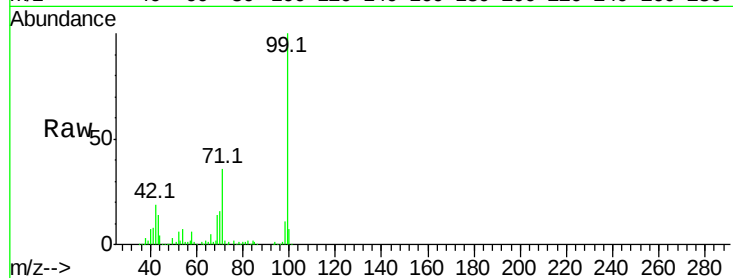
Tot Ion: 99 Resp: 414419

Ion Ratio Lower Upper

99 100

42 19.1 15.6 23.4

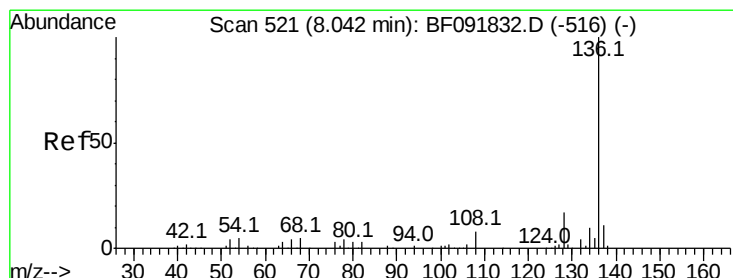
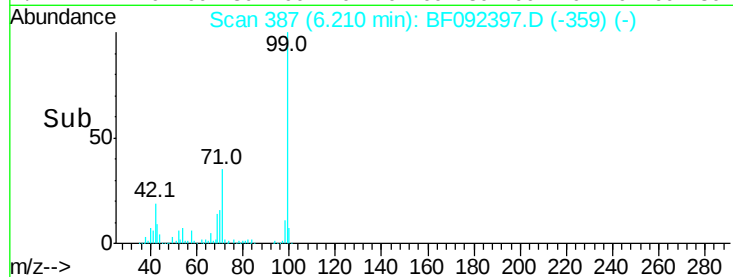
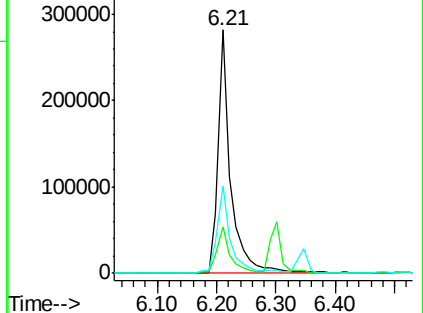
71 35.7 27.5 41.3



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: 7.81 min Scan# 527

Delta R.T. -0.00 min

Lab File: BF092397.D

Acq: 21 Jan 2017 5:02

Tgt Ion: 136 Resp: 702086

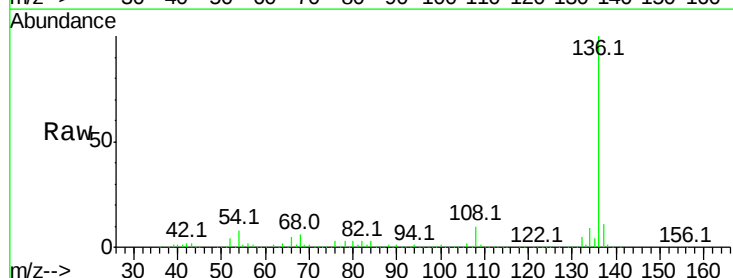
Ion Ratio Lower Upper

136 100

137 11.2 8.4 12.6

54 7.7 4.5 6.7#

68 6.4 3.6 5.4#

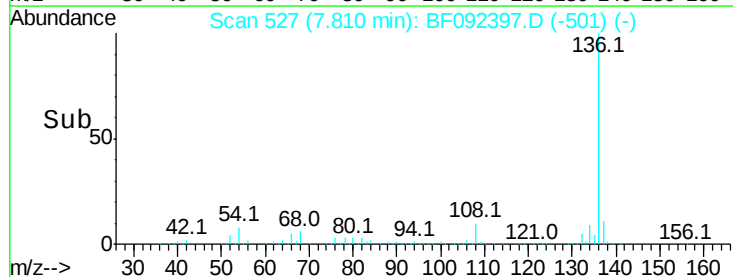
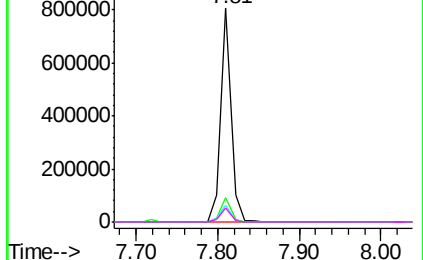


Abundance Ion 136.00 (135.70 to 136.70): E

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

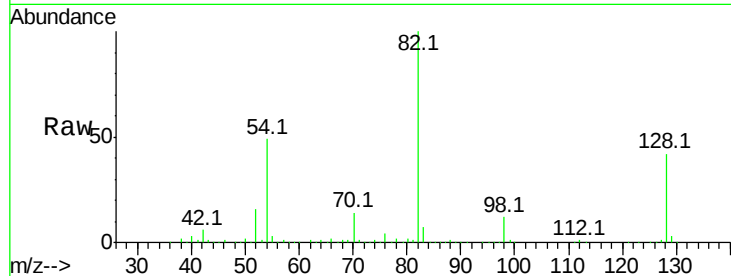




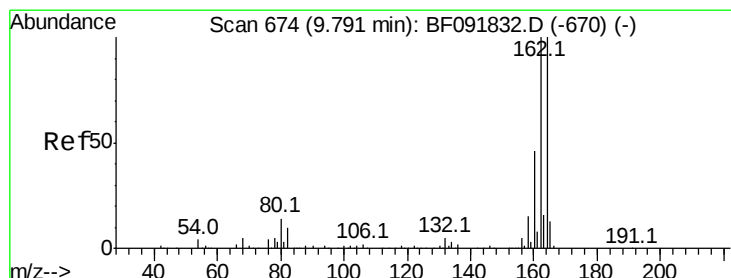
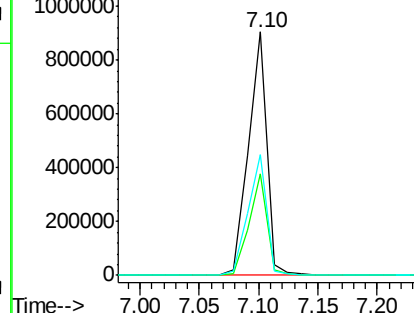
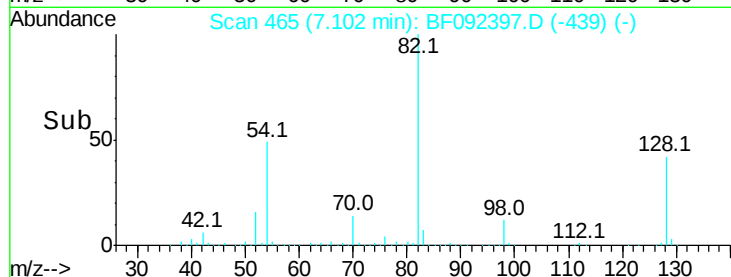
#23
 Nitrobenzene-d5
 Concen: 77.64 ng
 RT: 7.10 min Scan# 465
 Delta R.T. -0.00 min
 Lab File: BF092397.D
 Acq: 21 Jan 2017 5:02

Instrument :
 BNA_F
 ClientSampleId :
 MW-23

Tot Ion	82	Resp	980229
Ion Ratio	100		
Lower		34.6	52.0
Upper		59.3	

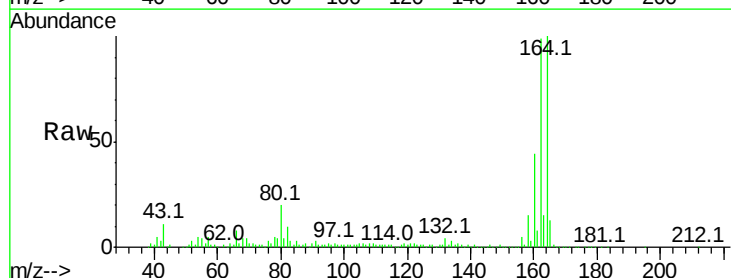


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

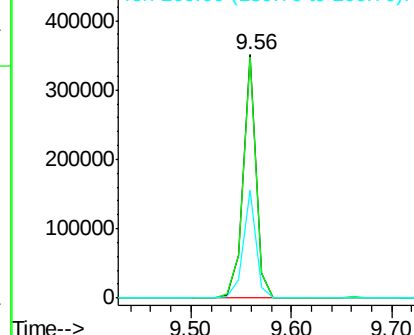
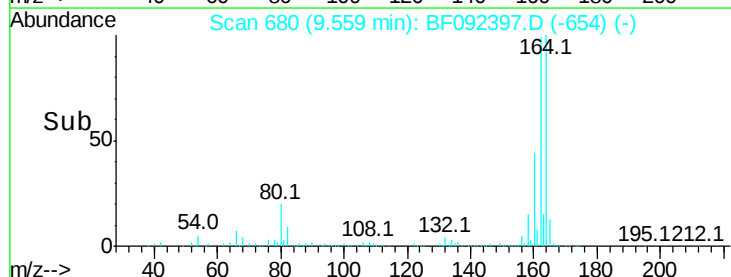


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.56 min Scan# 680
 Delta R.T. -0.00 min
 Lab File: BF092397.D
 Acq: 21 Jan 2017 5:02

Tgt Ion	164	Resp	311384
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower		80.2	120.2
Upper		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

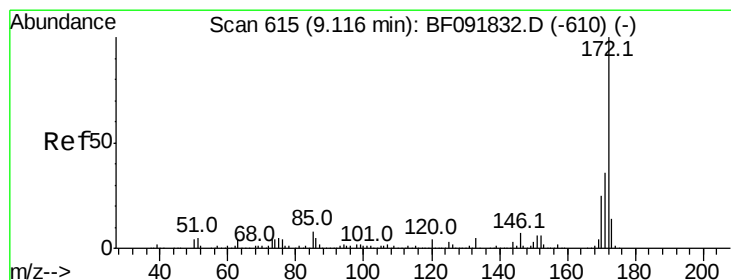
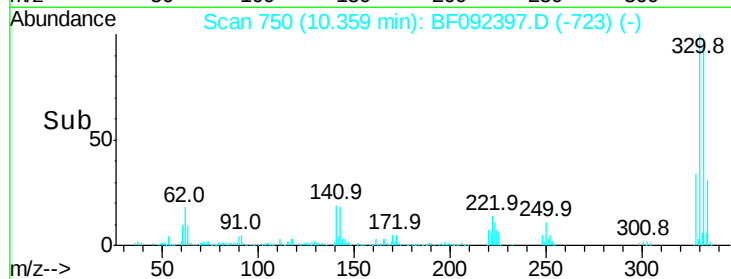
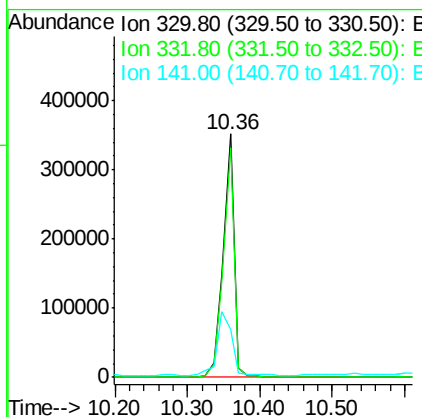
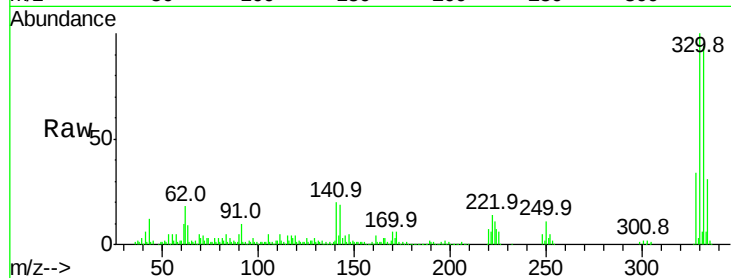




#41
 2,4,6-Tribromophenol
 Concen: 145.44 ng
 RT: 10.36 min Scan# 750
 Delta R.T. 0.01 min
 Lab File: BF092397.D
 Acq: 21 Jan 2017 5:02

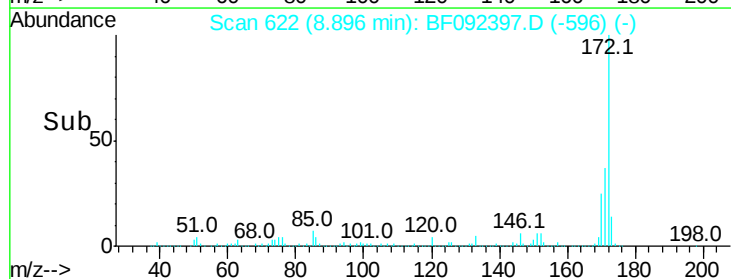
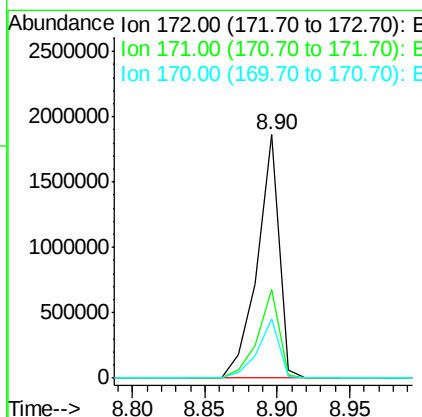
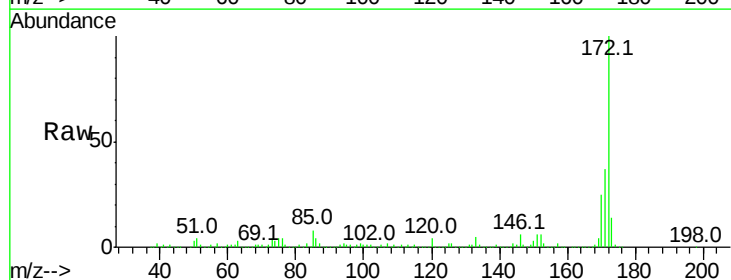
Instrument :
 BNA_F
 ClientSampleId :
 MW-23

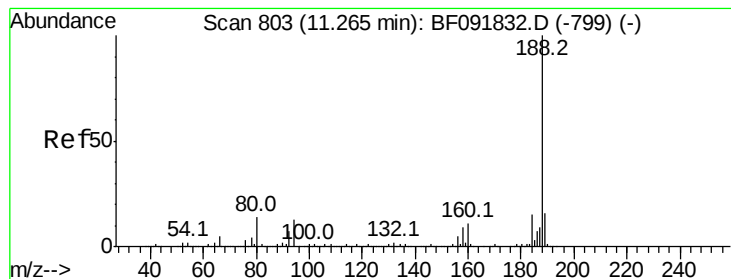
Tot Ion:330 Resp: 374778
 Ion Ratio Lower Upper
 330 100
 332 94.1 77.4 116.2
 141 33.3 34.1 51.1#



#44
 2-Fluorobiphenyl
 Concen: 135.29 ng
 RT: 8.90 min Scan# 622
 Delta R.T. -0.00 min
 Lab File: BF092397.D
 Acq: 21 Jan 2017 5:02

Tgt Ion:172 Resp: 1940102
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.4 44.0
 170 24.6 20.2 30.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.03 min Scan# 809

Delta R.T. -0.00 min

Lab File: BF092397.D

Acq: 21 Jan 2017 5:02

Instrument :

BNA_F

ClientSampled :

MW-23

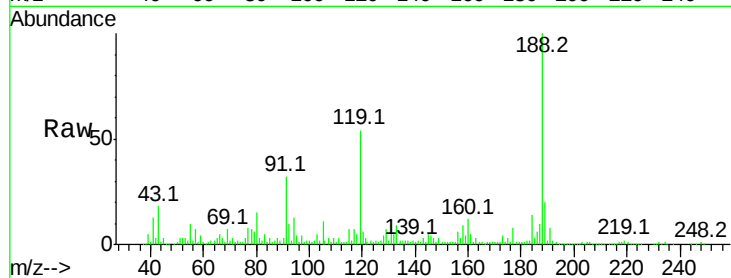
Tot Ion:188 Resp: 362661

Ion Ratio Lower Upper

188 100

94 13.4 10.0 15.0

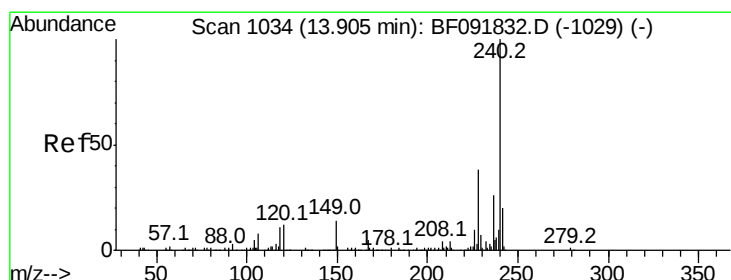
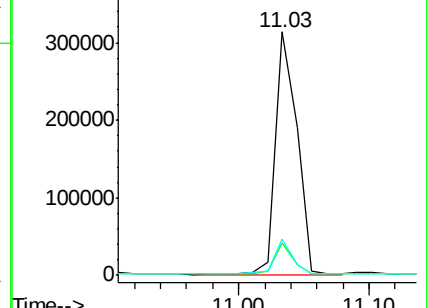
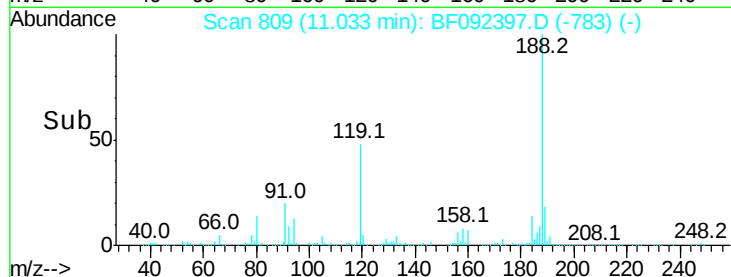
80 14.6 11.2 16.8



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: 13.67 min Scan# 1040

Delta R.T. 0.01 min

Lab File: BF092397.D

Acq: 21 Jan 2017 5:02

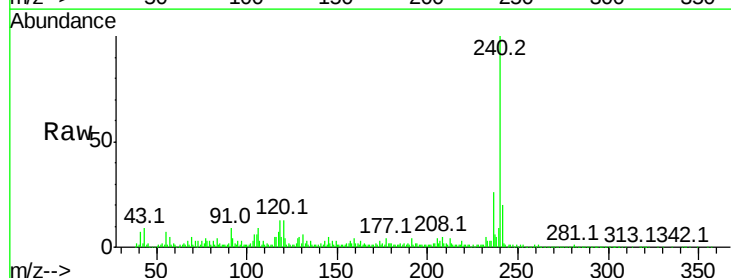
Tgt Ion:240 Resp: 288275

Ion Ratio Lower Upper

240 100

120 13.2 12.9 19.3

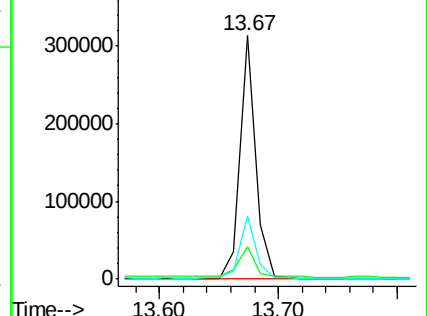
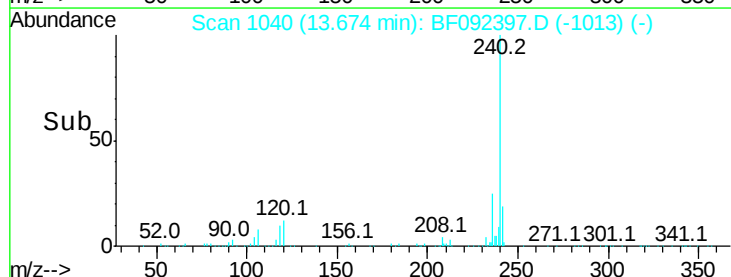
236 25.8 20.9 31.3

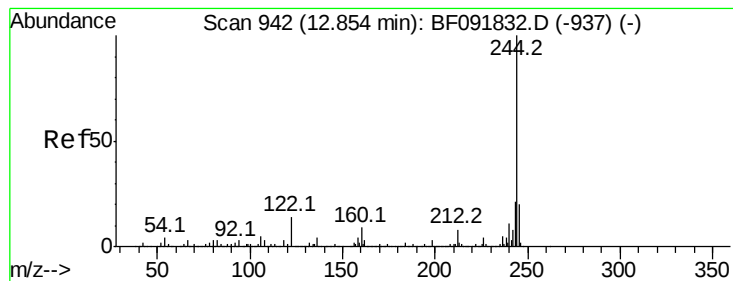


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 99.97 ng

RT: 12.63 min Scan# 949

Delta R.T. 0.01 min

Lab File: BF092397.D

Acq: 21 Jan 2017 5:02

Instrument :

BNA_F

ClientSampleId :

MW-23

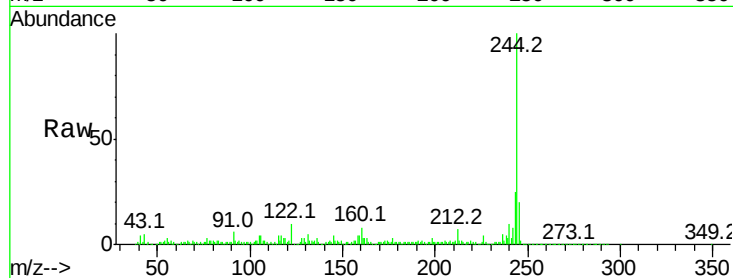
Tot Ion:244 Resp: 1188282

Ion Ratio Lower Upper

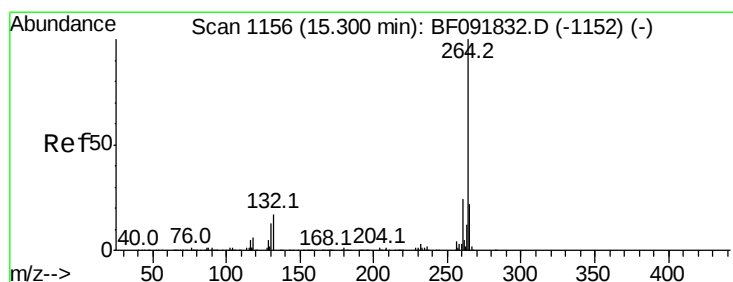
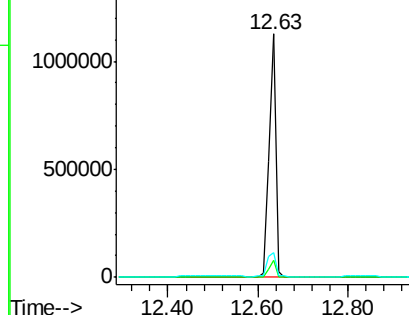
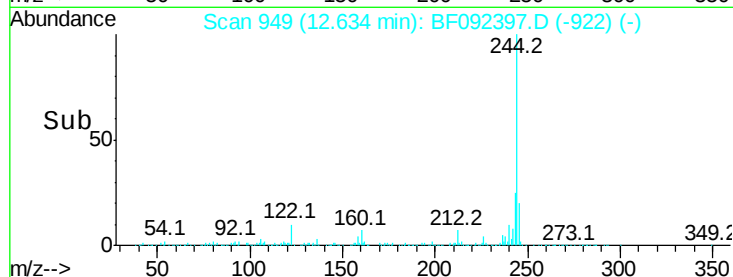
244 100

212 6.9 6.2 9.2

122 10.4 11.4 17.2#



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.02 min Scan# 1158

Delta R.T. 0.01 min

Lab File: BF092397.D

Acq: 21 Jan 2017 5:02

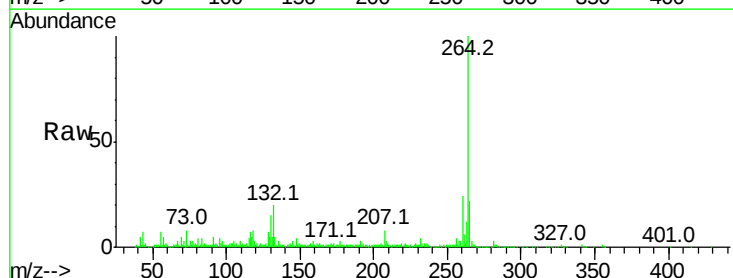
Tgt Ion:264 Resp: 216888

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 22.4 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

