

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013117\
 Data File : BF092698.D
 Acq On : 31 Jan 2017 23:08
 Operator : SJ/MA
 Sample : I1596-05
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-16

Quant Time: Feb 01 01:06:13 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 14:50:05 2017
 Response via : Initial Calibration

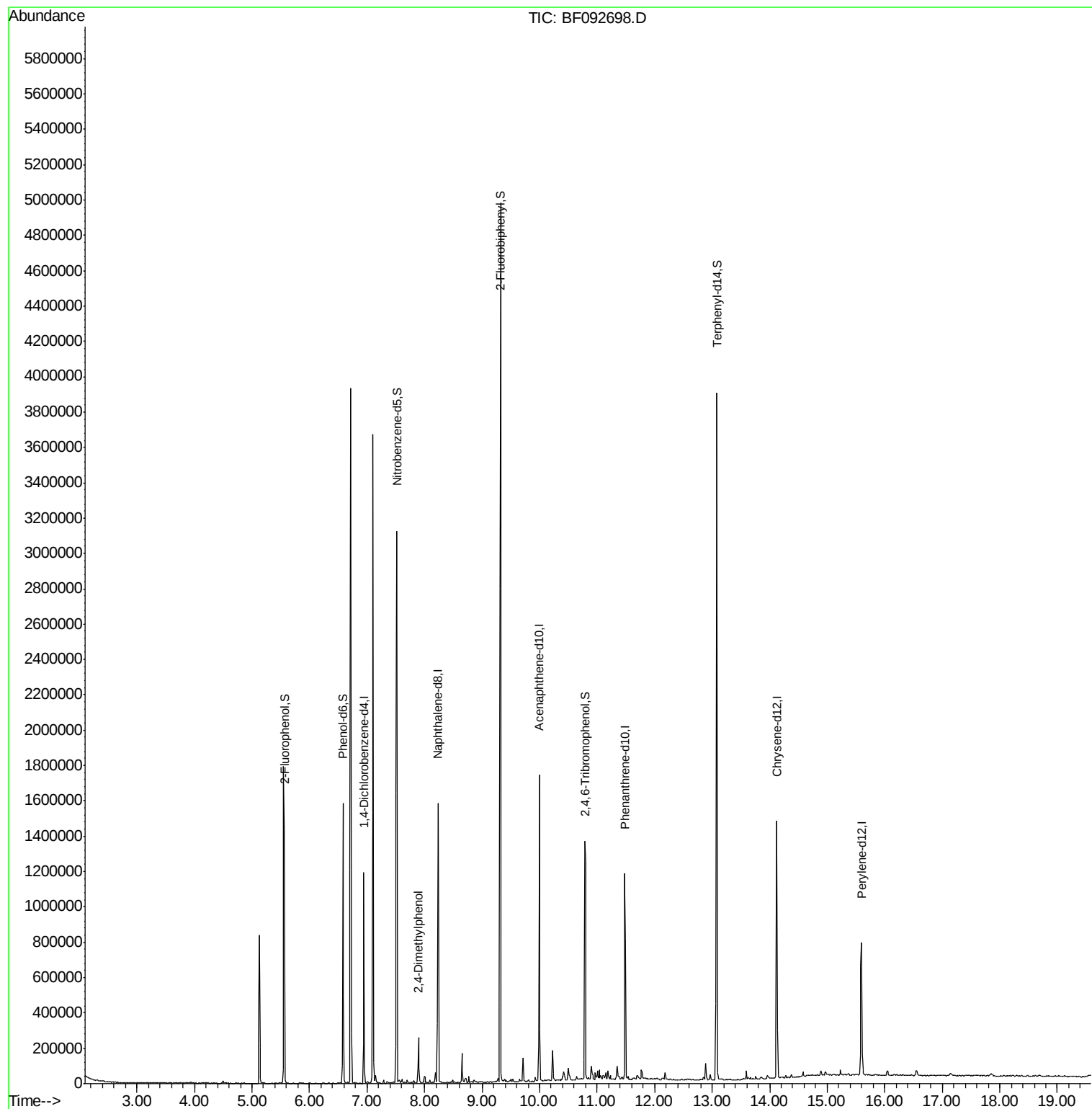
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	167381	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	663405	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	361646	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	554417	20.00	ng	-0.01
75) Chrysene-d12	14.12	240	477960	20.00	ng	-0.02
86) Perylene-d12	15.60	264	391926	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	655132	67.15	ng	-0.01
7) Phenol-d6	6.58	99	525083	41.83	ng	-0.02
23) Nitrobenzene-d5	7.52	82	1160891	97.45	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	228274	87.27	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	1913692	95.87	ng	-0.01
78) Terphenyl-d14	13.08	244	1728393	84.97	ng	0.00
Target Compounds						
27) 2,4-Dimethylphenol	7.89	122	56747	5.56	ng	Qvalue 92

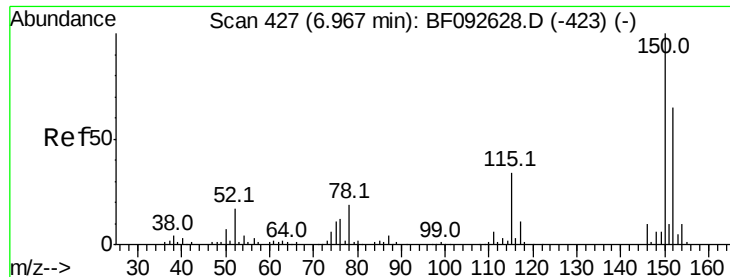
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.94 min Scan# 425

Delta R.T. -0.02 min

Lab File: BF092698.D

Acq: 31 Jan 2017 23:08

Instrument :

BNA_F

ClientSampleId :

MW-16

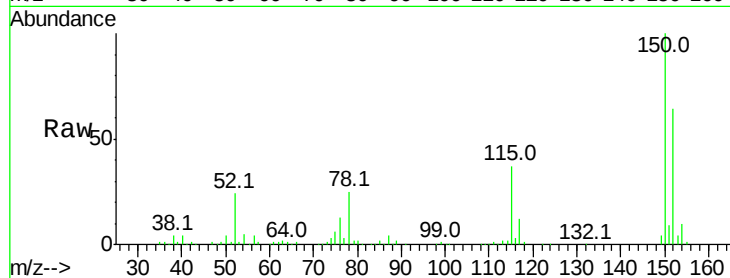
Tot Ion:152 Resp: 167381

Ion Ratio Lower Upper

152 100

150 156.5 124.9 187.3

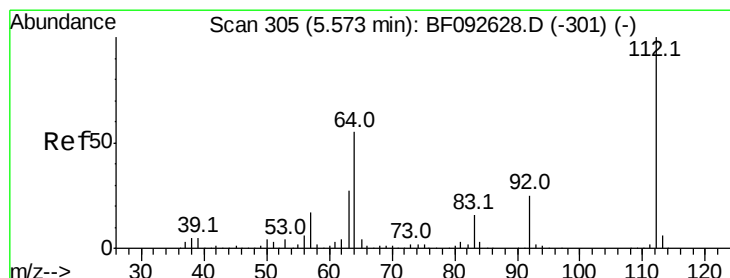
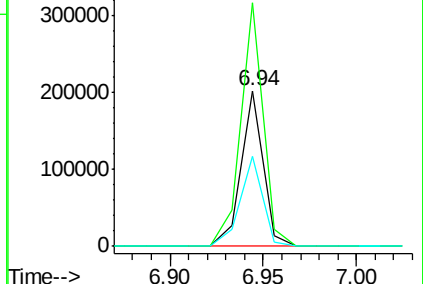
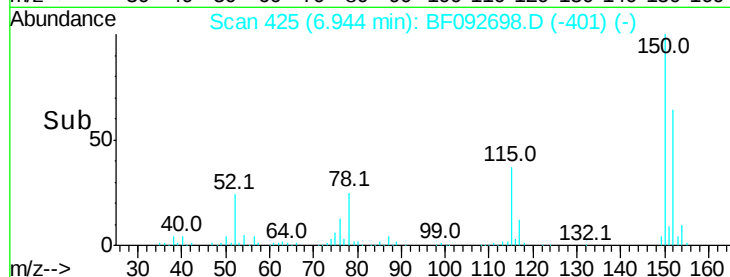
115 58.3 46.0 69.0



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: 67.15 ng

RT: 5.56 min Scan# 304

Delta R.T. -0.01 min

Lab File: BF092698.D

Acq: 31 Jan 2017 23:08

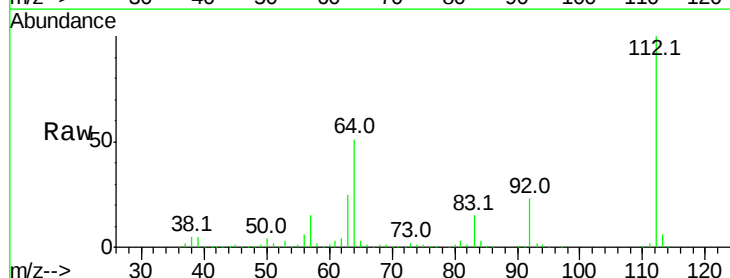
Tgt Ion:112 Resp: 655132

Ion Ratio Lower Upper

112 100

64 50.8 46.1 69.1

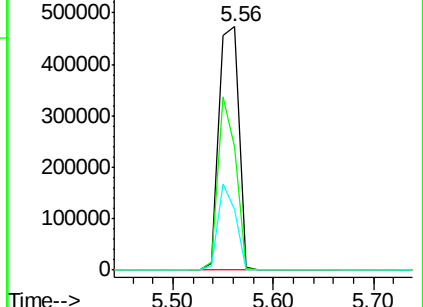
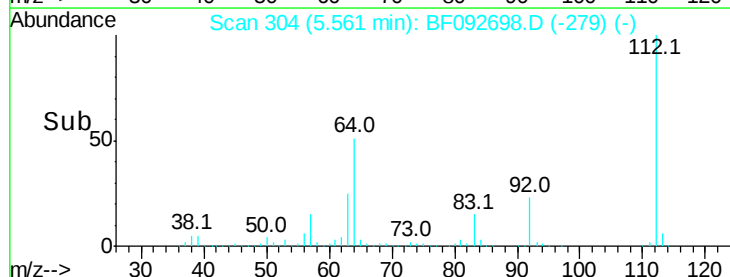
63 25.0 23.8 35.6



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: 41.83 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.02 min

Lab File: BF092698.D

Acq: 31 Jan 2017 23:08

Instrument :

BNA_F

ClientSampleId :

MW-16

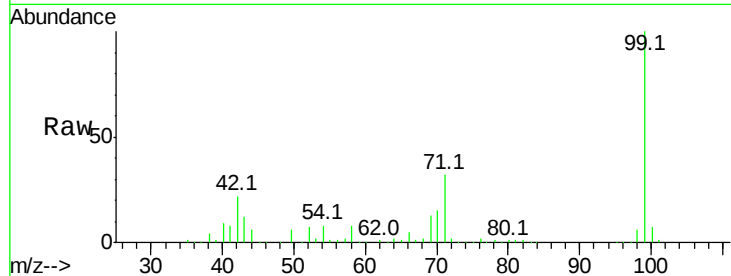
Tot Ion: 99 Resp: 525083

Ion Ratio Lower Upper

99 100

42 22.1 15.6 23.4

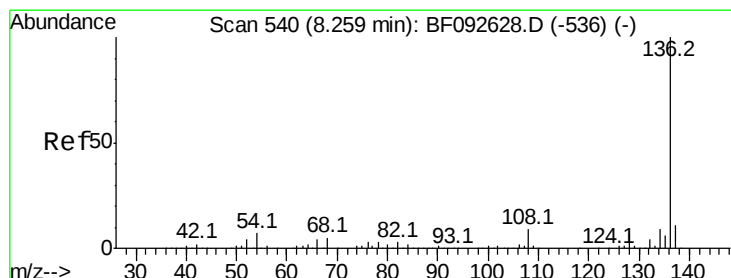
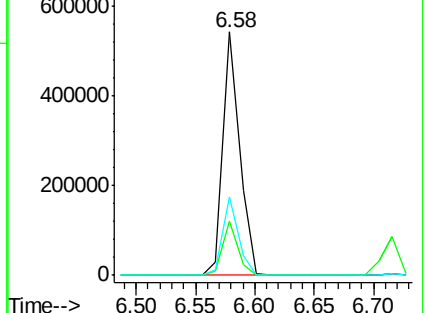
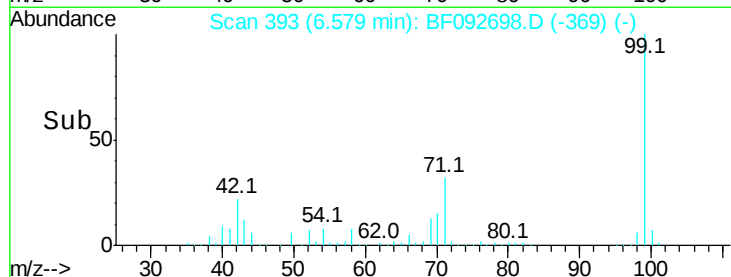
71 32.4 27.5 41.3



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: 8.24 min Scan# 538

Delta R.T. -0.02 min

Lab File: BF092698.D

Acq: 31 Jan 2017 23:08

Tgt Ion: 136 Resp: 663405

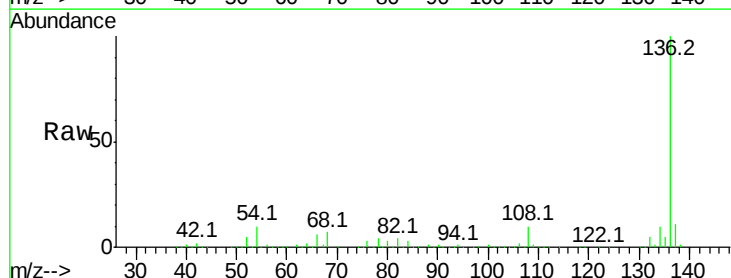
Ion Ratio Lower Upper

136 100

137 11.0 8.4 12.6

54 10.1 4.5 6.7#

68 7.2 3.6 5.4#

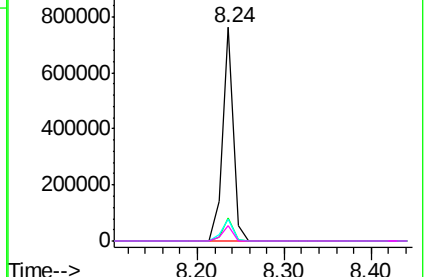
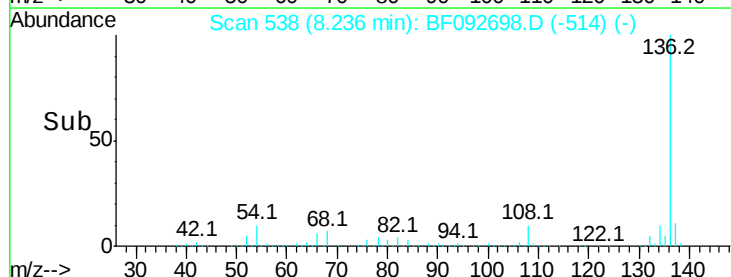


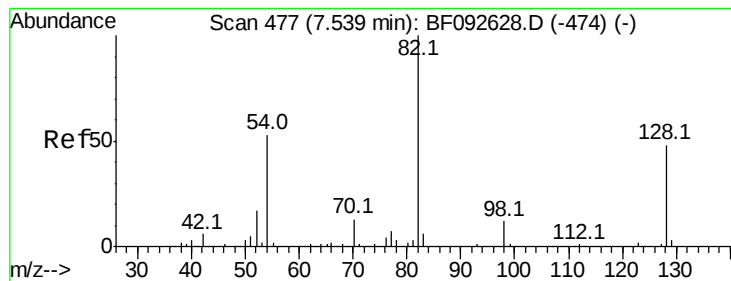
Abundance Ion 136.00 (135.70 to 136.70): E

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: 97.45 ng

RT: 7.52 min Scan# 475

Delta R.T. -0.02 min

Lab File: BF092698.D

Acq: 31 Jan 2017 23:08

Instrument :

BNA_F

ClientSampleId :

MW-16

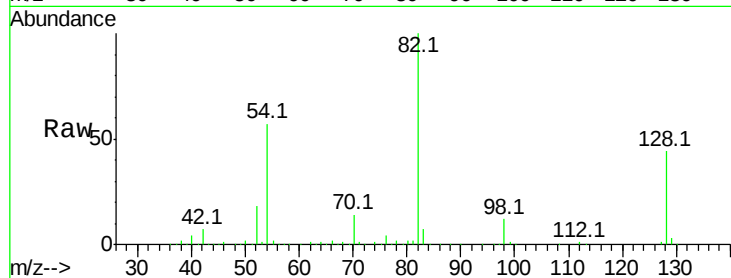
Tot Ion: 82 Resp: 1160891

Ion Ratio Lower Upper

82 100

128 44.0 34.6 52.0

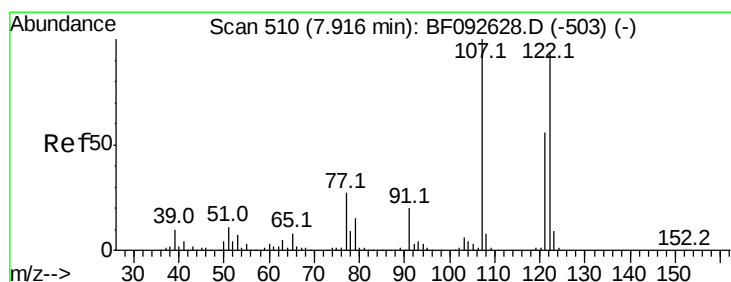
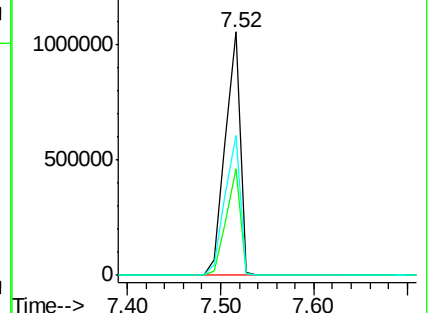
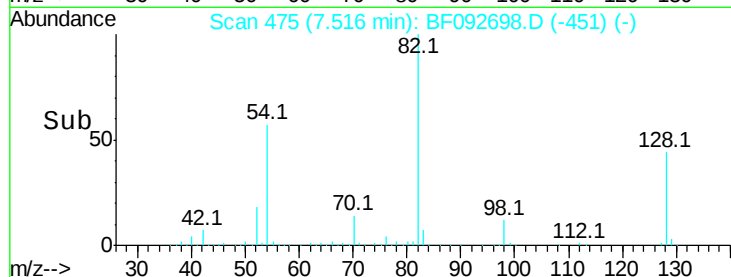
54 57.3 39.5 59.3



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



#27

2,4-Dimethylphenol

Concen: 5.56 ng

RT: 7.89 min Scan# 508

Delta R.T. -0.02 min

Lab File: BF092698.D

Acq: 31 Jan 2017 23:08

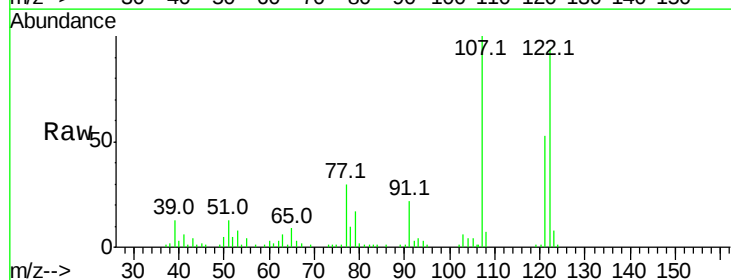
Tgt Ion:122 Resp: 56747

Ion Ratio Lower Upper

122 100

107 105.9 94.1 141.1

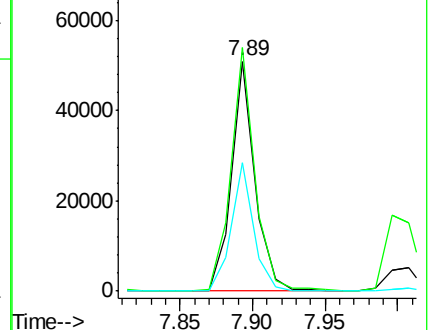
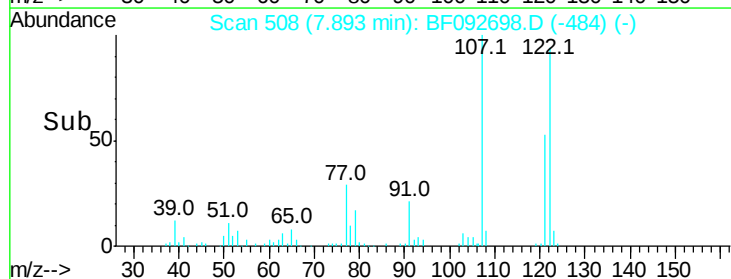
121 56.1 46.0 69.0

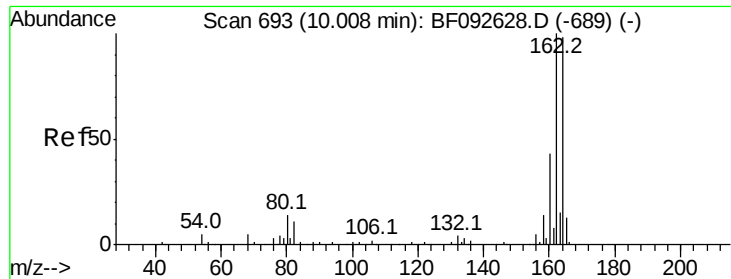


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

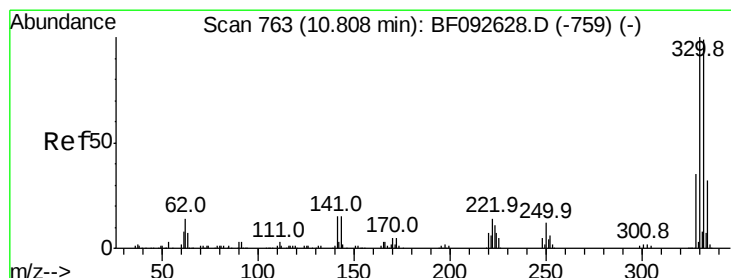
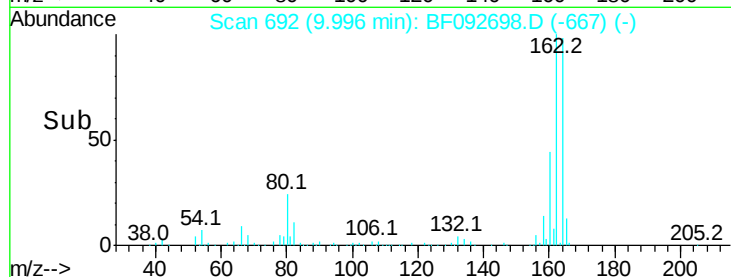
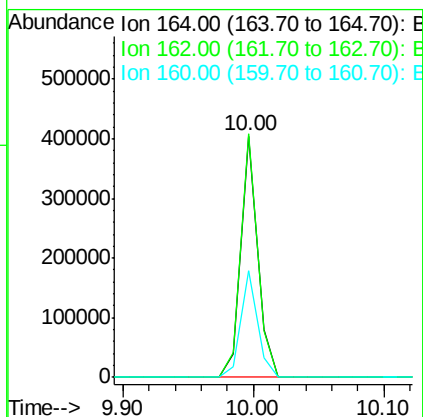
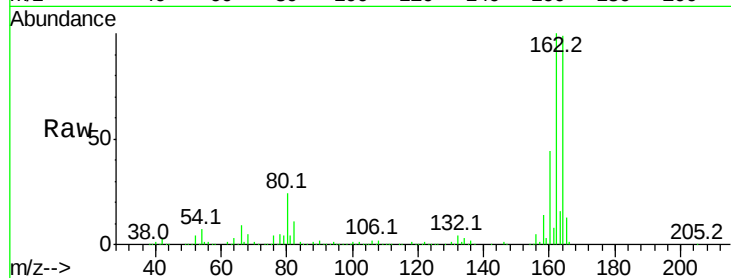




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.00 min Scan# 692
Delta R.T. -0.01 min
Lab File: BF092698.D
Acq: 31 Jan 2017 23:08

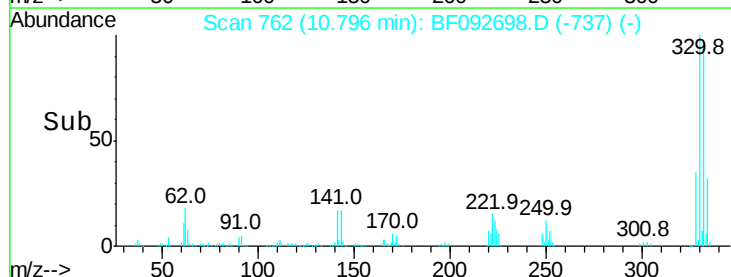
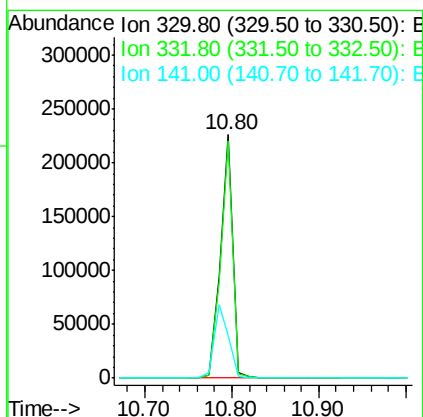
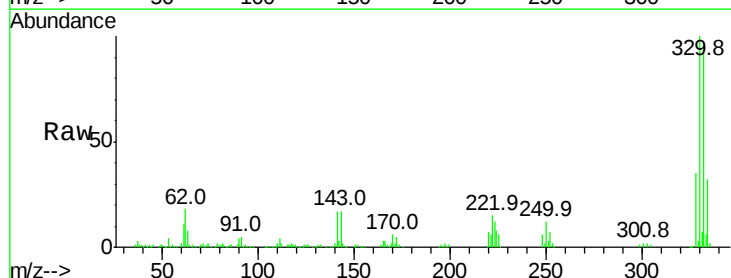
Instrument :
BNA_F
ClientSampleId :
MW-16

Tot Ion:164 Resp: 361646
Ion Ratio Lower Upper
164 100
162 100.9 80.2 120.2
160 44.2 36.9 55.3



#41
2,4,6-Tribromophenol
Concen: 87.27 ng
RT: 10.80 min Scan# 762
Delta R.T. -0.01 min
Lab File: BF092698.D
Acq: 31 Jan 2017 23:08

Tgt Ion:330 Resp: 228274
Ion Ratio Lower Upper
330 100
332 96.4 77.4 116.2
141 34.5 34.1 51.1



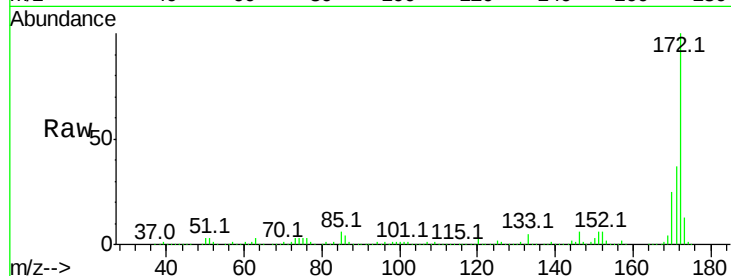


#44
 2-Fluorobiphenyl
 Concen: 95.87 ng
 RT: 9.32 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: BF092698.D
 Acq: 31 Jan 2017 23:08

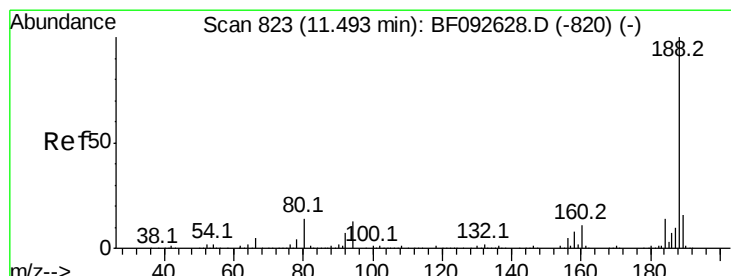
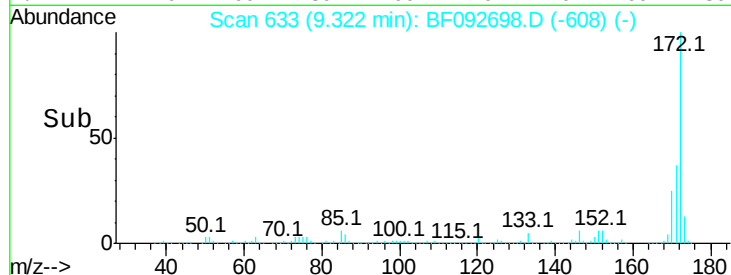
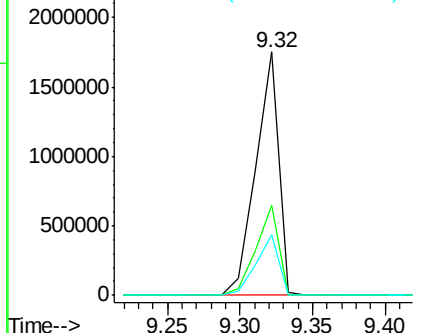
Instrument :
 BNA_F
 ClientSampleId :
 MW-16

Tot Ion:172 Resp: 1913692

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.4	44.0
170	24.8	20.2	30.4



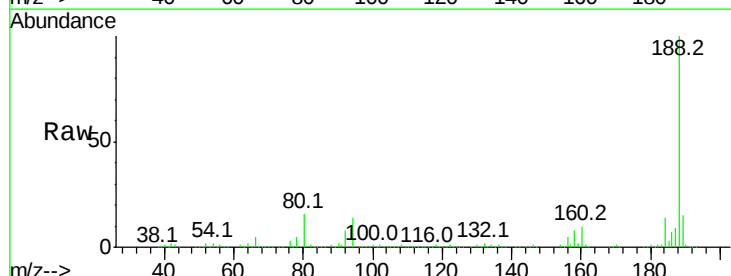
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



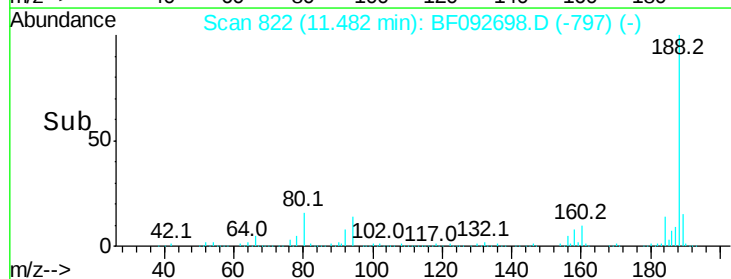
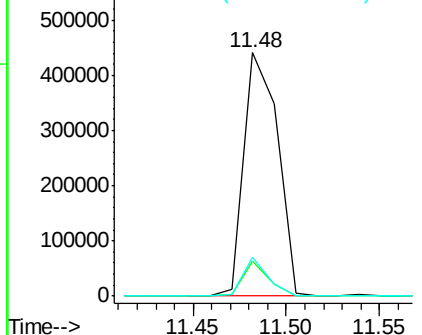
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.48 min Scan# 822
 Delta R.T. -0.01 min
 Lab File: BF092698.D
 Acq: 31 Jan 2017 23:08

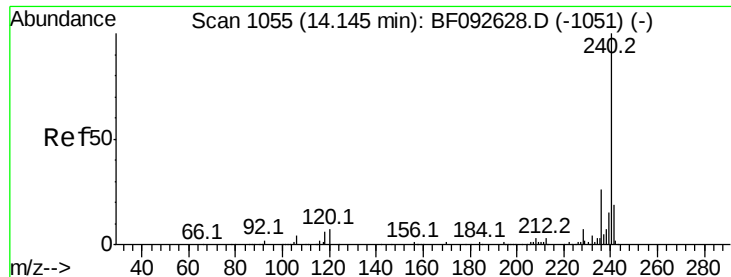
Tgt Ion:188 Resp: 554417

Ion	Ratio	Lower	Upper
188	100		
94	14.3	10.0	15.0
80	16.0	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: 14.12 min Scan# 1053

Delta R.T. -0.02 min

Lab File: BF092698.D

Acq: 31 Jan 2017 23:08

Instrument :

BNA_F

ClientSampleId :

MW-16

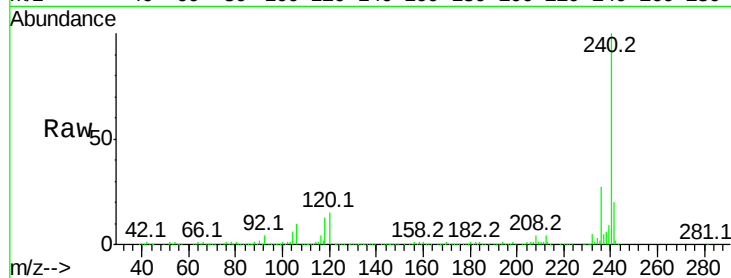
Tot Ion:240 Resp: 477960

Ion Ratio Lower Upper

240 100

120 14.5 12.9 19.3

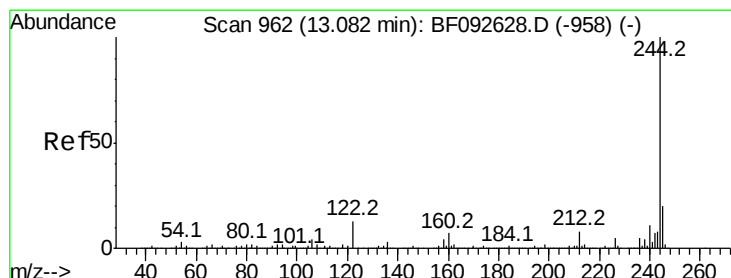
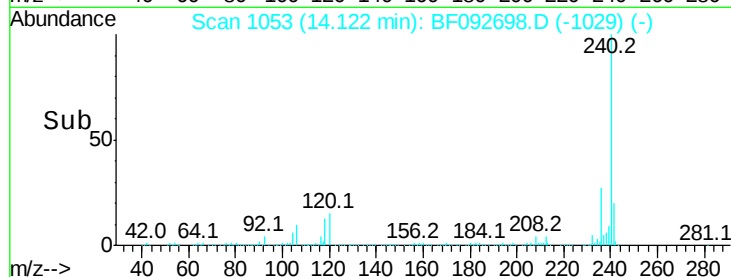
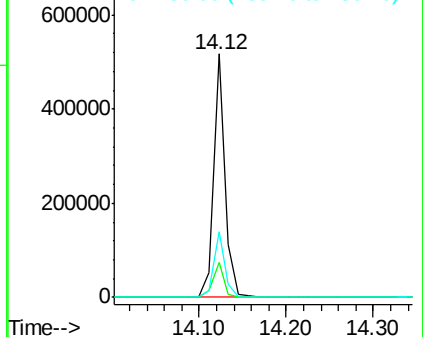
236 26.8 20.9 31.3



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: 84.97 ng

RT: 13.08 min Scan# 962

Delta R.T. -0.00 min

Lab File: BF092698.D

Acq: 31 Jan 2017 23:08

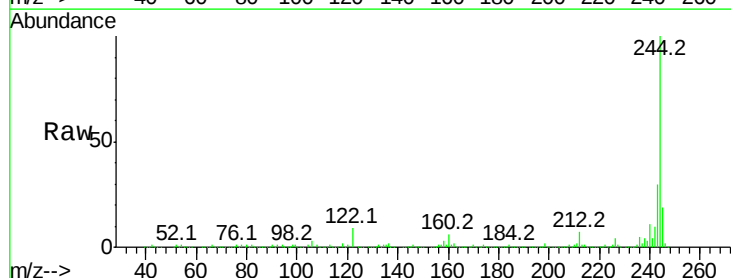
Tgt Ion:244 Resp: 1728393

Ion Ratio Lower Upper

244 100

212 7.1 6.2 9.2

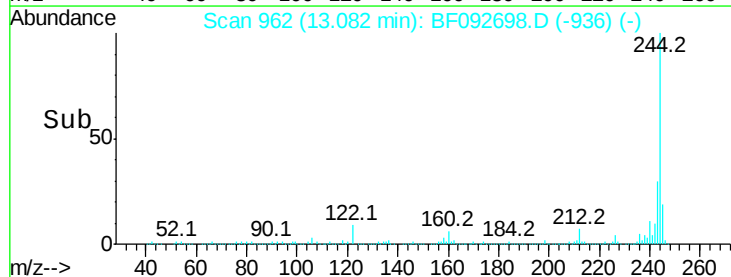
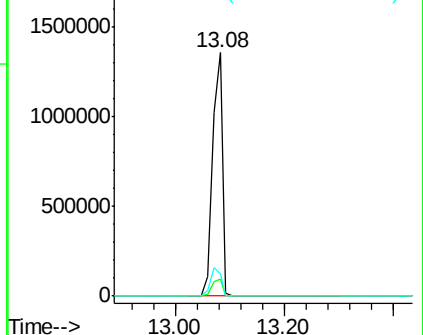
122 8.9 11.4 17.2#

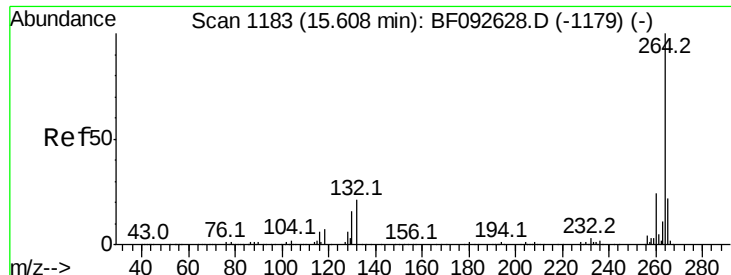


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



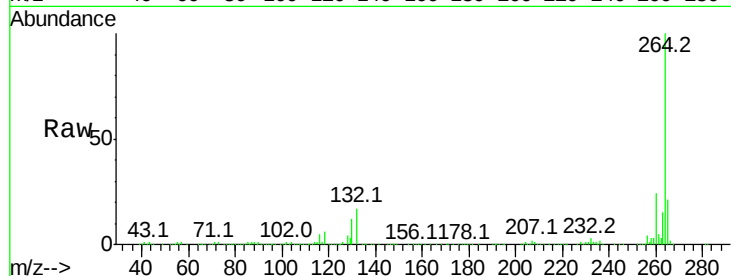


#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.60 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BF092698.D
Acq: 31 Jan 2017 23:08

Instrument :
BNA_F
ClientSampleId :
MW-16

Tot Ion:264 Resp: 391926

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.2	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

