

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020217\
 Data File : BF092767.D
 Acq On : 3 Feb 2017 9:20
 Operator : SJ/MA
 Sample : I1647-04
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-02

Quant Time: Feb 03 09:56:17 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	6.93	152	149566	20.00	ng	-0.03
21) Naphthalene-d8	8.22	136	560516	20.00	ng	-0.03
38) Acenaphthene-d10	9.98	164	294883	20.00	ng	-0.02
63) Phenanthrene-d10	11.46	188	473909	20.00	ng	-0.03
75) Chrysene-d12	14.10	240	367320	20.00	ng	-0.05
86) Perylene-d12	15.56	264	314225	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	599699	68.79	ng	-0.03
7) Phenol-d6	6.57	99	498675	44.46	ng	-0.03
23) Nitrobenzene-d5	7.50	82	896327	89.05	ng	-0.03
41) 2,4,6-Tribromophenol	10.77	330	269641	126.43	ng	-0.03
44) 2-Fluorobiphenyl	9.31	172	1557007	95.66	ng	-0.02
78) Terphenyl-d14	13.05	244	1108352	70.90	ng	-0.03

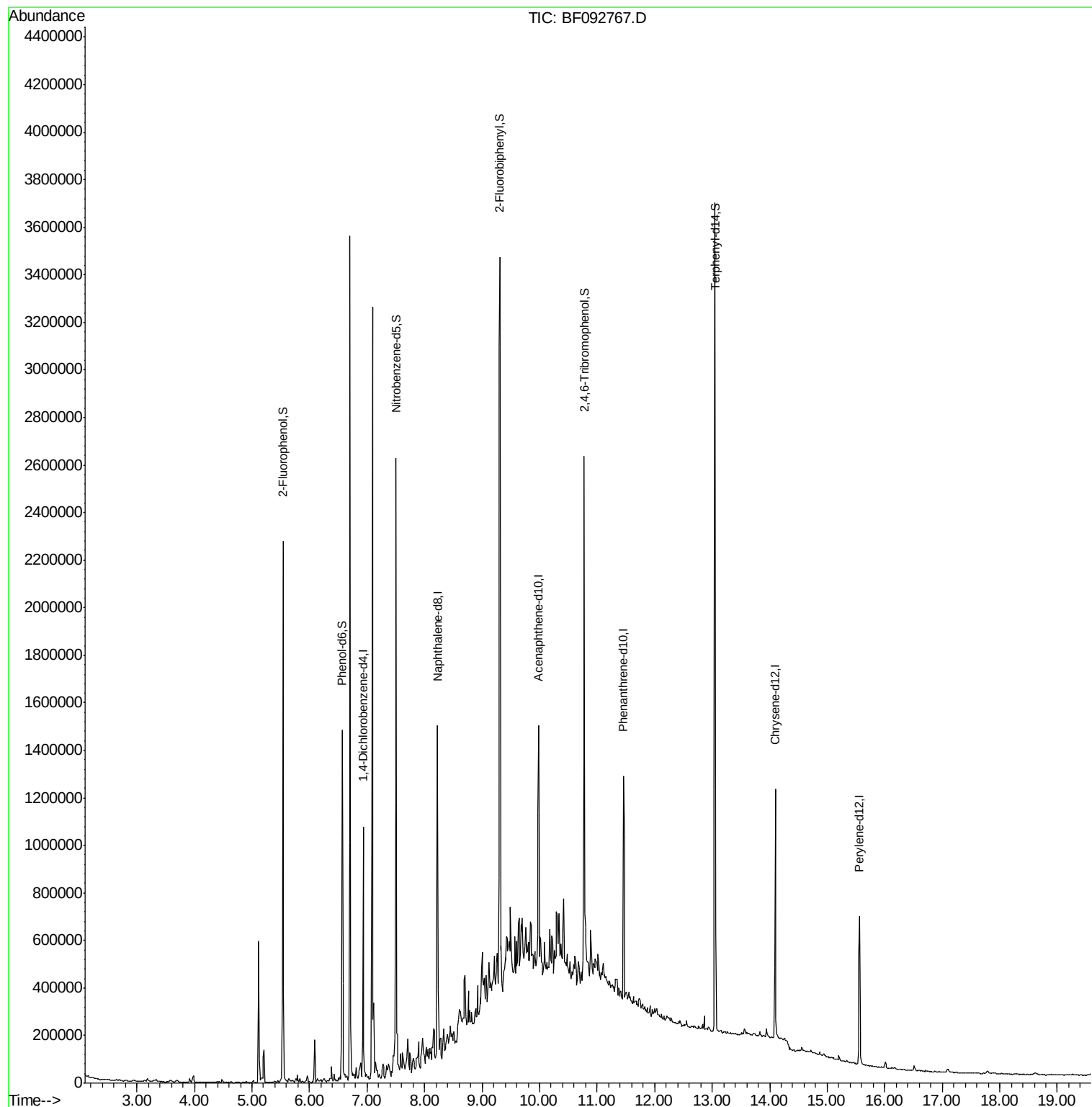
Target Compounds Qvalue

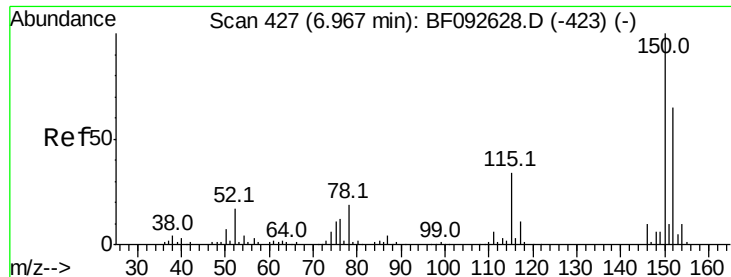
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.93 min Scan# 424

Delta R.T. -0.03 min

Lab File: BF092767.D

Acq: 3 Feb 2017 9:20

Instrument :

BNA_F

ClientSampleId :

MW-02

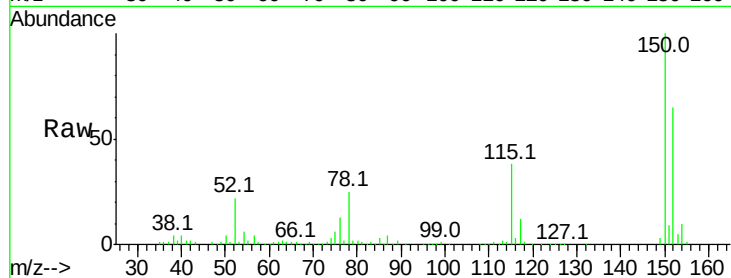
Tot Ion:152 Resp: 149566

Ion Ratio Lower Upper

152 100

150 152.8 124.9 187.3

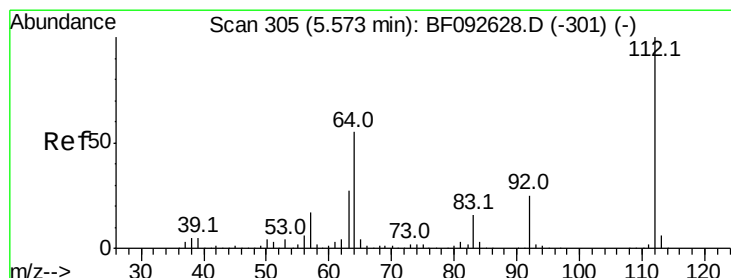
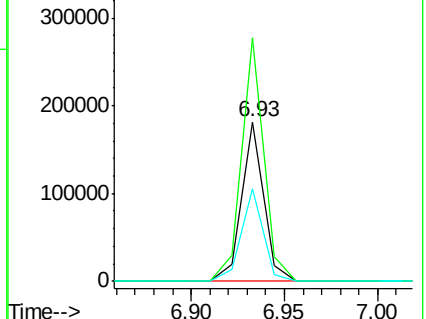
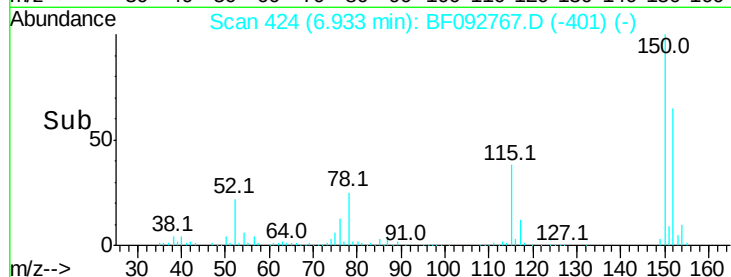
115 58.2 46.0 69.0



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: 68.79 ng

RT: 5.54 min Scan# 302

Delta R.T. -0.03 min

Lab File: BF092767.D

Acq: 3 Feb 2017 9:20

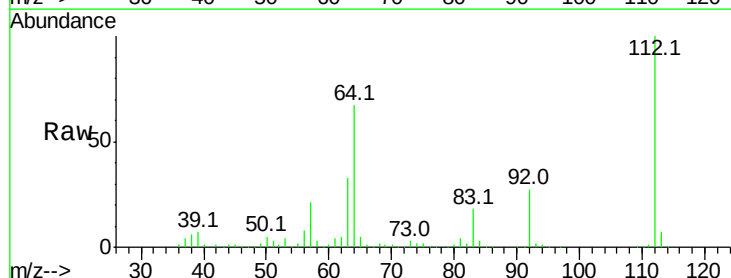
Tgt Ion:112 Resp: 599699

Ion Ratio Lower Upper

112 100

64 66.8 46.1 69.1

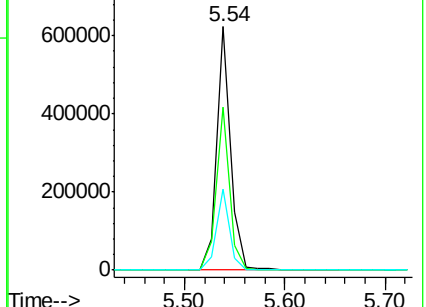
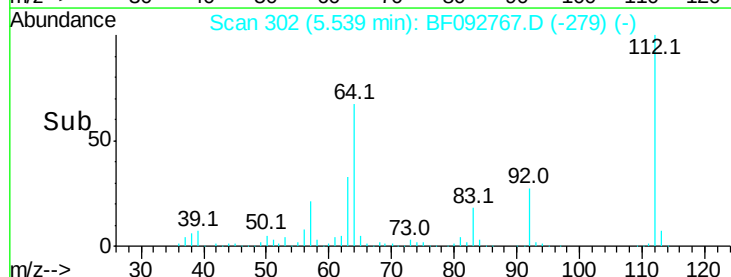
63 33.3 23.8 35.6

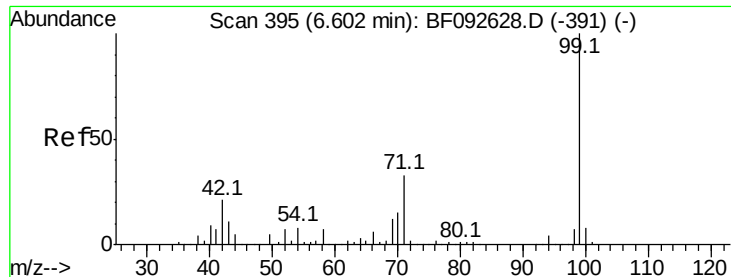


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 44.46 ng

RT: 6.57 min Scan# 392

Delta R.T. -0.03 min

Lab File: BF092767.D

Acq: 3 Feb 2017 9:20

Instrument :

BNA_F

ClientSampleId :

MW-02

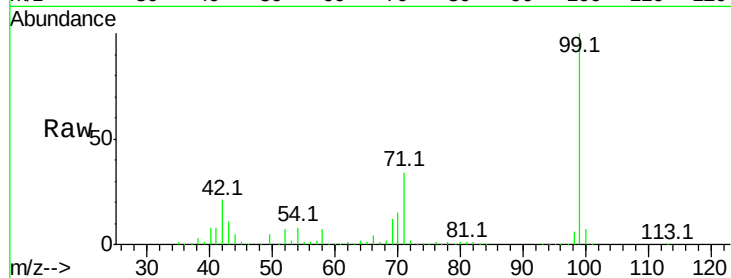
Tot Ion: 99 Resp: 498675

Ion Ratio Lower Upper

99 100

42 21.2 15.6 23.4

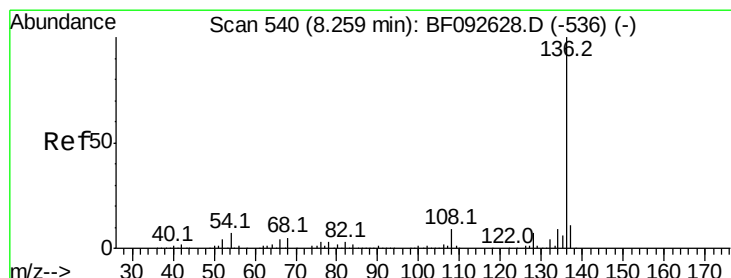
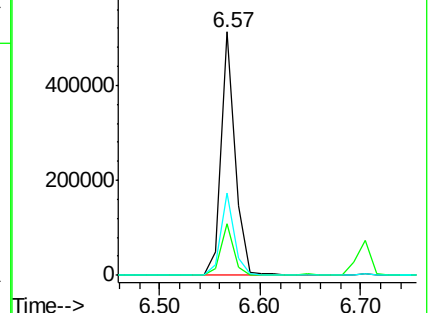
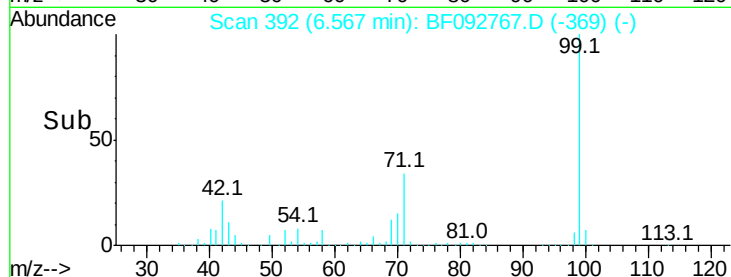
71 33.9 27.5 41.3



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: 8.22 min Scan# 537

Delta R.T. -0.03 min

Lab File: BF092767.D

Acq: 3 Feb 2017 9:20

Tgt Ion: 136 Resp: 560516

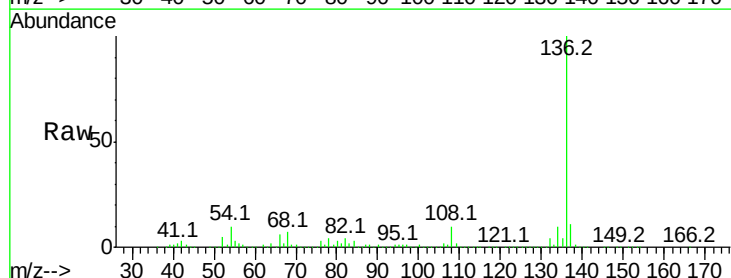
Ion Ratio Lower Upper

136 100

137 10.9 8.4 12.6

54 10.0 4.5 6.7#

68 7.3 3.6 5.4#

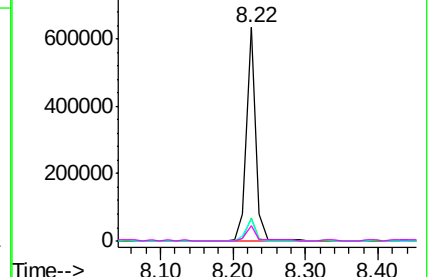
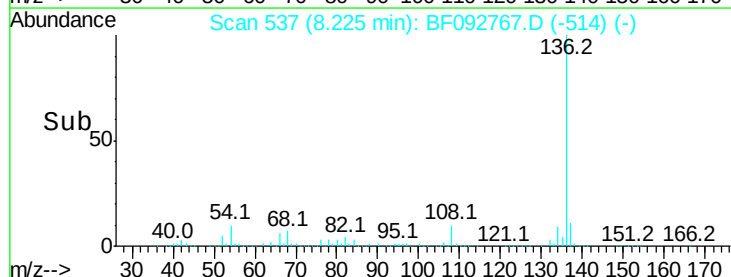


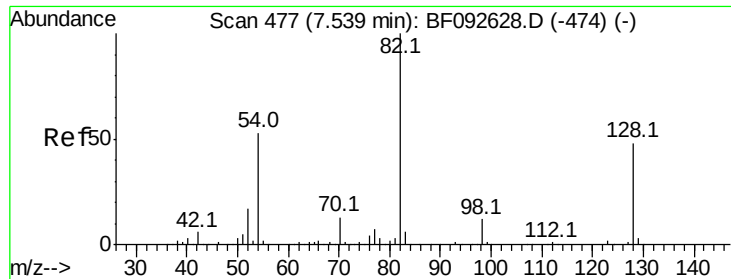
Abundance Ion 136.00 (135.70 to 136.70): E

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

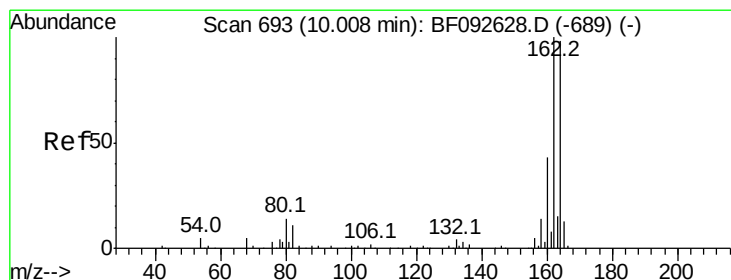
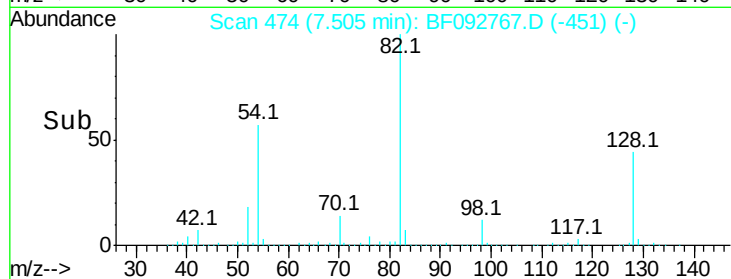
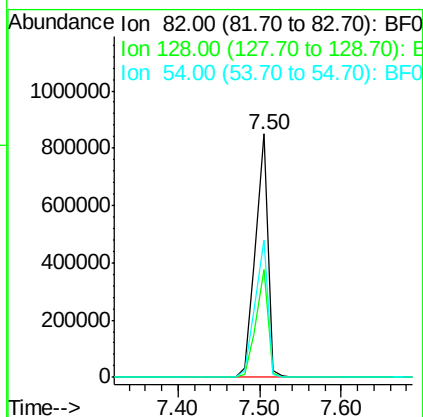
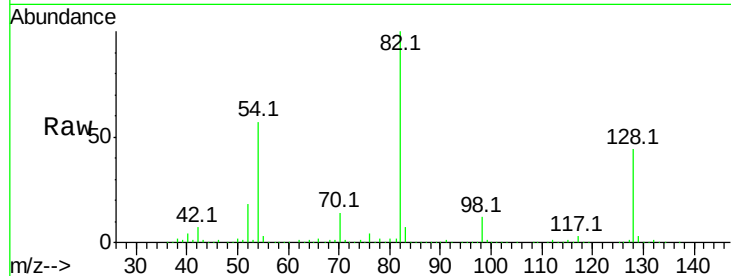




#23
 Nitrobenzene-d5
 Concen: 89.05 ng
 RT: 7.50 min Scan# 474
 Delta R.T. -0.03 min
 Lab File: BF092767.D
 Acq: 3 Feb 2017 9:20

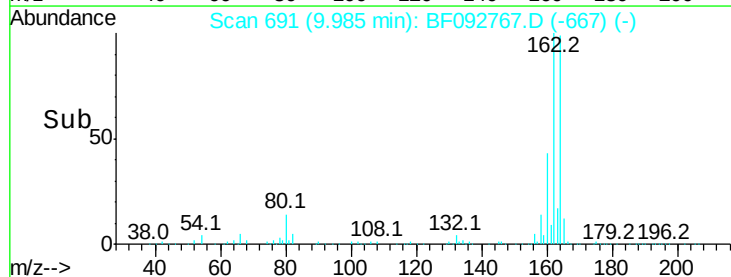
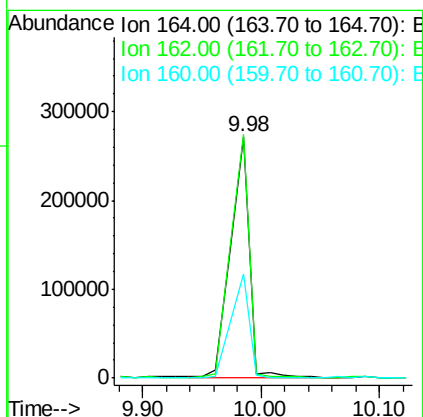
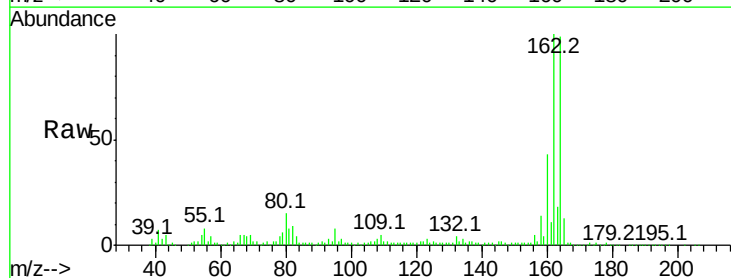
Instrument :
 BNA_F
 ClientSampleId :
 MW-02

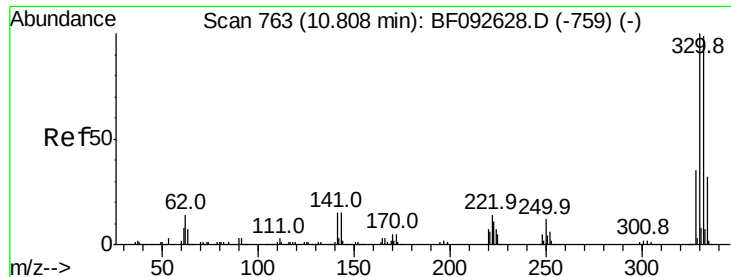
Tot Ion:	82	Resp:	896327
Ion Ratio	Lower	Upper	
82	100		
128	44.4	34.6	52.0
54	56.6	39.5	59.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.98 min Scan# 691
 Delta R.T. -0.02 min
 Lab File: BF092767.D
 Acq: 3 Feb 2017 9:20

Tgt Ion:	164	Resp:	294883
Ion Ratio	Lower	Upper	
164	100		
162	100.8	80.2	120.2
160	43.3	36.9	55.3

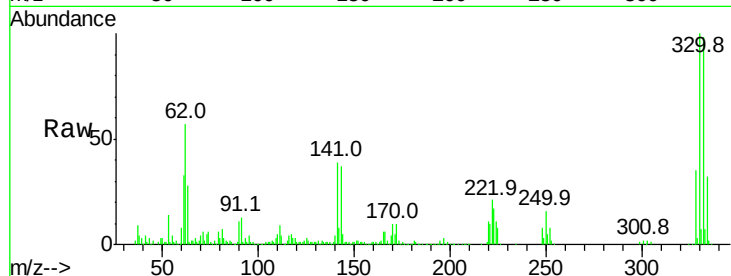




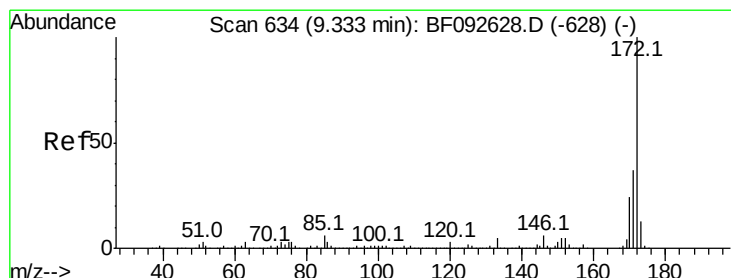
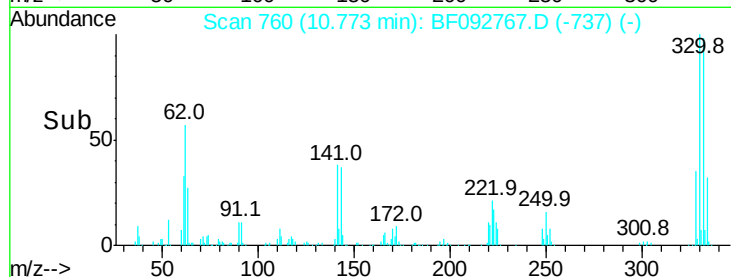
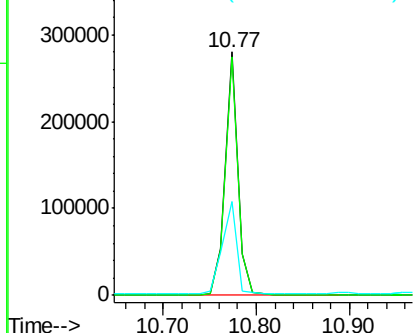
#41
 2,4,6-Tribromophenol
 Concen: 126.43 ng
 RT: 10.77 min Scan# 760
 Delta R.T. -0.03 min
 Lab File: BF092767.D
 Acq: 3 Feb 2017 9:20

Instrument :
 BNA_F
 ClientSampleId :
 MW-02

Tot Ion:330 Resp: 269641
 Ion Ratio Lower Upper
 330 100
 332 97.8 77.4 116.2
 141 43.2 34.1 51.1

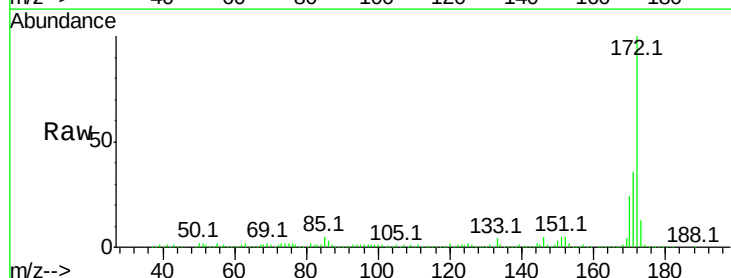


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

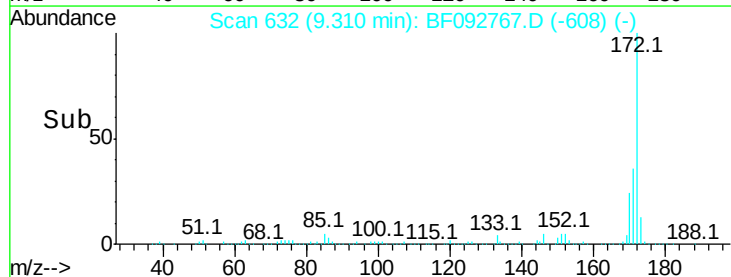
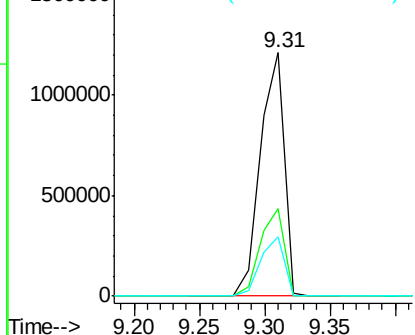


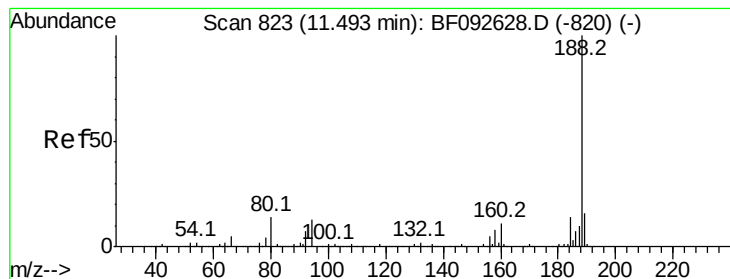
#44
 2-Fluorobiphenyl
 Concen: 95.66 ng
 RT: 9.31 min Scan# 632
 Delta R.T. -0.02 min
 Lab File: BF092767.D
 Acq: 3 Feb 2017 9:20

Tgt Ion:172 Resp: 1557007
 Ion Ratio Lower Upper
 172 100
 171 36.0 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: 11.46 min Scan# 820

Delta R.T. -0.03 min

Lab File: BF092767.D

Acq: 3 Feb 2017 9:20

Instrument :

BNA_F

ClientSampleId :

MW-02

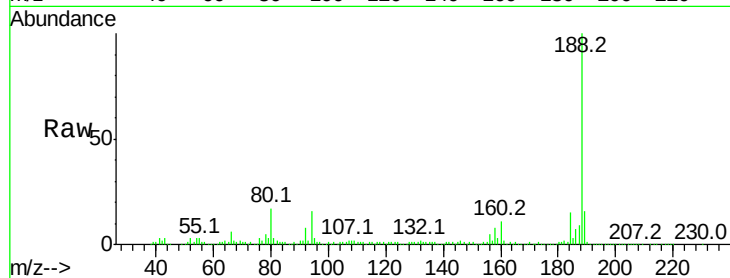
Tot Ion:188 Resp: 473909

Ion Ratio Lower Upper

188 100

94 16.0 10.0 15.0#

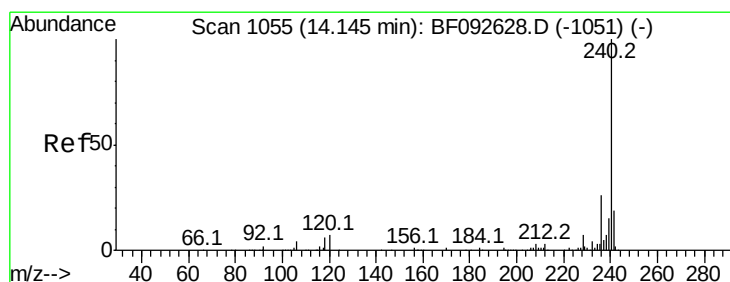
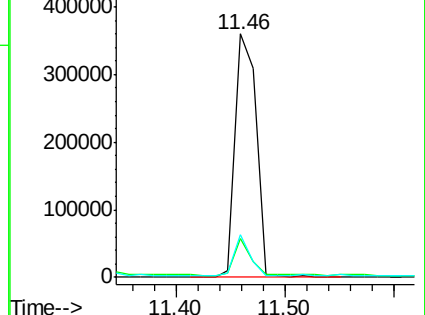
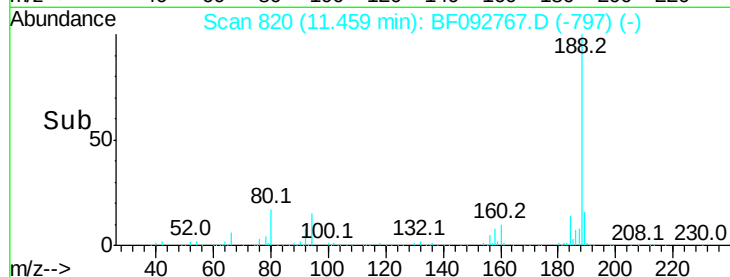
80 17.4 11.2 16.8#



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: 14.10 min Scan# 1051

Delta R.T. -0.05 min

Lab File: BF092767.D

Acq: 3 Feb 2017 9:20

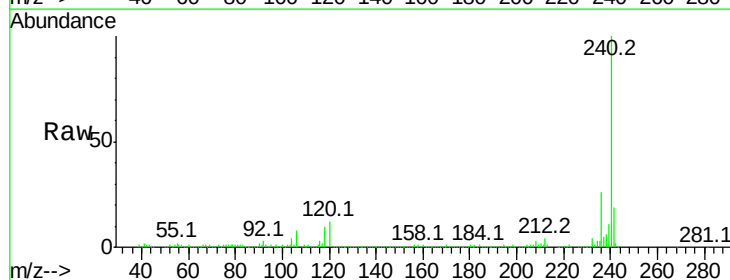
Tgt Ion:240 Resp: 367320

Ion Ratio Lower Upper

240 100

120 11.6 12.9 19.3#

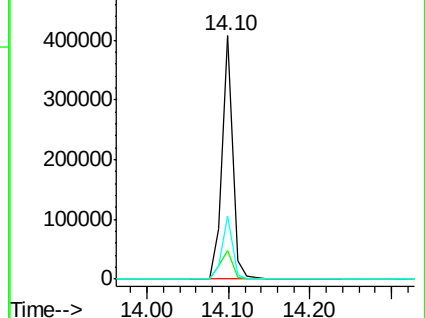
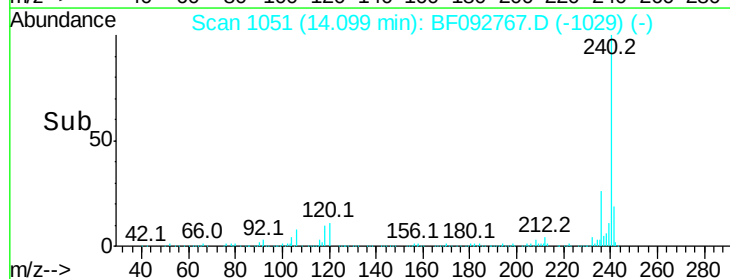
236 25.7 20.9 31.3

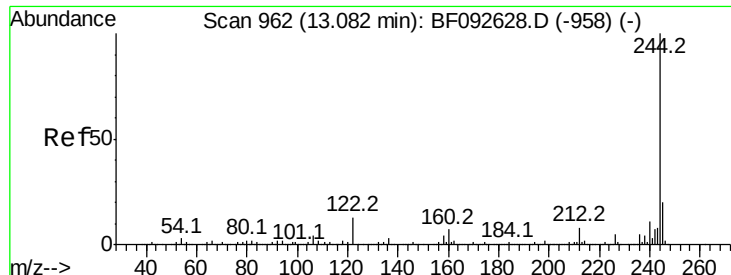


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 70.90 ng

RT: 13.05 min Scan# 959

Delta R.T. -0.03 min

Lab File: BF092767.D

Acq: 3 Feb 2017 9:20

Instrument :

BNA_F

ClientSampleId :

MW-02

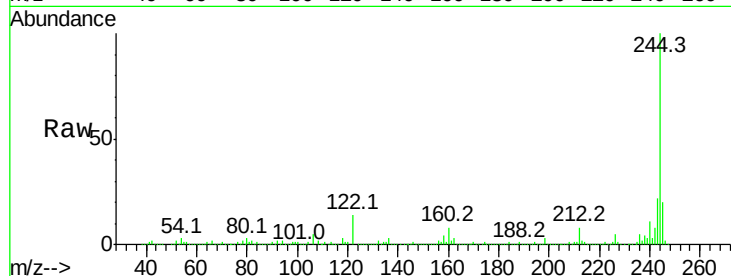
Tot Ion:244 Resp: 1108352

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

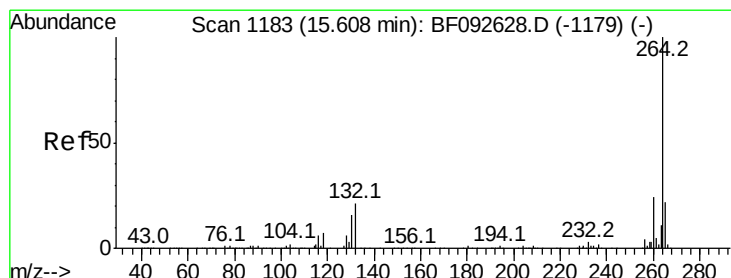
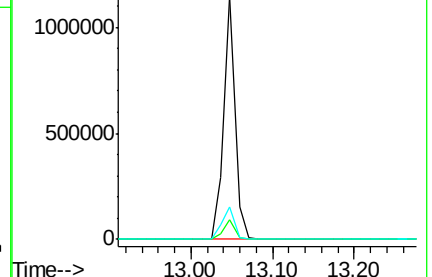
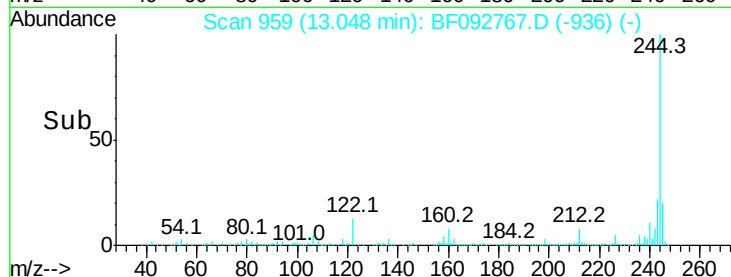
122 13.5 11.4 17.2



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: 15.56 min Scan# 1179

Delta R.T. -0.05 min

Lab File: BF092767.D

Acq: 3 Feb 2017 9:20

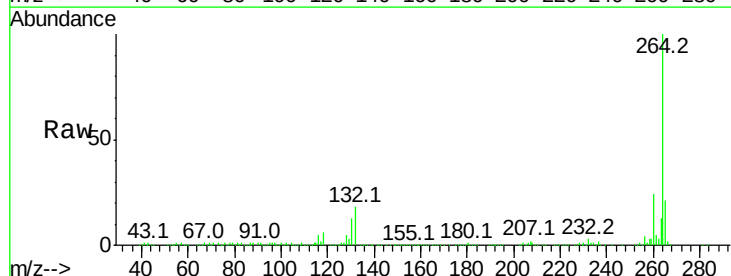
Tgt Ion:264 Resp: 314225

Ion Ratio Lower Upper

264 100

260 24.0 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

