

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021017\
 Data File : BF092912.D
 Acq On : 11 Feb 2017 7:53
 Operator : SJ/MA
 Sample : I1767-01
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 020817-PRRT-F-D-M

Quant Time: Feb 13 03:18:28 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

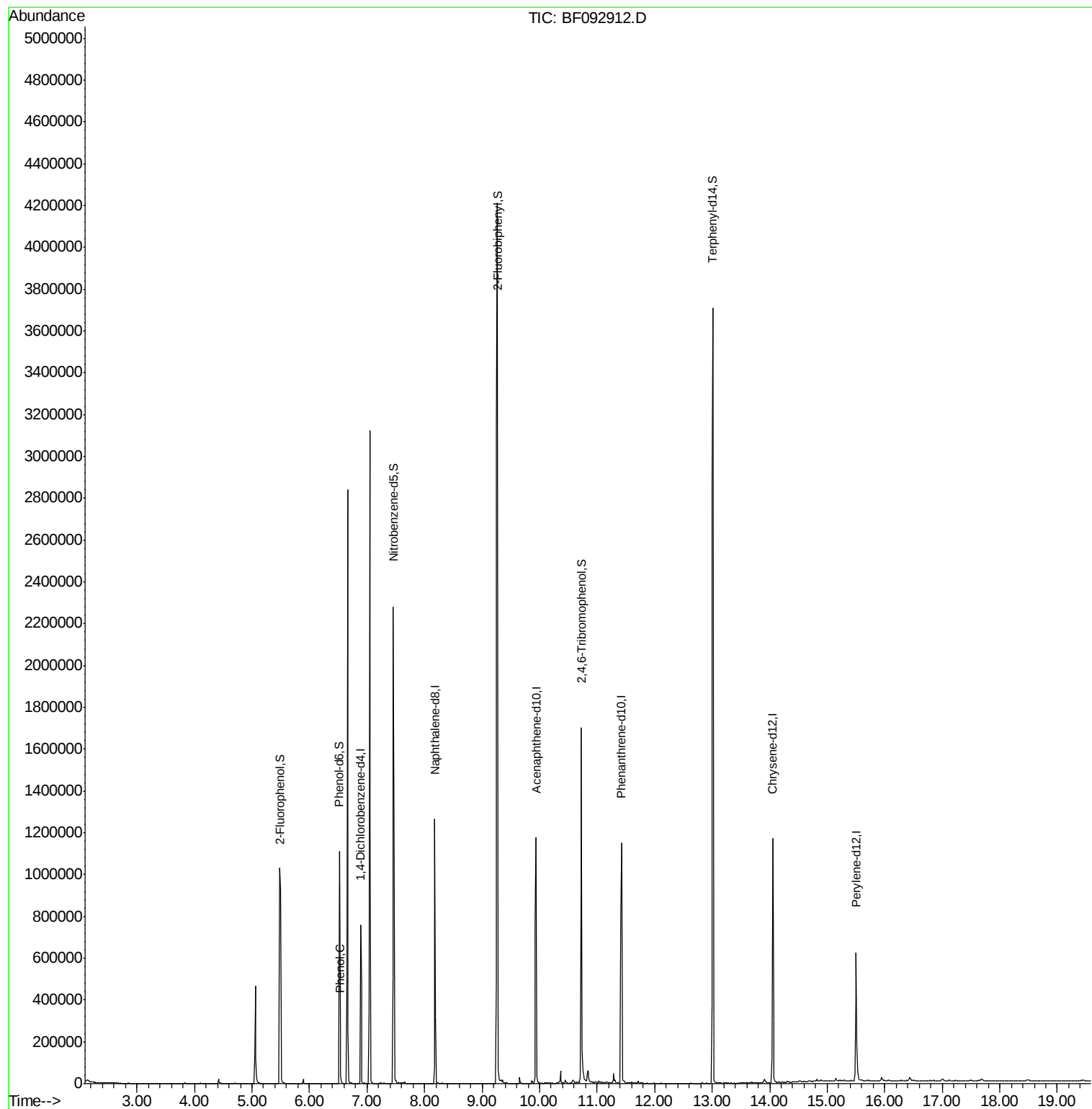
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	141172	20.00	ng	-0.08
21) Naphthalene-d8	8.18	136	576971	20.00	ng	-0.08
38) Acenaphthene-d10	9.94	164	338329	20.00	ng	-0.07
63) Phenanthrene-d10	11.42	188	572784	20.00	ng	-0.07
75) Chrysene-d12	14.05	240	407007	20.00	ng	-0.09
86) Perylene-d12	15.51	264	312600	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	404011	49.10	ng	-0.08
7) Phenol-d6	6.52	99	329682	31.14	ng	-0.08
23) Nitrobenzene-d5	7.46	82	963902	93.03	ng	-0.08
41) 2,4,6-Tribromophenol	10.73	330	243493	99.51	ng	-0.08
44) 2-Fluorobiphenyl	9.26	172	1916281	102.61	ng	-0.07
78) Terphenyl-d14	13.01	244	1617369	93.37	ng	-0.07
Target Compounds						
10) Phenol	6.53	94	30296	2.45	ng	Qvalue # 77

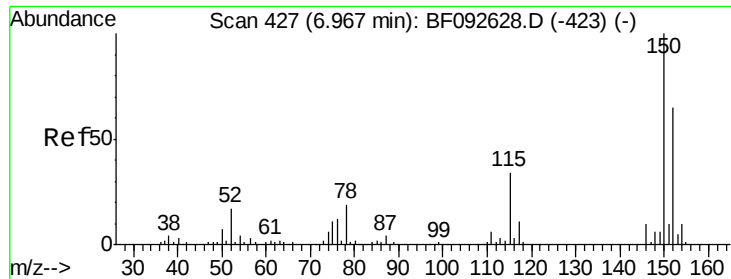
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.08 min

Lab File: BF092912.D

Acq: 11 Feb 2017 7:53

Instrument :

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020817-PRRT-F-D-M

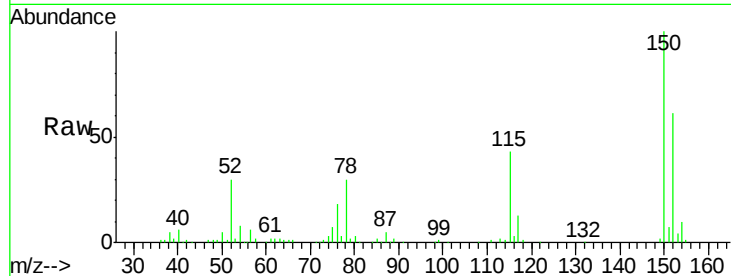
Tgt Ion:152 Resp: 141172

Ion Ratio Lower Upper

152 100

150 162.7 124.9 187.3

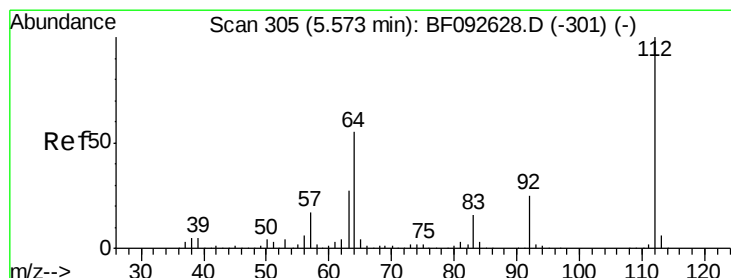
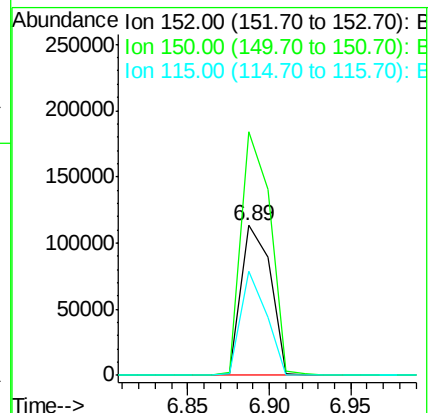
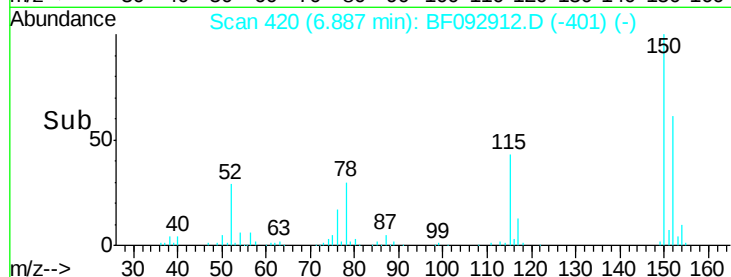
115 69.8 46.0 69.0#



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: 49.10 ng

RT: 5.49 min Scan# 298

Delta R.T. -0.08 min

Lab File: BF092912.D

Acq: 11 Feb 2017 7:53

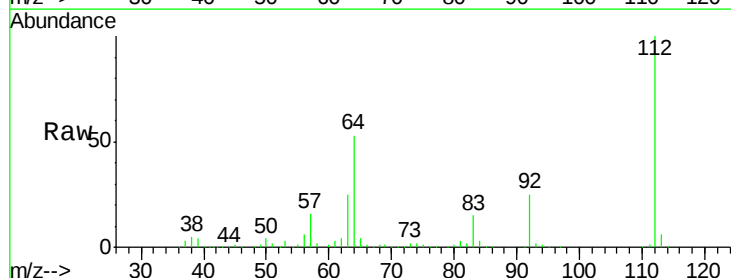
Tgt Ion:112 Resp: 404011

Ion Ratio Lower Upper

112 100

64 52.6 46.1 69.1

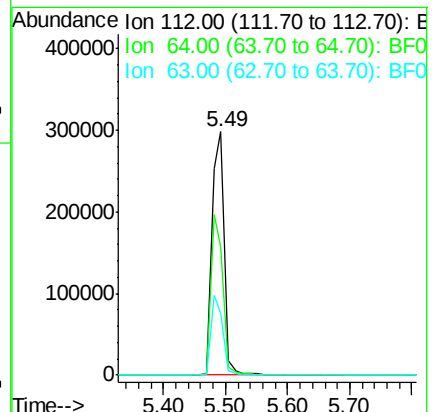
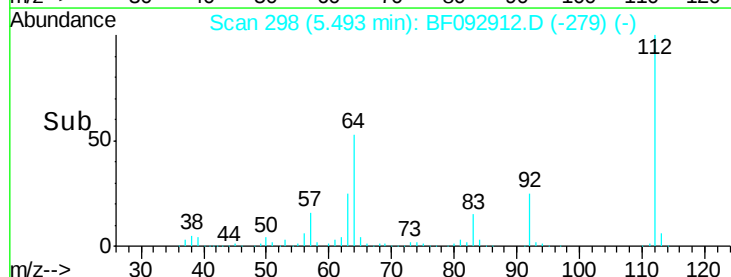
63 25.2 23.8 35.6



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: 31.14 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.08 min

Lab File: BF092912.D

Acq: 11 Feb 2017 7:53

Instrument :

BNA_F

ClientSampleId :

020817-PRRT-F-D-M

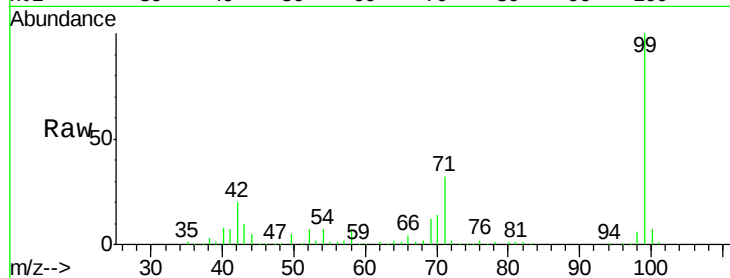
Tgt Ion: 99 Resp: 329682

Ion Ratio Lower Upper

99 100

42 19.8 15.6 23.4

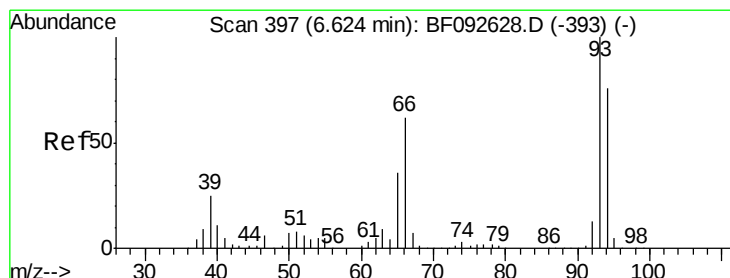
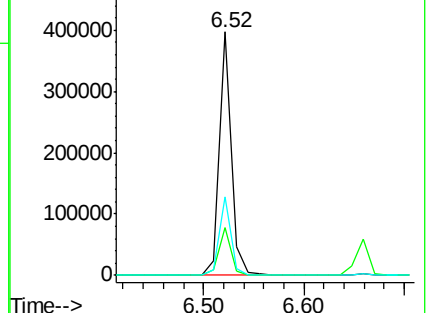
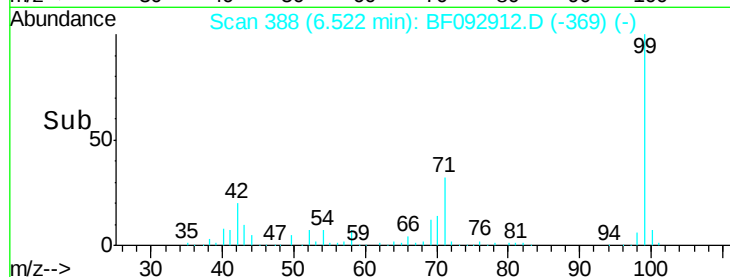
71 32.1 27.5 41.3



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



#10

Phenol

Concen: 2.45 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.09 min

Lab File: BF092912.D

Acq: 11 Feb 2017 7:53

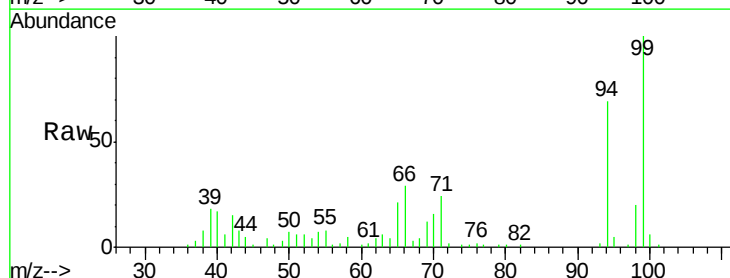
Tgt Ion: 94 Resp: 30296

Ion Ratio Lower Upper

94 100

65 30.5 21.4 61.4

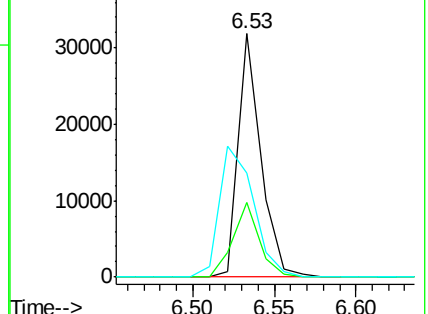
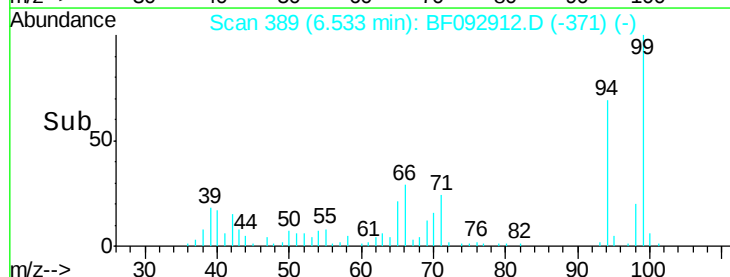
66 42.8 44.0 84.0#



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

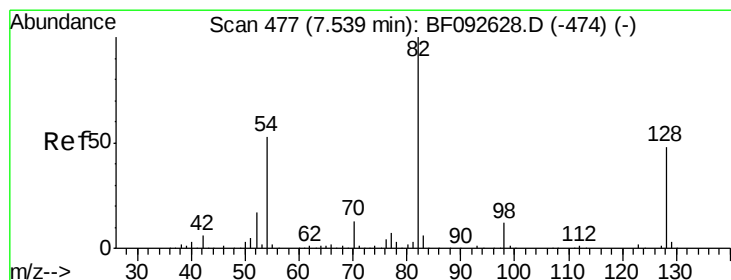
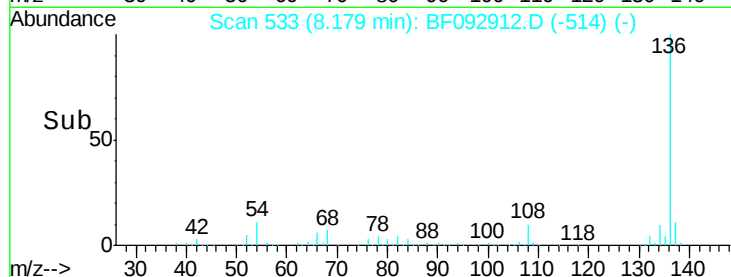
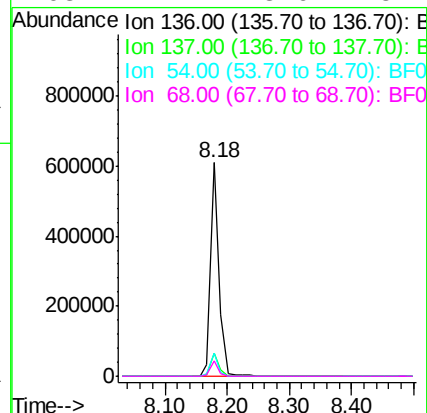
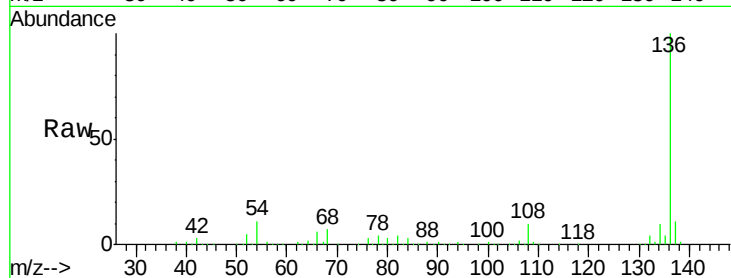




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.08 min
Lab File: BF092912.D
Acq: 11 Feb 2017 7:53

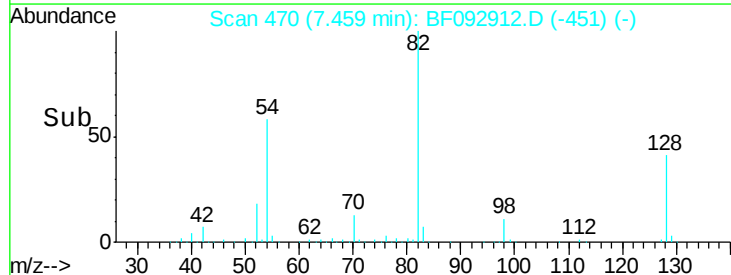
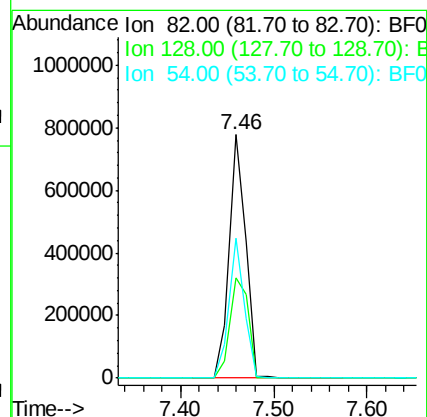
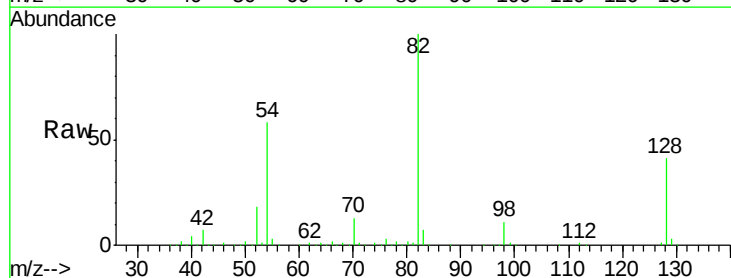
Instrument :
BNA_F
ClientSampleId :
020817-PRRT-F-D-M

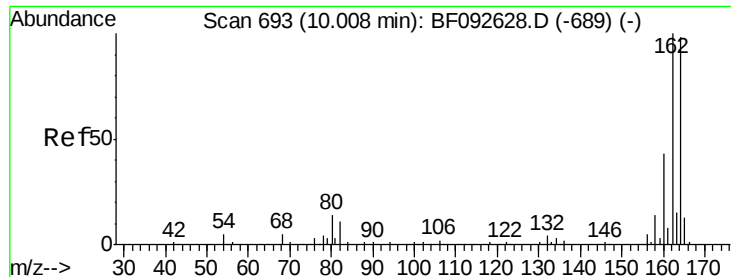
Tgt Ion:	136	Resp:	576971
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.4	12.6
54	11.0	4.5	6.7#
68	7.4	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 93.03 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.08 min
Lab File: BF092912.D
Acq: 11 Feb 2017 7:53

Tgt Ion:	82	Resp:	963902
Ion	Ratio	Lower	Upper
82	100		
128	41.1	34.6	52.0
54	57.7	39.5	59.3

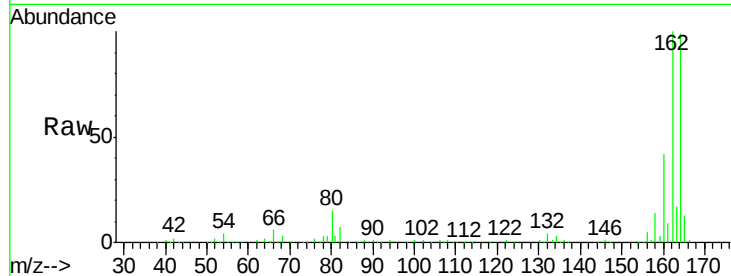




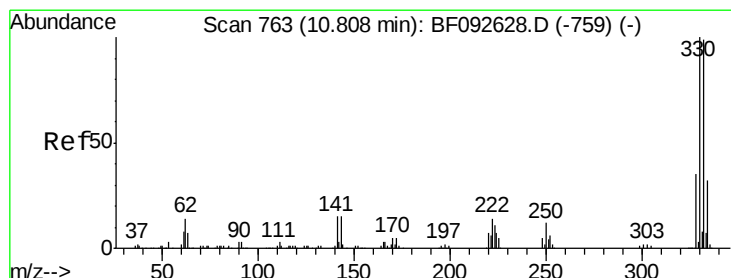
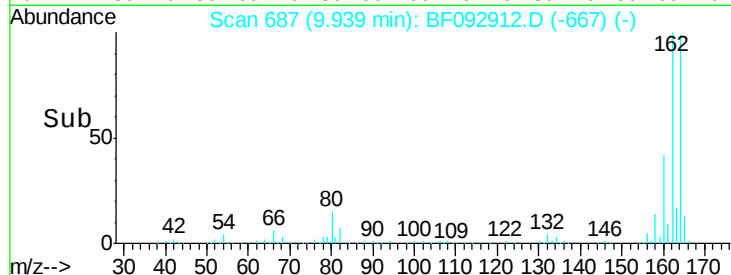
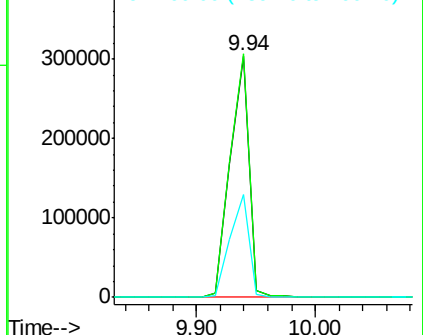
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.07 min
Lab File: BF092912.D
Acq: 11 Feb 2017 7:53

Instrument :
BNA_F
ClientSampleId :
020817-PRRT-F-D-M

Tgt Ion:164 Resp: 338329
Ion Ratio Lower Upper
164 100
162 100.8 80.2 120.2
160 42.6 36.9 55.3

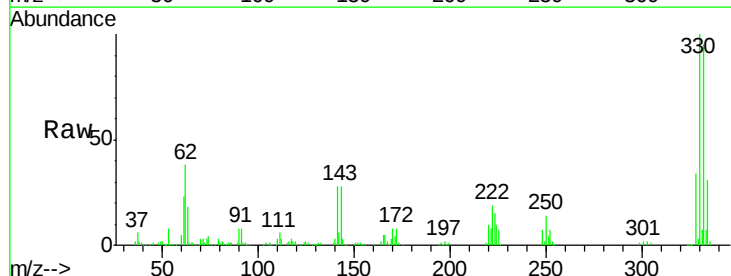


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

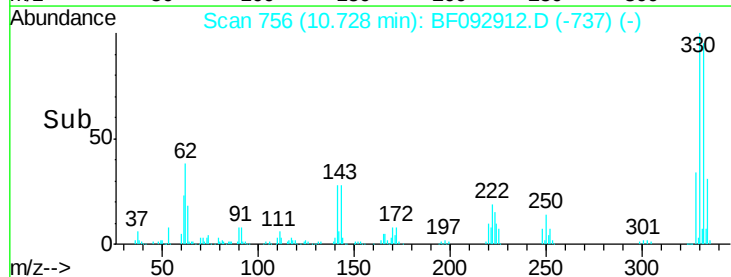
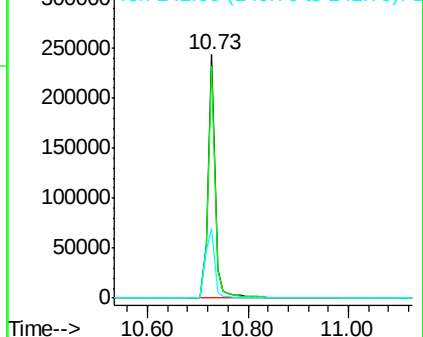


#41
2,4,6-Tribromophenol
Concen: 99.51 ng
RT: 10.73 min Scan# 756
Delta R.T. -0.08 min
Lab File: BF092912.D
Acq: 11 Feb 2017 7:53

Tgt Ion:330 Resp: 243493
Ion Ratio Lower Upper
330 100
332 96.1 77.4 116.2
141 36.4 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

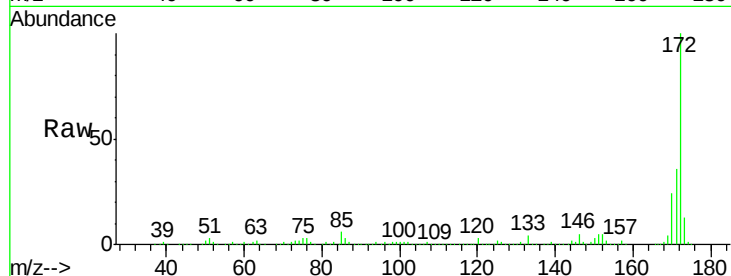




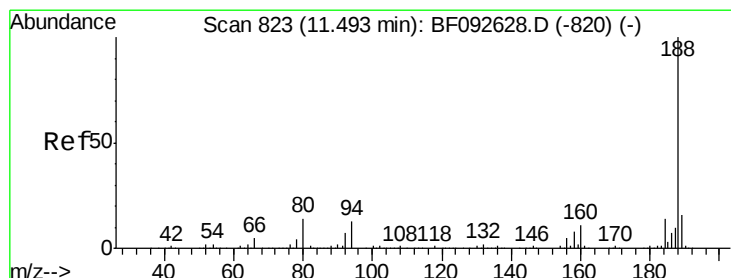
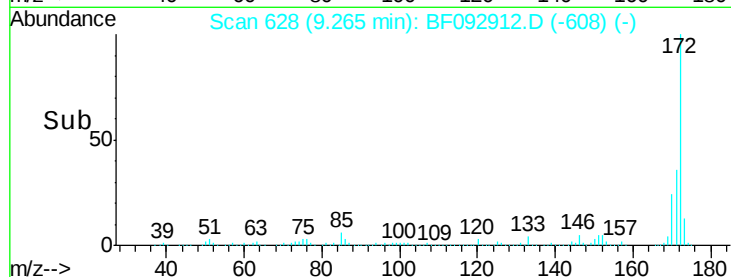
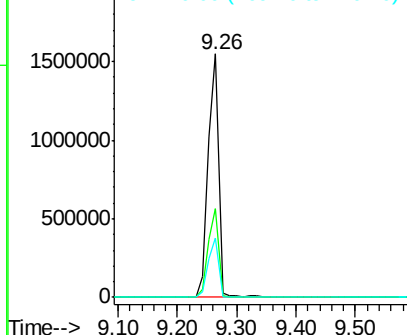
#44
 2-Fluorobiphenyl
 Concen: 102.61 ng
 RT: 9.26 min Scan# 628
 Delta R.T. -0.07 min
 Lab File: BF092912.D
 Acq: 11 Feb 2017 7:53

Instrument :
 BNA_F
 ClientSampleId :
 020817-PRRT-F-D-M

Tgt Ion:172 Resp: 1916281
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.4 44.0
 170 24.3 20.2 30.4

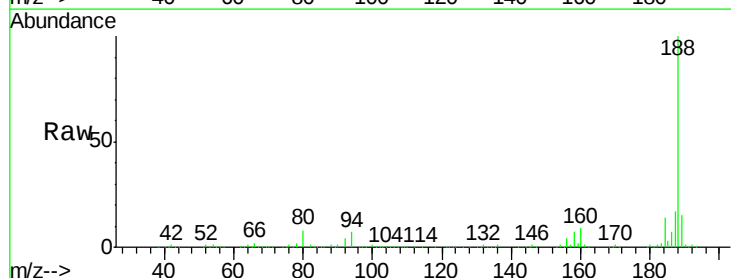


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

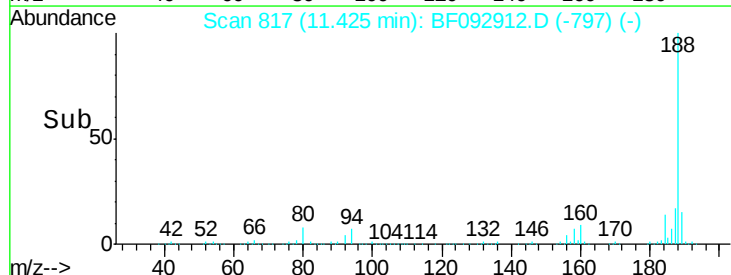
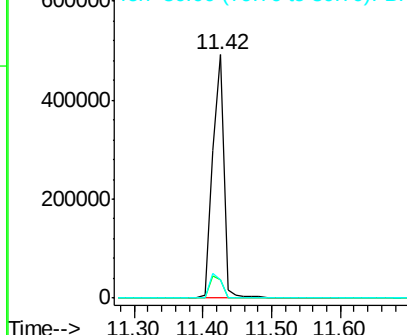


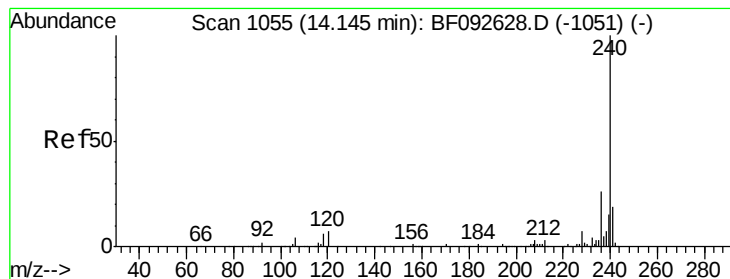
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.42 min Scan# 817
 Delta R.T. -0.07 min
 Lab File: BF092912.D
 Acq: 11 Feb 2017 7:53

Tgt Ion:188 Resp: 572784
 Ion Ratio Lower Upper
 188 100
 94 7.3 10.0 15.0#
 80 7.7 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: 14.05 min Scan# 1047

Delta R.T. -0.09 min

Lab File: BF092912.D

Acq: 11 Feb 2017 7:53

Instrument :

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ClientSampleId :

020817-PRRT-F-D-M

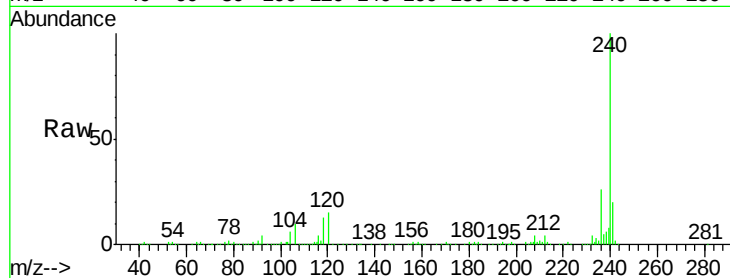
Tgt Ion:240 Resp: 407007

Ion Ratio Lower Upper

240 100

120 15.0 12.9 19.3

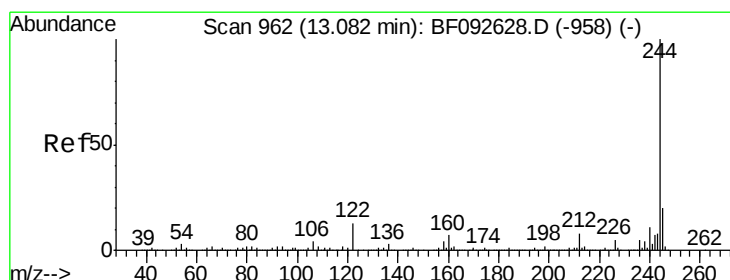
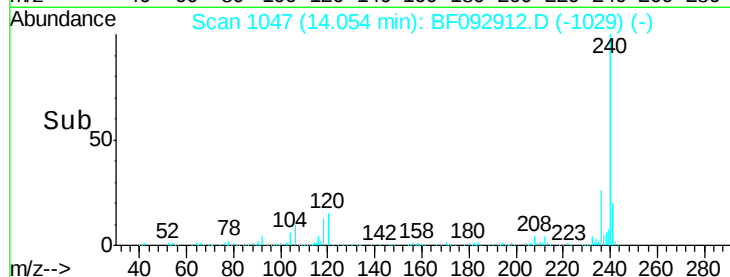
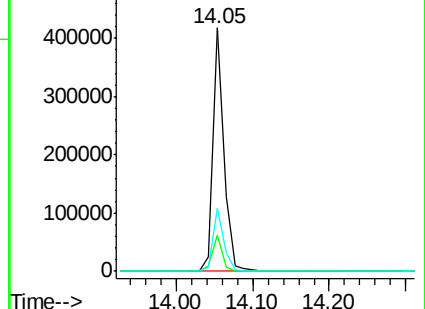
236 26.1 20.9 31.3



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: 93.37 ng

RT: 13.01 min Scan# 956

Delta R.T. -0.07 min

Lab File: BF092912.D

Acq: 11 Feb 2017 7:53

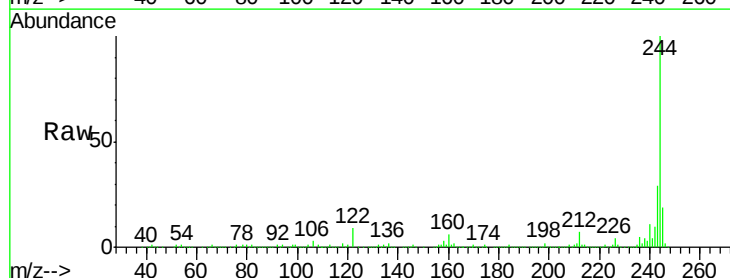
Tgt Ion:244 Resp: 1617369

Ion Ratio Lower Upper

244 100

212 7.3 6.2 9.2

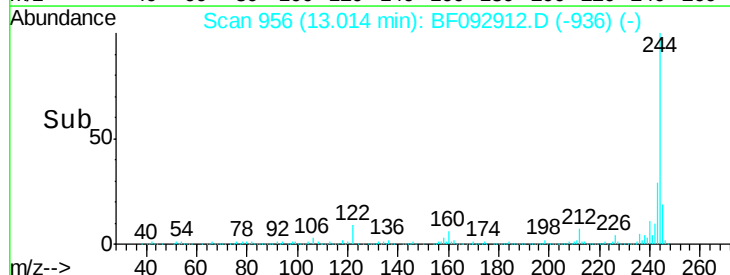
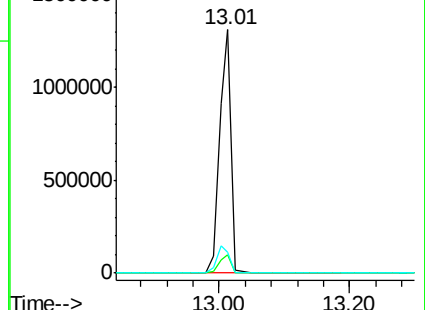
122 8.7 11.4 17.2#

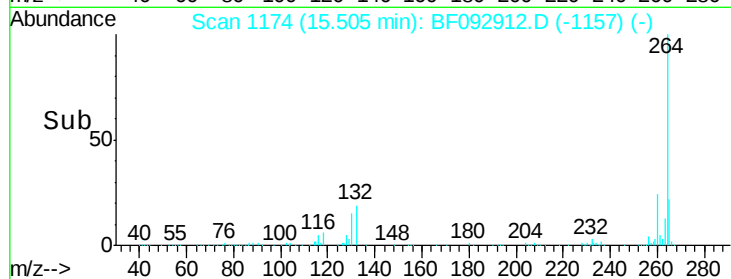
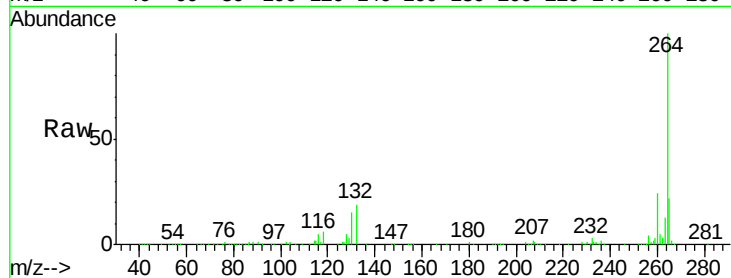
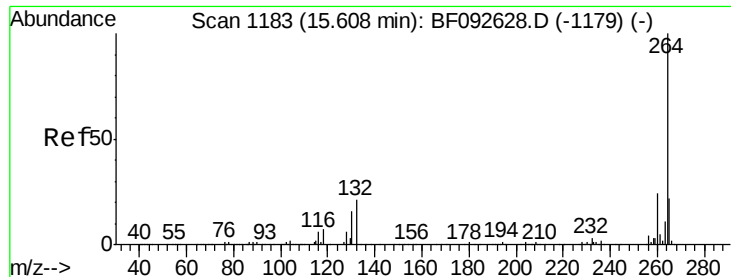


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.51 min Scan# 1174

Delta R.T. -0.10 min

Lab File: BF092912.D

Acq: 11 Feb 2017 7:53

Instrument :

BNA_F

ClientSampleId :

020817-PRRT-F-D-M

Tgt Ion: 264 Resp: 312600

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 21.6 17.4 26.0

