

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022017\
 Data File : BF093068.D
 Acq On : 21 Feb 2017 11:19
 Operator : SJ/MA
 Sample : I1904-03
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 021517-PRRT-F-U-B

Quant Time: Feb 21 13:33:44 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 17:31:55 2017
 Response via : Initial Calibration

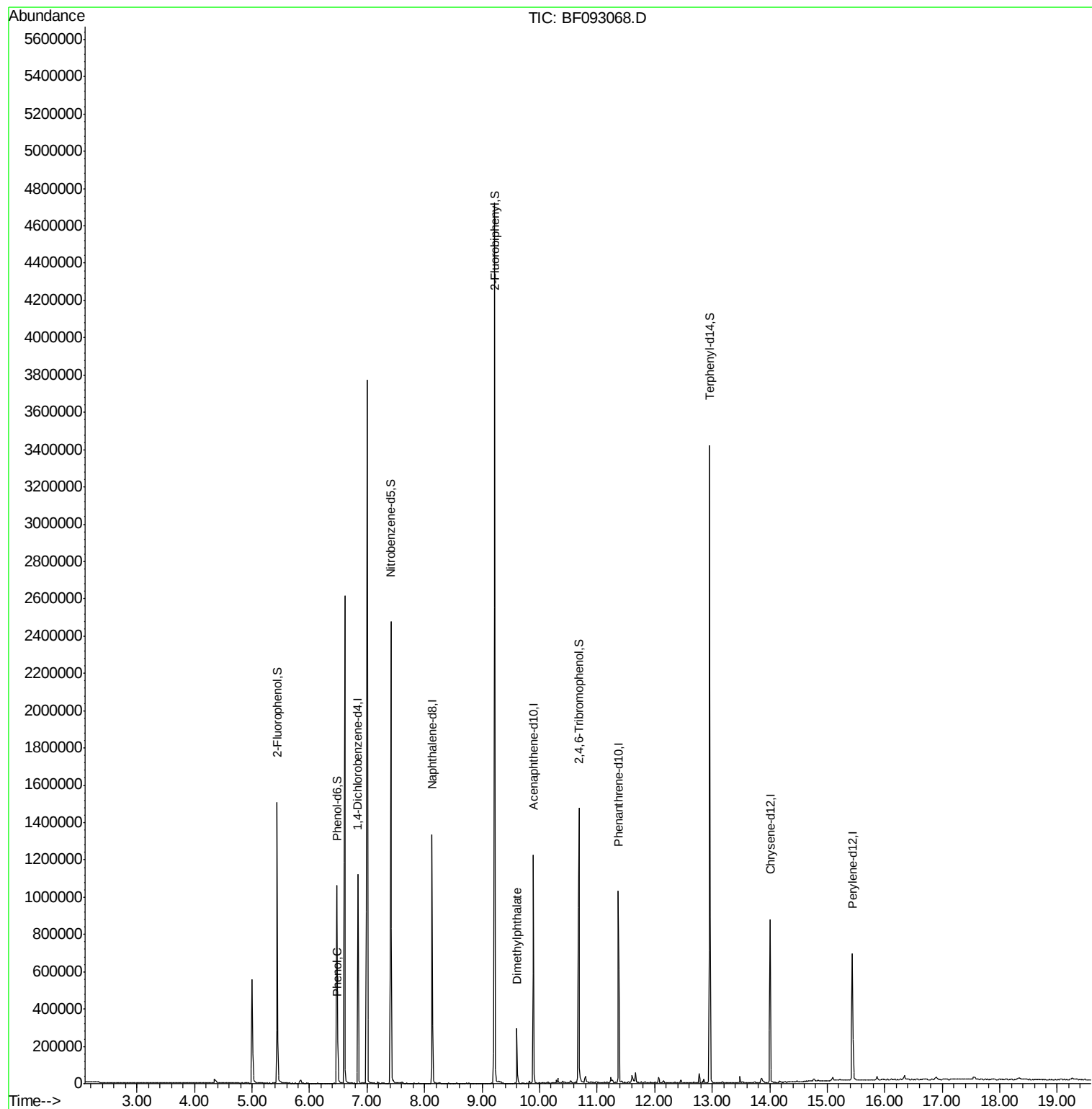
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	160192	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	593316	20.00	ng	-0.01
38) Acenaphthene-d10	9.89	164	276610	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	463755	20.00	ng	-0.01
75) Chrysene-d12	14.01	240	316465	20.00	ng	-0.01
86) Perylene-d12	15.44	264	297231	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	415857	44.54	ng	-0.01
7) Phenol-d6	6.48	99	330271	27.49	ng	-0.01
23) Nitrobenzene-d5	7.41	82	943344	88.54	ng	-0.01
41) 2,4,6-Tribromophenol	10.68	330	209996	104.97	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1769946	115.92	ng	0.00
78) Terphenyl-d14	12.96	244	1128555	83.79	ng	-0.01
Target Compounds						
10) Phenol	6.49	94	28305	2.01	ng	81
49) Dimethylphthalate	9.61	163	114161	6.13	ng	99

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF093068.D

Acq: 21 Feb 2017 11:19

Instrument :

BNA_F

ClientSampleId :

021517-PRRT-F-U-B

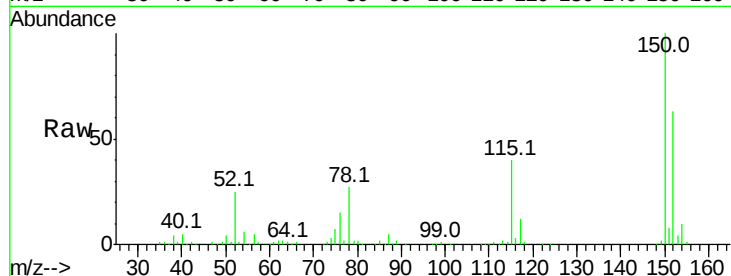
Tot Ion:152 Resp: 160192

Ion Ratio Lower Upper

152 100

150 160.0 124.9 187.3

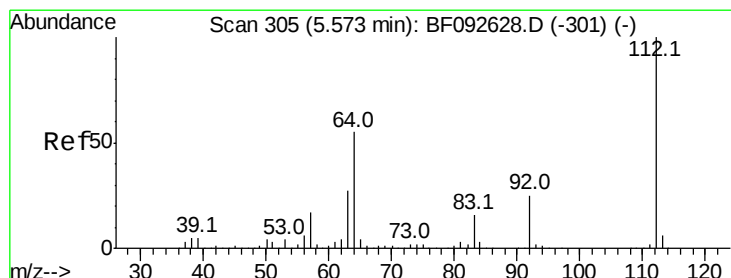
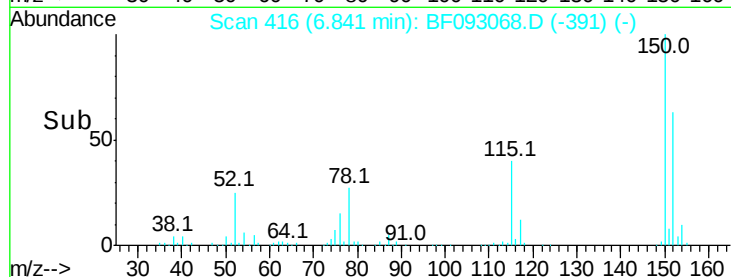
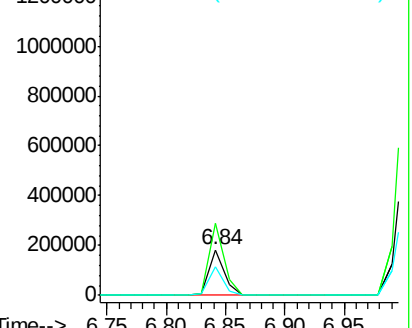
115 63.4 46.0 69.0



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: 44.54 ng

RT: 5.44 min Scan# 293

Delta R.T. -0.01 min

Lab File: BF093068.D

Acq: 21 Feb 2017 11:19

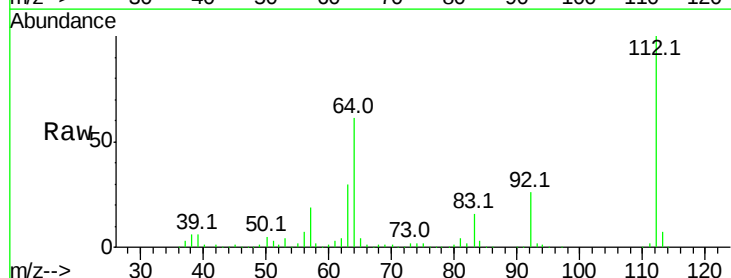
Tgt Ion:112 Resp: 415857

Ion Ratio Lower Upper

112 100

64 61.0 46.1 69.1

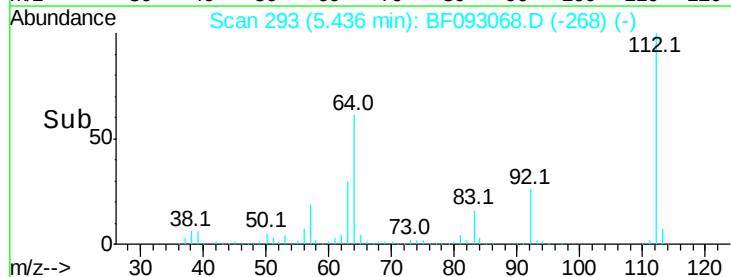
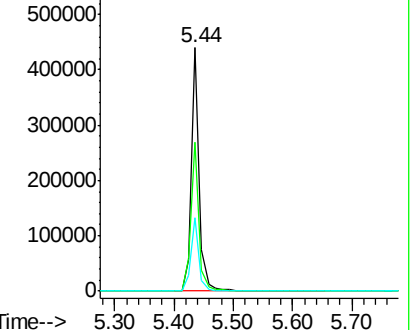
63 30.4 23.8 35.6

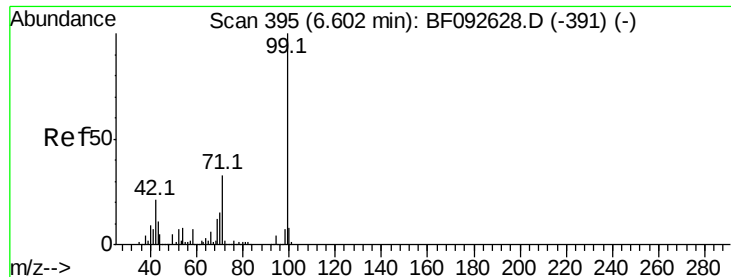


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 27.49 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF093068.D

Acq: 21 Feb 2017 11:19

Instrument :

BNA_F

ClientSampleId :

021517-PRRT-F-U-B

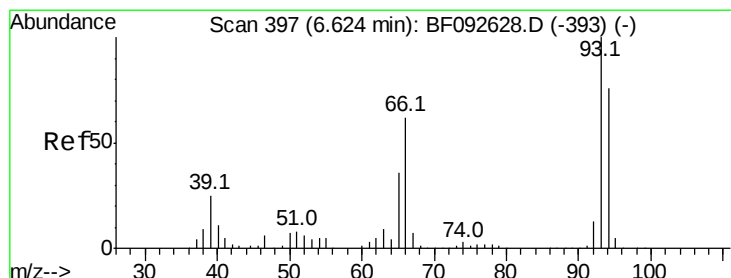
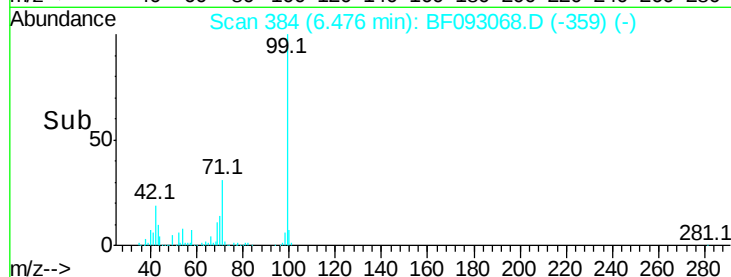
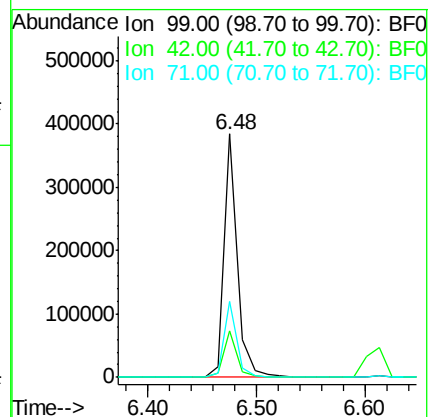
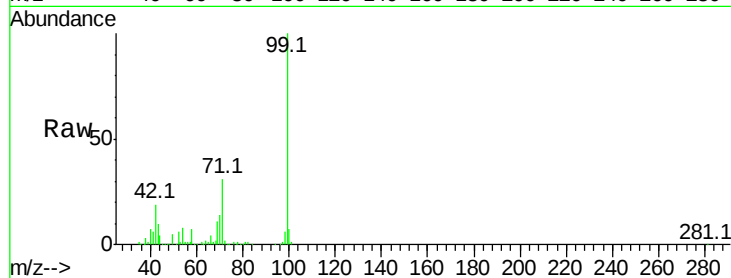
Tot Ion: 99 Resp: 330271

Ion Ratio Lower Upper

99 100

42 19.2 15.6 23.4

71 31.1 27.5 41.3



#10

Phenol

Concen: 2.01 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.02 min

Lab File: BF093068.D

Acq: 21 Feb 2017 11:19

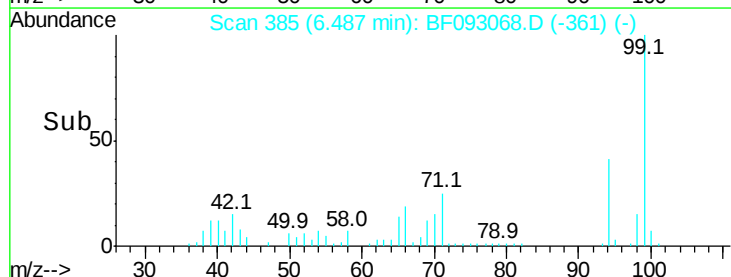
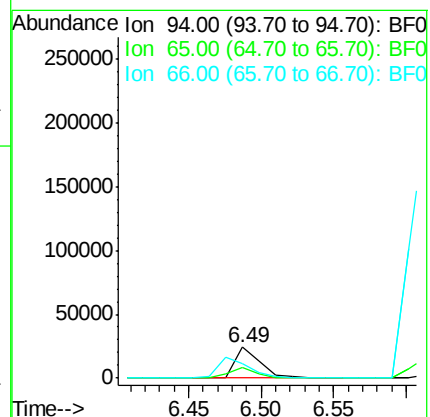
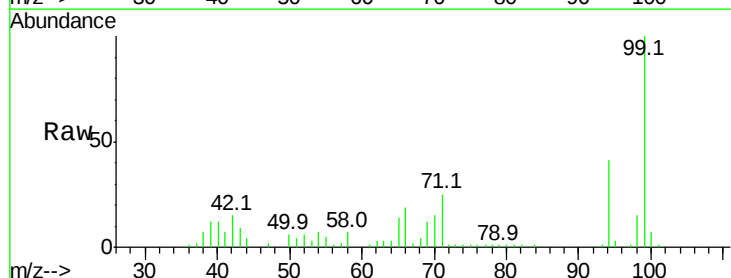
Tgt Ion: 94 Resp: 28305

Ion Ratio Lower Upper

94 100

65 33.0 21.4 61.4

66 46.2 44.0 84.0

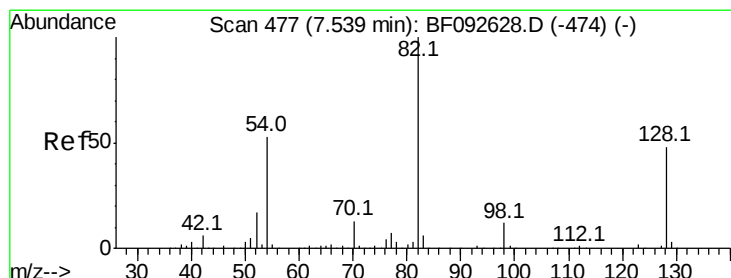
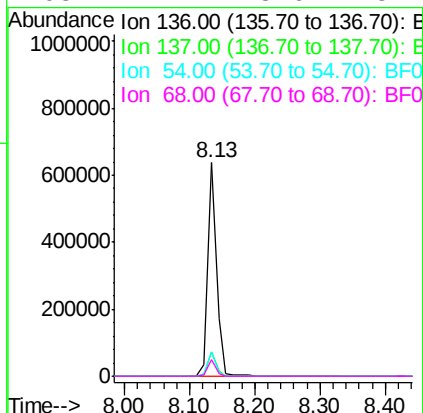
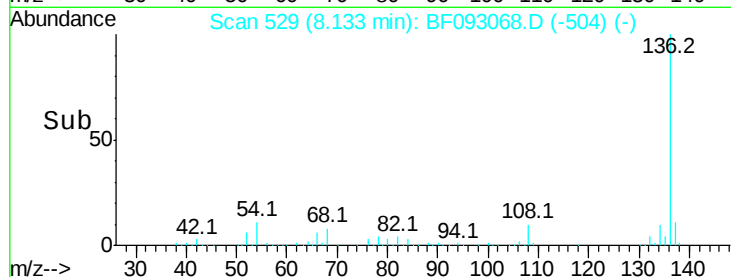
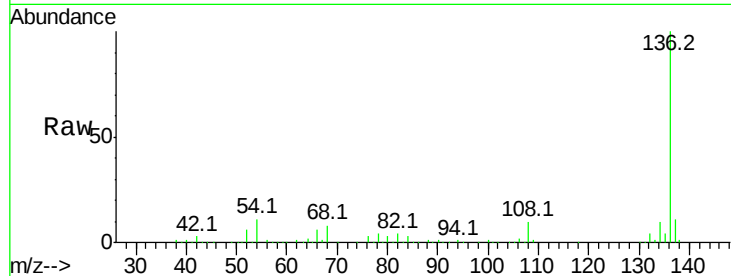




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF093068.D
Acq: 21 Feb 2017 11:19

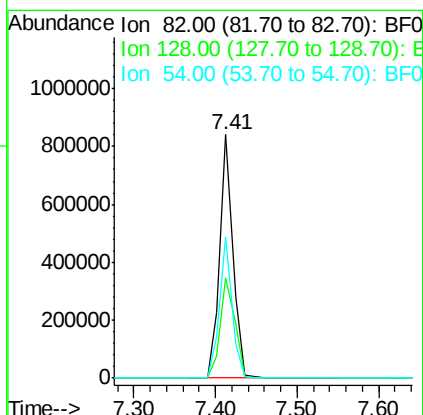
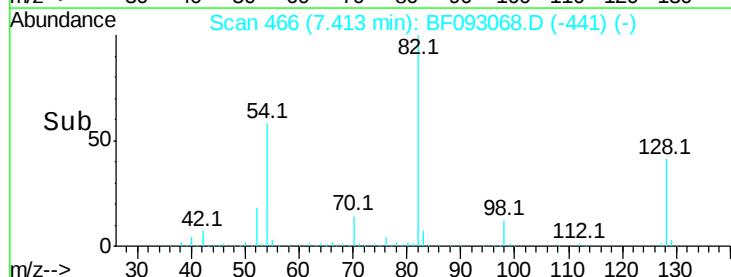
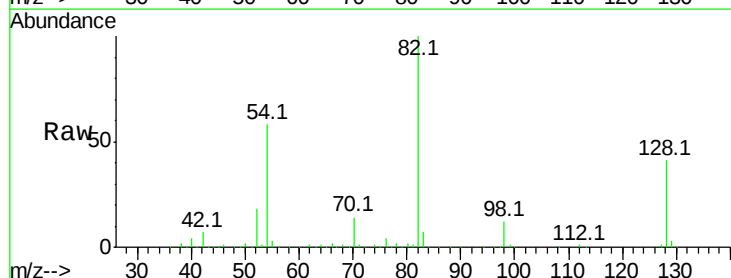
Instrument :
BNA_F
ClientSampleId :
021517-PRRT-F-U-B

Tot Ion:	136	Resp:	593316
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.4	12.6
54	11.1	4.5	6.7#
68	7.7	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 88.54 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.01 min
Lab File: BF093068.D
Acq: 21 Feb 2017 11:19

Tgt Ion:	82	Resp:	943344
Ion	Ratio	Lower	Upper
82	100		
128	41.4	34.6	52.0
54	58.0	39.5	59.3

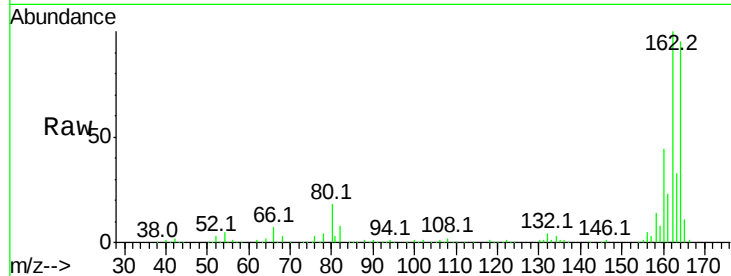




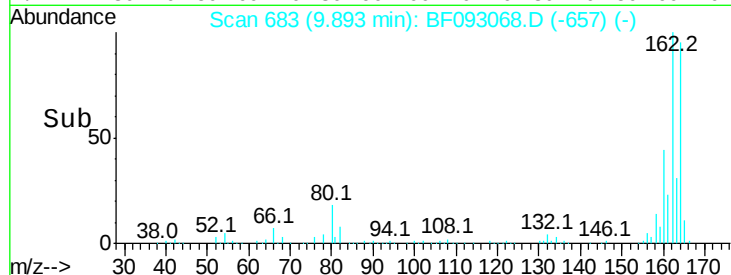
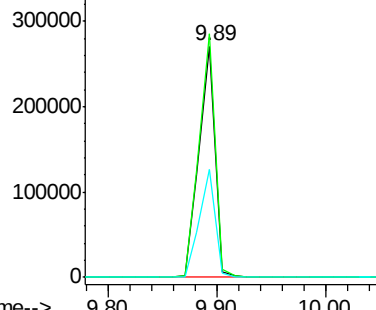
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 683
 Delta R.T. -0.00 min
 Lab File: BF093068.D
 Acq: 21 Feb 2017 11:19

Instrument :
 BNA_F
 ClientSampleId :
 021517-PRRT-F-U-B

Tot Ion:164 Resp: 276610
 Ion Ratio Lower Upper
 164 100
 162 105.3 80.2 120.2
 160 46.7 36.9 55.3

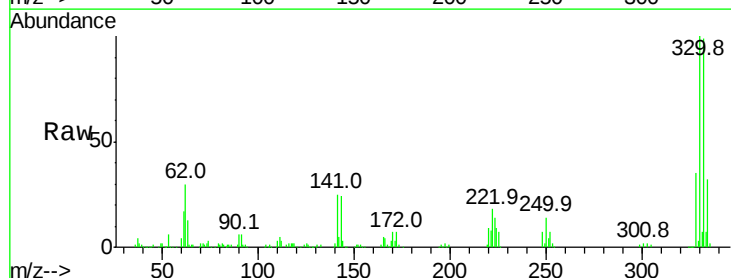


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

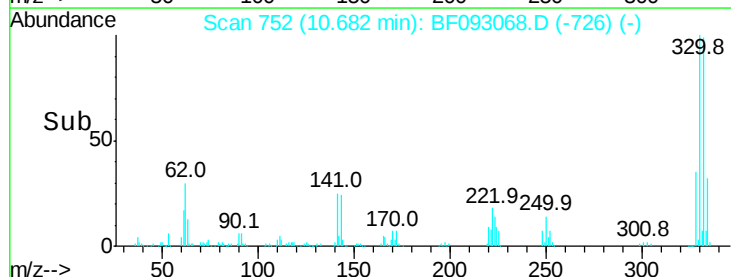
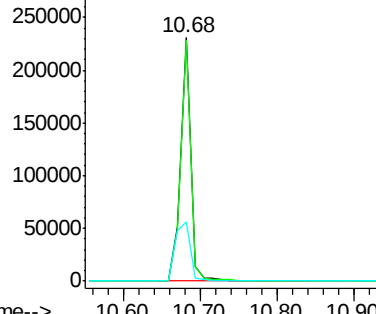


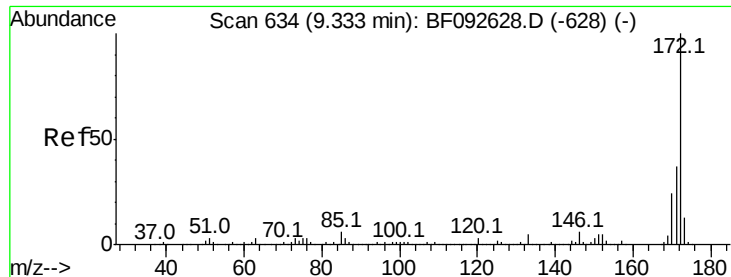
#41
 2,4,6-Tribromophenol
 Concen: 104.97 ng
 RT: 10.68 min Scan# 752
 Delta R.T. -0.00 min
 Lab File: BF093068.D
 Acq: 21 Feb 2017 11:19

Tgt Ion:330 Resp: 209996
 Ion Ratio Lower Upper
 330 100
 332 97.8 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



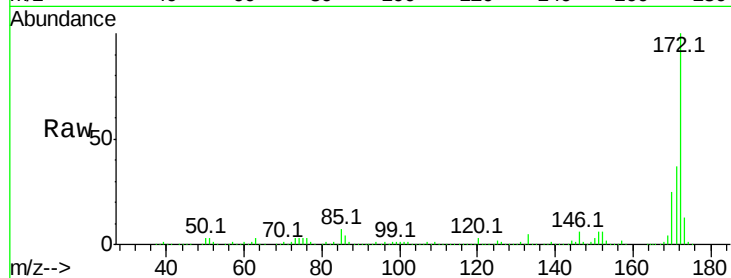


#44
 2-Fluorobiphenyl
 Concen: 115.92 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.00 min
 Lab File: BF093068.D
 Acq: 21 Feb 2017 11:19

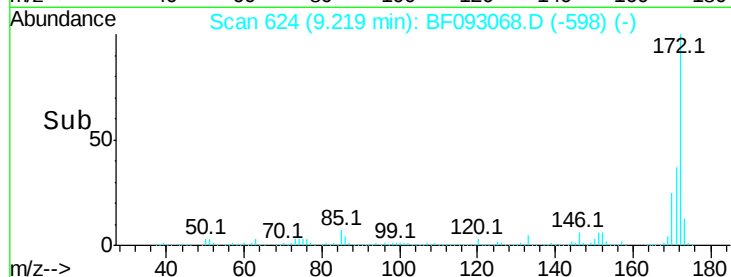
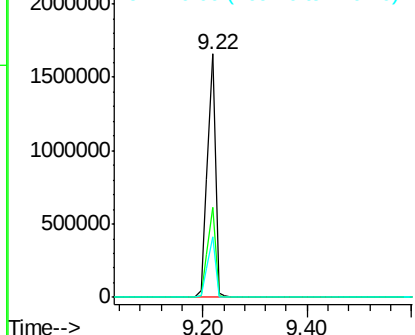
Instrument :
 BNA_F
 ClientSampleId :
 021517-PRRT-F-U-B

Tot Ion:172 Resp: 1769946

Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.4	44.0
170	24.7	20.2	30.4



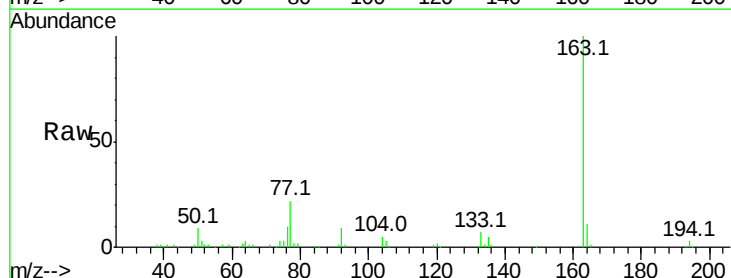
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



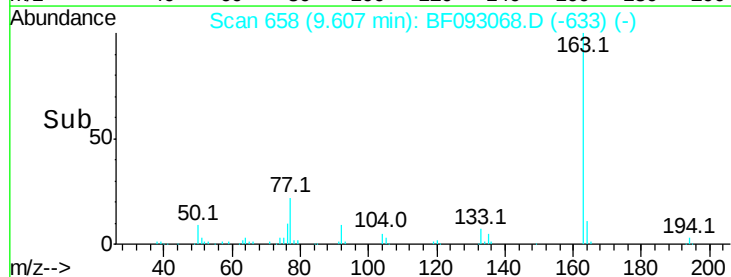
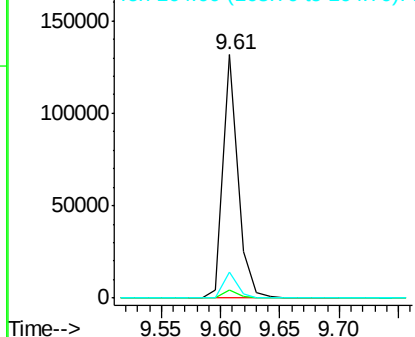
#49
 Dimethylphthalate
 Concen: 6.13 ng
 RT: 9.61 min Scan# 658
 Delta R.T. -0.01 min
 Lab File: BF093068.D
 Acq: 21 Feb 2017 11:19

Tgt Ion:163 Resp: 114161

Ion	Ratio	Lower	Upper
163	100		
194	3.2	3.0	4.4
164	10.6	8.0	12.0



Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

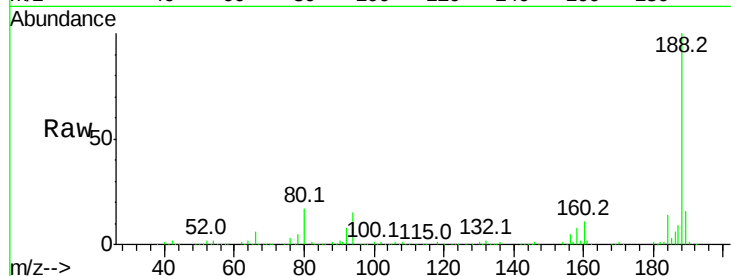




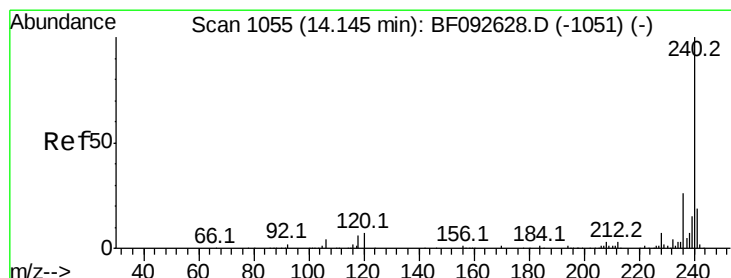
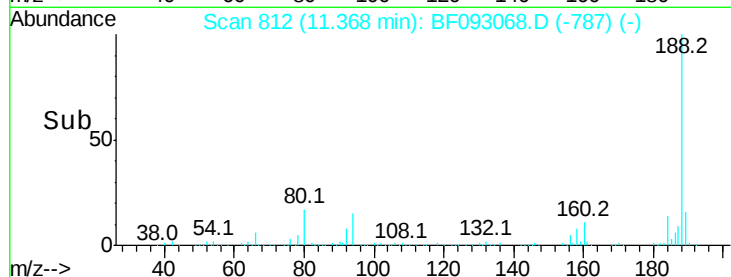
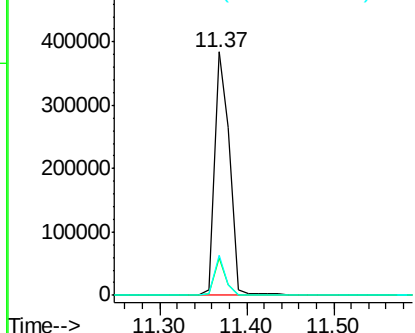
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF093068.D
Acq: 21 Feb 2017 11:19

Instrument :
BNA_F
ClientSampleId :
021517-PRRT-F-U-B

Tot Ion:188 Resp: 463755
Ion Ratio Lower Upper
188 100
94 15.3 10.0 15.0#
80 16.7 11.2 16.8

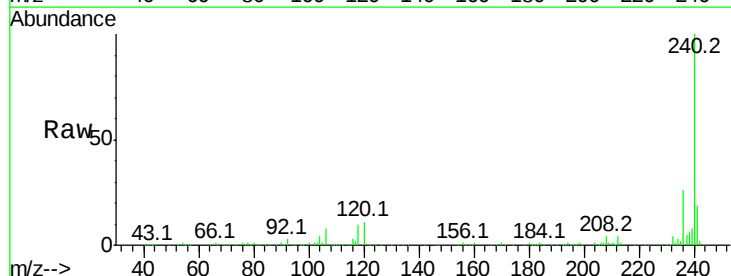


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

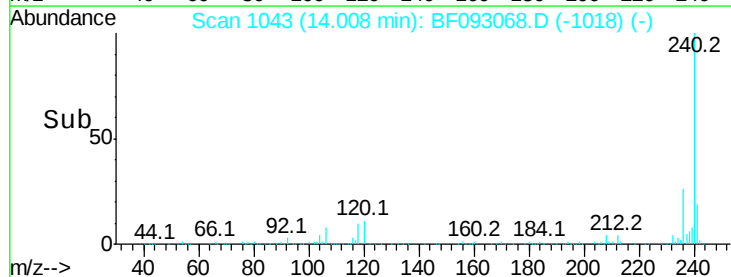
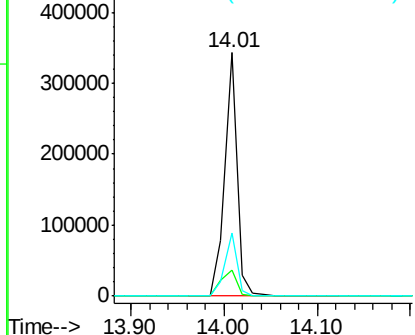


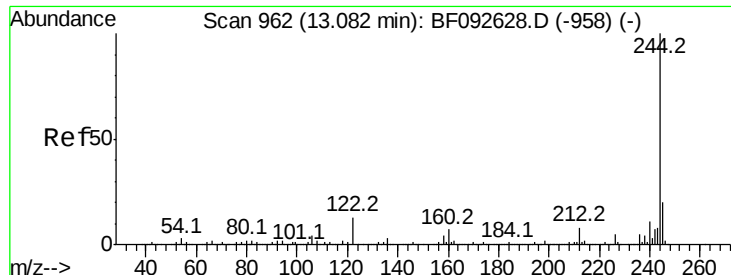
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF093068.D
Acq: 21 Feb 2017 11:19

Tgt Ion:240 Resp: 316465
Ion Ratio Lower Upper
240 100
120 10.9 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: 83.79 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF093068.D

Acq: 21 Feb 2017 11:19

Instrument :

BNA_F

ClientSampleId :

021517-PRRT-F-U-B

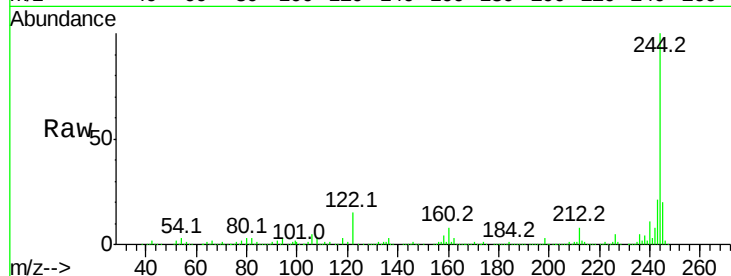
Tot Ion:244 Resp: 1128555

Ion Ratio Lower Upper

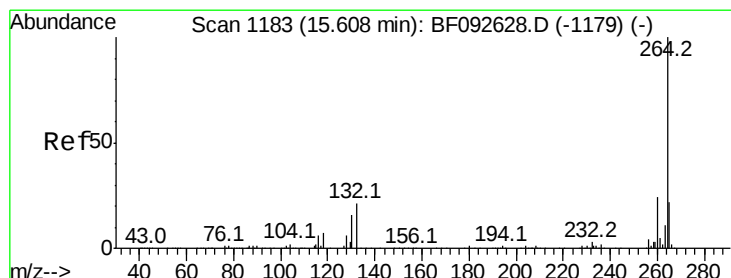
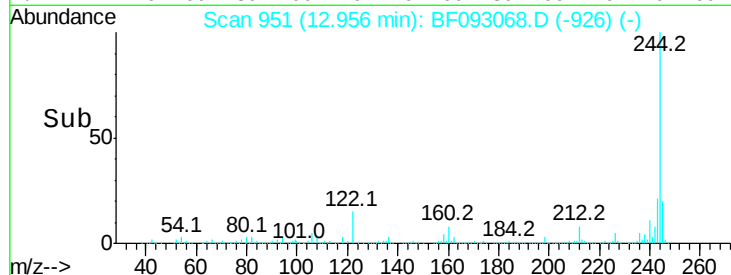
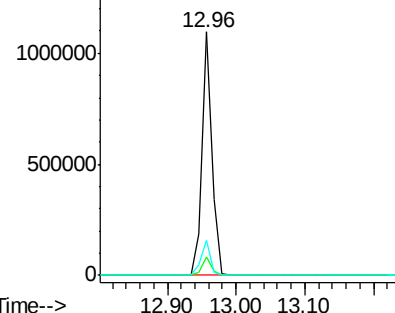
244 100

212 7.7 6.2 9.2

122 14.6 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: 15.44 min Scan# 1168

Delta R.T. -0.01 min

Lab File: BF093068.D

Acq: 21 Feb 2017 11:19

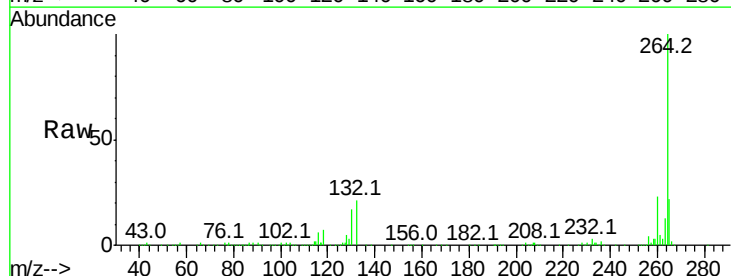
Tgt Ion:264 Resp: 297231

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 21.9 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

