

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022017\
 Data File : BF093066.D
 Acq On : 21 Feb 2017 10:24
 Operator : SJ/MA
 Sample : I1904-01
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

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

Quant Time: Feb 21 13:30:06 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

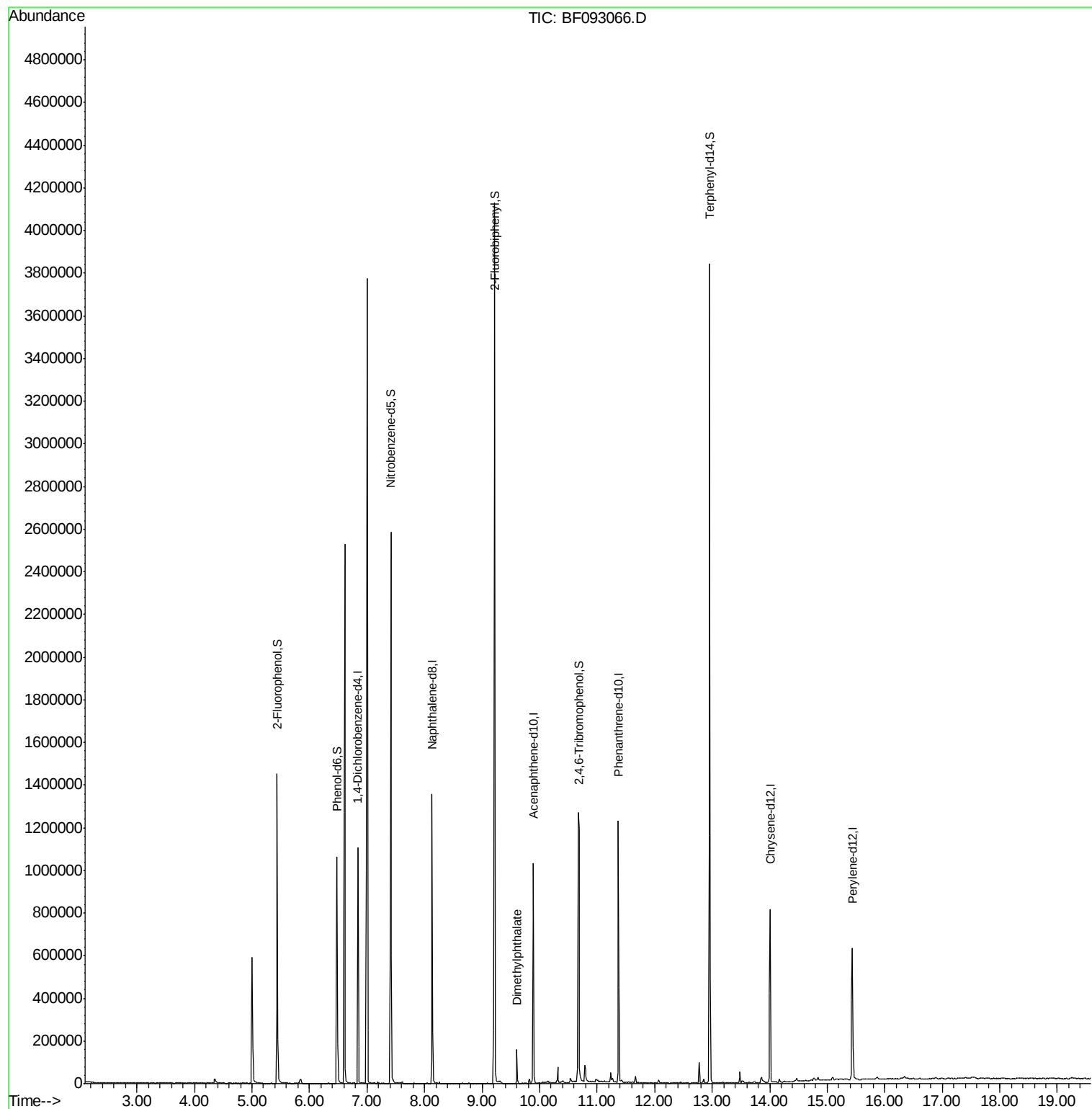
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	156562	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	583837	20.00	ng	-0.01
38) Acenaphthene-d10	9.89	164	274614	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	479794	20.00	ng	-0.01
75) Chrysene-d12	14.01	240	334757	20.00	ng	-0.01
86) Perylene-d12	15.44	264	294201	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	408556	44.77	ng	-0.01
7) Phenol-d6	6.48	99	339035	28.87	ng	-0.01
23) Nitrobenzene-d5	7.41	82	914065	87.18	ng	-0.01
41) 2,4,6-Tribromophenol	10.68	330	220141	110.84	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1773772	117.02	ng	0.00
78) Terphenyl-d14	12.96	244	1221487	85.74	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.61	163	62077	3.36	ng	99

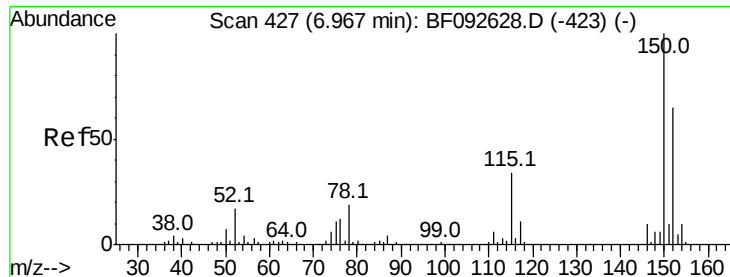
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF093066.D

Acq: 21 Feb 2017 10:24

Instrument :

BNA_F

ClientSampleId :

021517-PRRT-F-D-B

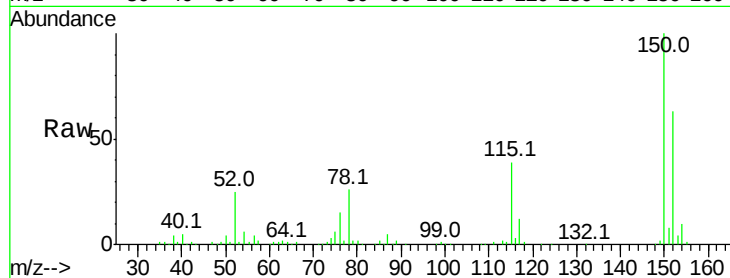
Tot Ion:152 Resp: 156562

Ion Ratio Lower Upper

152 100

150 159.9 124.9 187.3

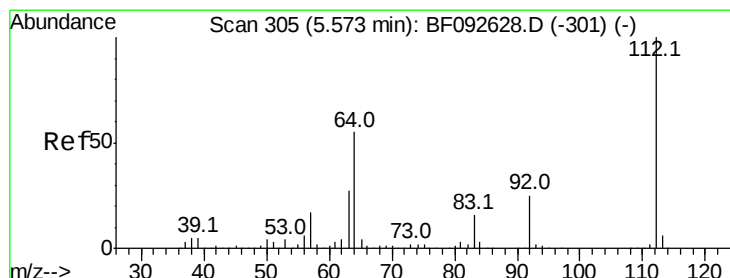
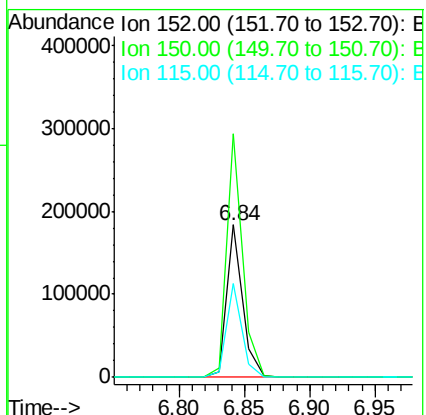
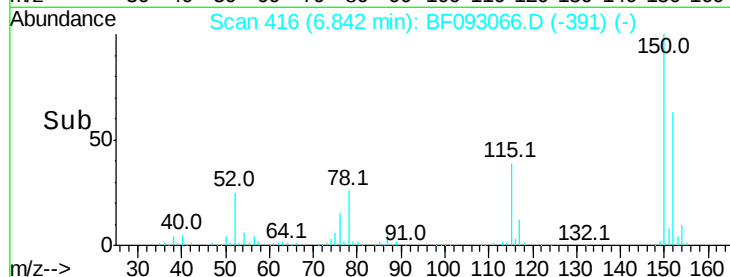
115 61.8 46.0 69.0



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: 44.77 ng

RT: 5.44 min Scan# 293

Delta R.T. -0.01 min

Lab File: BF093066.D

Acq: 21 Feb 2017 10:24

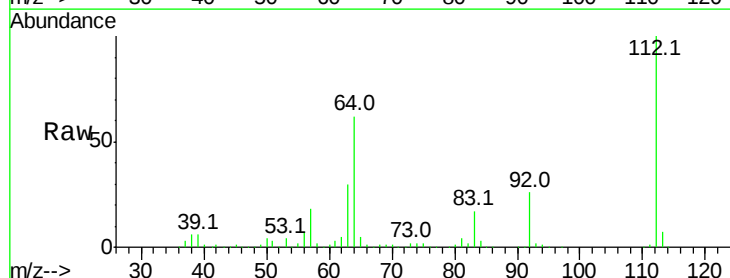
Tgt Ion:112 Resp: 408556

Ion Ratio Lower Upper

112 100

64 62.0 46.1 69.1

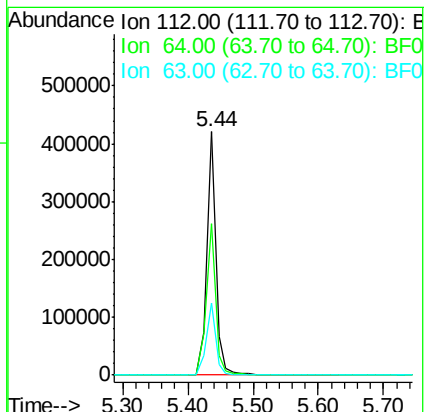
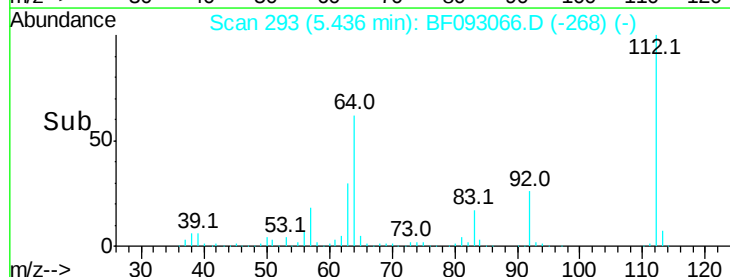
63 29.8 23.8 35.6

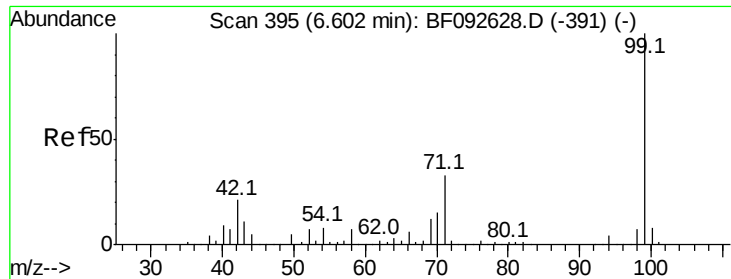


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 28.87 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF093066.D

Acq: 21 Feb 2017 10:24

Instrument :

BNA_F

ClientSampleId :

021517-PRRT-F-D-B

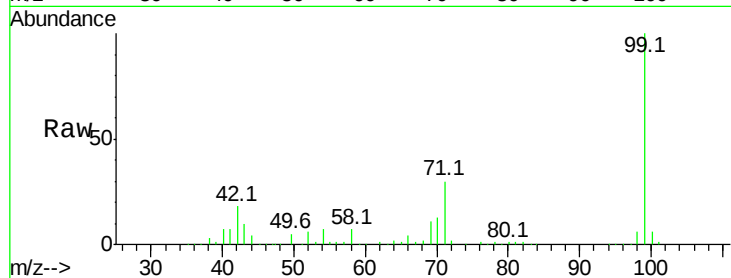
Tot Ion: 99 Resp: 339035

Ion Ratio Lower Upper

99 100

42 18.1 15.6 23.4

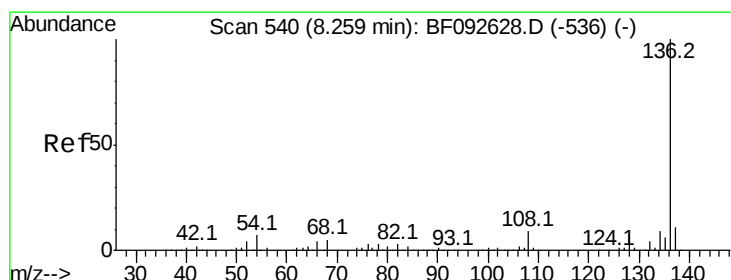
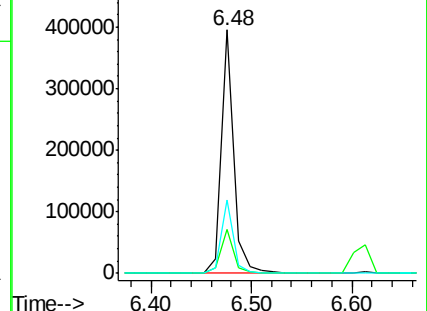
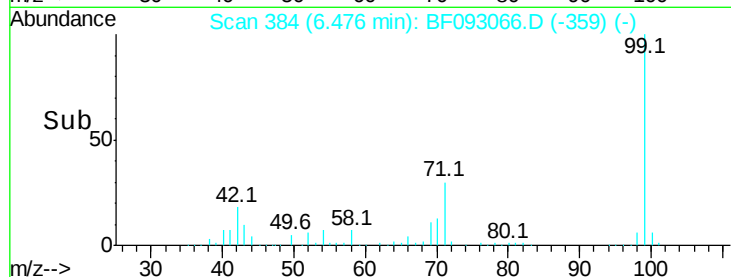
71 30.1 27.5 41.3



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 529

Delta R.T. -0.01 min

Lab File: BF093066.D

Acq: 21 Feb 2017 10:24

Tgt Ion: 136 Resp: 583837

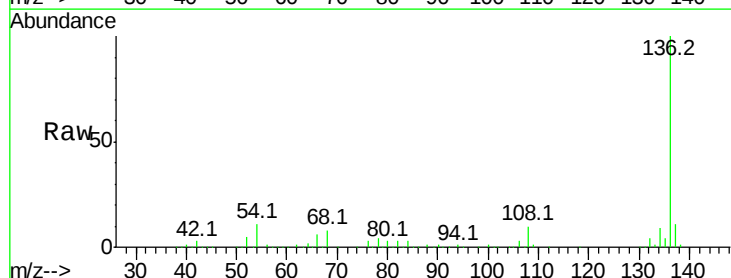
Ion Ratio Lower Upper

136 100

137 11.1 8.4 12.6

54 11.0 4.5 6.7#

68 7.6 3.6 5.4#

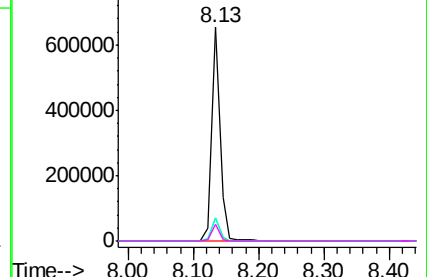
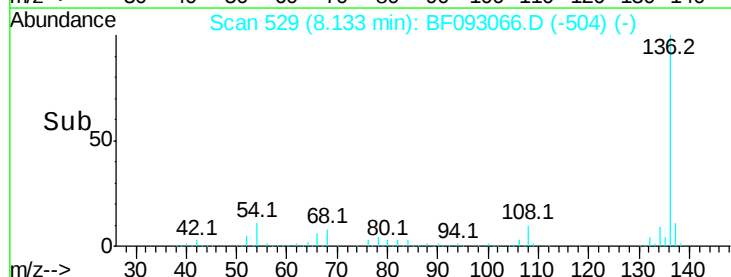


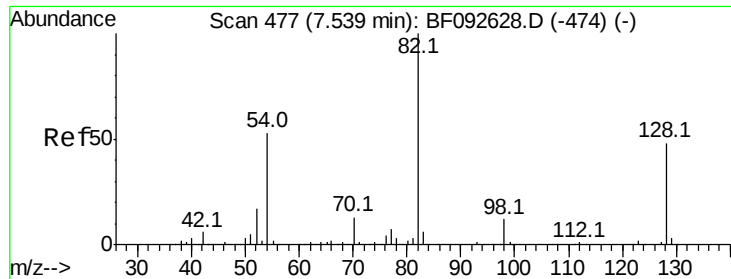
Abundance Ion 136.00 (135.70 to 136.70): E

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

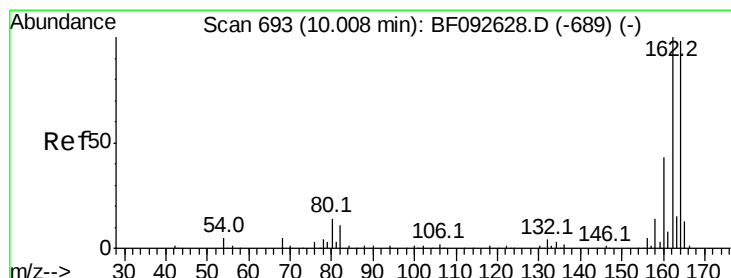
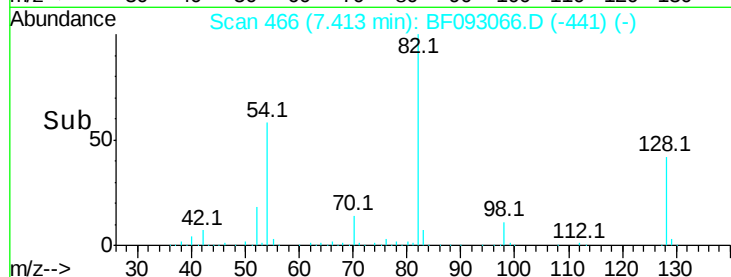
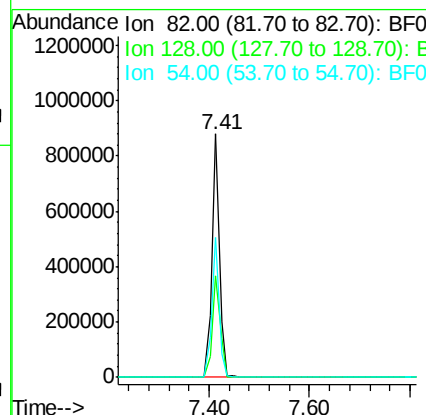
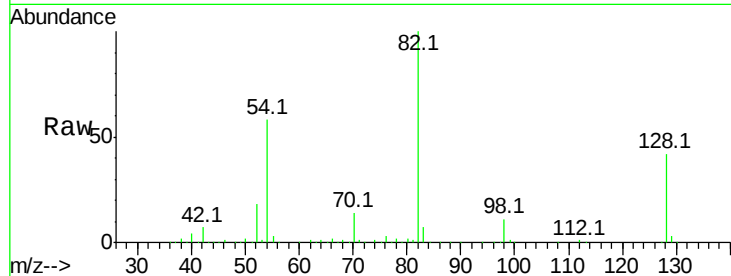




#23
 Nitrobenzene-d5
 Concen: 87.18 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.01 min
 Lab File: BF093066.D
 Acq: 21 Feb 2017 10:24

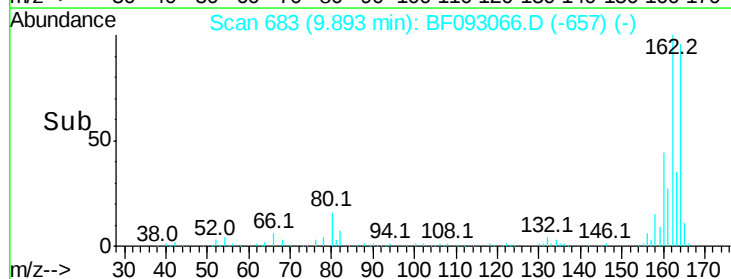
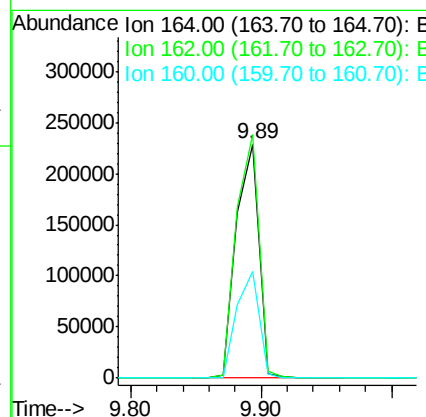
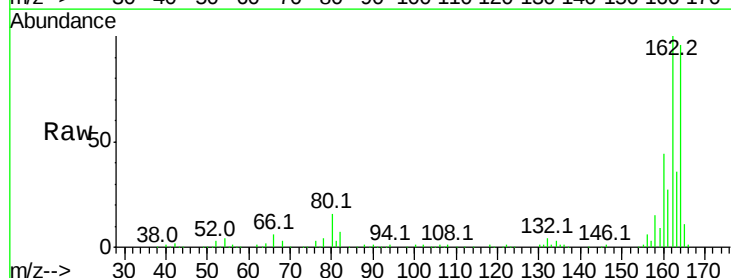
Instrument :
 BNA_F
 ClientSampleId :
 021517-PRRT-F-D-B

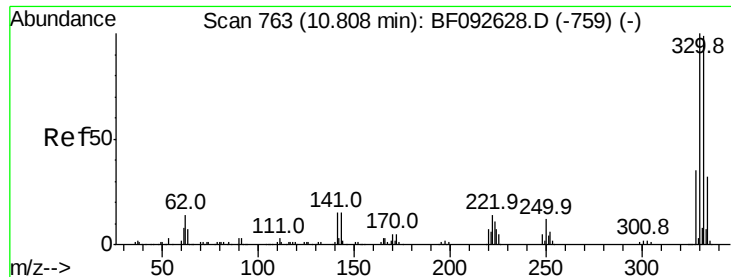
Tot Ion	82	Resp	914065
Ion Ratio	100		
Lower	34.6		
Upper	52.0		
54	57.6		
	39.5		
	59.3		



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 683
 Delta R.T. -0.00 min
 Lab File: BF093066.D
 Acq: 21 Feb 2017 10:24

Tgt Ion	164	Resp	274614
Ion Ratio	100		
Lower	80.2		
Upper	120.2		
162	104.3		
160	45.9		
	36.9		
	55.3		

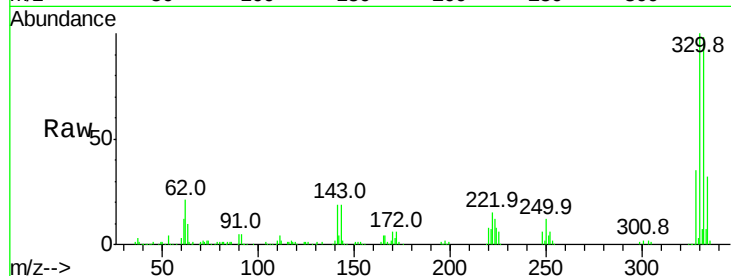




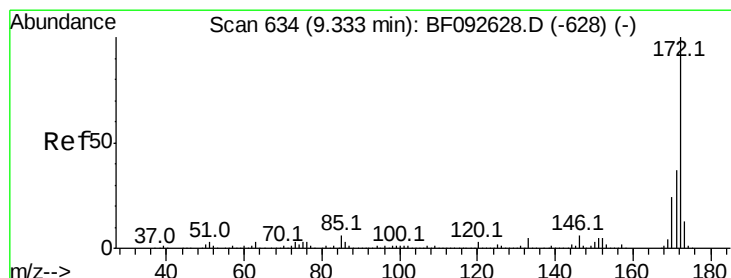
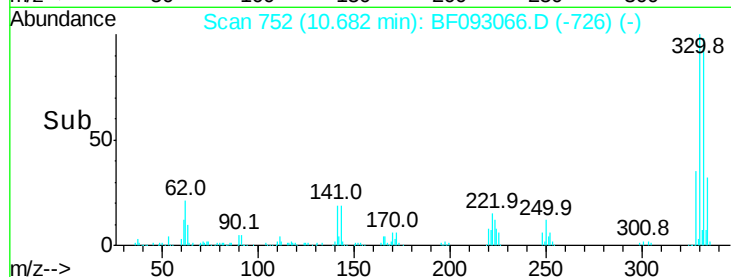
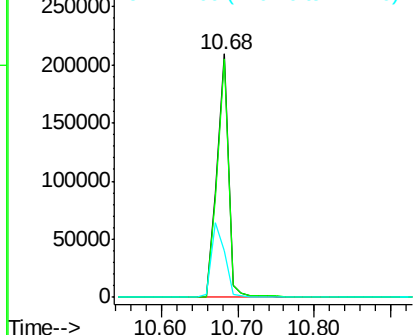
#41
 2,4,6-Tribromophenol
 Concen: 110.84 ng
 RT: 10.68 min Scan# 752
 Delta R.T. -0.00 min
 Lab File: BF093066.D
 Acq: 21 Feb 2017 10:24

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.4	116.2
141	35.1	34.1	51.1

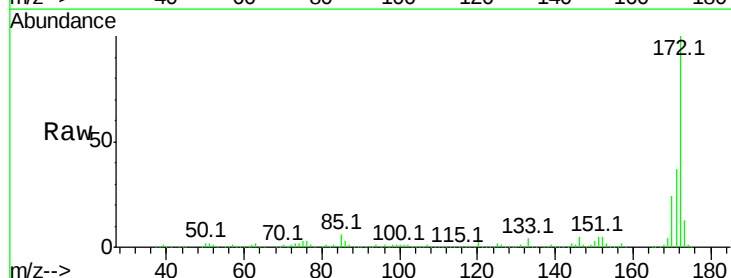


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

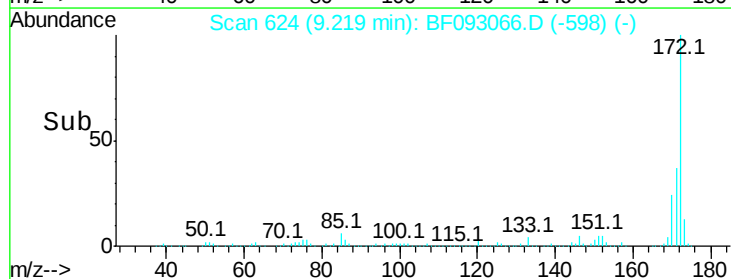
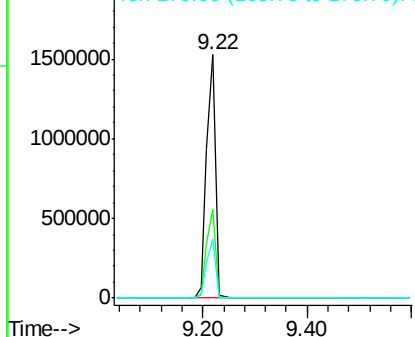


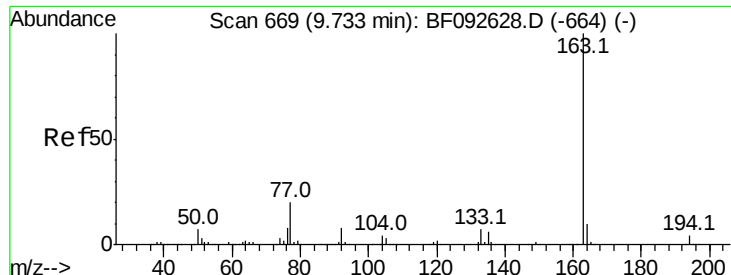
#44
 2-Fluorobiphenyl
 Concen: 117.02 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.00 min
 Lab File: BF093066.D
 Acq: 21 Feb 2017 10:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.4	44.0
170	24.4	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

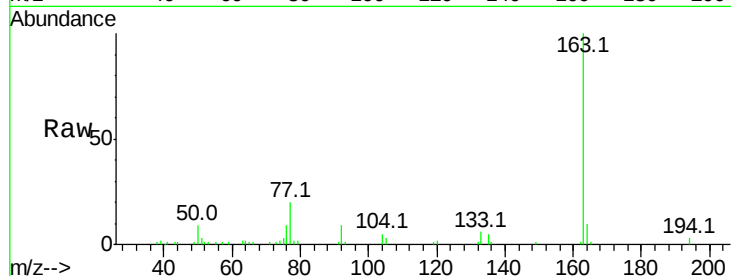




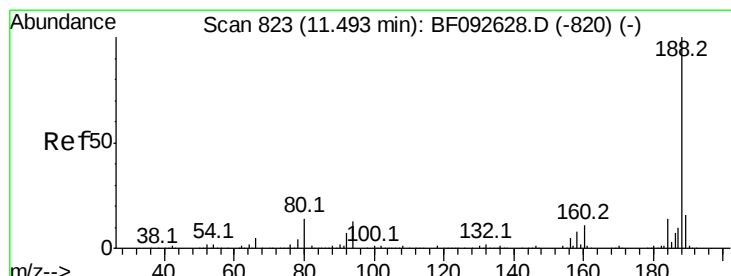
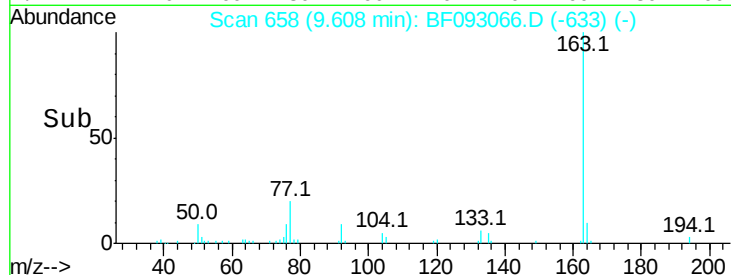
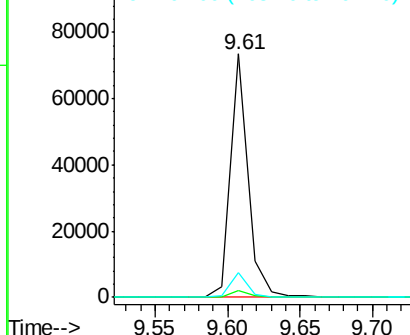
#49
Dimethylphthalate
Concen: 3.36 ng
RT: 9.61 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF093066.D
Acq: 21 Feb 2017 10:24

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

Tot Ion:163 Resp: 62077
Ion Ratio Lower Upper
163 100
194 3.1 3.0 4.4
164 10.4 8.0 12.0

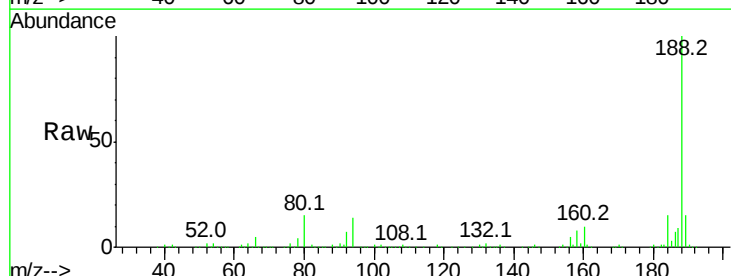


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

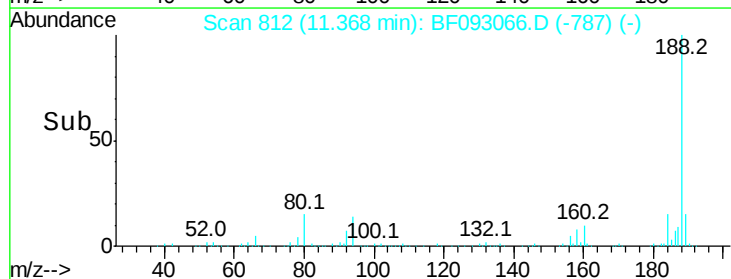
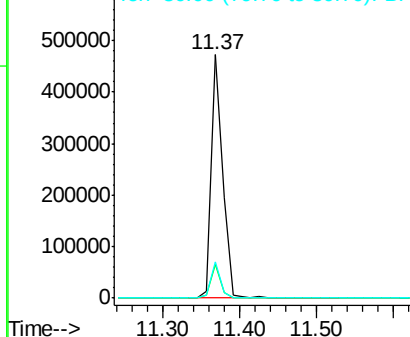


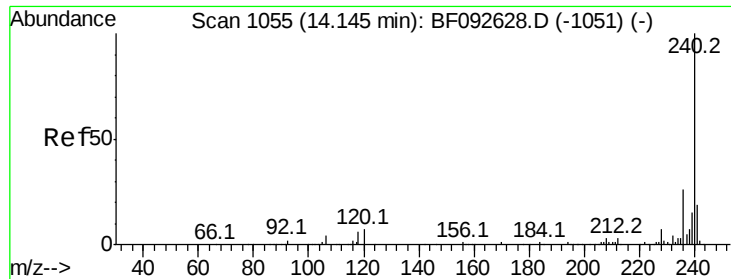
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF093066.D
Acq: 21 Feb 2017 10:24

Tgt Ion:188 Resp: 479794
Ion Ratio Lower Upper
188 100
94 13.8 10.0 15.0
80 14.7 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: BF093066.D

Acq: 21 Feb 2017 10:24

Instrument :

BNA_F

ClientSampleId :

021517-PRRT-F-D-B

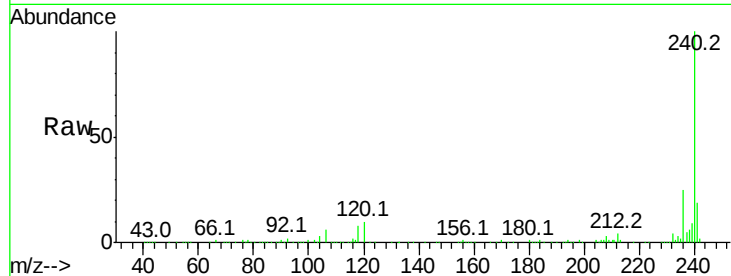
Tot Ion:240 Resp: 334757

Ion Ratio Lower Upper

240 100

120 10.1 12.9 19.3#

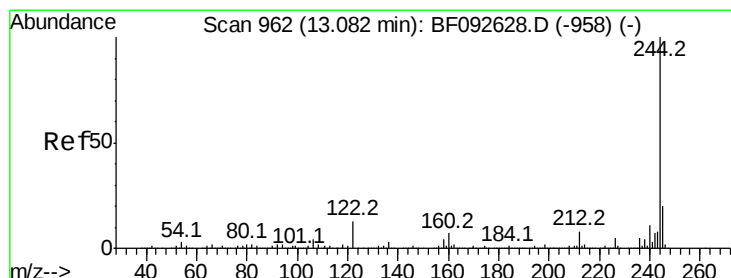
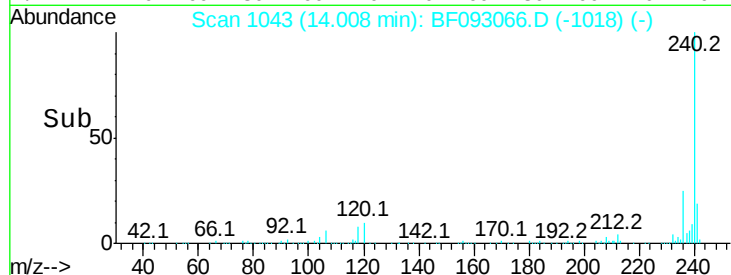
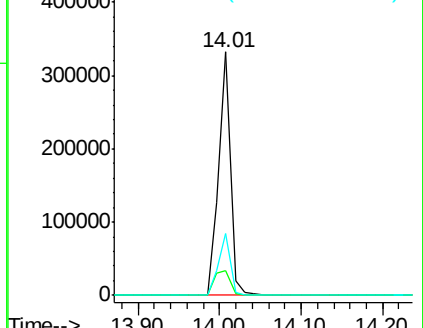
236 25.4 20.9 31.3



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: 85.74 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF093066.D

Acq: 21 Feb 2017 10:24

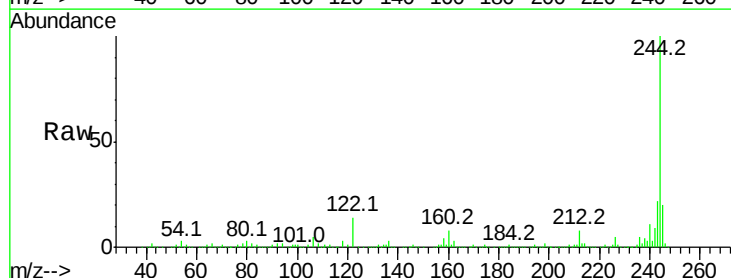
Tgt Ion:244 Resp: 1221487

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

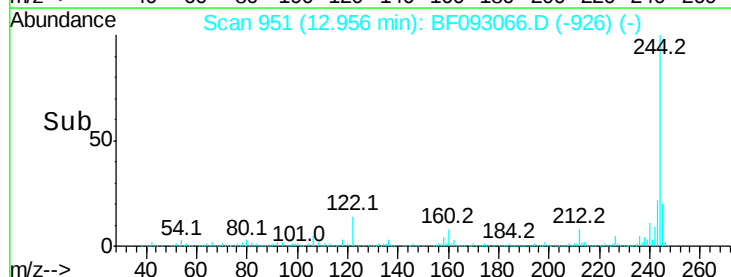
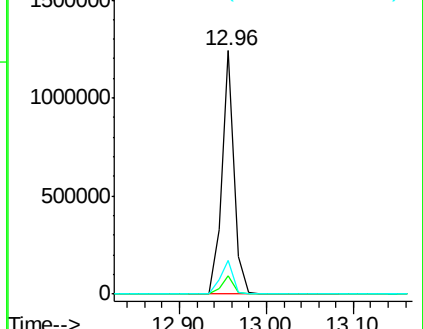
122 13.7 11.4 17.2

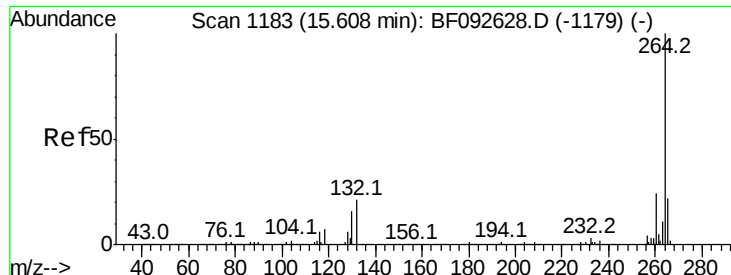


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BF093066.D
Acq: 21 Feb 2017 10:24

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

Tot Ion: 264 Resp: 294201

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.6	17.4	26.0

