

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022017\
 Data File : BF093069.D
 Acq On : 21 Feb 2017 11:46
 Operator : SJ/MA
 Sample : I1904-04
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

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

Quant Time: Feb 21 13:35:21 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

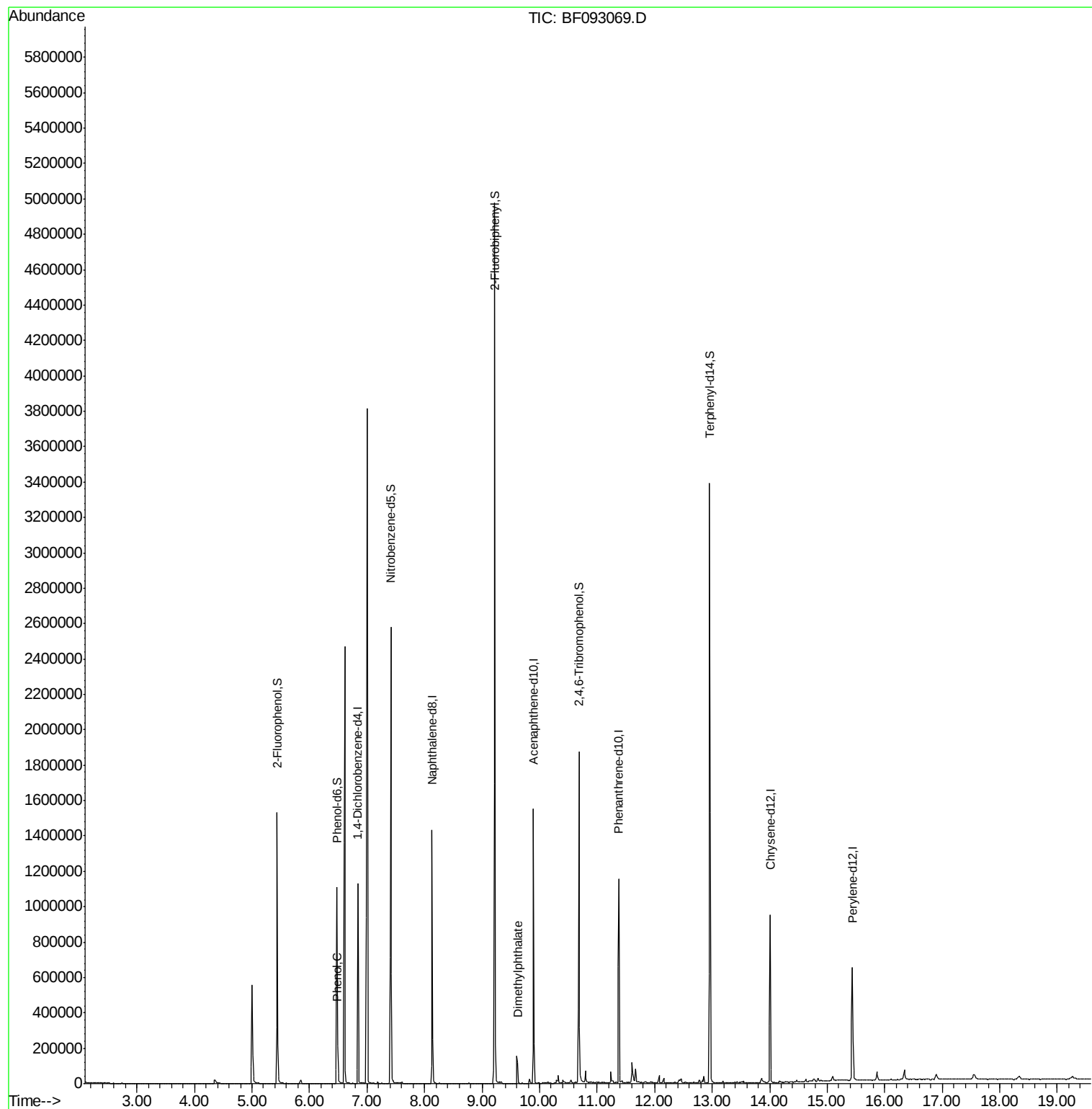
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	162210	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	613559	20.00	ng	-0.01
38) Acenaphthene-d10	9.89	164	284918	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	512711	20.00	ng	0.00
75) Chrysene-d12	14.01	240	349642	20.00	ng	-0.01
86) Perylene-d12	15.44	264	291821	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	422609	44.70	ng	-0.01
7) Phenol-d6	6.48	99	341015	28.03	ng	-0.01
23) Nitrobenzene-d5	7.41	82	931709	84.56	ng	-0.01
41) 2,4,6-Tribromophenol	10.68	330	204077	99.03	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1610412	102.40	ng	0.00
78) Terphenyl-d14	12.96	244	1267809	85.20	ng	-0.01
Target Compounds						
10) Phenol	6.49	94	28745	2.02	ng	Qvalue 78
49) Dimethylphthalate	9.62	163	89865	4.68	ng	# 99

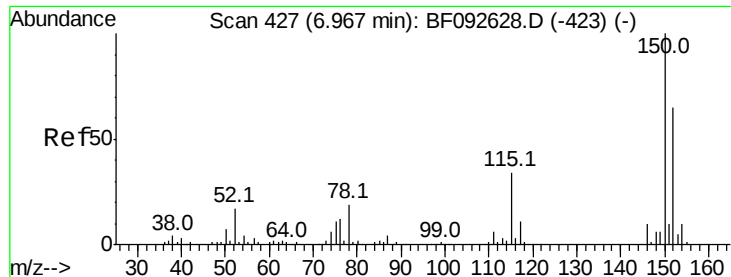
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF093069.D

Acq: 21 Feb 2017 11:46

Instrument :

BNA_F

ClientSampleId :

021517-PRRT-F-U-S

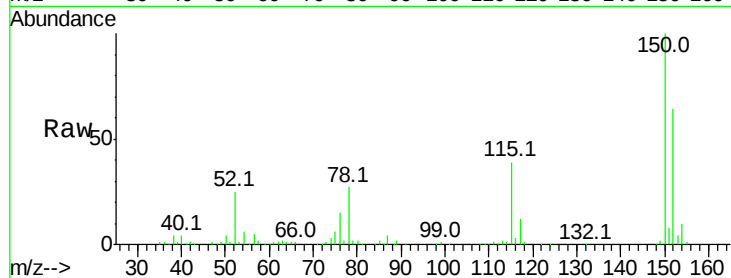
Tot Ion:152 Resp: 162210

Ion Ratio Lower Upper

152 100

150 155.7 124.9 187.3

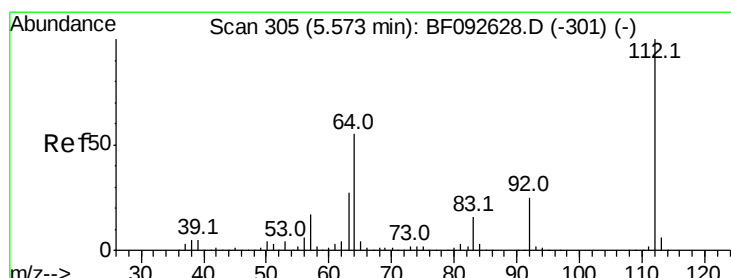
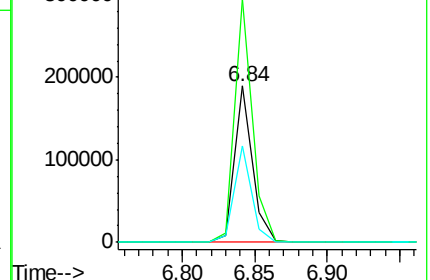
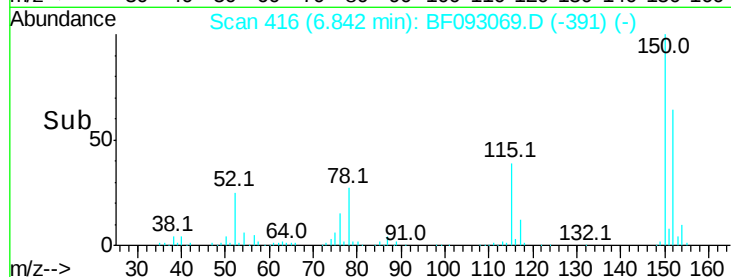
115 61.4 46.0 69.0



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: 44.70 ng

RT: 5.44 min Scan# 293

Delta R.T. -0.01 min

Lab File: BF093069.D

Acq: 21 Feb 2017 11:46

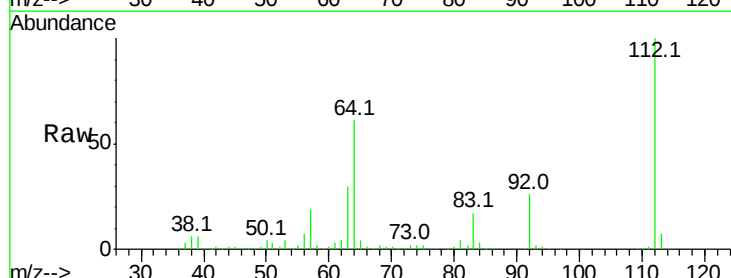
Tgt Ion:112 Resp: 422609

Ion Ratio Lower Upper

112 100

64 61.4 46.1 69.1

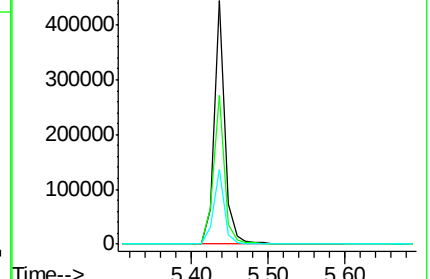
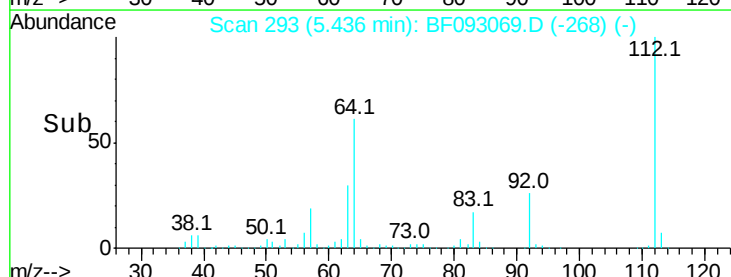
63 30.4 23.8 35.6



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: 28.03 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF093069.D

Acq: 21 Feb 2017 11:46

Instrument :

BNA_F

ClientSampleId :

021517-PRRT-F-U-S

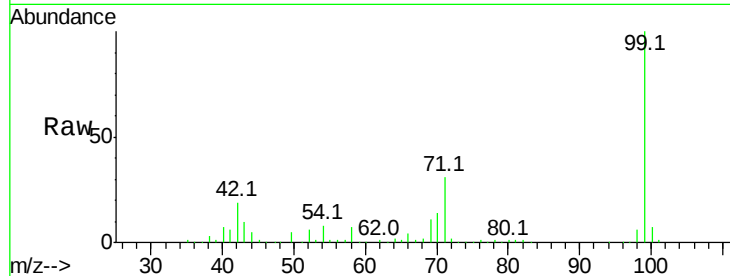
Tot Ion: 99 Resp: 341015

Ion Ratio Lower Upper

99 100

42 18.9 15.6 23.4

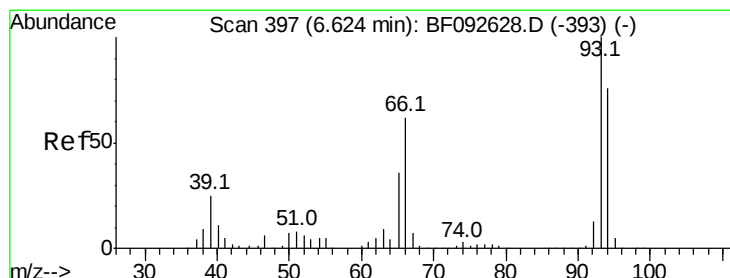
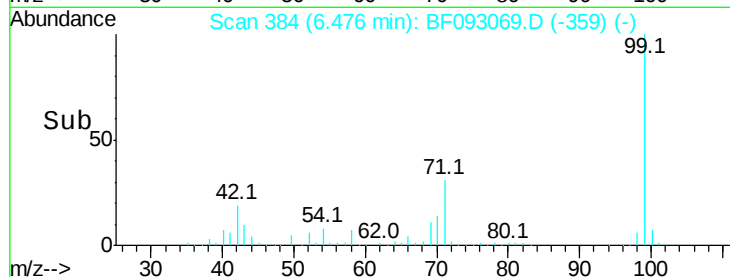
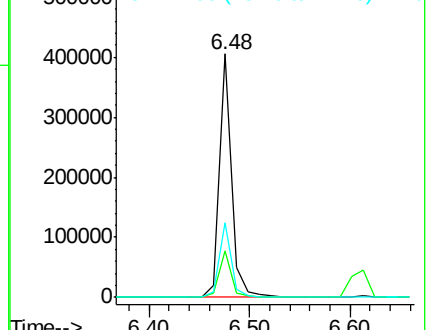
71 30.6 27.5 41.3



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: 2.02 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.02 min

Lab File: BF093069.D

Acq: 21 Feb 2017 11:46

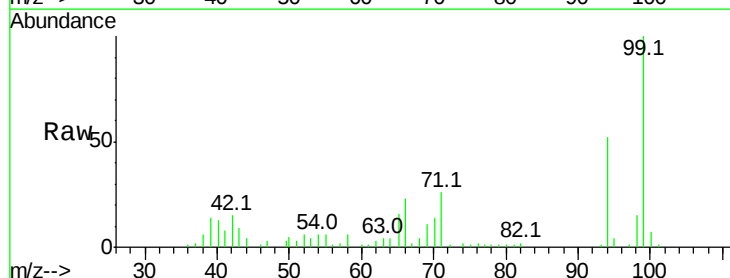
Tgt Ion: 94 Resp: 28745

Ion Ratio Lower Upper

94 100

65 31.2 21.4 61.4

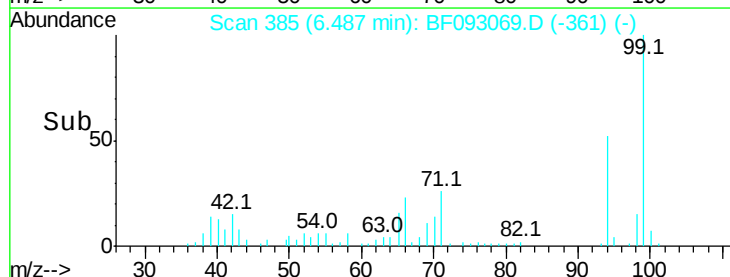
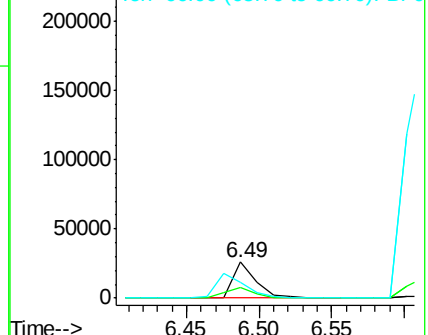
66 44.2 44.0 84.0

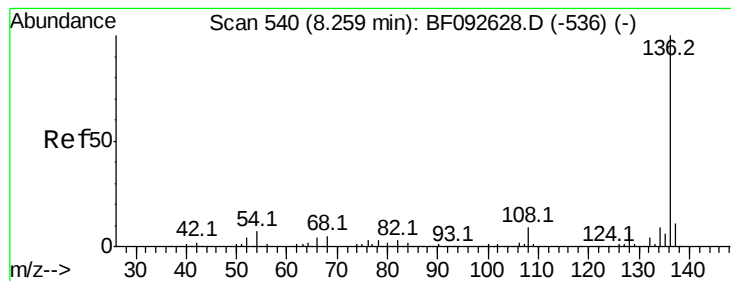


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

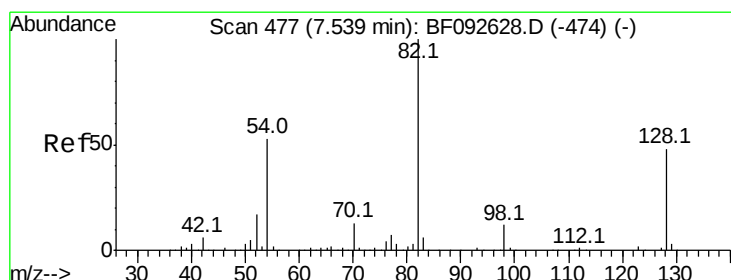
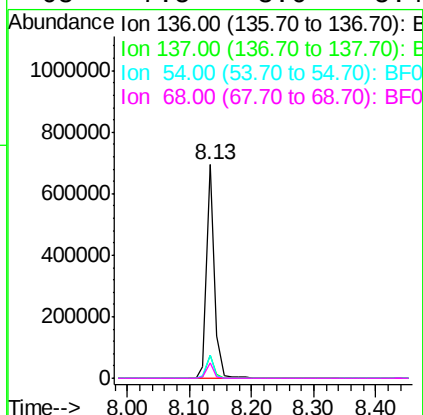
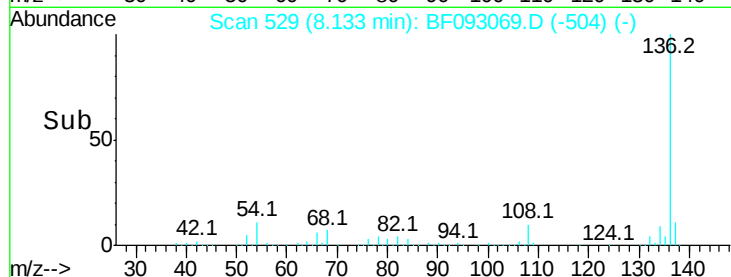
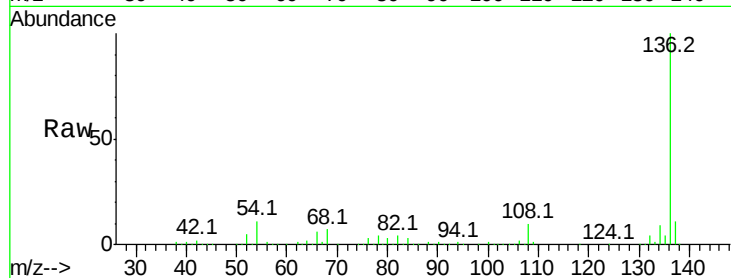




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF093069.D
Acq: 21 Feb 2017 11:46

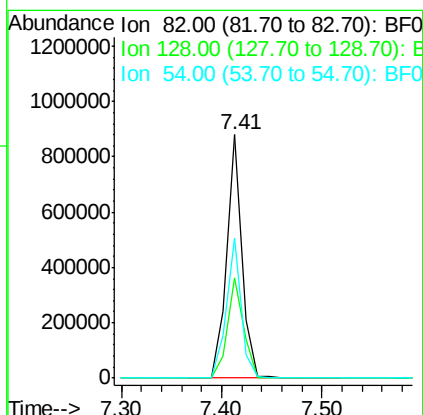
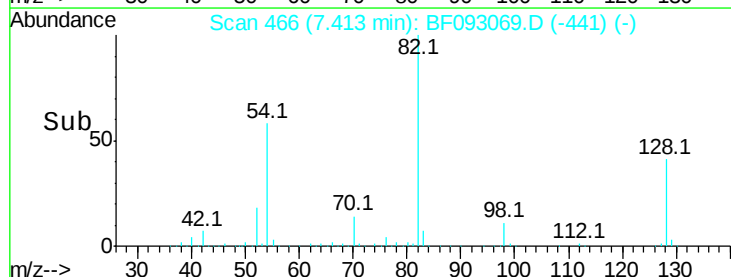
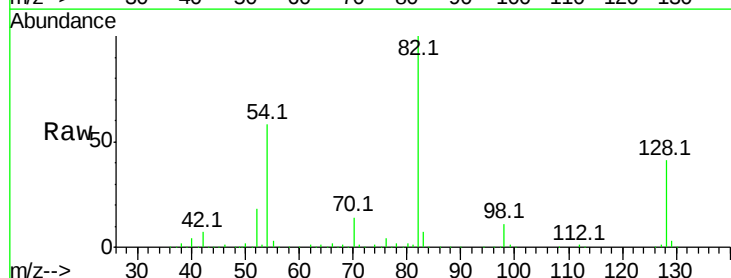
Instrument :
BNA_F
ClientSampleId :
021517-PRRT-F-U-S

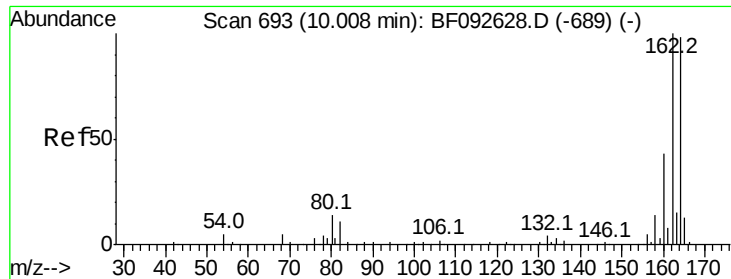
Tot Ion:136	Resp: 613559
Ion Ratio	Lower Upper
136 100	
137 10.8	8.4 12.6
54 10.7	4.5 6.7#
68 7.5	3.6 5.4#



#23
Nitrobenzene-d5
Concen: 84.56 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.01 min
Lab File: BF093069.D
Acq: 21 Feb 2017 11:46

Tgt	Ion: 82	Resp:	931709
Ion	Ratio	Lower	Upper
82	100		
128	41.0	34.6	52.0
54	57.7	39.5	59.3

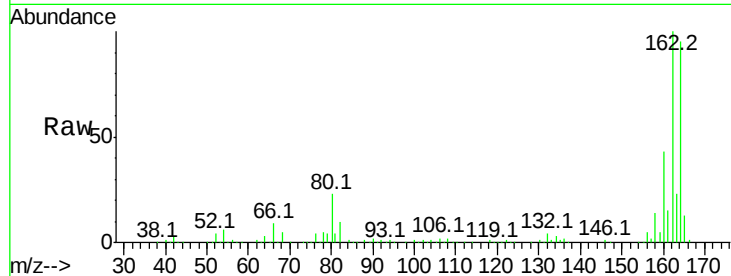




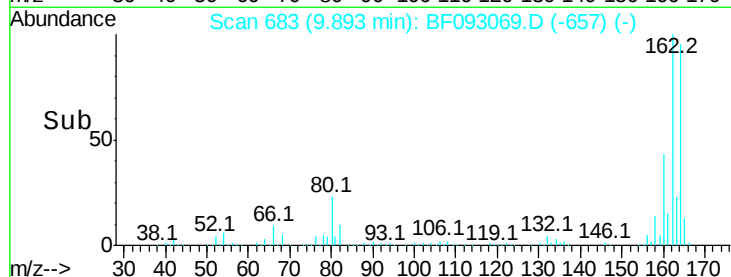
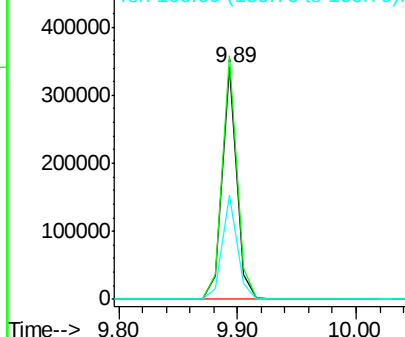
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.00 min
Lab File: BF093069.D
Acq: 21 Feb 2017 11:46

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

Tot Ion:164 Resp: 284918
Ion Ratio Lower Upper
164 100
162 105.2 80.2 120.2
160 44.9 36.9 55.3

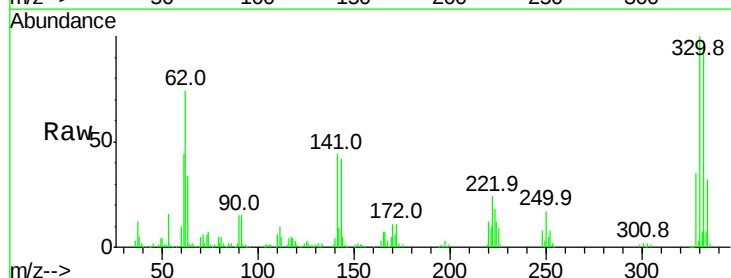


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

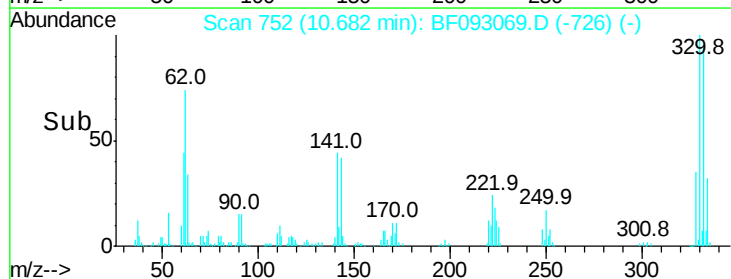
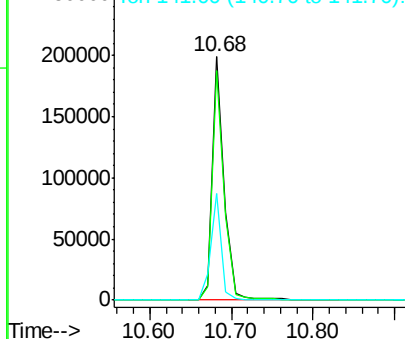


#41
2,4,6-Tribromophenol
Concen: 99.03 ng
RT: 10.68 min Scan# 752
Delta R.T. -0.00 min
Lab File: BF093069.D
Acq: 21 Feb 2017 11:46

Tgt Ion:330 Resp: 204077
Ion Ratio Lower Upper
330 100
332 94.6 77.4 116.2
141 40.3 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



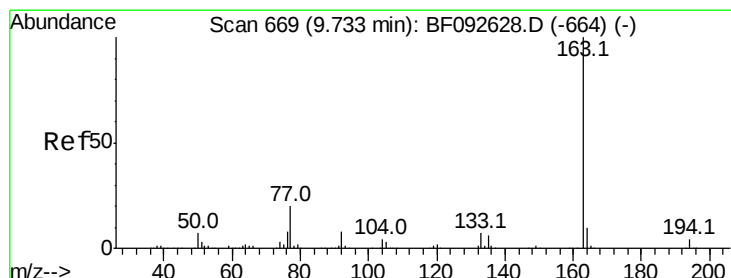
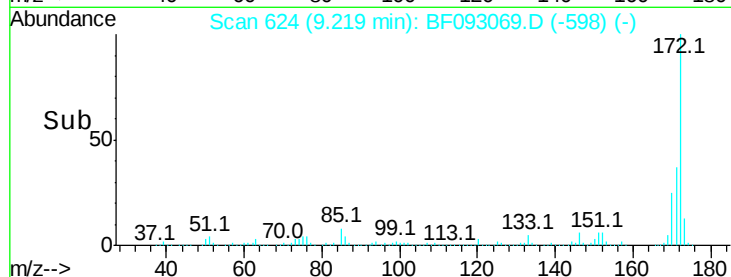
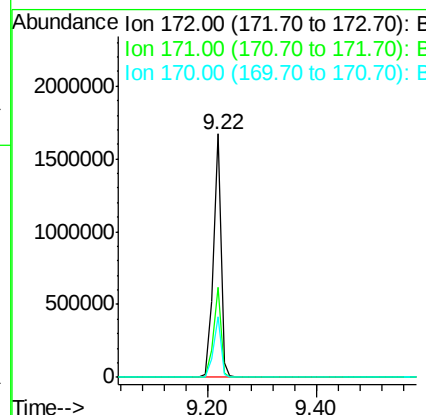
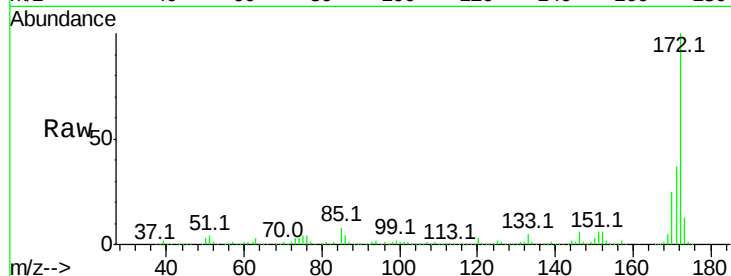


#44
 2-Fluorobiphenyl
 Concen: 102.40 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.00 min
 Lab File: BF093069.D
 Acq: 21 Feb 2017 11:46

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

Tot Ion:172 Resp: 1610412

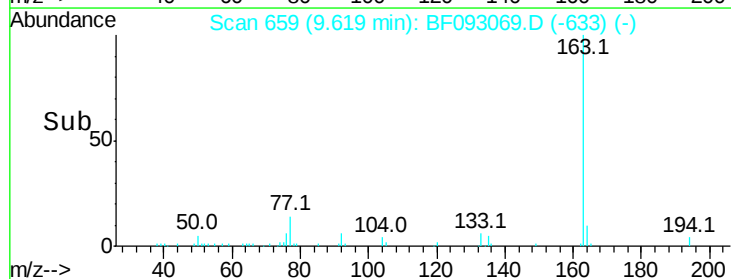
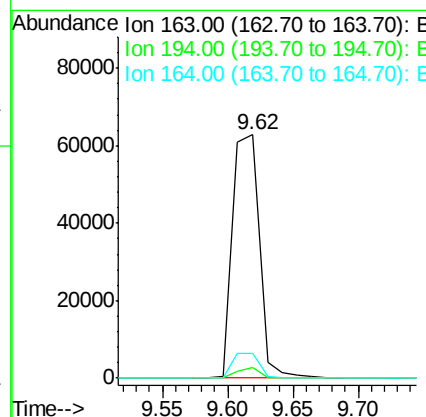
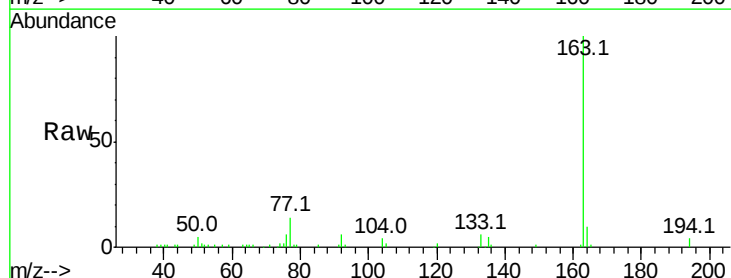
Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.4	44.0
170	24.8	20.2	30.4

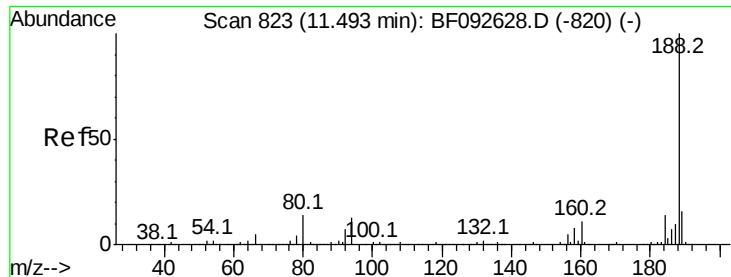


#49
 Dimethylphthalate
 Concen: 4.68 ng
 RT: 9.62 min Scan# 659
 Delta R.T. -0.00 min
 Lab File: BF093069.D
 Acq: 21 Feb 2017 11:46

Tgt Ion:163 Resp: 89865

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.0	4.4#
164	10.1	8.0	12.0

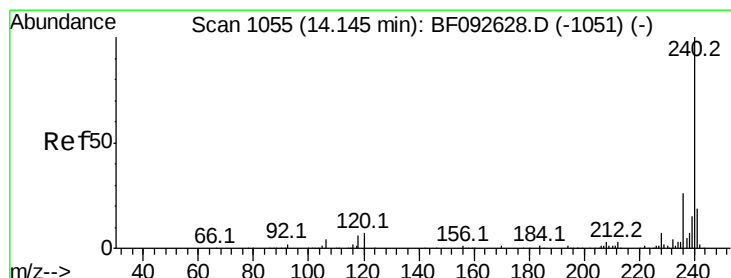
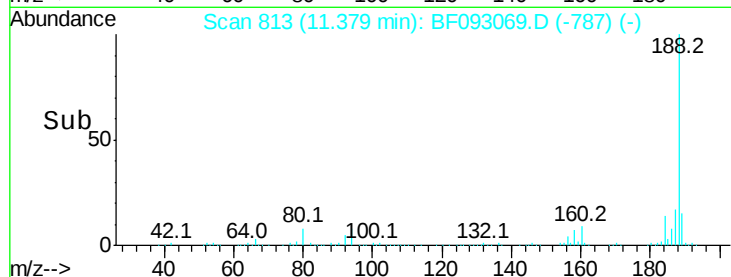
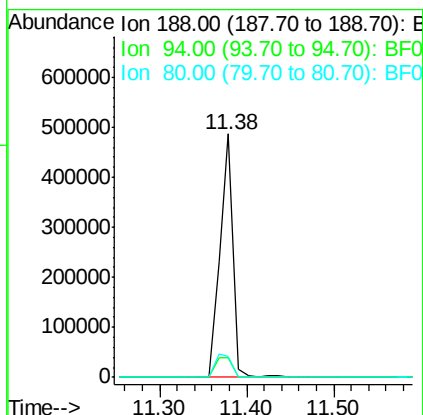
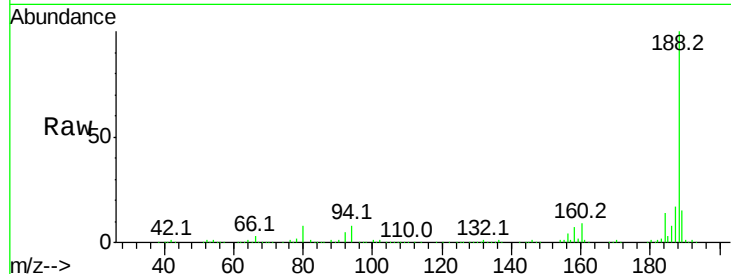




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF093069.D
Acq: 21 Feb 2017 11:46

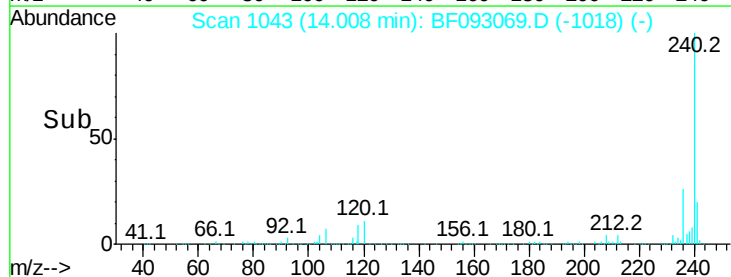
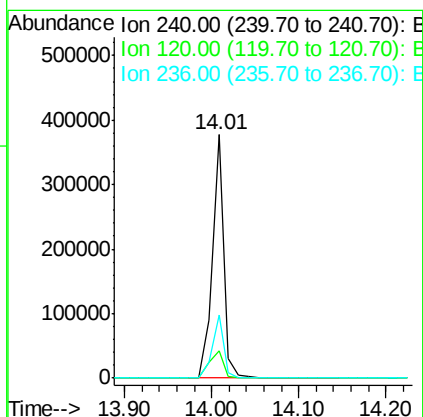
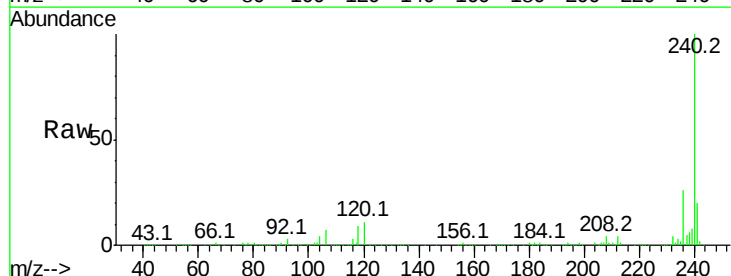
Instrument :
BNA_F
ClientSampleId :
021517-PRRT-F-U-S

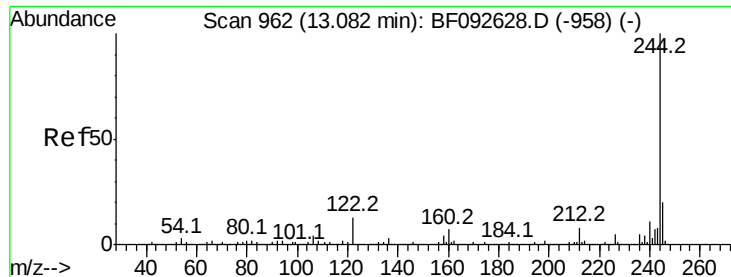
Tot Ion:188 Resp: 512711
Ion Ratio Lower Upper
188 100
94 8.3 10.0 15.0#
80 8.4 11.2 16.8#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF093069.D
Acq: 21 Feb 2017 11:46

Tgt Ion:240 Resp: 349642
Ion Ratio Lower Upper
240 100
120 11.4 12.9 19.3#
236 26.1 20.9 31.3





#78

Terphenyl-d14

Concen: 85.20 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF093069.D

Acq: 21 Feb 2017 11:46

Instrument :

BNA_F

ClientSampleId :

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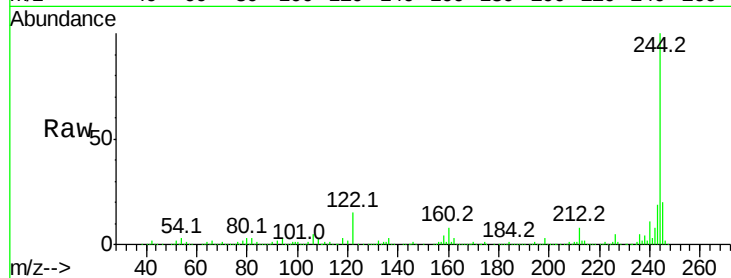
Tot Ion:244 Resp: 1267809

Ion Ratio Lower Upper

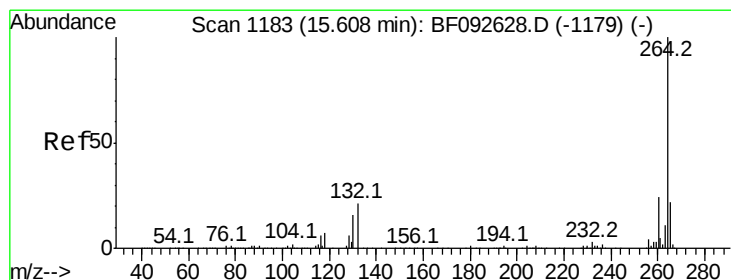
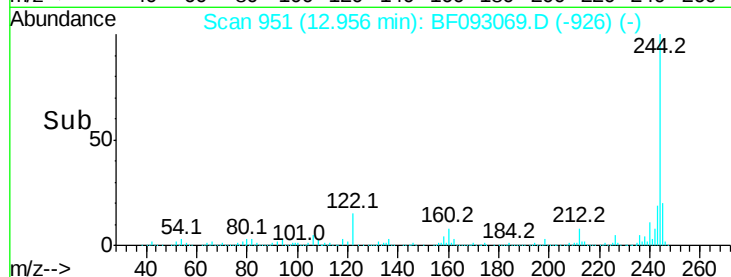
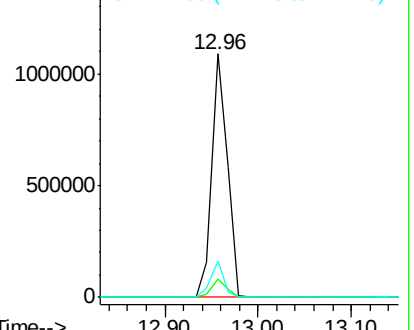
244 100

212 7.6 6.2 9.2

122 14.7 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: 15.44 min Scan# 1168

Delta R.T. -0.01 min

Lab File: BF093069.D

Acq: 21 Feb 2017 11:46

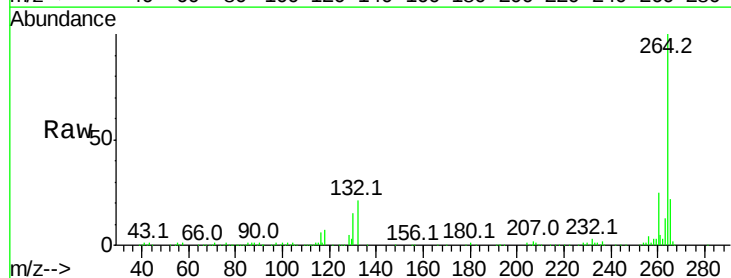
Tgt Ion:264 Resp: 291821

Ion Ratio Lower Upper

264 100

260 24.6 19.2 28.8

265 22.2 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

