

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022317\
 Data File : BF093142.D
 Acq On : 24 Feb 2017 10:39
 Operator : SJ/MA
 Sample : I1947-01
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 022117-PRRT-E-D-M

Quant Time: Feb 24 12:14:07 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	149199	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	536088	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	212259	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	308631	20.00	ng	-0.02
75) Chrysene-d12	14.00	240	296594	20.00	ng	-0.02
86) Perylene-d12	15.43	264	250601	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	309001	35.53	ng	-0.01
7) Phenol-d6	6.48	99	233649	20.88	ng	-0.01
23) Nitrobenzene-d5	7.41	82	856290	88.95	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	126433	82.36	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1318343	112.52	ng	-0.01
78) Terphenyl-d14	12.94	244	794958	62.98	ng	-0.02

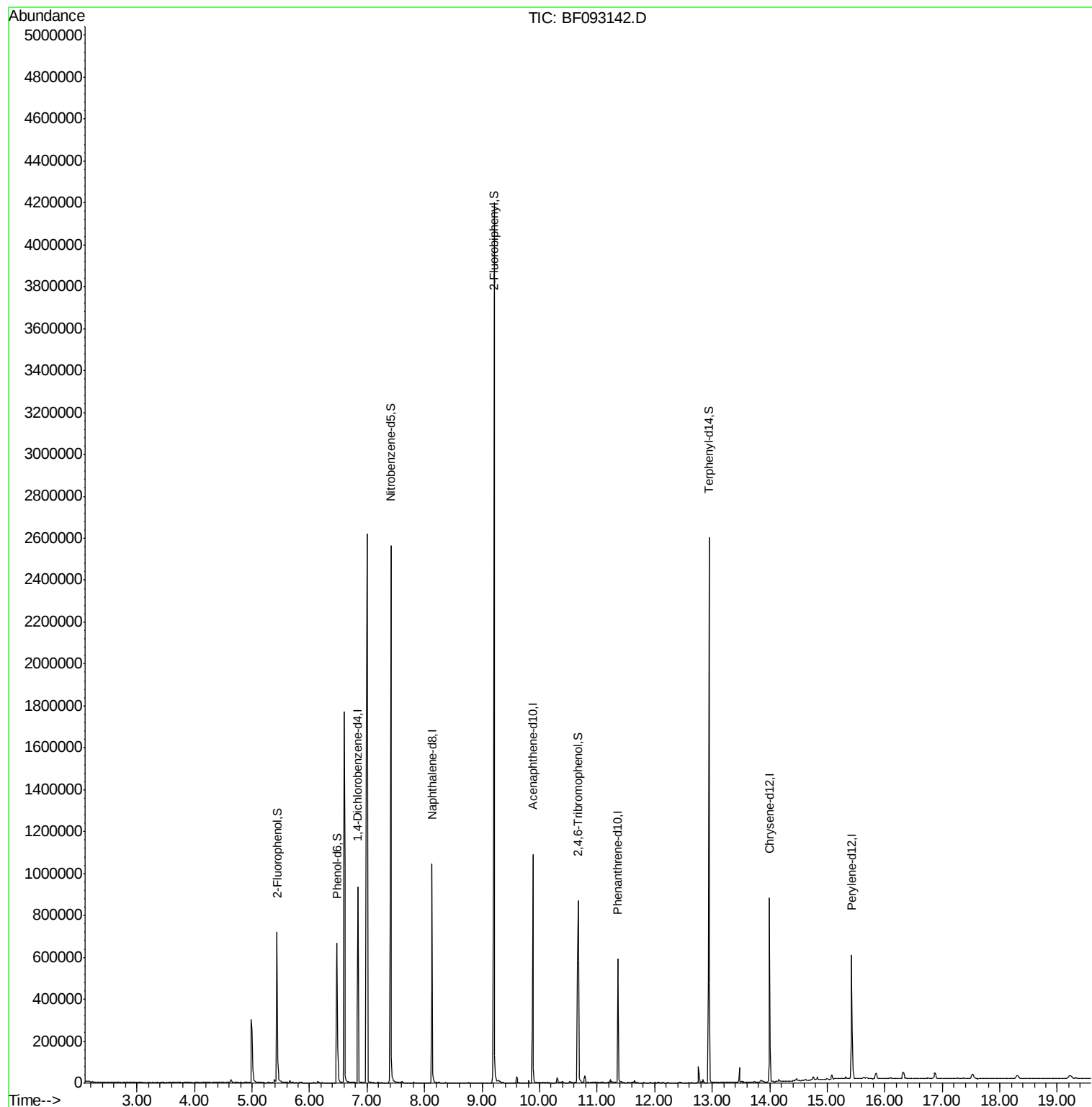
Target Compounds Qvalue

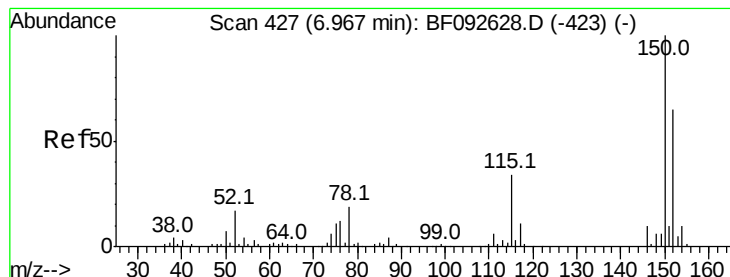
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF093142.D

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Instrument :

BNA_F

ClientSampleId :

022117-PRRT-E-D-M

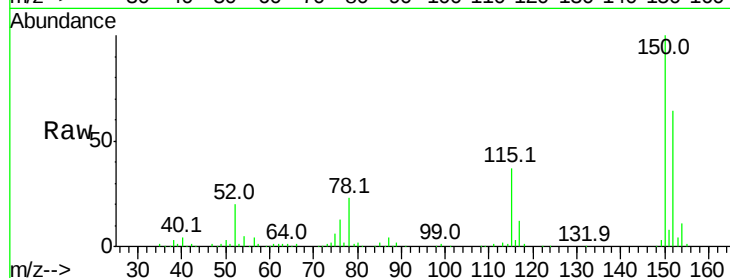
Tot Ion:152 Resp: 149199

Ion Ratio Lower Upper

152 100

150 155.9 124.9 187.3

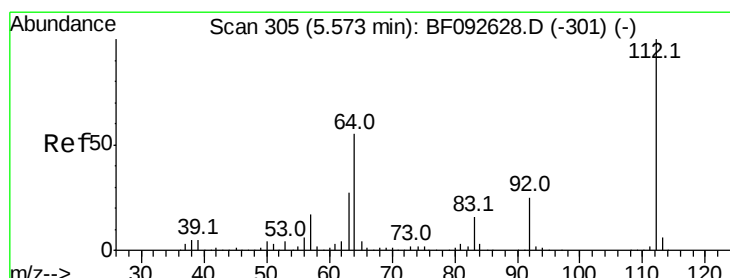
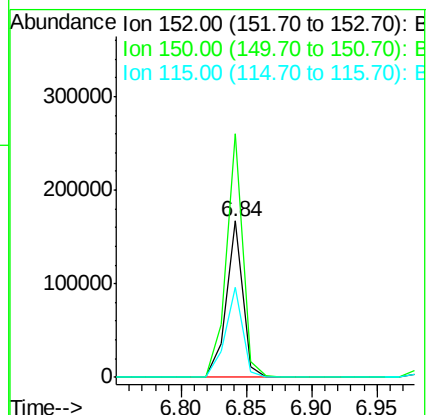
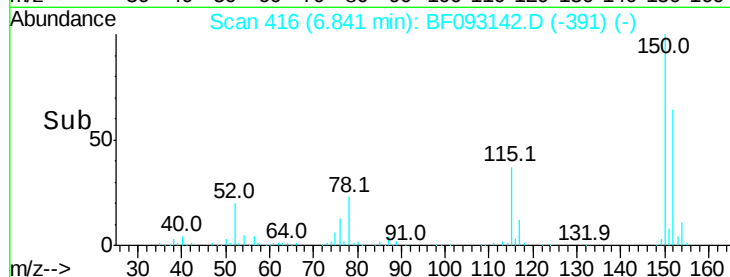
115 57.6 46.0 69.0



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: 35.53 ng

RT: 5.44 min Scan# 293

Delta R.T. -0.01 min

Lab File: BF093142.D

Acq: 24 Feb 2017 10:39

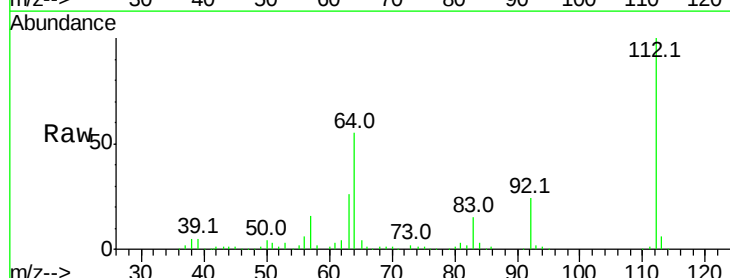
Tgt Ion:112 Resp: 309001

Ion Ratio Lower Upper

112 100

64 54.8 46.1 69.1

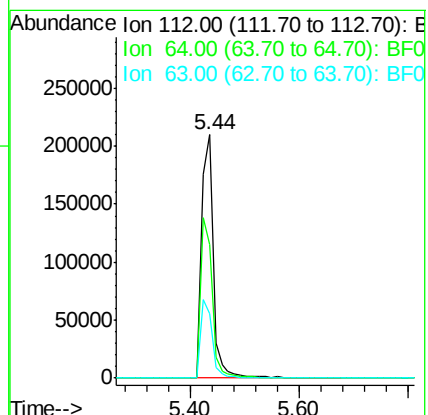
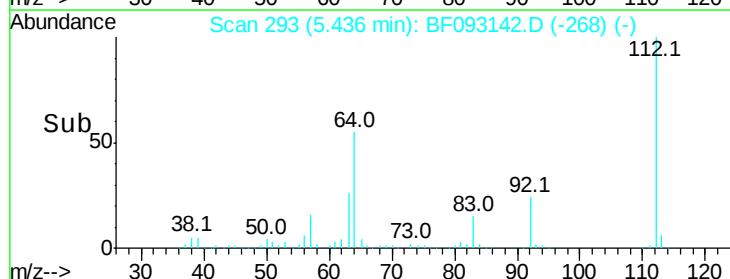
63 26.4 23.8 35.6

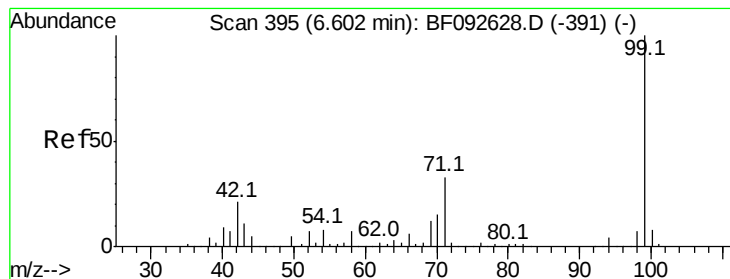


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 20.88 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF093142.D

Acq: 24 Feb 2017 10:39

Instrument :

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022117-PRRT-E-D-M

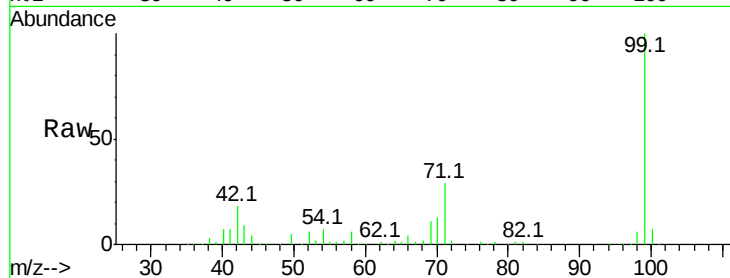
Tot Ion: 99 Resp: 233649

Ion Ratio Lower Upper

99 100

42 17.5 15.6 23.4

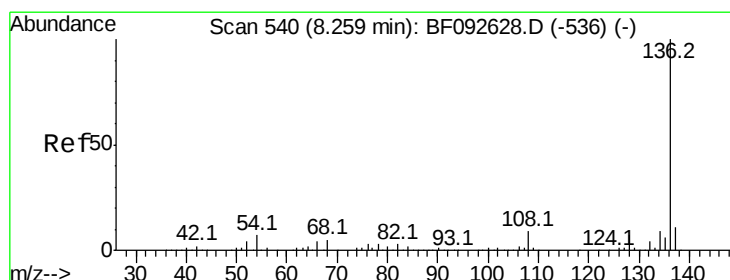
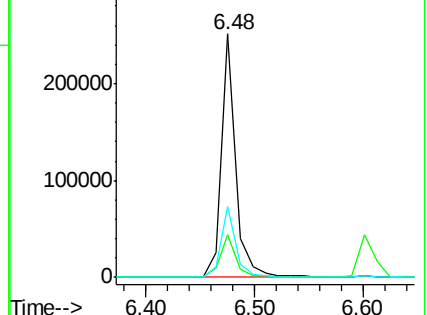
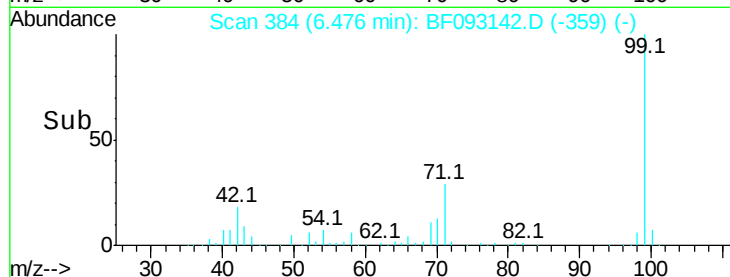
71 28.9 27.5 41.3



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: 8.13 min Scan# 529

Delta R.T. -0.01 min

Lab File: BF093142.D

Acq: 24 Feb 2017 10:39

Tgt Ion: 136 Resp: 536088

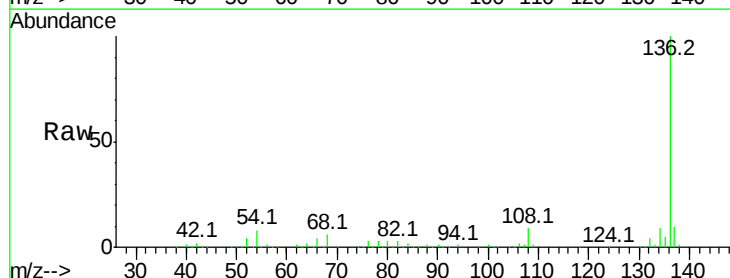
Ion Ratio Lower Upper

136 100

137 10.3 8.4 12.6

54 7.9 4.5 6.7#

68 5.8 3.6 5.4#

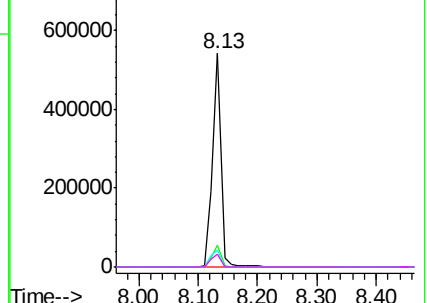
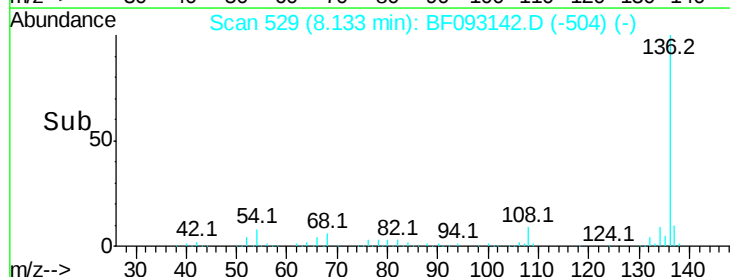


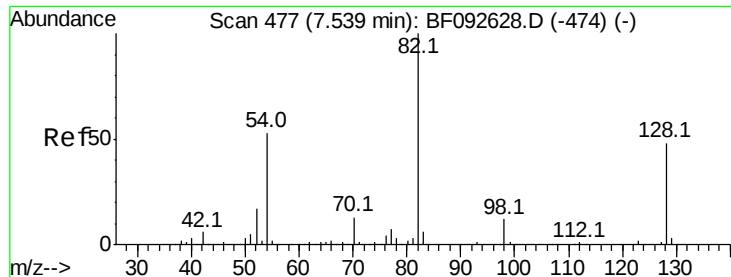
Abundance Ion 136.00 (135.70 to 136.70): E

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

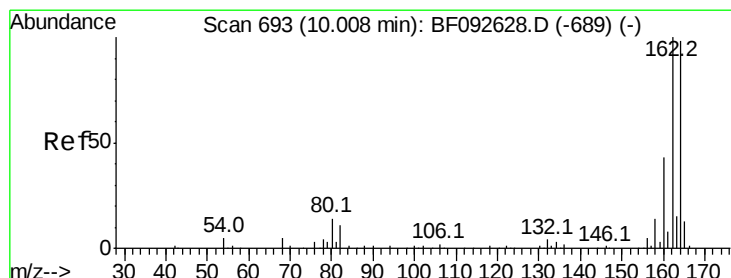
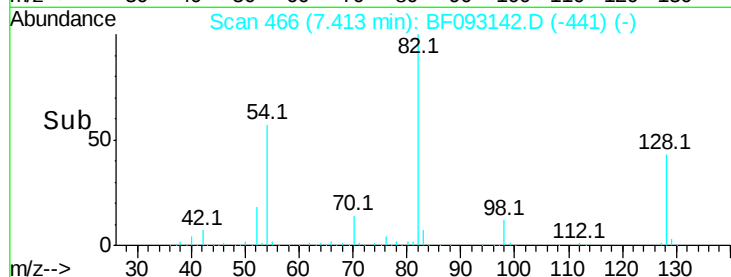
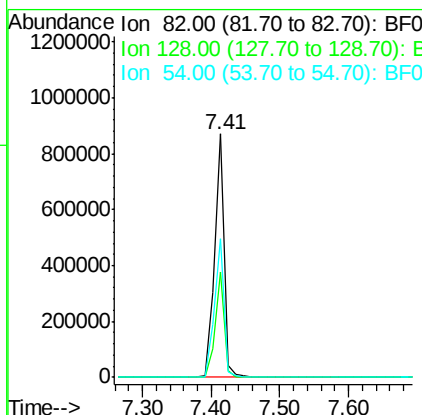
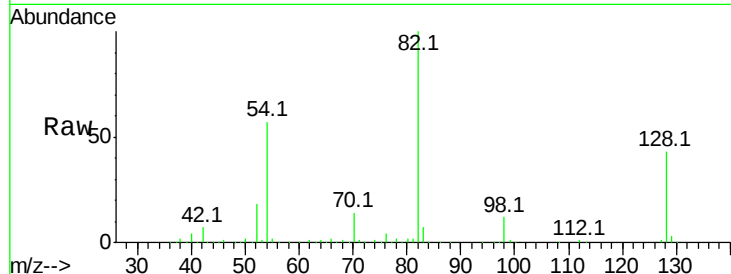




#23
 Nitrobenzene-d5
 Concen: 88.95 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.01 min
 Lab File: BF093142.D
 Acq: 24 Feb 2017 10:39

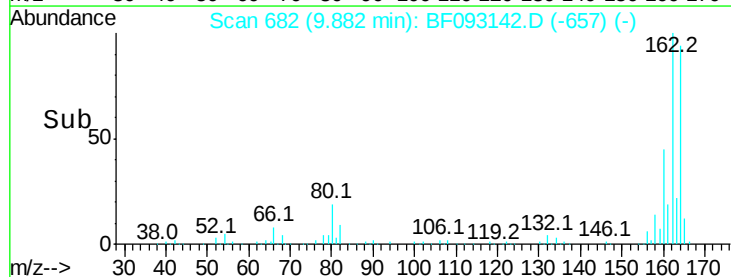
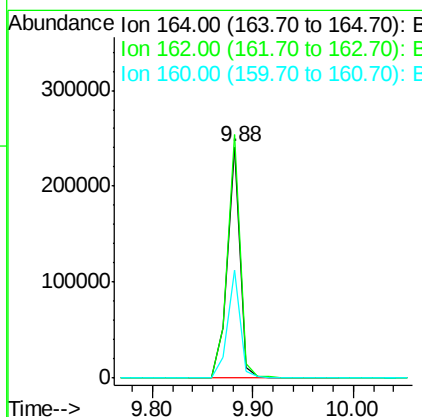
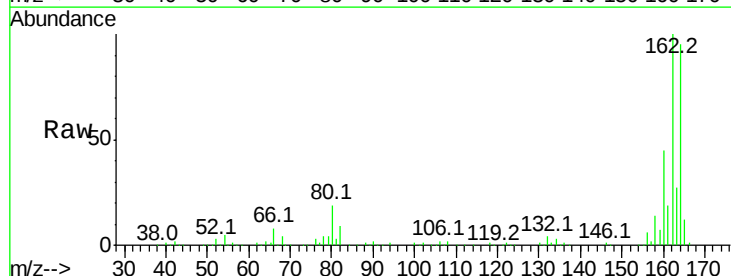
Instrument :
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 022117-PRRT-E-D-M

Tot Ion	82	Resp	856290
Ion Ratio	100	Lower	Upper
128	43.1	34.6	52.0
54	56.8	39.5	59.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.88 min Scan# 682
 Delta R.T. -0.01 min
 Lab File: BF093142.D
 Acq: 24 Feb 2017 10:39

Tgt Ion	164	Resp	212259
Ion Ratio	100	Lower	Upper
162	105.2	80.2	120.2
160	46.9	36.9	55.3

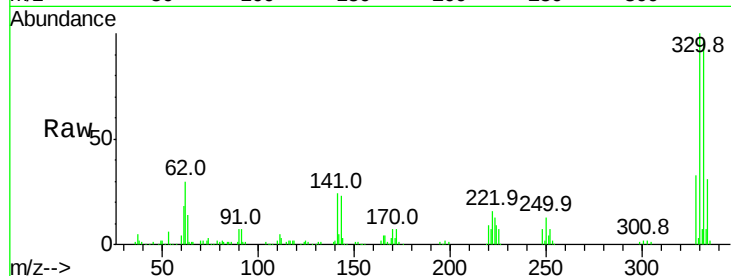




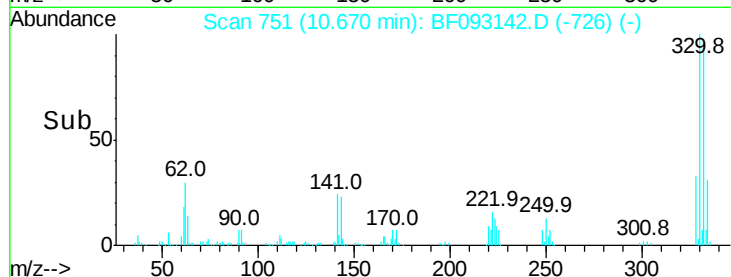
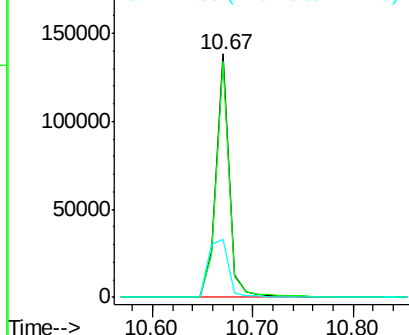
#41
 2,4,6-Tribromophenol
 Concen: 82.36 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF093142.D
 Acq: 24 Feb 2017 10:39

Instrument :
 BNA_F
 ClientSampleId :
 022117-PRRT-E-D-M

Tot Ion:330 Resp: 126433
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.4 116.2
 141 37.3 34.1 51.1

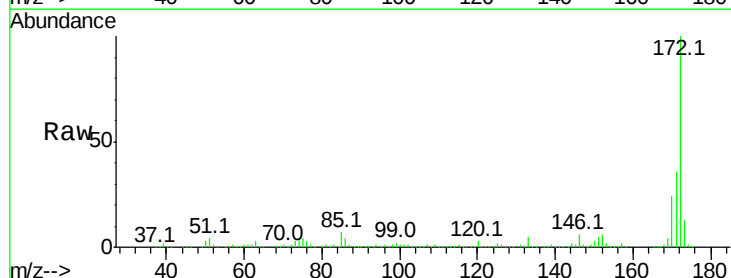


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

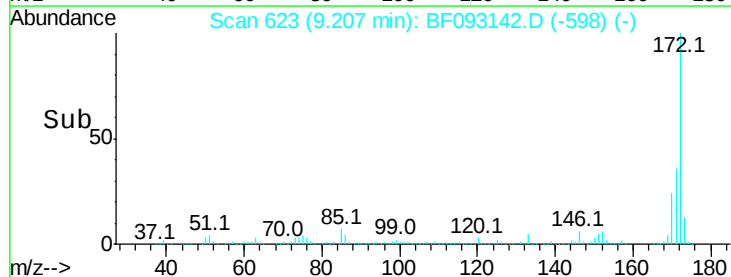
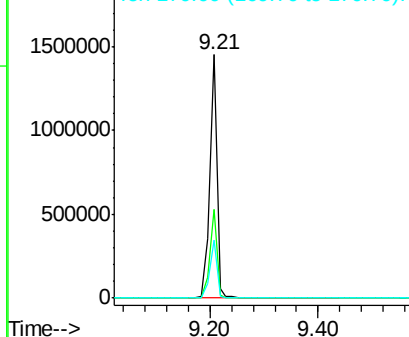


#44
 2-Fluorobiphenyl
 Concen: 112.52 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF093142.D
 Acq: 24 Feb 2017 10:39

Tgt Ion:172 Resp: 1318343
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.4 44.0
 170 24.0 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

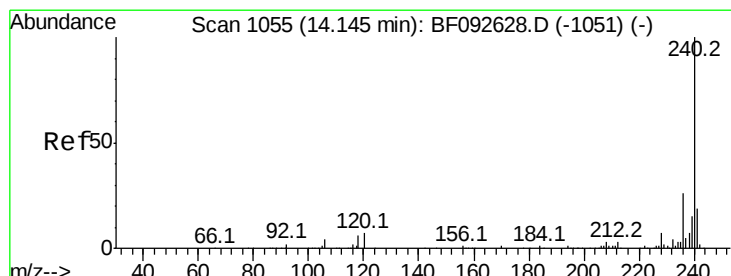
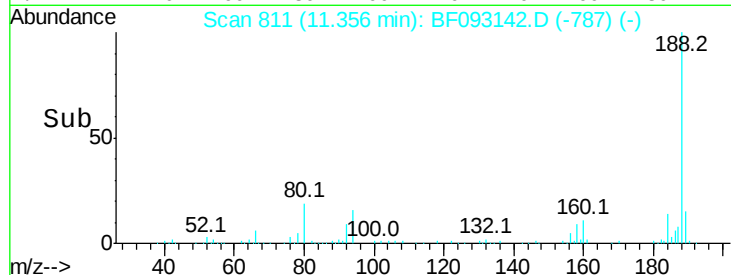
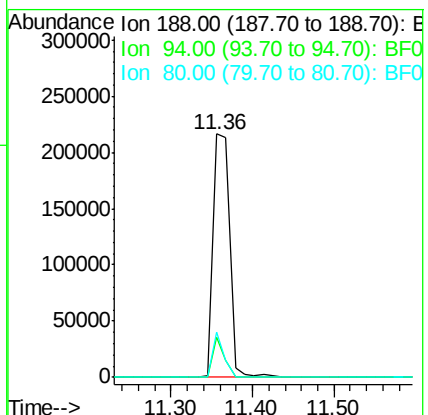
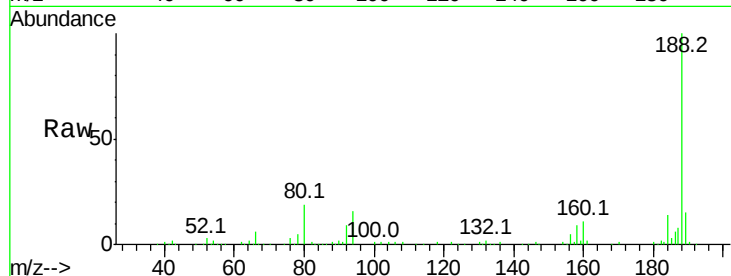




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF093142.D
Acq: 24 Feb 2017 10:39

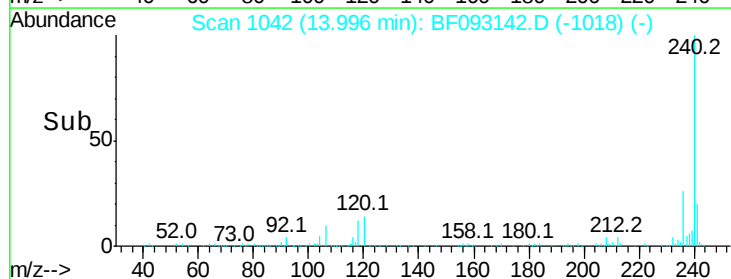
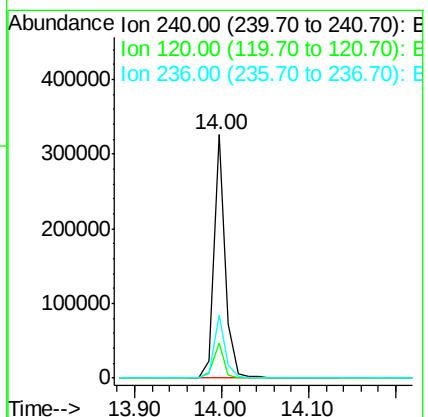
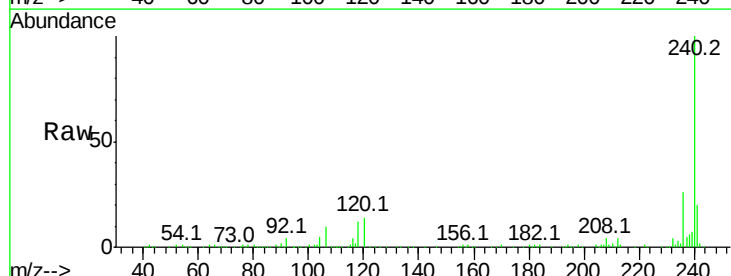
Instrument :
BNA_F
ClientSampleId :
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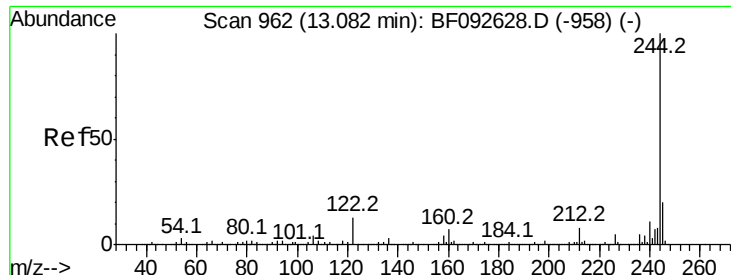
Tot Ion:188 Resp: 308631
Ion Ratio Lower Upper
188 100
94 16.3 10.0 15.0#
80 18.8 11.2 16.8#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.02 min
Lab File: BF093142.D
Acq: 24 Feb 2017 10:39

Tgt Ion:240 Resp: 296594
Ion Ratio Lower Upper
240 100
120 14.4 12.9 19.3
236 26.0 20.9 31.3

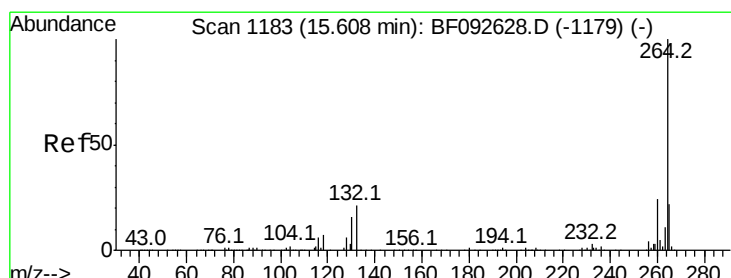
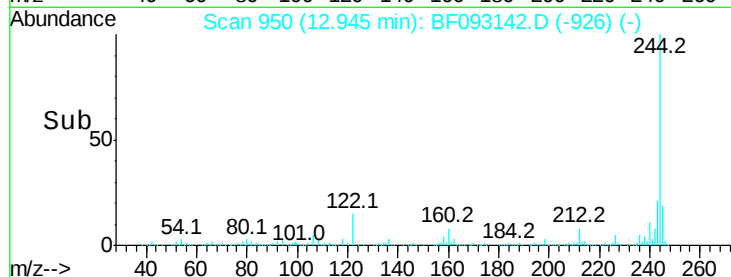
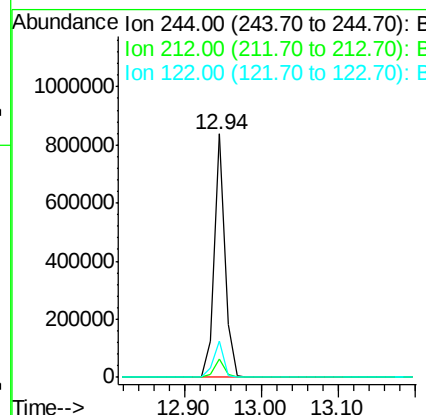
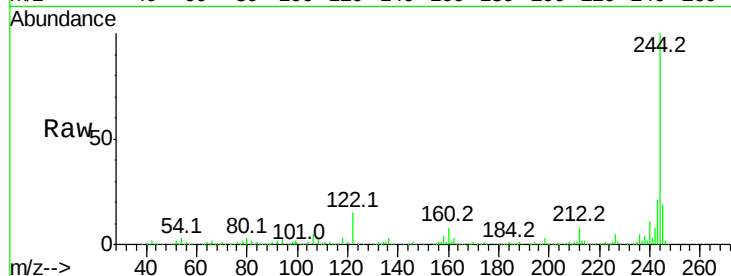




#78
 Terphenyl-d14
 Concen: 62.98 ng
 RT: 12.94 min Scan# 950
 Delta R.T. -0.02 min
 Lab File: BF093142.D
 Acq: 24 Feb 2017 10:39

Instrument :
 BNA_F
 ClientSampleId :
 022117-PRRT-E-D-M

Tot Ion:244 Resp: 794958
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.2
 122 14.7 11.4 17.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.43 min Scan# 1167
 Delta R.T. -0.02 min
 Lab File: BF093142.D
 Acq: 24 Feb 2017 10:39

Tgt Ion:264 Resp: 250601
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.2 28.8
 265 21.2 17.4 26.0

