

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020817\
 Data File : BF092858.D
 Acq On : 8 Feb 2017 17:34
 Operator : SJ/MA
 Sample : PB96823BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB96823BL

Quant Time: Feb 09 00:02:07 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 08 23:48:40 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	129485	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	541987	20.00	ng	-0.01
38) Acenaphthene-d10	9.93	164	279215	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	492387	20.00	ng	-0.01
75) Chrysene-d12	14.05	240	466261	20.00	ng	-0.01
86) Perylene-d12	15.51	264	425283	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1043425	138.25	ng	0.01
7) Phenol-d6	6.53	99	1235192	127.19	ng	0.00
23) Nitrobenzene-d5	7.46	82	800835	82.28	ng	-0.01
41) 2,4,6-Tribromophenol	10.73	330	312264	154.63	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	1397728	90.69	ng	-0.01
78) Terphenyl-d14	13.00	244	1533360	77.27	ng	-0.01

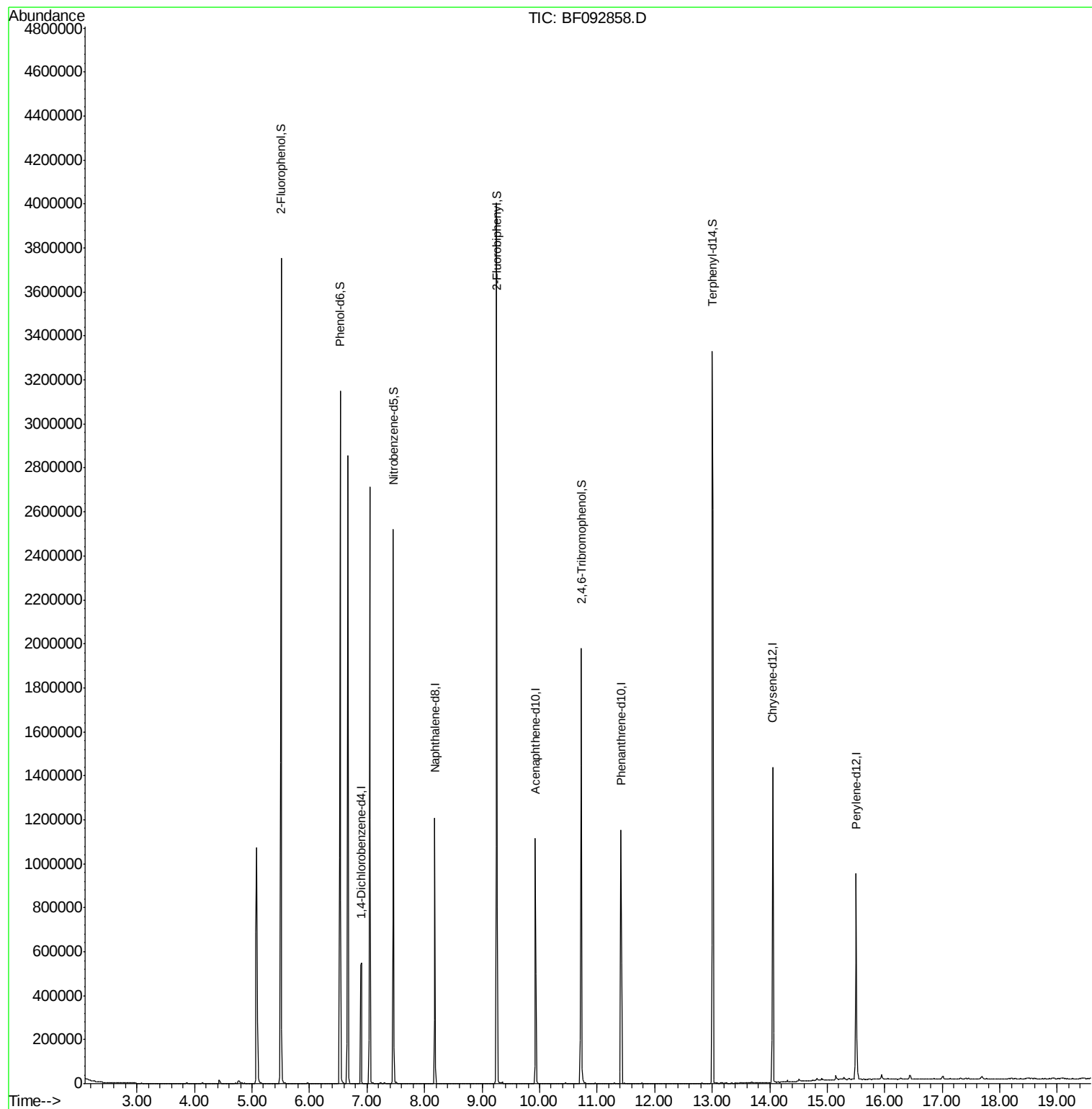
Target Compounds	Qvalue
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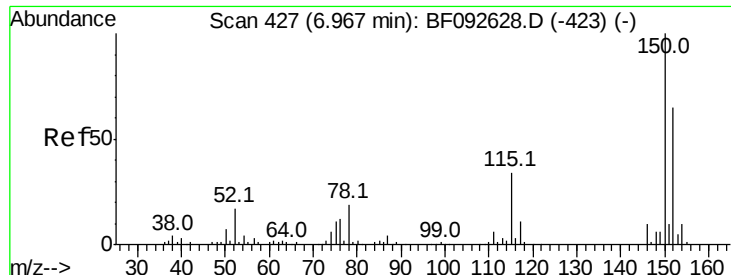
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 421

Delta R.T. 0.00 min

Lab File: BF092858.D

Acq: 8 Feb 2017 17:34

Instrument :

BNA_F

ClientSampleId :

PB96823BL

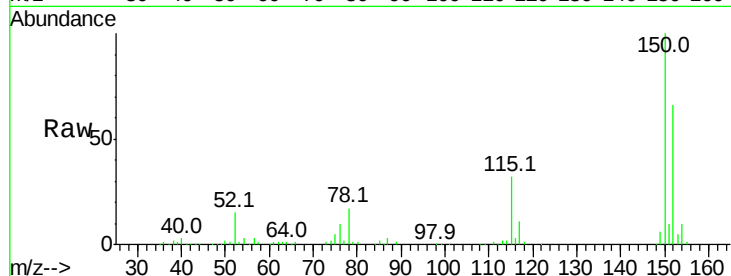
Tot Ion:152 Resp: 129485

Ion Ratio Lower Upper

152 100

150 150.9 124.9 187.3

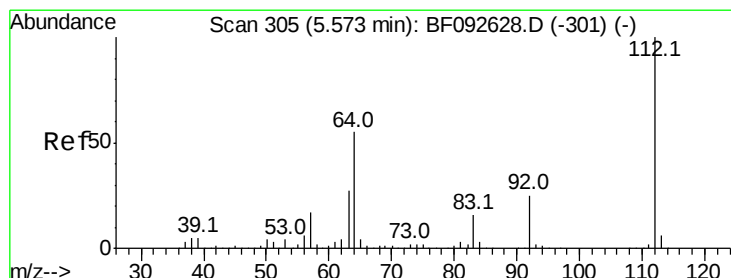
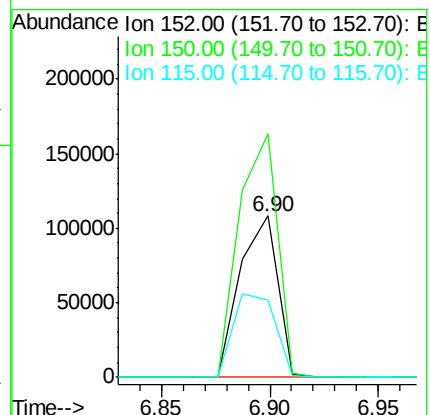
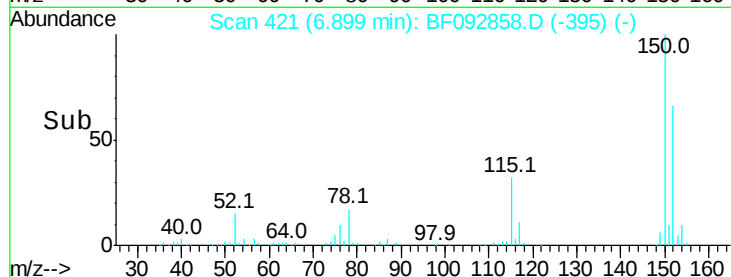
115 47.7 46.0 69.0



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: 138.25 ng

RT: 5.50 min Scan# 299

Delta R.T. 0.01 min

Lab File: BF092858.D

Acq: 8 Feb 2017 17:34

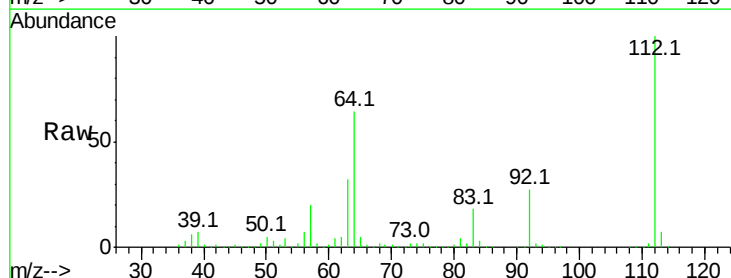
Tgt Ion:112 Resp: 1043425

Ion Ratio Lower Upper

112 100

64 64.0 46.1 69.1

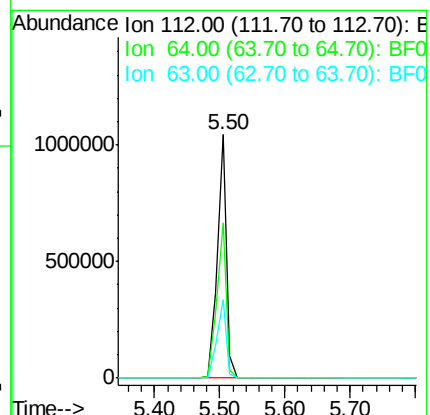
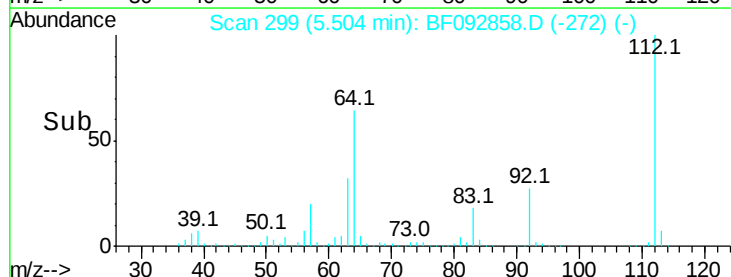
63 32.3 23.8 35.6

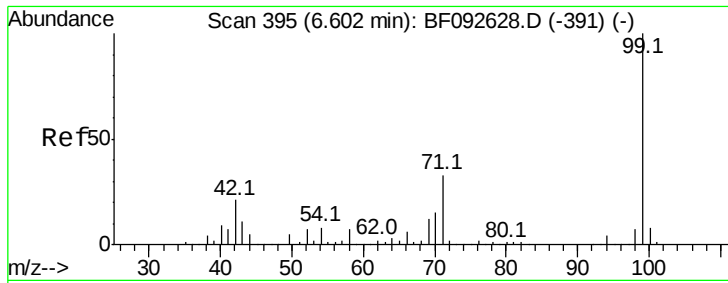


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 127.19 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF092858.D

Acq: 8 Feb 2017 17:34

Instrument :

BNA_F

ClientSampled :

PB96823BL

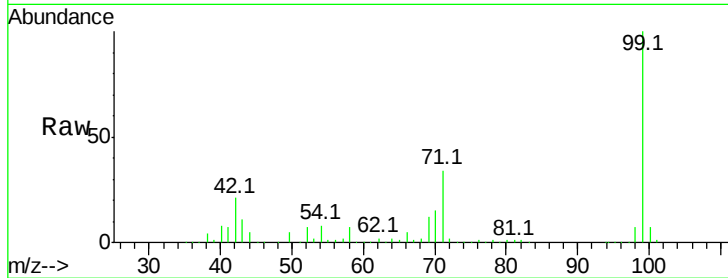
Tot Ion: 99 Resp: 1235192

Ion Ratio Lower Upper

99 100

42 20.9 15.6 23.4

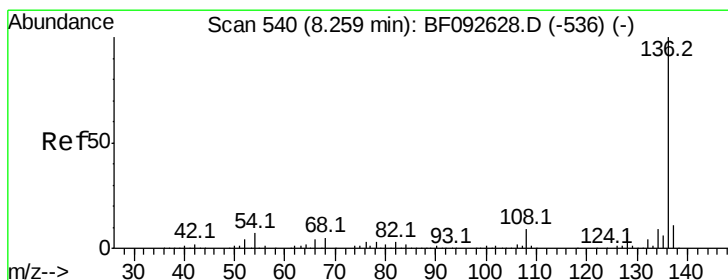
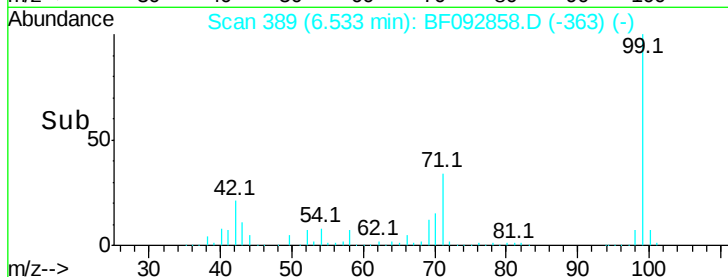
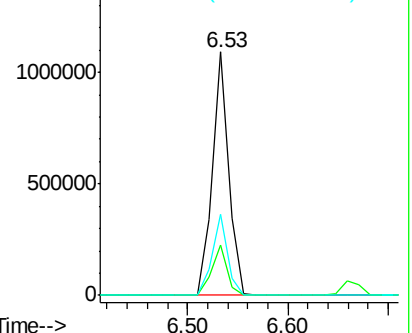
71 33.5 27.5 41.3



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: 8.18 min Scan# 533

Delta R.T. -0.01 min

Lab File: BF092858.D

Acq: 8 Feb 2017 17:34

Tgt Ion:136 Resp: 541987

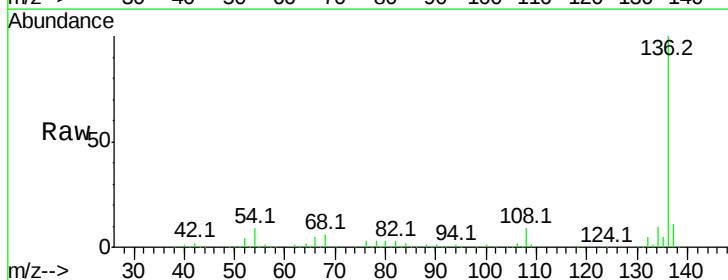
Ion Ratio Lower Upper

136 100

137 11.0 8.4 12.6

54 9.0 4.5 6.7#

68 6.1 3.6 5.4#

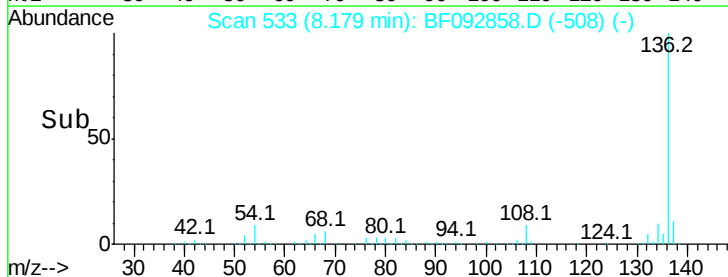
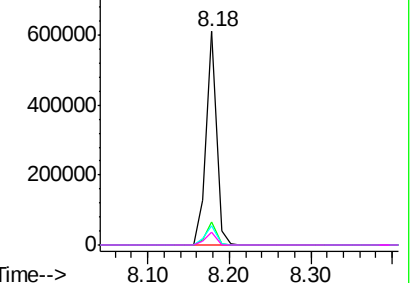


Abundance Ion 136.00 (135.70 to 136.70): E

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

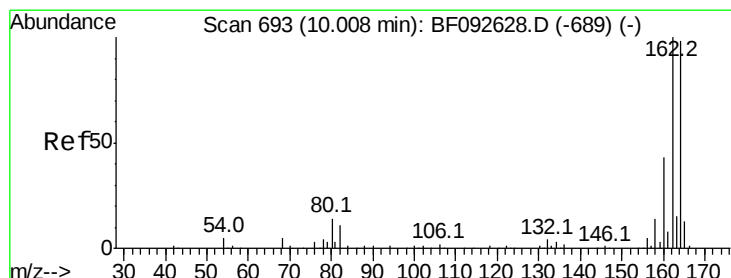
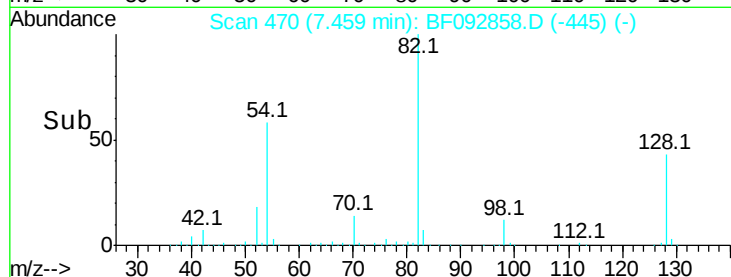
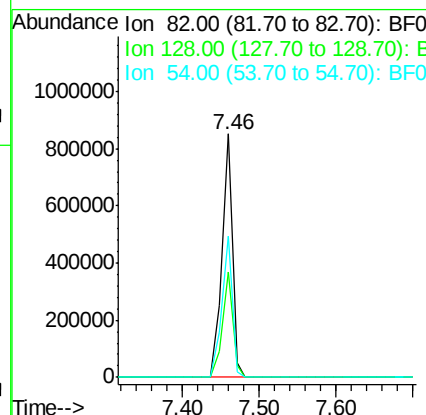
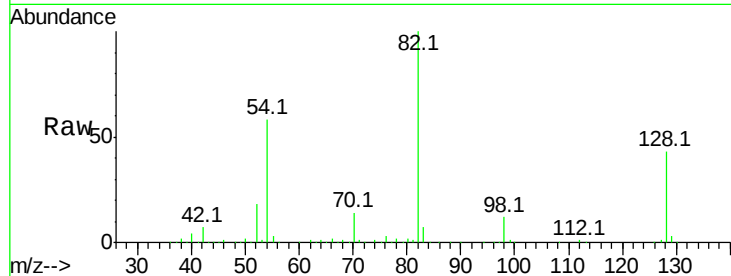




#23
 Nitrobenzene-d5
 Concen: 82.28 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.01 min
 Lab File: BF092858.D
 Acq: 8 Feb 2017 17:34

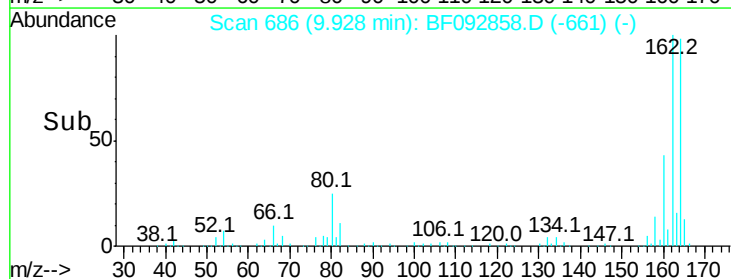
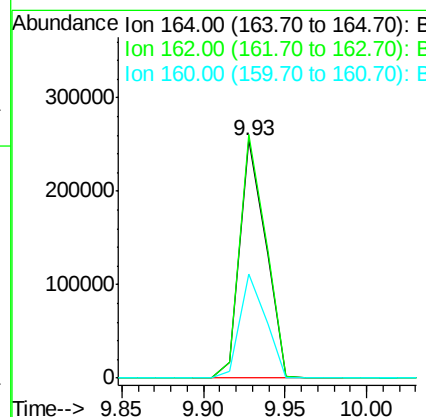
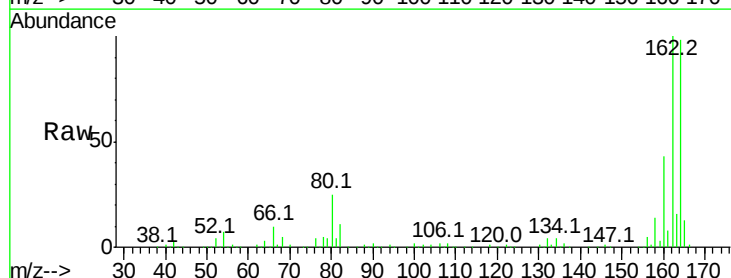
Instrument :
 BNA_F
 ClientSampled :
 PB96823BL

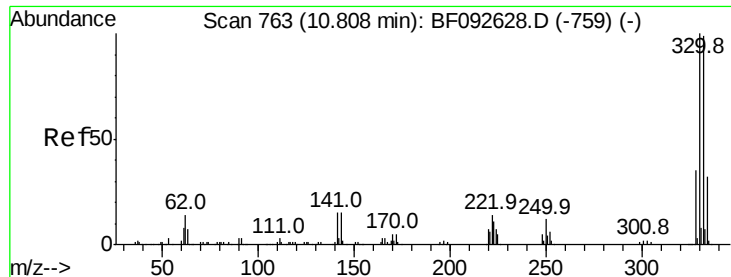
Tot Ion	82	Resp	800835
Ion Ratio	100	Lower	Upper
128	43.1	34.6	52.0
54	58.2	39.5	59.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.93 min Scan# 686
 Delta R.T. -0.01 min
 Lab File: BF092858.D
 Acq: 8 Feb 2017 17:34

Tgt Ion	164	Resp	279215
Ion Ratio	100	Lower	Upper
162	102.3	80.2	120.2
160	43.9	36.9	55.3

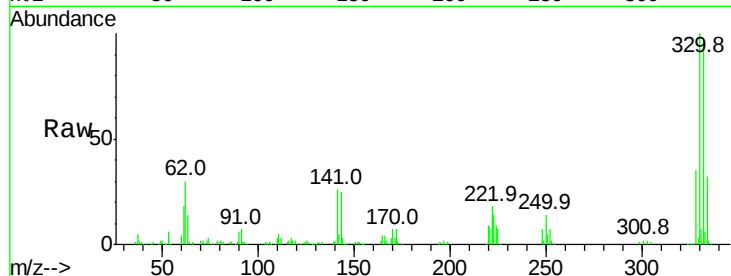




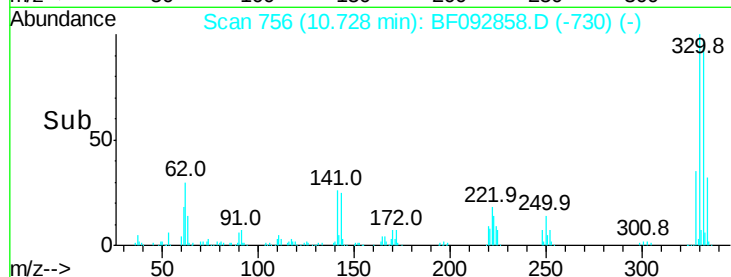
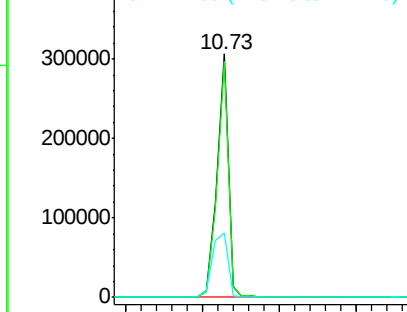
#41
 2,4,6-Tribromophenol
 Concen: 154.63 ng
 RT: 10.73 min Scan# 756
 Delta R.T. 0.00 min
 Lab File: BF092858.D
 Acq: 8 Feb 2017 17:34

Instrument :
 BNA_F
 ClientSampleId :
 PB96823BL

Tot Ion:330 Resp: 312264
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.4 116.2
 141 36.5 34.1 51.1

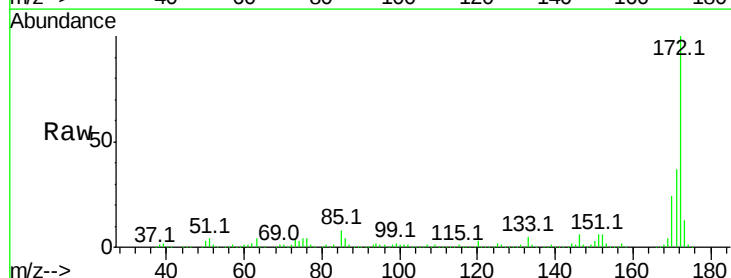


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

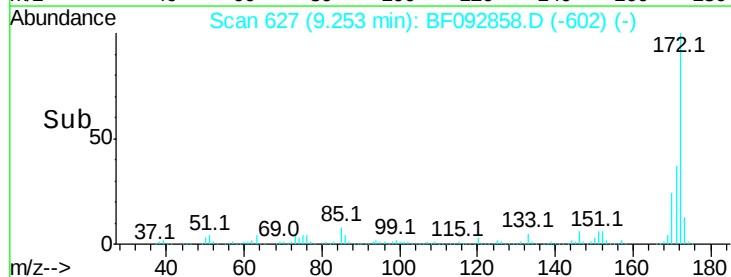
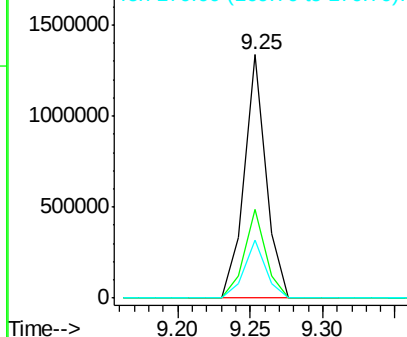


#44
 2-Fluorobiphenyl
 Concen: 90.69 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF092858.D
 Acq: 8 Feb 2017 17:34

Tgt Ion:172 Resp: 1397728
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.4 44.0
 170 24.1 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

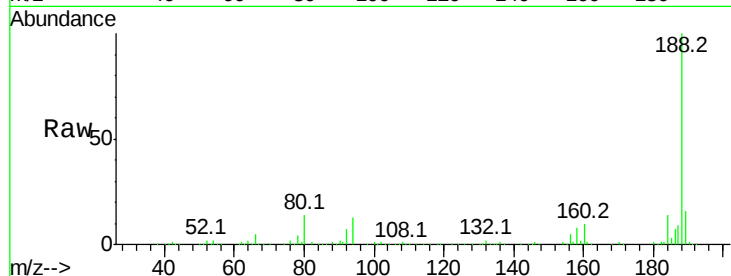




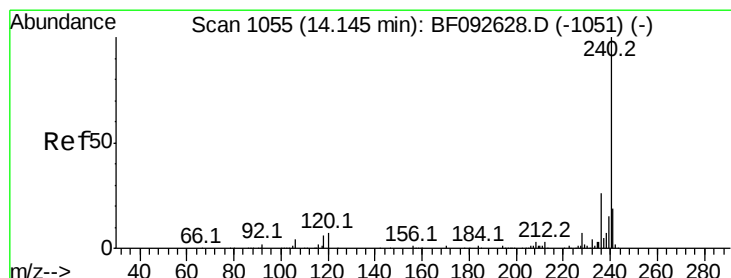
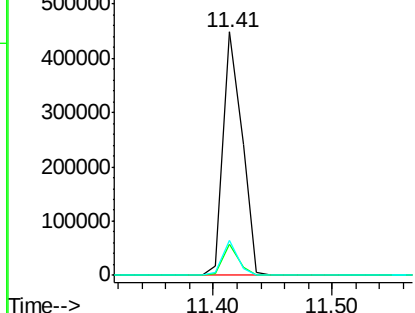
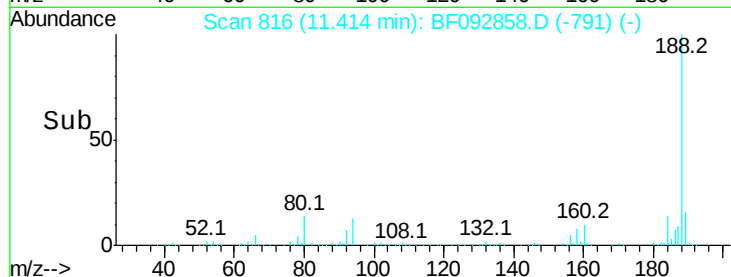
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF092858.D
Acq: 8 Feb 2017 17:34

Instrument :
BNA_F
ClientSampleId :
PB96823BL

Tot Ion:188 Resp: 492387
Ion Ratio Lower Upper
188 100
94 12.6 10.0 15.0
80 14.4 11.2 16.8

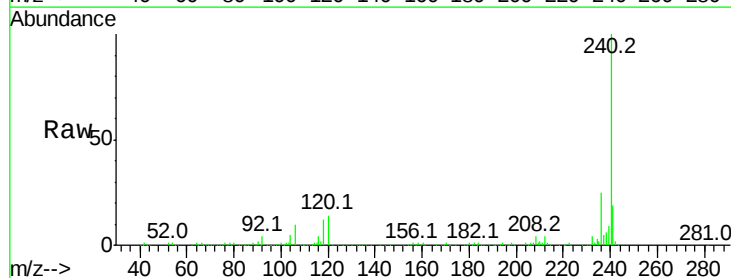


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

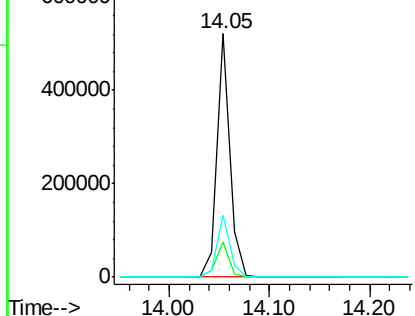
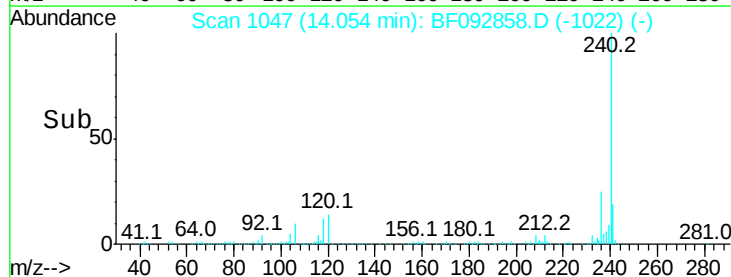


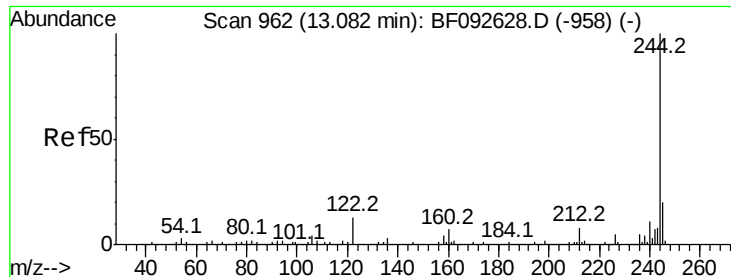
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.05 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF092858.D
Acq: 8 Feb 2017 17:34

Tgt Ion:240 Resp: 466261
Ion Ratio Lower Upper
240 100
120 14.4 12.9 19.3
236 25.5 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: 77.27 ng

RT: 13.00 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF092858.D

Acq: 8 Feb 2017 17:34

Instrument :

BNA_F

ClientSampled :

PB96823BL

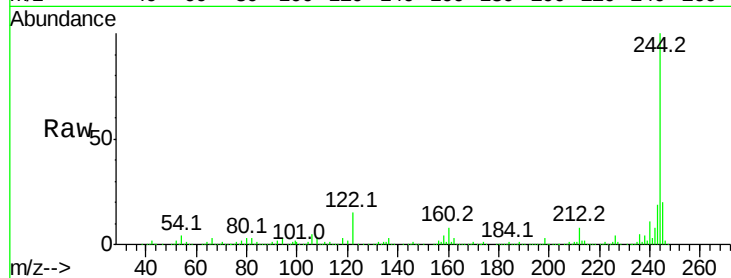
Tot Ion:244 Resp: 1533360

Ion Ratio Lower Upper

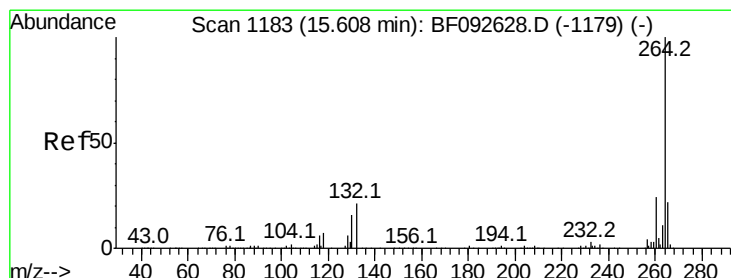
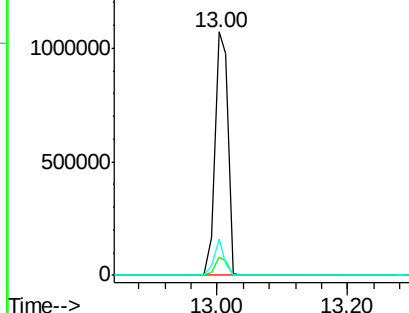
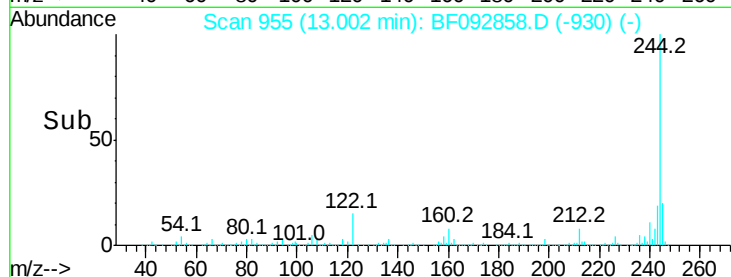
244 100

212 7.6 6.2 9.2

122 14.9 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. 0.00 min

Lab File: BF092858.D

Acq: 8 Feb 2017 17:34

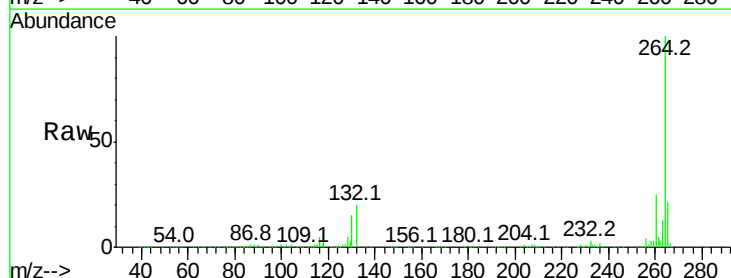
Tgt Ion:264 Resp: 425283

Ion Ratio Lower Upper

264 100

260 24.5 19.2 28.8

265 21.1 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

