

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030617\
 Data File : BF093409.D
 Acq On : 6 Mar 2017 19:08
 Operator : SJ/MA
 Sample : I2057-20 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 18B-23

Quant Time: Mar 07 00:34:22 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 07 00:03:56 2017
 Response via : Initial Calibration

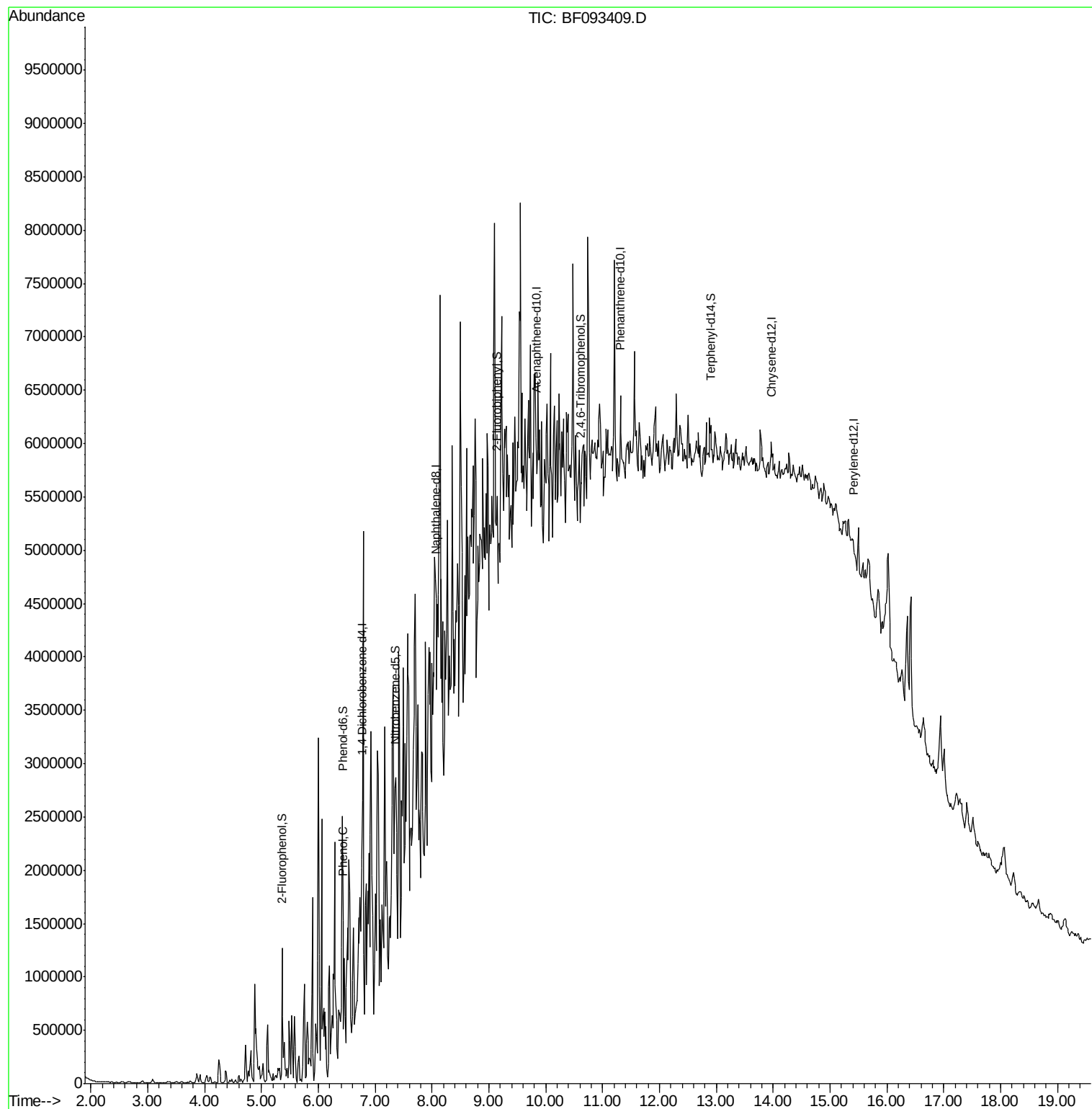
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	152206	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	469846	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	157046	20.00	ng	0.02
63) Phenanthrene-d10	11.32	188	231370	20.00	ng	0.03
75) Chrysene-d12	13.97	240	207041	20.00	ng	0.03
86) Perylene-d12	15.41	264	187055	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	438091	49.38	ng	0.00
7) Phenol-d6	6.42	99	551421	48.31	ng	0.00
23) Nitrobenzene-d5	7.35	82	362525	42.97	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	50043	44.06	ng	0.02
44) 2-Fluorobiphenyl	9.14	172	404655	46.68	ng	0.00
78) Terphenyl-d14	12.91	244	219123	24.87	ng	0.03
Target Compounds						
10) Phenol	6.44	94	32191	2.41	ng	Qvalue # 57

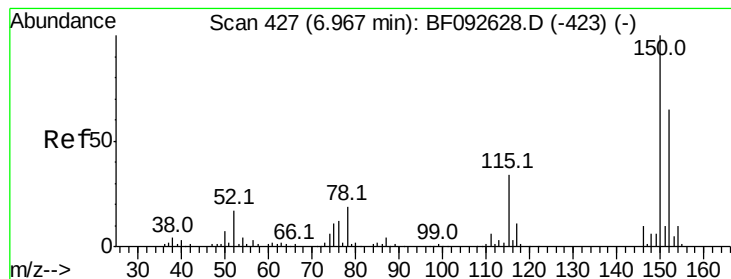
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.78 min Scan# 428

Delta R.T. 0.01 min

Lab File: BF093409.D

Acq: 6 Mar 2017 19:08

Instrument :

BNA_F

ClientSampled :

18B-23

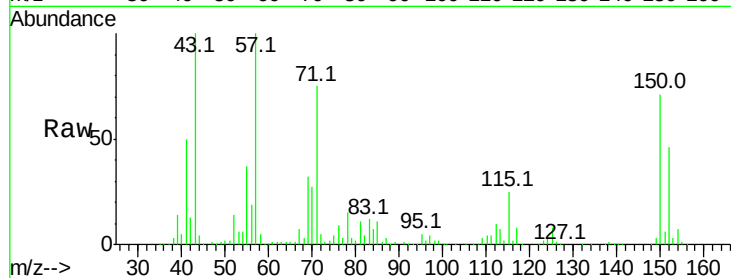
Tot Ion:152 Resp: 152206

Ion Ratio Lower Upper

152 100

150 155.9 124.9 187.3

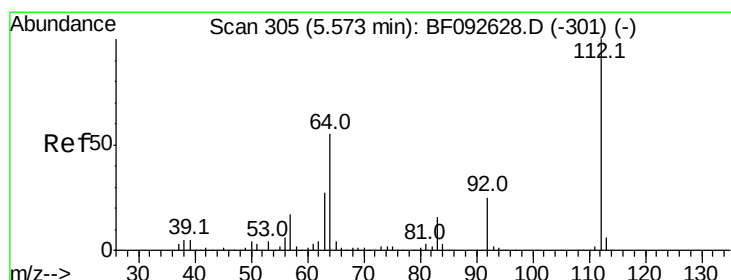
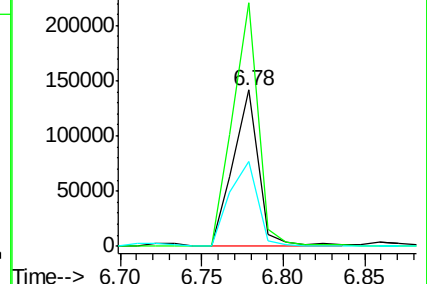
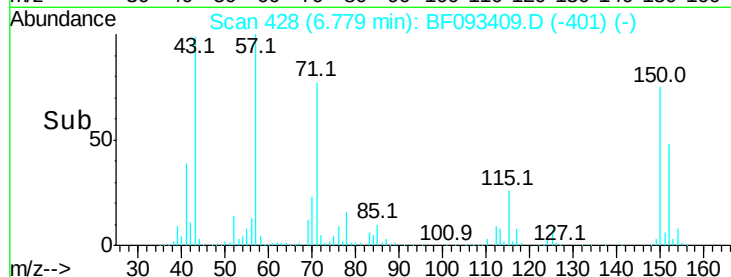
115 54.4 46.0 69.0



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: 49.38 ng

RT: 5.36 min Scan# 304

Delta R.T. 0.01 min

Lab File: BF093409.D

Acq: 6 Mar 2017 19:08

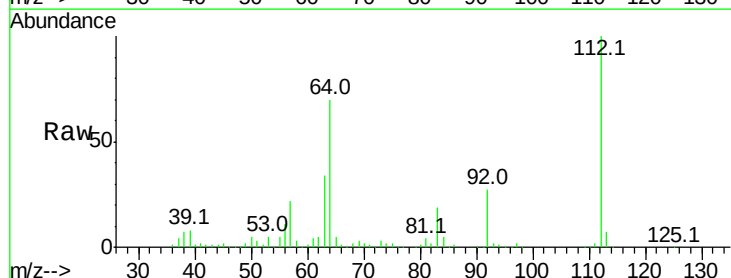
Tgt Ion:112 Resp: 438091

Ion Ratio Lower Upper

112 100

64 69.8 46.1 69.1#

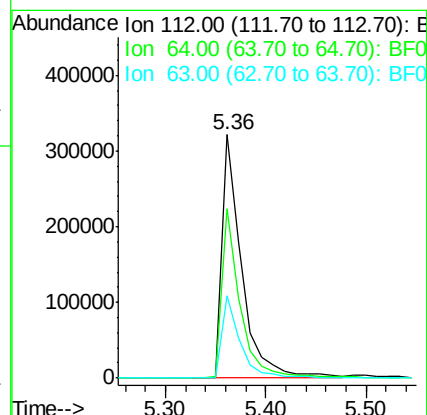
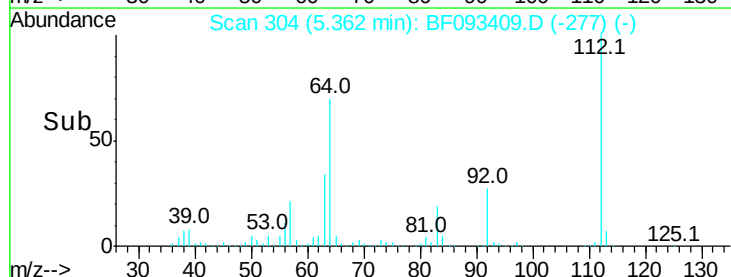
63 33.8 23.8 35.6

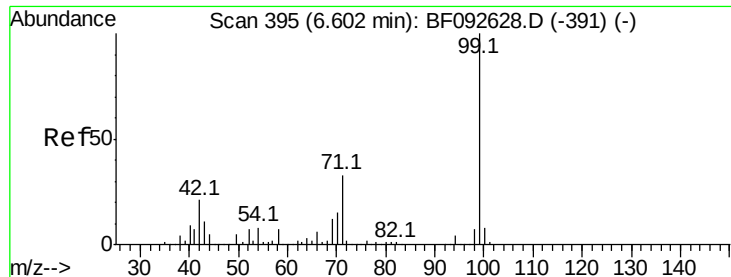


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 48.31 ng

RT: 6.42 min Scan# 397

Delta R.T. -0.01 min

Lab File: BF093409.D

Acq: 6 Mar 2017 19:08

Instrument :

BNA_F

ClientSampleId :

18B-23

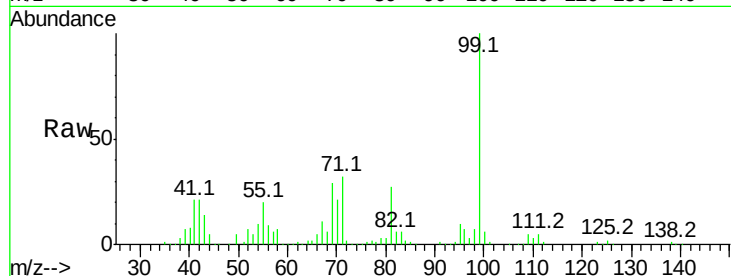
Tot Ion: 99 Resp: 551421

Ion Ratio Lower Upper

99 100

42 21.3 15.6 23.4

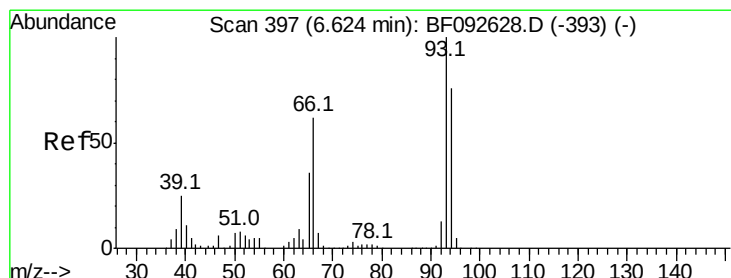
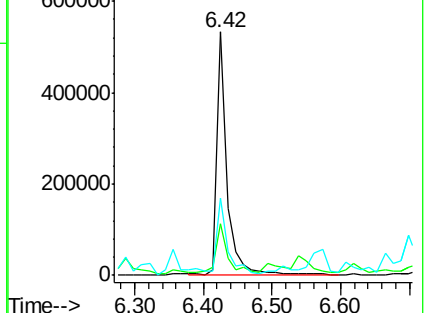
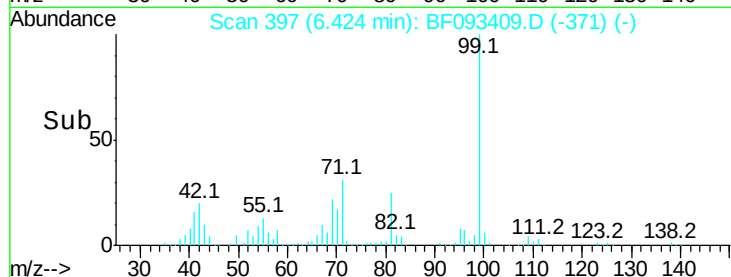
71 31.9 27.5 41.3



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



#10

Phenol

Concen: 2.41 ng

RT: 6.44 min Scan# 398

Delta R.T. -0.01 min

Lab File: BF093409.D

Acq: 6 Mar 2017 19:08

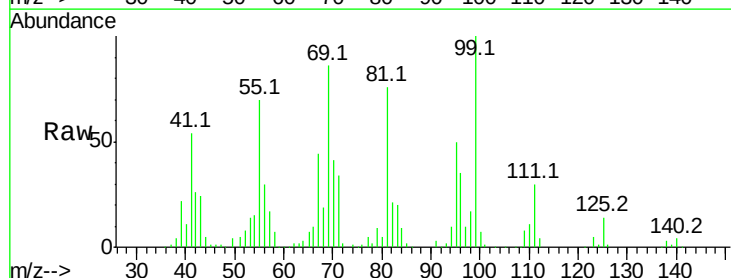
Tgt Ion: 94 Resp: 32191

Ion Ratio Lower Upper

94 100

65 66.8 21.4 61.4#

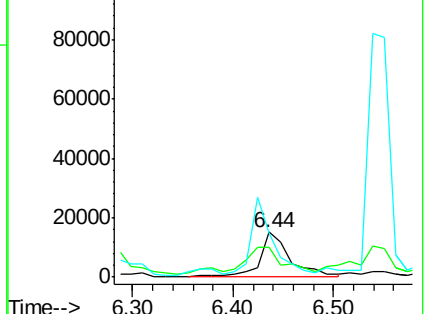
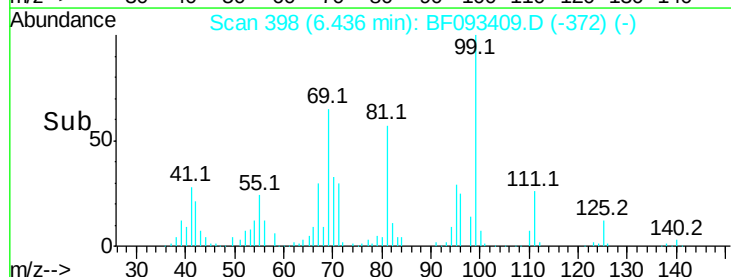
66 98.5 44.0 84.0#

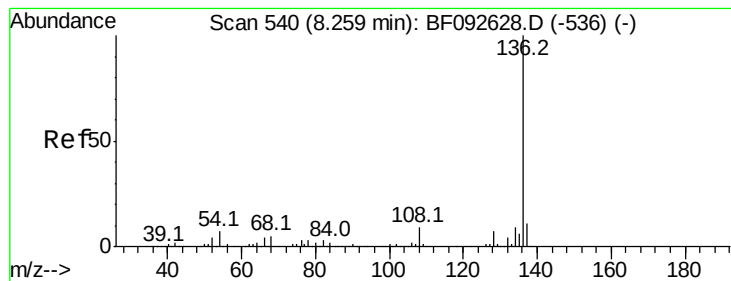


Abundance Ion 94.00 (93.70 to 94.70): BF0

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: 8.07 min Scan# 541

Delta R.T. 0.01 min

Lab File: BF093409.D

Acq: 6 Mar 2017 19:08

Instrument :

BNA_F

ClientSampleId :

18B-23

Tot Ion:136 Resp: 469846

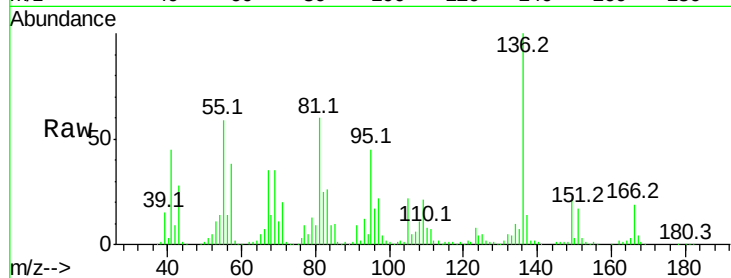
Ion Ratio Lower Upper

136 100

137 14.2 8.4 12.6#

54 14.2 4.5 6.7#

68 14.5 3.6 5.4#

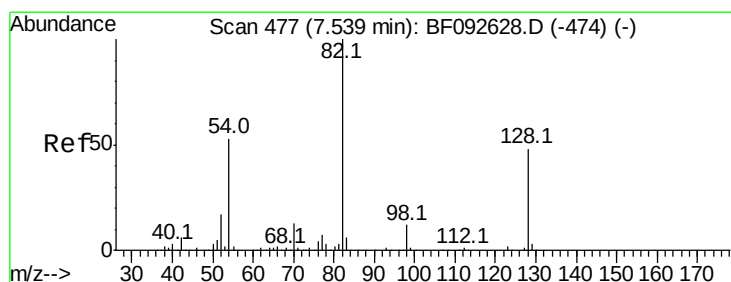
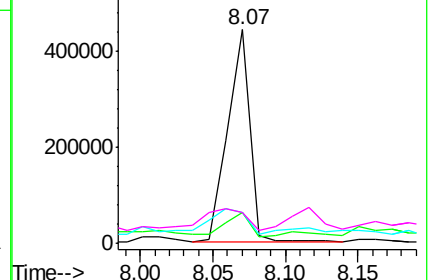
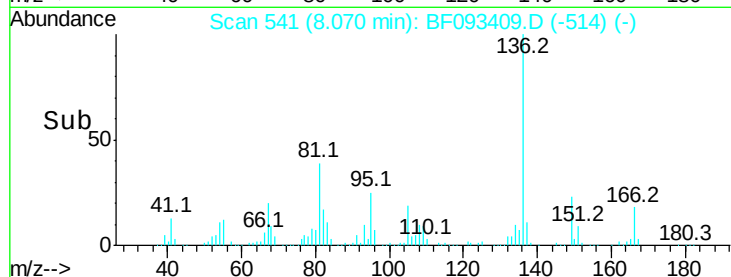


Abundance Ion 136.00 (135.70 to 136.70): E

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: 42.97 ng

RT: 7.35 min Scan# 478

Delta R.T. 0.01 min

Lab File: BF093409.D

Acq: 6 Mar 2017 19:08

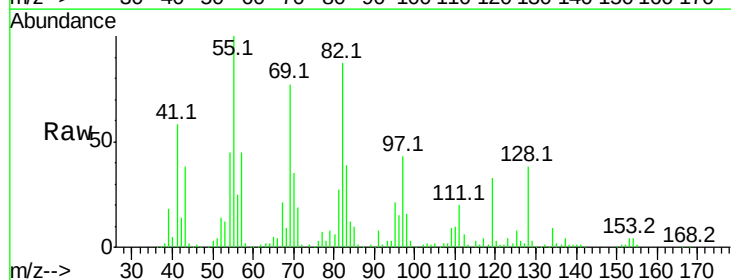
Tgt Ion: 82 Resp: 362525

Ion Ratio Lower Upper

82 100

128 44.1 34.6 52.0

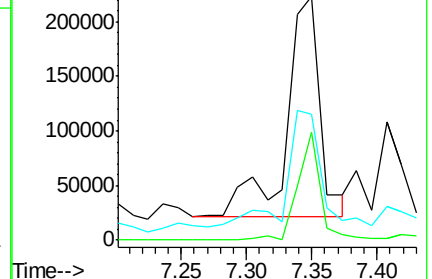
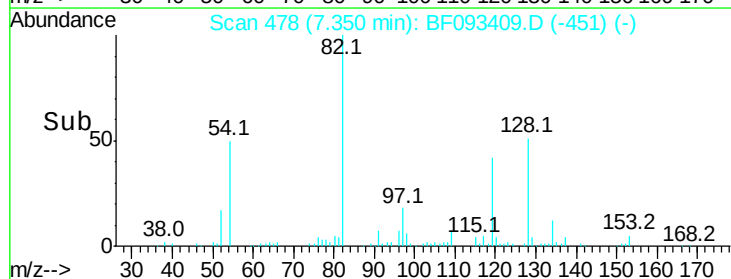
54 51.5 39.5 59.3

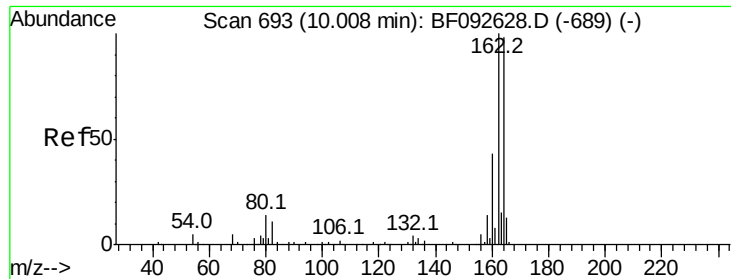


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

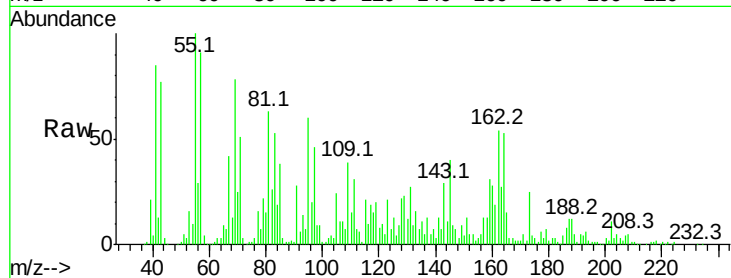




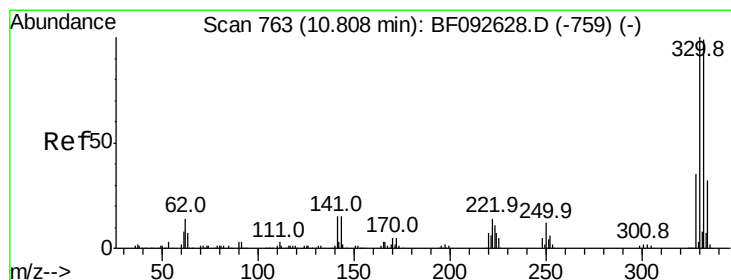
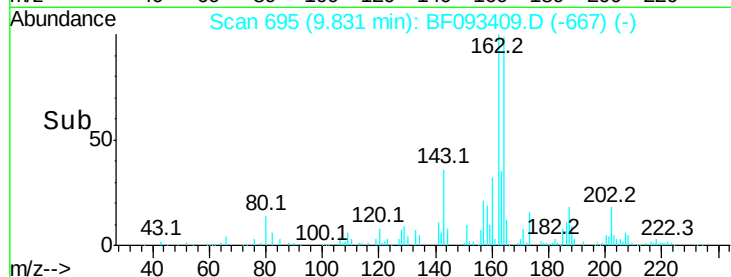
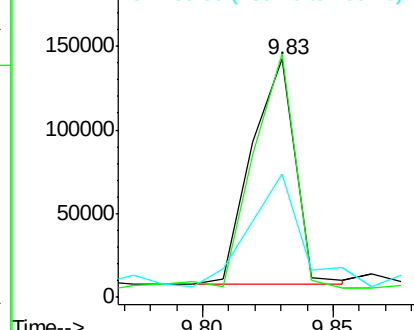
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.83 min Scan# 695
Delta R.T. 0.02 min
Lab File: BF093409.D
Acq: 6 Mar 2017 19:08

Instrument :
BNA_F
ClientSampleId :
18B-23

Tot Ion:164 Resp: 157046
Ion Ratio Lower Upper
164 100
162 102.2 80.2 120.2
160 52.0 36.9 55.3

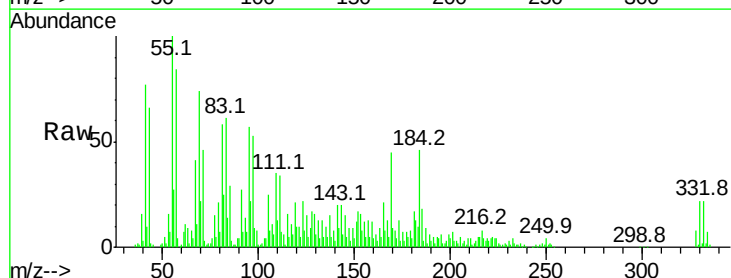


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

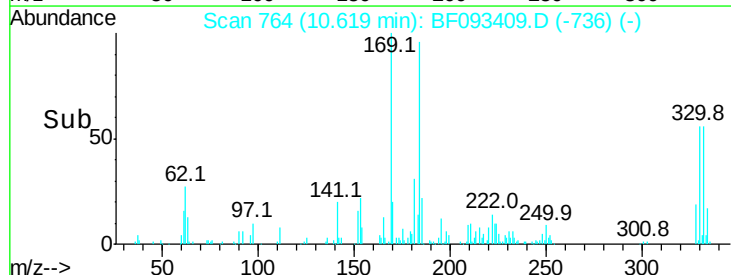
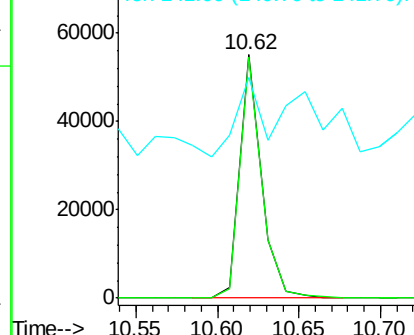


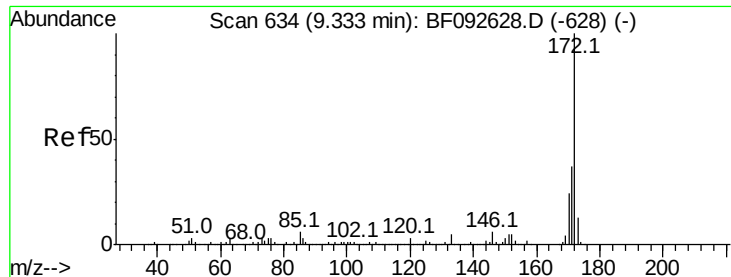
#41
2,4,6-Tribromophenol
Concen: 44.06 ng
RT: 10.62 min Scan# 764
Delta R.T. 0.02 min
Lab File: BF093409.D
Acq: 6 Mar 2017 19:08

Tgt Ion:330 Resp: 50043
Ion Ratio Lower Upper
330 100
332 99.7 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: 46.68 ng

RT: 9.14 min Scan# 635

Delta R.T. 0.01 min

Lab File: BF093409.D

Acq: 6 Mar 2017 19:08

Instrument :

BNA_F

ClientSampleId :

18B-23

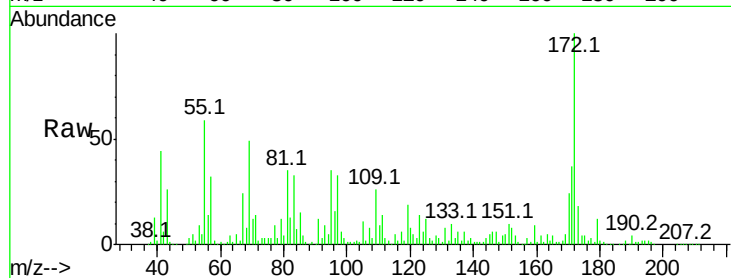
Tot Ion:172 Resp: 404655

Ion Ratio Lower Upper

172 100

171 36.5 29.4 44.0

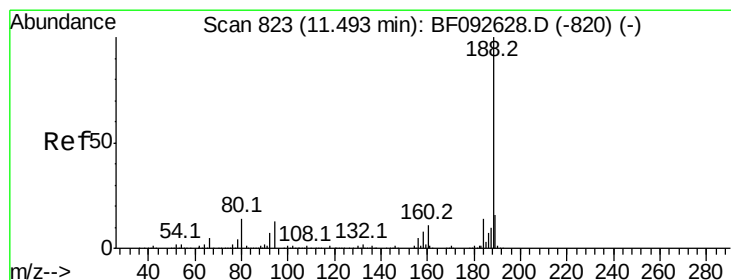
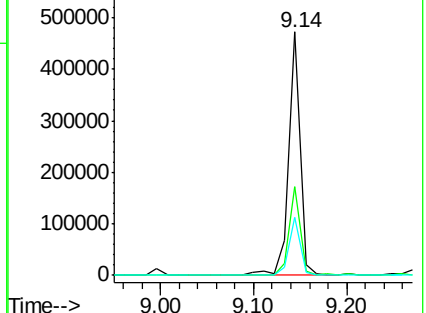
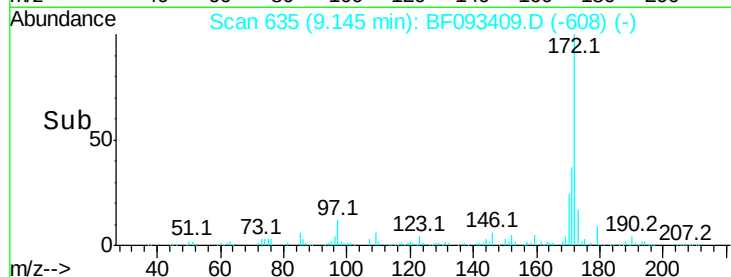
170 23.7 20.2 30.4



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.32 min Scan# 825

Delta R.T. 0.03 min

Lab File: BF093409.D

Acq: 6 Mar 2017 19:08

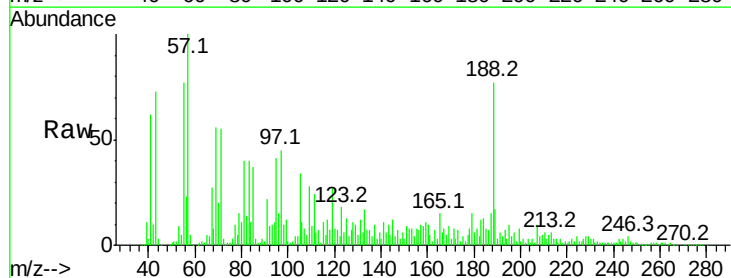
Tgt Ion:188 Resp: 231370

Ion Ratio Lower Upper

188 100

94 14.4 10.0 15.0

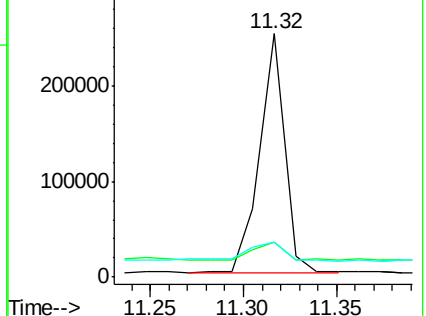
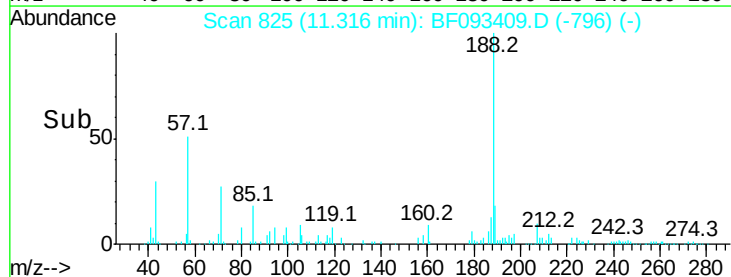
80 14.6 11.2 16.8

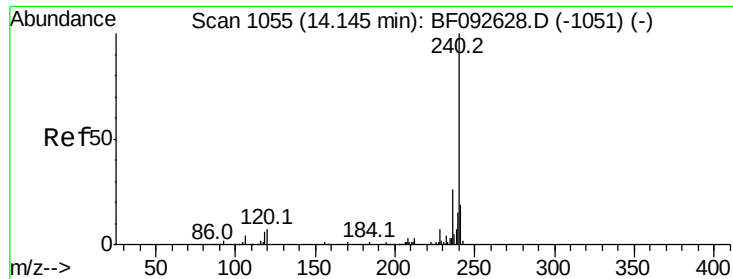


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.97 min Scan# 1057

Delta R.T. 0.03 min

Lab File: BF093409.D

Acq: 6 Mar 2017 19:08

Instrument :

BNA_F

ClientSampled :

18B-23

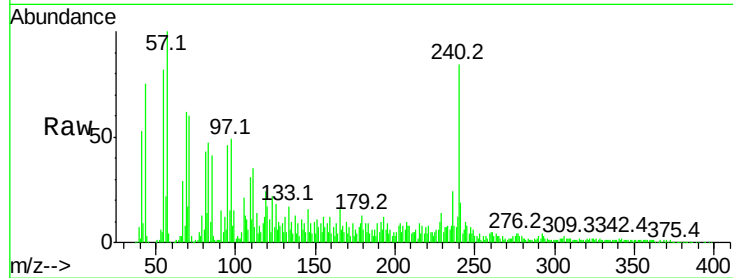
Tot Ion:240 Resp: 207041

Ion Ratio Lower Upper

240 100

120 19.9 12.9 19.3#

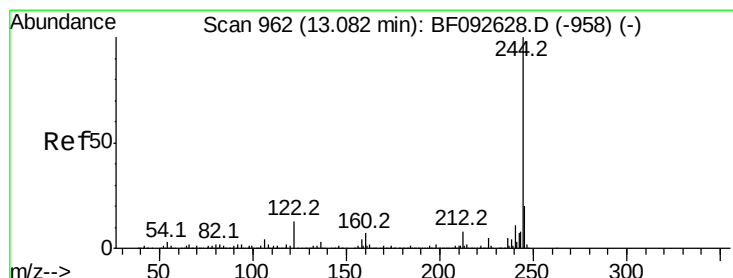
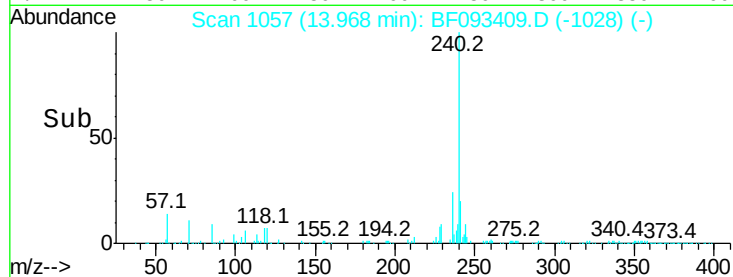
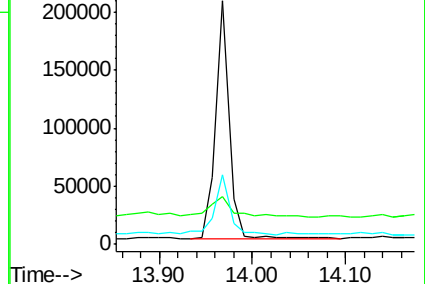
236 28.7 20.9 31.3



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: 24.87 ng

RT: 12.91 min Scan# 964

Delta R.T. 0.03 min

Lab File: BF093409.D

Acq: 6 Mar 2017 19:08

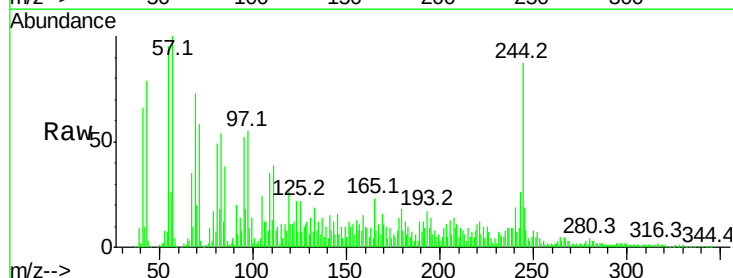
Tgt Ion:244 Resp: 219123

Ion Ratio Lower Upper

244 100

212 9.3 6.2 9.2#

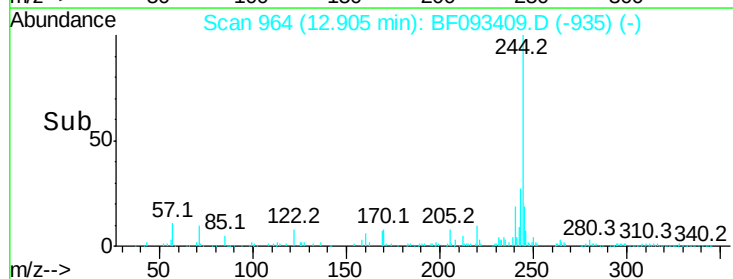
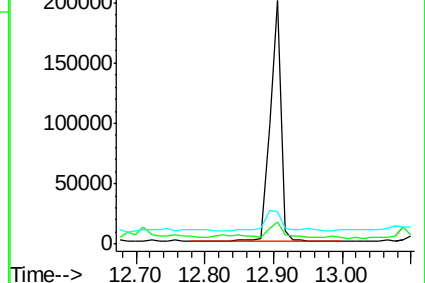
122 13.4 11.4 17.2

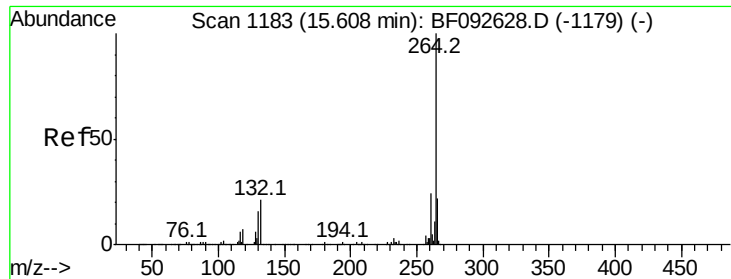


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

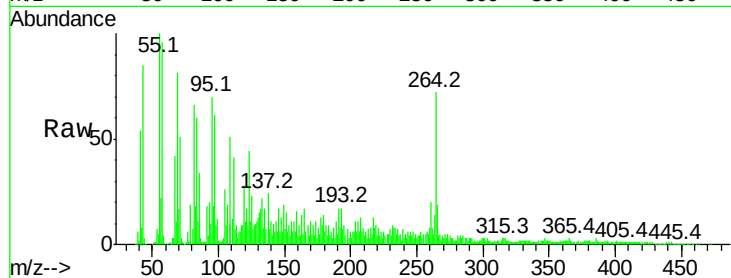




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.41 min Scan# 1183
Delta R.T. 0.06 min
Lab File: BF093409.D
Acq: 6 Mar 2017 19:08

Instrument :
BNA_F
ClientSampleId :
18B-23

Tot Ion	Ratio	Lower	Upper
264	100		
260	27.8	19.2	28.8
265	26.5	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

