

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022317\
 Data File : BF093118.D
 Acq On : 23 Feb 2017 21:41
 Operator : SJ/MA
 Sample : I1954-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CLP-S-06(0-5)

Quant Time: Feb 24 00:26:04 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

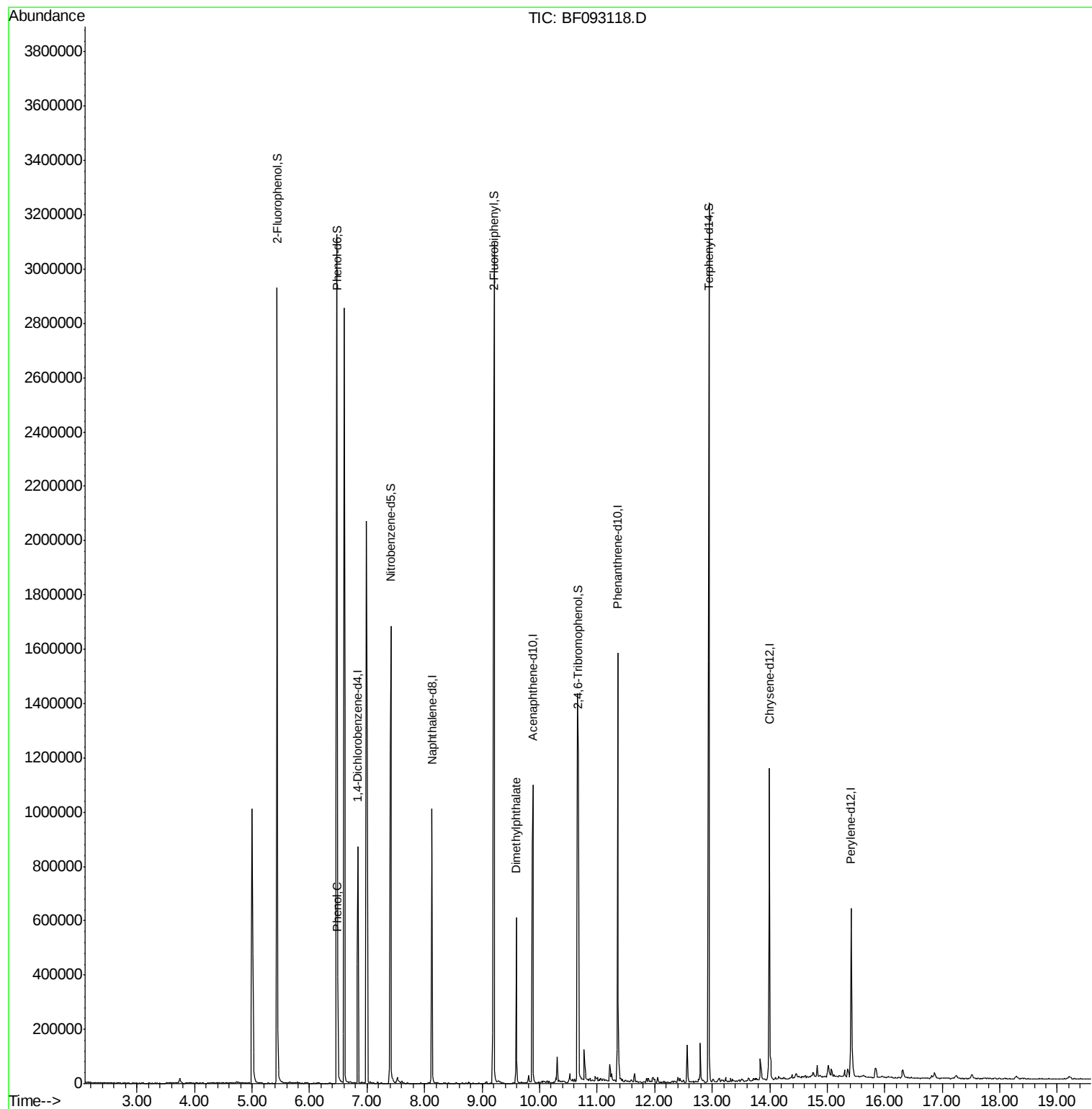
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	157399	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	636508	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	298926	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	549226	20.00	ng	-0.02
75) Chrysene-d12	14.00	240	470801	20.00	ng	-0.02
86) Perylene-d12	15.41	264	323399	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	942664	102.75	ng	-0.01
7) Phenol-d6	6.48	99	1083591	91.79	ng	-0.01
23) Nitrobenzene-d5	7.41	82	729886	63.86	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	245139	113.38	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1309034	79.34	ng	-0.01
78) Terphenyl-d14	12.94	244	1102402	55.02	ng	-0.02
Target Compounds						
10) Phenol	6.49	94	32261	2.34	ng	78
49) Dimethylphthalate	9.60	163	238647	11.85	ng	99

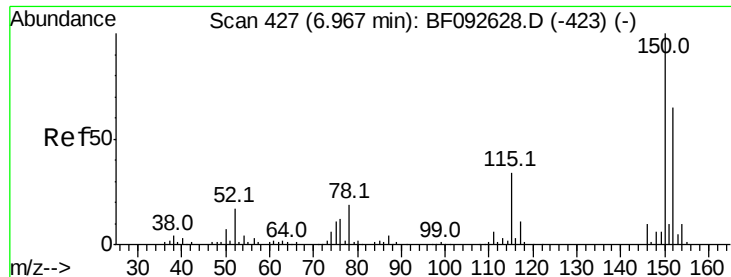
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF093118.D

Acq: 23 Feb 2017 21:41

Instrument :

BNA_F

ClientSampleId :

CLP-S-06(0-5)

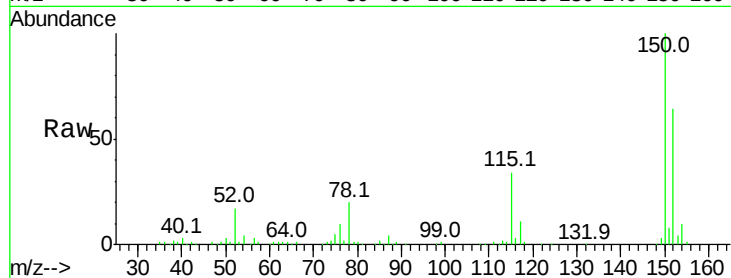
Tot Ion:152 Resp: 157399

Ion Ratio Lower Upper

152 100

150 157.0 124.9 187.3

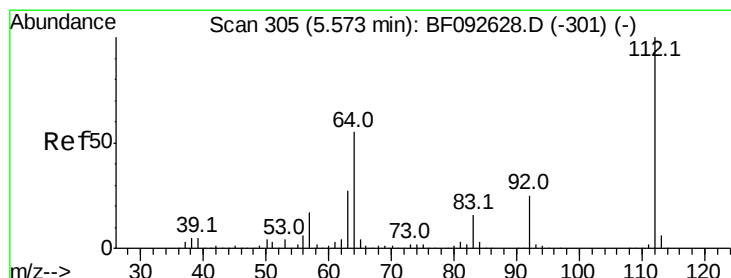
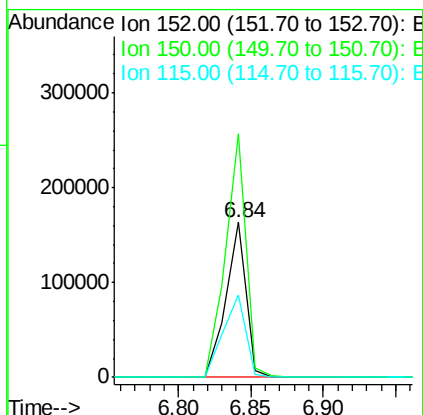
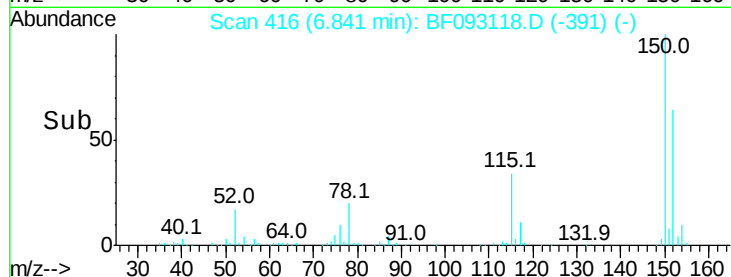
115 53.0 46.0 69.0



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: 102.75 ng

RT: 5.44 min Scan# 293

Delta R.T. -0.01 min

Lab File: BF093118.D

Acq: 23 Feb 2017 21:41

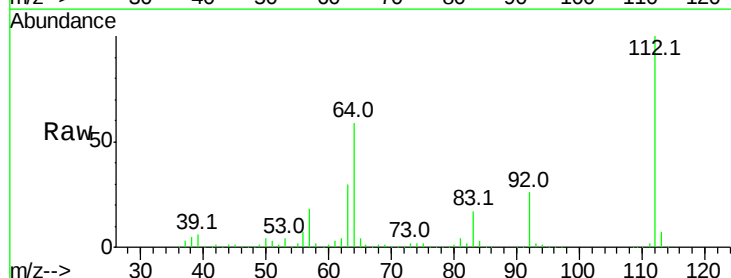
Tgt Ion:112 Resp: 942664

Ion Ratio Lower Upper

112 100

64 59.4 46.1 69.1

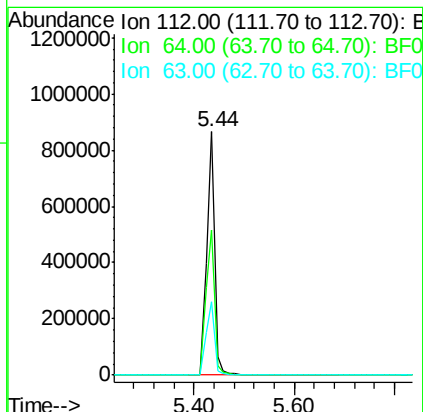
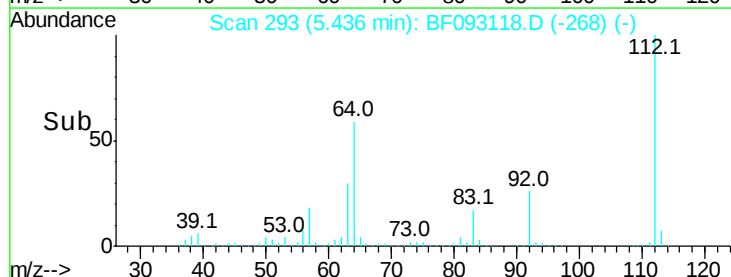
63 30.2 23.8 35.6



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: 91.79 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF093118.D

Acq: 23 Feb 2017 21:41

Instrument :

BNA_F

ClientSampleId :

CLP-S-06(0-5)

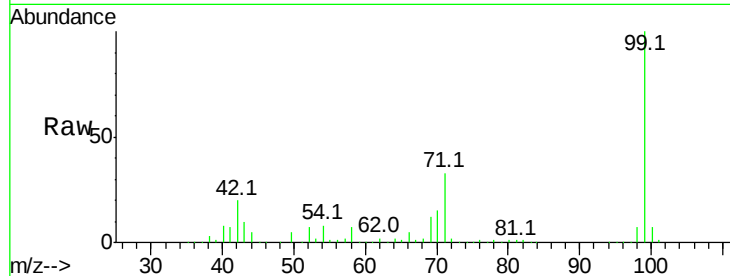
Tot Ion: 99 Resp: 1083591

Ion Ratio Lower Upper

99 100

42 19.7 15.6 23.4

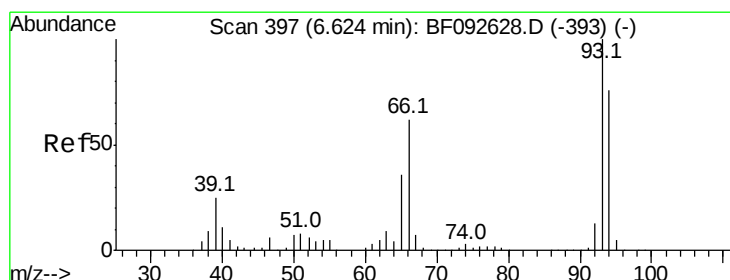
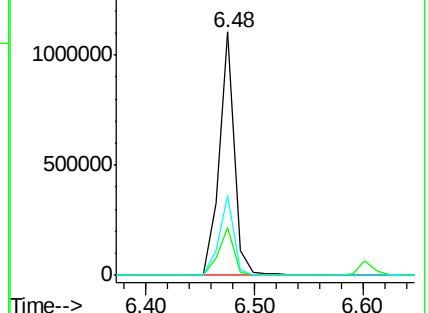
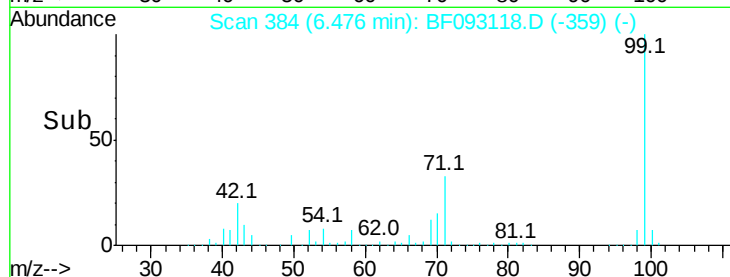
71 32.7 27.5 41.3



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: 2.34 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.02 min

Lab File: BF093118.D

Acq: 23 Feb 2017 21:41

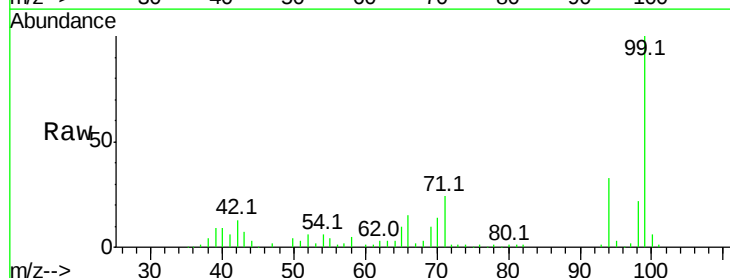
Tgt Ion: 94 Resp: 32261

Ion Ratio Lower Upper

94 100

65 29.2 21.4 61.4

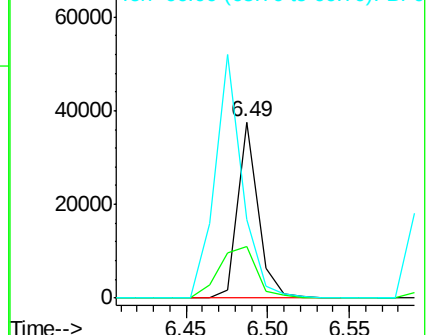
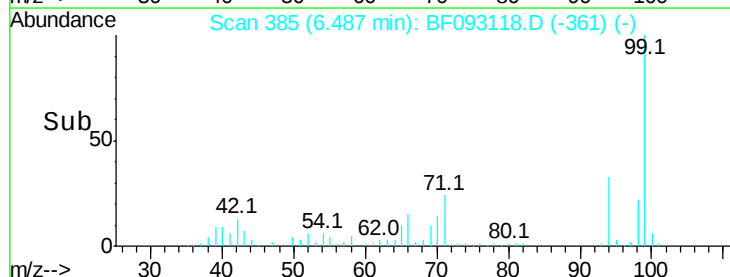
66 44.9 44.0 84.0



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

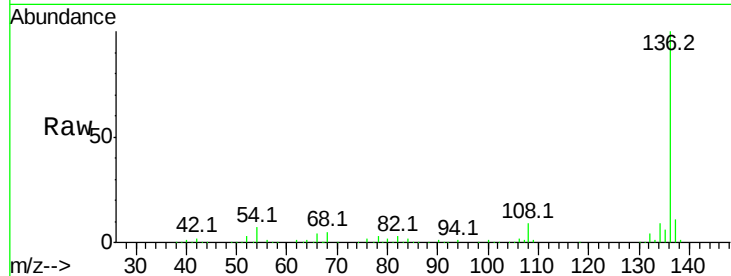




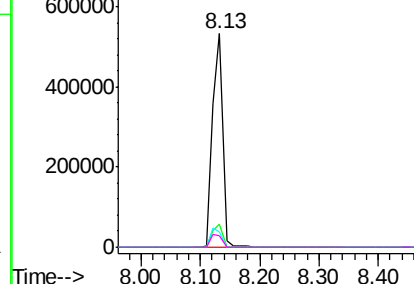
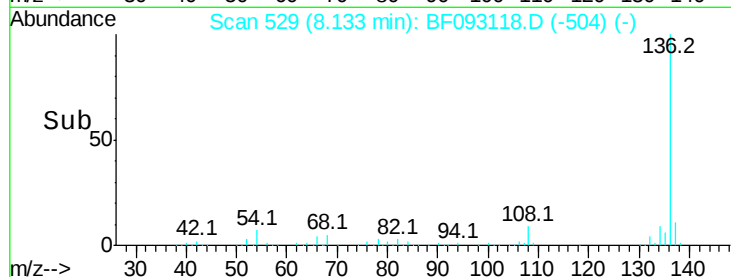
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF093118.D
Acq: 23 Feb 2017 21:41

Instrument :
BNA_F
ClientSampleId :
CLP-S-06(0-5)

Tot Ion:	136	Resp:	636508
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.4	12.6
54	7.1	4.5	6.7#
68	5.2	3.6	5.4

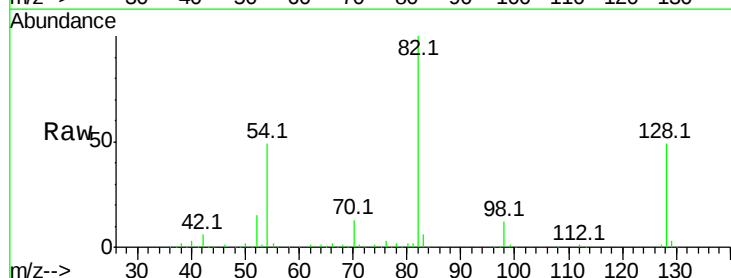


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

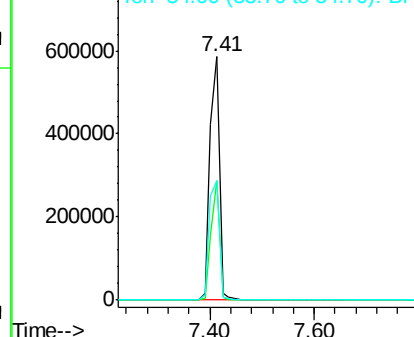
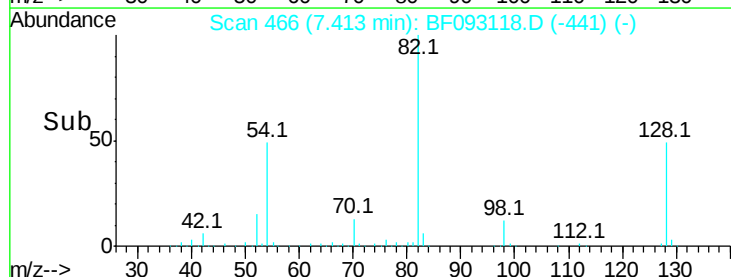


#23
Nitrobenzene-d5
Concen: 63.86 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.01 min
Lab File: BF093118.D
Acq: 23 Feb 2017 21:41

Tgt Ion:	82	Resp:	729886
Ion	Ratio	Lower	Upper
82	100		
128	49.3	34.6	52.0
54	49.3	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

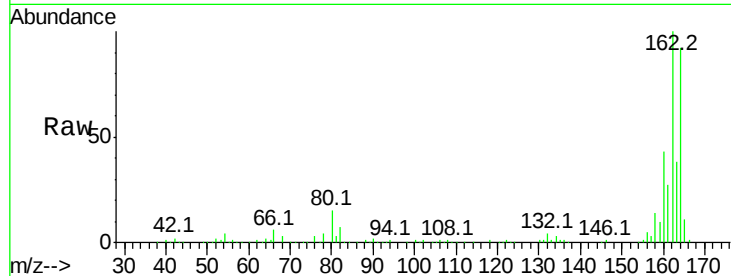




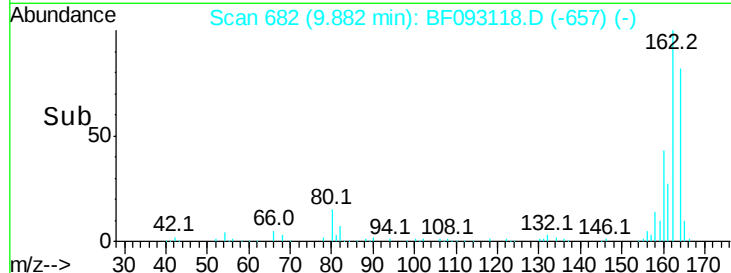
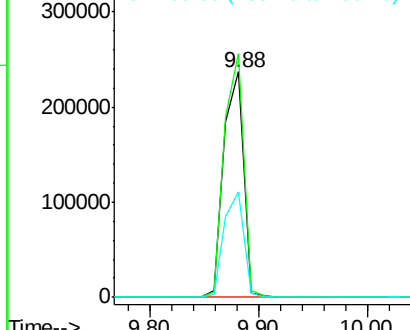
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF093118.D
Acq: 23 Feb 2017 21:41

Instrument :
BNA_F
ClientSampleId :
CLP-S-06(0-5)

Tot Ion:164 Resp: 298926
Ion Ratio Lower Upper
164 100
162 108.2 80.2 120.2
160 46.8 36.9 55.3

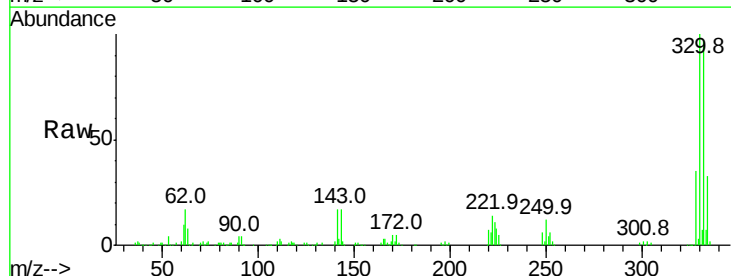


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

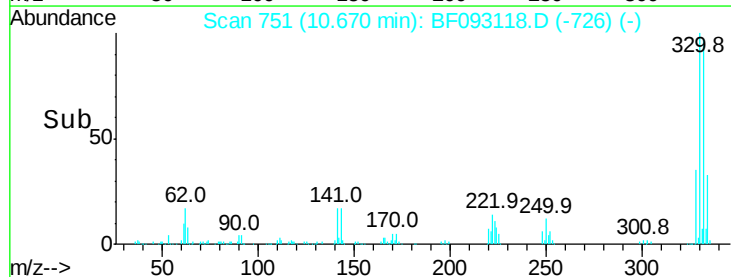
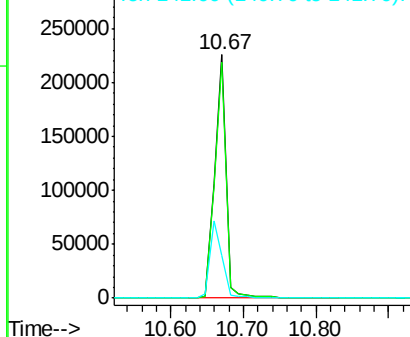


#41
2,4,6-Tribromophenol
Concen: 113.38 ng
RT: 10.67 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF093118.D
Acq: 23 Feb 2017 21:41

Tgt Ion:330 Resp: 245139
Ion Ratio Lower Upper
330 100
332 97.0 77.4 116.2
141 34.0 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: 79.34 ng

RT: 9.21 min Scan# 623

Delta R.T. -0.01 min

Lab File: BF093118.D

Acq: 23 Feb 2017 21:41

Instrument :

BNA_F

ClientSampleId :

CLP-S-06(0-5)

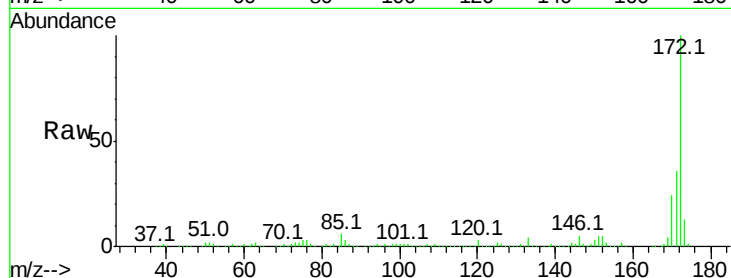
Tot Ion:172 Resp: 1309034

Ion Ratio Lower Upper

172 100

171 36.2 29.4 44.0

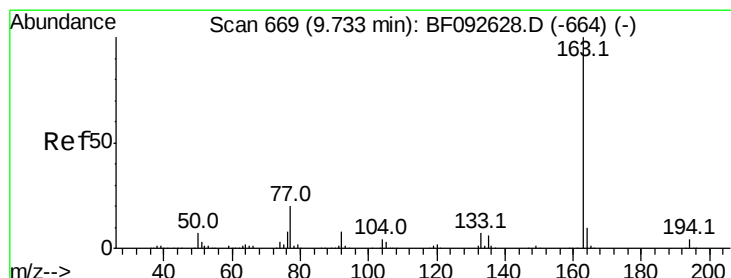
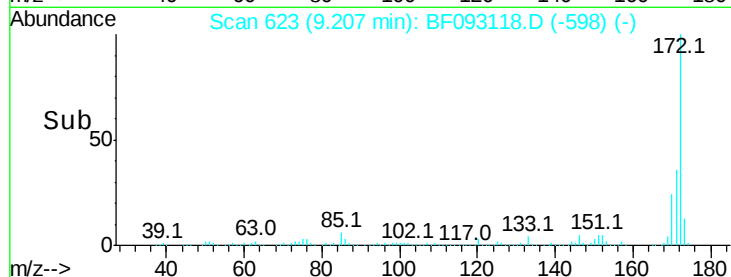
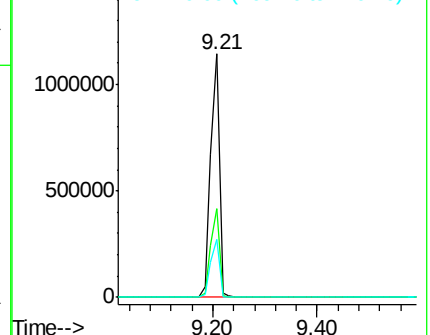
170 24.1 20.2 30.4



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



#49

Dimethylphthalate

Concen: 11.85 ng

RT: 9.60 min Scan# 657

Delta R.T. -0.02 min

Lab File: BF093118.D

Acq: 23 Feb 2017 21:41

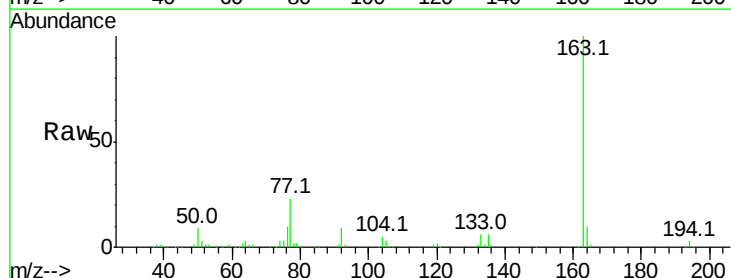
Tgt Ion:163 Resp: 238647

Ion Ratio Lower Upper

163 100

194 3.4 3.0 4.4

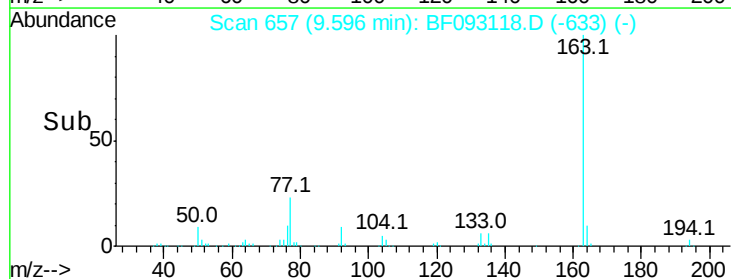
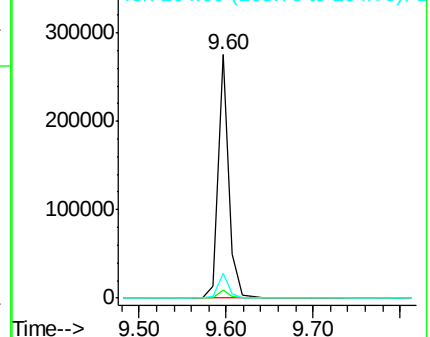
164 10.2 8.0 12.0



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

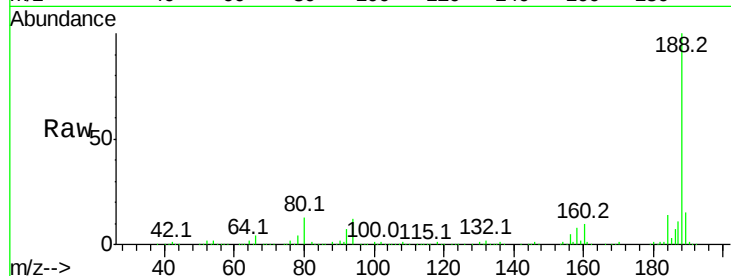




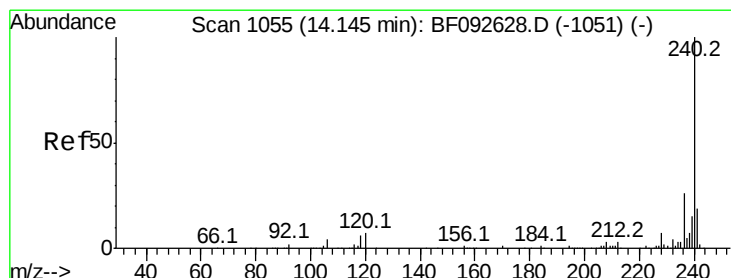
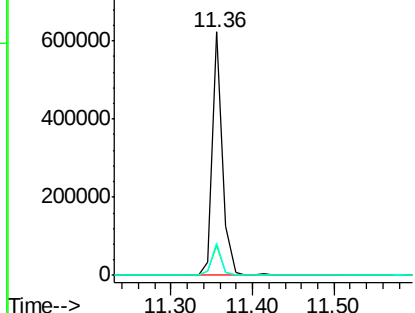
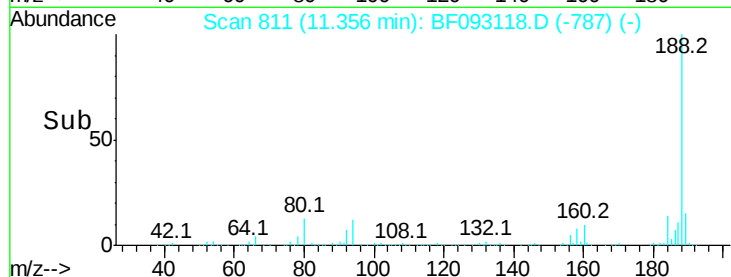
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF093118.D
Acq: 23 Feb 2017 21:41

Instrument :
BNA_F
ClientSampleId :
CLP-S-06(0-5)

Tot Ion:188 Resp: 549226
Ion Ratio Lower Upper
188 100
94 12.3 10.0 15.0
80 13.1 11.2 16.8

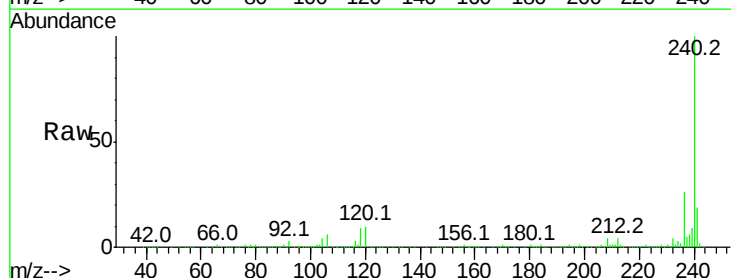


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

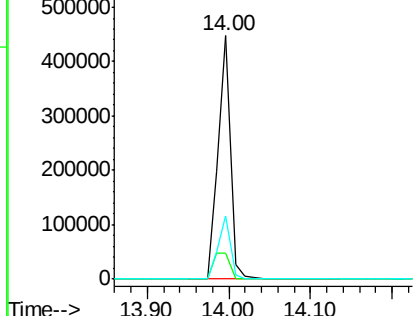
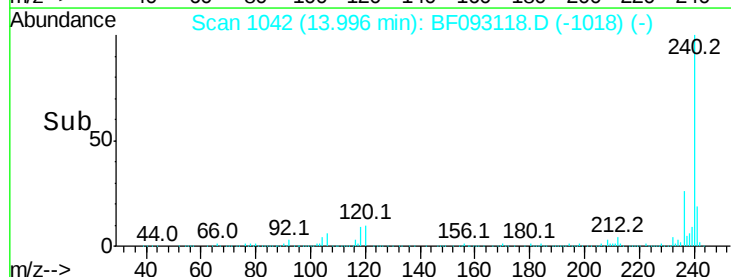


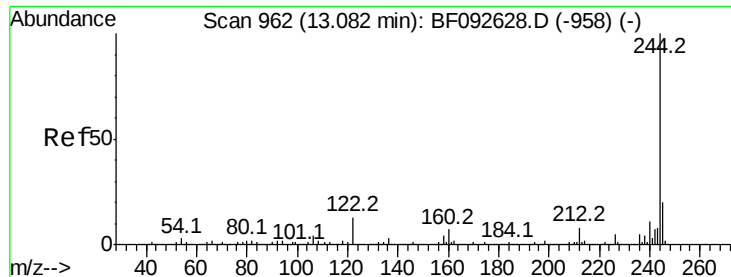
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.02 min
Lab File: BF093118.D
Acq: 23 Feb 2017 21:41

Tgt Ion:240 Resp: 470801
Ion Ratio Lower Upper
240 100
120 10.5 12.9 19.3#
236 26.2 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: 55.02 ng

RT: 12.94 min Scan# 950

Delta R.T. -0.02 min

Lab File: BF093118.D

Acq: 23 Feb 2017 21:41

Instrument :

BNA_F

ClientSampleId :

CLP-S-06(0-5)

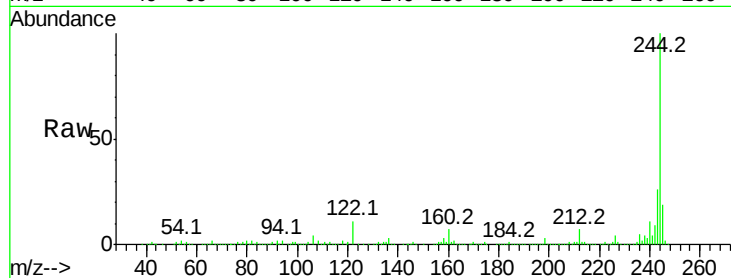
Tot Ion:244 Resp: 1102402

Ion Ratio Lower Upper

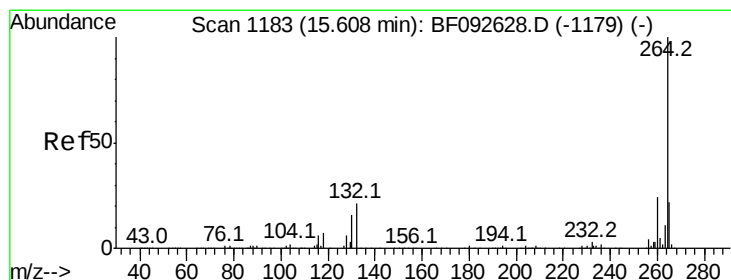
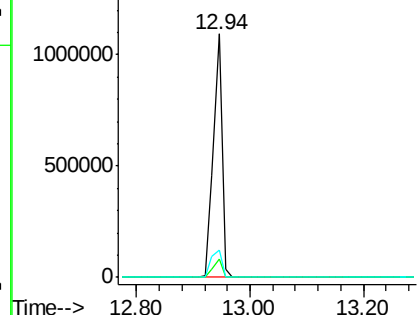
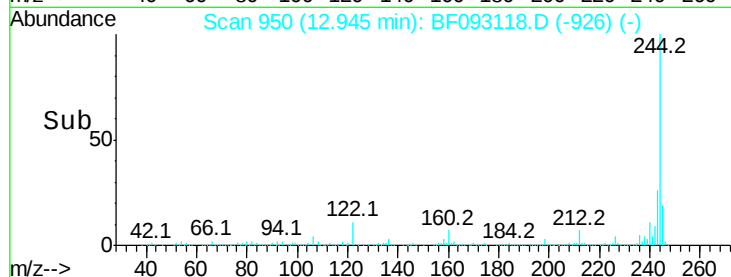
244 100

212 7.3 6.2 9.2

122 11.1 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: 15.41 min Scan# 1166

Delta R.T. -0.03 min

Lab File: BF093118.D

Acq: 23 Feb 2017 21:41

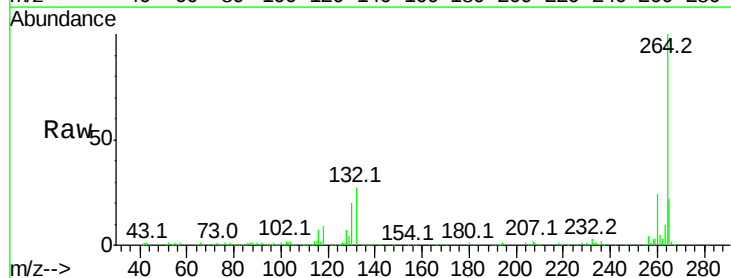
Tgt Ion:264 Resp: 323399

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

265 22.4 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

