

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022317\
 Data File : BF093120.D
 Acq On : 23 Feb 2017 22:37
 Operator : SJ/MA
 Sample : I1954-15
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CLP-S-03(5-10)

Quant Time: Feb 24 00:29:04 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

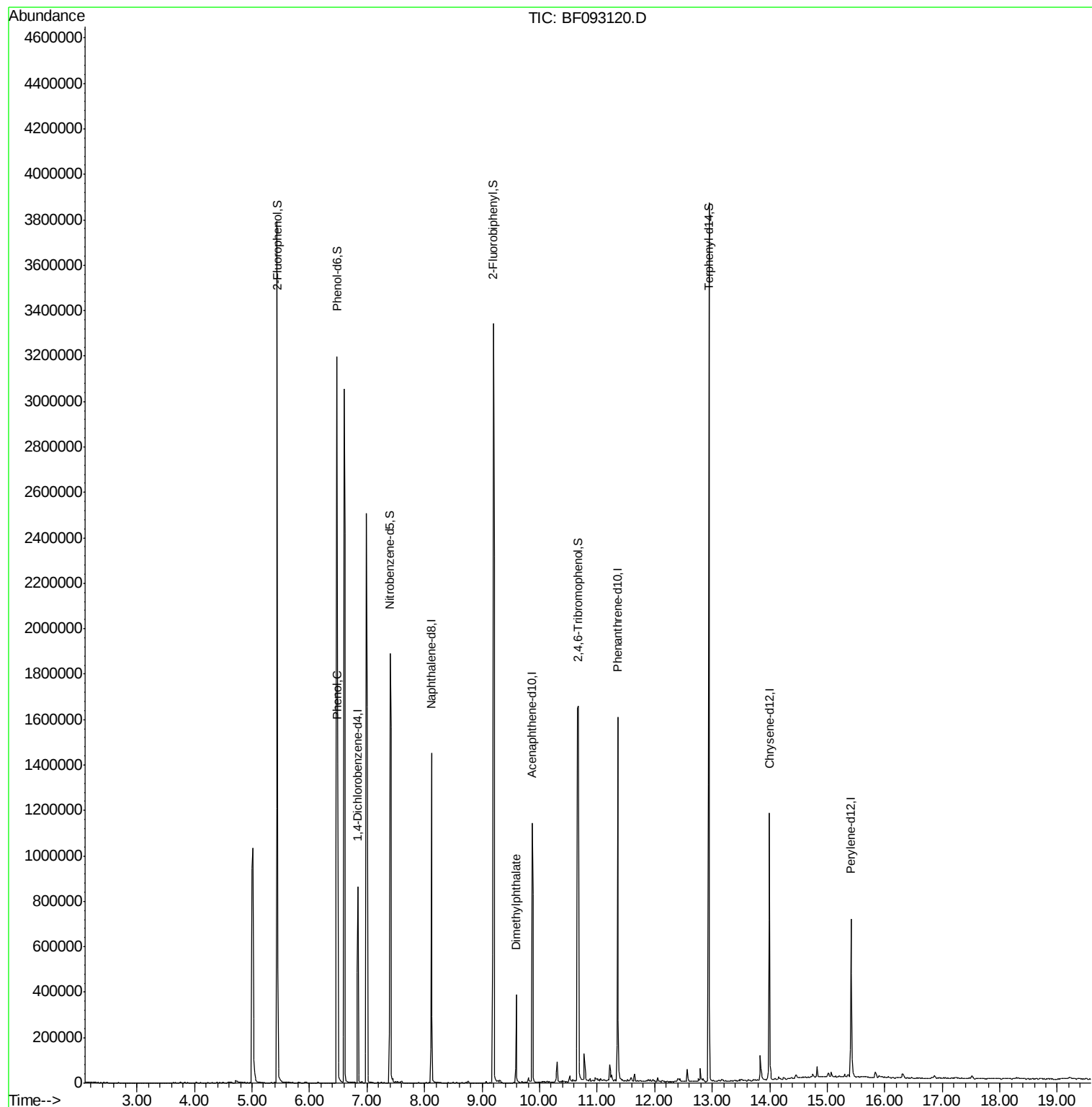
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	162531	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	645222	20.00	ng	-0.02
38) Acenaphthene-d10	9.87	164	301232	20.00	ng	-0.02
63) Phenanthrene-d10	11.36	188	556629	20.00	ng	-0.02
75) Chrysene-d12	14.00	240	493830	20.00	ng	-0.02
86) Perylene-d12	15.41	264	325553	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1069416	112.88	ng	-0.01
7) Phenol-d6	6.48	99	1363241	111.84	ng	-0.01
23) Nitrobenzene-d5	7.40	82	888764	76.71	ng	-0.02
41) 2,4,6-Tribromophenol	10.67	330	307979	141.36	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	1525885	91.77	ng	-0.02
78) Terphenyl-d14	12.95	244	1229625	58.51	ng	-0.02
Target Compounds						
10) Phenol	6.49	94	48098	3.37	ng	88
49) Dimethylphthalate	9.60	163	159097	7.84	ng	99

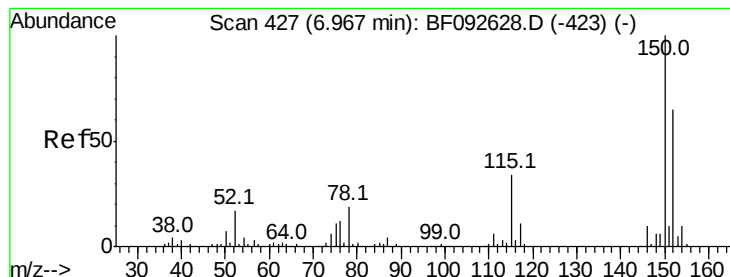
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF093120.D

Acq: 23 Feb 2017 22:37

Instrument :

BNA_F

ClientSampleId :

CLP-S-03(5-10)

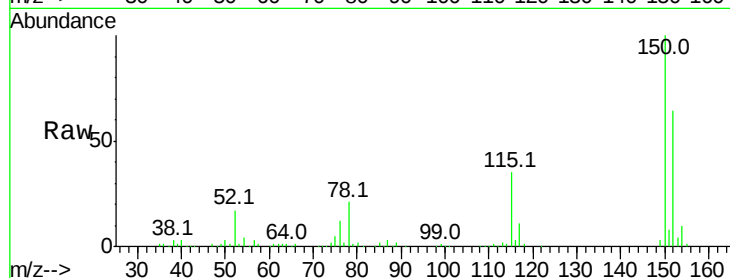
Tot Ion:152 Resp: 162531

Ion Ratio Lower Upper

152 100

150 155.3 124.9 187.3

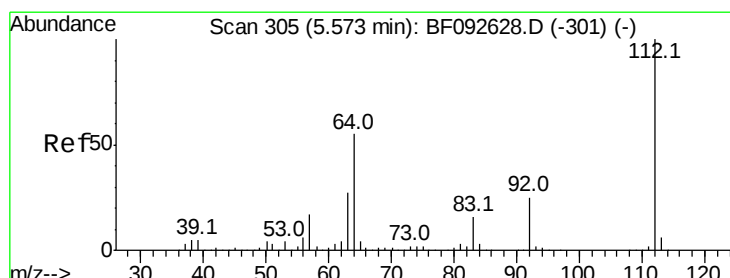
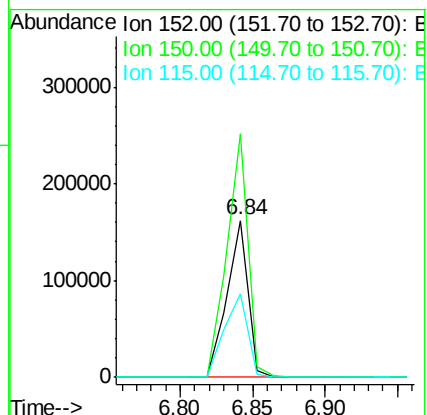
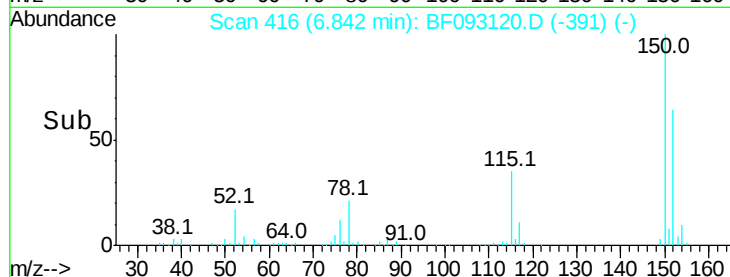
115 53.6 46.0 69.0



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: 112.88 ng

RT: 5.44 min Scan# 293

Delta R.T. -0.01 min

Lab File: BF093120.D

Acq: 23 Feb 2017 22:37

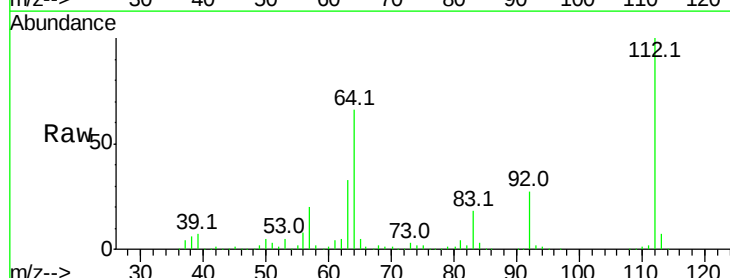
Tgt Ion:112 Resp: 1069416

Ion Ratio Lower Upper

112 100

64 66.2 46.1 69.1

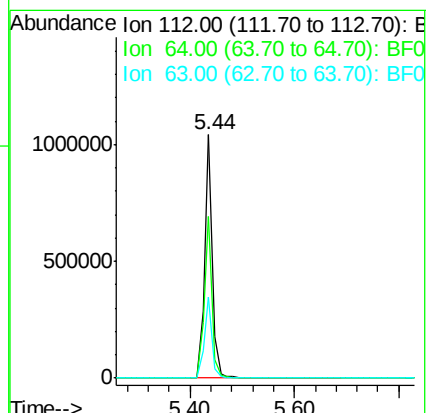
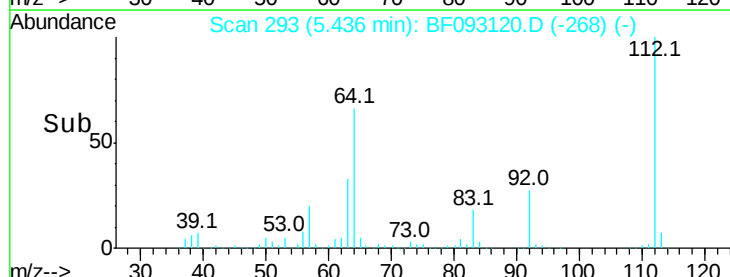
63 33.1 23.8 35.6



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: 111.84 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF093120.D

Acq: 23 Feb 2017 22:37

Instrument :

BNA_F

ClientSampleId :

CLP-S-03(5-10)

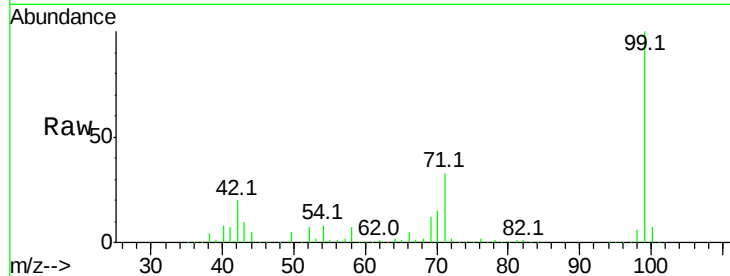
Tot Ion: 99 Resp: 1363241

Ion Ratio Lower Upper

99 100

42 20.2 15.6 23.4

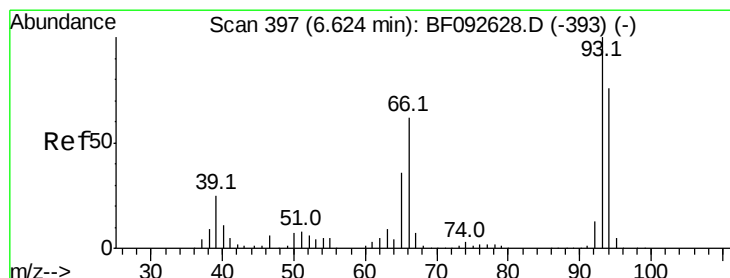
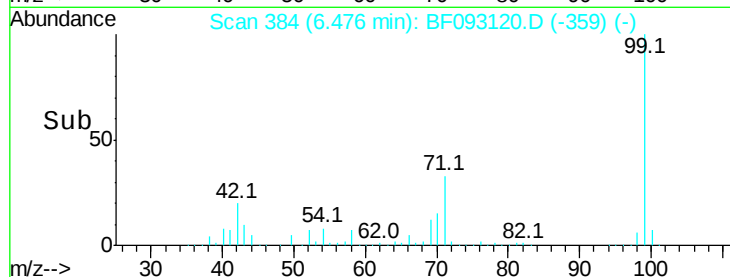
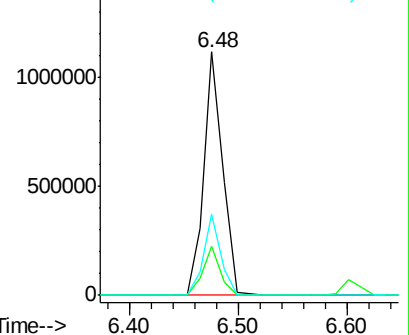
71 33.1 27.5 41.3



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: 3.37 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.02 min

Lab File: BF093120.D

Acq: 23 Feb 2017 22:37

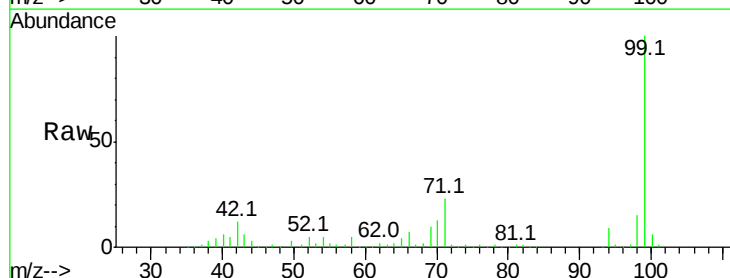
Tgt Ion: 94 Resp: 48098

Ion Ratio Lower Upper

94 100

65 39.9 21.4 61.4

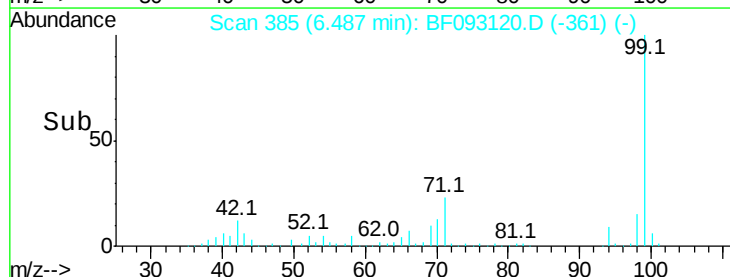
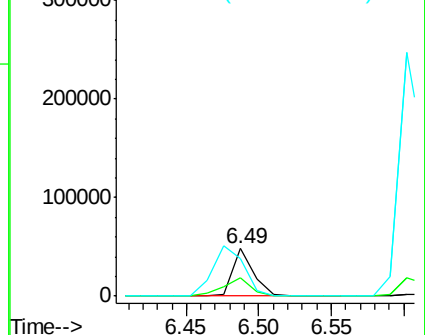
66 78.3 44.0 84.0



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

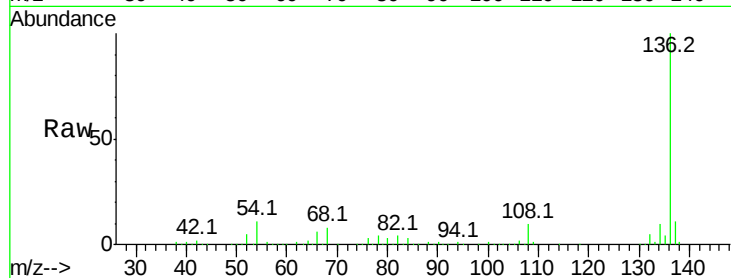




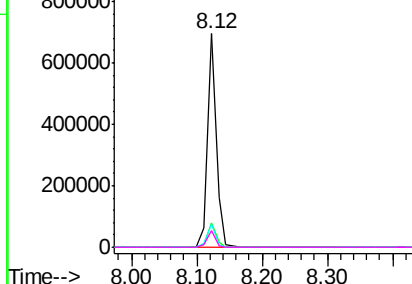
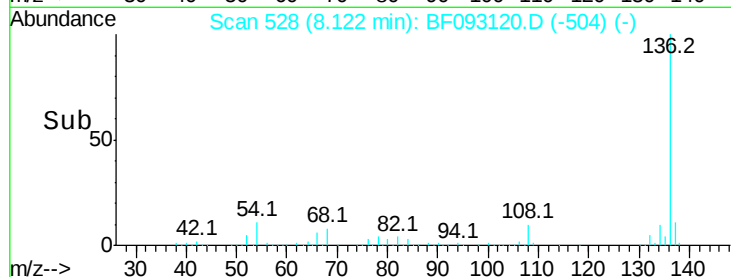
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.02 min
Lab File: BF093120.D
Acq: 23 Feb 2017 22:37

Instrument :
BNA_F
ClientSampleId :
CLP-S-03(5-10)

Tot Ion:136	Resp: 645222
Ion Ratio	Lower Upper
136 100	
137 11.3	8.4 12.6
54 10.6	4.5 6.7#
68 7.6	3.6 5.4#

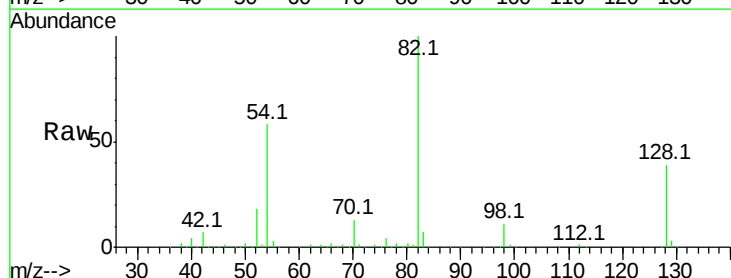


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

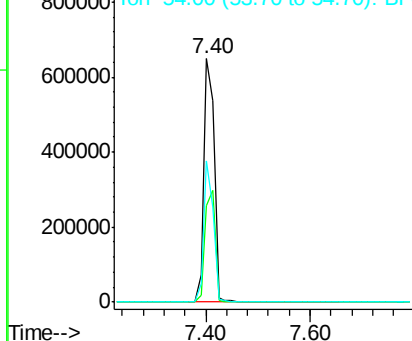
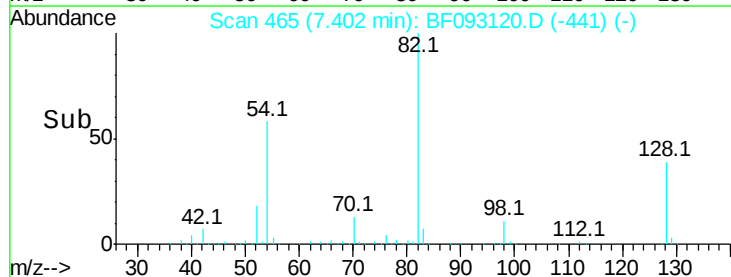


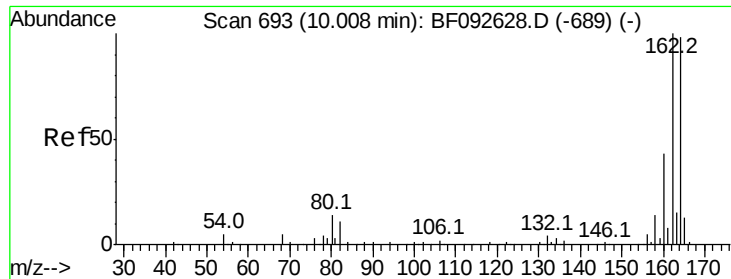
#23
Nitrobenzene-d5
Concen: 76.71 ng
RT: 7.40 min Scan# 465
Delta R.T. -0.02 min
Lab File: BF093120.D
Acq: 23 Feb 2017 22:37

Tgt Ion: 82	Resp: 888764
Ion Ratio	Lower Upper
82 100	
128 39.3	34.6 52.0
54 58.1	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

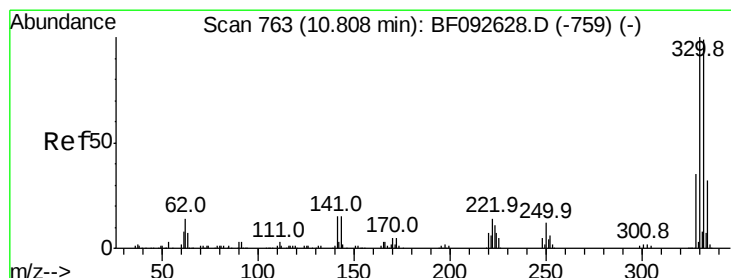
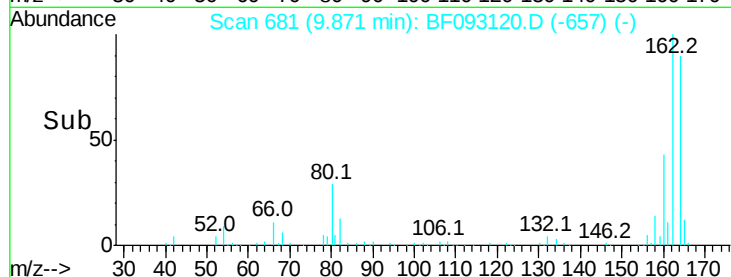
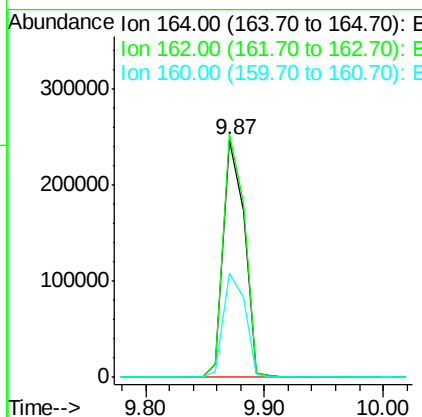
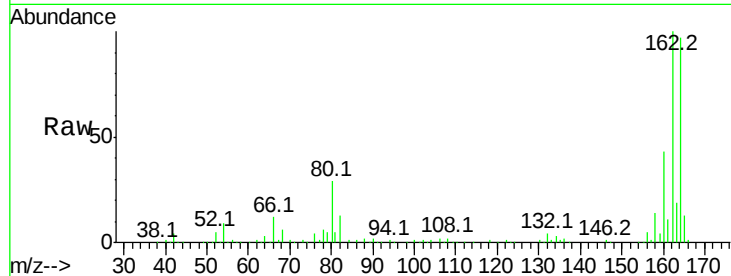




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.87 min Scan# 681
 Delta R.T. -0.02 min
 Lab File: BF093120.D
 Acq: 23 Feb 2017 22:37

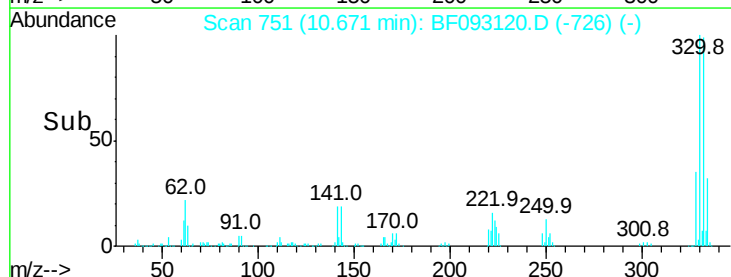
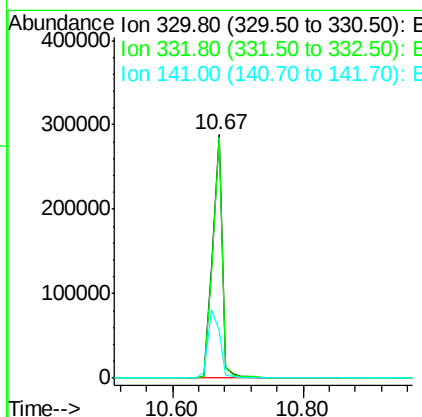
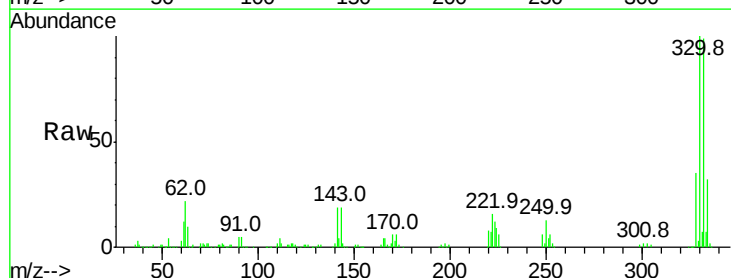
Instrument :
 BNA_F
 ClientSampleId :
 CLP-S-03(5-10)

Tot Ion:164 Resp: 301232
 Ion Ratio Lower Upper
 164 100
 162 102.6 80.2 120.2
 160 44.0 36.9 55.3



#41
 2,4,6-Tribromophenol
 Concen: 141.36 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF093120.D
 Acq: 23 Feb 2017 22:37

Tgt Ion:330 Resp: 307979
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.4 116.2
 141 33.6 34.1 51.1#



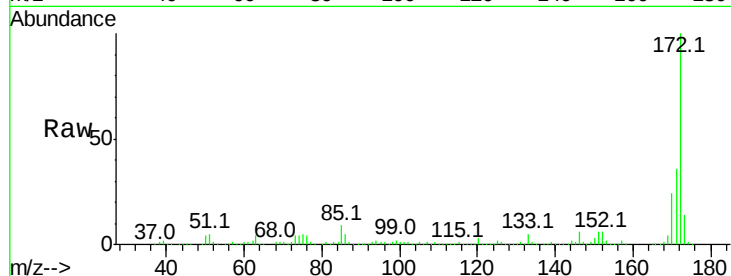


#44
 2-Fluorobiphenyl
 Concen: 91.77 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.02 min
 Lab File: BF093120.D
 Acq: 23 Feb 2017 22:37

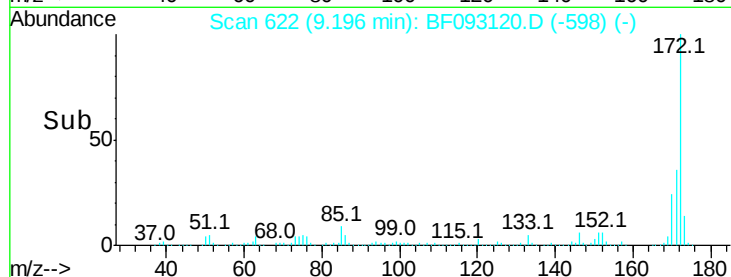
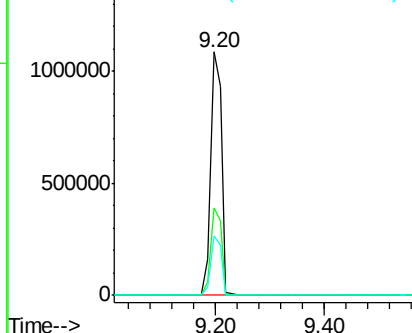
Instrument :
 BNA_F
 ClientSampleId :
 CLP-S-03(5-10)

Tot Ion:172 Resp: 1525885

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.4	44.0
170	24.2	20.2	30.4



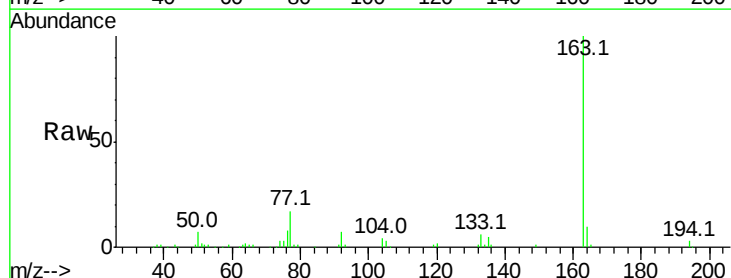
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



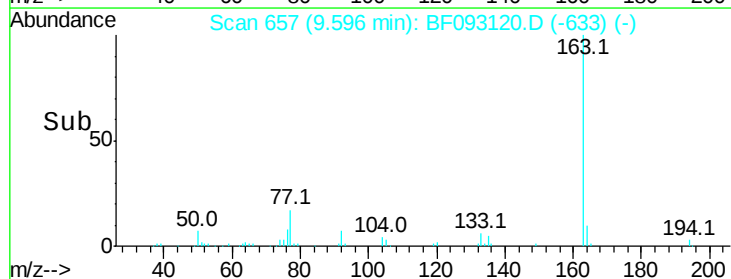
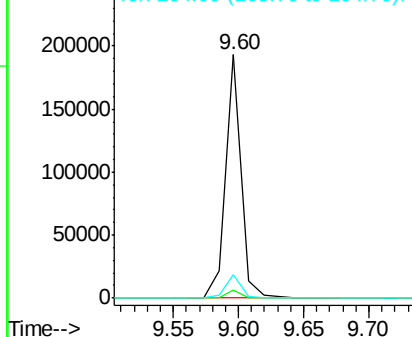
#49
 Dimethylphthalate
 Concen: 7.84 ng
 RT: 9.60 min Scan# 657
 Delta R.T. -0.02 min
 Lab File: BF093120.D
 Acq: 23 Feb 2017 22:37

Tgt Ion:163 Resp: 159097

Ion	Ratio	Lower	Upper
163	100		
194	3.2	3.0	4.4
164	9.9	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

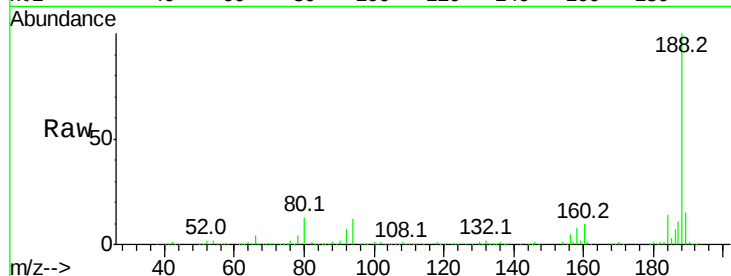




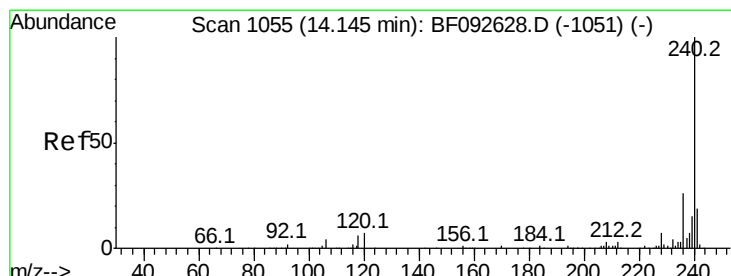
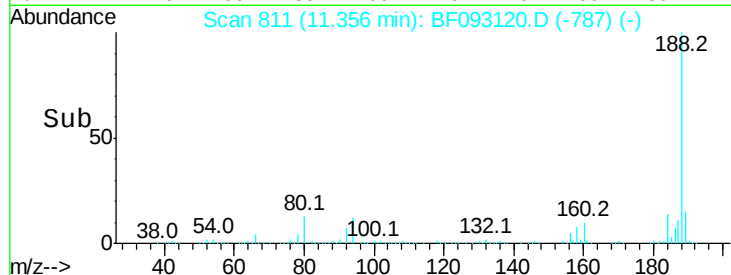
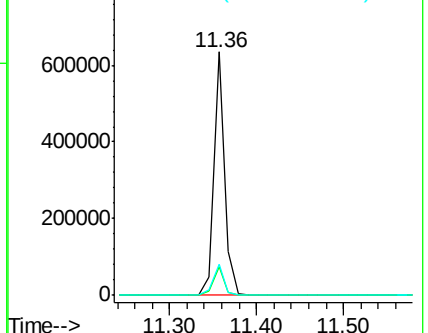
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF093120.D
Acq: 23 Feb 2017 22:37

Instrument :
BNA_F
ClientSampleId :
CLP-S-03(5-10)

Tot Ion:188 Resp: 556629
Ion Ratio Lower Upper
188 100
94 12.0 10.0 15.0
80 13.0 11.2 16.8

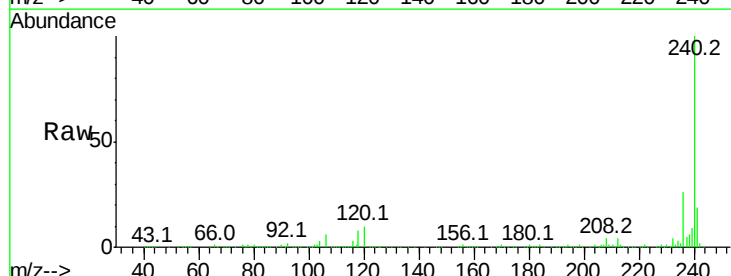


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

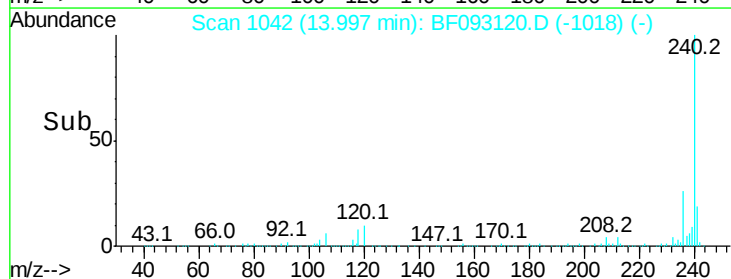
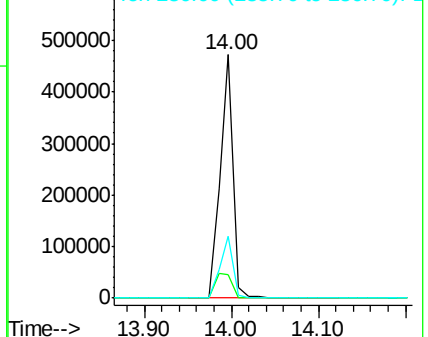


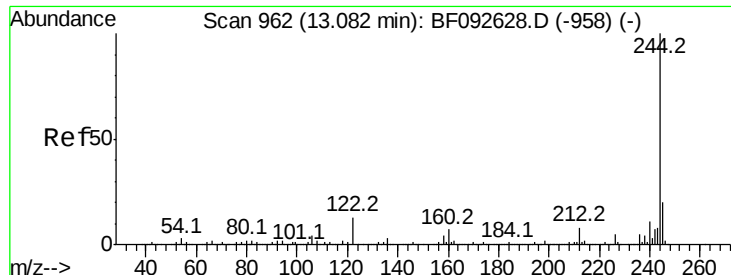
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.02 min
Lab File: BF093120.D
Acq: 23 Feb 2017 22:37

Tgt Ion:240 Resp: 493830
Ion Ratio Lower Upper
240 100
120 9.6 12.9 19.3#
236 25.7 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: 58.51 ng

RT: 12.95 min Scan# 950

Delta R.T. -0.02 min

Lab File: BF093120.D

Acq: 23 Feb 2017 22:37

Instrument :

BNA_F

ClientSampleId :

CLP-S-03(5-10)

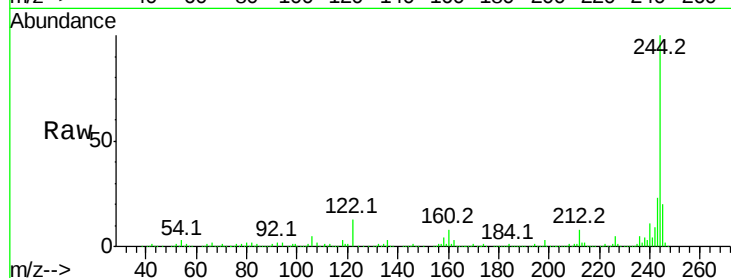
Tot Ion:244 Resp: 1229625

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

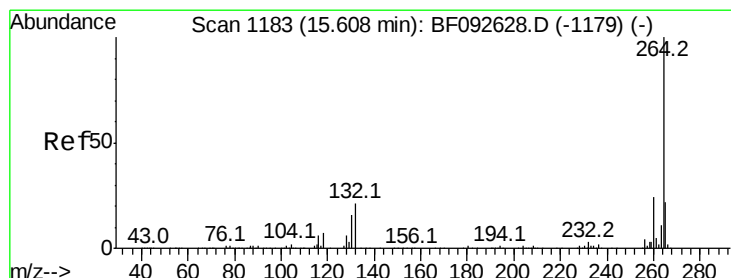
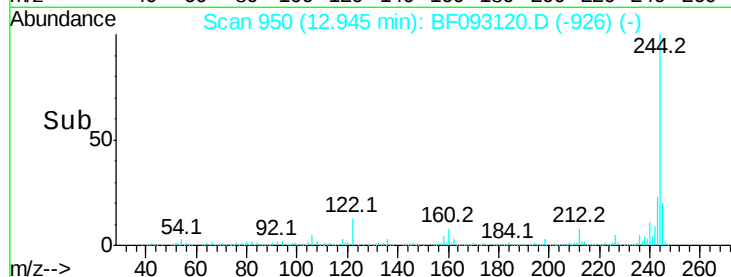
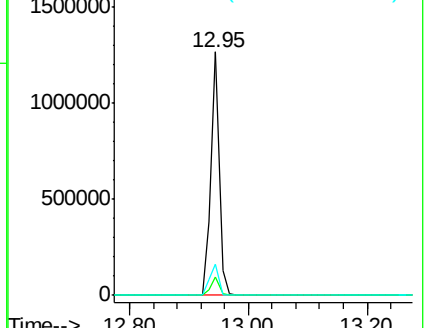
122 13.0 11.4 17.2



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: BF093120.D

Acq: 23 Feb 2017 22:37

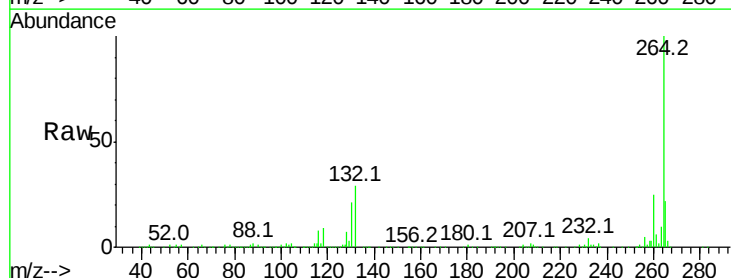
Tgt Ion:264 Resp: 325553

Ion Ratio Lower Upper

264 100

260 24.5 19.2 28.8

265 22.1 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

