

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052217\
 Data File : BF095337.D
 Acq On : 23 May 2017 5:37
 Operator : SJ/MA
 Sample : I3249-26
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-18COMP

Quant Time: May 23 07:58:58 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 17:07:53 2017
 Response via : Initial Calibration

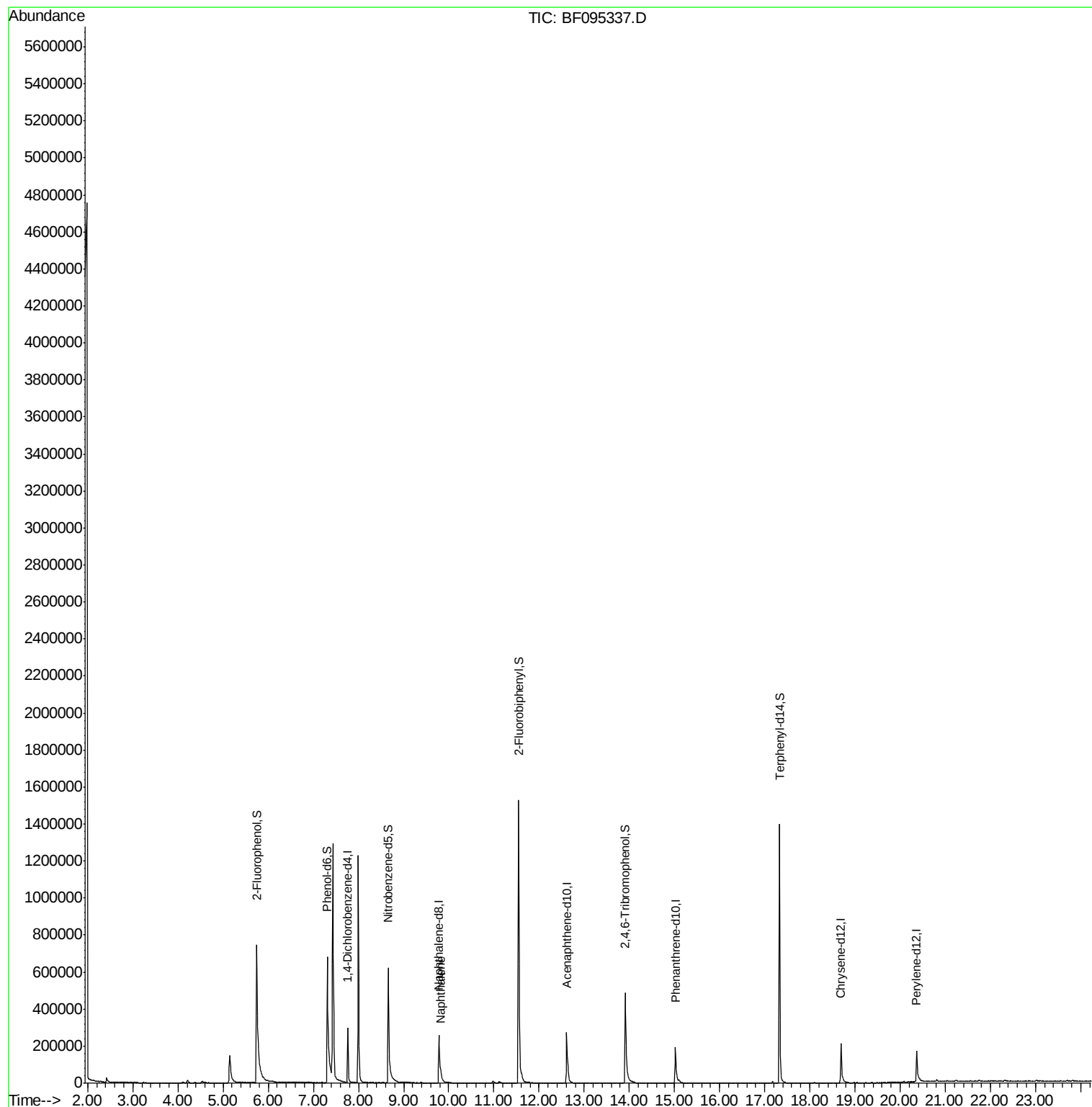
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	70466	20.00	ng	0.00
21) Naphthalene-d8	9.78	136	284508	20.00	ng	0.00
38) Acenaphthene-d10	12.61	164	128073	20.00	ng	0.00
63) Phenanthrene-d10	15.02	188	160160	20.00	ng	0.00
75) Chrysene-d12	18.69	240	154165	20.00	ng	0.00
86) Perylene-d12	20.37	264	116908	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.74	112	631768	149.48	ng	0.00
7) Phenol-d6	7.31	99	657190	129.59	ng	0.00
23) Nitrobenzene-d5	8.66	82	436117	96.66	ng	-0.01
41) 2,4,6-Tribromophenol	13.91	330	133159	126.95	ng	0.00
44) 2-Fluorobiphenyl	11.55	172	918223	103.19	ng	-0.01
78) Terphenyl-d14	17.33	244	591985	84.58	ng	-0.02
Target Compounds						
31) Naphthalene	9.82	128	32610	2.28	ng	Qvalue 100

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.76 min Scan# 990

Delta R.T. -0.01 min

Lab File: BF095337.D

Acq: 23 May 2017 5:37

Instrument :

BNA_F

ClientSampleId :

SB-18COMP

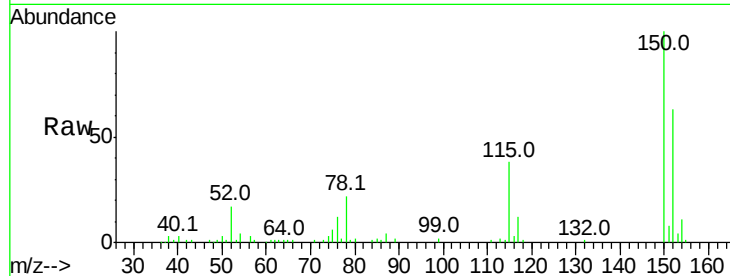
Tot Ion:152 Resp: 70466

Ion Ratio Lower Upper

152 100

150 158.2 126.2 189.2

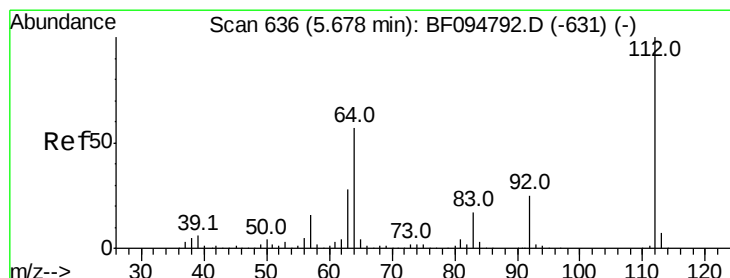
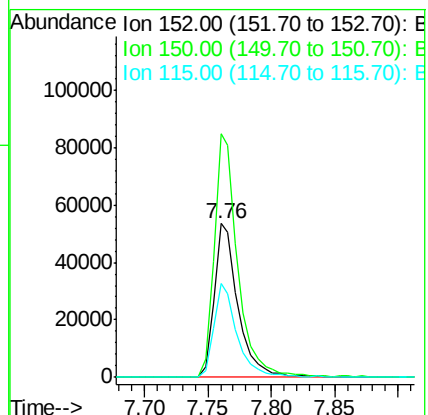
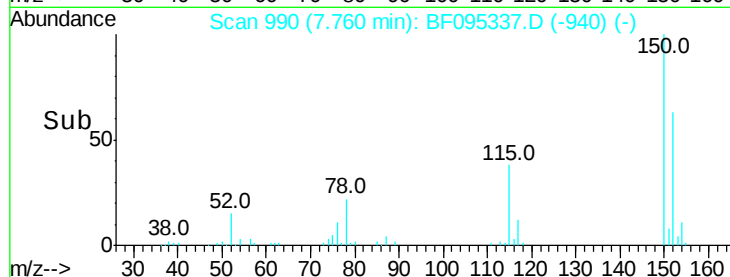
115 60.8 52.2 78.2



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: 149.48 ng

RT: 5.74 min Scan# 647

Delta R.T. 0.01 min

Lab File: BF095337.D

Acq: 23 May 2017 5:37

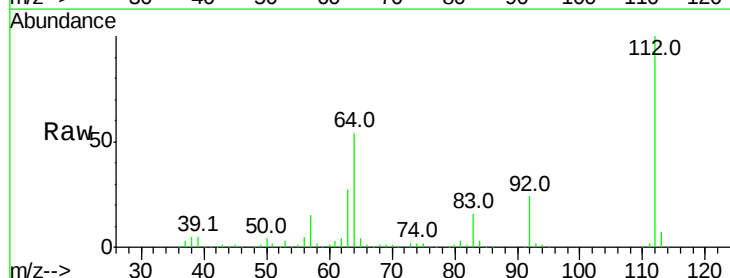
Tgt Ion:112 Resp: 631768

Ion Ratio Lower Upper

112 100

64 53.7 46.0 69.0

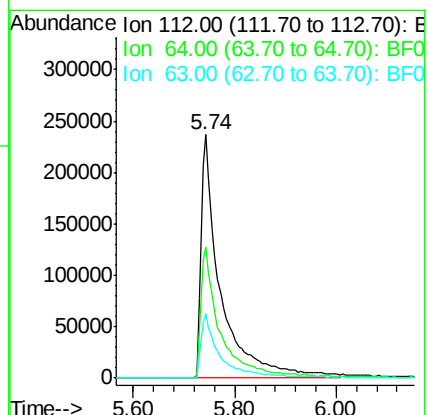
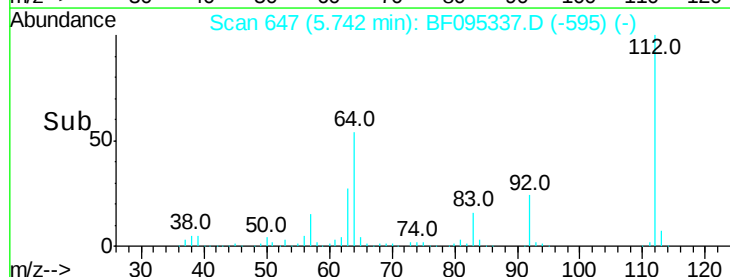
63 26.5 23.4 35.0



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: 129.59 ng

RT: 7.31 min Scan# 913

Delta R.T. -0.01 min

Lab File: BF095337.D

Acq: 23 May 2017 5:37

Instrument :

BNA_F

ClientSampleId :

SB-18COMP

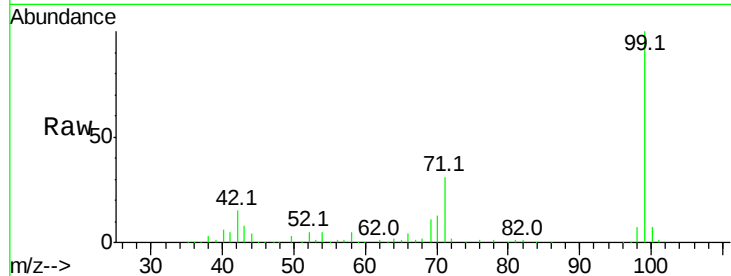
Tot Ion: 99 Resp: 657190

Ion Ratio Lower Upper

99 100

42 14.7 13.5 20.3

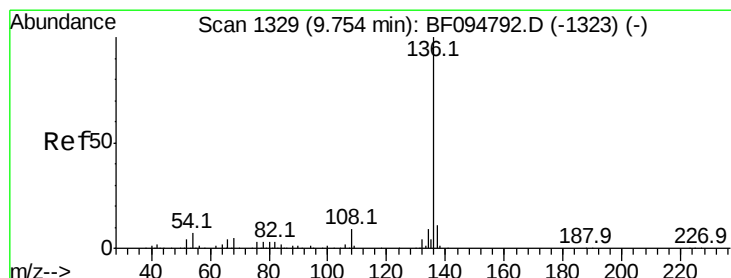
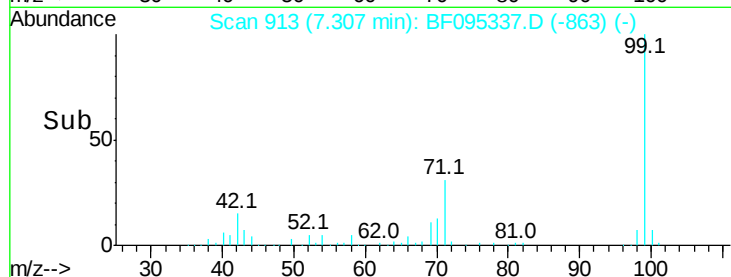
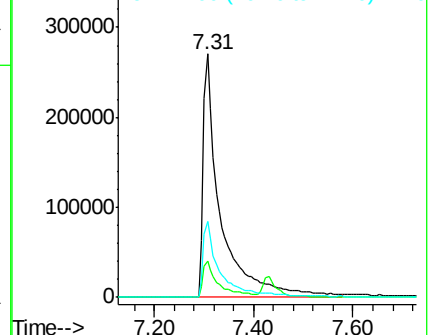
71 31.1 24.5 36.7



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: 9.78 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BF095337.D

Acq: 23 May 2017 5:37

Tgt Ion: 136 Resp: 284508

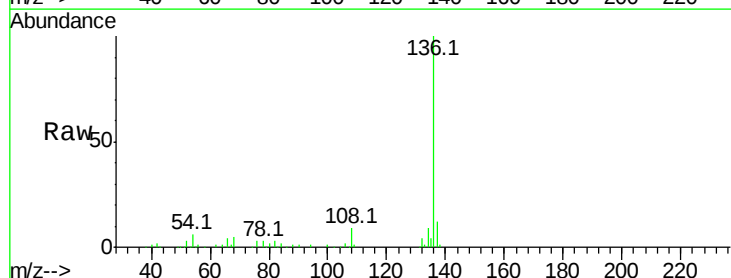
Ion Ratio Lower Upper

136 100

137 11.6 8.5 12.7

54 6.2 4.9 7.3

68 4.7 4.1 6.1

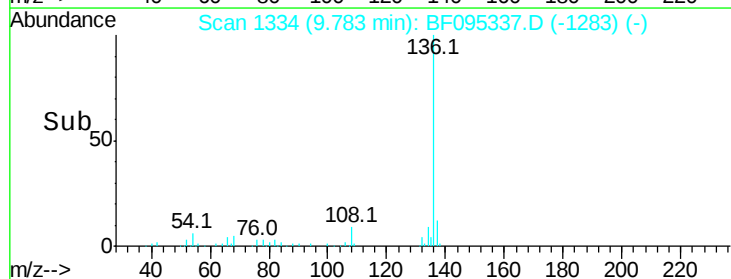
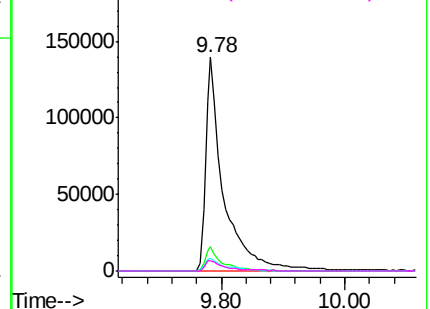


Abundance Ion 136.00 (135.70 to 136.70): E

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

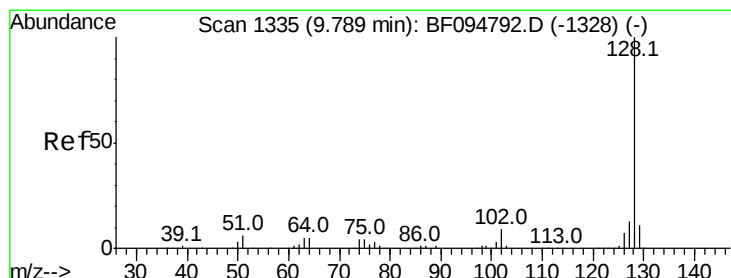
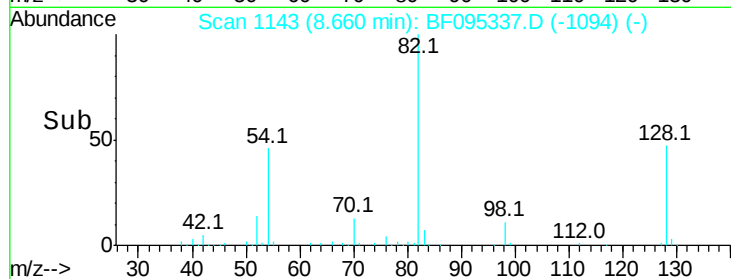
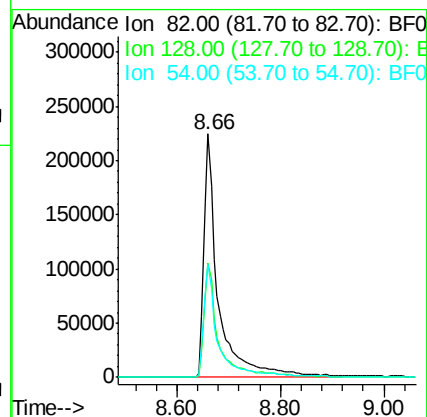
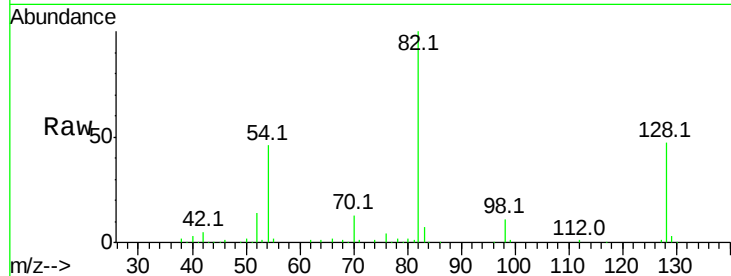




#23
Nitrobenzene-d5
Concen: 96.66 ng
RT: 8.66 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF095337.D
Acq: 23 May 2017 5:37

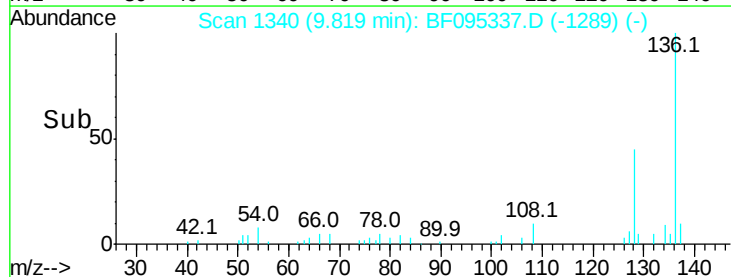
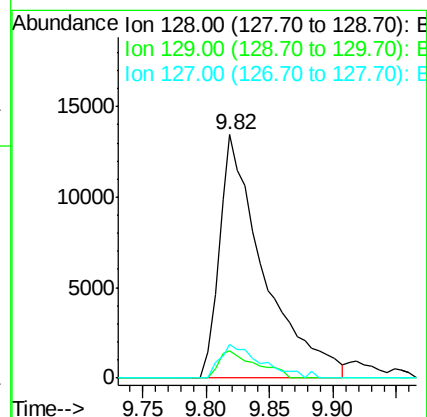
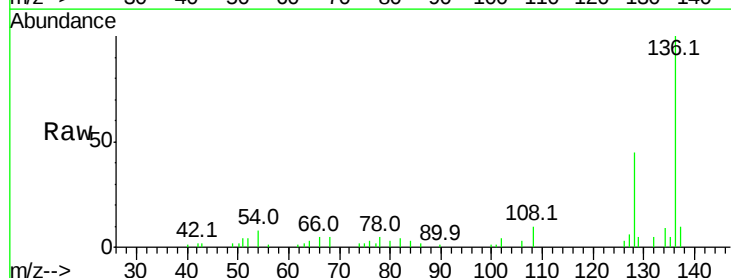
Instrument :
BNA_F
ClientSampleId :
SB-18COMP

Tot Ion: 82 Resp: 436117
Ion Ratio Lower Upper
82 100
128 46.9 34.0 51.0
54 46.2 42.2 63.2



#31
Naphthalene
Concen: 2.28 ng
RT: 9.82 min Scan# 1340
Delta R.T. 0.00 min
Lab File: BF095337.D
Acq: 23 May 2017 5:37

Tgt Ion:128 Resp: 32610
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 13.7 10.8 16.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.61 min Scan# 1815

Delta R.T. -0.01 min

Lab File: BF095337.D

Acq: 23 May 2017 5:37

Instrument :

BNA_F

ClientSampleId :

SB-18COMP

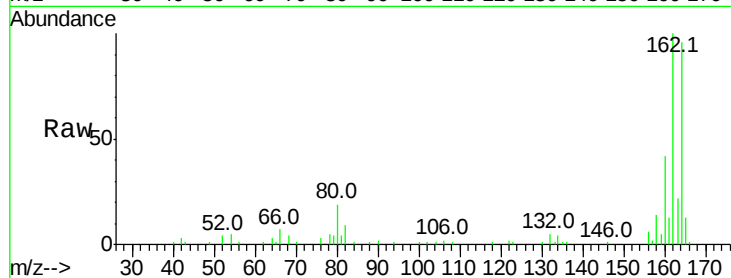
Tot Ion:164 Resp: 128073

Ion Ratio Lower Upper

164 100

162 104.2 82.6 123.8

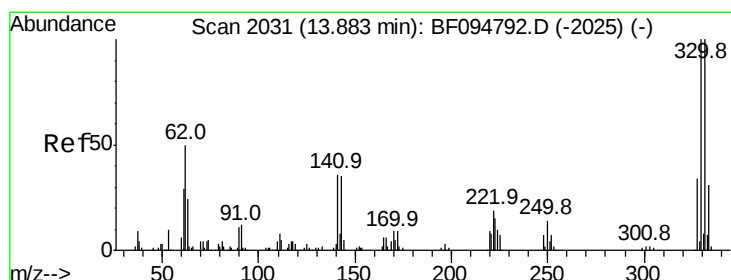
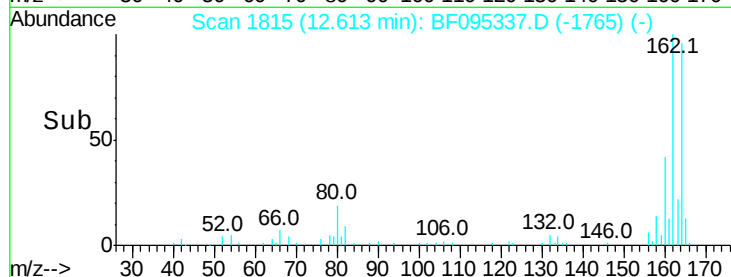
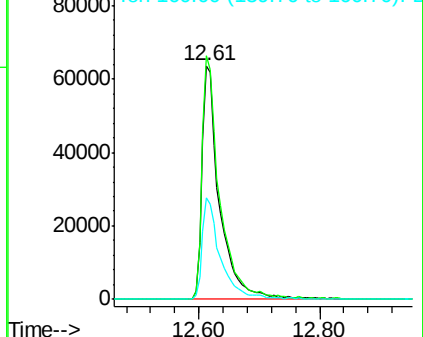
160 43.3 36.2 54.2



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: 126.95 ng

RT: 13.91 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BF095337.D

Acq: 23 May 2017 5:37

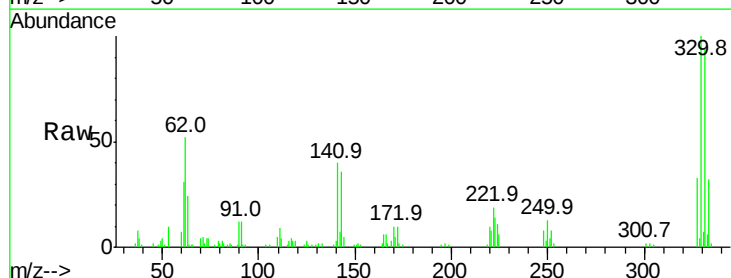
Tgt Ion:330 Resp: 133159

Ion Ratio Lower Upper

330 100

332 96.9 76.6 115.0

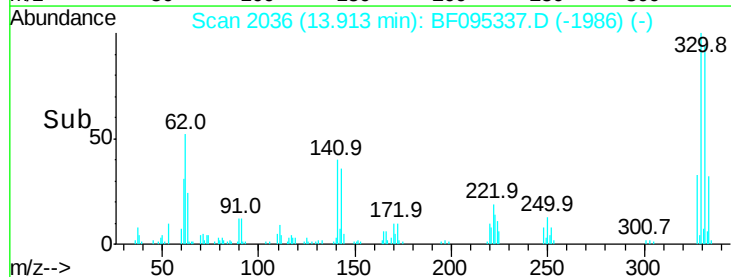
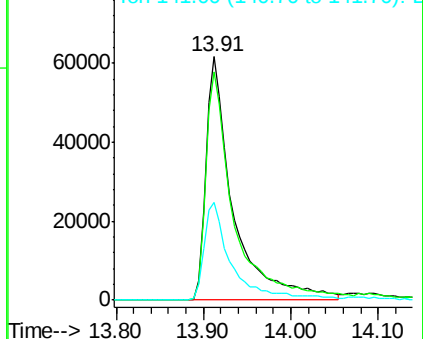
141 40.9 31.4 47.2



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

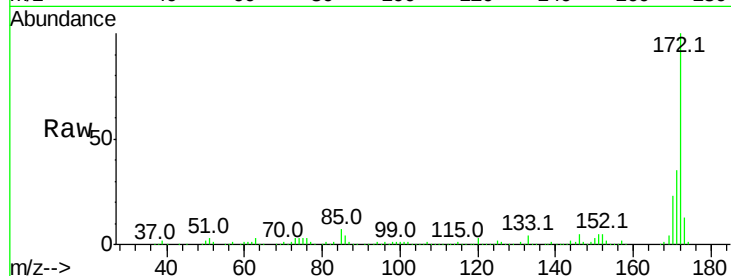




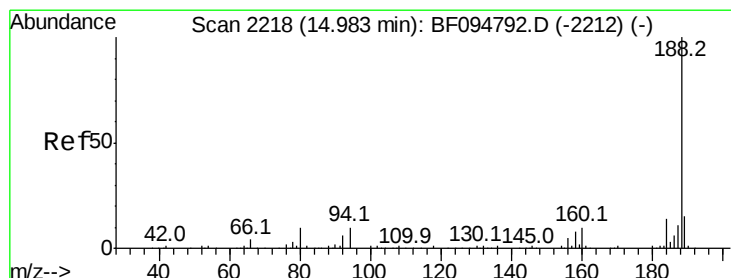
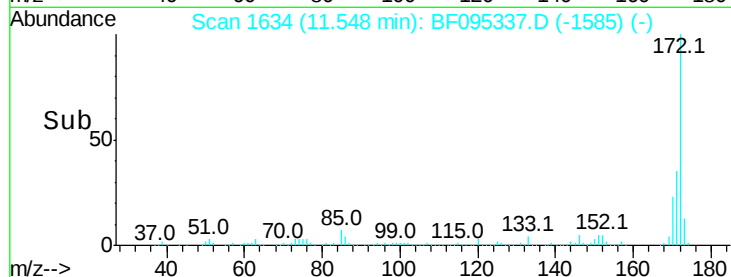
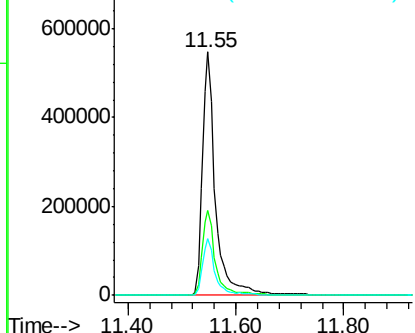
#44
 2-Fluorobiphenyl
 Concen: 103.19 ng
 RT: 11.55 min Scan# 1634
 Delta R.T. -0.01 min
 Lab File: BF095337.D
 Acq: 23 May 2017 5:37

Instrument :
 BNA_F
 ClientSampleId :
 SB-18COMP

Tot Ion:172 Resp: 918223
 Ion Ratio Lower Upper
 172 100
 171 35.1 29.6 44.4
 170 23.3 19.8 29.8

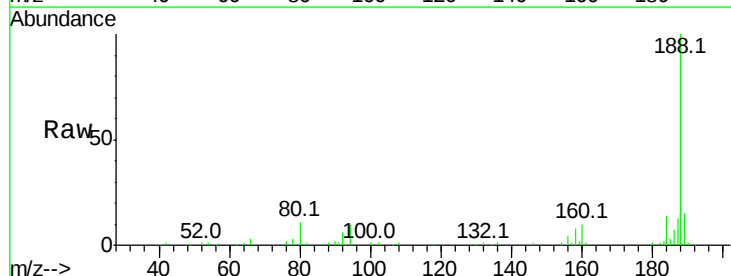


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

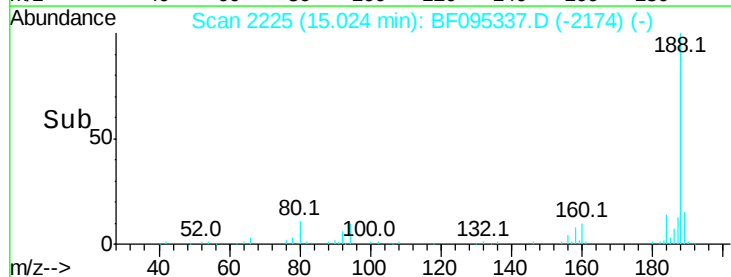
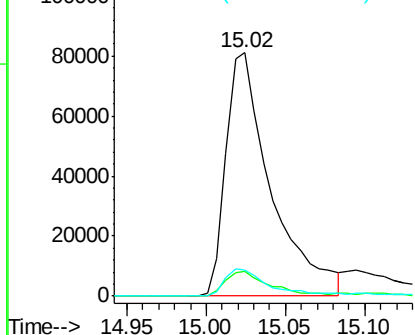


#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 15.02 min Scan# 2225
 Delta R.T. 0.00 min
 Lab File: BF095337.D
 Acq: 23 May 2017 5:37

Tgt Ion:188 Resp: 160160
 Ion Ratio Lower Upper
 188 100
 94 10.2 9.4 14.2
 80 10.9 10.2 15.2



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

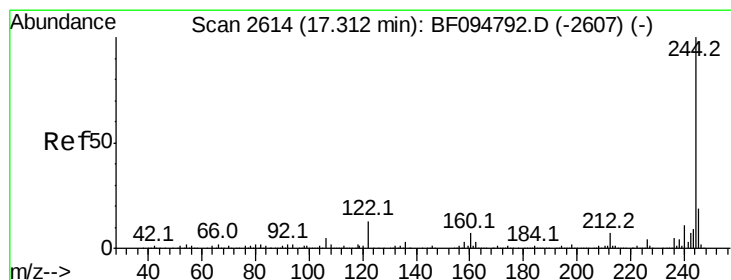
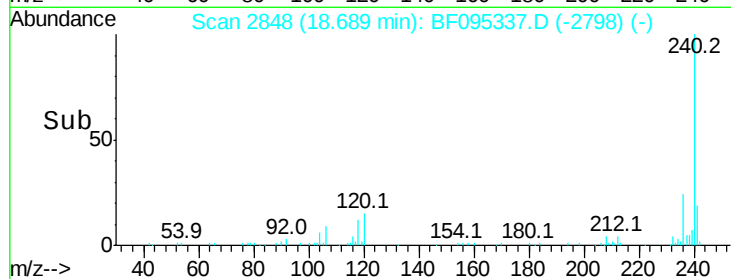
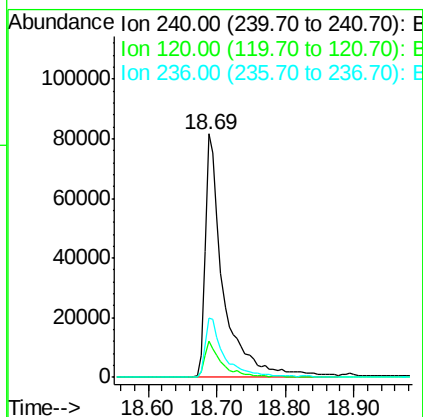
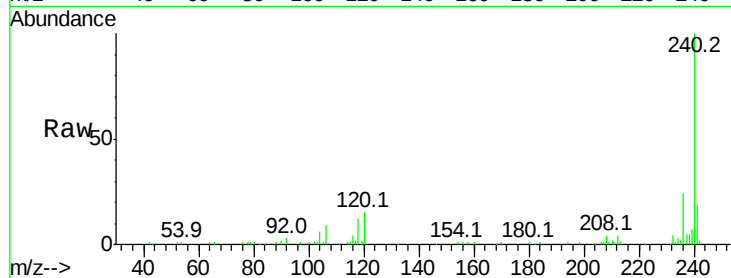




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.69 min Scan# 2848
 Delta R.T. -0.01 min
 Lab File: BF095337.D
 Acq: 23 May 2017 5:37

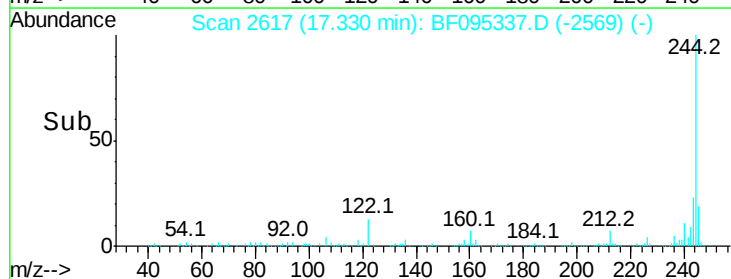
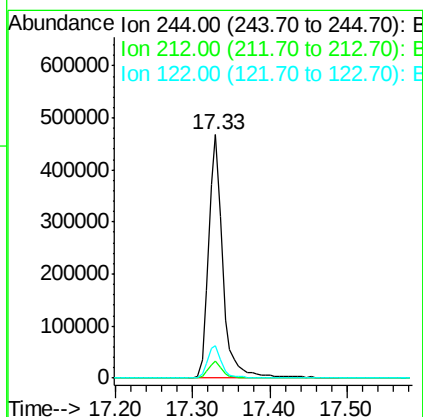
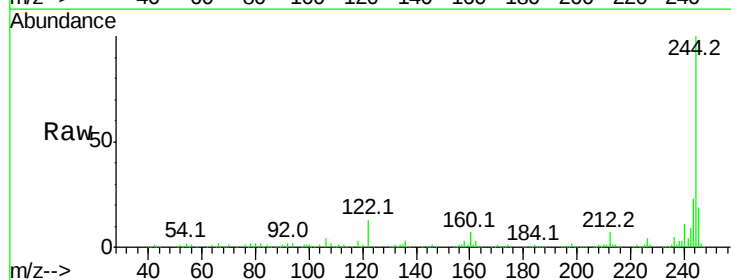
Instrument :
 BNA_F
 ClientSampleId :
 SB-18COMP

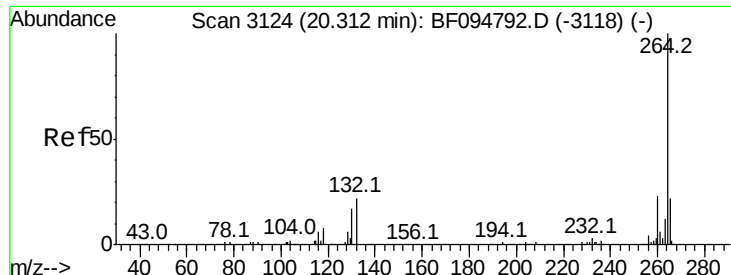
Tot Ion:240 Resp: 154165
 Ion Ratio Lower Upper
 240 100
 120 15.0 5.8 8.8#
 236 24.4 20.5 30.7



#78
 Terphenyl-d14
 Concen: 84.58 ng
 RT: 17.33 min Scan# 2617
 Delta R.T. -0.02 min
 Lab File: BF095337.D
 Acq: 23 May 2017 5:37

Tgt Ion:244 Resp: 591985
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 13.5 10.3 15.5

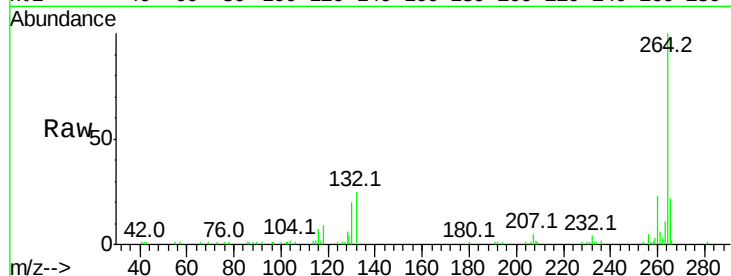




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 20.37 min Scan# 3133
 Delta R.T. 0.00 min
 Lab File: BF095337.D
 Acq: 23 May 2017 5:37

Instrument :
 BNA_F
 ClientSampleId :
 SB-18COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.5	29.3
265	22.4	17.2	25.8



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

