

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050517\
 Data File : BF094925.D
 Acq On : 5 May 2017 19:37
 Operator : SJ/MA
 Sample : PB98685BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB98685BL

Quant Time: May 05 23:52:33 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	99531	20.00	ng	0.00
21) Naphthalene-d8	9.74	136	388912	20.00	ng	-0.01
38) Acenaphthene-d10	12.57	164	184613	20.00	ng	-0.01
63) Phenanthrene-d10	14.97	188	354344	20.00	ng	-0.01
75) Chrysene-d12	18.64	240	265069	20.00	ng	-0.01
86) Perylene-d12	20.31	264	139109	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	840813	140.84	ng	0.00
7) Phenol-d6	7.27	99	961942	134.29	ng	-0.01
23) Nitrobenzene-d5	8.62	82	594540	96.40	ng	-0.01
41) 2,4,6-Tribromophenol	13.87	330	221220	146.32	ng	-0.02
44) 2-Fluorobiphenyl	11.52	172	1128088	87.95	ng	-0.01
78) Terphenyl-d14	17.30	244	1036469	86.12	ng	-0.01

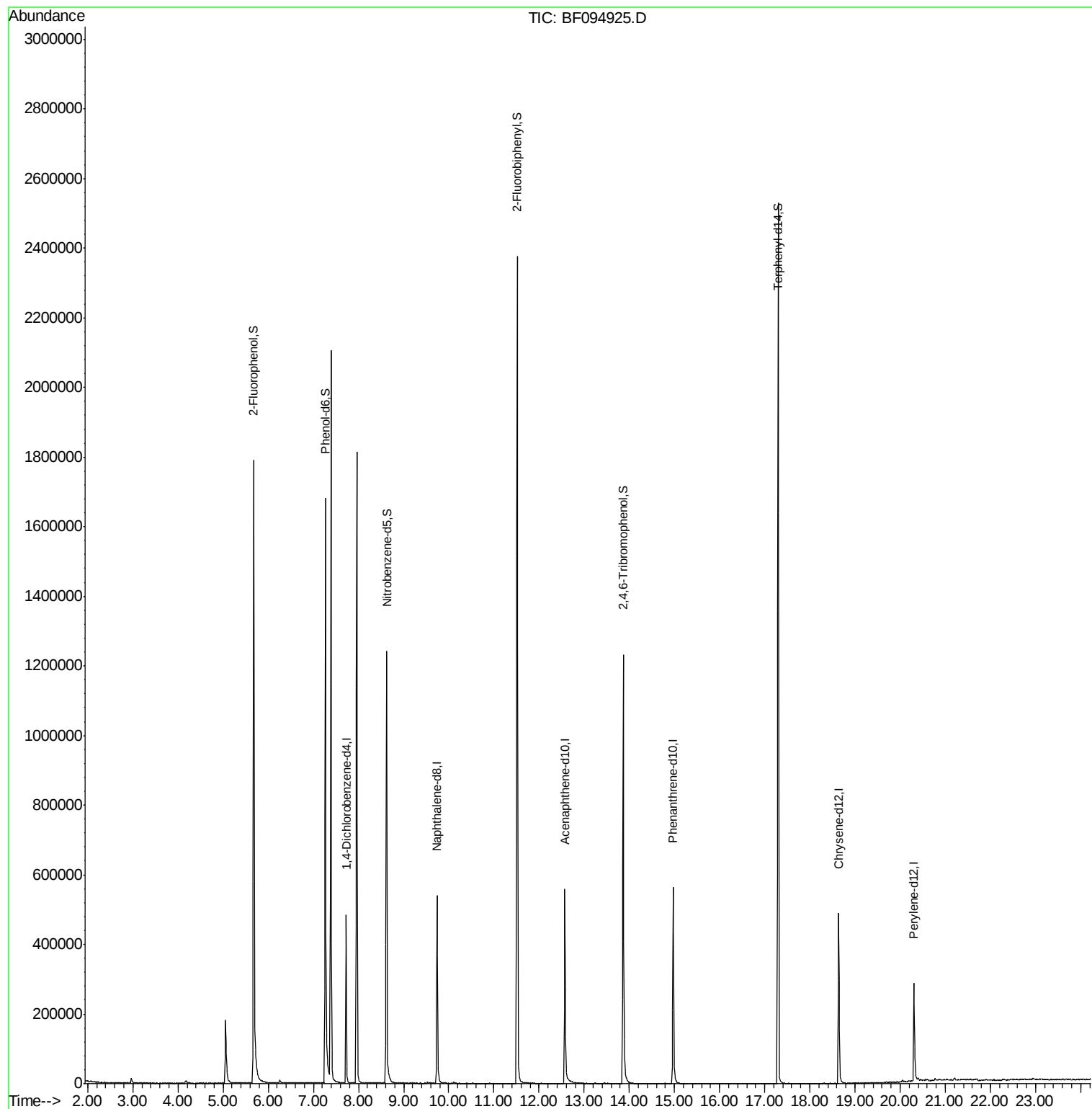
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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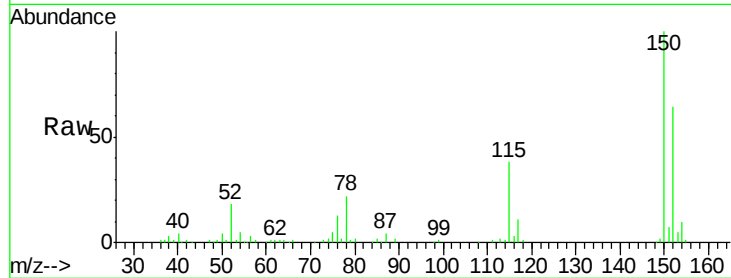


#1

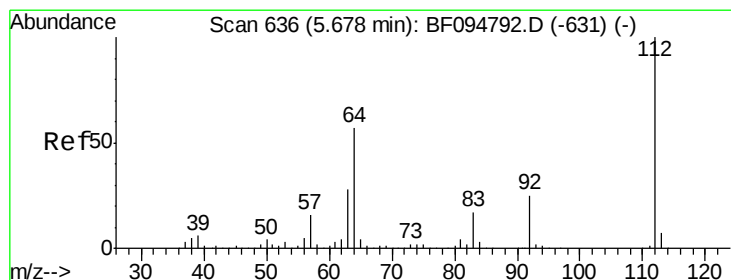
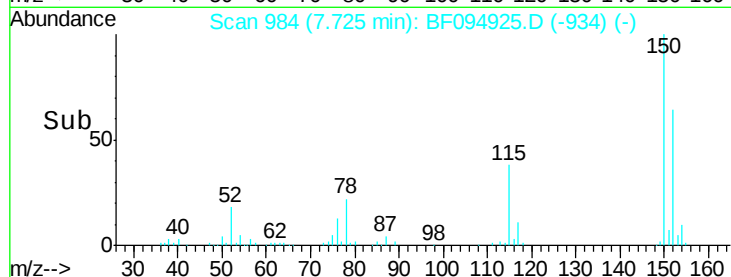
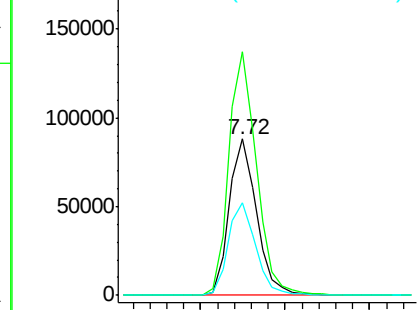
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF094925.D
Acq: 5 May 2017 19:37

Instrument :
BNA_F
ClientSampleId :
PB98685BL

Tgt Ion:152 Resp: 99531
Ion Ratio Lower Upper
152 100
150 155.9 126.2 189.2
115 59.2 52.2 78.2



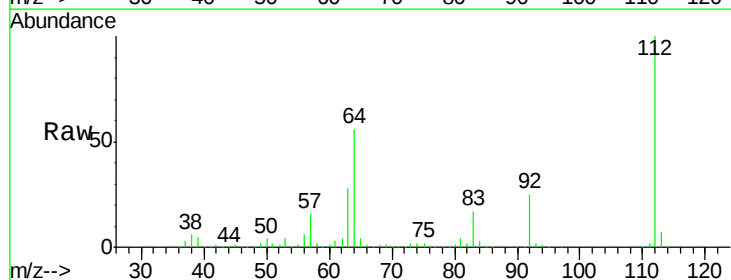
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



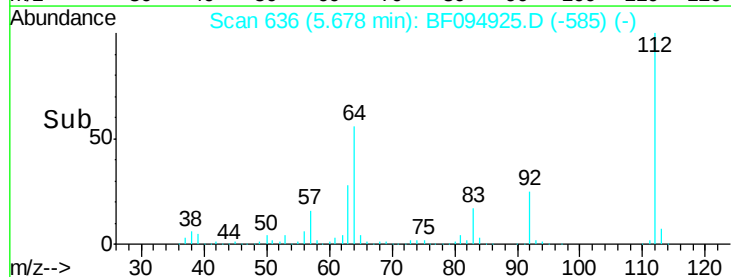
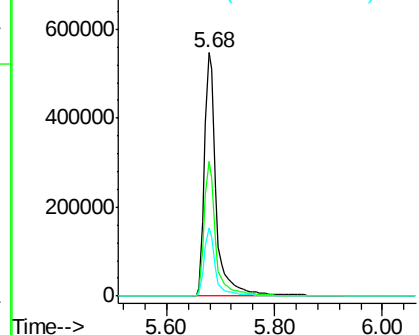
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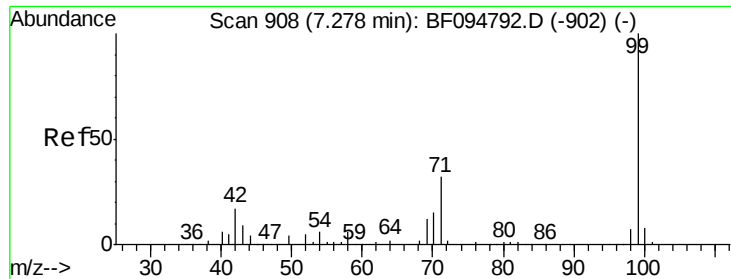
2-Fluorophenol
Concen: 140.84 ng
RT: 5.68 min Scan# 636
Delta R.T. 0.00 min
Lab File: BF094925.D
Acq: 5 May 2017 19:37

Tgt Ion:112 Resp: 840813
Ion Ratio Lower Upper
112 100
64 55.5 46.0 69.0
63 28.0 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: 134.29 ng

RT: 7.27 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF094925.D

Acq: 5 May 2017 19:37

Instrument :

BNA_F

ClientSampleId :

PB98685BL

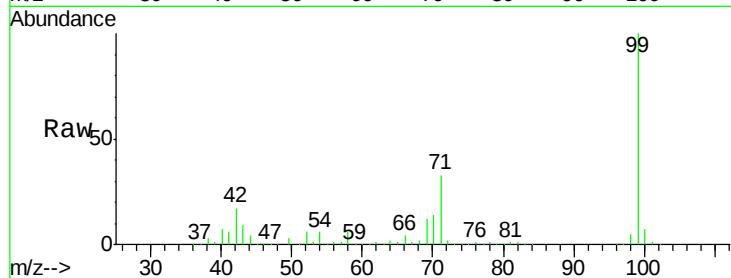
Tgt Ion: 99 Resp: 961942

Ion Ratio Lower Upper

99 100

42 16.8 13.5 20.3

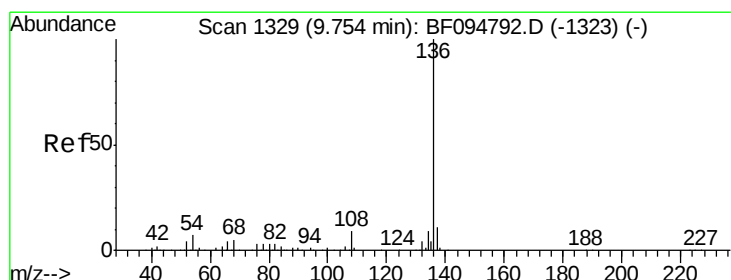
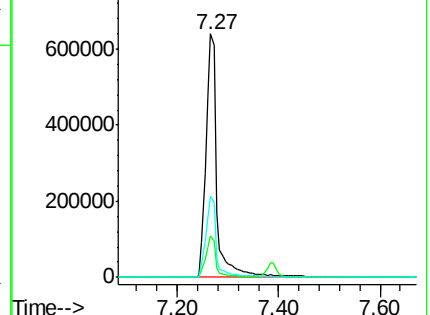
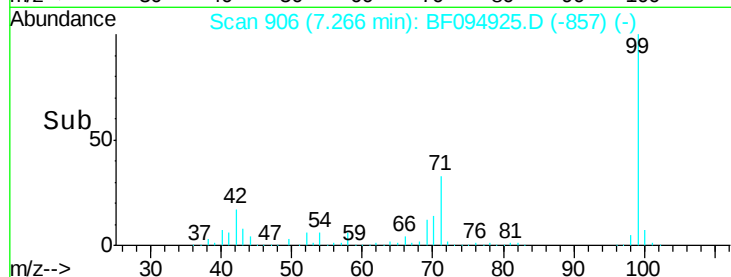
71 33.1 24.5 36.7



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: 9.74 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF094925.D

Acq: 5 May 2017 19:37

Tgt Ion: 136 Resp: 388912

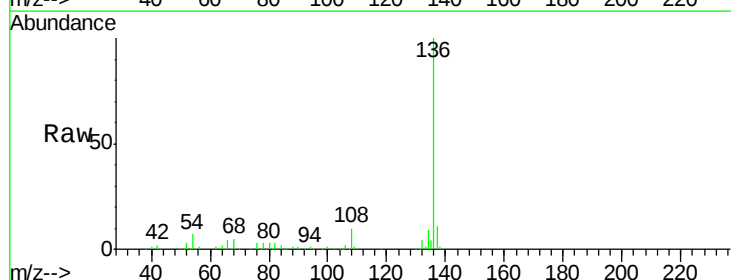
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 7.0 4.9 7.3

68 5.5 4.1 6.1

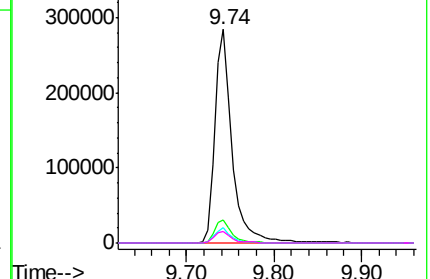
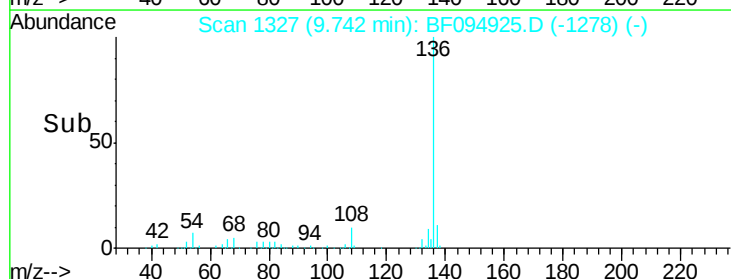


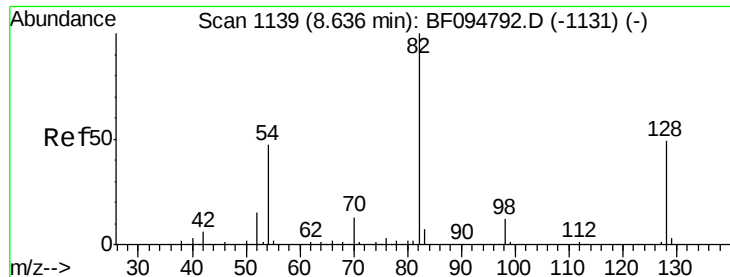
Abundance Ion 136.00 (135.70 to 136.70): E

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

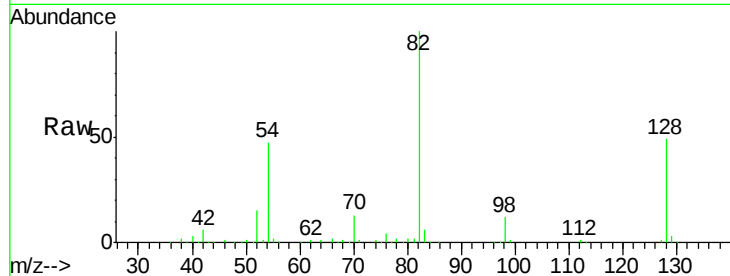




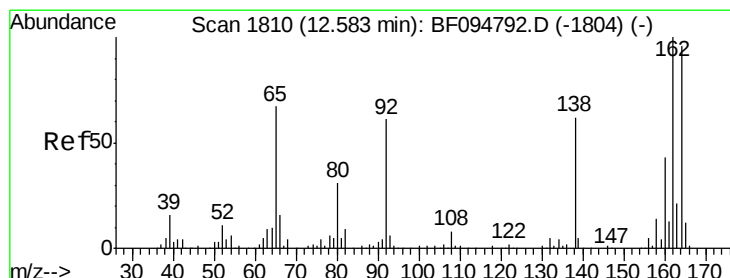
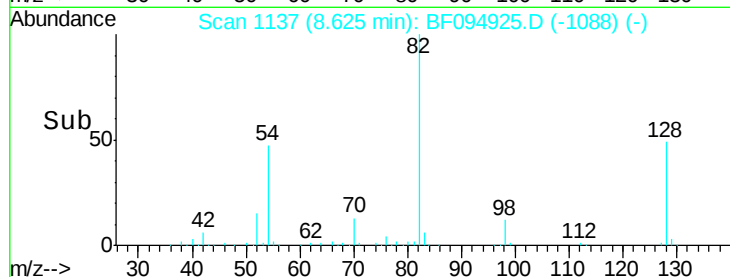
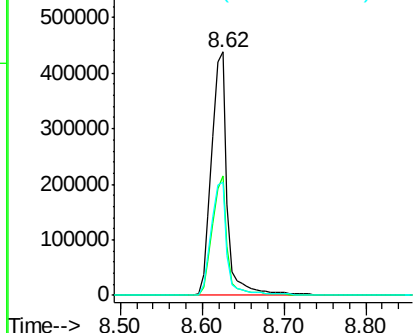
#23
Nitrobenzene-d5
Concen: 96.40 ng
RT: 8.62 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BF094925.D
Acq: 5 May 2017 19:37

Instrument :
BNA_F
ClientSampleId :
PB98685BL

Tgt Ion: 82 Resp: 594540
Ion Ratio Lower Upper
82 100
128 49.1 34.0 51.0
54 46.5 42.2 63.2

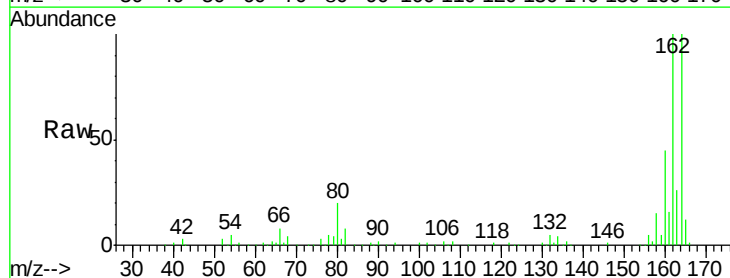


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

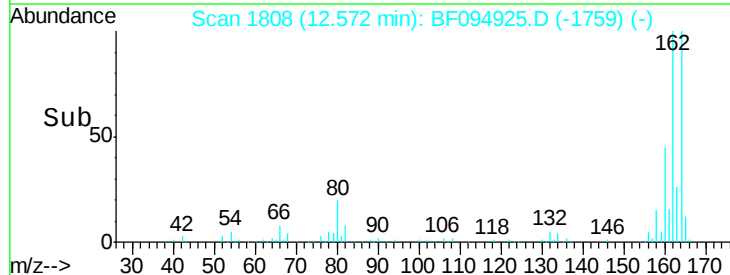
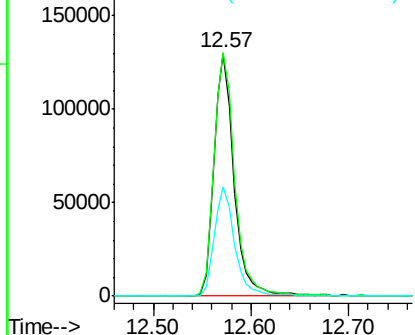


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.57 min Scan# 1808
Delta R.T. -0.01 min
Lab File: BF094925.D
Acq: 5 May 2017 19:37

Tgt Ion: 164 Resp: 184613
Ion Ratio Lower Upper
164 100
162 100.3 82.6 123.8
160 44.7 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

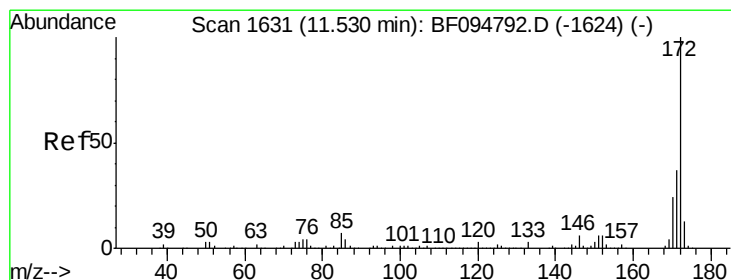
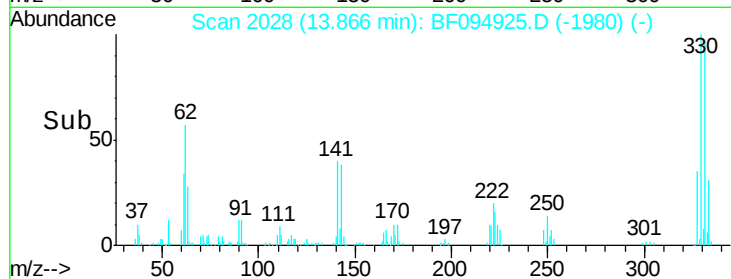
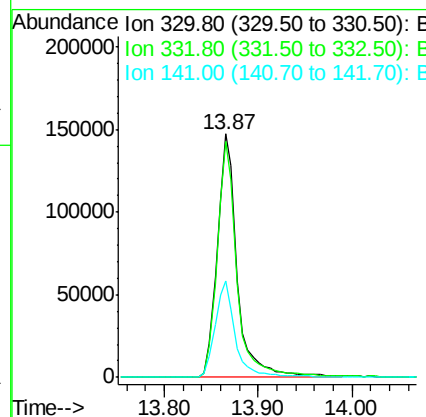
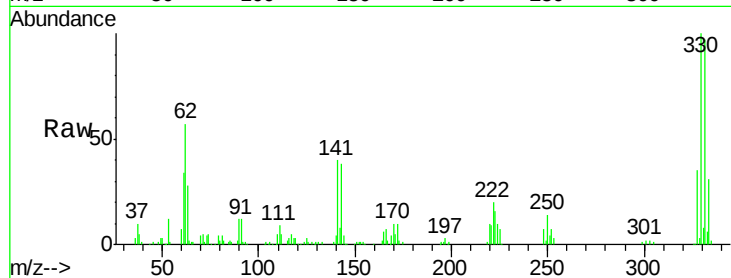




#41
 2,4,6-Tribromophenol
 Concen: 146.32 ng
 RT: 13.87 min Scan# 2028
 Delta R.T. -0.02 min
 Lab File: BF094925.D
 Acq: 5 May 2017 19:37

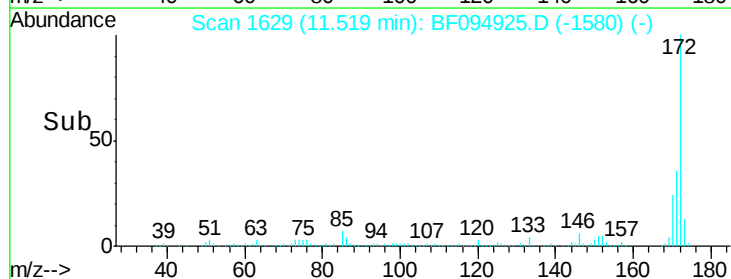
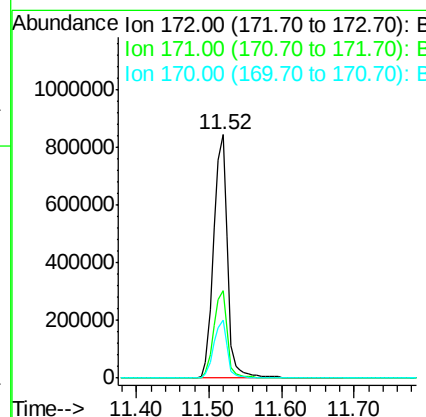
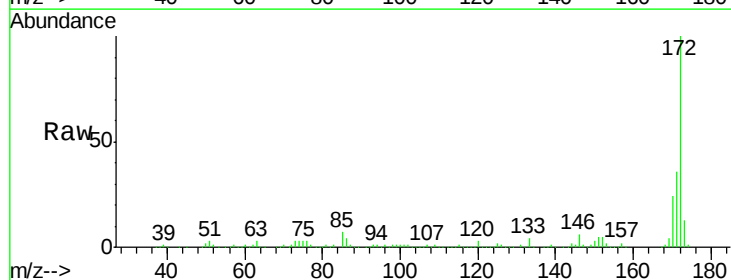
Instrument :
 BNA_F
 ClientSampleId :
 PB98685BL

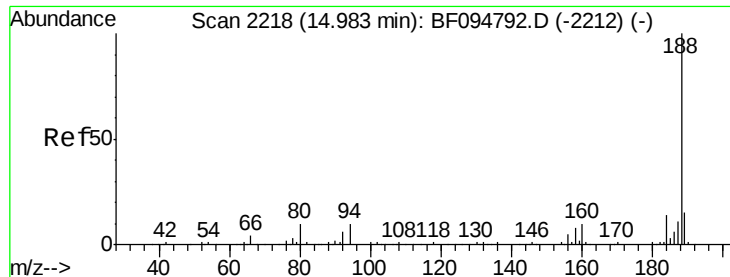
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.6	115.0
141	40.3	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 87.95 ng
 RT: 11.52 min Scan# 1629
 Delta R.T. -0.01 min
 Lab File: BF094925.D
 Acq: 5 May 2017 19:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	23.8	19.8	29.8

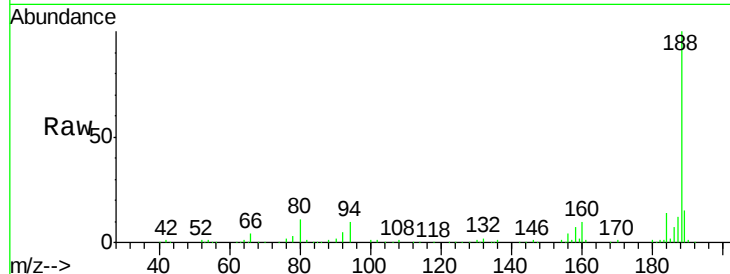




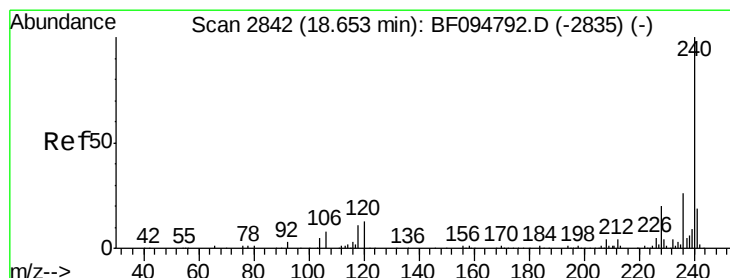
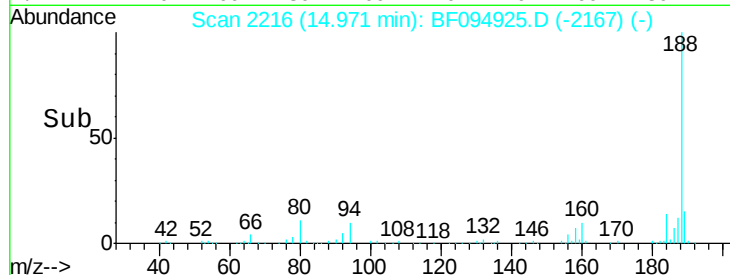
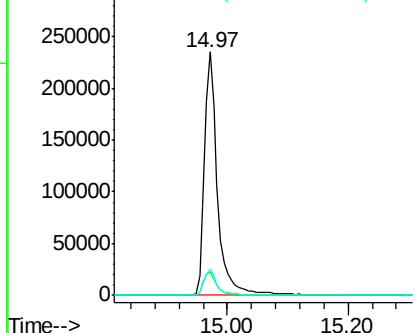
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.97 min Scan# 2216
Delta R.T. -0.01 min
Lab File: BF094925.D
Acq: 5 May 2017 19:37

Instrument :
BNA_F
ClientSampleId :
PB98685BL

Tgt Ion:188 Resp: 354344
Ion Ratio Lower Upper
188 100
94 9.7 9.4 14.2
80 10.8 10.2 15.2

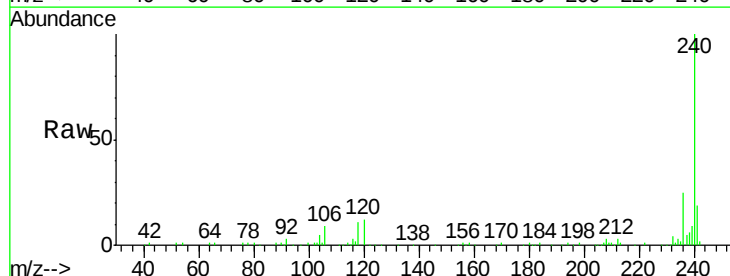


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

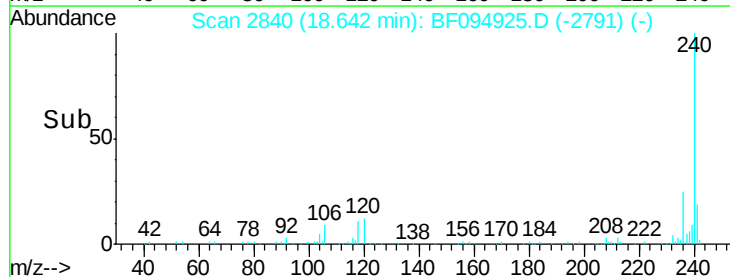
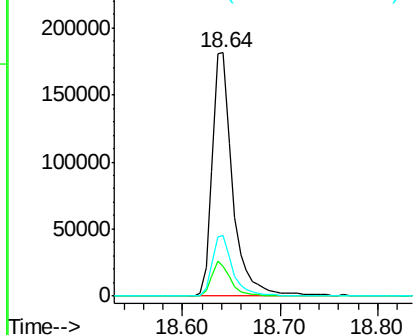


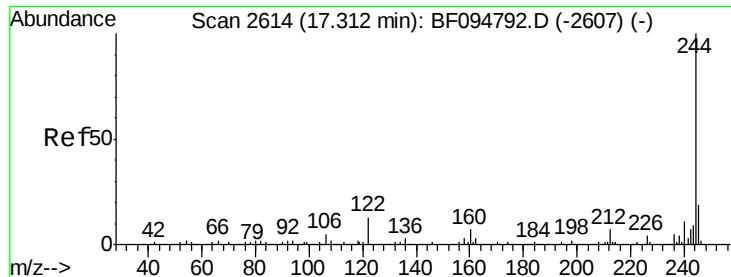
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.64 min Scan# 2840
Delta R.T. -0.01 min
Lab File: BF094925.D
Acq: 5 May 2017 19:37

Tgt Ion:240 Resp: 265069
Ion Ratio Lower Upper
240 100
120 12.3 5.8 8.8#
236 25.1 20.5 30.7



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

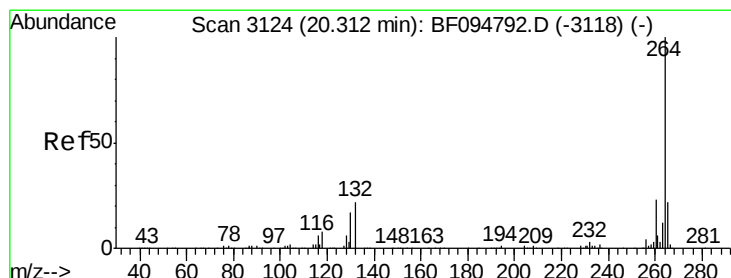
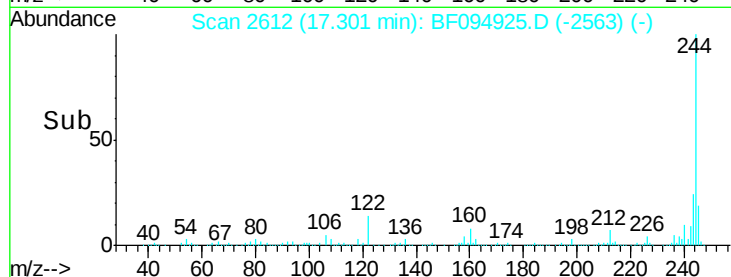
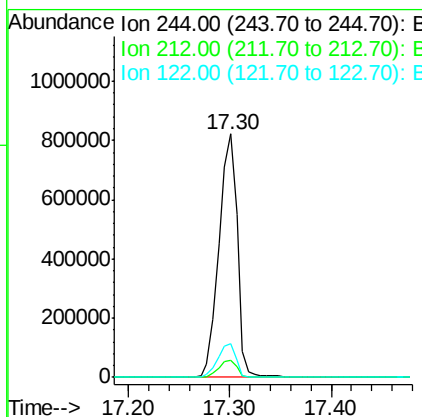
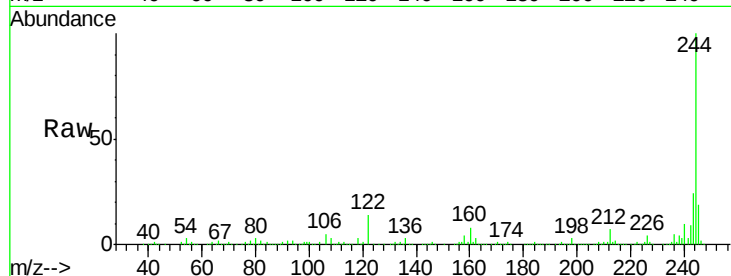




#78
 Terphenyl-d14
 Concen: 86.12 ng
 RT: 17.30 min Scan# 2612
 Delta R.T. -0.01 min
 Lab File: BF094925.D
 Acq: 5 May 2017 19:37

Instrument :
 BNA_F
 ClientSampleId :
 PB98685BL

Tgt Ion:244 Resp: 1036469
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 13.7 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.31 min Scan# 3123
 Delta R.T. -0.01 min
 Lab File: BF094925.D
 Acq: 5 May 2017 19:37

Tgt Ion:264 Resp: 139109
 Ion Ratio Lower Upper
 264 100
 260 26.6 19.5 29.3
 265 20.5 17.2 25.8

