

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050417\
 Data File : BF094898.D
 Acq On : 5 May 2017 4:48
 Operator : SJ/MA
 Sample : PB98693BL
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB98693BL

Quant Time: May 05 07:03:27 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	87916	20.00	ng	-0.01
21) Naphthalene-d8	9.74	136	383075	20.00	ng	-0.01
38) Acenaphthene-d10	12.57	164	176650	20.00	ng	-0.01
63) Phenanthrene-d10	14.97	188	310596	20.00	ng	-0.01
75) Chrysene-d12	18.64	240	213927	20.00	ng	-0.02
86) Perylene-d12	20.30	264	189876	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	623018	118.15	ng	-0.01
7) Phenol-d6	7.27	99	818679	129.39	ng	-0.01
23) Nitrobenzene-d5	8.62	82	468795	77.17	ng	-0.02
41) 2,4,6-Tribromophenol	13.87	330	166445	115.05	ng	-0.02
44) 2-Fluorobiphenyl	11.52	172	940284	76.61	ng	-0.01
78) Terphenyl-d14	17.30	244	729706	75.13	ng	-0.01

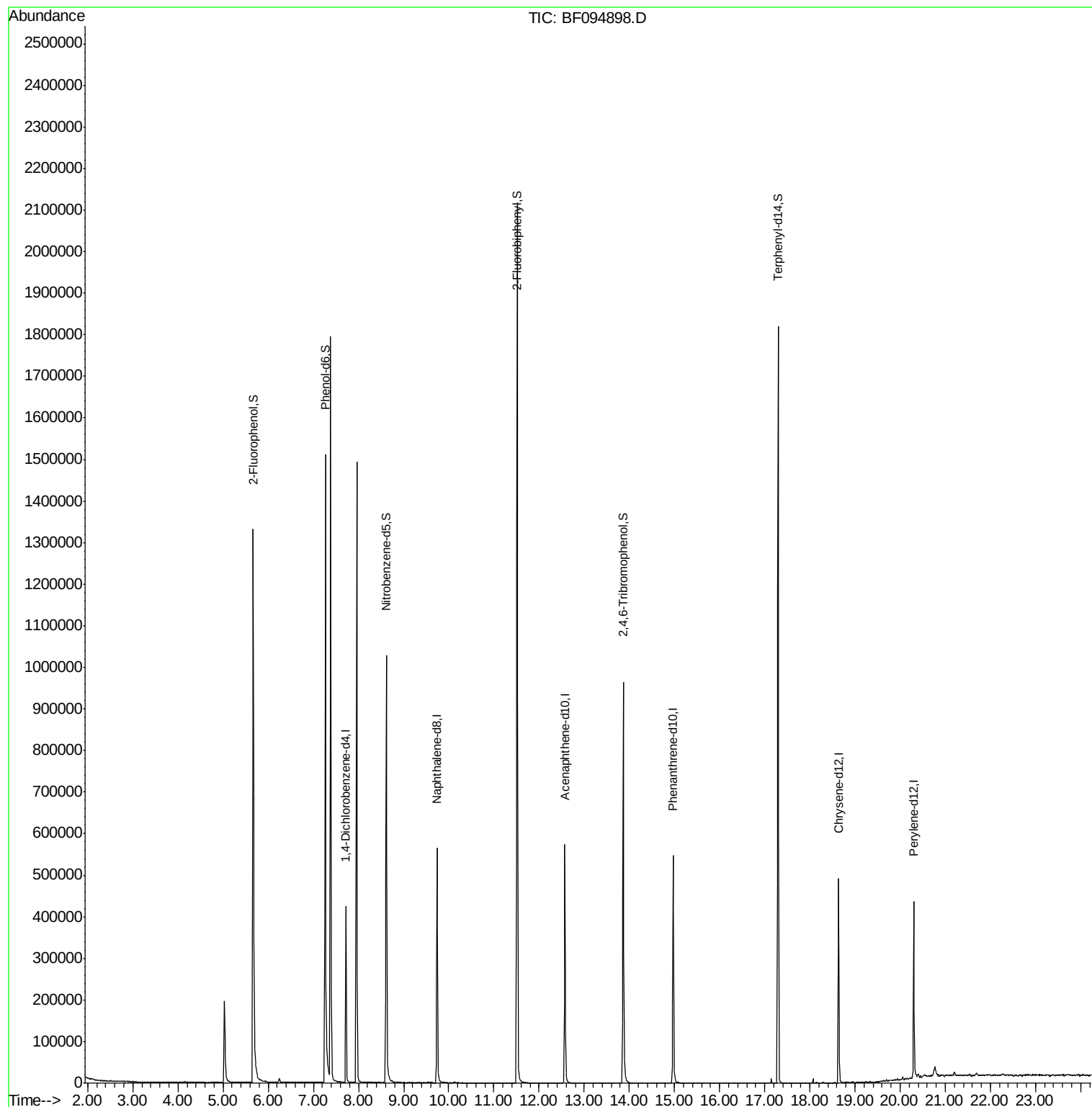
Target Compounds	Qvalue
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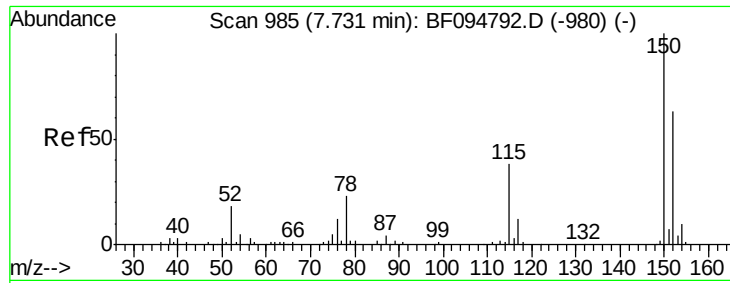
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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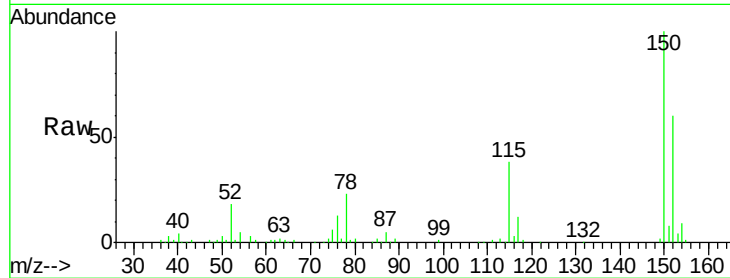


#1

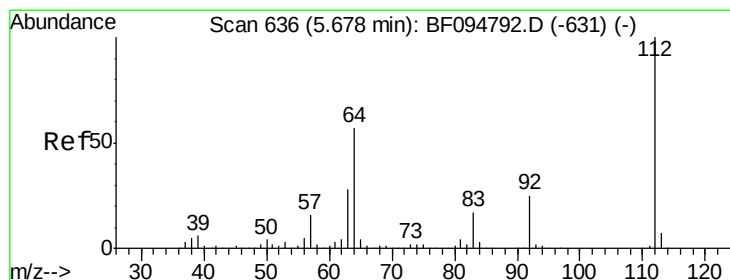
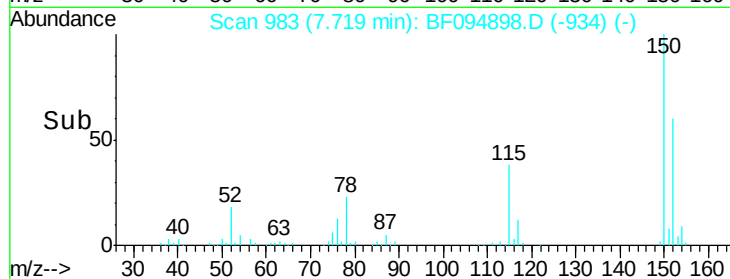
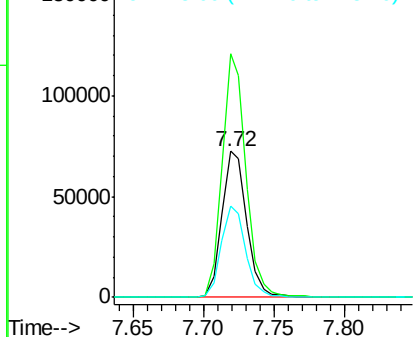
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF094898.D
Acq: 5 May 2017 4:48

Instrument :
BNA_F
ClientSampleId :
PB98693BL

Tgt Ion:152 Resp: 87916
Ion Ratio Lower Upper
152 100
150 166.8 126.2 189.2
115 63.0 52.2 78.2



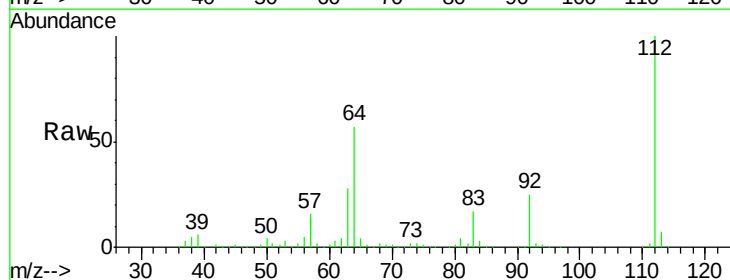
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



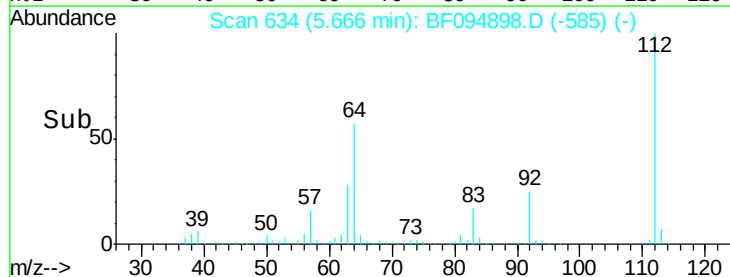
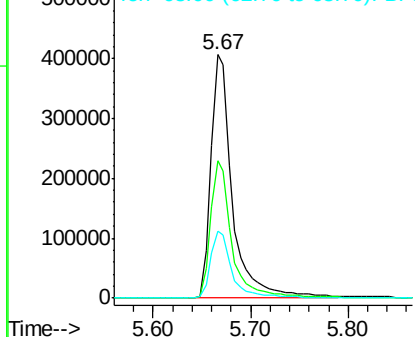
#5

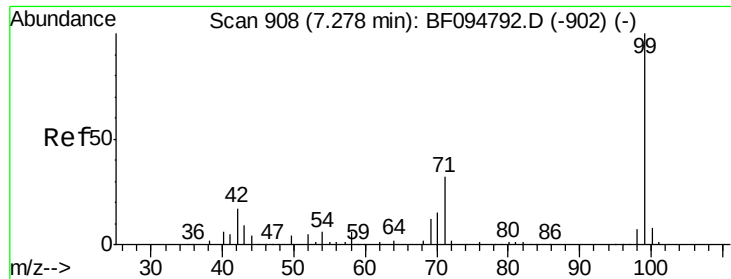
2-Fluorophenol
Concen: 118.15 ng
RT: 5.67 min Scan# 634
Delta R.T. -0.01 min
Lab File: BF094898.D
Acq: 5 May 2017 4:48

Tgt Ion:112 Resp: 623018
Ion Ratio Lower Upper
112 100
64 56.7 46.0 69.0
63 27.5 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: 129.39 ng

RT: 7.27 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF094898.D

Acq: 5 May 2017 4:48

Instrument :

BNA_F

ClientSampleId :

PB98693BL

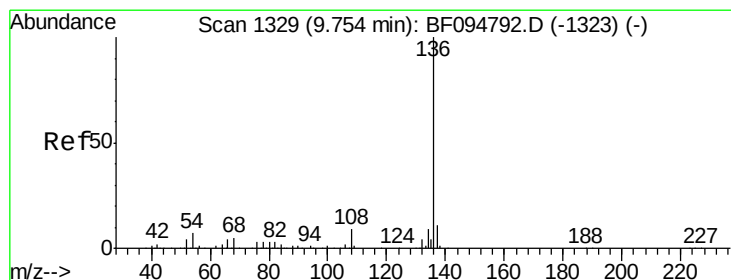
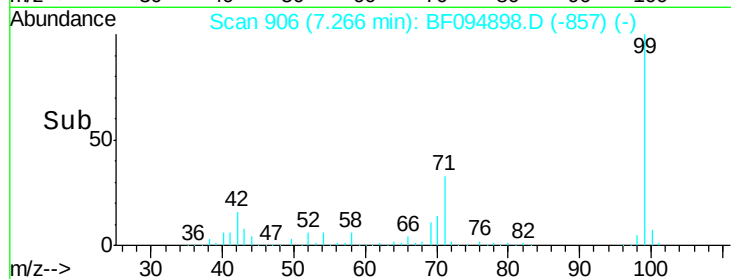
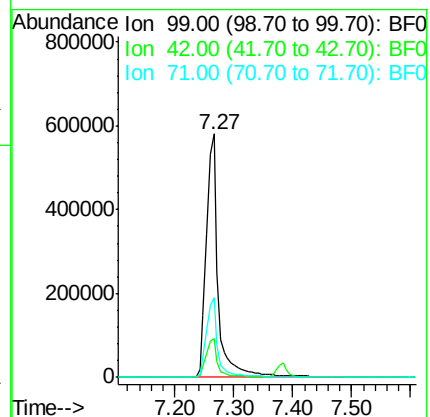
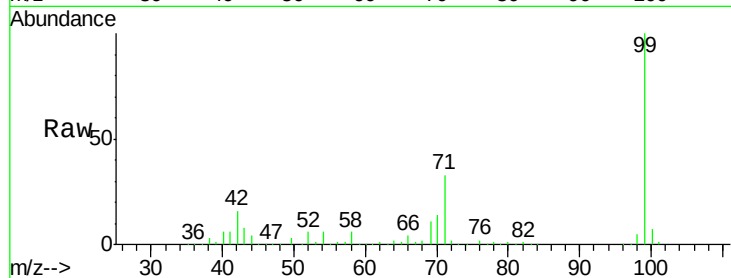
Tgt Ion: 99 Resp: 818679

Ion Ratio Lower Upper

99 100

42 16.1 13.5 20.3

71 32.6 24.5 36.7



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.74 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF094898.D

Acq: 5 May 2017 4:48

Tgt Ion: 136 Resp: 383075

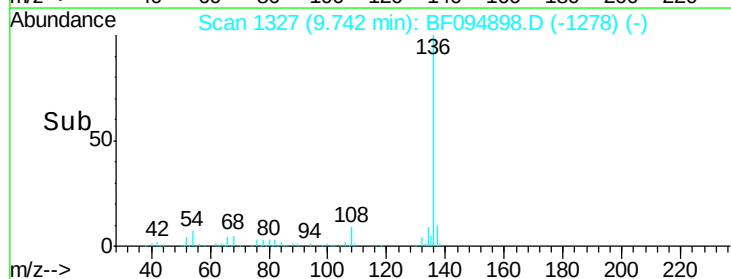
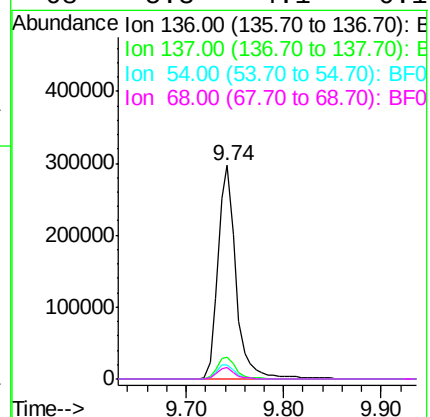
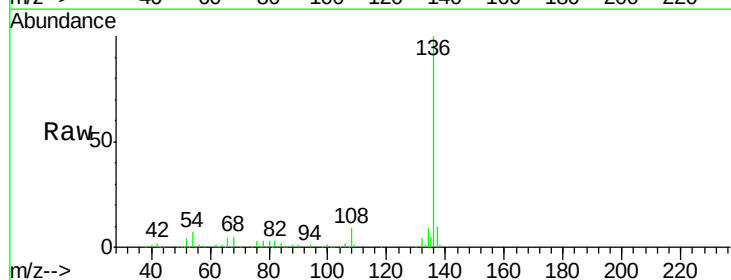
Ion Ratio Lower Upper

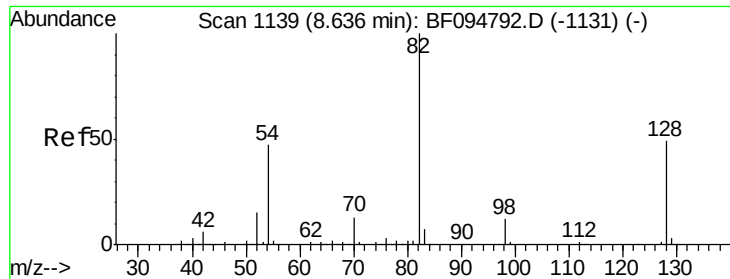
136 100

137 10.2 8.5 12.7

54 6.9 4.9 7.3

68 5.3 4.1 6.1

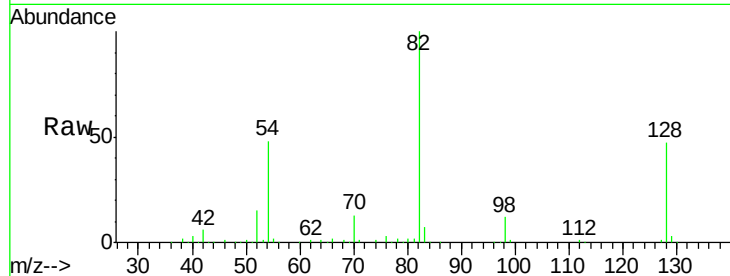




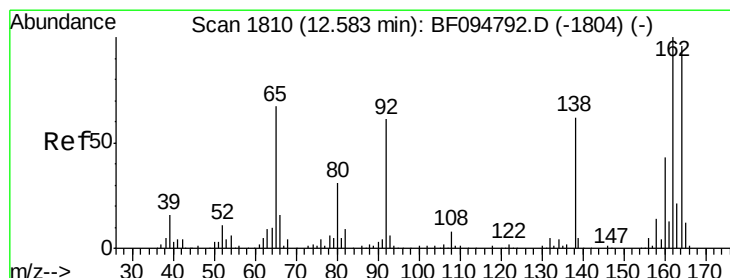
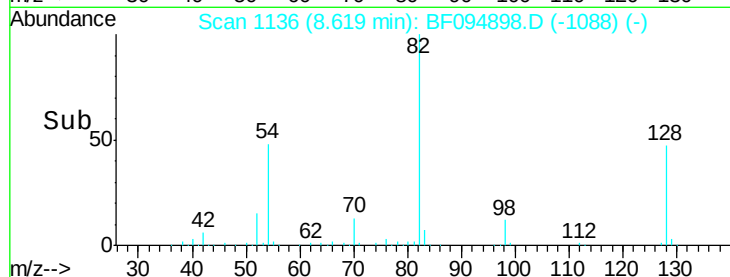
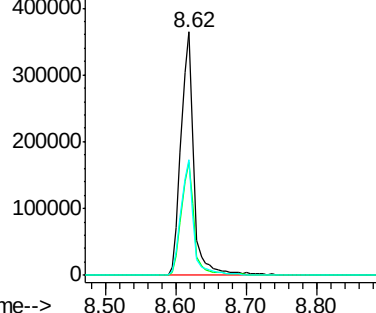
#23
 Nitrobenzene-d5
 Concen: 77.17 ng
 RT: 8.62 min Scan# 1136
 Delta R.T. -0.02 min
 Lab File: BF094898.D
 Acq: 5 May 2017 4:48

Instrument :
 BNA_F
 ClientSampleId :
 PB98693BL

Tgt Ion: 82 Resp: 468795
 Ion Ratio Lower Upper
 82 100
 128 46.7 34.0 51.0
 54 47.5 42.2 63.2

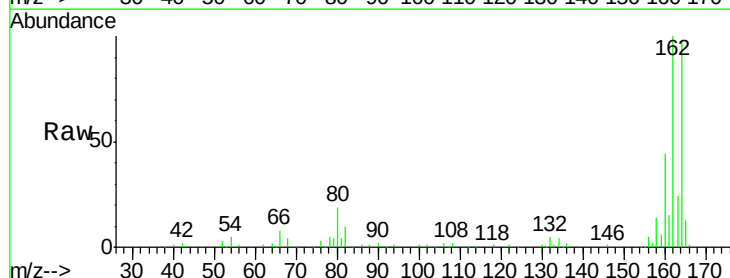


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

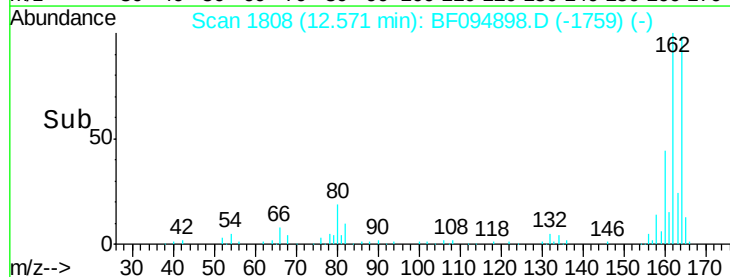
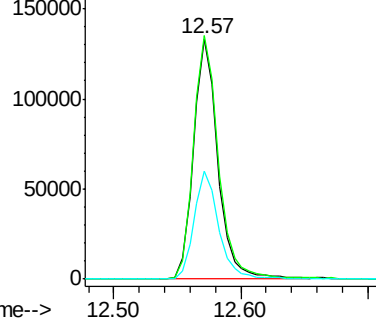


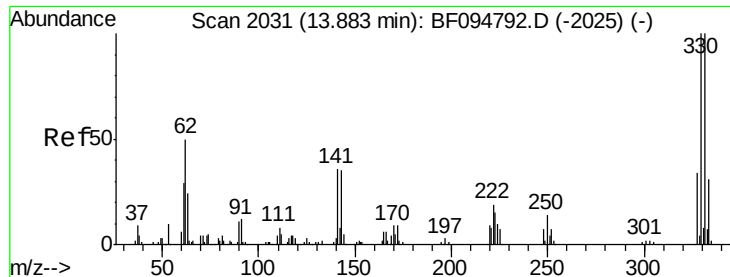
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.57 min Scan# 1808
 Delta R.T. -0.01 min
 Lab File: BF094898.D
 Acq: 5 May 2017 4:48

Tgt Ion: 164 Resp: 176650
 Ion Ratio Lower Upper
 164 100
 162 101.5 82.6 123.8
 160 45.1 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

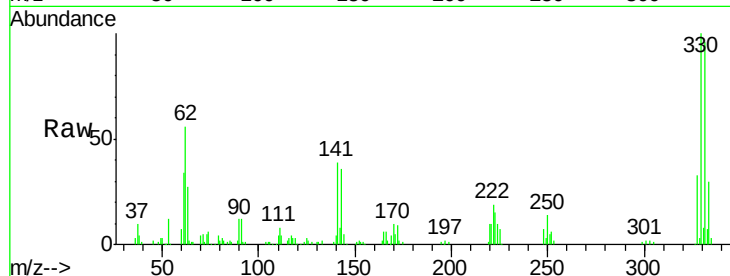




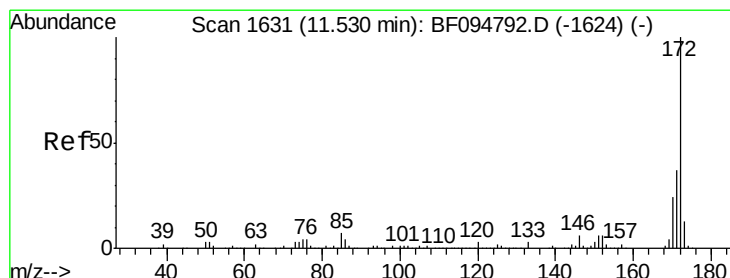
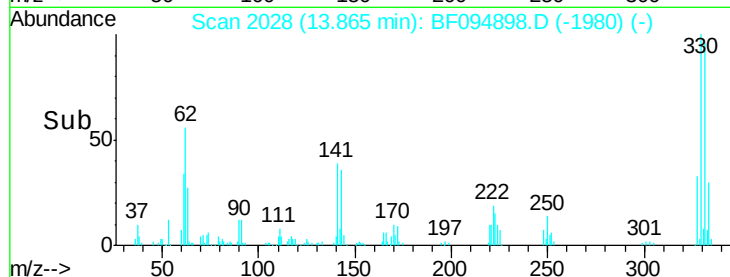
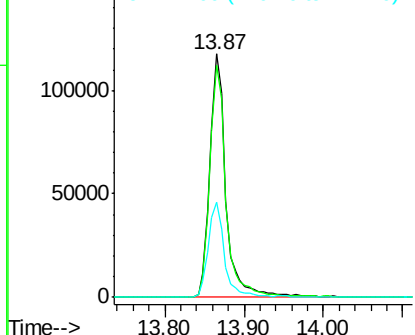
#41
 2,4,6-Tribromophenol
 Concen: 115.05 ng
 RT: 13.87 min Scan# 2028
 Delta R.T. -0.02 min
 Lab File: BF094898.D
 Acq: 5 May 2017 4:48

Instrument :
 BNA_F
 ClientSampleId :
 PB98693BL

Tgt Ion: 330 Resp: 166445
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.6 115.0
 141 39.2 31.4 47.2

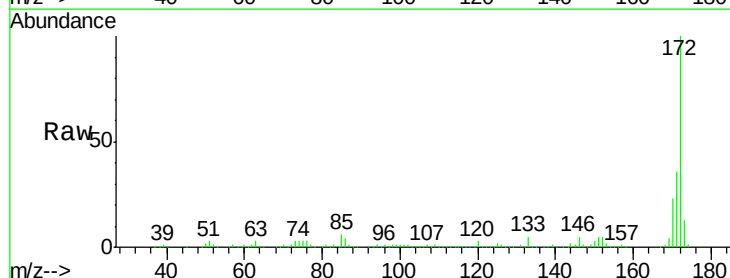


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

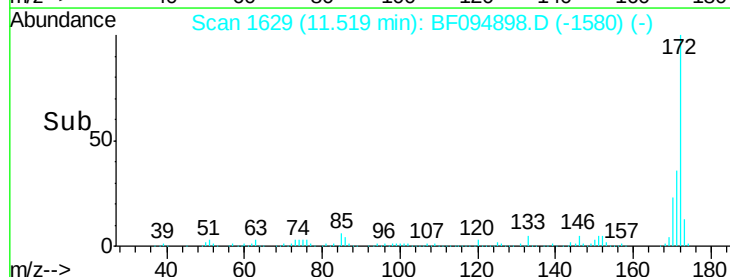
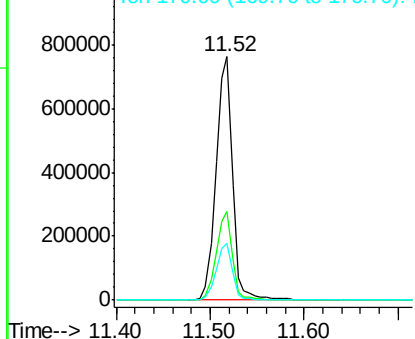


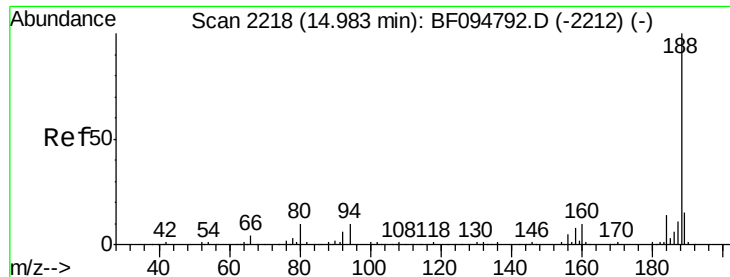
#44
 2-Fluorobiphenyl
 Concen: 76.61 ng
 RT: 11.52 min Scan# 1629
 Delta R.T. -0.01 min
 Lab File: BF094898.D
 Acq: 5 May 2017 4:48

Tgt Ion: 172 Resp: 940284
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.6 44.4
 170 23.4 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

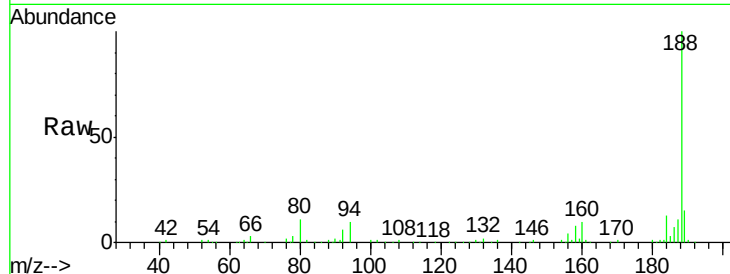




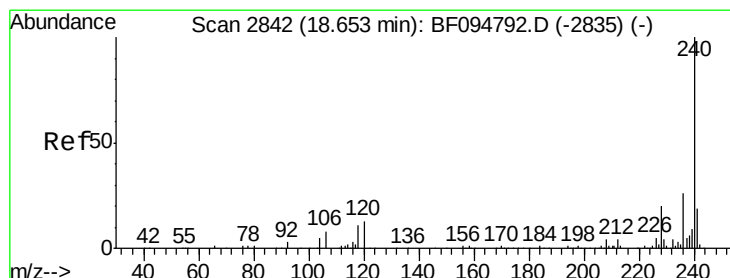
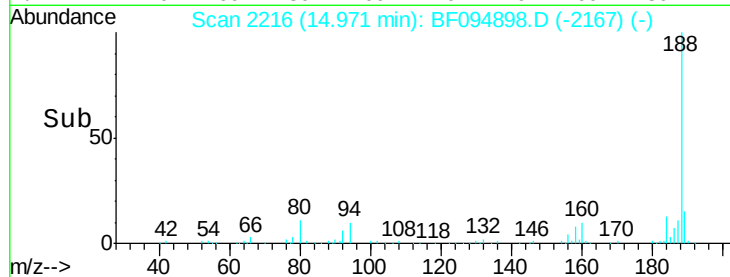
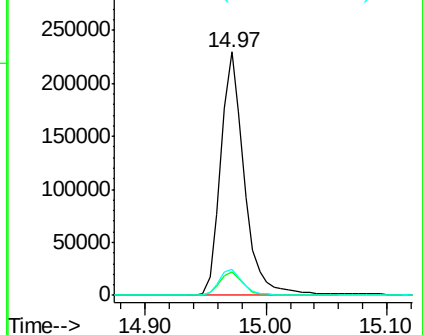
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.97 min Scan# 2216
Delta R.T. -0.01 min
Lab File: BF094898.D
Acq: 5 May 2017 4:48

Instrument :
BNA_F
ClientSampleId :
PB98693BL

Tgt Ion:188 Resp: 310596
Ion Ratio Lower Upper
188 100
94 9.7 9.4 14.2
80 10.8 10.2 15.2

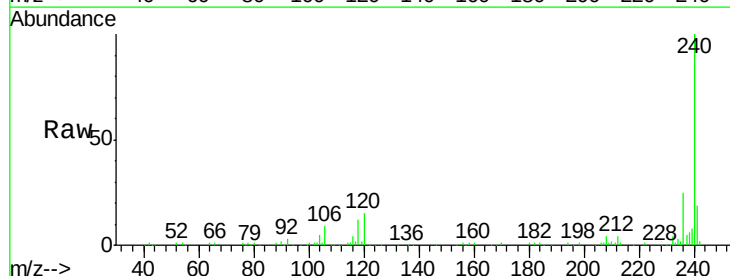


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

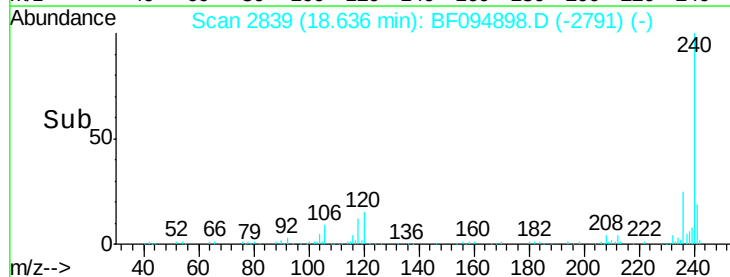
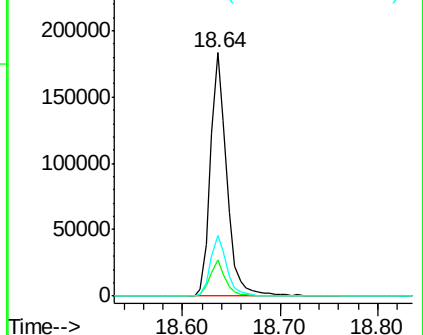


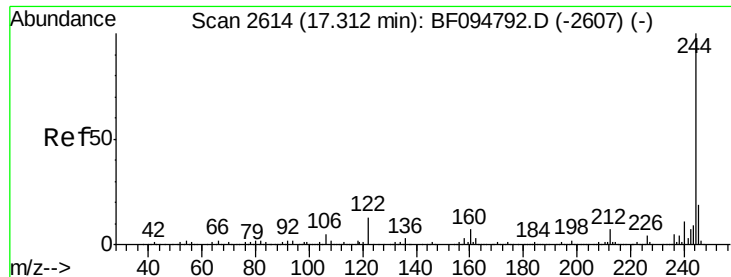
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.64 min Scan# 2839
Delta R.T. -0.02 min
Lab File: BF094898.D
Acq: 5 May 2017 4:48

Tgt Ion:240 Resp: 213927
Ion Ratio Lower Upper
240 100
120 15.0 5.8 8.8#
236 24.7 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

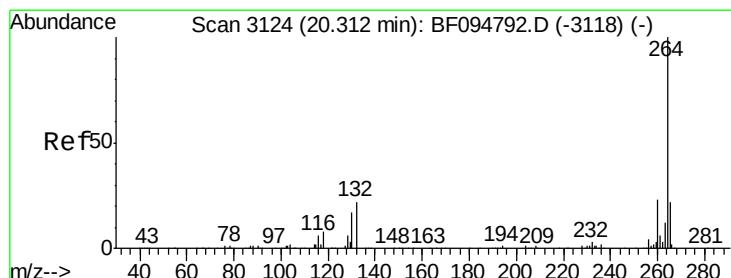
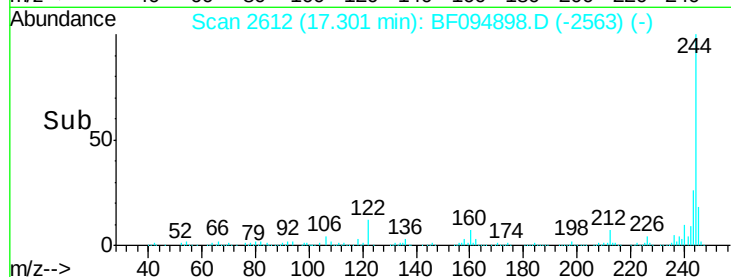
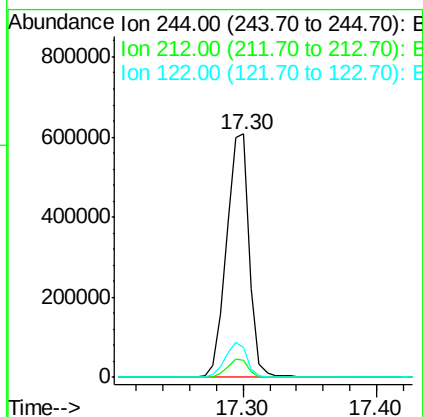
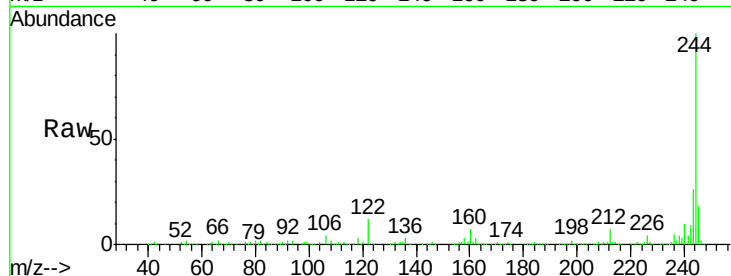




#78
 Terphenyl-d14
 Concen: 75.13 ng
 RT: 17.30 min Scan# 2612
 Delta R.T. -0.01 min
 Lab File: BF094898.D
 Acq: 5 May 2017 4:48

Instrument :
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 PB98693BL

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	12.2	10.3	15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.30 min Scan# 3122
 Delta R.T. -0.01 min
 Lab File: BF094898.D
 Acq: 5 May 2017 4:48

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.5	29.3
265	21.4	17.2	25.8

