

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050417\
 Data File : BF094904.D
 Acq On : 5 May 2017 8:00
 Operator : SJ/MA
 Sample : I2932-02
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Quant Time: May 05 08:38:39 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	85161	20.00	ng	0.00
21) Naphthalene-d8	9.74	136	360638	20.00	ng	-0.01
38) Acenaphthene-d10	12.57	164	169403	20.00	ng	-0.01
63) Phenanthrene-d10	14.97	188	283345	20.00	ng	-0.01
75) Chrysene-d12	18.64	240	211534	20.00	ng	-0.02
86) Perylene-d12	20.30	264	181871	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	688790	134.85	ng	0.00
7) Phenol-d6	7.27	99	782457	127.67	ng	-0.01
23) Nitrobenzene-d5	8.62	82	525934	91.96	ng	-0.02
41) 2,4,6-Tribromophenol	13.87	330	184463	132.96	ng	-0.02
44) 2-Fluorobiphenyl	11.52	172	1055413	89.67	ng	-0.01
78) Terphenyl-d14	17.30	244	868193	90.40	ng	-0.01

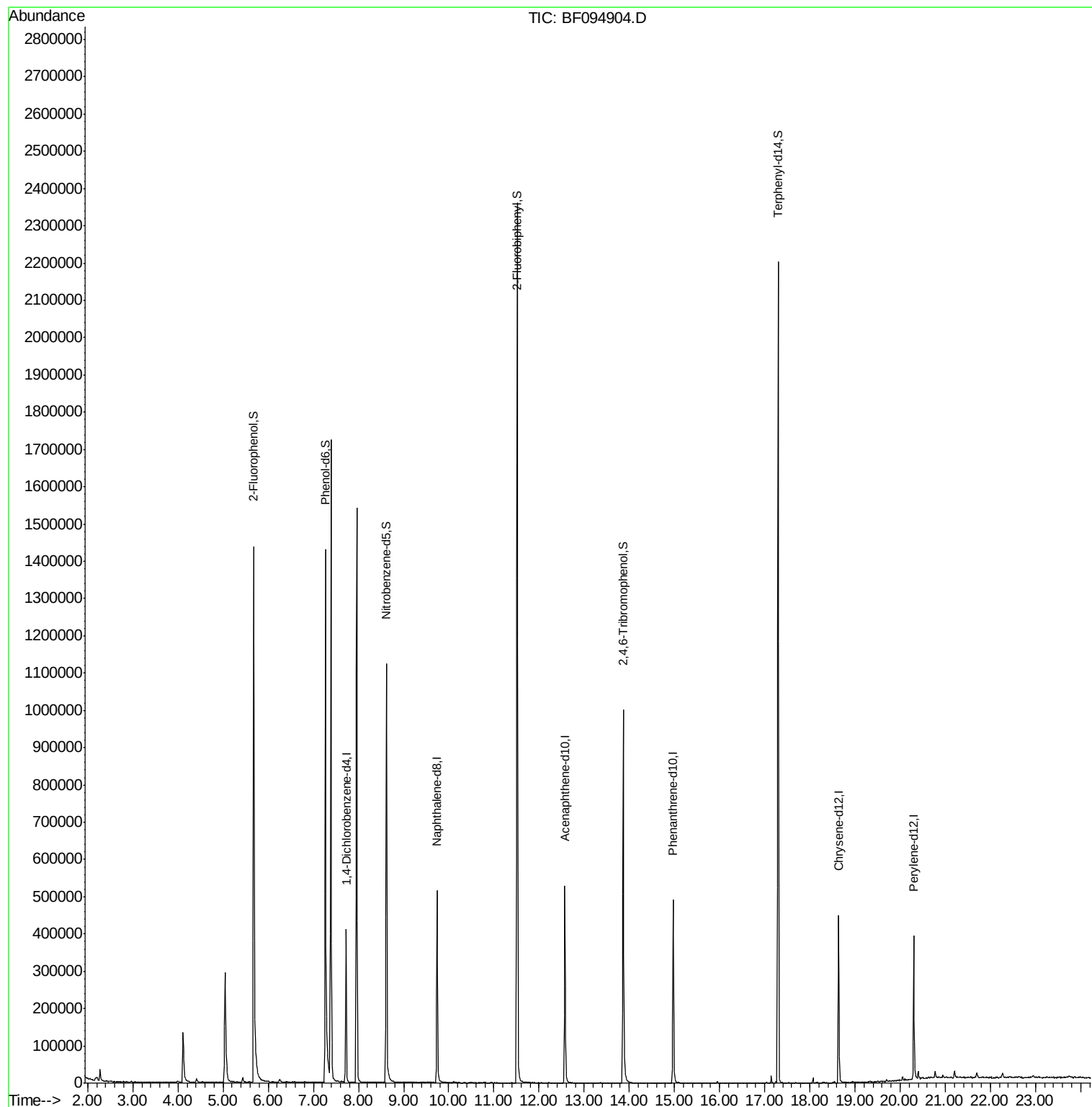
Target Compounds	Qvalue
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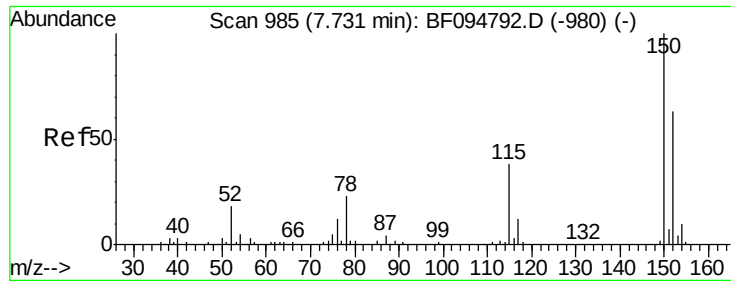
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF094904.D

Acq: 5 May 2017 8:00

Instrument :

BNA_F

ClientSampleId :

TP-2

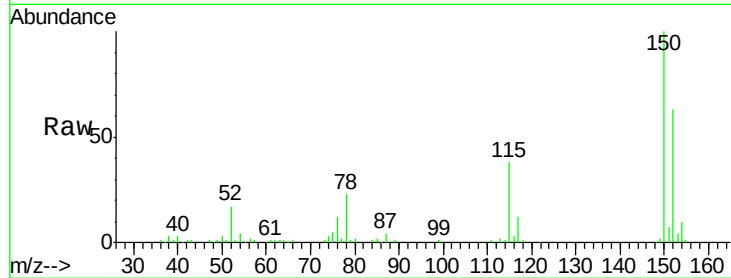
Tgt Ion:152 Resp: 85161

Ion Ratio Lower Upper

152 100

150 158.3 126.2 189.2

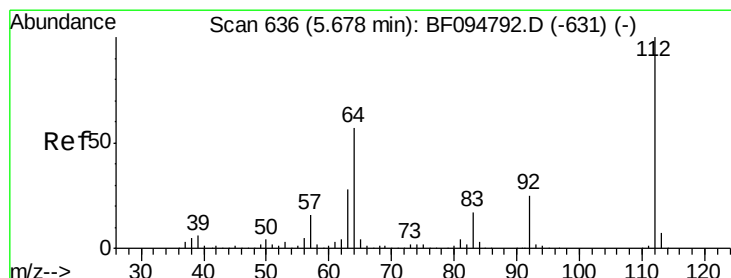
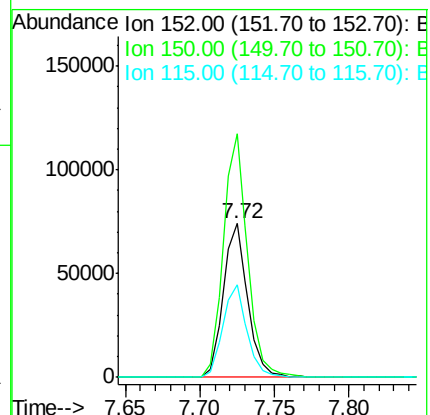
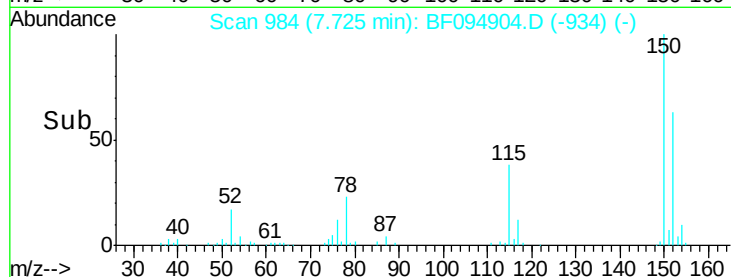
115 59.8 52.2 78.2



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: 134.85 ng

RT: 5.68 min Scan# 636

Delta R.T. -0.00 min

Lab File: BF094904.D

Acq: 5 May 2017 8:00

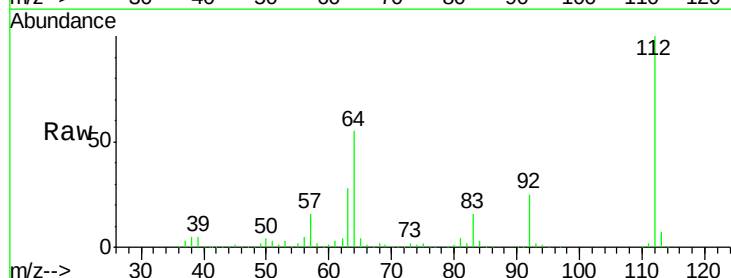
Tgt Ion:112 Resp: 688790

Ion Ratio Lower Upper

112 100

64 55.2 46.0 69.0

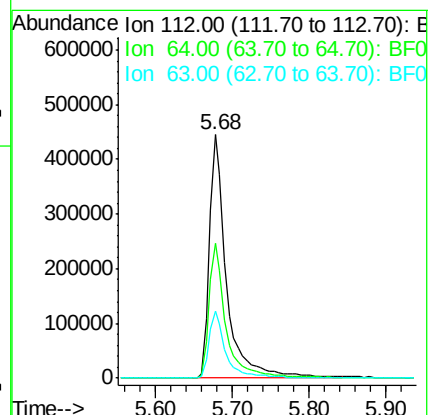
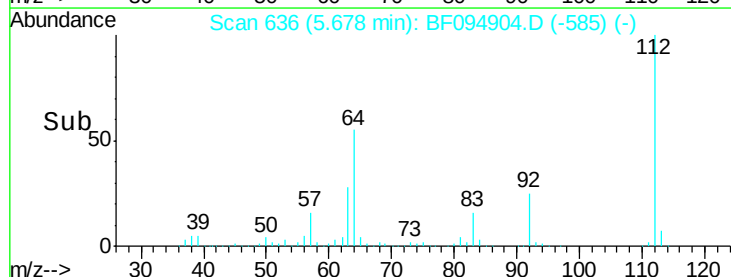
63 27.5 23.4 35.0

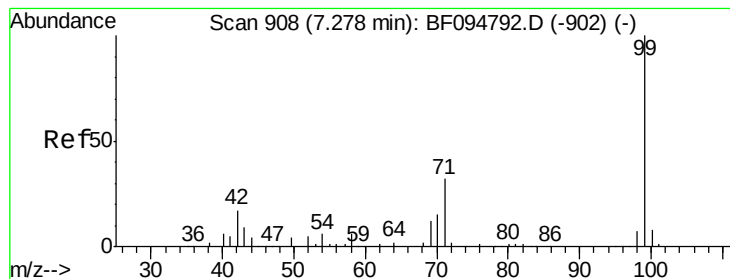


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 127.67 ng

RT: 7.27 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF094904.D

Acq: 5 May 2017 8:00

Instrument :

BNA_F

ClientSampleId :

TP-2

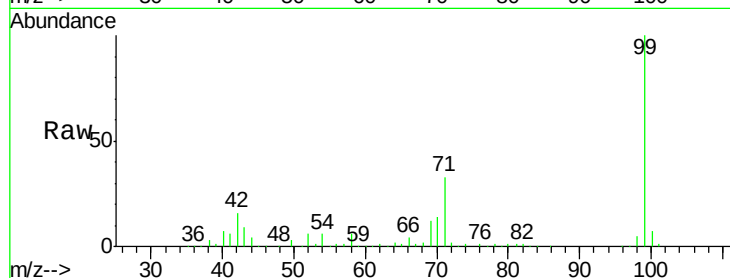
Tgt Ion: 99 Resp: 782457

Ion Ratio Lower Upper

99 100

42 16.2 13.5 20.3

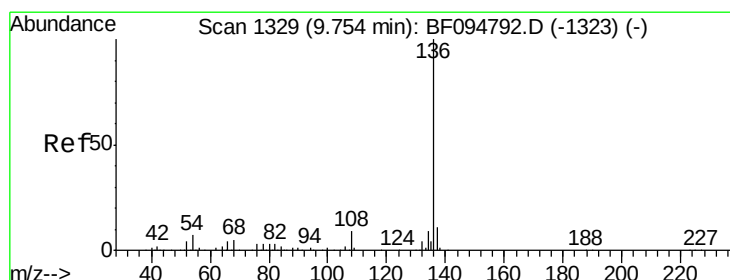
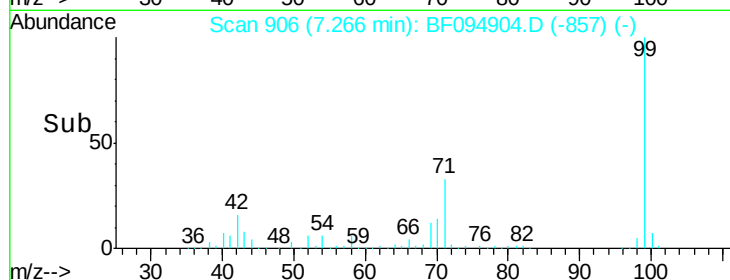
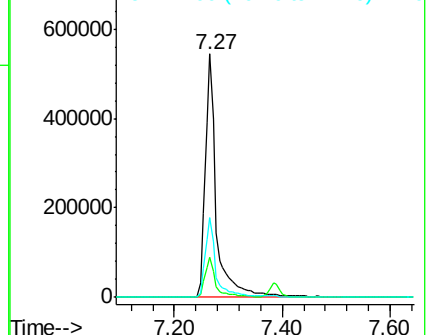
71 33.0 24.5 36.7



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: BF094904.D

Acq: 5 May 2017 8:00

Tgt Ion: 136 Resp: 360638

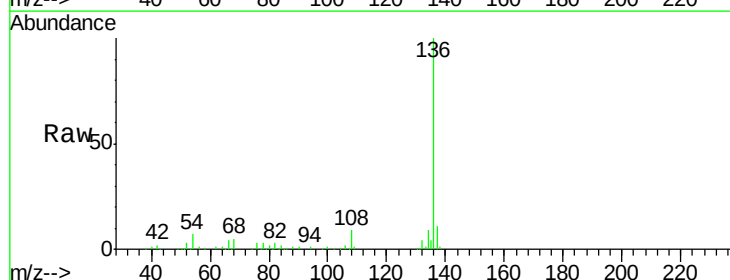
Ion Ratio Lower Upper

136 100

137 11.3 8.5 12.7

54 7.0 4.9 7.3

68 5.5 4.1 6.1

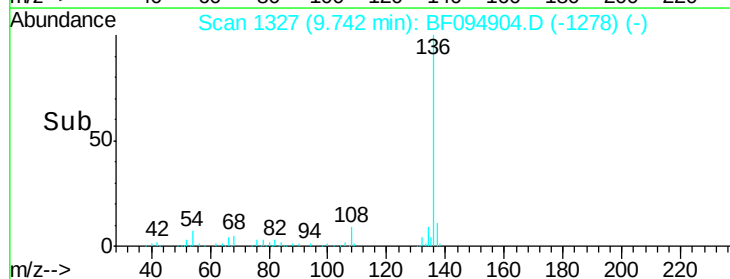
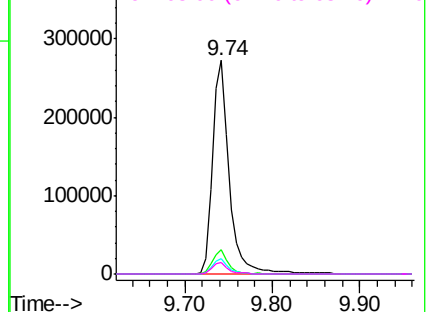


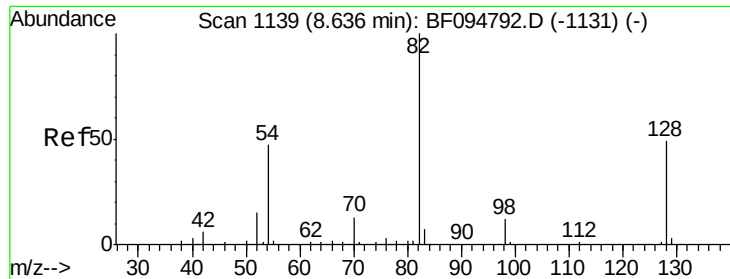
Abundance Ion 136.00 (135.70 to 136.70): E

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

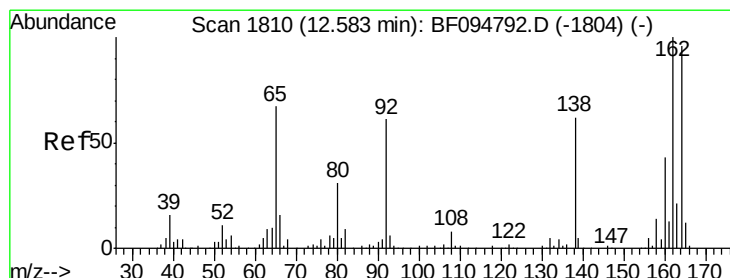
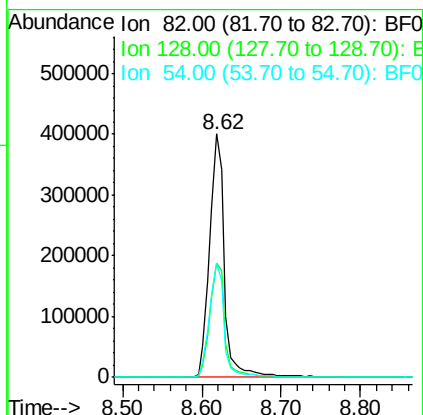
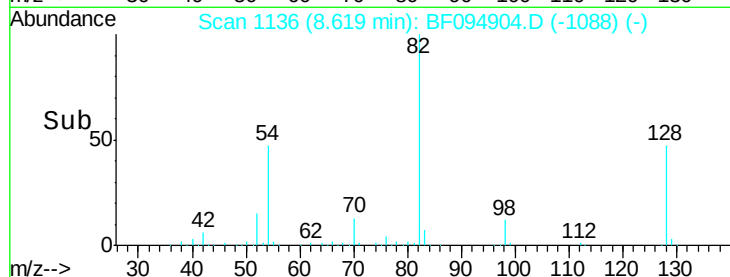
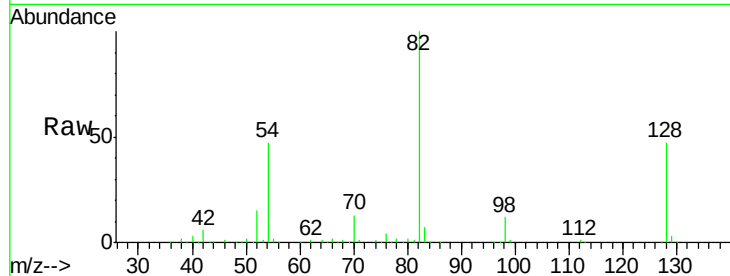




#23
 Nitrobenzene-d5
 Concen: 91.96 ng
 RT: 8.62 min Scan# 1136
 Delta R.T. -0.02 min
 Lab File: BF094904.D
 Acq: 5 May 2017 8:00

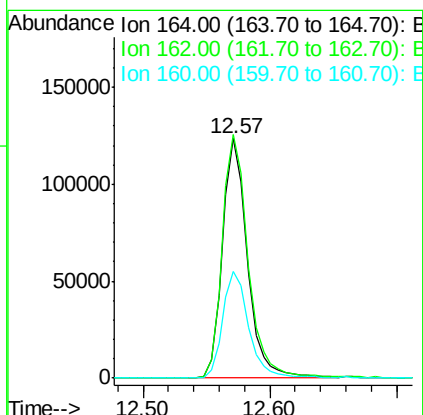
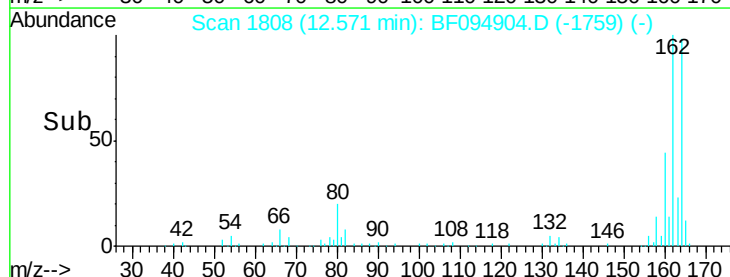
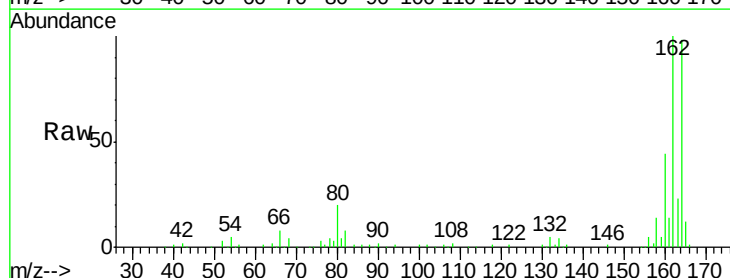
Instrument :
 BNA_F
 ClientSampleId :
 TP-2

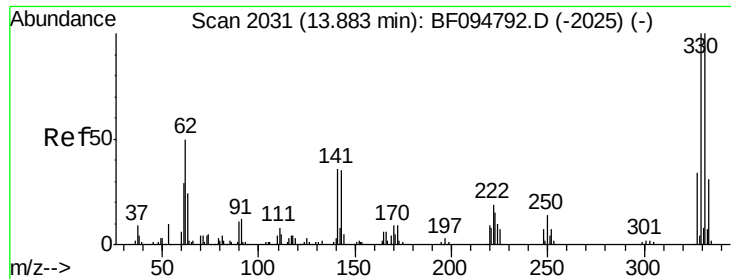
Tgt Ion: 82 Resp: 525934
 Ion Ratio Lower Upper
 82 100
 128 46.9 34.0 51.0
 54 46.8 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.57 min Scan# 1808
 Delta R.T. -0.01 min
 Lab File: BF094904.D
 Acq: 5 May 2017 8:00

Tgt Ion: 164 Resp: 169403
 Ion Ratio Lower Upper
 164 100
 162 101.6 82.6 123.8
 160 44.6 36.2 54.2

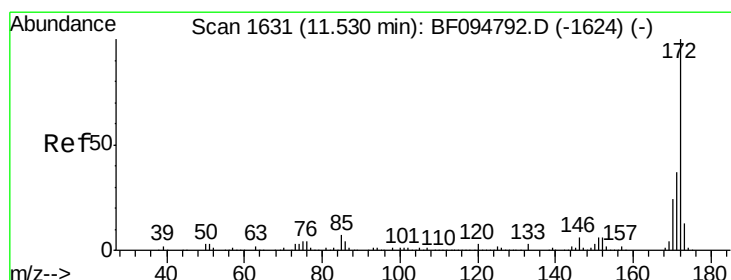
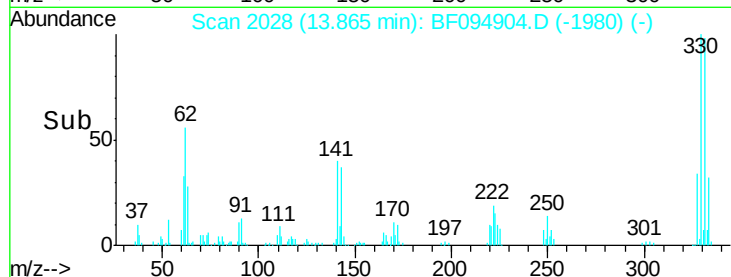
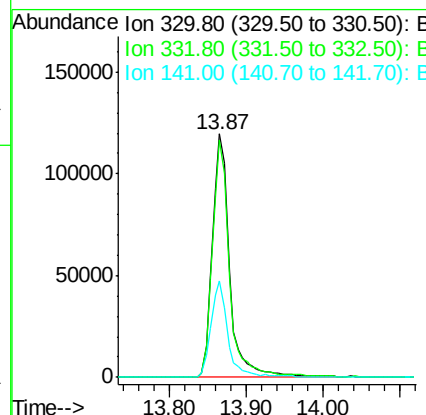
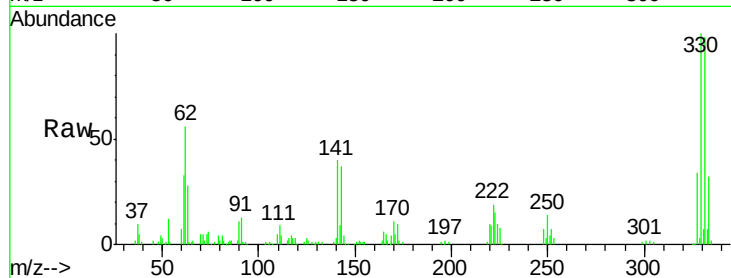




#41
 2,4,6-Tribromophenol
 Concen: 132.96 ng
 RT: 13.87 min Scan# 2028
 Delta R.T. -0.02 min
 Lab File: BF094904.D
 Acq: 5 May 2017 8:00

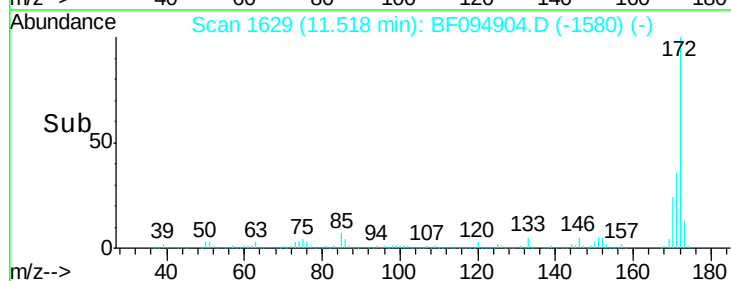
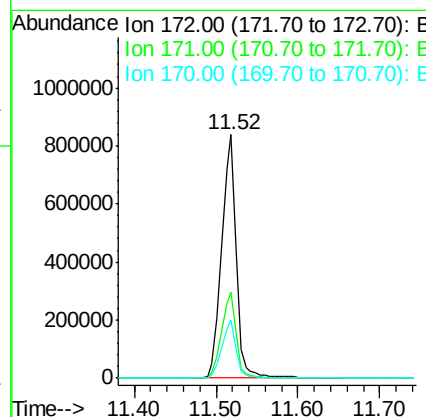
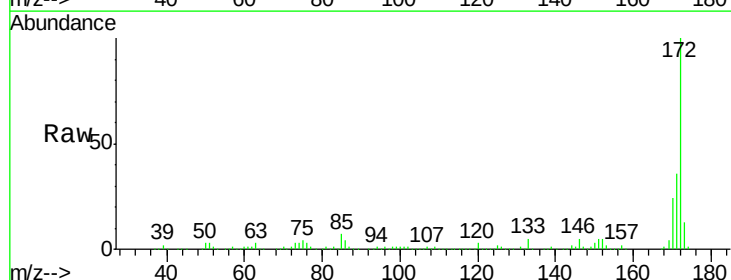
Instrument :
 BNA_F
 ClientSampleId :
 TP-2

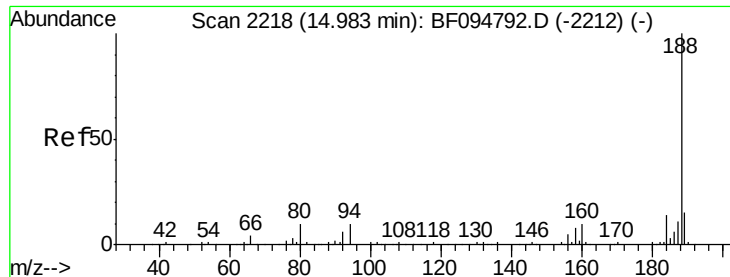
Tgt Ion:330 Resp: 184463
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.6 115.0
 141 39.1 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 89.67 ng
 RT: 11.52 min Scan# 1629
 Delta R.T. -0.01 min
 Lab File: BF094904.D
 Acq: 5 May 2017 8:00

Tgt Ion:172 Resp: 1055413
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.6 44.4
 170 24.0 19.8 29.8

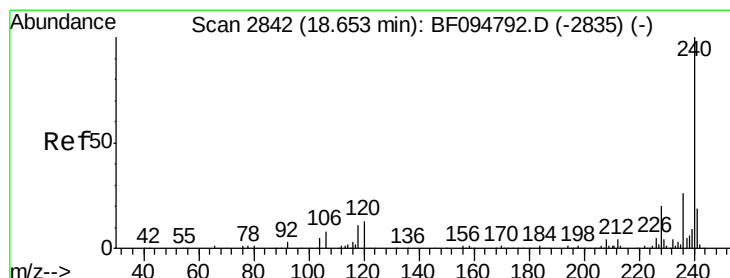
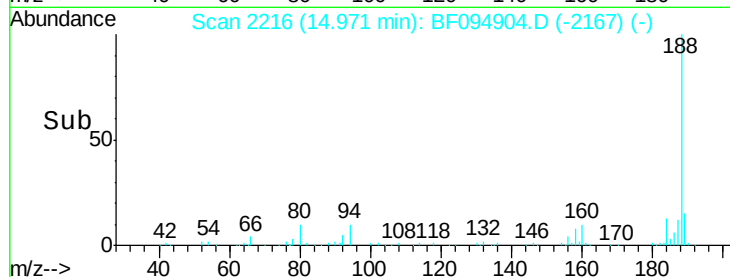
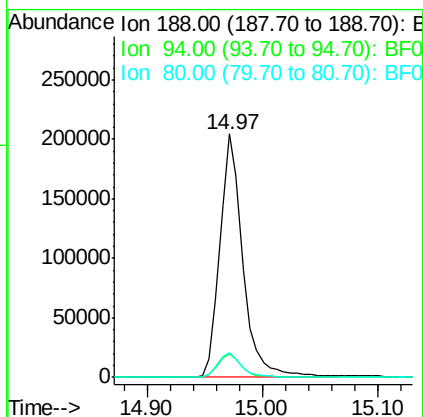
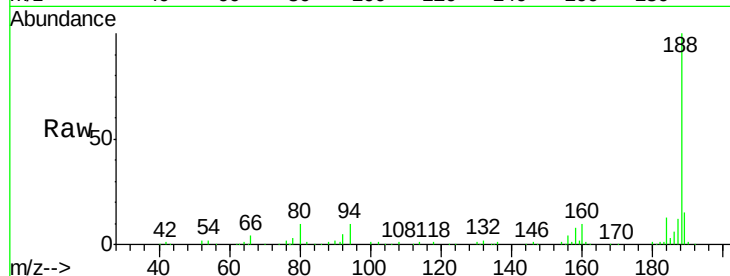




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.97 min Scan# 2216
 Delta R.T. -0.01 min
 Lab File: BF094904.D
 Acq: 5 May 2017 8:00

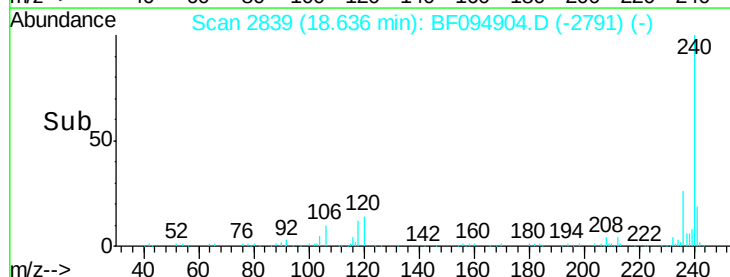
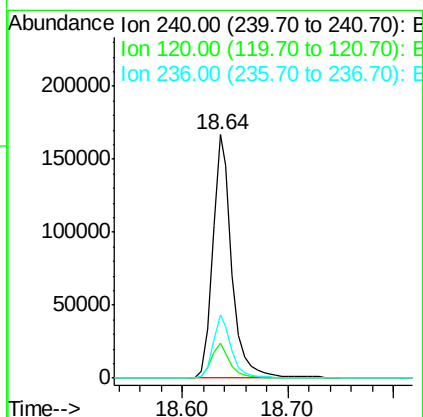
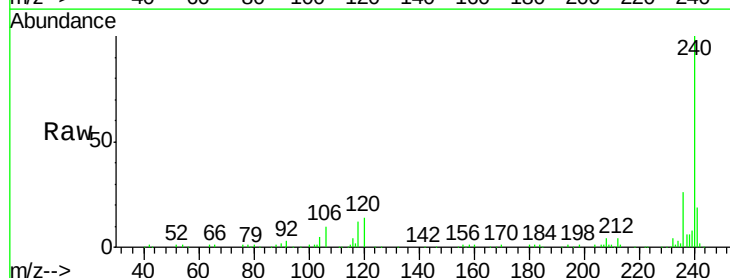
Instrument :
 BNA_F
 ClientSampleId :
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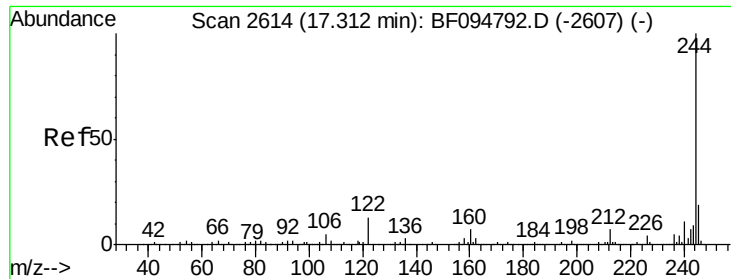
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.6	9.4	14.2
80	10.2	10.2	15.2



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.64 min Scan# 2839
 Delta R.T. -0.02 min
 Lab File: BF094904.D
 Acq: 5 May 2017 8:00

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.3	5.8	8.8#
236	26.1	20.5	30.7

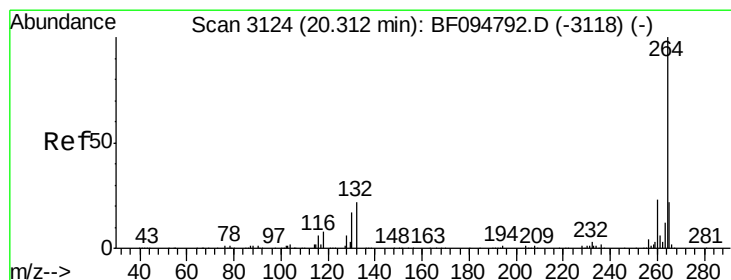
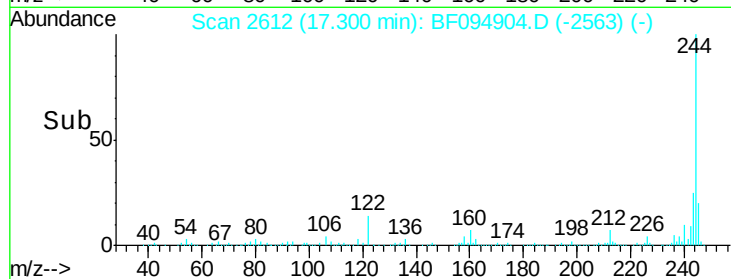
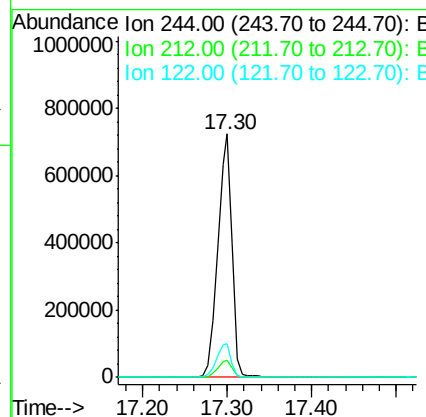
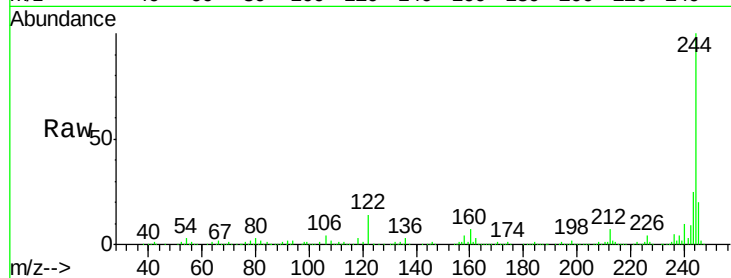




#78
 Terphenyl-d14
 Concen: 90.40 ng
 RT: 17.30 min Scan# 2612
 Delta R.T. -0.01 min
 Lab File: BF094904.D
 Acq: 5 May 2017 8:00

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Tgt Ion:244 Resp: 868193
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 13.6 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: BF094904.D
 Acq: 5 May 2017 8:00

Tgt Ion:264 Resp: 181871
 Ion Ratio Lower Upper
 264 100
 260 22.0 19.5 29.3
 265 20.8 17.2 25.8

