

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050417\
 Data File : BF094914.D
 Acq On : 5 May 2017 13:21
 Operator : SJ/MA
 Sample : I2969-02
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP4-5COMP

Quant Time: May 05 14:45:31 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	88362	20.00	ng	0.00
21) Naphthalene-d8	9.74	136	353847	20.00	ng	-0.01
38) Acenaphthene-d10	12.57	164	148980	20.00	ng	-0.01
63) Phenanthrene-d10	14.97	188	303214	20.00	ng	-0.01
75) Chrysene-d12	18.64	240	169091	20.00	ng	-0.02
86) Perylene-d12	20.31	264	68166	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	632646	119.37	ng	0.00
7) Phenol-d6	7.27	99	697753	109.72	ng	-0.01
23) Nitrobenzene-d5	8.62	82	479113	85.38	ng	-0.02
41) 2,4,6-Tribromophenol	13.87	330	192202	157.53	ng	-0.02
44) 2-Fluorobiphenyl	11.52	172	1032580	99.76	ng	-0.01
78) Terphenyl-d14	17.30	244	757263	98.64	ng	-0.01

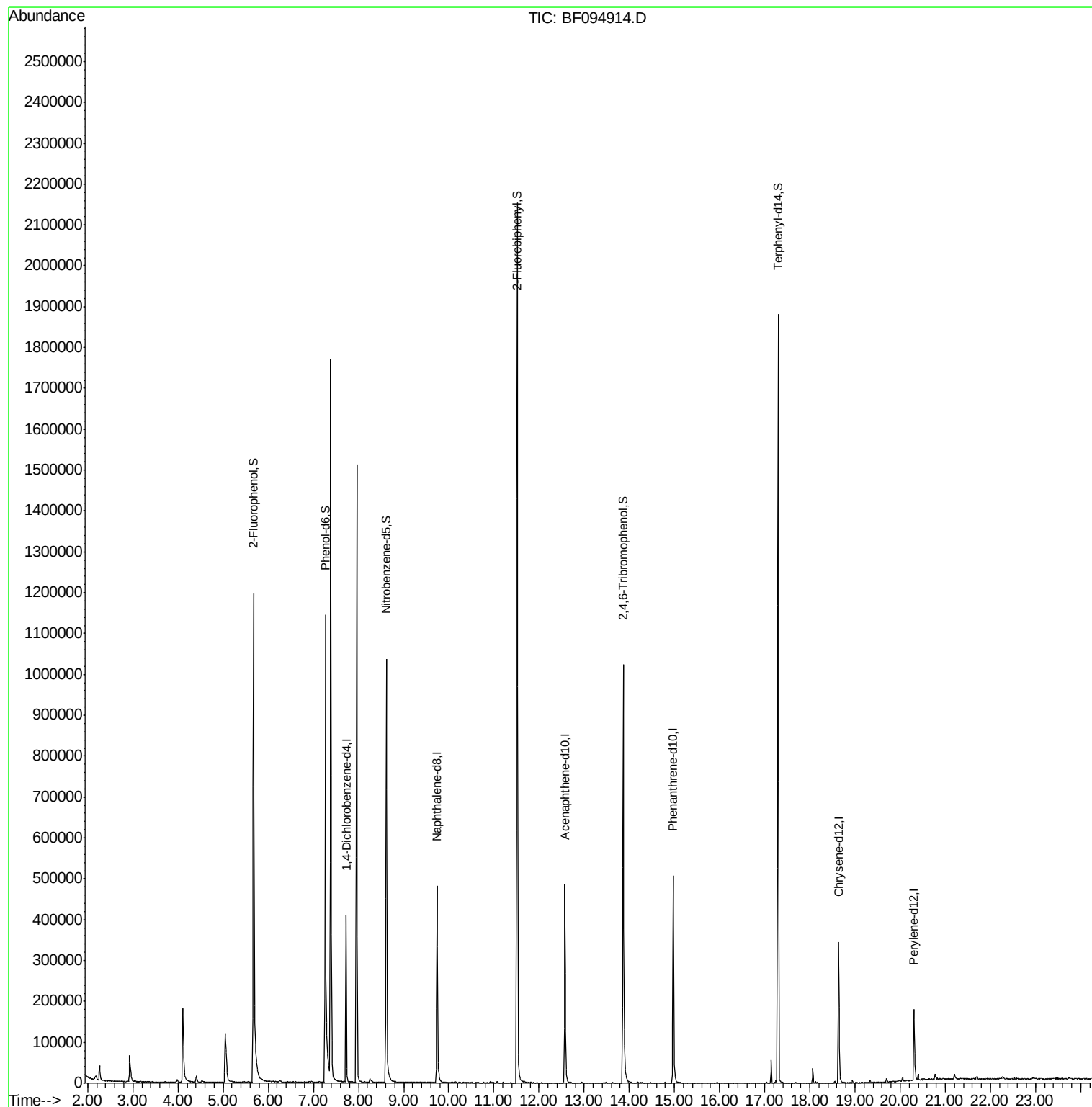
Target Compounds	Qvalue
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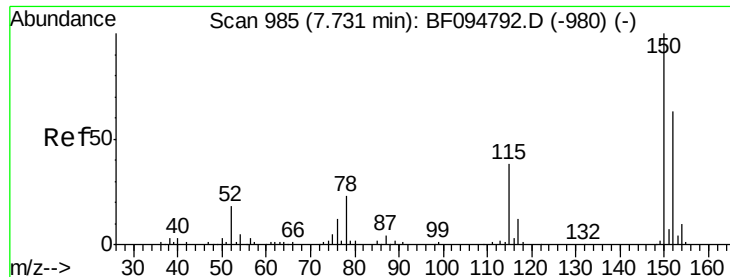
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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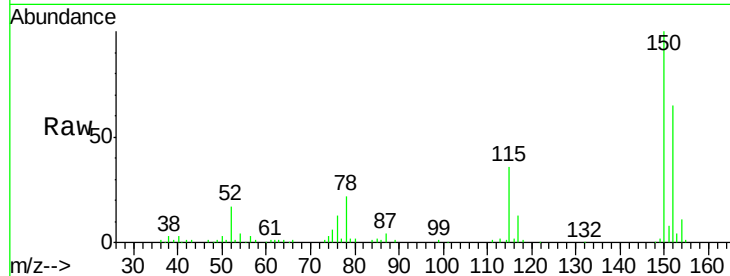




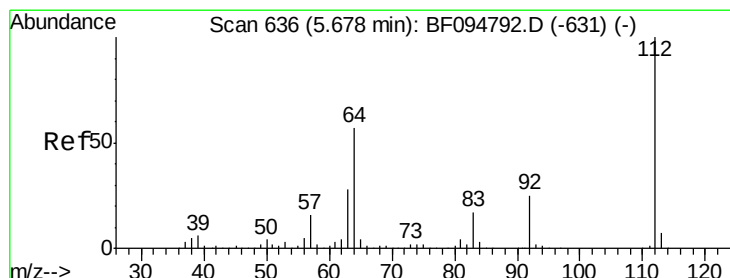
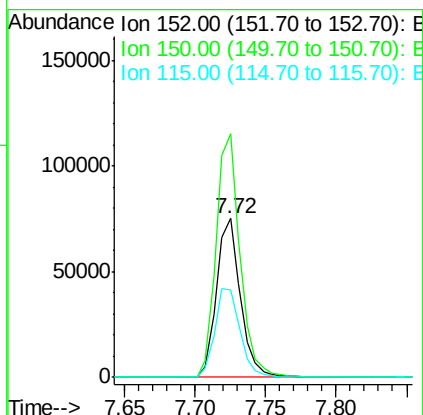
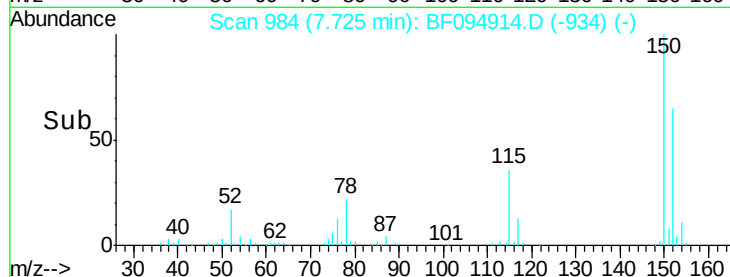
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.72 min Scan# 984
 Delta R.T. -0.01 min
 Lab File: BF094914.D
 Acq: 5 May 2017 13:21

Instrument :
 BNA_F
 ClientSampleId :
 TP4-5COMP

Tgt Ion:152 Resp: 88362
 Ion Ratio Lower Upper
 152 100
 150 153.5 126.2 189.2
 115 55.0 52.2 78.2

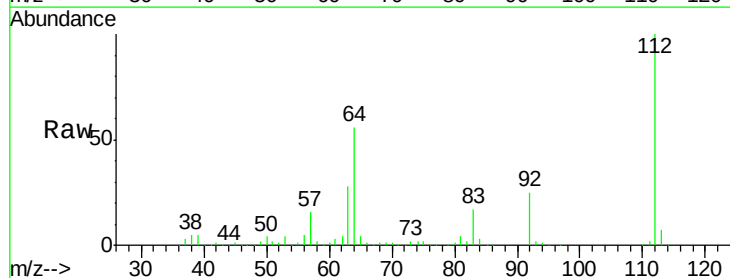


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

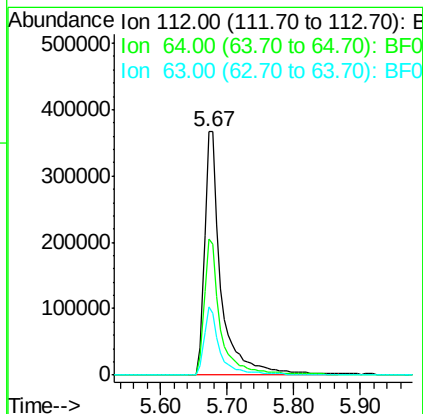
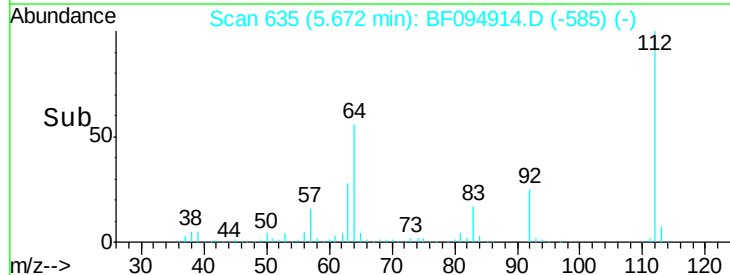


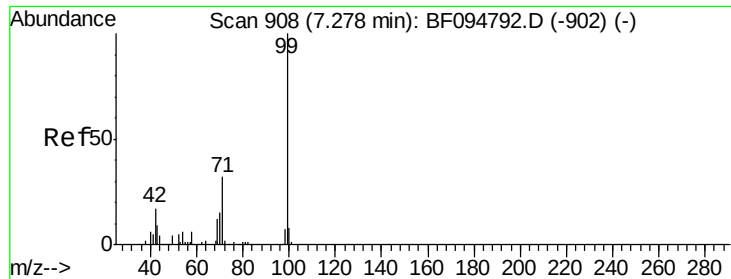
#5
 2-Fluorophenol
 Concen: 119.37 ng
 RT: 5.67 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF094914.D
 Acq: 5 May 2017 13:21

Tgt Ion:112 Resp: 632646
 Ion Ratio Lower Upper
 112 100
 64 55.7 46.0 69.0
 63 27.9 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: 109.72 ng

RT: 7.27 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF094914.D

Acq: 5 May 2017 13:21

Instrument :

BNA_F

ClientSampleId :

TP4-5COMP

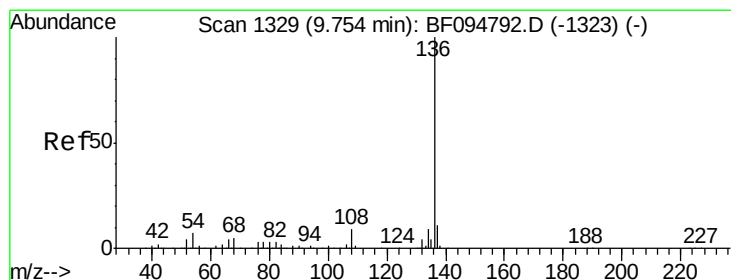
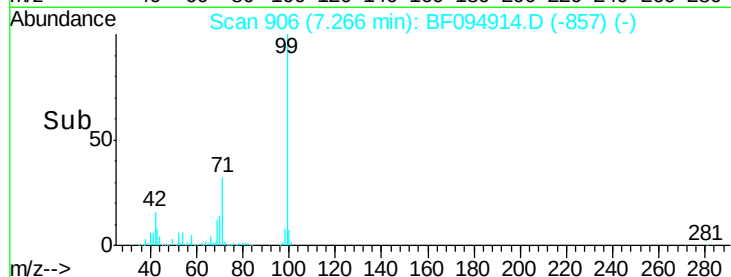
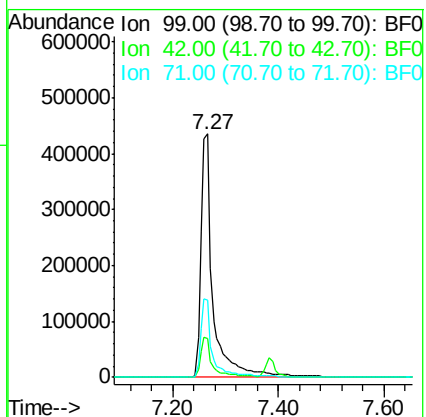
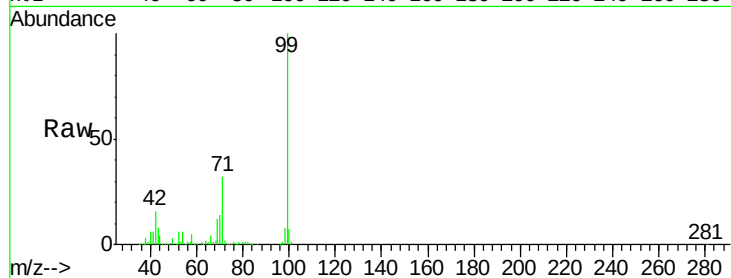
Tgt Ion: 99 Resp: 697753

Ion Ratio Lower Upper

99 100

42 16.2 13.5 20.3

71 31.9 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: BF094914.D

Acq: 5 May 2017 13:21

Tgt Ion: 136 Resp: 353847

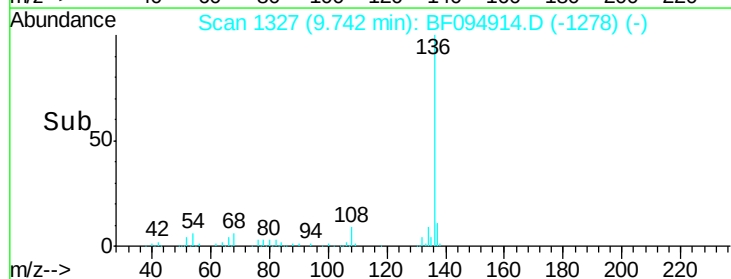
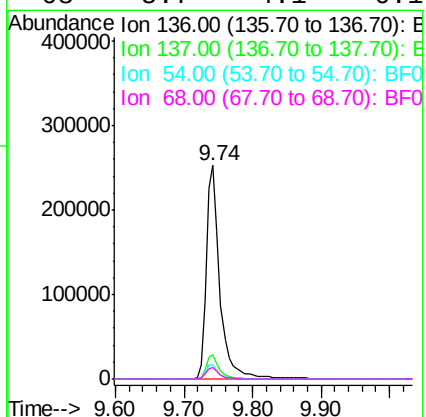
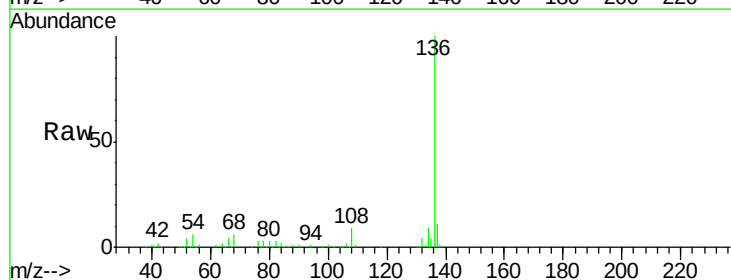
Ion Ratio Lower Upper

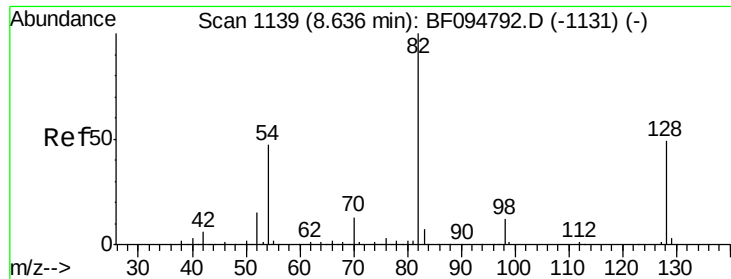
136 100

137 11.2 8.5 12.7

54 6.4 4.9 7.3

68 5.7 4.1 6.1

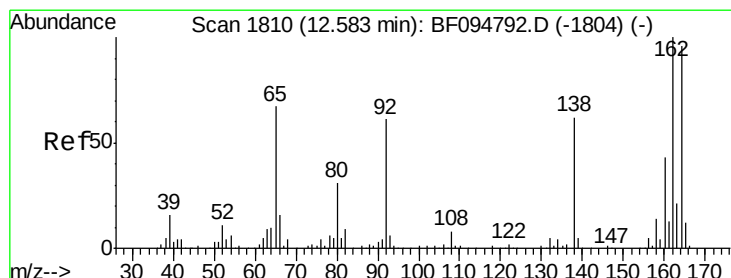
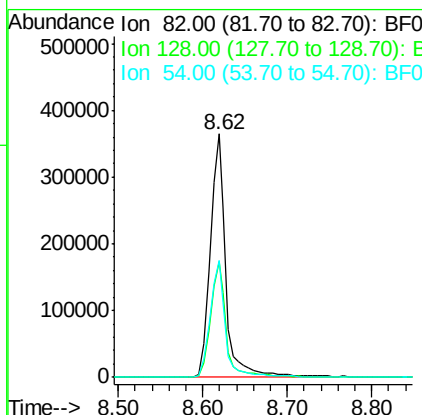
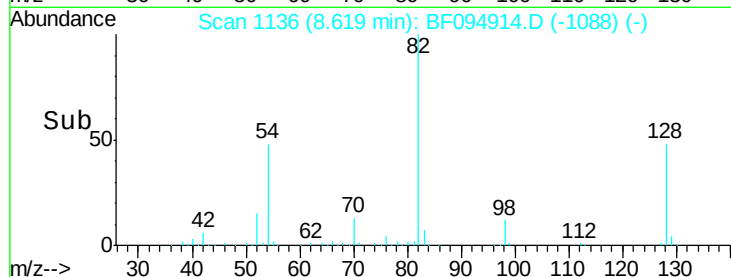
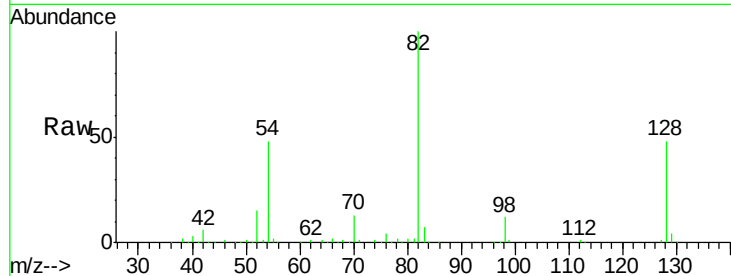




#23
 Nitrobenzene-d5
 Concen: 85.38 ng
 RT: 8.62 min Scan# 1136
 Delta R.T. -0.02 min
 Lab File: BF094914.D
 Acq: 5 May 2017 13:21

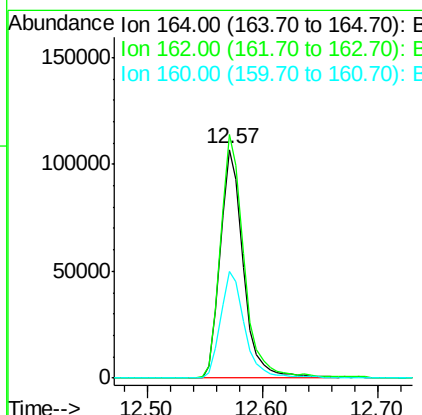
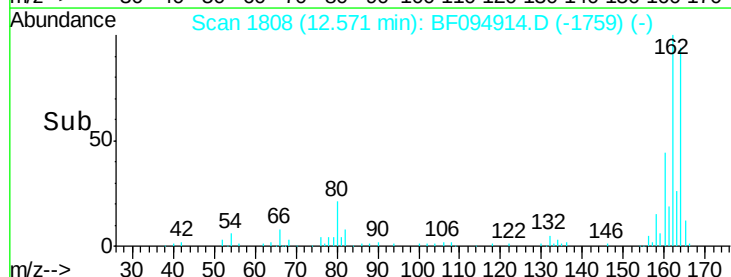
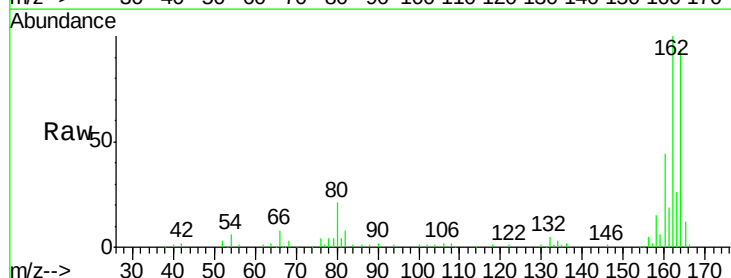
Instrument :
 BNA_F
 ClientSampleId :
 TP4-5COMP

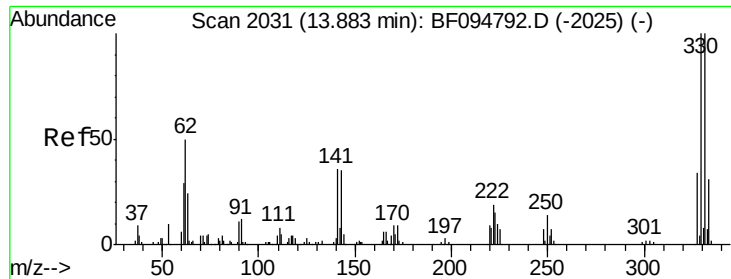
Tgt Ion: 82 Resp: 479113
 Ion Ratio Lower Upper
 82 100
 128 47.6 34.0 51.0
 54 47.9 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.57 min Scan# 1808
 Delta R.T. -0.01 min
 Lab File: BF094914.D
 Acq: 5 May 2017 13:21

Tgt Ion: 164 Resp: 148980
 Ion Ratio Lower Upper
 164 100
 162 106.5 82.6 123.8
 160 46.9 36.2 54.2

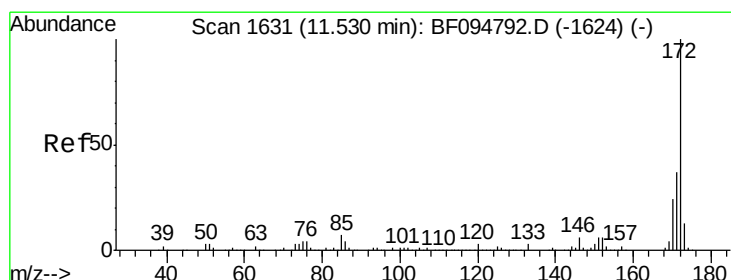
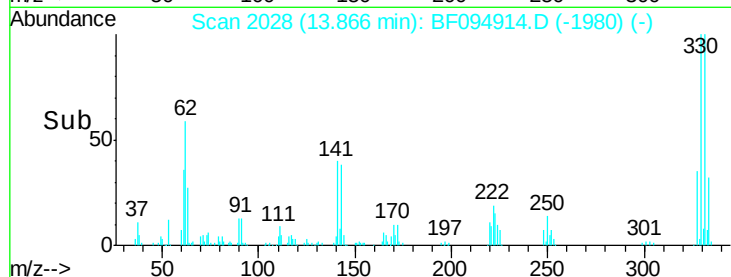
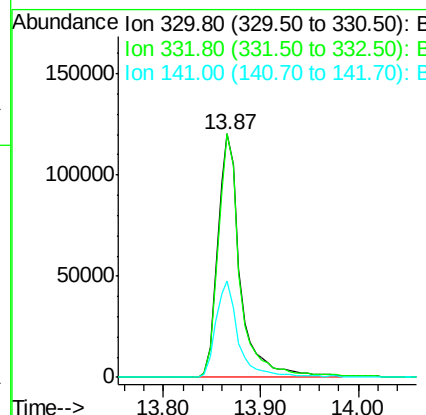
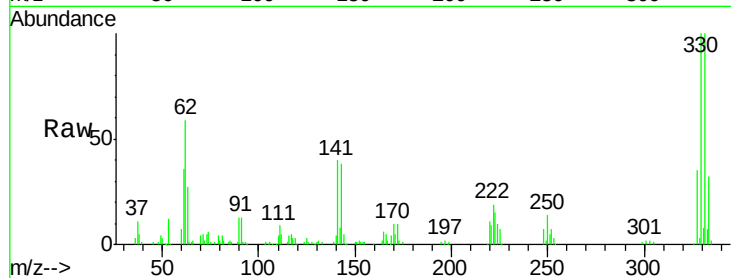




#41
 2,4,6-Tribromophenol
 Concen: 157.53 ng
 RT: 13.87 min Scan# 2028
 Delta R.T. -0.02 min
 Lab File: BF094914.D
 Acq: 5 May 2017 13:21

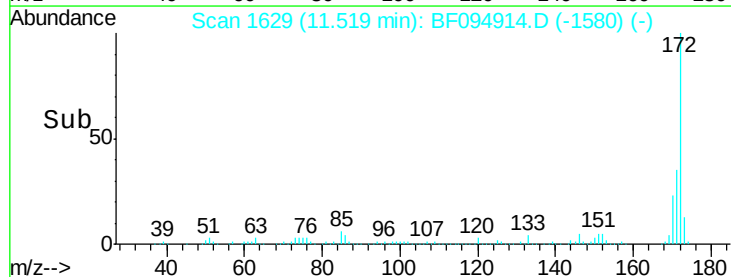
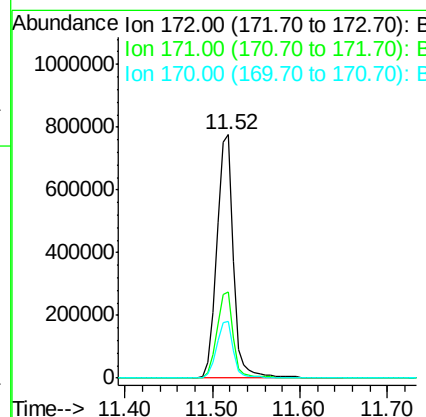
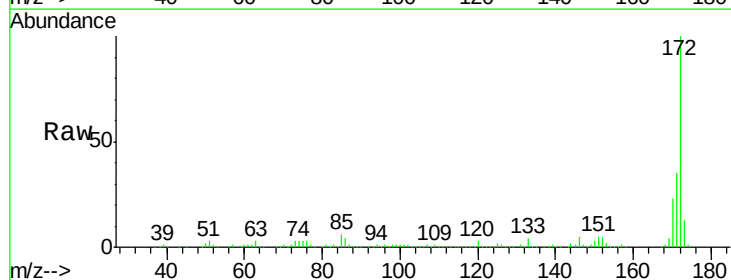
Instrument :
 BNA_F
 ClientSampleId :
 TP4-5COMP

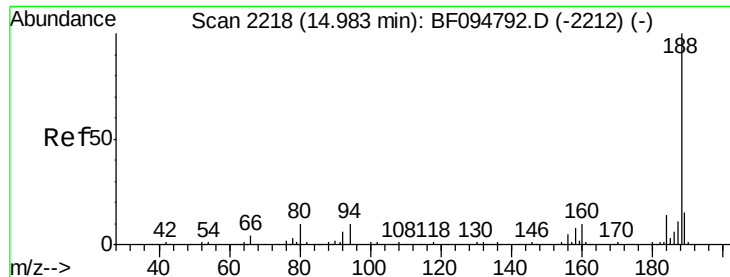
Tgt Ion:330 Resp: 192202
 Ion Ratio Lower Upper
 330 100
 332 98.1 76.6 115.0
 141 39.9 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 99.76 ng
 RT: 11.52 min Scan# 1629
 Delta R.T. -0.01 min
 Lab File: BF094914.D
 Acq: 5 May 2017 13:21

Tgt Ion:172 Resp: 1032580
 Ion Ratio Lower Upper
 172 100
 171 35.3 29.6 44.4
 170 23.4 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: BF094914.D

Acq: 5 May 2017 13:21

Instrument :

BNA_F

ClientSampleId :

TP4-5COMP

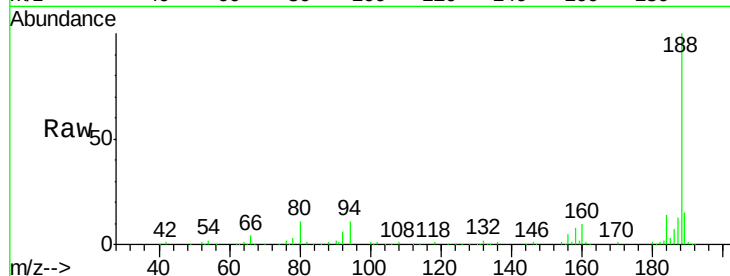
Tgt Ion:188 Resp: 303214

Ion Ratio Lower Upper

188 100

94 11.0 9.4 14.2

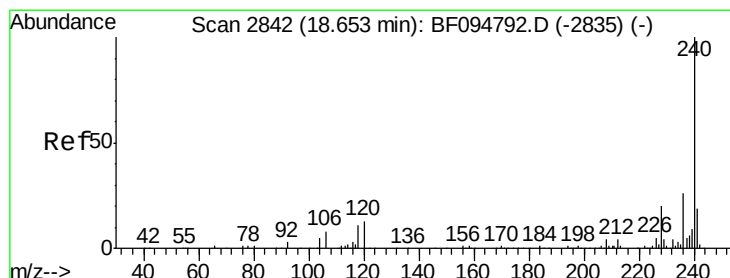
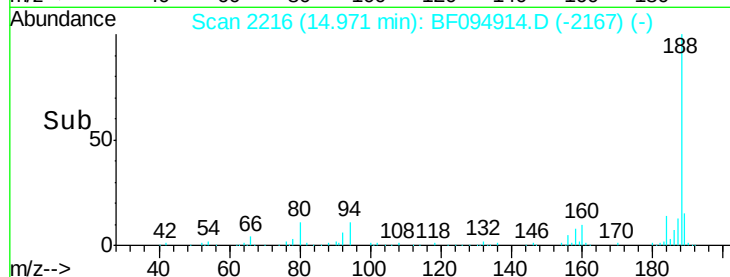
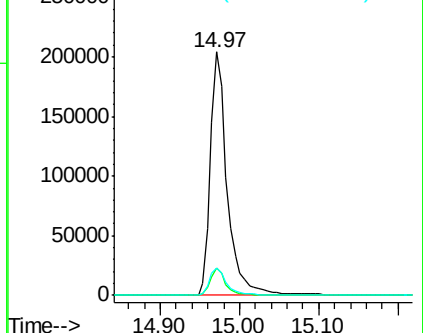
80 11.0 10.2 15.2



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: BF094914.D

Acq: 5 May 2017 13:21

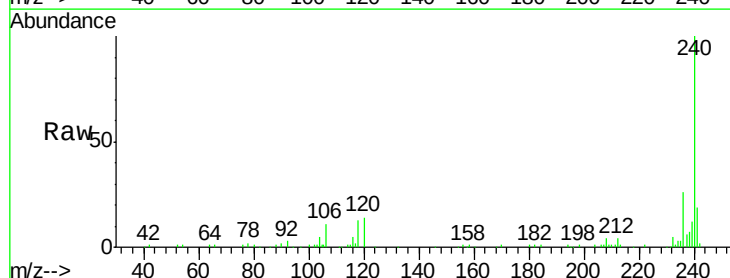
Tgt Ion:240 Resp: 169091

Ion Ratio Lower Upper

240 100

120 14.5 5.8 8.8#

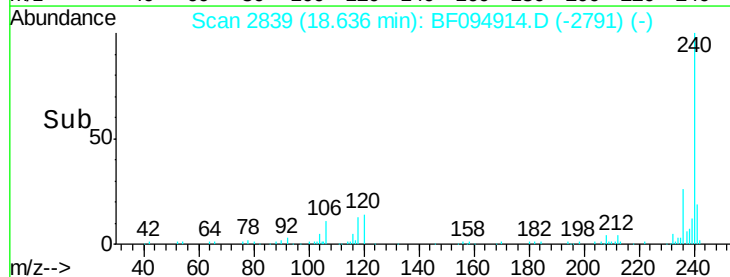
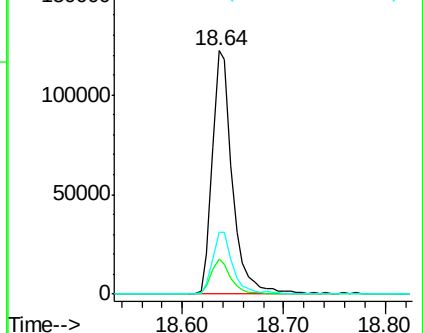
236 25.5 20.5 30.7

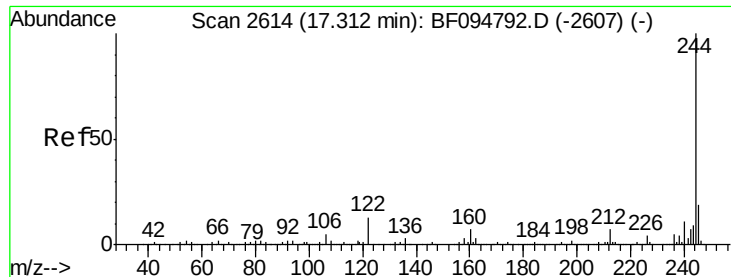


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

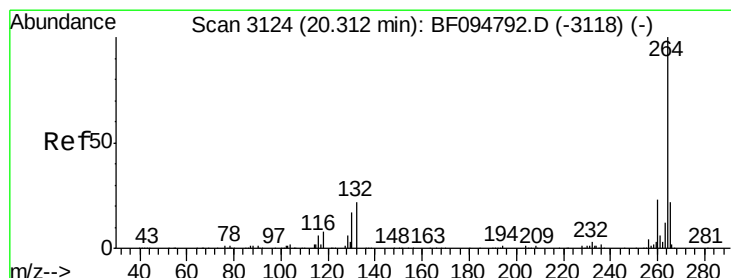
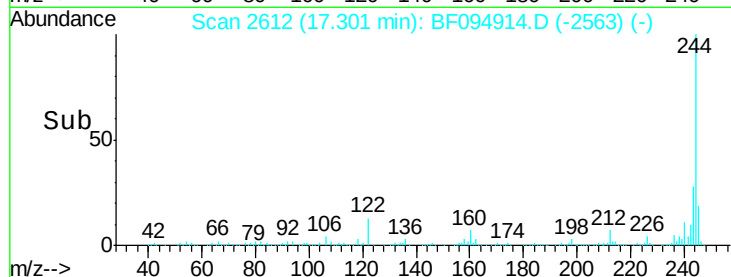
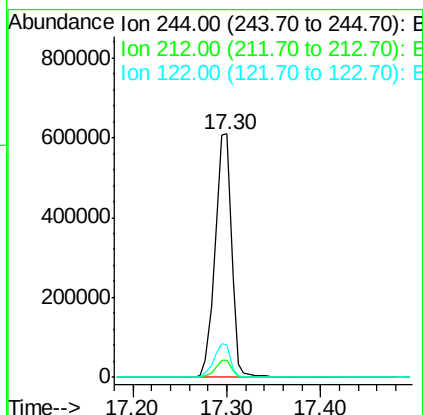
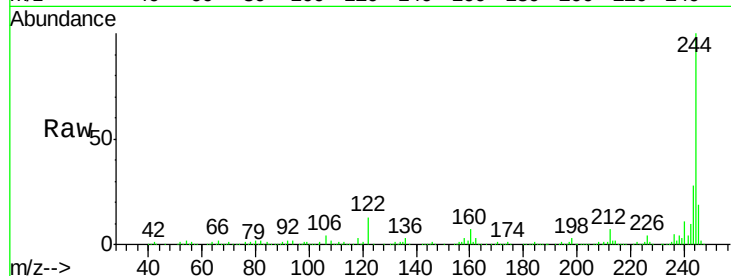




#78
 Terphenyl-d14
 Concen: 98.64 ng
 RT: 17.30 min Scan# 2612
 Delta R.T. -0.01 min
 Lab File: BF094914.D
 Acq: 5 May 2017 13:21

Instrument :
 BNA_F
 ClientSampleId :
 TP4-5COMP

Tgt Ion:244 Resp: 757263
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 13.2 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: BF094914.D
 Acq: 5 May 2017 13:21

Tgt Ion:264 Resp: 68166
 Ion Ratio Lower Upper
 264 100
 260 27.7 19.5 29.3
 265 20.9 17.2 25.8

