

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050417\
 Data File : BF094906.D
 Acq On : 5 May 2017 9:04
 Operator : SJ/MA
 Sample : I2932-04
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

Quant Time: May 05 11:56:31 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

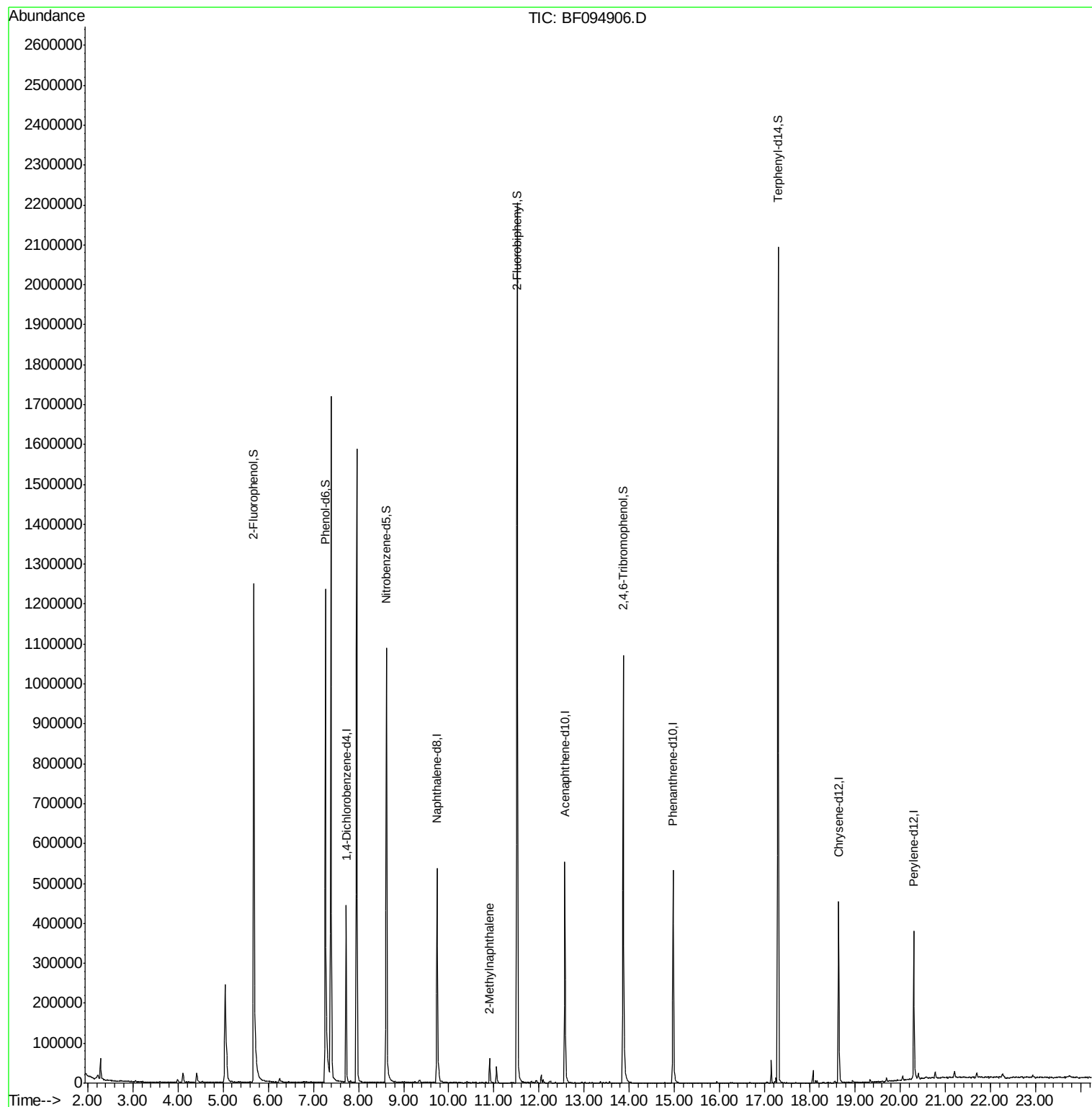
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	90270	20.00	ng	0.00
21) Naphthalene-d8	9.74	136	373976	20.00	ng	-0.01
38) Acenaphthene-d10	12.57	164	171366	20.00	ng	-0.01
63) Phenanthrene-d10	14.97	188	303084	20.00	ng	-0.01
75) Chrysene-d12	18.64	240	210854	20.00	ng	-0.02
86) Perylene-d12	20.30	264	185032	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	627861	115.96	ng	0.00
7) Phenol-d6	7.27	99	709027	109.14	ng	-0.01
23) Nitrobenzene-d5	8.62	82	522815	88.16	ng	-0.02
41) 2,4,6-Tribromophenol	13.87	330	187673	133.72	ng	-0.02
44) 2-Fluorobiphenyl	11.52	172	1015388	85.28	ng	-0.01
78) Terphenyl-d14	17.30	244	826341	86.32	ng	-0.01
Target Compounds						
37) 2-Methylnaphthalene	10.91	142	27831	2.26	ng	Qvalue 95

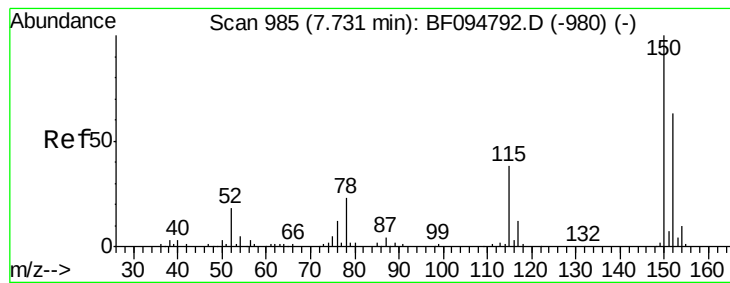
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed May 03 17:24:51 2017
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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: BF094906.D

Acq: 5 May 2017 9:04

Instrument :

BNA_F

ClientSampleId :

TP-4

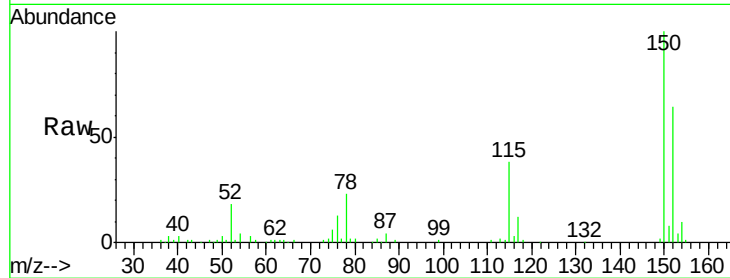
Tgt Ion:152 Resp: 90270

Ion Ratio Lower Upper

152 100

150 156.9 126.2 189.2

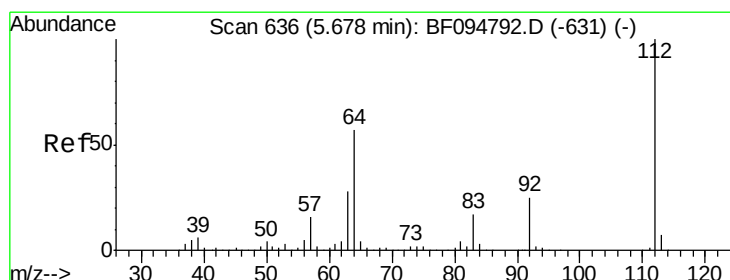
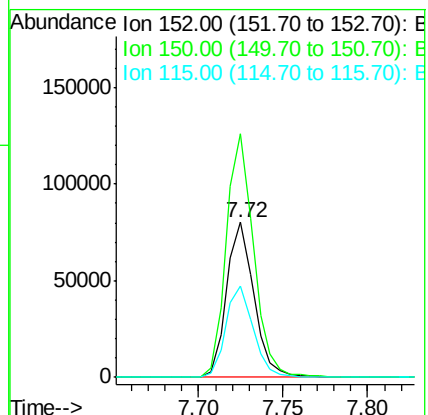
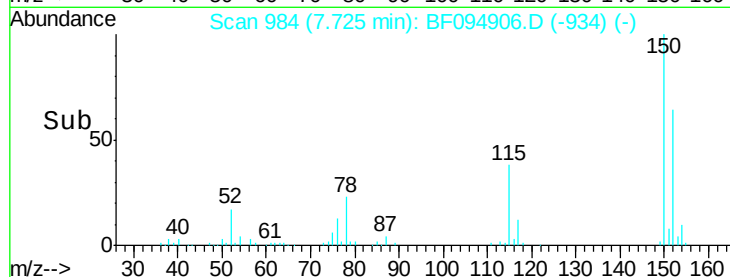
115 59.1 52.2 78.2



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: 115.96 ng

RT: 5.68 min Scan# 636

Delta R.T. 0.00 min

Lab File: BF094906.D

Acq: 5 May 2017 9:04

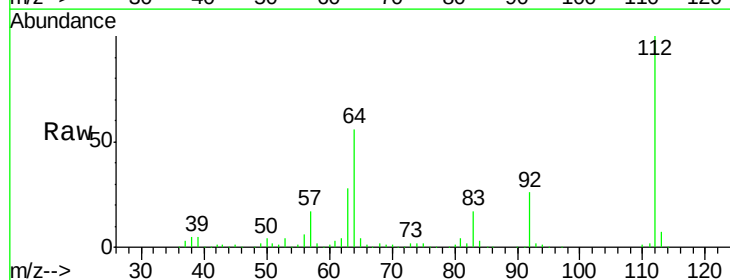
Tgt Ion:112 Resp: 627861

Ion Ratio Lower Upper

112 100

64 56.5 46.0 69.0

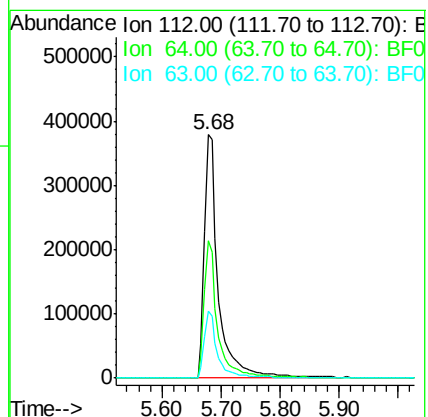
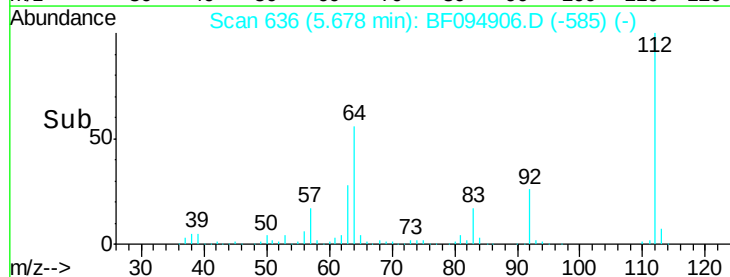
63 27.5 23.4 35.0

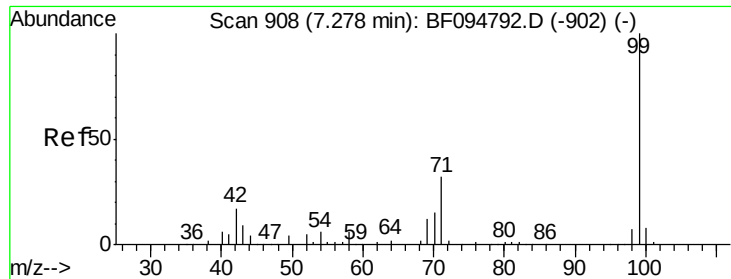


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 109.14 ng

RT: 7.27 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF094906.D

Acq: 5 May 2017 9:04

Instrument :

BNA_F

ClientSampleId :

TP-4

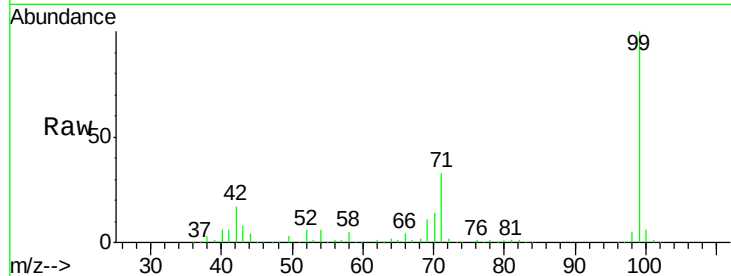
Tgt Ion: 99 Resp: 709027

Ion Ratio Lower Upper

99 100

42 16.6 13.5 20.3

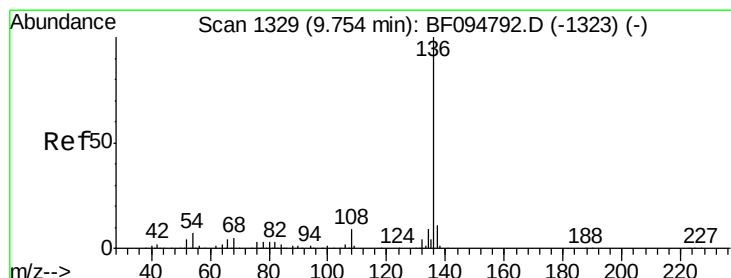
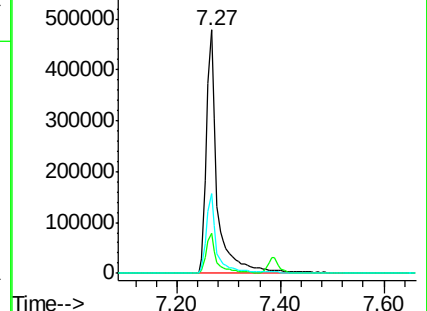
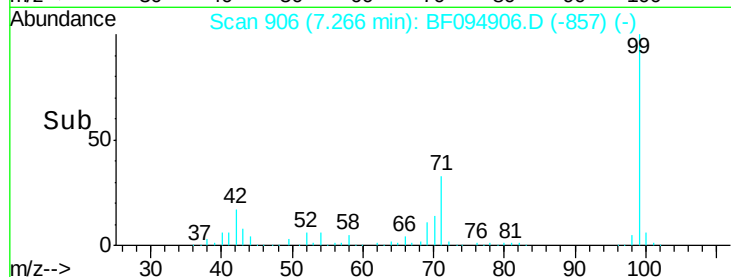
71 32.8 24.5 36.7



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: BF094906.D

Acq: 5 May 2017 9:04

Tgt Ion: 136 Resp: 373976

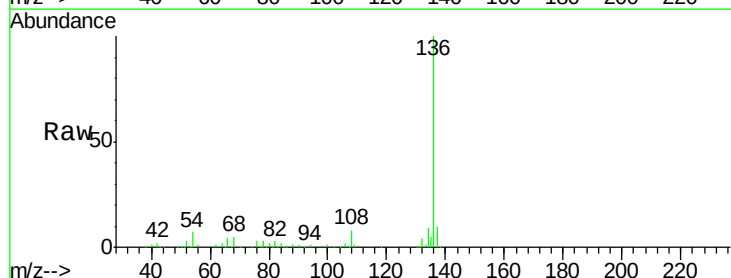
Ion Ratio Lower Upper

136 100

137 9.8 8.5 12.7

54 7.2 4.9 7.3

68 4.7 4.1 6.1

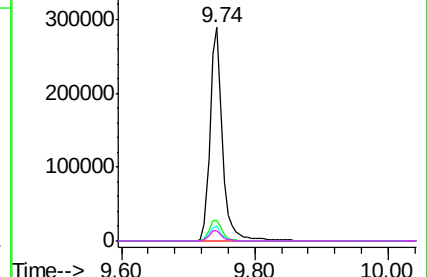
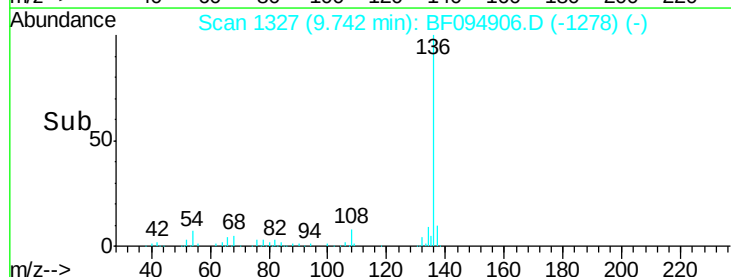


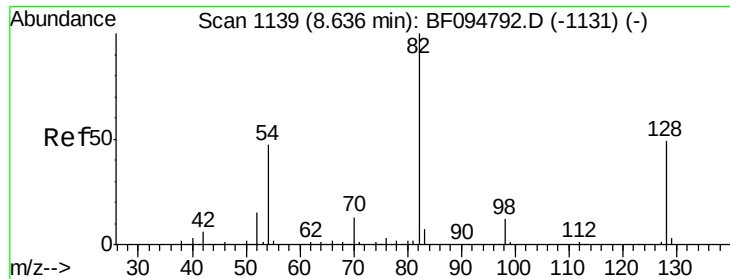
Abundance Ion 136.00 (135.70 to 136.70): E

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

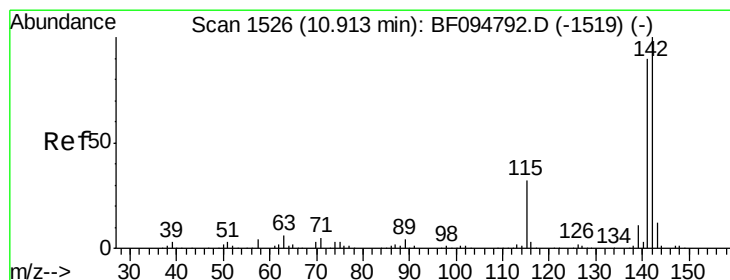
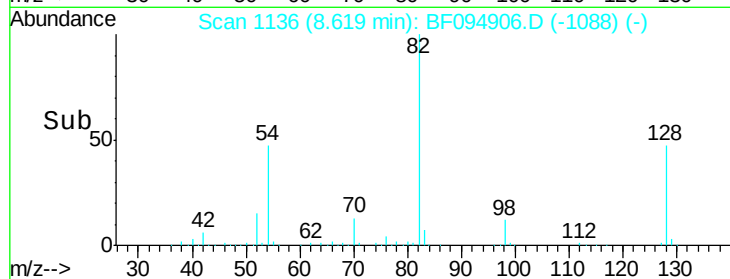
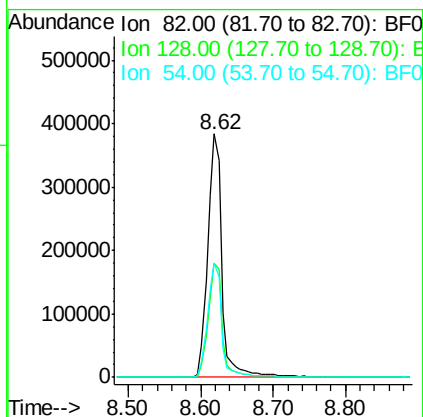
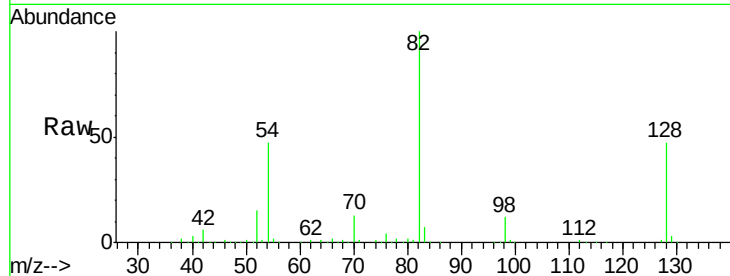




#23
 Nitrobenzene-d5
 Concen: 88.16 ng
 RT: 8.62 min Scan# 1136
 Delta R.T. -0.02 min
 Lab File: BF094906.D
 Acq: 5 May 2017 9:04

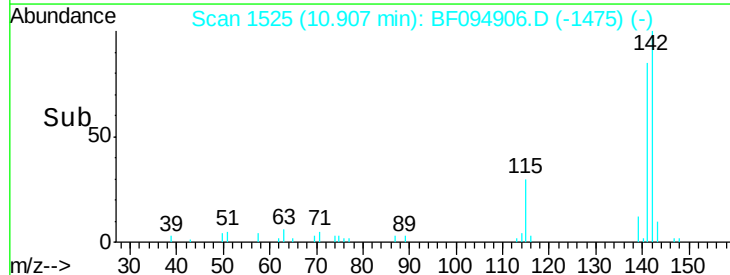
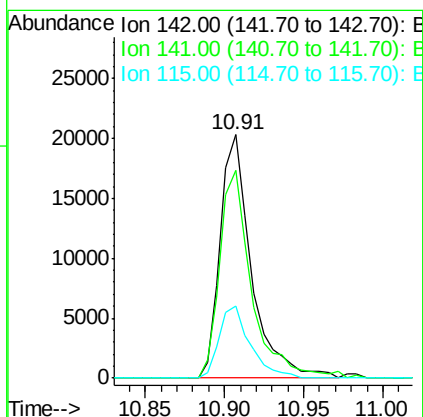
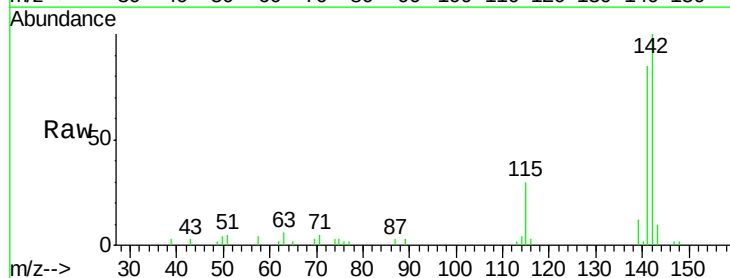
Instrument :
 BNA_F
 ClientSampled :
 TP-4

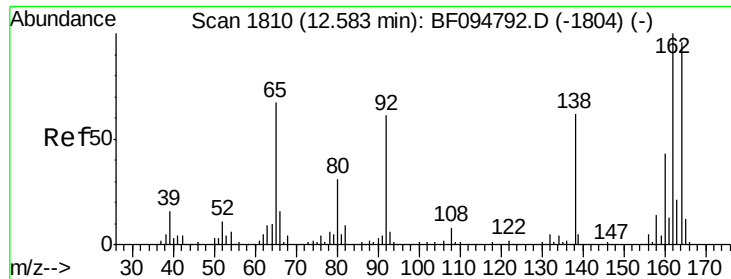
Tgt Ion: 82 Resp: 522815
 Ion Ratio Lower Upper
 82 100
 128 47.0 34.0 51.0
 54 47.1 42.2 63.2



#37
 2-Methylnaphthalene
 Concen: 2.26 ng
 RT: 10.91 min Scan# 1525
 Delta R.T. -0.01 min
 Lab File: BF094906.D
 Acq: 5 May 2017 9:04

Tgt Ion: 142 Resp: 27831
 Ion Ratio Lower Upper
 142 100
 141 85.4 71.3 106.9
 115 29.8 27.1 40.7

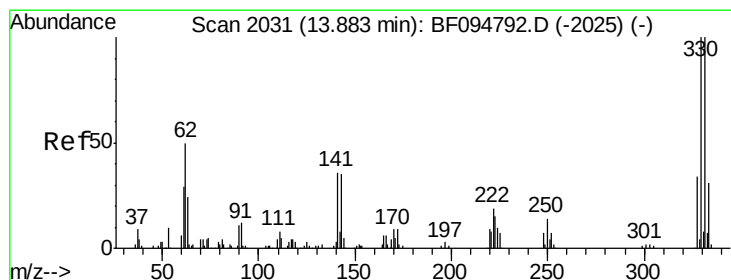
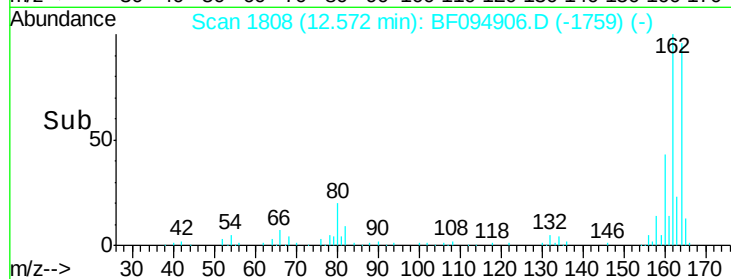
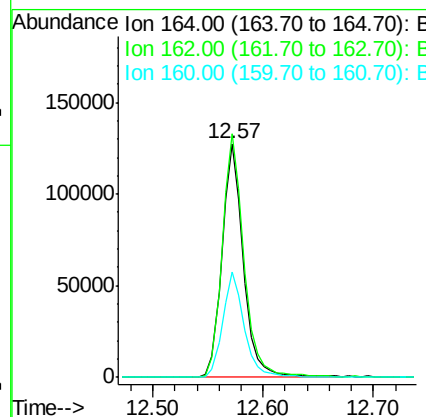
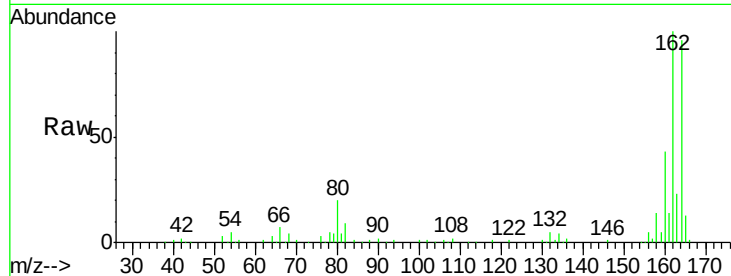




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.57 min Scan# 1808
 Delta R.T. -0.01 min
 Lab File: BF094906.D
 Acq: 5 May 2017 9:04

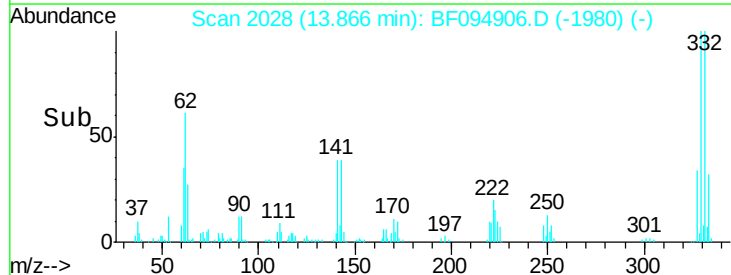
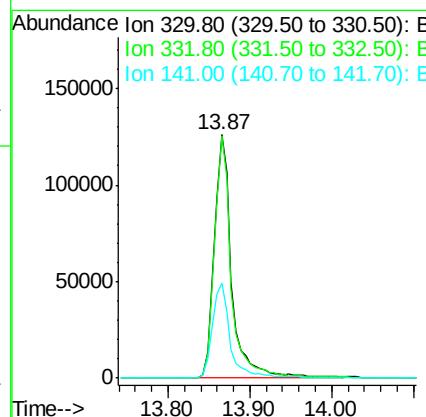
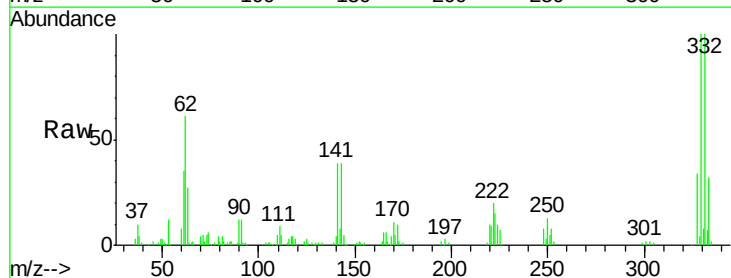
Instrument :
 BNA_F
 ClientSampleId :
 TP-4

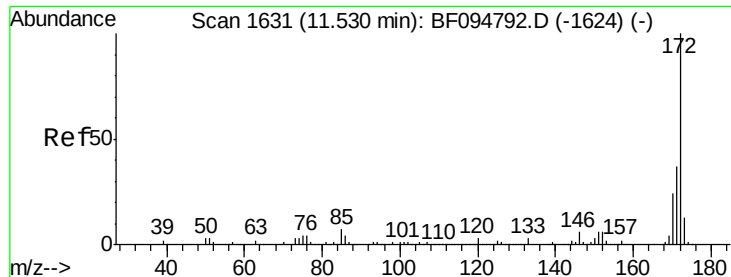
Tgt Ion:164 Resp: 171366
 Ion Ratio Lower Upper
 164 100
 162 104.1 82.6 123.8
 160 45.0 36.2 54.2



#41
 2,4,6-Tribromophenol
 Concen: 133.72 ng
 RT: 13.87 min Scan# 2028
 Delta R.T. -0.02 min
 Lab File: BF094906.D
 Acq: 5 May 2017 9:04

Tgt Ion:330 Resp: 187673
 Ion Ratio Lower Upper
 330 100
 332 97.2 76.6 115.0
 141 39.7 31.4 47.2

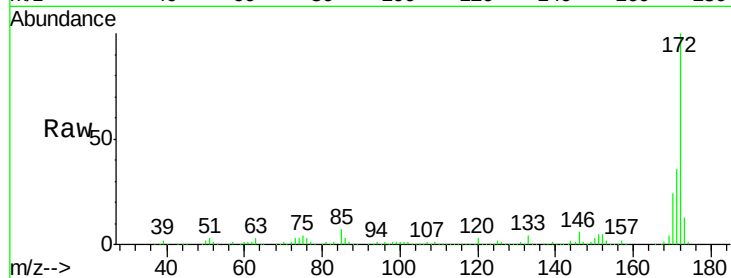




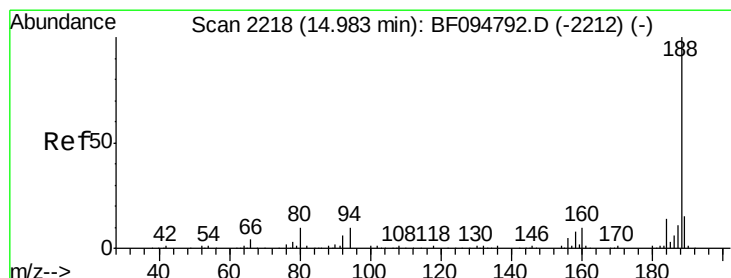
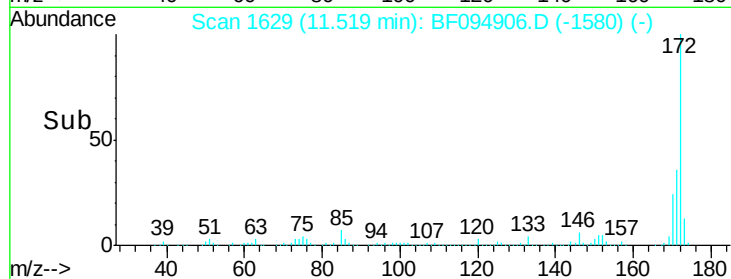
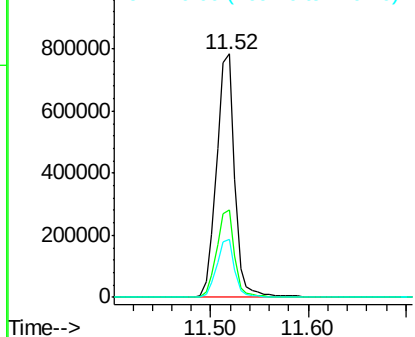
#44
 2-Fluorobiphenyl
 Concen: 85.28 ng
 RT: 11.52 min Scan# 1629
 Delta R.T. -0.01 min
 Lab File: BF094906.D
 Acq: 5 May 2017 9:04

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

Tgt Ion:172 Resp: 1015388
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.6 44.4
 170 23.8 19.8 29.8

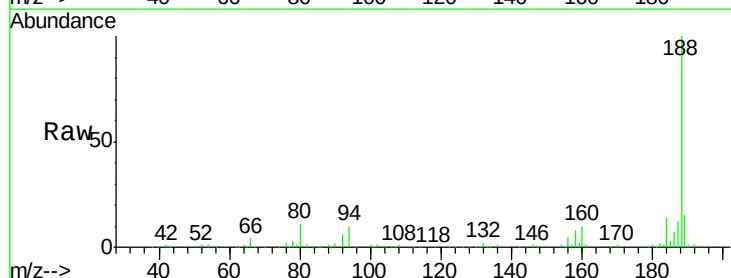


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

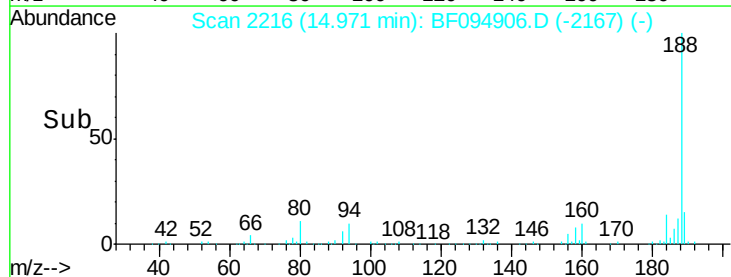
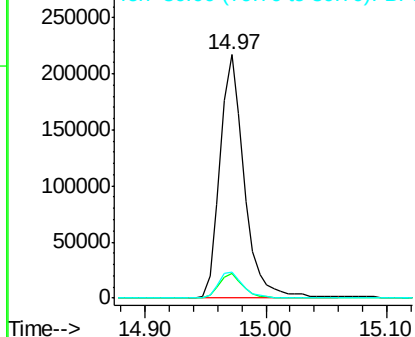


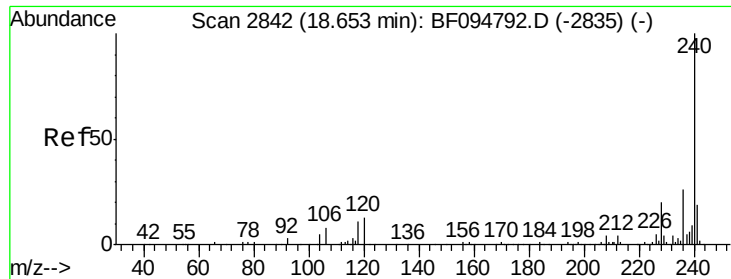
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.97 min Scan# 2216
 Delta R.T. -0.01 min
 Lab File: BF094906.D
 Acq: 5 May 2017 9:04

Tgt Ion:188 Resp: 303084
 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

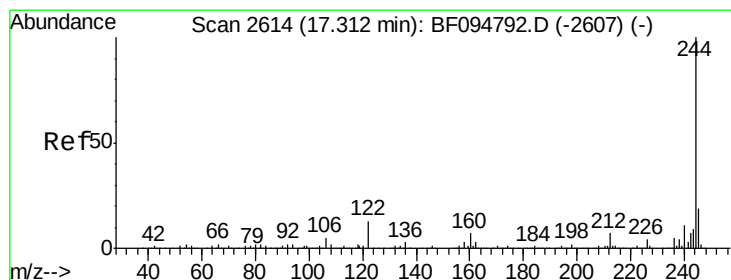
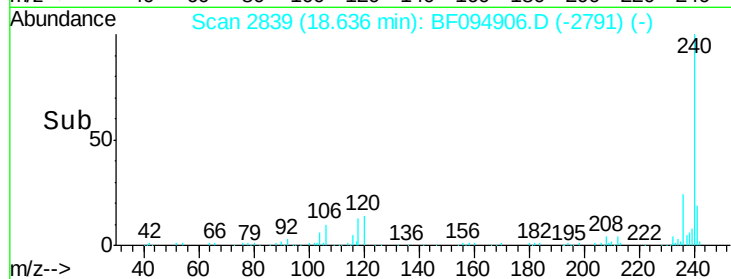
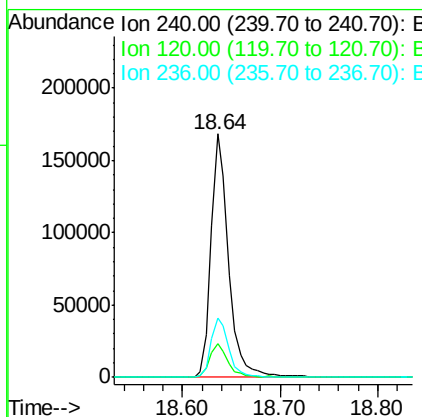
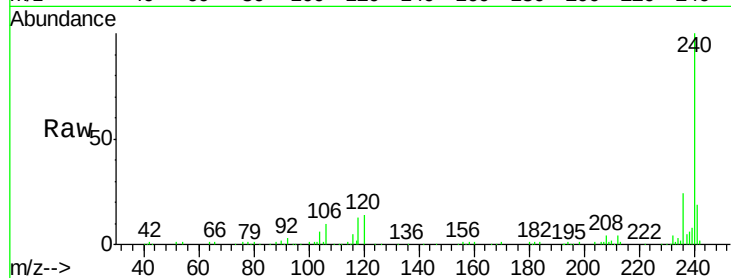




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.64 min Scan# 2839
 Delta R.T. -0.02 min
 Lab File: BF094906.D
 Acq: 5 May 2017 9:04

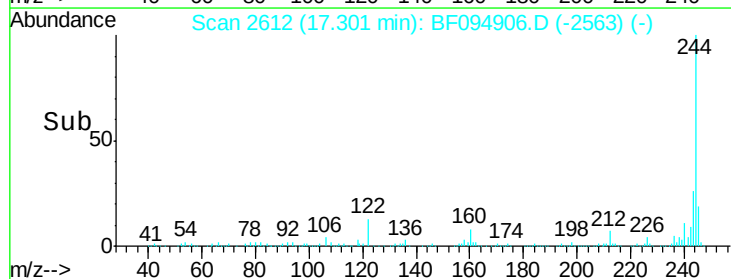
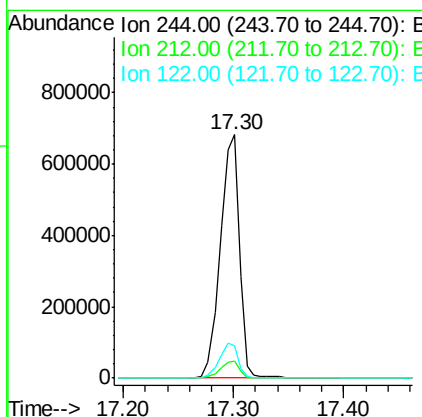
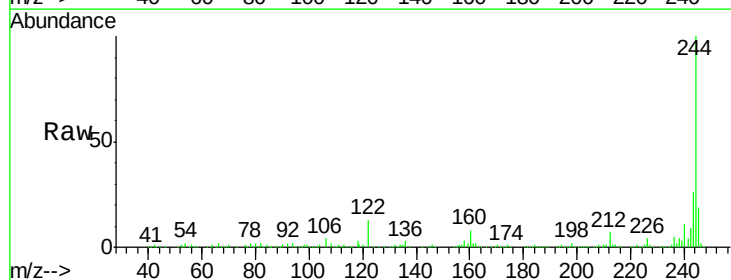
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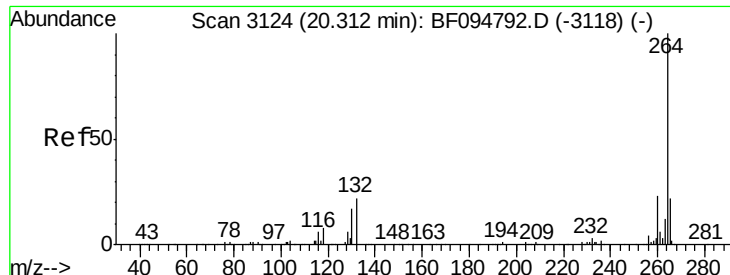
Tgt Ion:240 Resp: 210854
 Ion Ratio Lower Upper
 240 100
 120 13.8 5.8 8.8#
 236 24.1 20.5 30.7



#78
 Terphenyl-d14
 Concen: 86.32 ng
 RT: 17.30 min Scan# 2612
 Delta R.T. -0.01 min
 Lab File: BF094906.D
 Acq: 5 May 2017 9:04

Tgt Ion:244 Resp: 826341
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 13.1 10.3 15.5

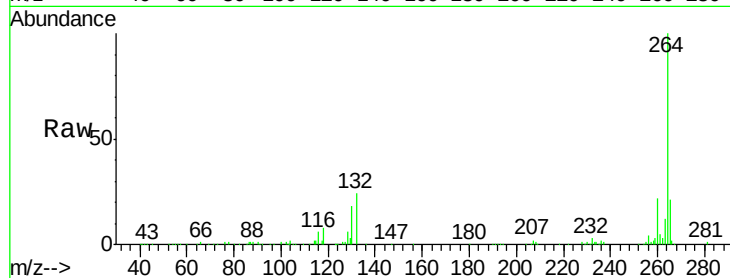




#86
Perylene-d12
Concen: 20.00 ng
RT: 20.30 min Scan# 3122
Delta R.T. -0.01 min
Lab File: BF094906.D
Acq: 5 May 2017 9:04

Instrument :
BNA_F
ClientSampleId :
TP-4

Tgt Ion: 264 Resp: 185032
Ion Ratio Lower Upper
264 100
260 22.1 19.5 29.3
265 21.3 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

