

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 :

Quant Time: May 05 11:52:03 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

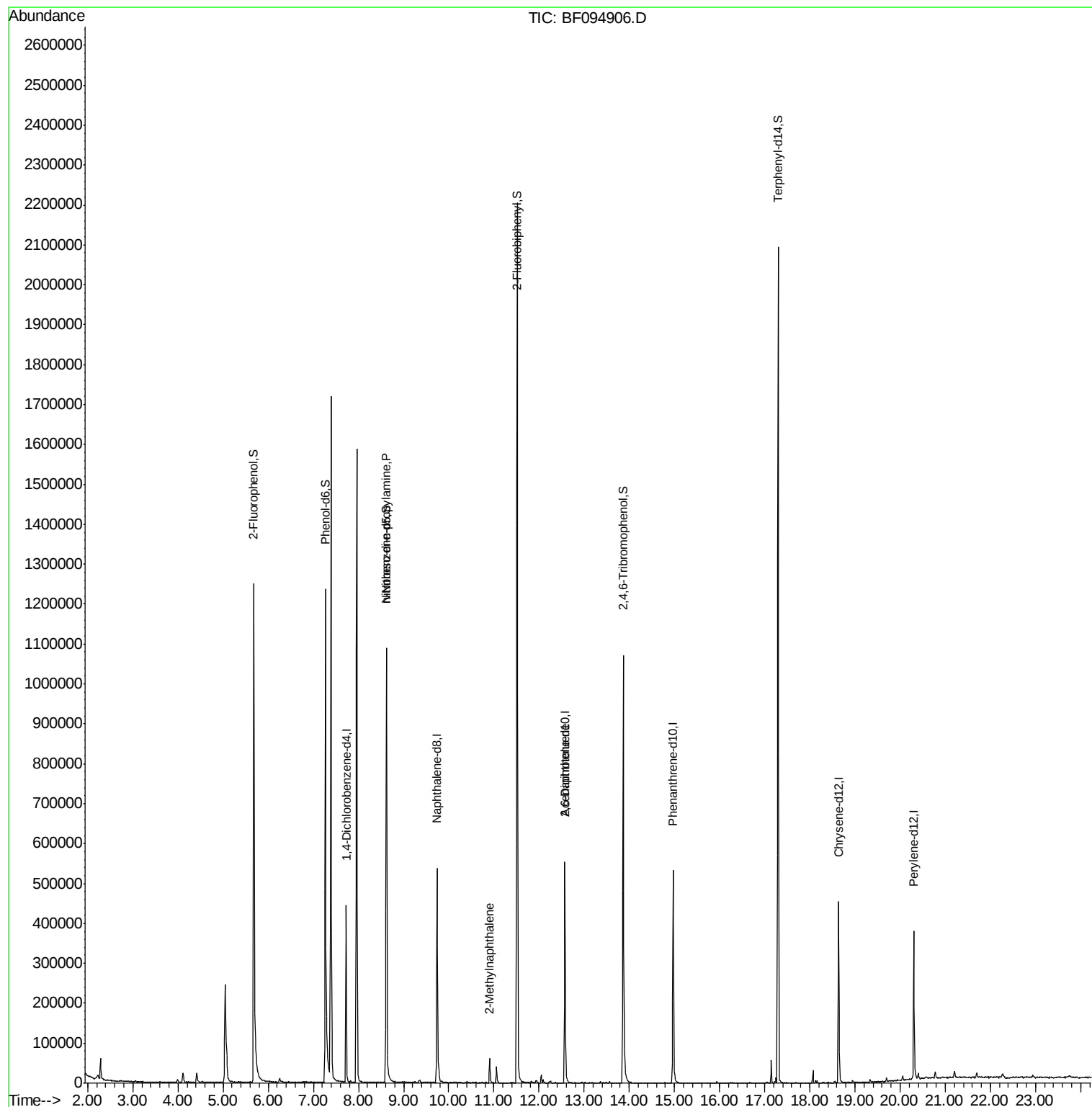
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	90270	20.00	ng	0.00
21) Naphthalene-d8	9.74	136	373976	20.00	ng	-0.01
38) Acenaphthene-d10	12.57	164	171366	20.00	ng	-0.01
63) Phenanthrene-d10	14.97	188	303084	20.00	ng	-0.01
75) Chrysene-d12	18.64	240	210854	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						
19) n-Nitroso-di-n-propylamine	8.62	70	67519	15.37	ng	# 75
37) 2-Methylnaphthalene	10.91	142	27831	2.26	ng	95
50) 2,6-Dinitrotoluene	12.57	165	17633	6.14	ng	# 31

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

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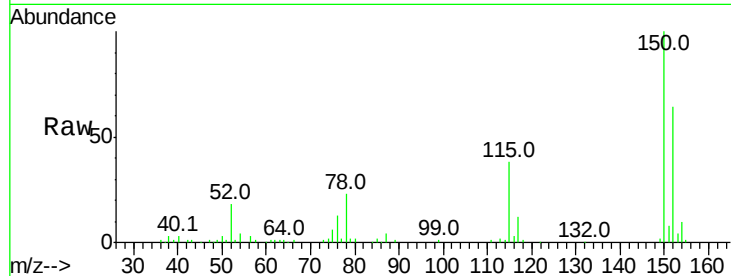


#1

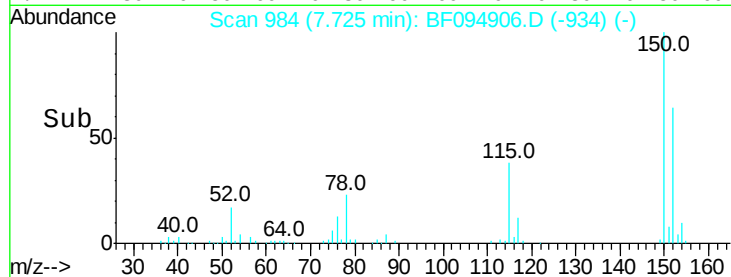
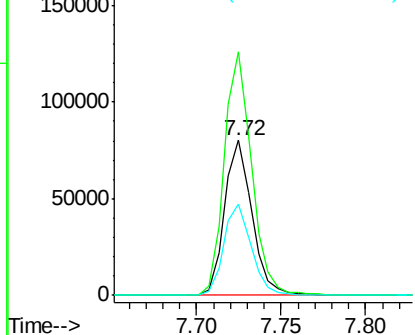
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF094906.D
Acq: 5 May 2017 9:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 90270
Ion Ratio Lower Upper
152 100
150 156.9 126.2 189.2
115 59.1 52.2 78.2



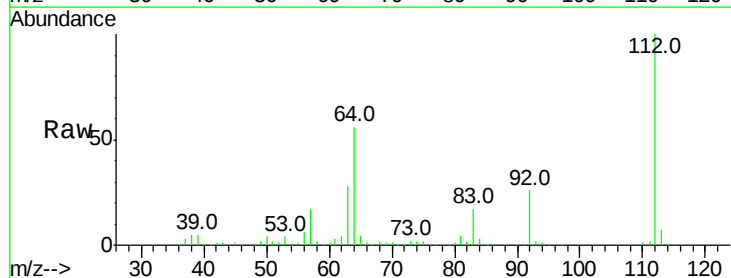
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



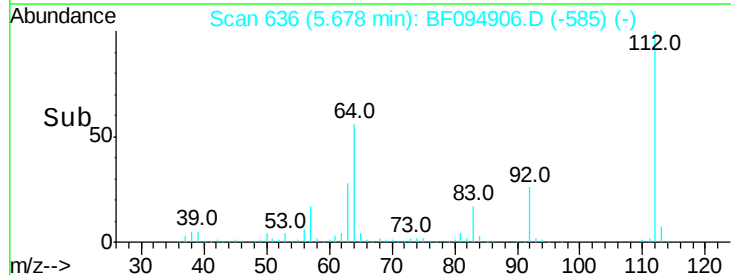
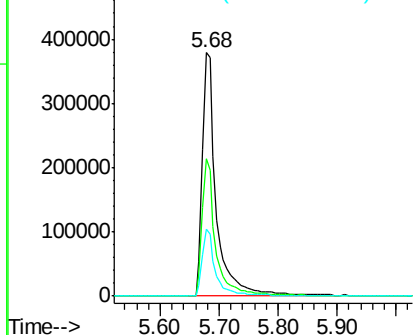
#5

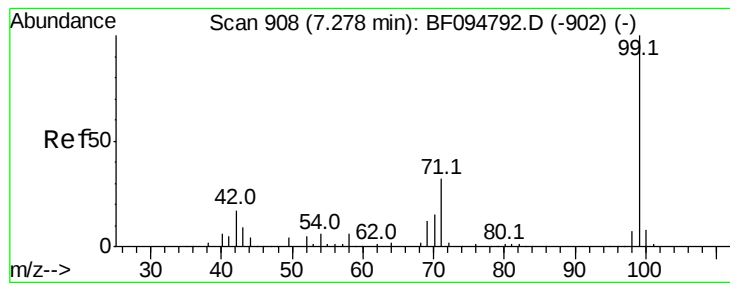
2-Fluorophenol
Concen: 115.96 ng
RT: 5.68 min Scan# 636
Delta R.T. 0.00 min
Lab File: BF094906.D
Acq: 5 May 2017 9:04

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 :

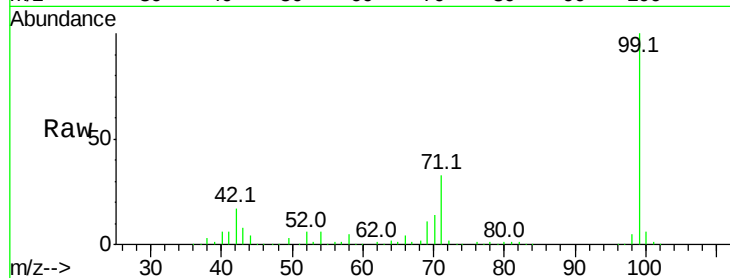
Tot Ion: 99 Resp: 709027

Ion Ratio Lower Upper

99 100

42 16.6 13.5 20.3

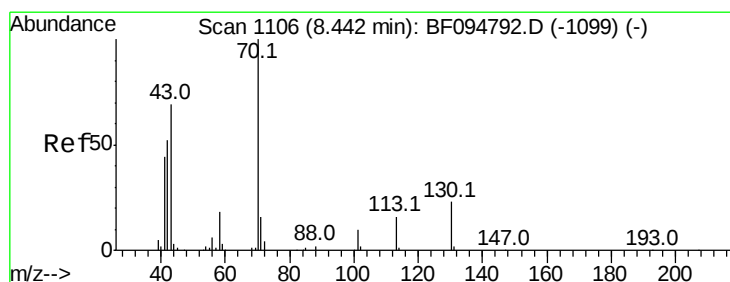
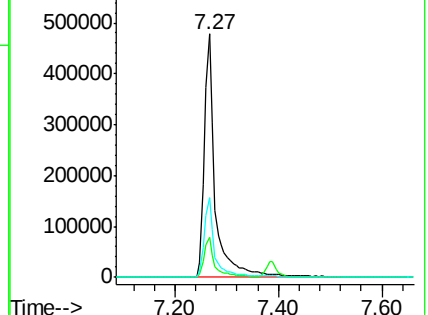
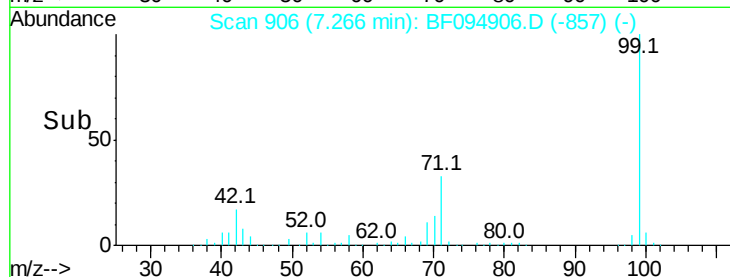
71 32.8 24.5 36.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 15.37 ng

RT: 8.62 min Scan# 1136

Delta R.T. 0.18 min

Lab File: BF094906.D

Acq: 5 May 2017 9:04

Tgt Ion: 70 Resp: 67519

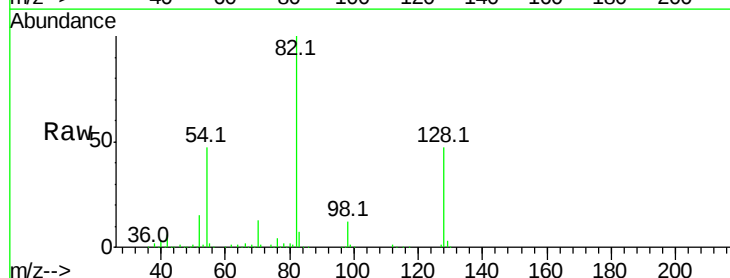
Ion Ratio Lower Upper

70 100

42 43.2 47.2 70.8#

101 0.0 7.2 10.8#

130 2.4 15.9 23.9#

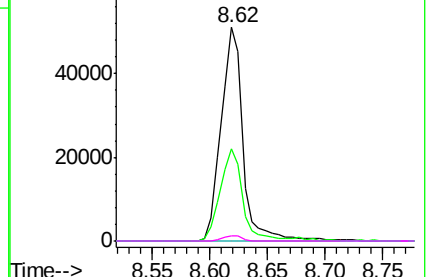
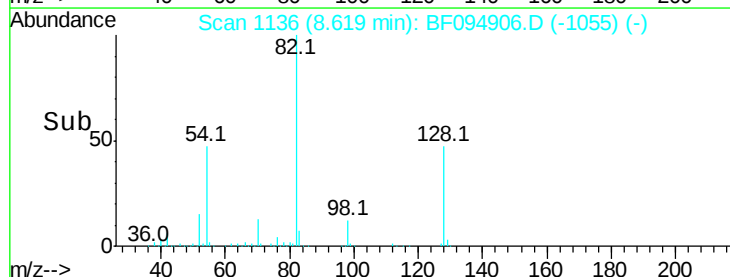


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#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

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136 Resp: 373976

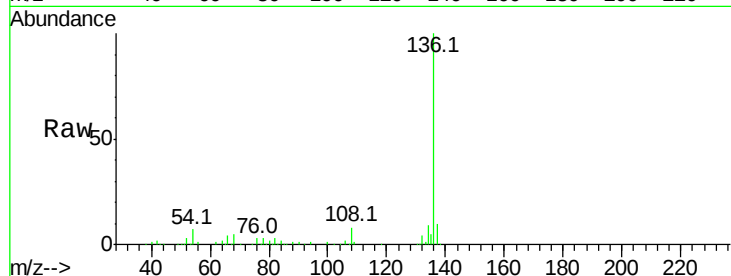
Ion	Ratio	Lower	Upper
136	100		
137	9.8	8.5	12.7
54	7.2	4.9	7.3
68	4.7	4.1	6.1

136 100

137 9.8 8.5 12.7

54 7.2 4.9 7.3

68 4.7 4.1 6.1

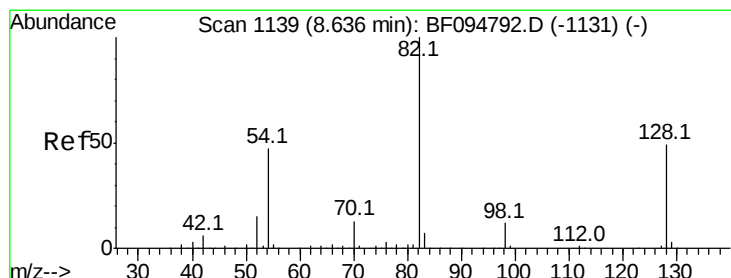
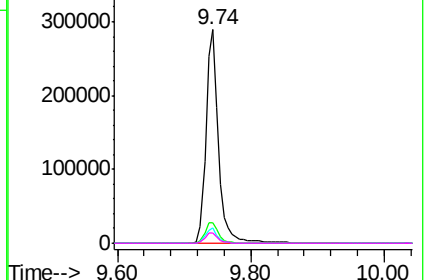
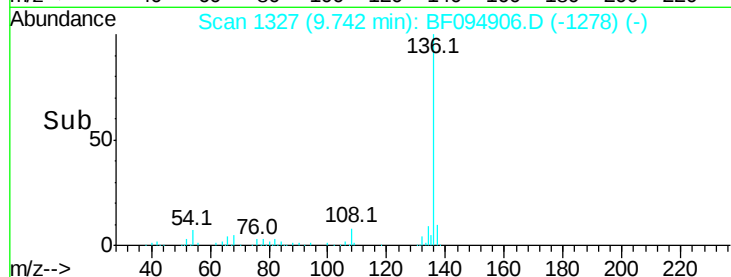


Abundance Ion 136.00 (135.70 to 136.70): E

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

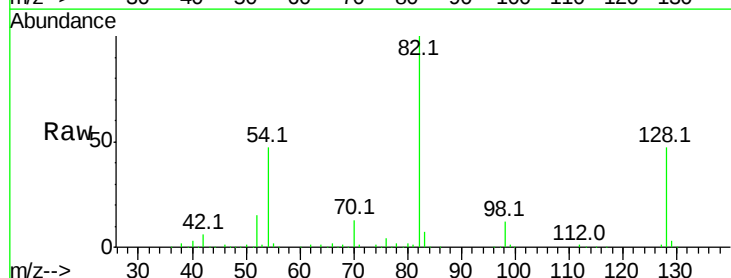
Tgt Ion: 82 Resp: 522815

Ion	Ratio	Lower	Upper
82	100		
128	47.0	34.0	51.0
54	47.1	42.2	63.2

82 100

128 47.0 34.0 51.0

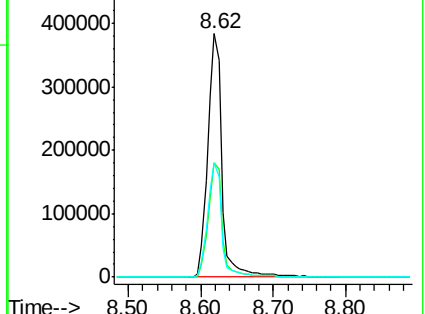
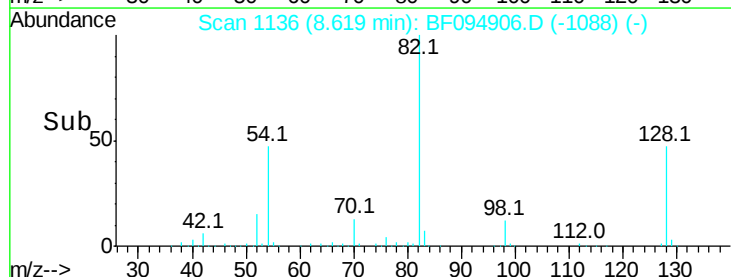
54 47.1 42.2 63.2

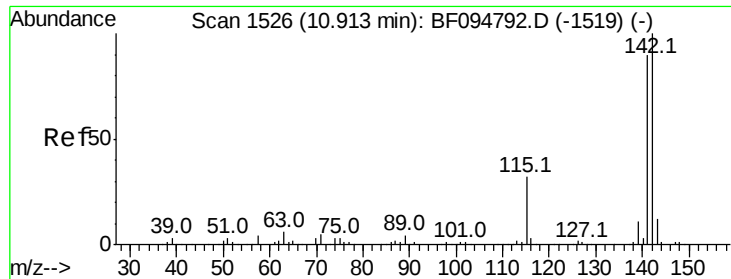


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

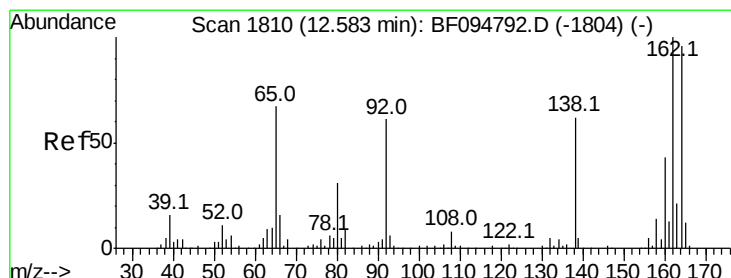
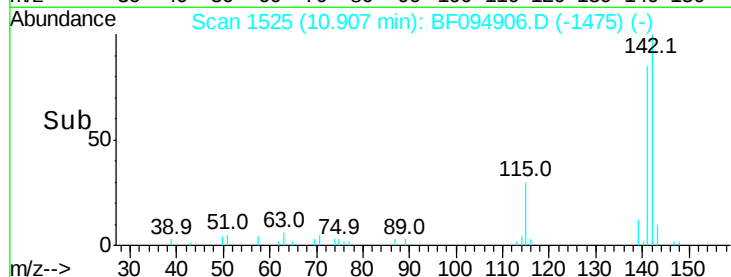
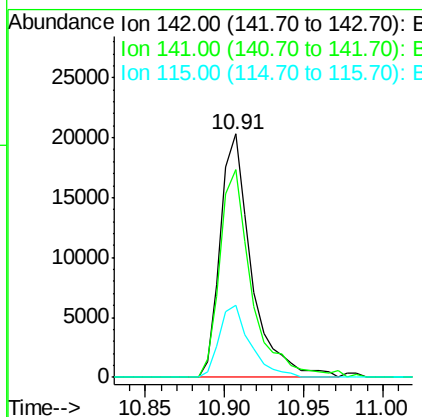
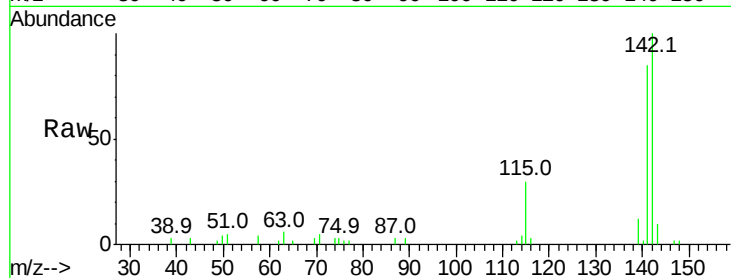




#37
2-Methylnaphthalene
Concen: 2.26 ng
RT: 10.91 min Scan# 1525
Delta R.T. -0.01 min
Lab File: BF094906.D
Acq: 5 May 2017 9:04

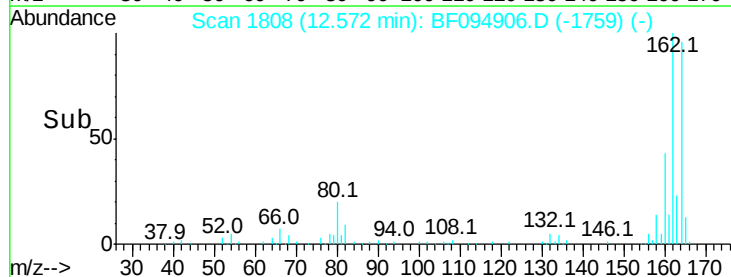
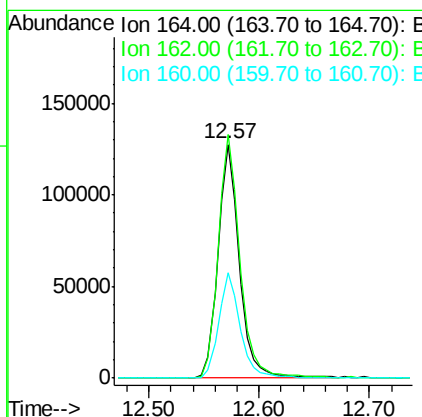
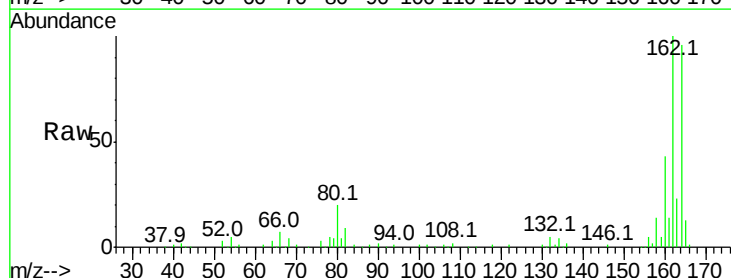
Instrument :
BNA_F
ClientSampled :

Tot 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

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

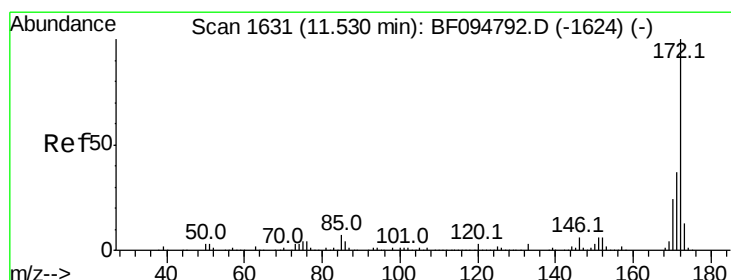
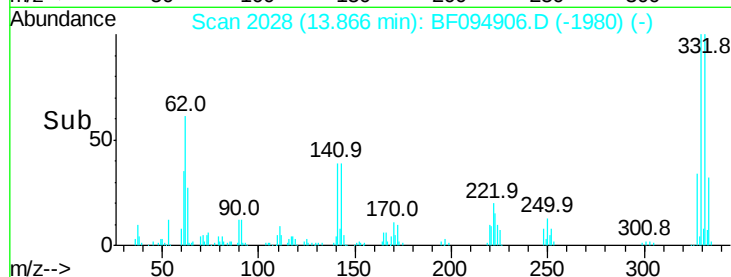
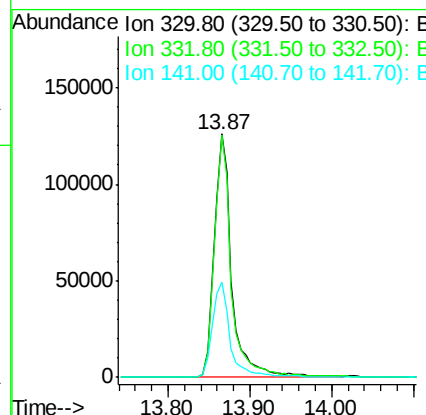
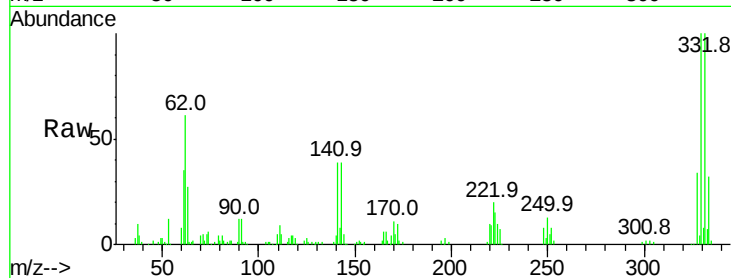




#41
 2,4,6-Tribromophenol
 Concen: 133.72 ng
 RT: 13.87 min Scan# 2028
 Delta R.T. -0.02 min
 Lab File: BF094906.D
 Acq: 5 May 2017 9:04

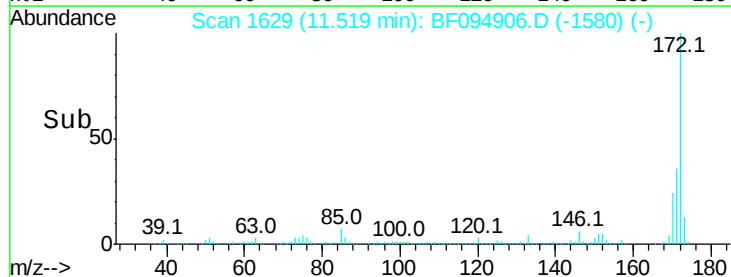
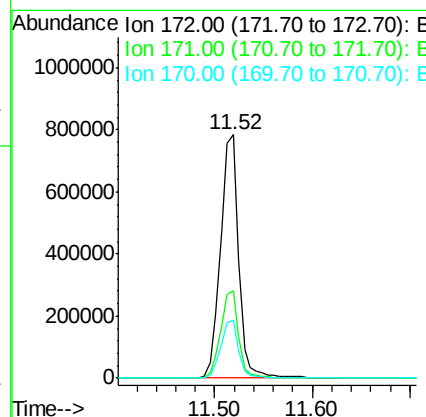
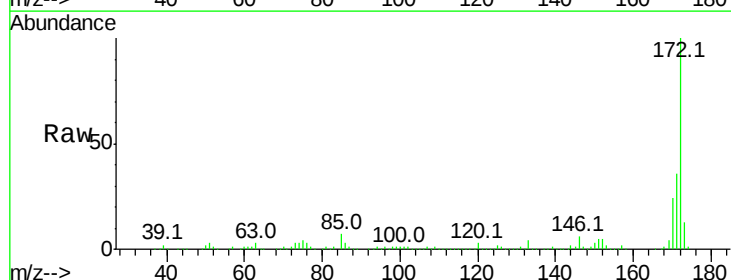
Instrument :
 BNA_F
 ClientSampleId :

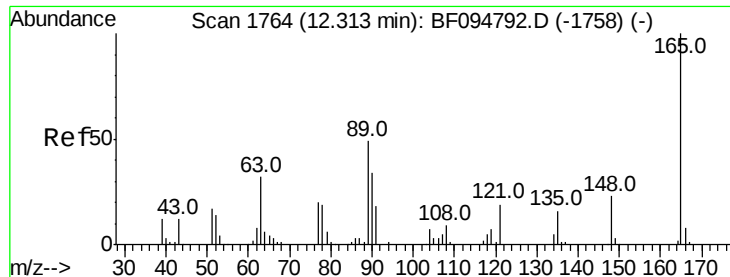
Tot Ion:330 Resp: 187673
 Ion Ratio Lower Upper
 330 100
 332 97.2 76.6 115.0
 141 39.7 31.4 47.2



#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

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

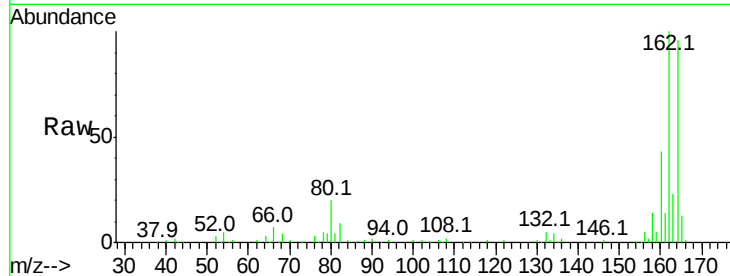




#50
 2,6-Dinitrotoluene
 Concen: 6.14 ng
 RT: 12.57 min Scan# 1808
 Delta R.T. 0.26 min
 Lab File: BF094906.D
 Acq: 5 May 2017 9:04

Instrument :
 BNA_F
 ClientSampleId :

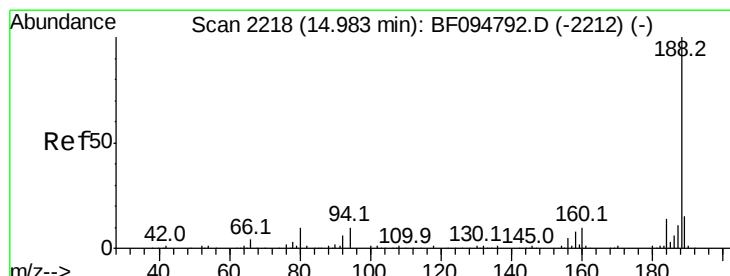
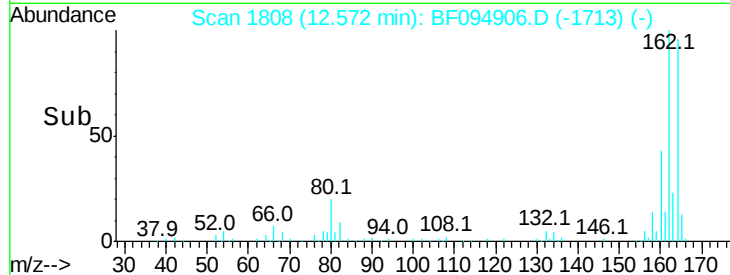
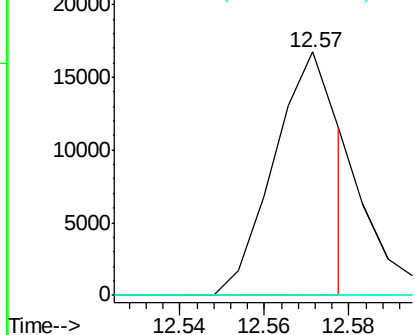
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.3	51.5#
89	0.0	37.1	55.7#



Abundance Ion 165.00 (164.70 to 165.70): E

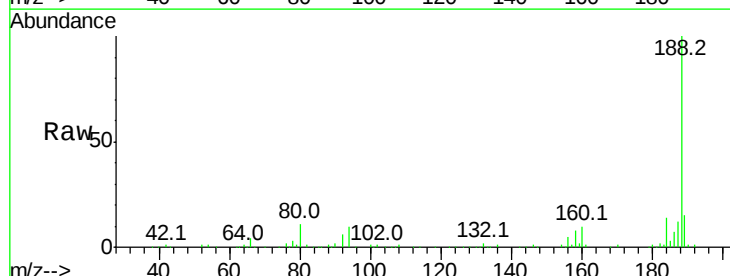
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#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

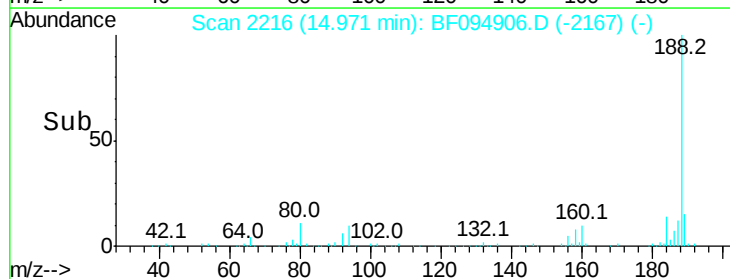
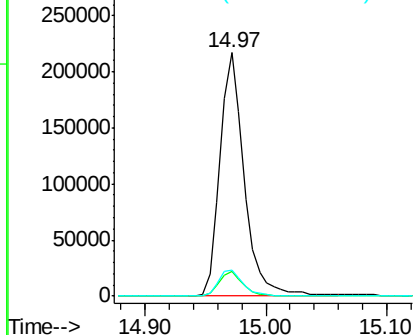
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.2	9.4	14.2
80	10.9	10.2	15.2



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

Instrument :

BNA_F

ClientSampleId :

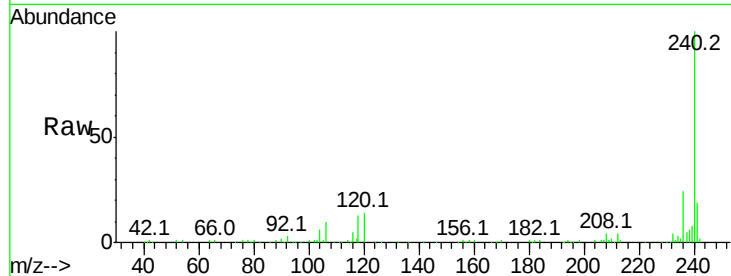
Tot Ion:240 Resp: 210854

Ion Ratio Lower Upper

240 100

120 13.8 5.8 8.8#

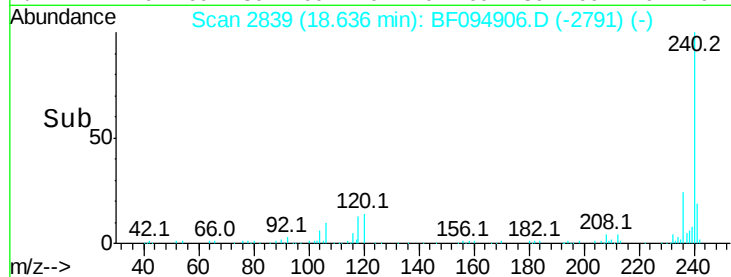
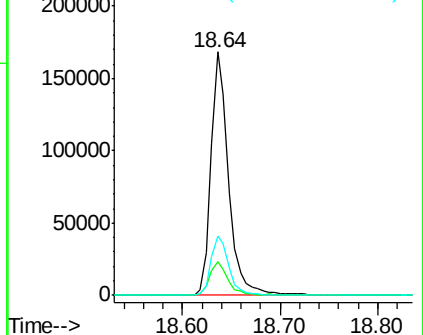
236 24.1 20.5 30.7



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: 86.32 ng

RT: 17.30 min Scan# 2612

Delta R.T. -0.01 min

Lab File: BF094906.D

Acq: 5 May 2017 9:04

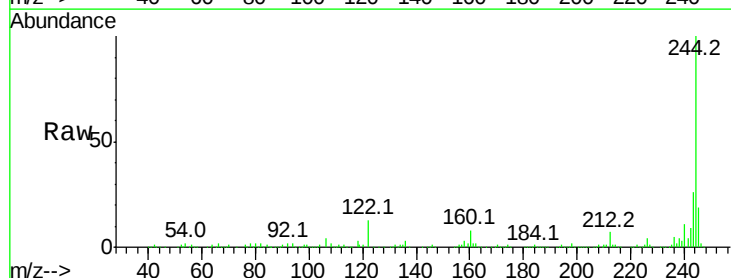
Tgt Ion:244 Resp: 826341

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

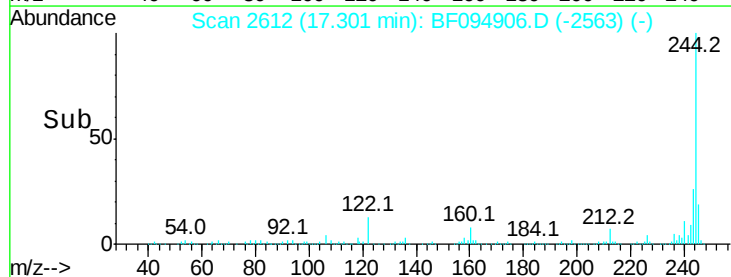
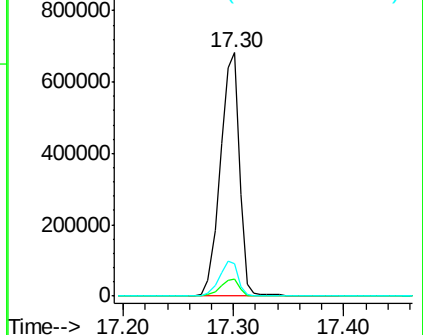
122 13.1 10.3 15.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

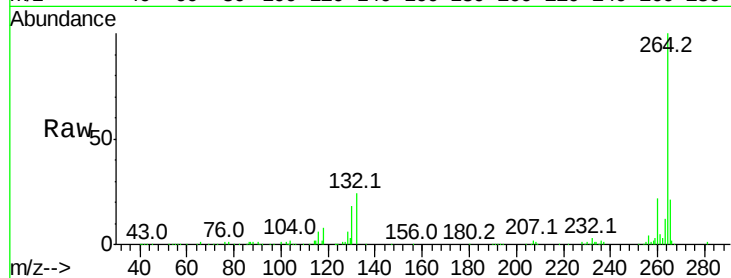




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 20.30 min Scan# 3122
 Delta R.T. -0.01 min
 Lab File: BF094906.D
 Acq: 5 May 2017 9:04

Instrument :
 BNA_F
 ClientSampleId :

Tot 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

