

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050817\
 Data File : BF094990.D
 Acq On : 8 May 2017 20:37
 Operator : SJ/MA
 Sample : I3010-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-1

Quant Time: May 09 02:14:31 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

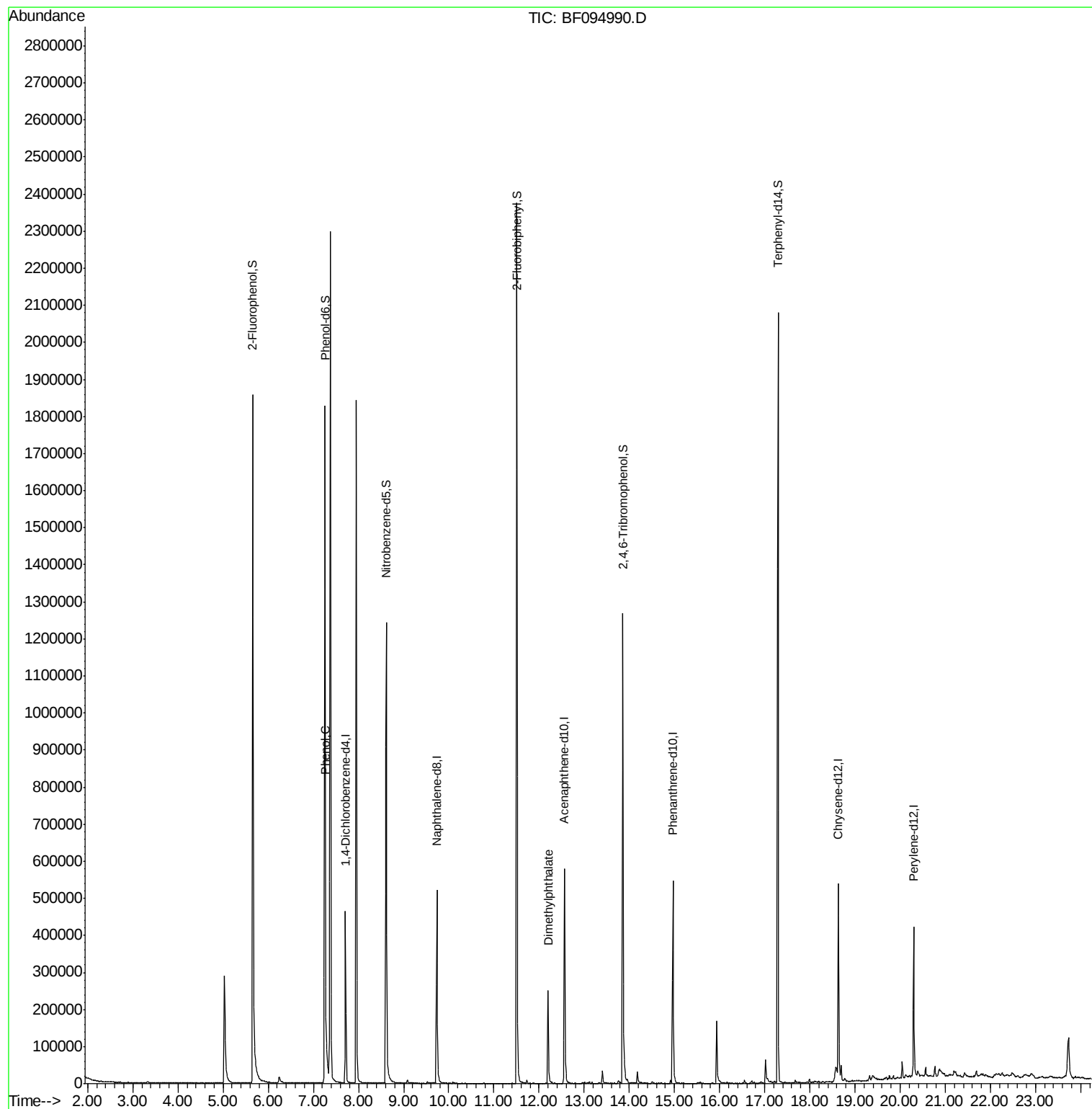
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	95550	20.00	ng	-0.02
21) Naphthalene-d8	9.74	136	397510	20.00	ng	-0.02
38) Acenaphthene-d10	12.56	164	181008	20.00	ng	-0.02
63) Phenanthrene-d10	14.97	188	318231	20.00	ng	-0.02
75) Chrysene-d12	18.63	240	233882	20.00	ng	-0.02
86) Perylene-d12	20.30	264	193428	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	878762	153.33	ng	-0.02
7) Phenol-d6	7.26	99	1081497	157.28	ng	-0.02
23) Nitrobenzene-d5	8.61	82	629250	99.82	ng	-0.02
41) 2,4,6-Tribromophenol	13.86	330	226616	152.87	ng	-0.02
44) 2-Fluorobiphenyl	11.51	172	1083974	86.20	ng	-0.02
78) Terphenyl-d14	17.29	244	845723	79.65	ng	-0.02
Target Compounds						
10) Phenol	7.27	94	23354	3.22	ng	90
49) Dimethylphthalate	12.20	163	165647	11.15	ng	98

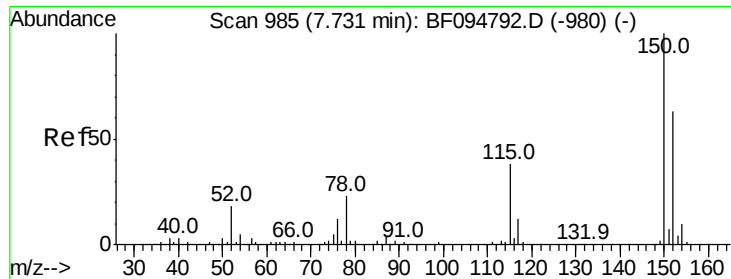
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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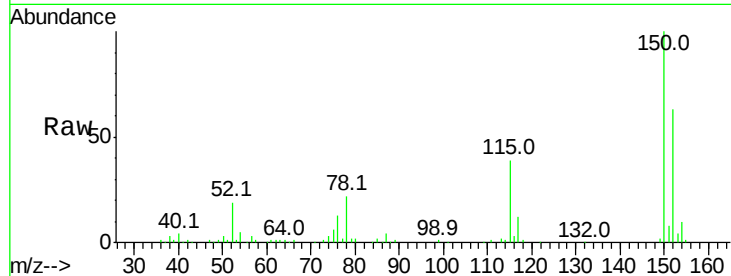


#1

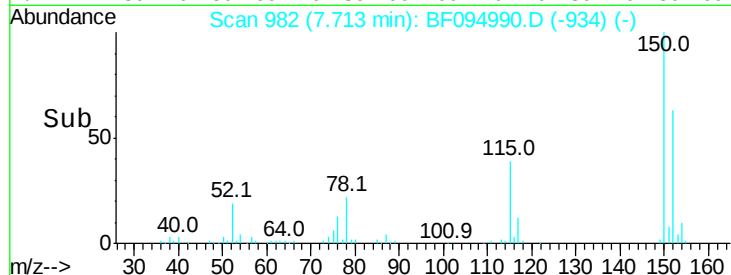
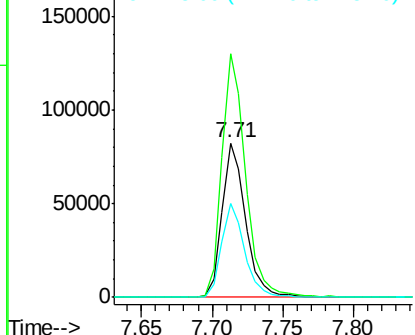
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.71 min Scan# 982
Delta R.T. -0.02 min
Lab File: BF094990.D
Acq: 8 May 2017 20:37

Instrument :
BNA_F
ClientSampleId :
S-1

Tot Ion:152 Resp: 95550
Ion Ratio Lower Upper
152 100
150 158.1 126.2 189.2
115 61.2 52.2 78.2



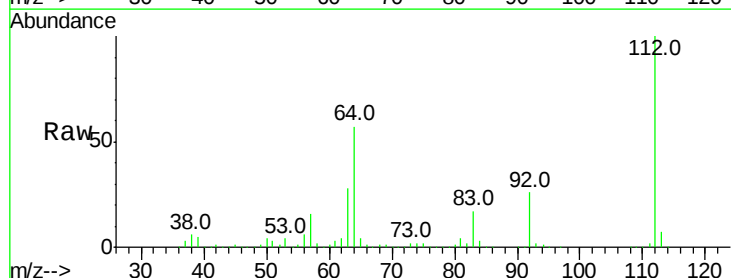
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



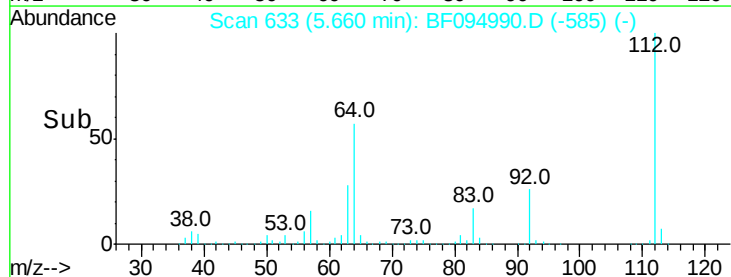
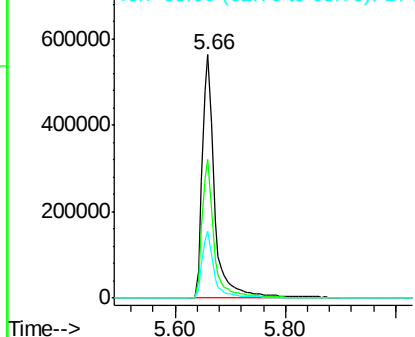
#5

2-Fluorophenol
Concen: 153.33 ng
RT: 5.66 min Scan# 633
Delta R.T. -0.02 min
Lab File: BF094990.D
Acq: 8 May 2017 20:37

Tgt Ion:112 Resp: 878762
Ion Ratio Lower Upper
112 100
64 56.8 46.0 69.0
63 27.7 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: 157.28 ng

RT: 7.26 min Scan# 905

Delta R.T. -0.02 min

Lab File: BF094990.D

Acq: 8 May 2017 20:37

Instrument :

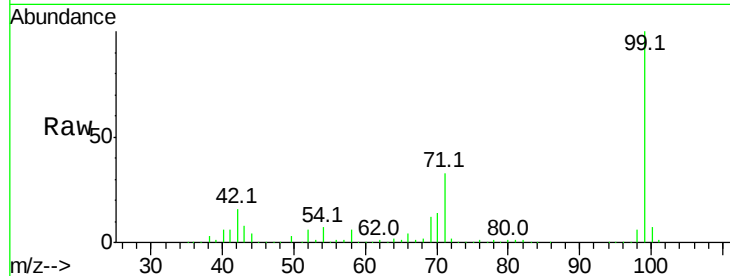
BNA_F

ClientSampled :

S-1

Tot Ion: 99 Resp: 1081497

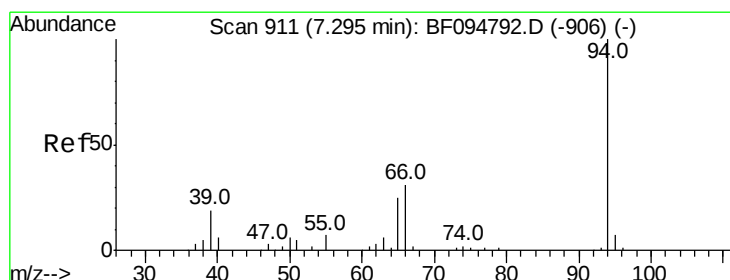
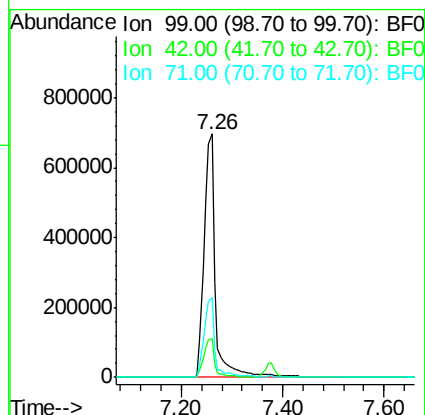
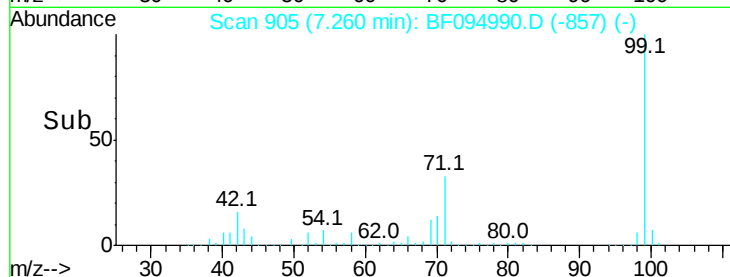
Ion	Ratio	Lower	Upper
99	100		
42	16.1	13.5	20.3
71	32.8	24.5	36.7



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



#10

Phenol

Concen: 3.22 ng

RT: 7.27 min Scan# 907

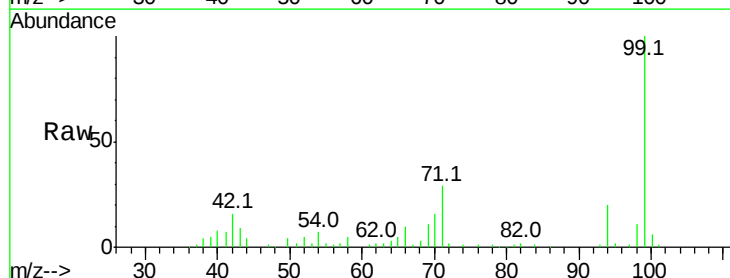
Delta R.T. -0.02 min

Lab File: BF094990.D

Acq: 8 May 2017 20:37

Tgt Ion: 94 Resp: 23354

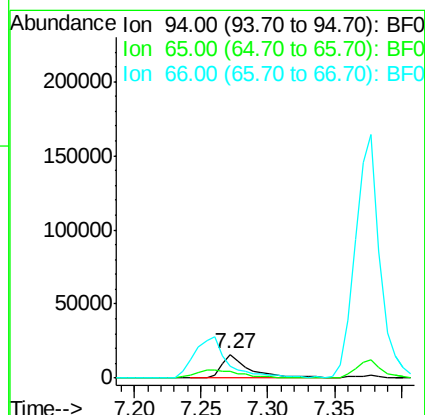
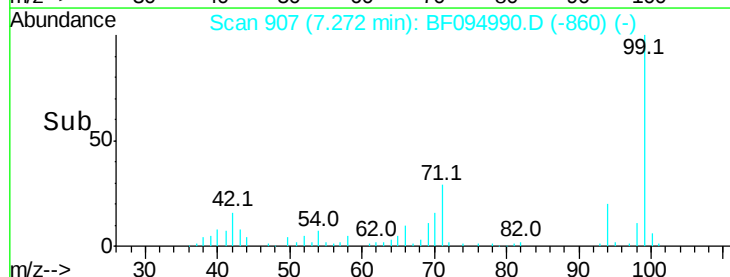
Ion	Ratio	Lower	Upper
94	100		
65	27.4	9.9	49.9
66	52.3	23.1	63.1



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.74 min Scan# 1326

Delta R.T. -0.02 min

Lab File: BF094990.D

Acq: 8 May 2017 20:37

Instrument :

BNA_F

ClientSampleId :

S-1

Tot Ion:136 Resp: 397510

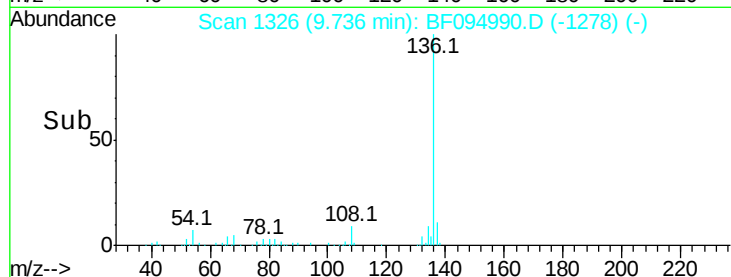
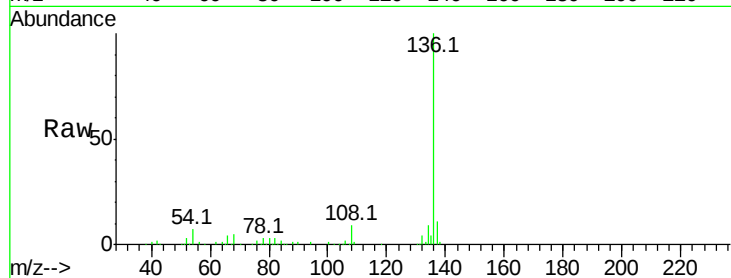
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 6.6 4.9 7.3

68 5.0 4.1 6.1

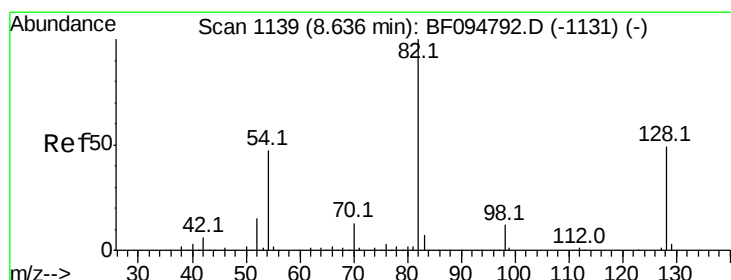
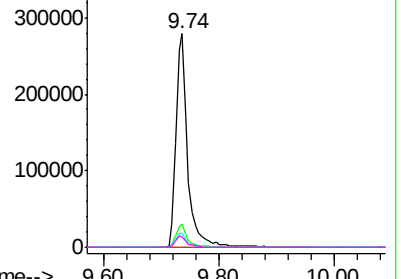


Abundance Ion 136.00 (135.70 to 136.70): E

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: 99.82 ng

RT: 8.61 min Scan# 1135

Delta R.T. -0.02 min

Lab File: BF094990.D

Acq: 8 May 2017 20:37

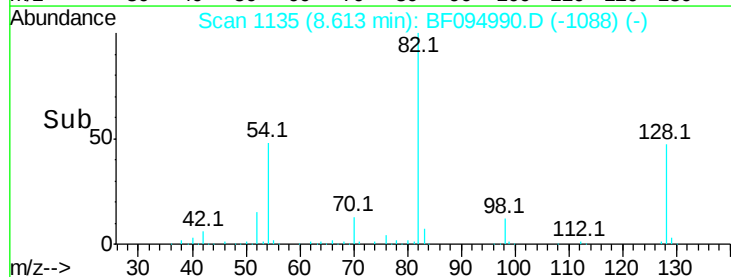
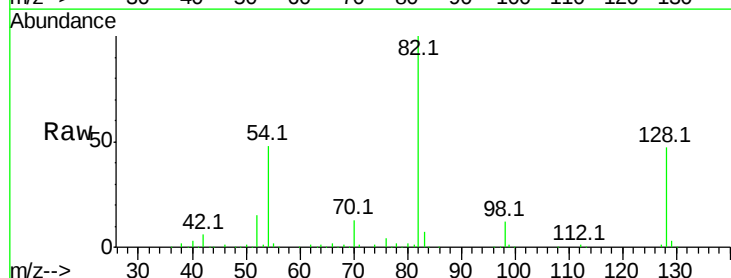
Tgt Ion: 82 Resp: 629250

Ion Ratio Lower Upper

82 100

128 46.9 34.0 51.0

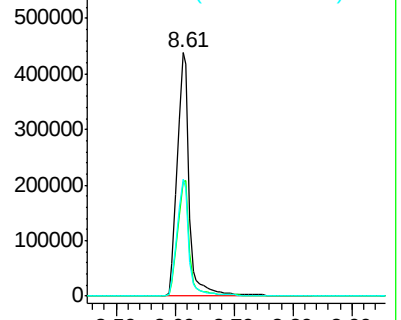
54 47.8 42.2 63.2



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: 12.56 min Scan# 1806

Delta R.T. -0.02 min

Lab File: BF094990.D

Acq: 8 May 2017 20:37

Instrument :

BNA_F

ClientSampleId :

S-1

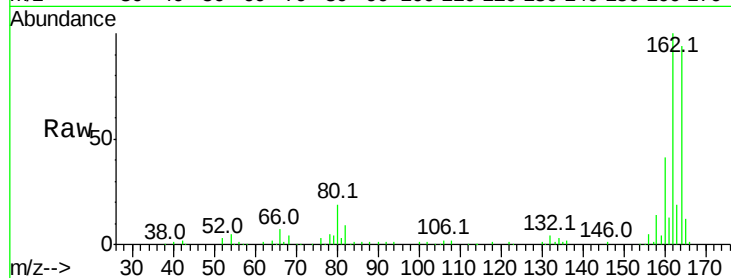
Tot Ion:164 Resp: 181008

Ion Ratio Lower Upper

164 100

162 106.7 82.6 123.8

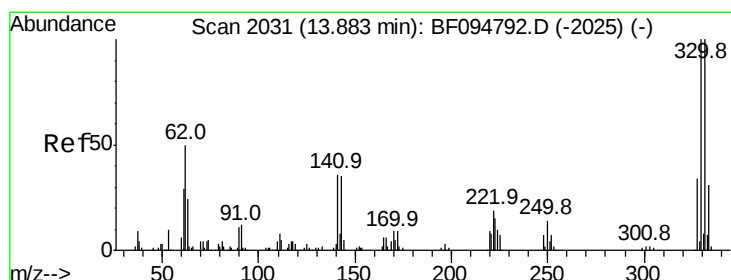
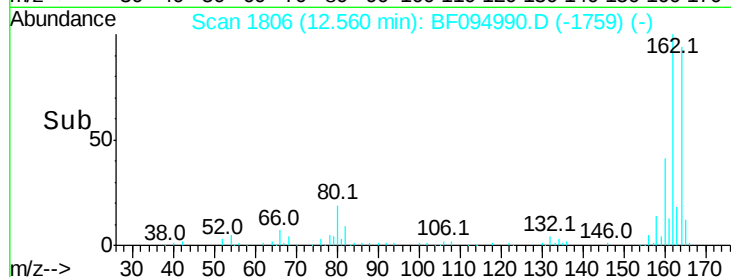
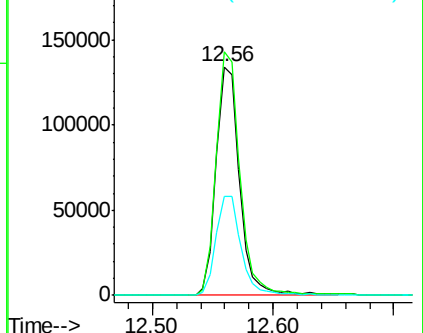
160 43.6 36.2 54.2



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: 152.87 ng

RT: 13.86 min Scan# 2027

Delta R.T. -0.02 min

Lab File: BF094990.D

Acq: 8 May 2017 20:37

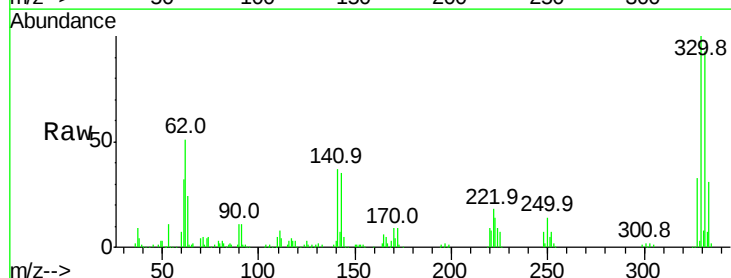
Tgt Ion:330 Resp: 226616

Ion Ratio Lower Upper

330 100

332 95.4 76.6 115.0

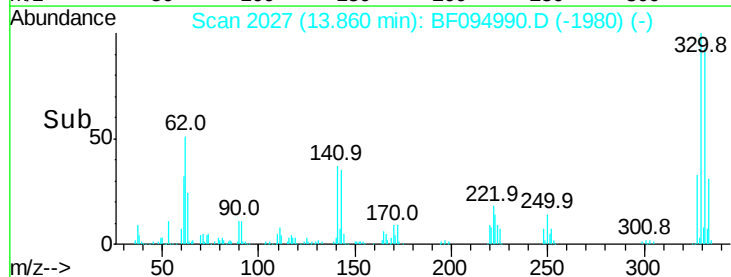
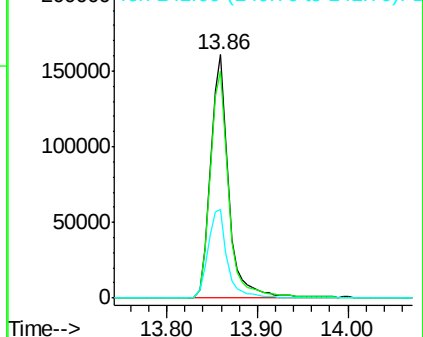
141 38.8 31.4 47.2

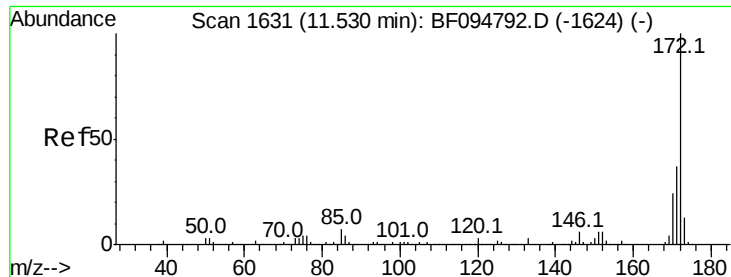


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

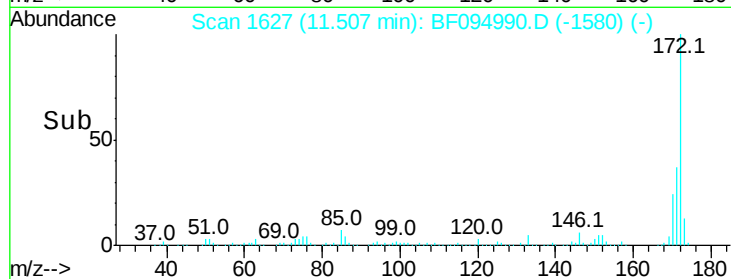
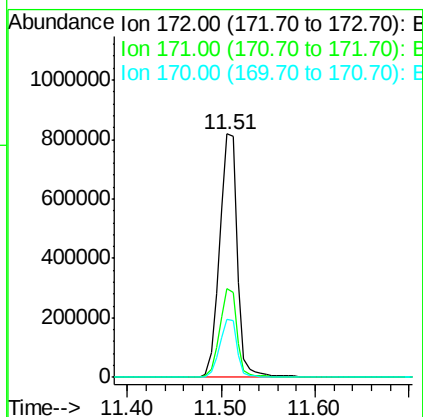
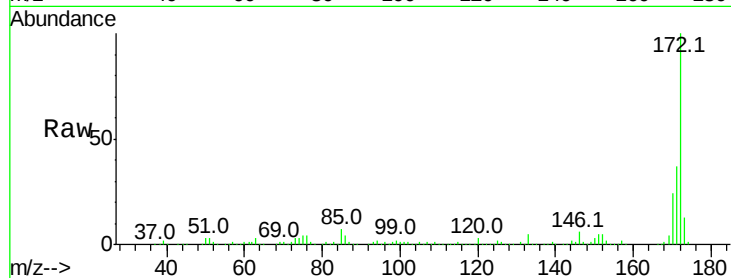




#44
 2-Fluorobiphenyl
 Concen: 86.20 ng
 RT: 11.51 min Scan# 1627
 Delta R.T. -0.02 min
 Lab File: BF094990.D
 Acq: 8 May 2017 20:37

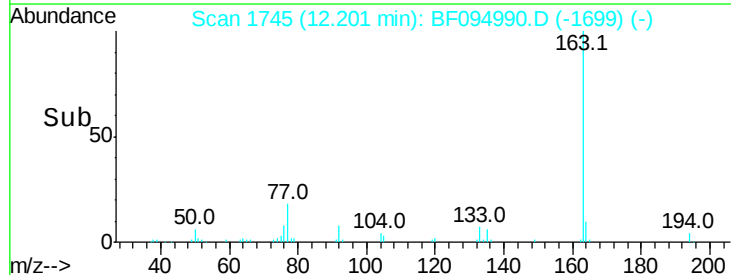
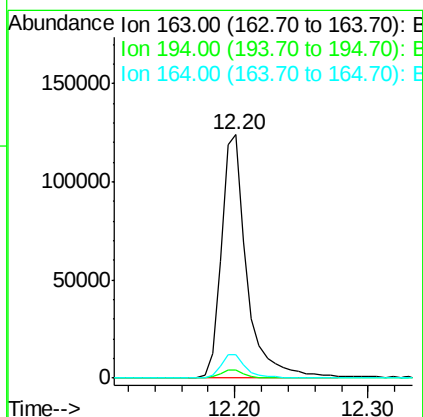
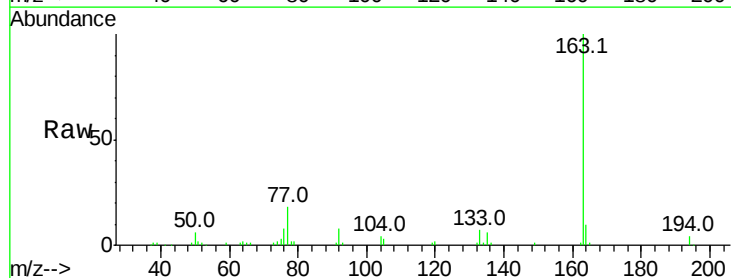
Instrument :
 BNA_F
 ClientSampleId :
 S-1

Tot Ion:172 Resp: 1083974
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.6 44.4
 170 23.7 19.8 29.8



#49
 Dimethylphthalate
 Concen: 11.15 ng
 RT: 12.20 min Scan# 1745
 Delta R.T. -0.03 min
 Lab File: BF094990.D
 Acq: 8 May 2017 20:37

Tgt Ion:163 Resp: 165647
 Ion Ratio Lower Upper
 163 100
 194 3.6 2.6 4.0
 164 9.8 8.4 12.6

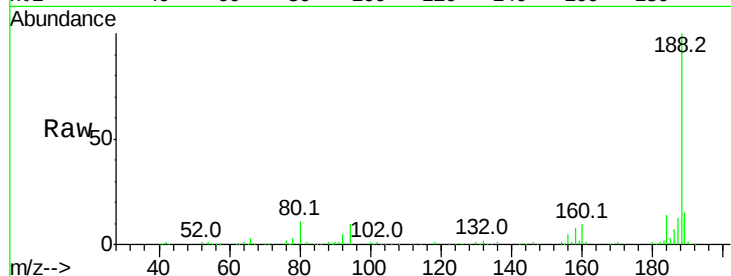




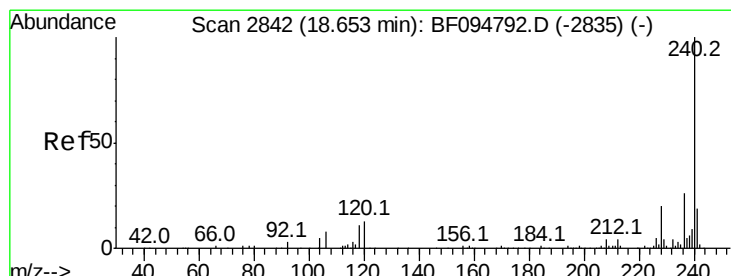
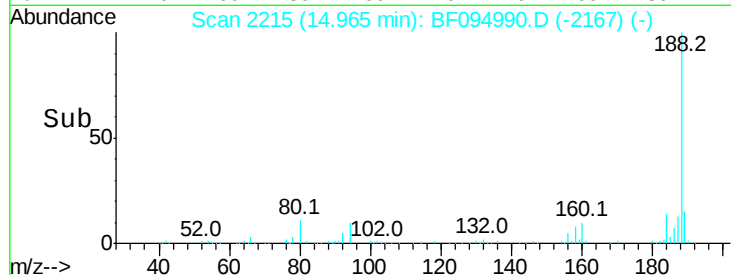
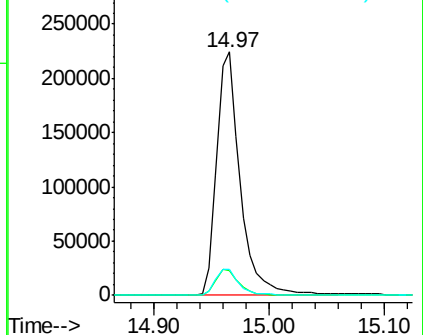
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.97 min Scan# 2215
 Delta R.T. -0.02 min
 Lab File: BF094990.D
 Acq: 8 May 2017 20:37

Instrument :
 BNA_F
 ClientSampleId :
 S-1

Tot Ion:188 Resp: 318231
 Ion Ratio Lower Upper
 188 100
 94 10.3 9.4 14.2
 80 10.6 10.2 15.2

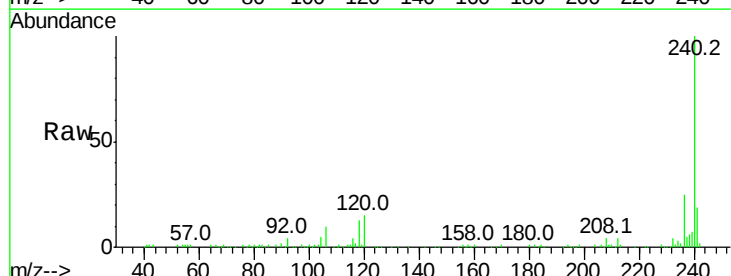


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

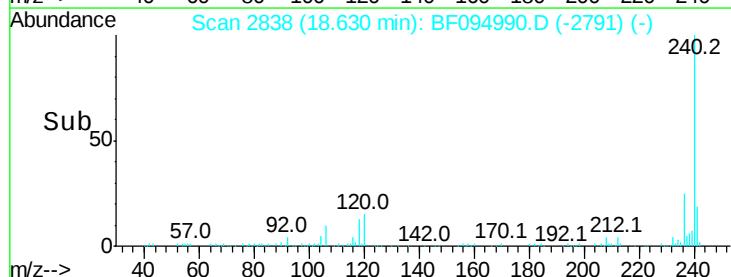
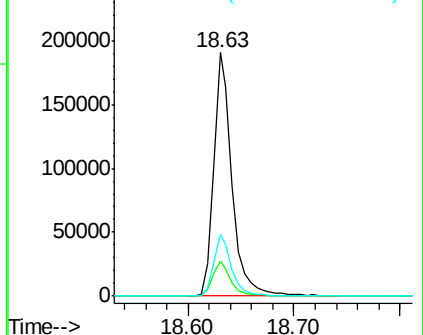


#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.63 min Scan# 2838
 Delta R.T. -0.02 min
 Lab File: BF094990.D
 Acq: 8 May 2017 20:37

Tgt Ion:240 Resp: 233882
 Ion Ratio Lower Upper
 240 100
 120 14.5 5.8 8.8#
 236 25.2 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

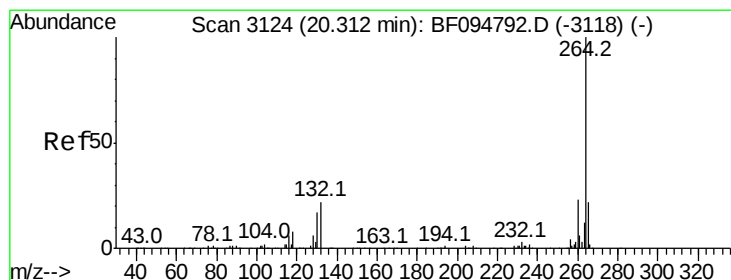
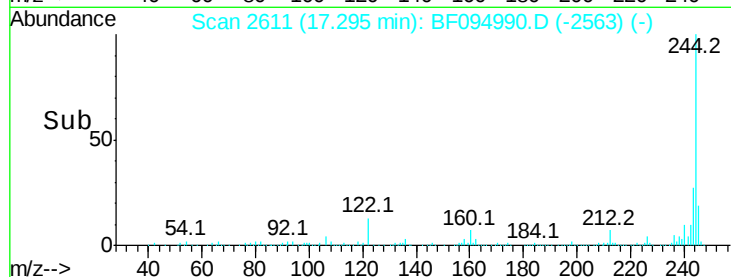
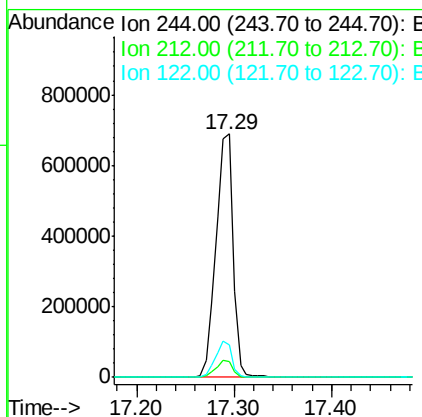
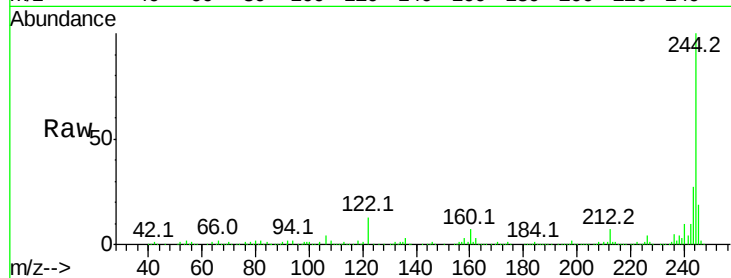




#78
 Terphenyl-d14
 Concen: 79.65 ng
 RT: 17.29 min Scan# 2611
 Delta R.T. -0.02 min
 Lab File: BF094990.D
 Acq: 8 May 2017 20:37

Instrument :
 BNA_F
 ClientSampleId :
 S-1

Tot Ion:244 Resp: 845723
 Ion Ratio Lower Upper
 244 100
 212 6.7 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: BF094990.D
 Acq: 8 May 2017 20:37

Tgt Ion:264 Resp: 193428
 Ion Ratio Lower Upper
 264 100
 260 21.8 19.5 29.3
 265 20.7 17.2 25.8

