

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050817\
 Data File : BF094994.D
 Acq On : 8 May 2017 22:45
 Operator : SJ/MA
 Sample : I2976-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 09 01:51:59 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

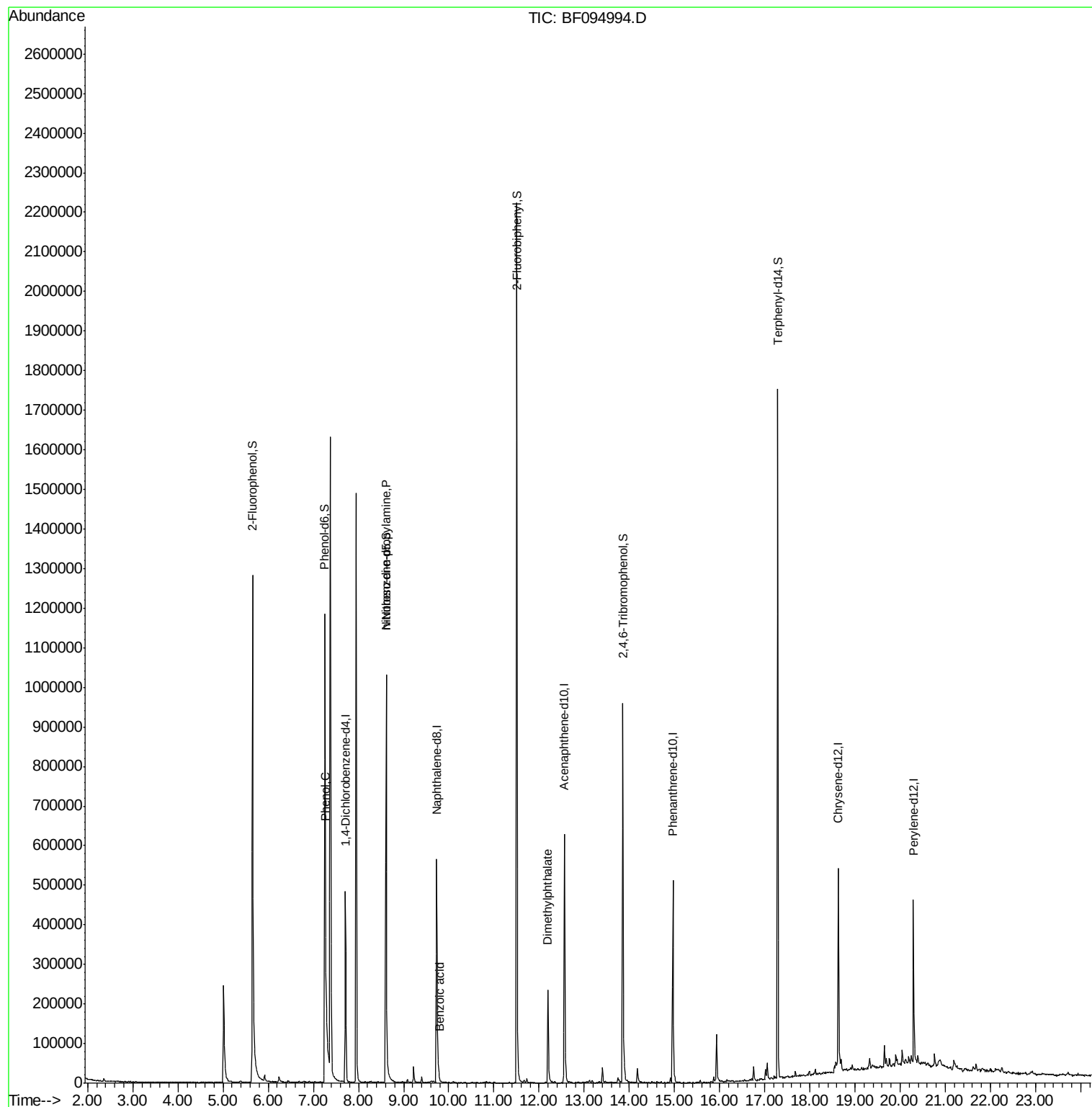
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	97535	20.00	ng	-0.02
21) Naphthalene-d8	9.73	136	402751	20.00	ng	-0.02
38) Acenaphthene-d10	12.56	164	183459	20.00	ng	-0.02
63) Phenanthrene-d10	14.97	188	275837	20.00	ng	-0.02
75) Chrysene-d12	18.63	240	217714	20.00	ng	-0.02
86) Perylene-d12	20.29	264	196063	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	664372	113.56	ng	-0.02
7) Phenol-d6	7.25	99	823443	117.31	ng	-0.02
23) Nitrobenzene-d5	8.61	82	492534	77.12	ng	-0.02
41) 2,4,6-Tribromophenol	13.86	330	166746	110.98	ng	-0.02
44) 2-Fluorobiphenyl	11.51	172	973863	76.41	ng	-0.02
78) Terphenyl-d14	17.29	244	637200	64.46	ng	-0.02
Target Compounds						
10) Phenol	7.27	94	15721	2.13	ng	# 10
19) n-Nitroso-di-n-propylamine	8.61	70	63558	13.39	ng	# 76
32) Benzoic acid	9.80	122	142	5.12	ng	94
49) Dimethylphthalate	12.20	163	158497	10.52	ng	98

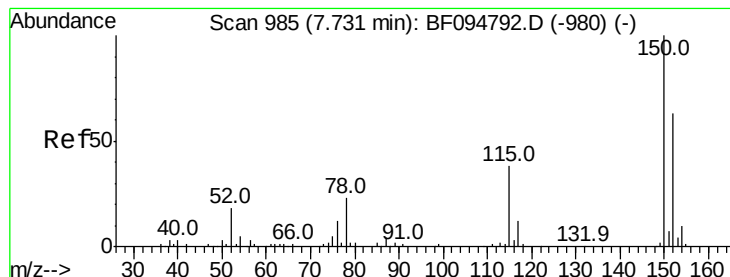
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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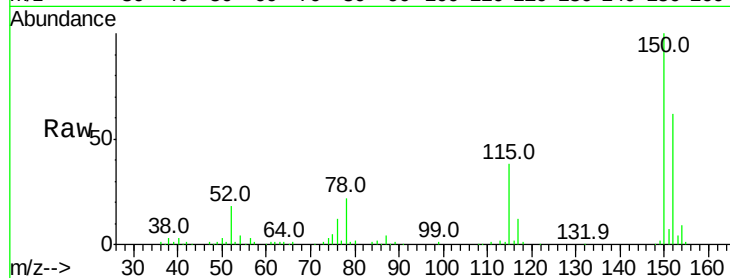


#1

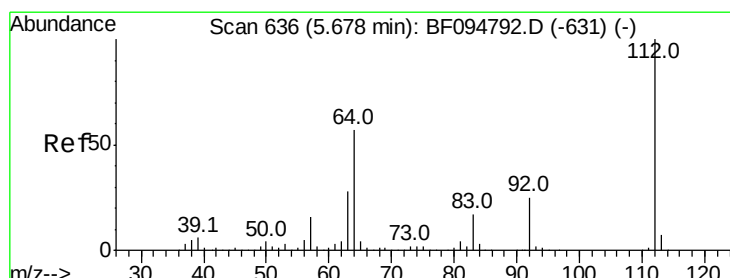
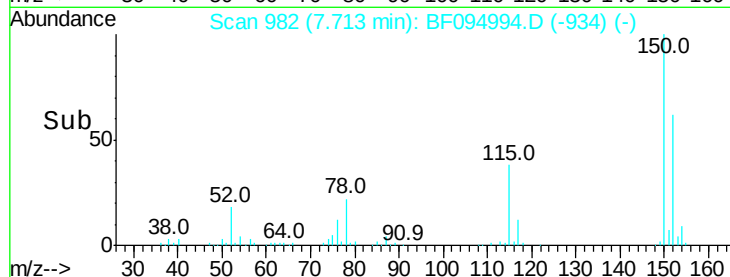
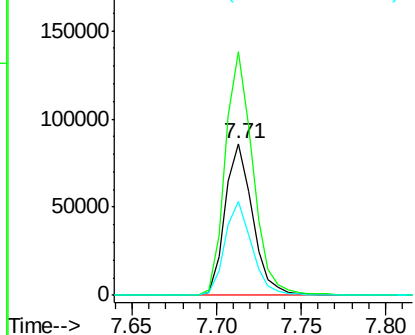
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.71 min Scan# 982
Delta R.T. -0.02 min
Lab File: BF094994.D
Acq: 8 May 2017 22:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 97535
Ion Ratio Lower Upper
152 100
150 160.2 126.2 189.2
115 61.5 52.2 78.2



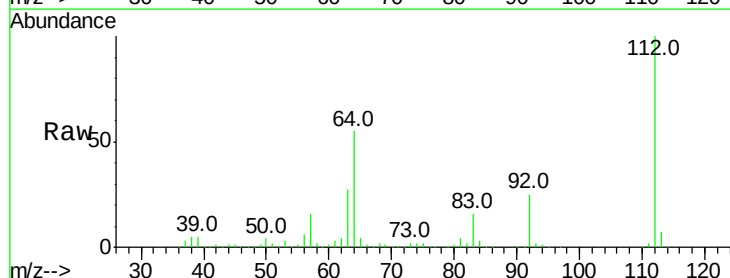
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



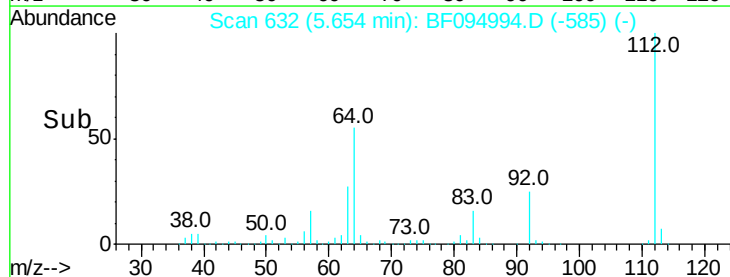
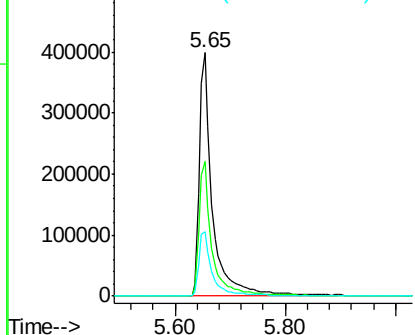
#5

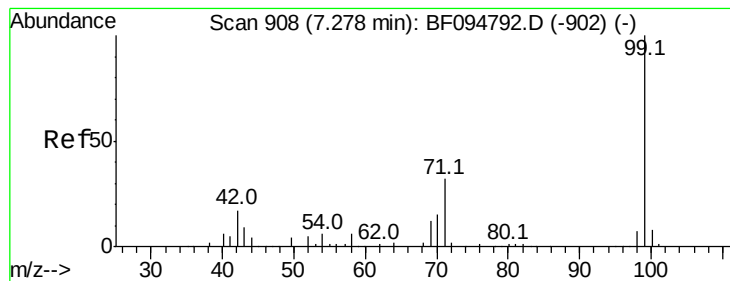
2-Fluorophenol
Concen: 113.56 ng
RT: 5.65 min Scan# 632
Delta R.T. -0.02 min
Lab File: BF094994.D
Acq: 8 May 2017 22:45

Tgt Ion:112 Resp: 664372
Ion Ratio Lower Upper
112 100
64 55.2 46.0 69.0
63 26.7 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: 117.31 ng

RT: 7.25 min Scan# 904

Delta R.T. -0.02 min

Lab File: BF094994.D

Acq: 8 May 2017 22:45

Instrument :

BNA_F

ClientSampleId :

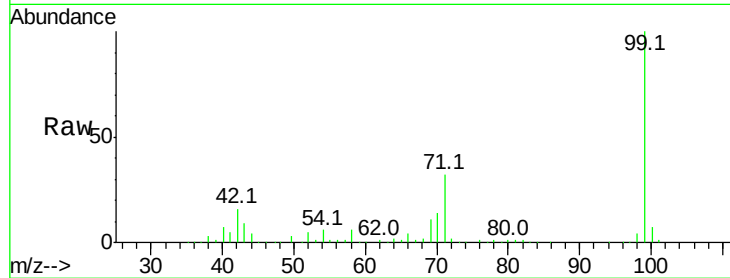
Tot Ion: 99 Resp: 823443

Ion Ratio Lower Upper

99 100

42 16.0 13.5 20.3

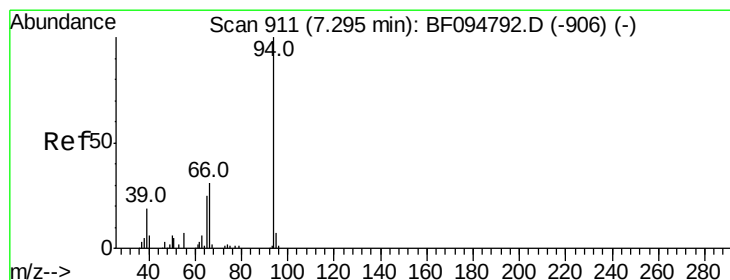
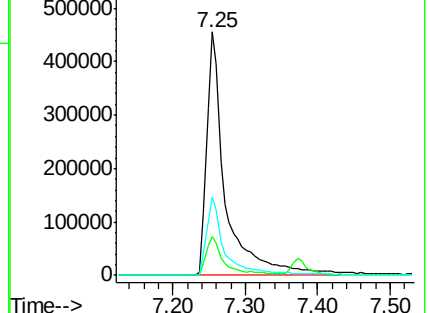
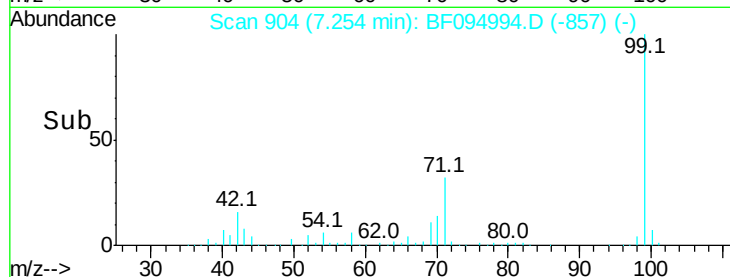
71 32.2 24.5 36.7



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: 2.13 ng

RT: 7.27 min Scan# 907

Delta R.T. -0.02 min

Lab File: BF094994.D

Acq: 8 May 2017 22:45

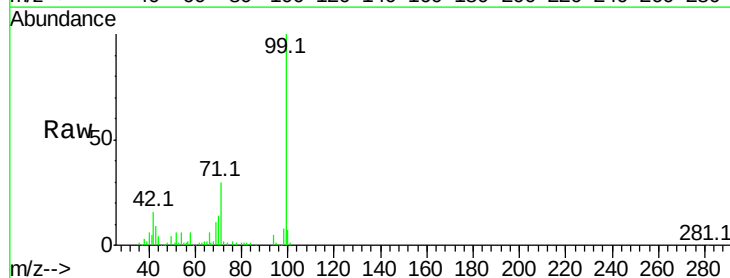
Tgt Ion: 94 Resp: 15721

Ion Ratio Lower Upper

94 100

65 47.0 9.9 49.9

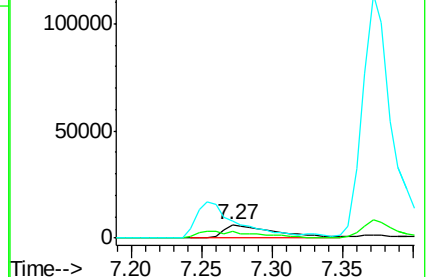
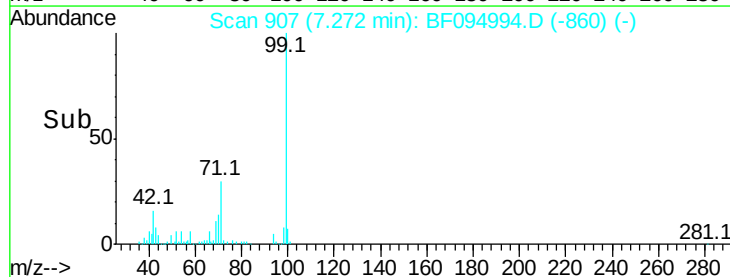
66 126.4 23.1 63.1#

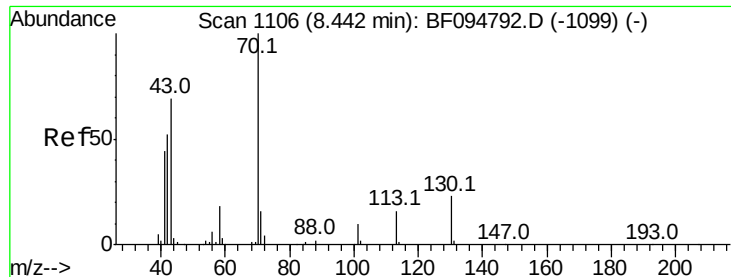


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

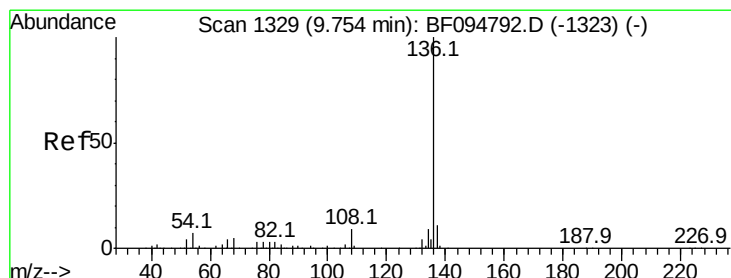
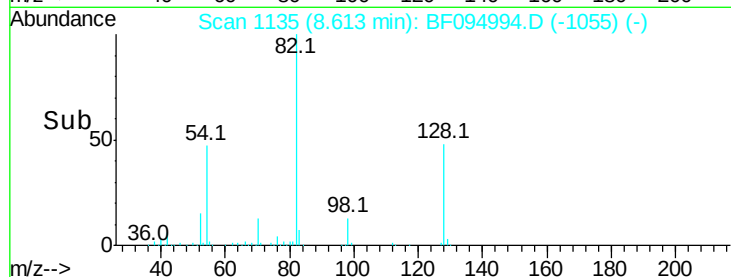
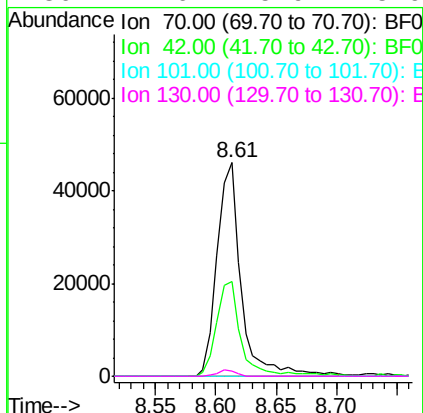
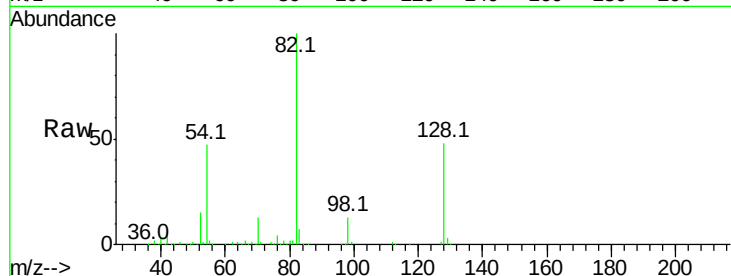




#19
n-Nitroso-di-n-propylamine
Concen: 13.39 ng
RT: 8.61 min Scan# 1135
Delta R.T. 0.17 min
Lab File: BF094994.D
Acq: 8 May 2017 22:45

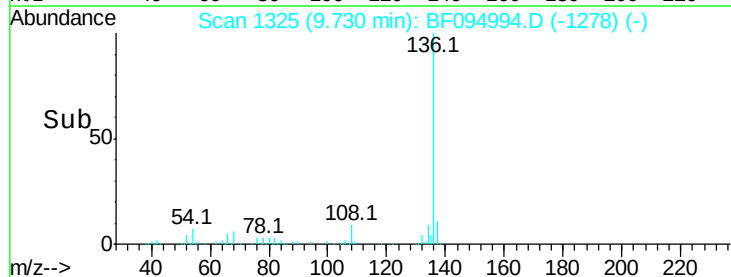
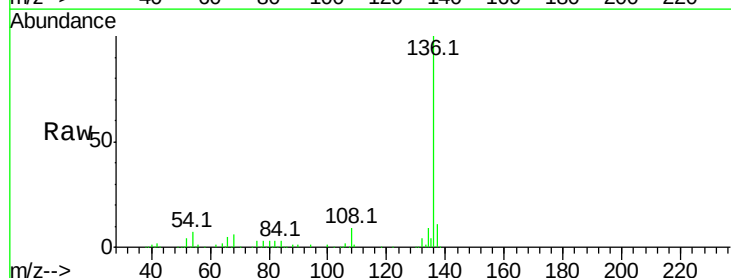
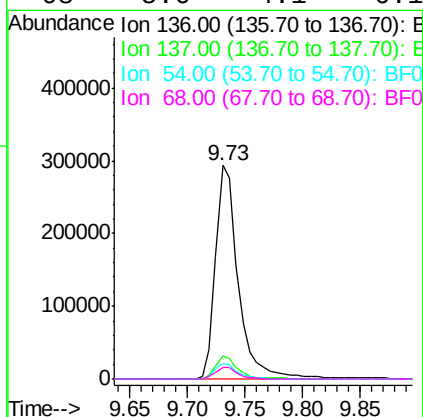
Instrument :
BNA_F
ClientSampleId :

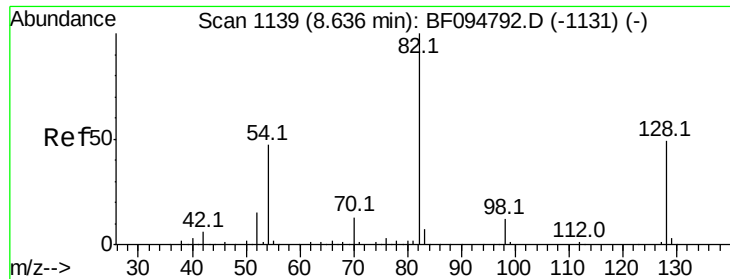
Tot Ion: 70 Resp: 63558
Ion Ratio Lower Upper
70 100
42 44.7 47.2 70.8#
101 0.0 7.2 10.8#
130 2.6 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.73 min Scan# 1325
Delta R.T. -0.02 min
Lab File: BF094994.D
Acq: 8 May 2017 22:45

Tgt Ion: 136 Resp: 402751
Ion Ratio Lower Upper
136 100
137 11.0 8.5 12.7
54 7.3 4.9 7.3#
68 5.6 4.1 6.1

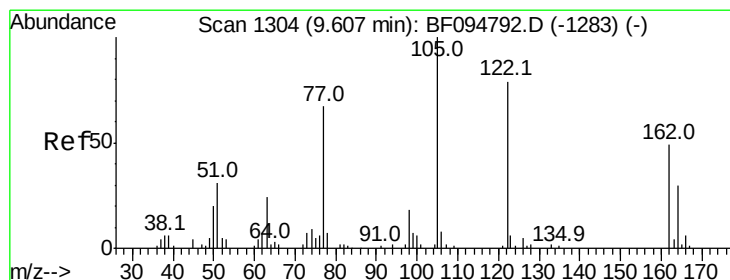
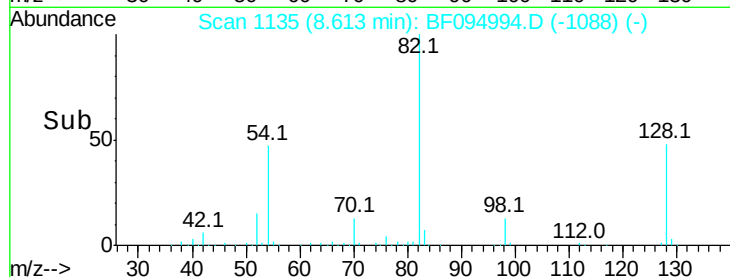
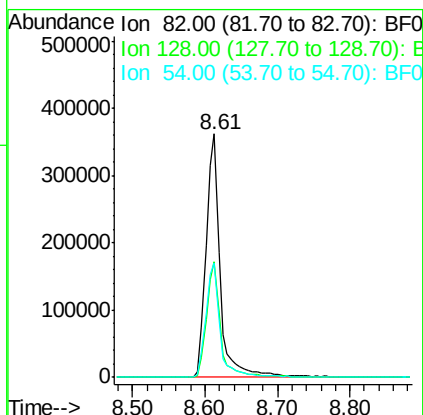
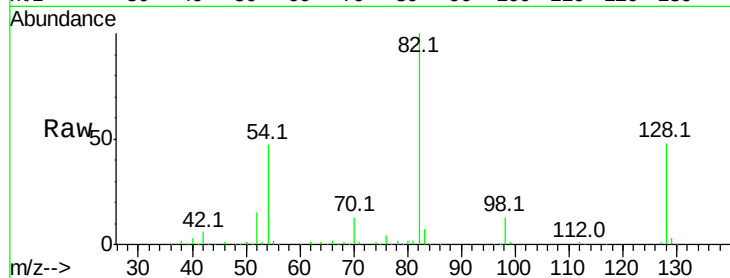




#23
 Nitrobenzene-d5
 Concen: 77.12 ng
 RT: 8.61 min Scan# 1135
 Delta R.T. -0.02 min
 Lab File: BF094994.D
 Acq: 8 May 2017 22:45

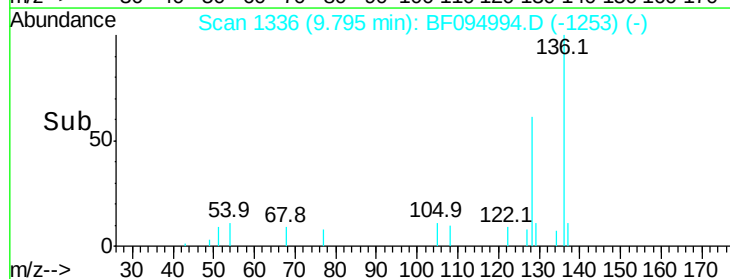
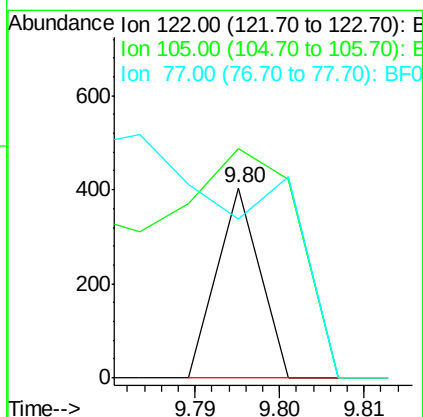
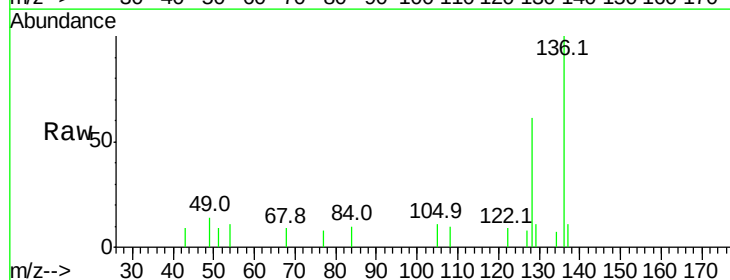
Instrument :
 BNA_F
 ClientSampled :

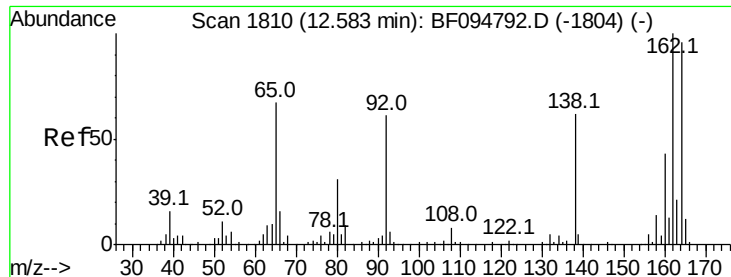
Tot Ion: 82 Resp: 492534
 Ion Ratio Lower Upper
 82 100
 128 47.6 34.0 51.0
 54 47.2 42.2 63.2



#32
 Benzoic acid
 Concen: 5.12 ng
 RT: 9.80 min Scan# 1336
 Delta R.T. 0.19 min
 Lab File: BF094994.D
 Acq: 8 May 2017 22:45

Tgt Ion:122 Resp: 142
 Ion Ratio Lower Upper
 122 100
 105 120.8 103.3 143.3
 77 83.6 73.7 113.7





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.56 min Scan# 1806

Delta R.T. -0.02 min

Lab File: BF094994.D

Acq: 8 May 2017 22:45

Instrument :

BNA_F

ClientSampleId :

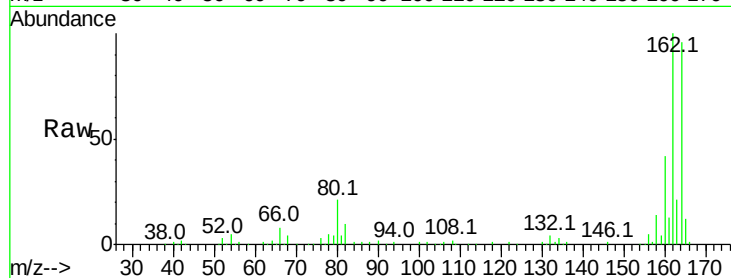
Tot Ion:164 Resp: 183459

Ion Ratio Lower Upper

164 100

162 104.3 82.6 123.8

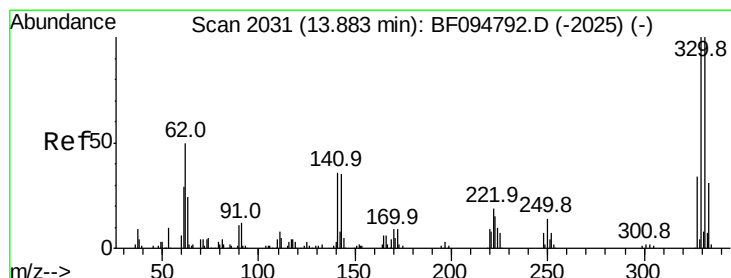
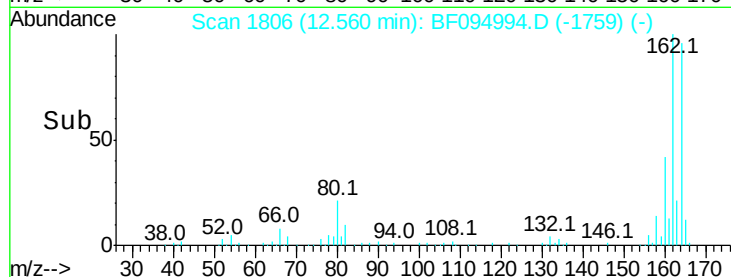
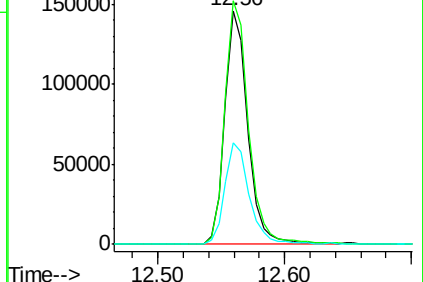
160 43.6 36.2 54.2



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: 110.98 ng

RT: 13.86 min Scan# 2027

Delta R.T. -0.02 min

Lab File: BF094994.D

Acq: 8 May 2017 22:45

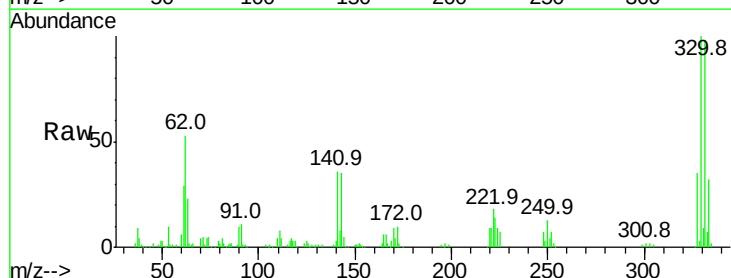
Tgt Ion:330 Resp: 166746

Ion Ratio Lower Upper

330 100

332 97.3 76.6 115.0

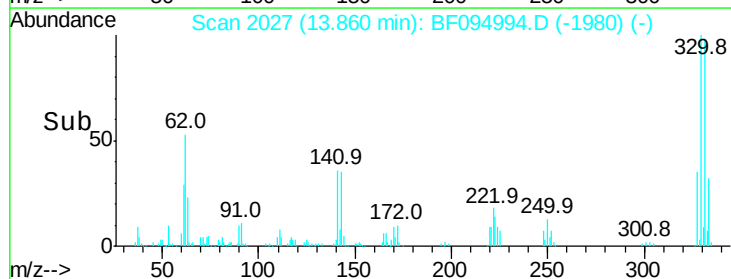
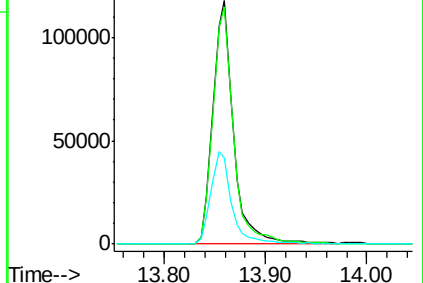
141 38.9 31.4 47.2

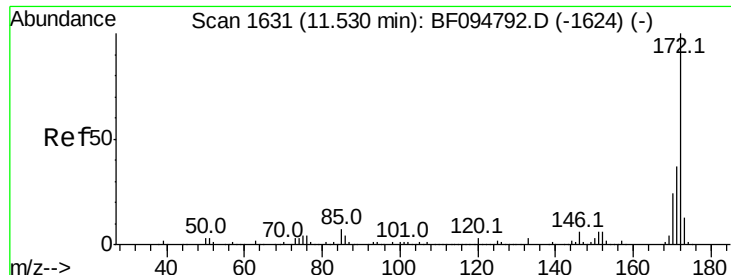


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

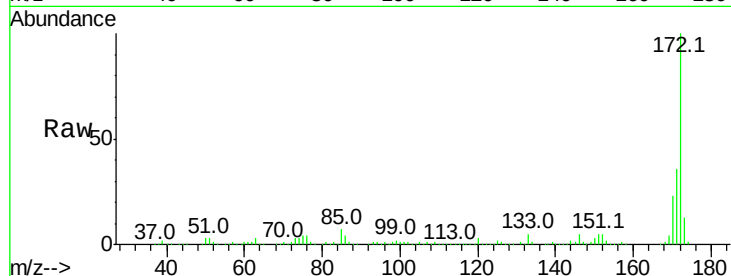




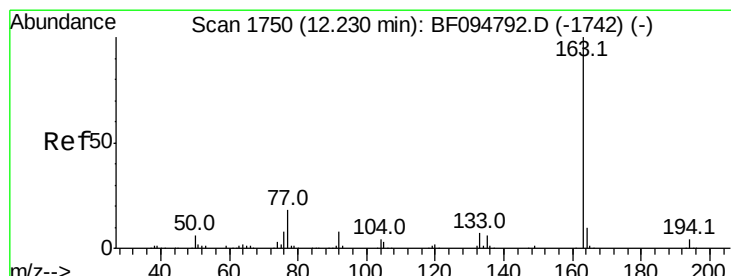
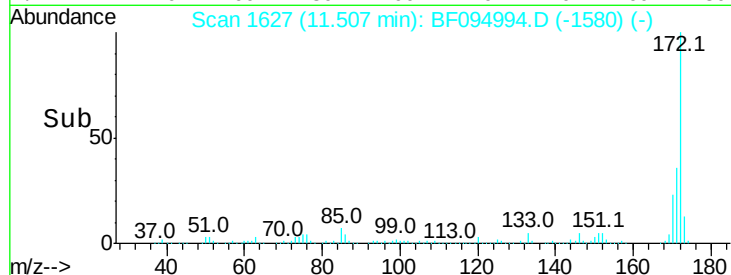
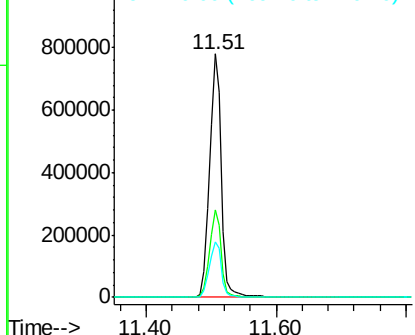
#44
2-Fluorobiphenyl
Concen: 76.41 ng
RT: 11.51 min Scan# 1627
Delta R.T. -0.02 min
Lab File: BF094994.D
Acq: 8 May 2017 22:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 973863
Ion Ratio Lower Upper
172 100
171 35.9 29.6 44.4
170 23.0 19.8 29.8

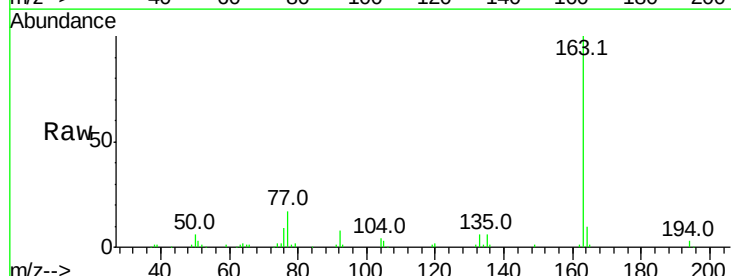


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

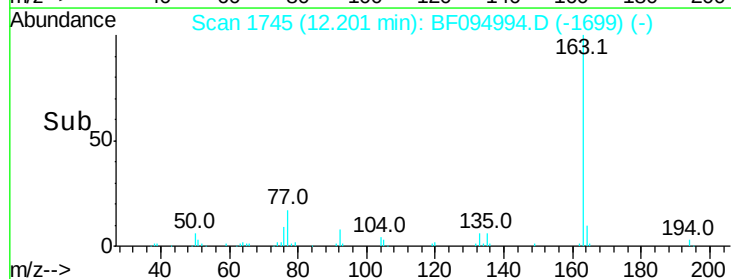
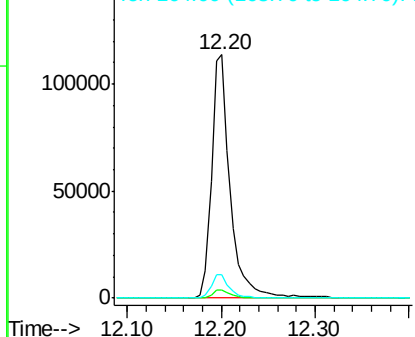


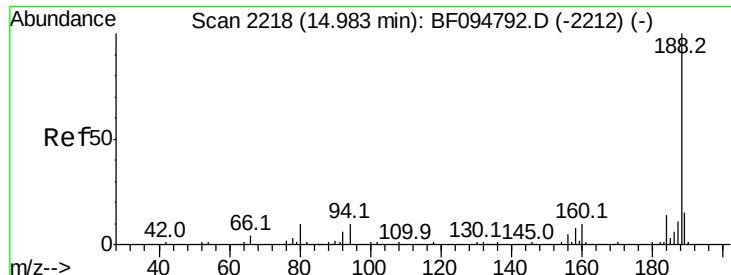
#49
Dimethylphthalate
Concen: 10.52 ng
RT: 12.20 min Scan# 1745
Delta R.T. -0.03 min
Lab File: BF094994.D
Acq: 8 May 2017 22:45

Tgt Ion:163 Resp: 158497
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 9.7 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

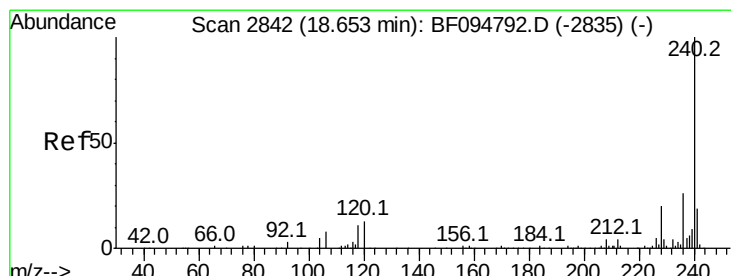
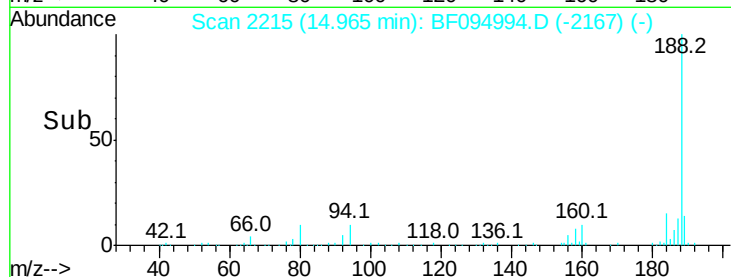
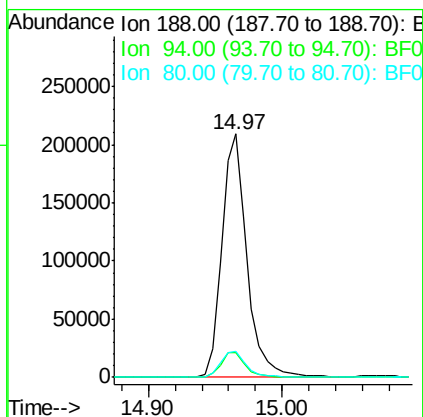
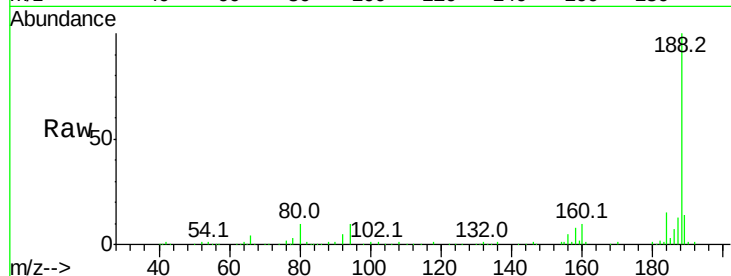




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.97 min Scan# 2215
 Delta R.T. -0.02 min
 Lab File: BF094994.D
 Acq: 8 May 2017 22:45

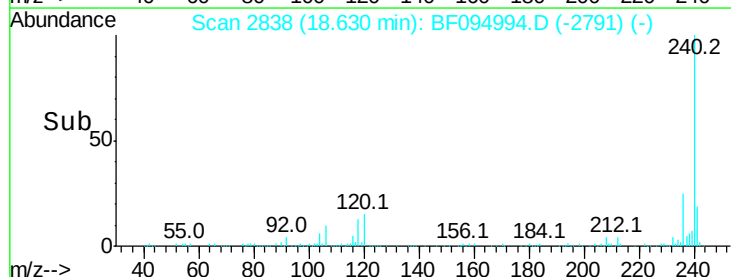
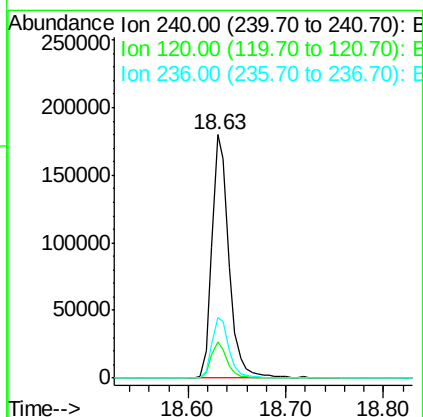
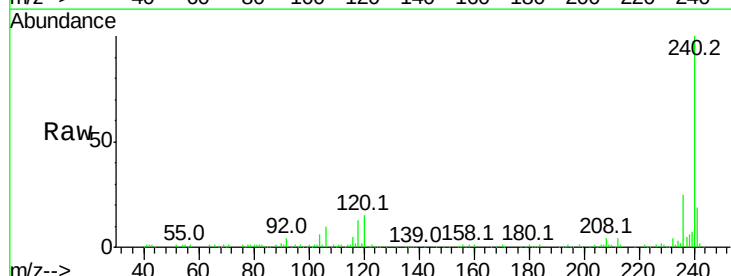
Instrument :
 BNA_F
 ClientSampled :

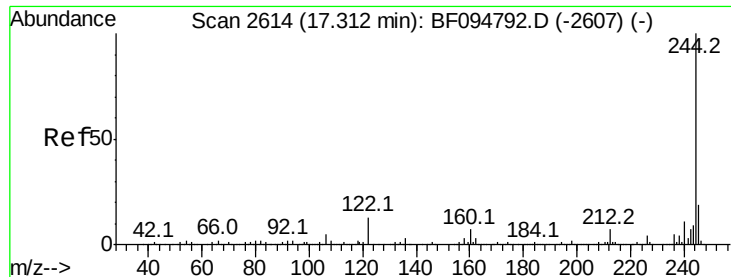
Tot Ion	Ratio	Lower	Upper
188	100		
94	10.0	9.4	14.2
80	10.5	10.2	15.2



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.63 min Scan# 2838
 Delta R.T. -0.02 min
 Lab File: BF094994.D
 Acq: 8 May 2017 22:45

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.7	5.8	8.8#
236	24.7	20.5	30.7

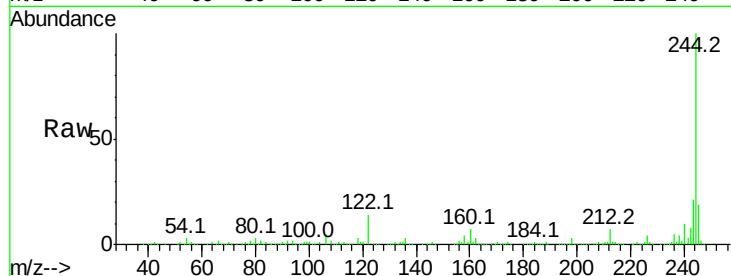




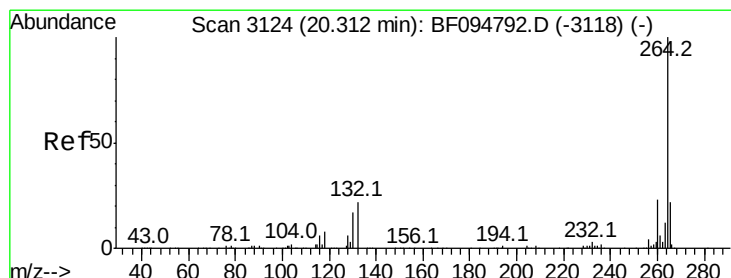
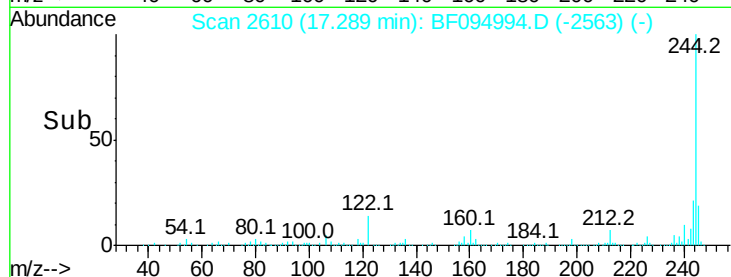
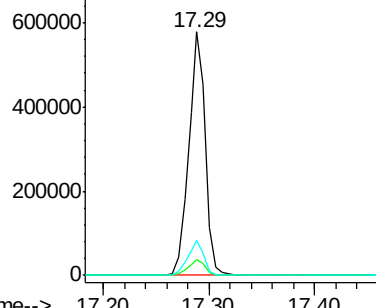
#78
 Terphenyl-d14
 Concen: 64.46 ng
 RT: 17.29 min Scan# 2610
 Delta R.T. -0.02 min
 Lab File: BF094994.D
 Acq: 8 May 2017 22:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 637200
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.0 9.0
 122 14.4 10.3 15.5

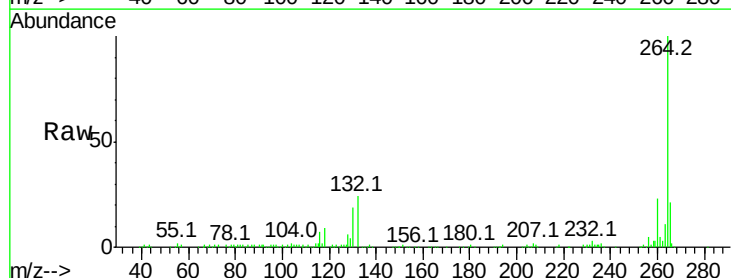


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.29 min Scan# 3121
 Delta R.T. -0.02 min
 Lab File: BF094994.D
 Acq: 8 May 2017 22:45

Tgt Ion:264 Resp: 196063
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.5 29.3
 265 20.9 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

