

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050517\
 Data File : BF094938.D
 Acq On : 6 May 2017 2:37
 Operator : SJ/MA
 Sample : I2950-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 06 03:53:01 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

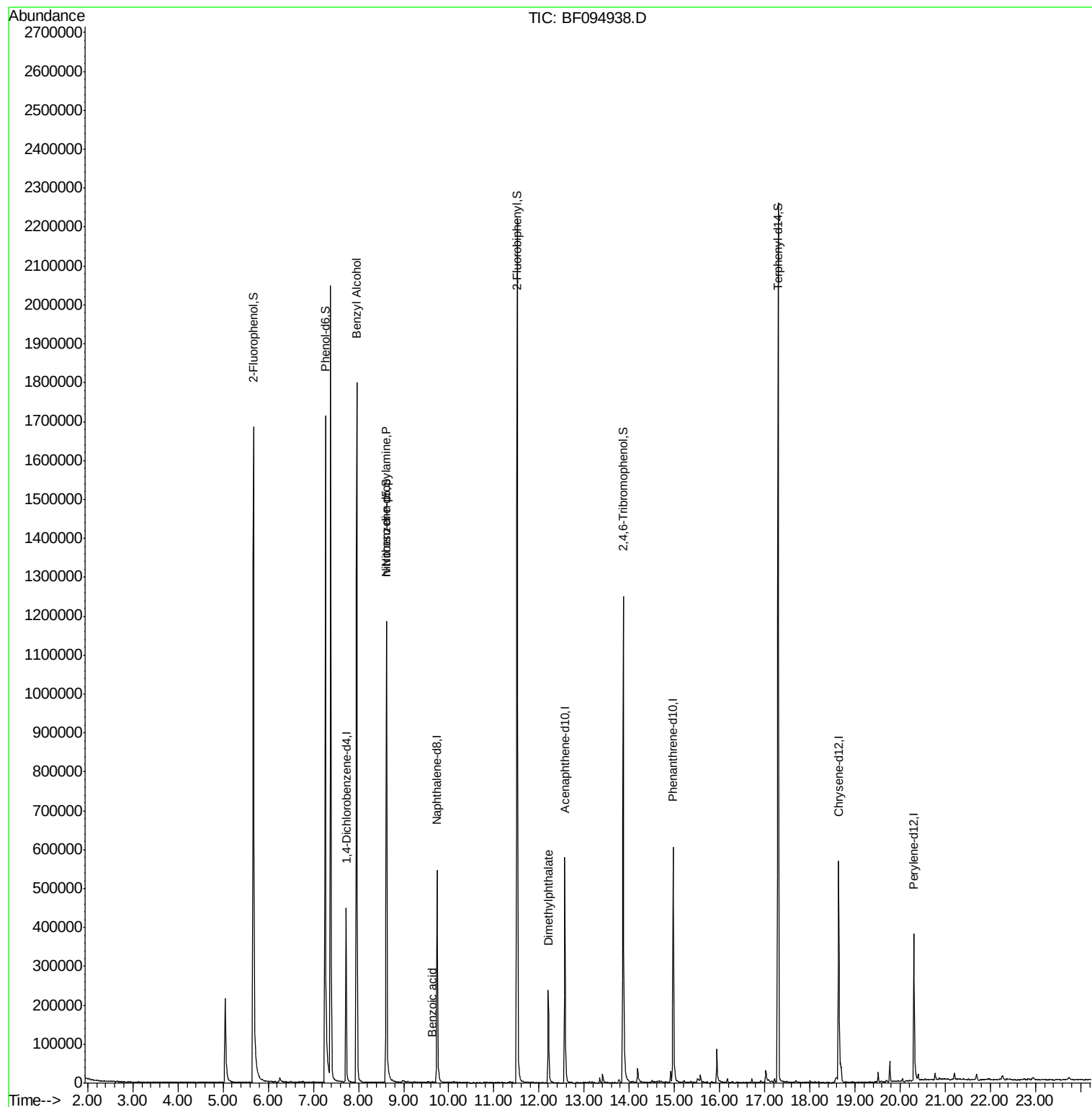
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	95963	20.00	ng	0.00
21) Naphthalene-d8	9.74	136	398906	20.00	ng	-0.01
38) Acenaphthene-d10	12.57	164	176134	20.00	ng	-0.01
63) Phenanthrene-d10	14.97	188	345626	20.00	ng	-0.01
75) Chrysene-d12	18.64	240	286925	20.00	ng	-0.02
86) Perylene-d12	20.31	264	204678	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	808411	140.45	ng	0.00
7) Phenol-d6	7.27	99	938990	135.96	ng	-0.01
23) Nitrobenzene-d5	8.62	82	577956	91.36	ng	-0.02
41) 2,4,6-Tribromophenol	13.87	330	221508	153.56	ng	-0.02
44) 2-Fluorobiphenyl	11.52	172	1052864	86.04	ng	-0.01
78) Terphenyl-d14	17.30	244	879924	67.55	ng	-0.01
Target Compounds						Qvalue
15) Benzyl Alcohol	7.96	79	9106	2.05	ng	# 45
19) n-Nitroso-di-n-propylamine	8.62	70	73925	15.83	ng	# 78
32) Benzoic acid	9.64	122	255	5.14	ng	# 88
49) Dimethylphthalate	12.21	163	159094	11.00	ng	98

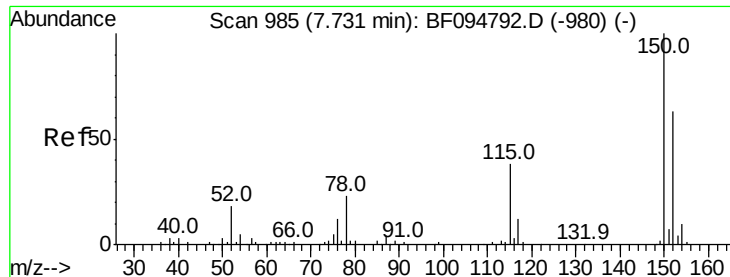
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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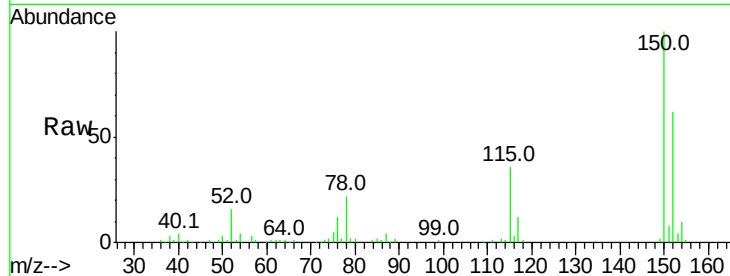


#1

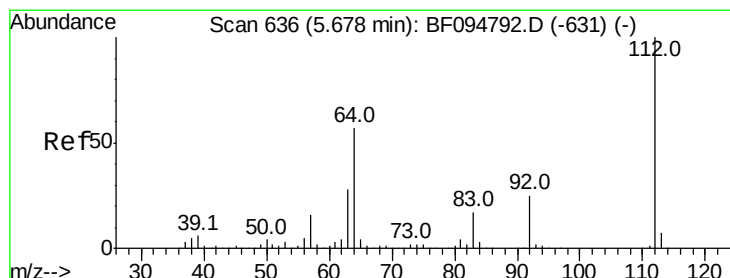
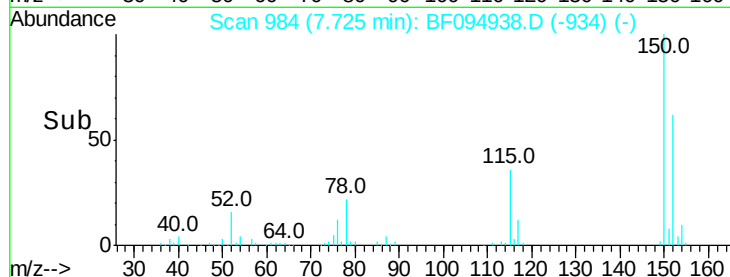
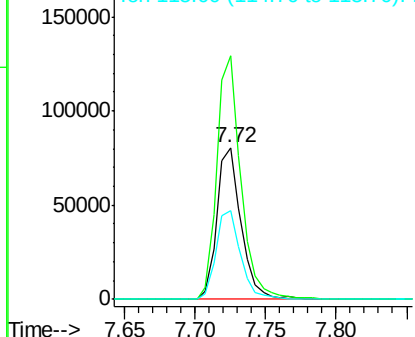
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF094938.D
Acq: 6 May 2017 2:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 95963
Ion Ratio Lower Upper
152 100
150 160.3 126.2 189.2
115 58.3 52.2 78.2



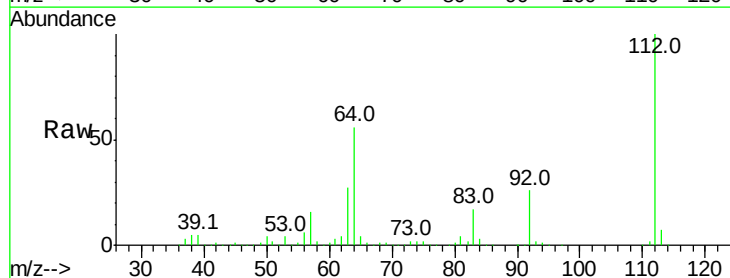
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



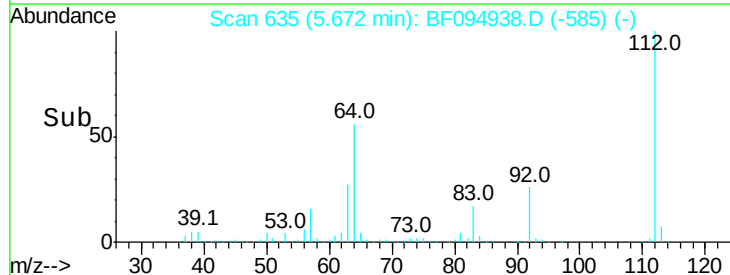
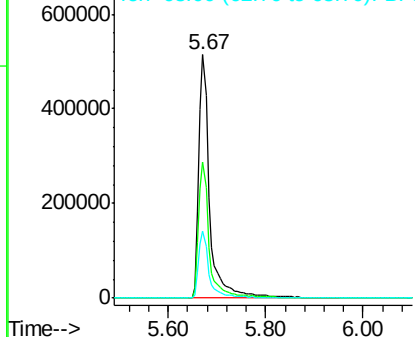
#5

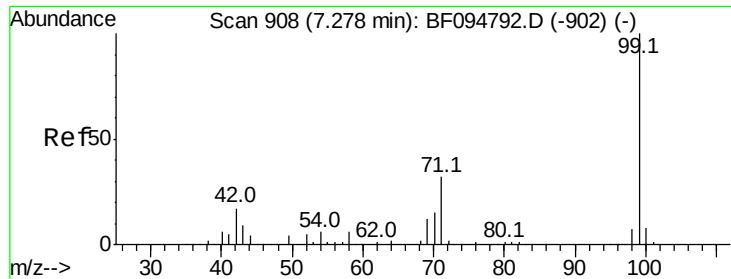
2-Fluorophenol
Concen: 140.45 ng
RT: 5.67 min Scan# 635
Delta R.T. -0.01 min
Lab File: BF094938.D
Acq: 6 May 2017 2:37

Tgt Ion:112 Resp: 808411
Ion Ratio Lower Upper
112 100
64 55.8 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: 135.96 ng

RT: 7.27 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF094938.D

Acq: 6 May 2017 2:37

Instrument :

BNA_F

ClientSampleId :

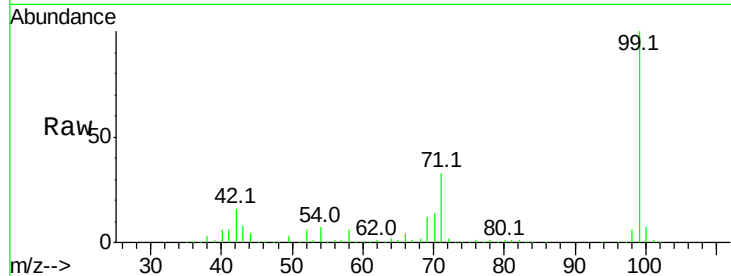
Tot Ion: 99 Resp: 938990

Ion Ratio Lower Upper

99 100

42 16.4 13.5 20.3

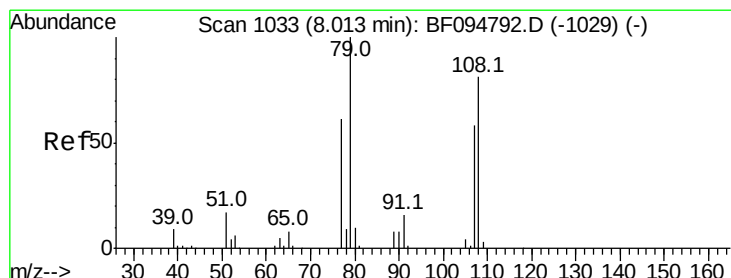
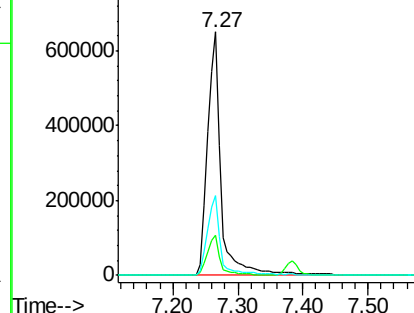
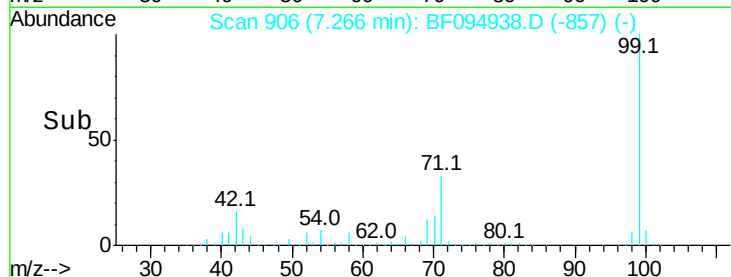
71 33.0 24.5 36.7



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



#15

Benzyl Alcohol

Concen: 2.05 ng

RT: 7.96 min Scan# 1024

Delta R.T. -0.05 min

Lab File: BF094938.D

Acq: 6 May 2017 2:37

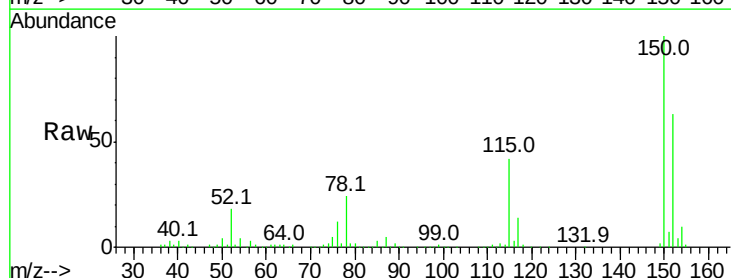
Tgt Ion: 79 Resp: 9106

Ion Ratio Lower Upper

79 100

108 30.8 63.4 95.0#

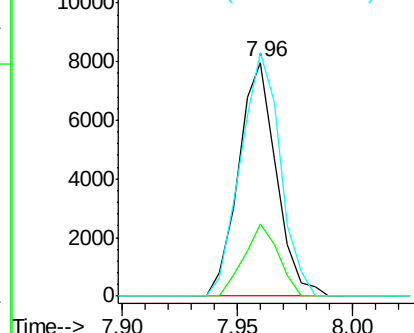
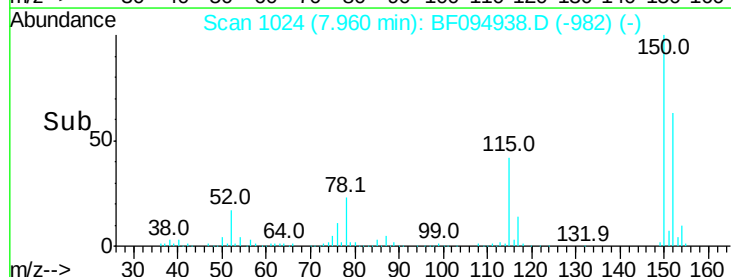
77 104.1 49.2 73.8#

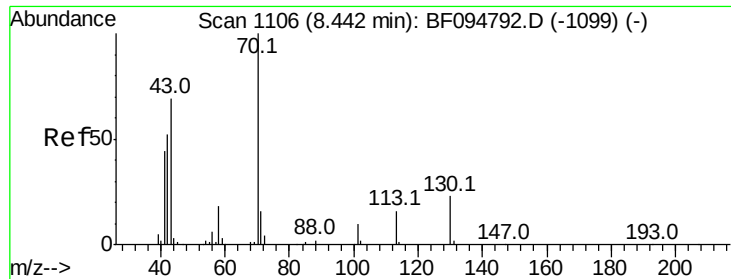


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

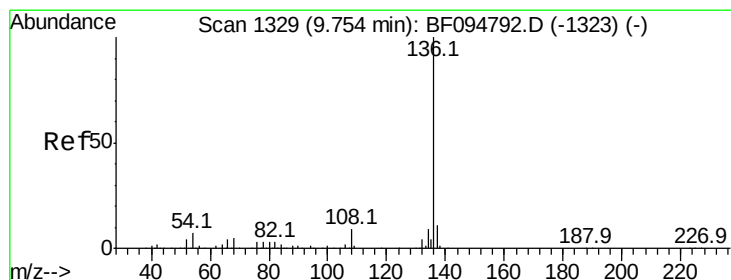
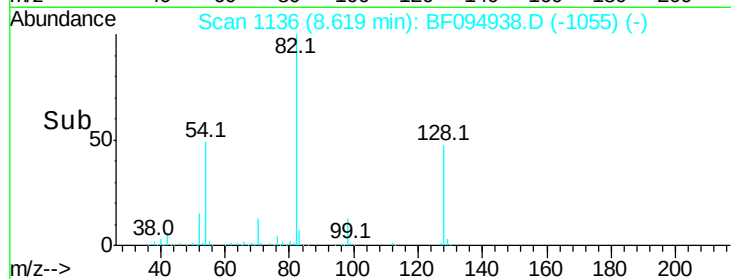
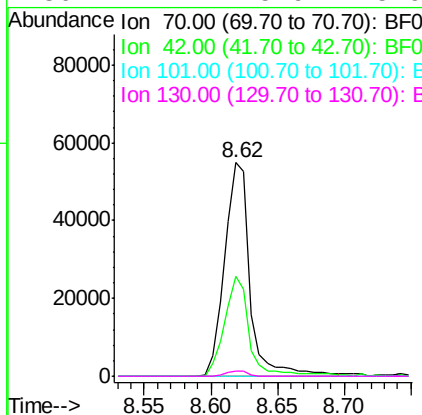
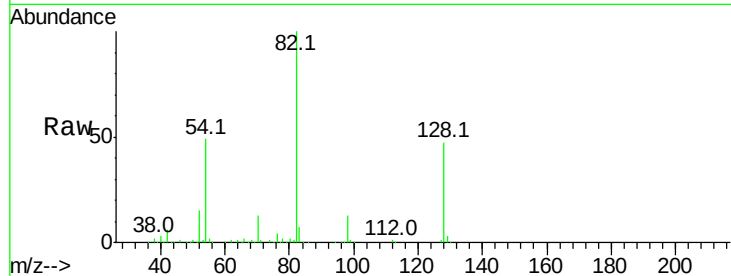




#19
n-Nitroso-di-n-propylamine
Concen: 15.83 ng
RT: 8.62 min Scan# 1136
Delta R.T. 0.18 min
Lab File: BF094938.D
Acq: 6 May 2017 2:37

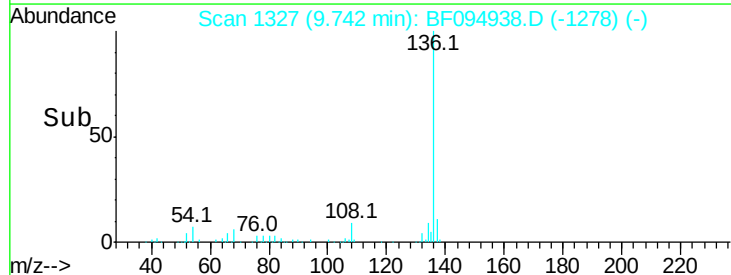
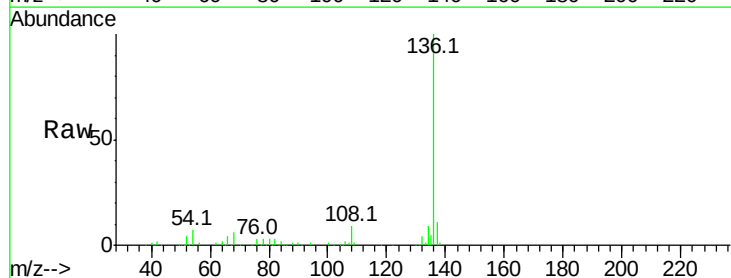
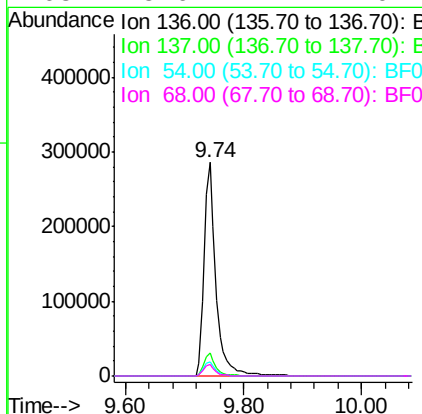
Instrument :
BNA_F
ClientSampleId :

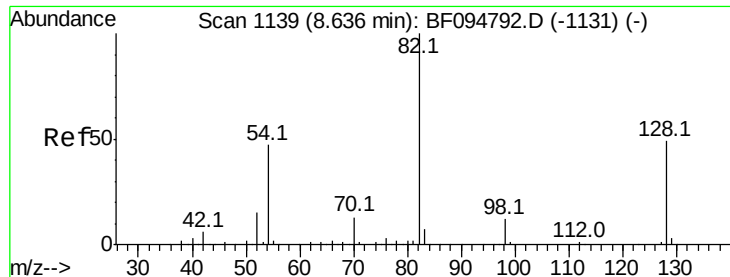
Tot Ion: 70 Resp: 73925
Ion Ratio Lower Upper
70 100
42 47.0 47.2 70.8#
101 0.0 7.2 10.8#
130 2.4 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.74 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF094938.D
Acq: 6 May 2017 2:37

Tgt Ion: 136 Resp: 398906
Ion Ratio Lower Upper
136 100
137 10.9 8.5 12.7
54 6.9 4.9 7.3
68 5.6 4.1 6.1

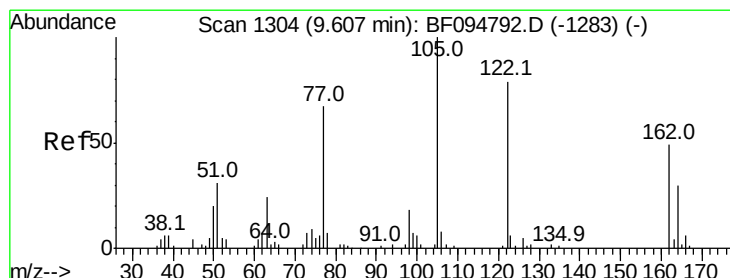
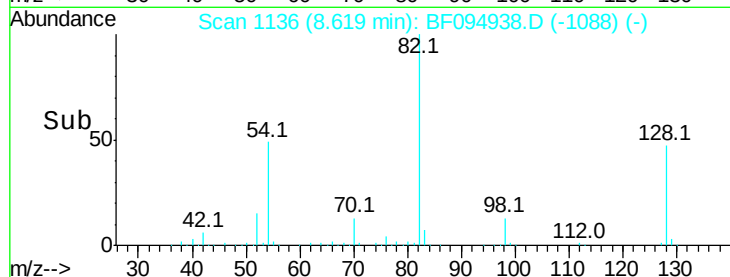
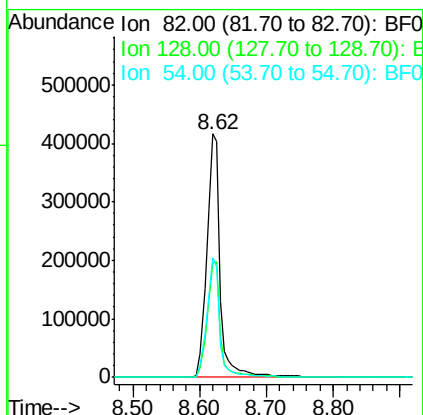
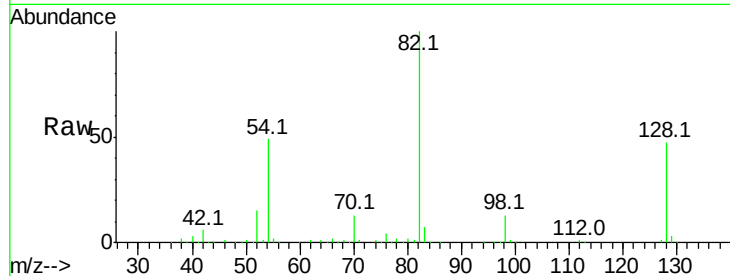




#23
 Nitrobenzene-d5
 Concen: 91.36 ng
 RT: 8.62 min Scan# 1136
 Delta R.T. -0.02 min
 Lab File: BF094938.D
 Acq: 6 May 2017 2:37

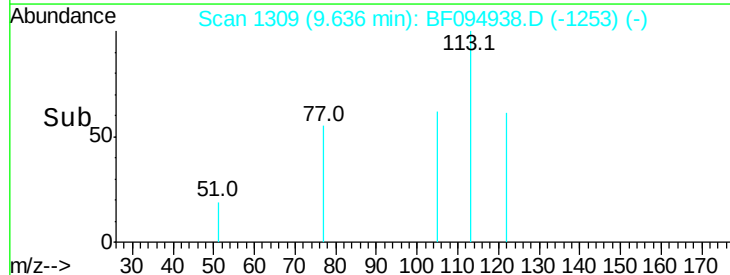
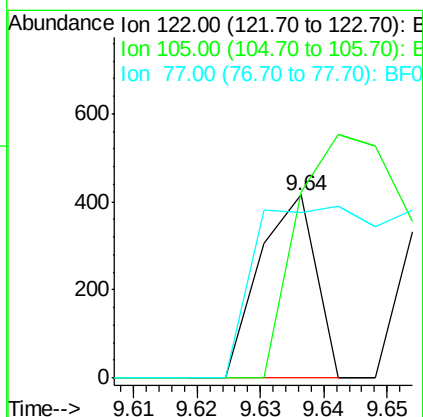
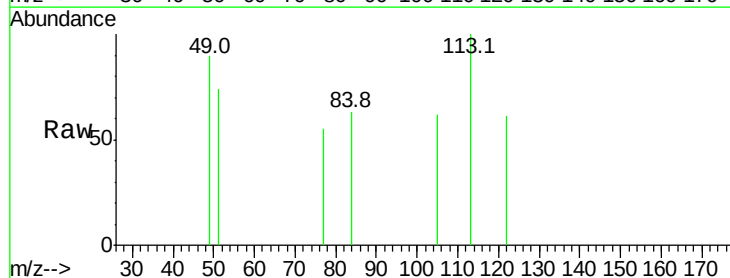
Instrument :
 BNA_F
 ClientSampleId :

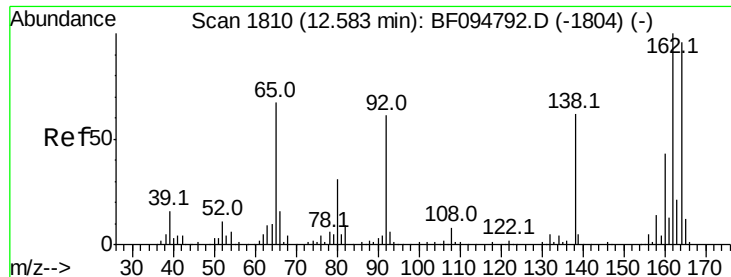
Tot Ion: 82 Resp: 577956
 Ion Ratio Lower Upper
 82 100
 128 47.0 34.0 51.0
 54 48.9 42.2 63.2



#32
 Benzoic acid
 Concen: 5.14 ng
 RT: 9.64 min Scan# 1309
 Delta R.T. 0.03 min
 Lab File: BF094938.D
 Acq: 6 May 2017 2:37

Tgt Ion:122 Resp: 255
 Ion Ratio Lower Upper
 122 100
 105 101.7 103.3 143.3#
 77 90.6 73.7 113.7





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.57 min Scan# 1808

Delta R.T. -0.01 min

Lab File: BF094938.D

Acq: 6 May 2017 2:37

Instrument :

BNA_F

ClientSampleId :

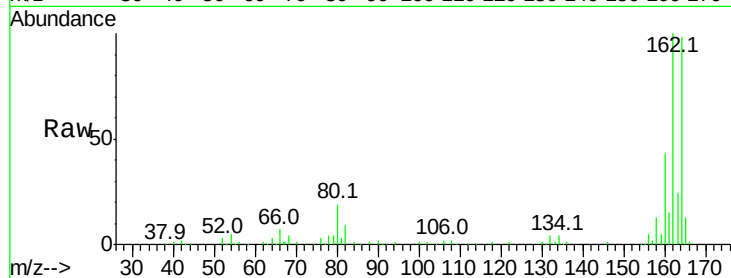
Tot Ion:164 Resp: 176134

Ion Ratio Lower Upper

164 100

162 101.7 82.6 123.8

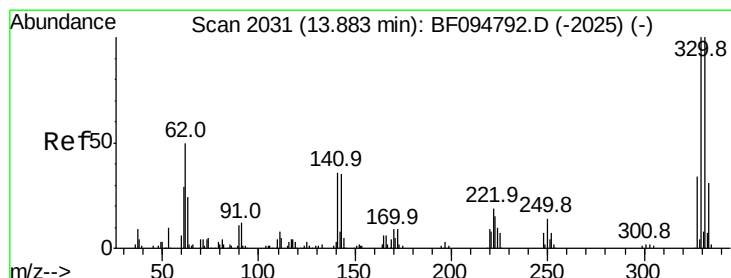
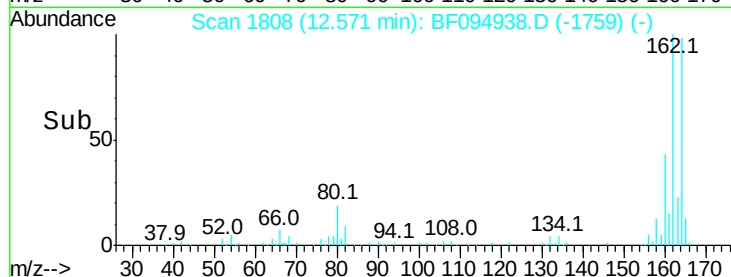
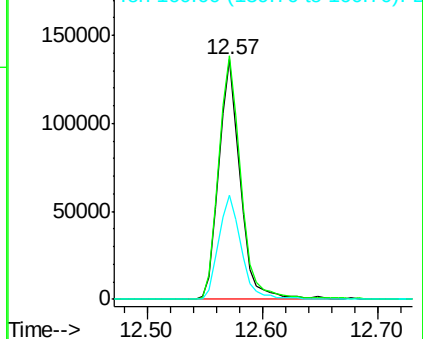
160 43.5 36.2 54.2



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: 153.56 ng

RT: 13.87 min Scan# 2028

Delta R.T. -0.02 min

Lab File: BF094938.D

Acq: 6 May 2017 2:37

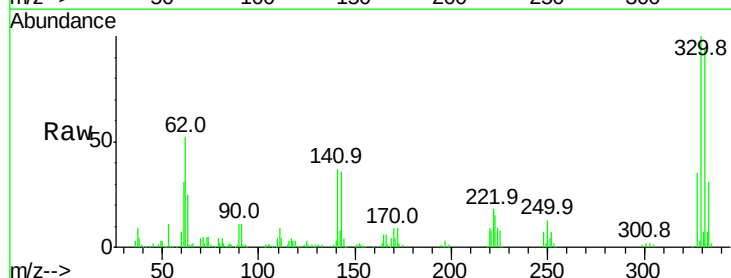
Tgt Ion:330 Resp: 221508

Ion Ratio Lower Upper

330 100

332 95.8 76.6 115.0

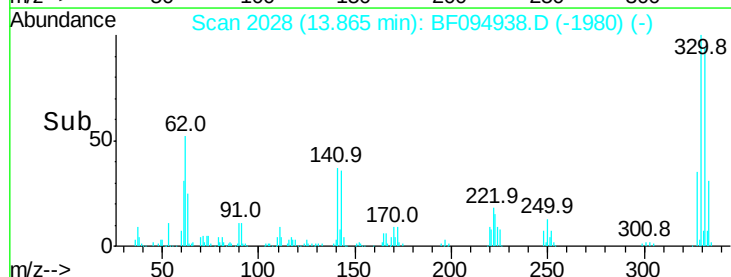
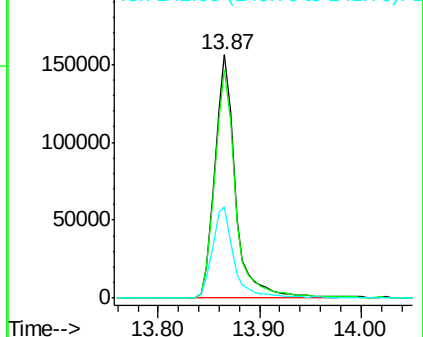
141 39.4 31.4 47.2

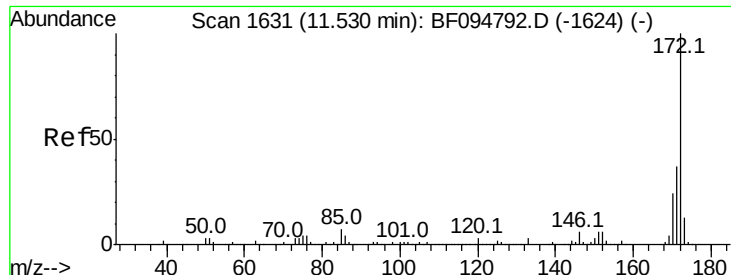


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

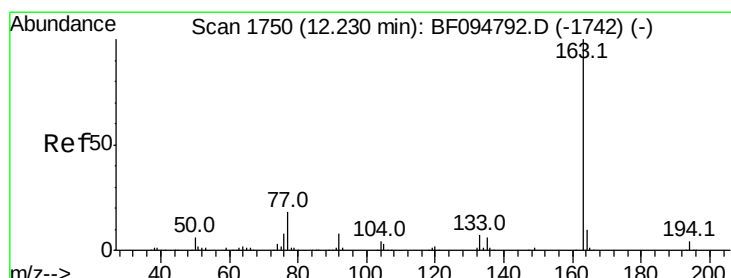
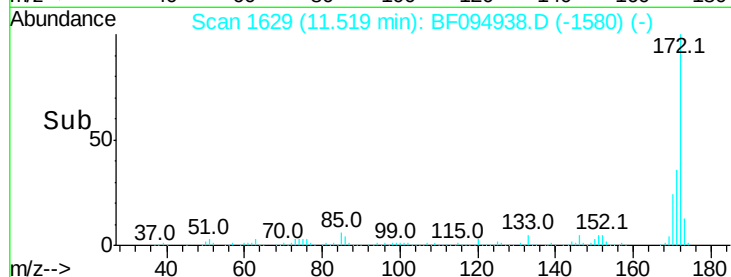
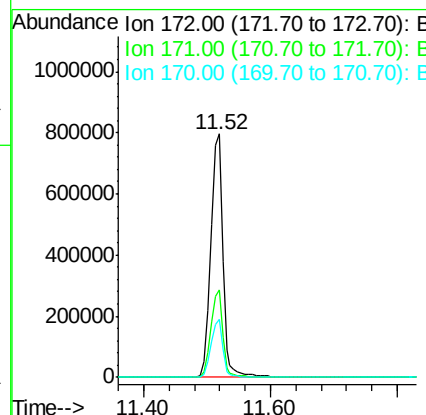
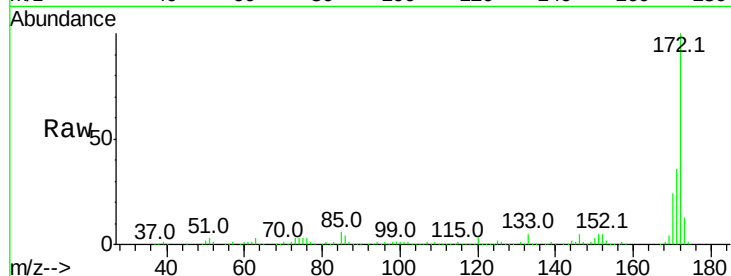




#44
2-Fluorobiphenyl
Concen: 86.04 ng
RT: 11.52 min Scan# 1629
Delta R.T. -0.01 min
Lab File: BF094938.D
Acq: 6 May 2017 2:37

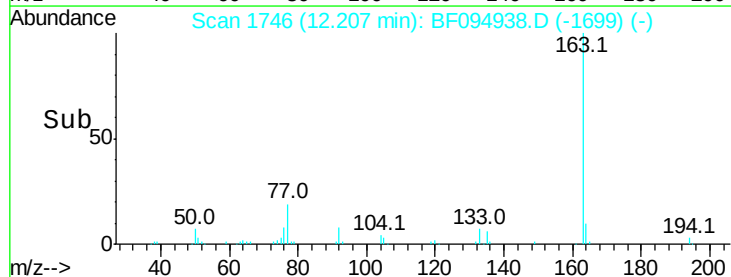
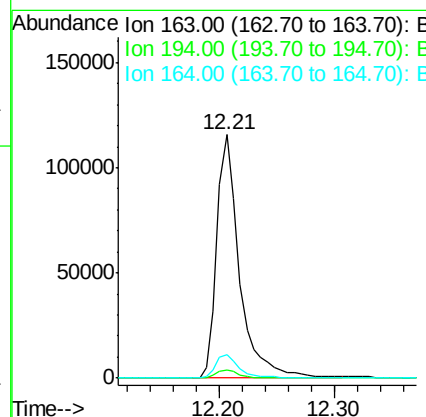
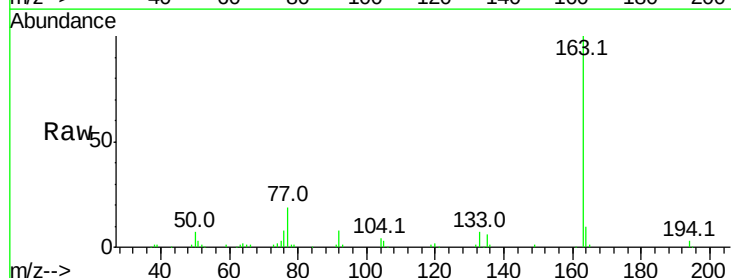
Instrument :
BNA_F
ClientSampleId :

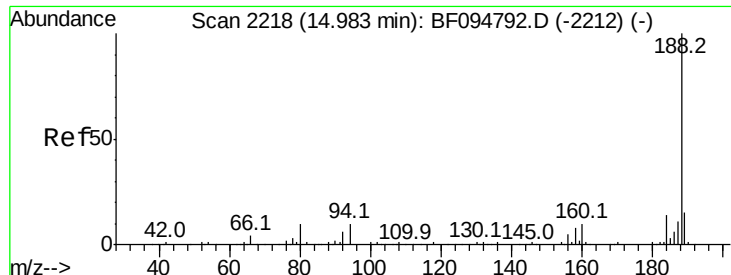
Tot Ion:172 Resp: 1052864
Ion Ratio Lower Upper
172 100
171 35.7 29.6 44.4
170 23.8 19.8 29.8



#49
Dimethylphthalate
Concen: 11.00 ng
RT: 12.21 min Scan# 1746
Delta R.T. -0.02 min
Lab File: BF094938.D
Acq: 6 May 2017 2:37

Tgt Ion:163 Resp: 159094
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 9.7 8.4 12.6

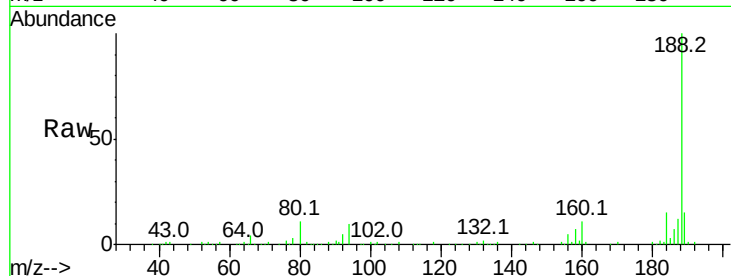




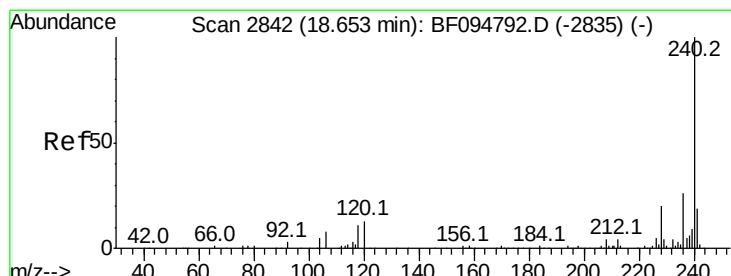
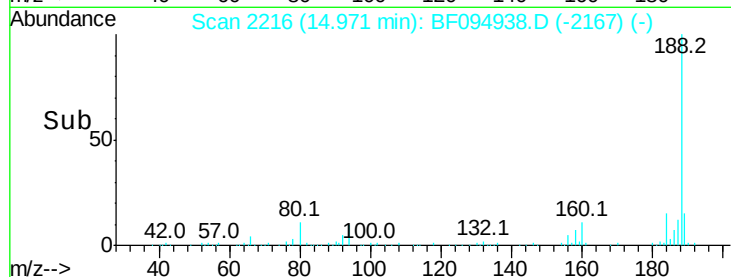
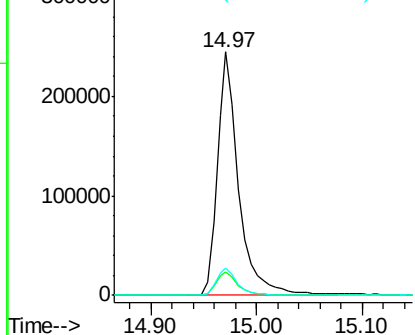
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.97 min Scan# 2216
 Delta R.T. -0.01 min
 Lab File: BF094938.D
 Acq: 6 May 2017 2:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.7	9.4	14.2
80	11.1	10.2	15.2

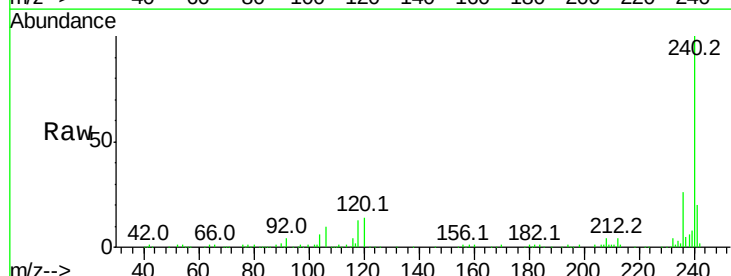


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

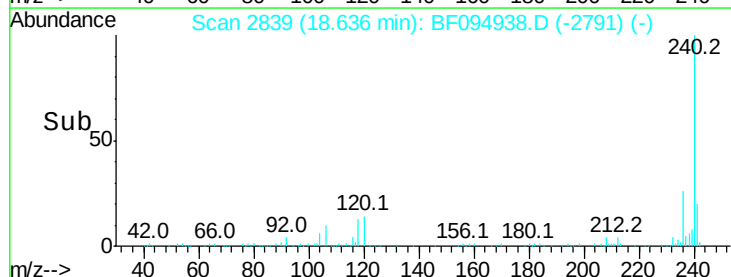
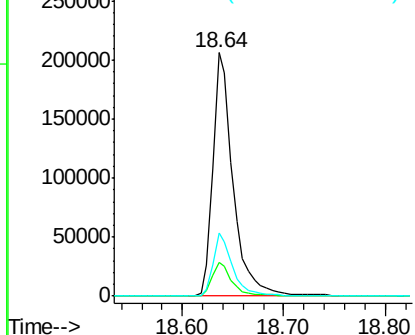


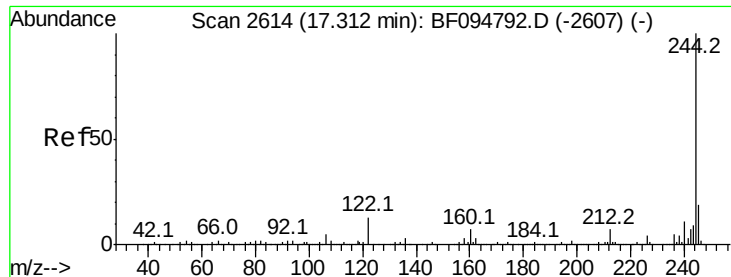
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.64 min Scan# 2839
 Delta R.T. -0.02 min
 Lab File: BF094938.D
 Acq: 6 May 2017 2:37

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.0	5.8	8.8#
236	25.7	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: 67.55 ng

RT: 17.30 min Scan# 2612

Delta R.T. -0.01 min

Lab File: BF094938.D

Acq: 6 May 2017 2:37

Instrument :

BNA_F

ClientSampleId :

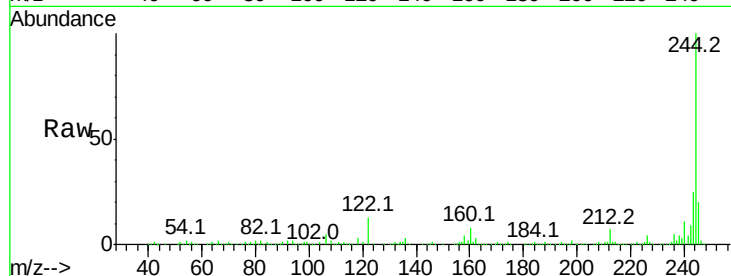
Tot Ion:244 Resp: 879924

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

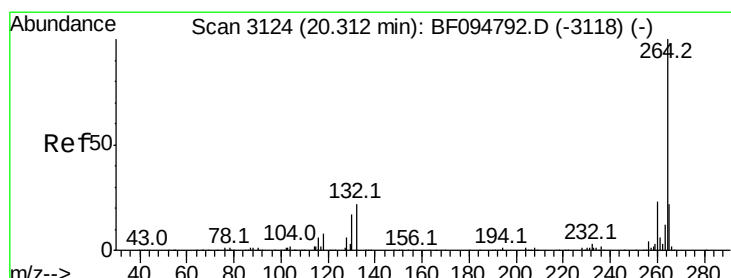
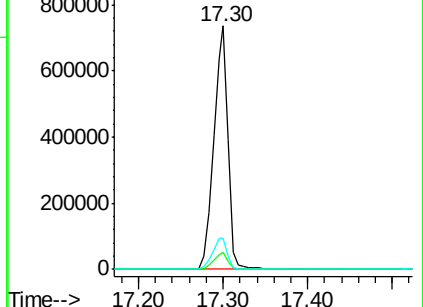
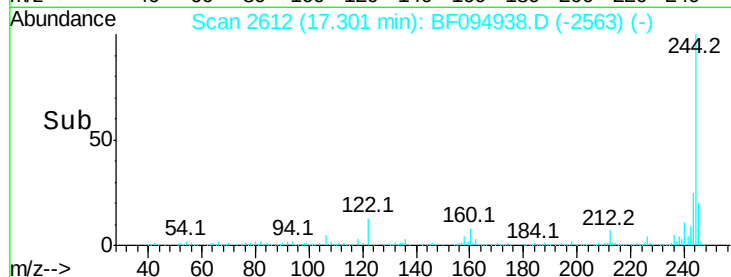
122 13.0 10.3 15.5



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: 20.31 min Scan# 3123

Delta R.T. -0.01 min

Lab File: BF094938.D

Acq: 6 May 2017 2:37

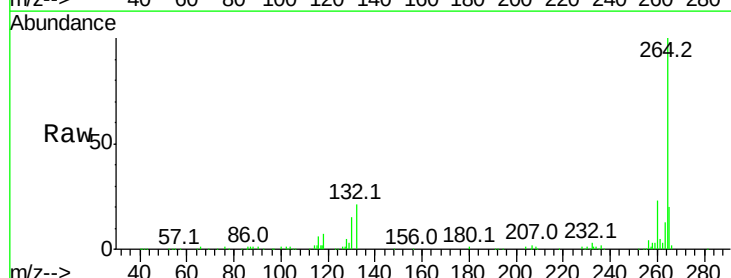
Tgt Ion:264 Resp: 204678

Ion Ratio Lower Upper

264 100

260 22.9 19.5 29.3

265 20.0 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

