

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050317\
 Data File : BF094852.D
 Acq On : 4 May 2017 00:50
 Operator : SJ/MA
 Sample : I2914-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 04 04:20:27 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

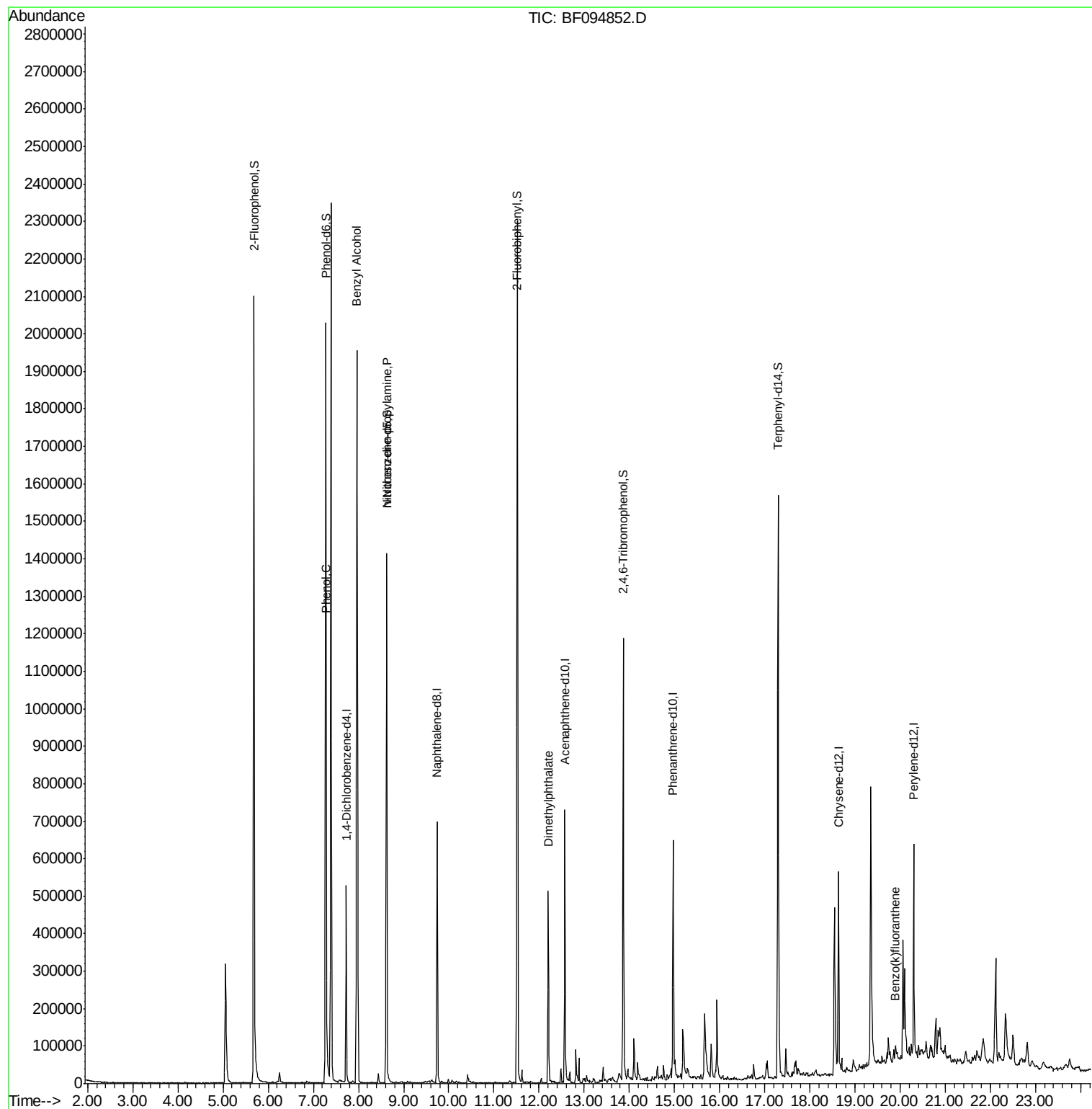
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	104407	20.00	ng	0.00
21) Naphthalene-d8	9.74	136	424493	20.00	ng	-0.01
38) Acenaphthene-d10	12.57	164	193883	20.00	ng	-0.01
63) Phenanthrene-d10	14.97	188	297696	20.00	ng	-0.01
75) Chrysene-d12	18.64	240	210551	20.00	ng	-0.02
86) Perylene-d12	20.30	264	209744	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	939929	150.09	ng	0.00
7) Phenol-d6	7.28	99	1139224	151.62	ng	0.00
23) Nitrobenzene-d5	8.62	82	675052	100.28	ng	-0.01
41) 2,4,6-Tribromophenol	13.87	330	188208	118.53	ng	-0.01
44) 2-Fluorobiphenyl	11.52	172	987860	73.34	ng	-0.01
78) Terphenyl-d14	17.30	244	588652	61.58	ng	-0.01
Target Compounds						
10) Phenol	7.29	94	28810	3.64	ng	Qvalue 96
15) Benzyl Alcohol	7.97	79	16904	3.50	ng	# 67
19) n-Nitroso-di-n-propylamine	8.62	70	88069	17.33	ng	# 77
49) Dimethylphthalate	12.21	163	290280	18.24	ng	97
88) Benzo(k)fluoranthene	19.90	252	25231	2.02	ng	98

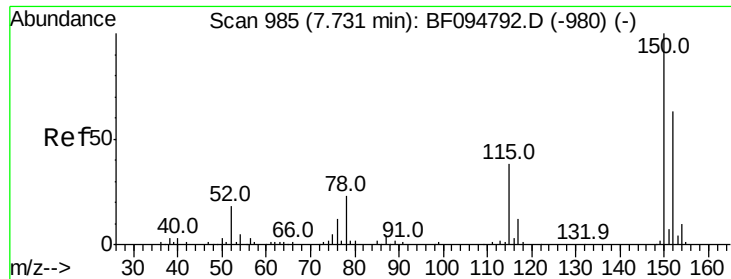
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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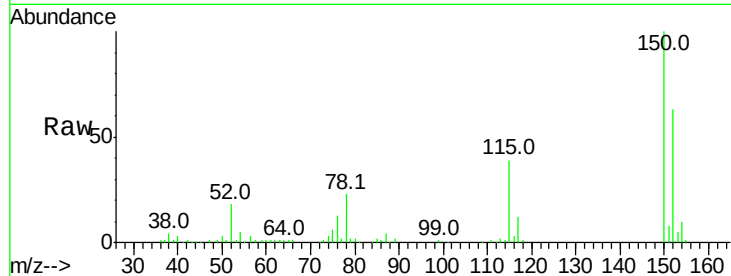


#1

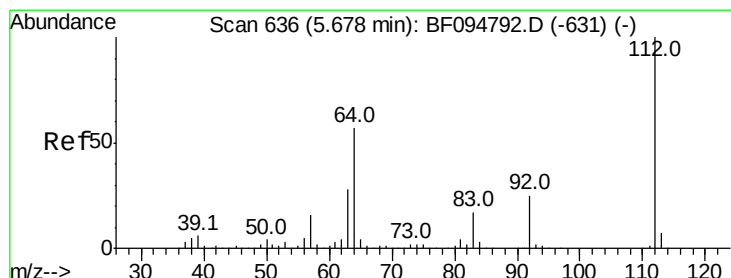
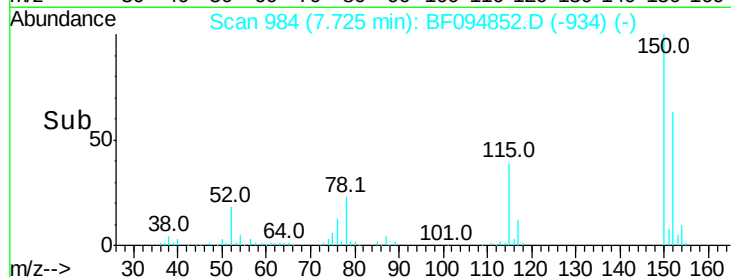
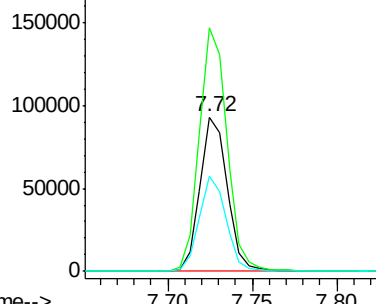
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF094852.D
Acq: 4 May 2017 00:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	126.2	189.2
115	61.7	52.2	78.2



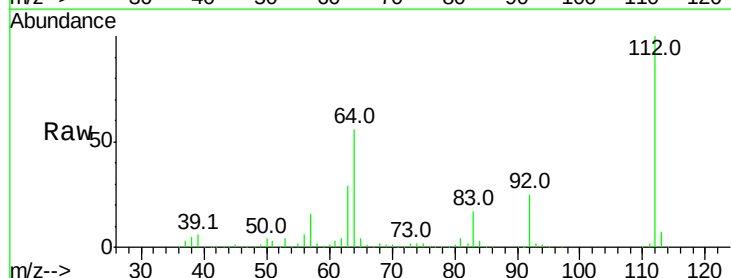
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



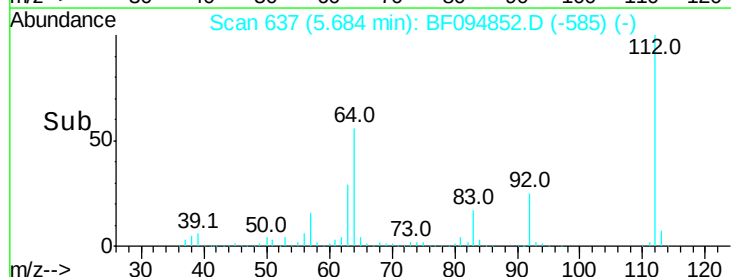
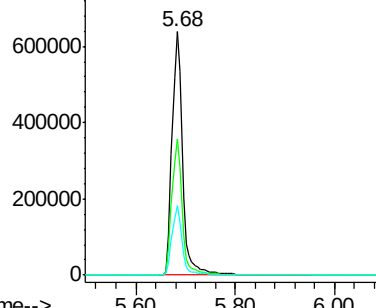
#5

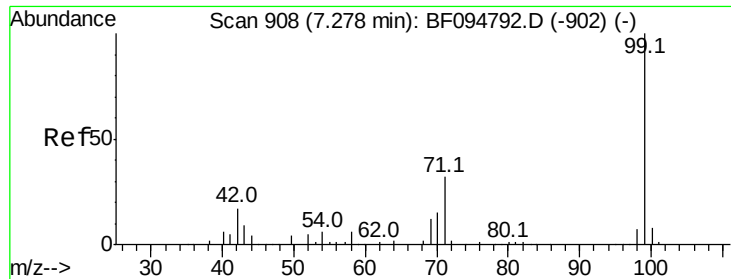
2-Fluorophenol
Concen: 150.09 ng
RT: 5.68 min Scan# 637
Delta R.T. 0.01 min
Lab File: BF094852.D
Acq: 4 May 2017 00:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.8	46.0	69.0
63	28.8	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: 151.62 ng

RT: 7.28 min Scan# 908

Delta R.T. 0.00 min

Lab File: BF094852.D

Acq: 4 May 2017 00:50

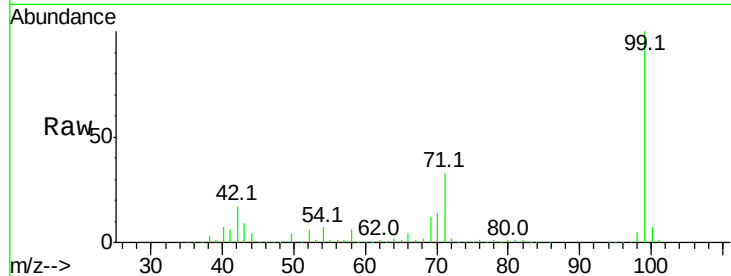
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1139224

Ion	Ratio	Lower	Upper
99	100		
42	16.9	13.5	20.3
71	33.3	24.5	36.7

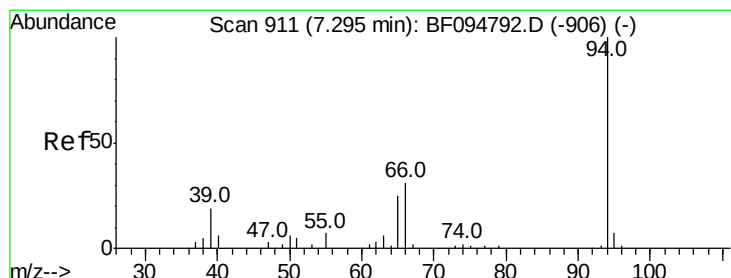
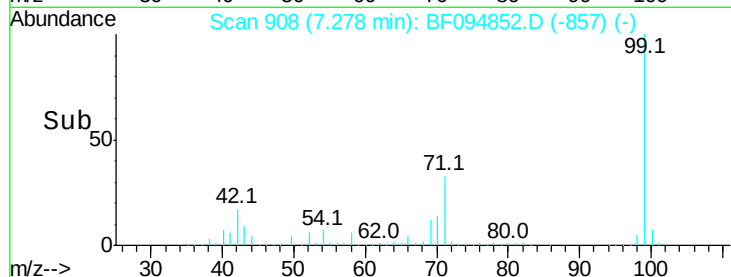
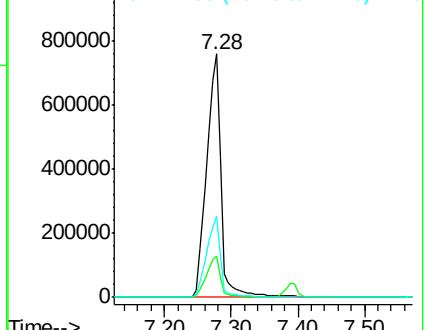


Abundance

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: 3.64 ng

RT: 7.29 min Scan# 910

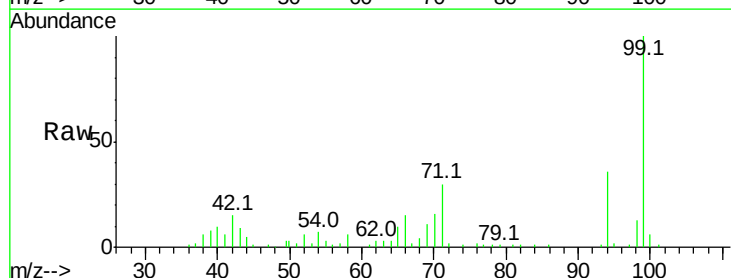
Delta R.T. -0.01 min

Lab File: BF094852.D

Acq: 4 May 2017 00:50

Tgt Ion: 94 Resp: 28810

Ion	Ratio	Lower	Upper
94	100		
65	26.2	9.9	49.9
66	41.7	23.1	63.1

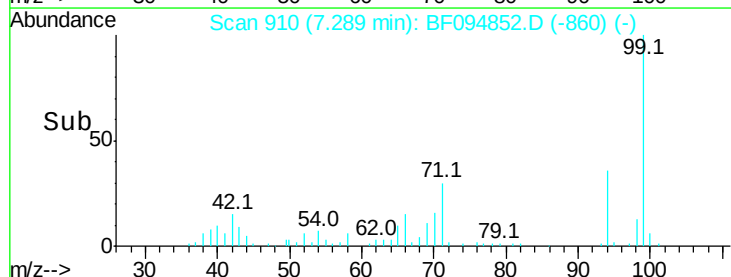
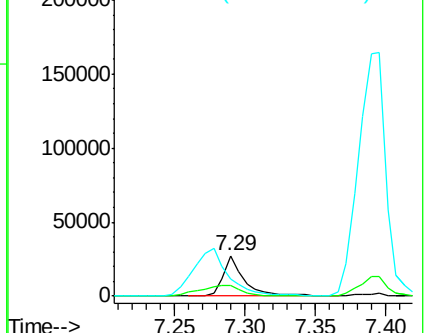


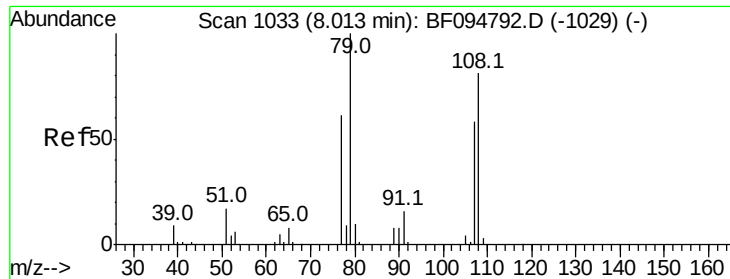
Abundance

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

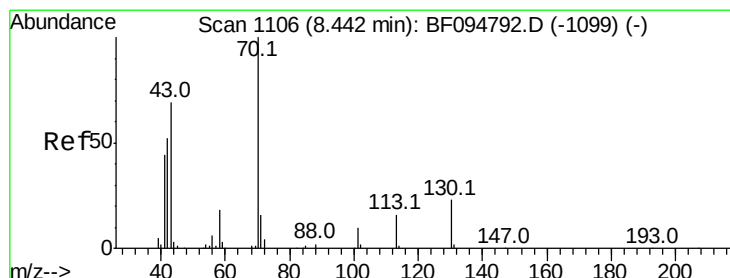
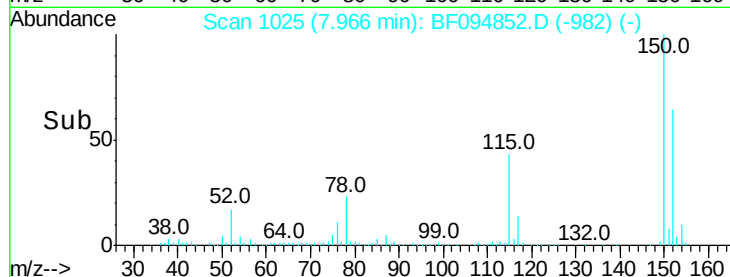
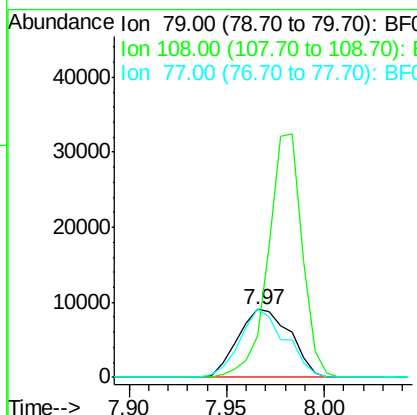
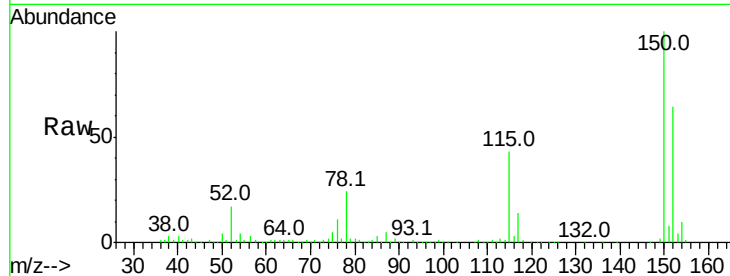




#15
Benzyl Alcohol
Concen: 3.50 ng
RT: 7.97 min Scan# 1025
Delta R.T. -0.05 min
Lab File: BF094852.D
Acq: 4 May 2017 00:50

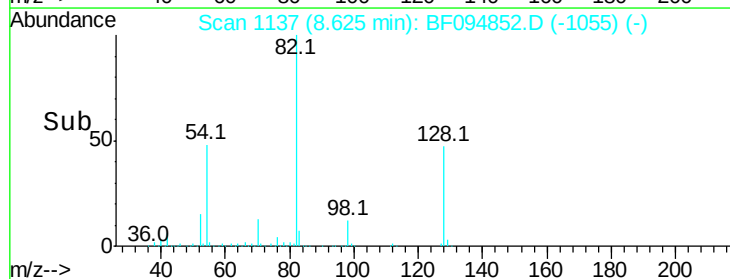
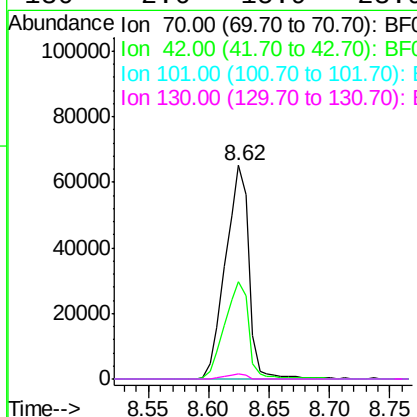
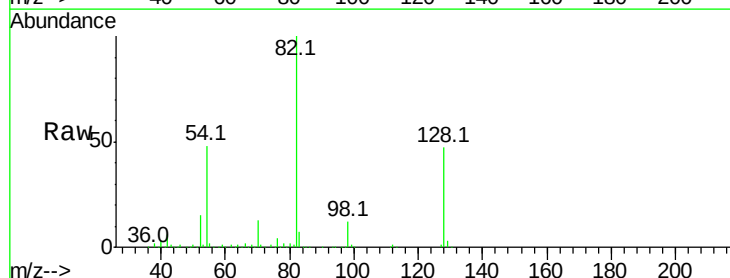
Instrument :
BNA_F
ClientSampleId :

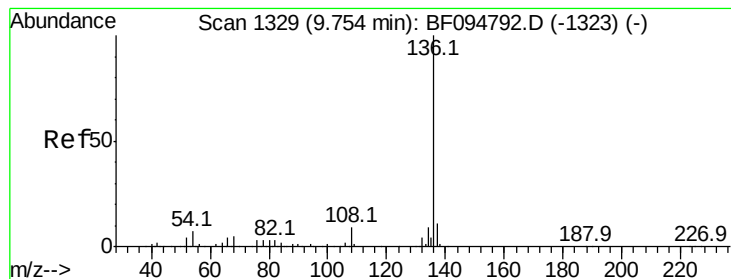
Tot Ion: 79 Resp: 16904
Ion Ratio Lower Upper
79 100
108 61.9 63.4 95.0#
77 100.0 49.2 73.8#



#19
n-Nitroso-di-n-propylamine
Concen: 17.33 ng
RT: 8.62 min Scan# 1137
Delta R.T. 0.18 min
Lab File: BF094852.D
Acq: 4 May 2017 00:50

Tgt Ion: 70 Resp: 88069
Ion Ratio Lower Upper
70 100
42 45.7 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: 9.74 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF094852.D

Acq: 4 May 2017 00:50

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 424493

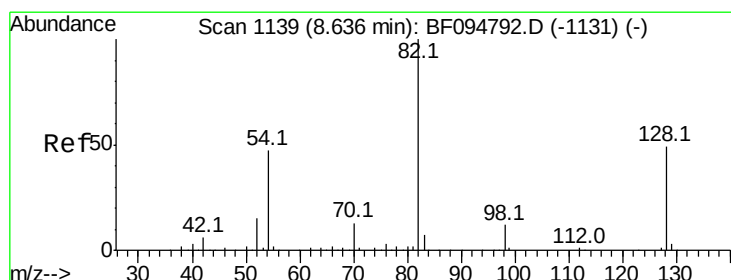
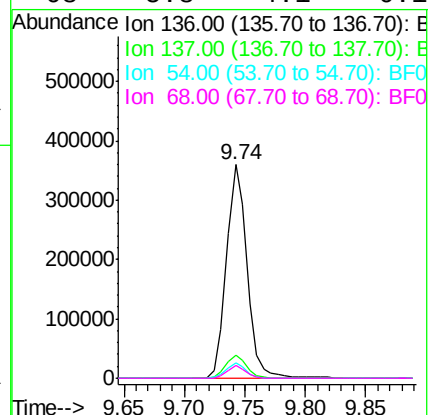
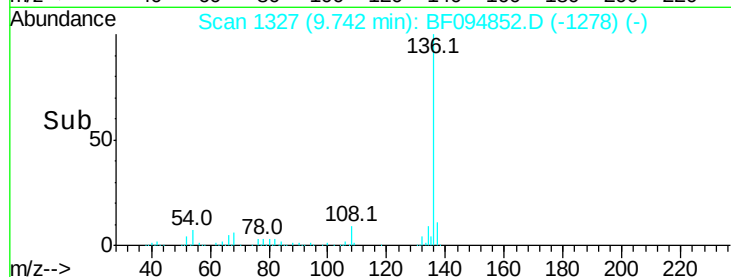
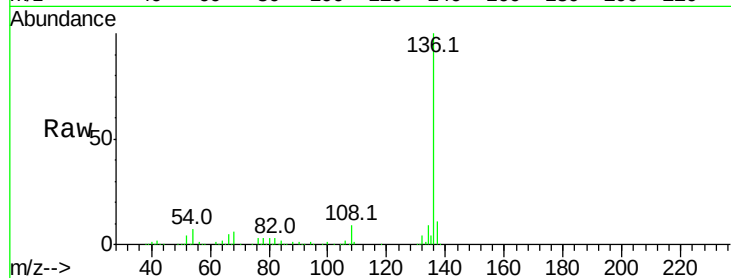
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 7.3 4.9 7.3#

68 5.8 4.1 6.1



#23

Nitrobenzene-d5

Concen: 100.28 ng

RT: 8.62 min Scan# 1137

Delta R.T. -0.01 min

Lab File: BF094852.D

Acq: 4 May 2017 00:50

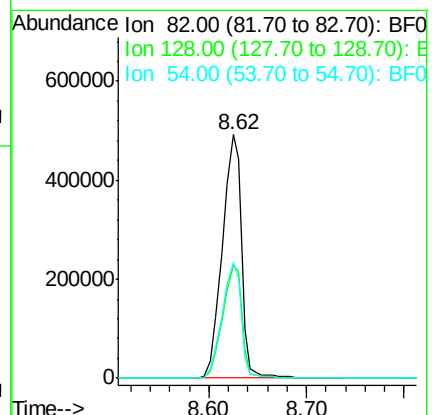
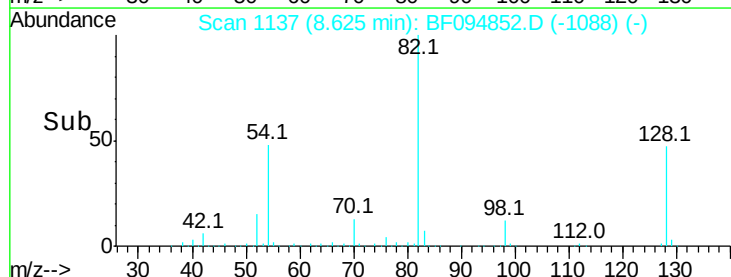
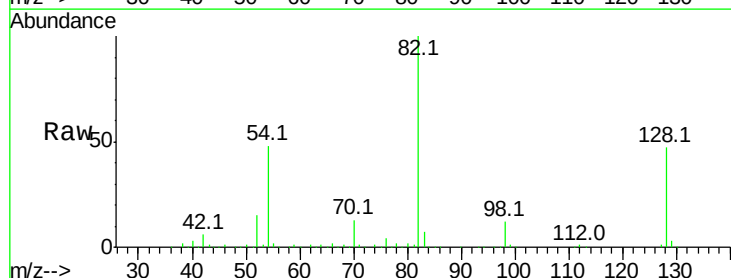
Tgt Ion: 82 Resp: 675052

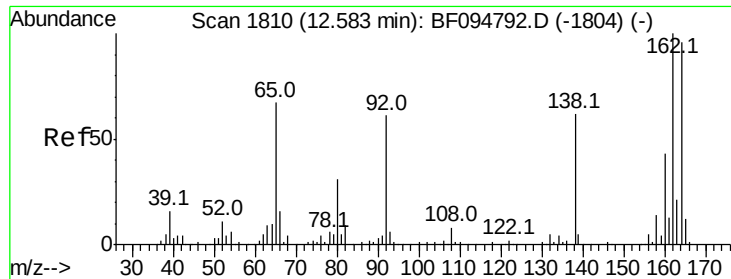
Ion Ratio Lower Upper

82 100

128 46.6 34.0 51.0

54 47.6 42.2 63.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.57 min Scan# 1808

Delta R.T. -0.01 min

Lab File: BF094852.D

Acq: 4 May 2017 00:50

Instrument :

BNA_F

ClientSampleId :

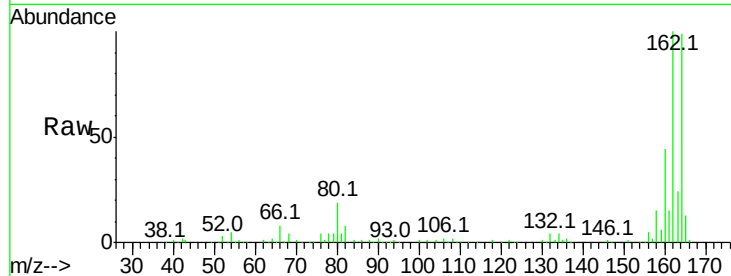
Tot Ion:164 Resp: 193883

Ion Ratio Lower Upper

164 100

162 100.7 82.6 123.8

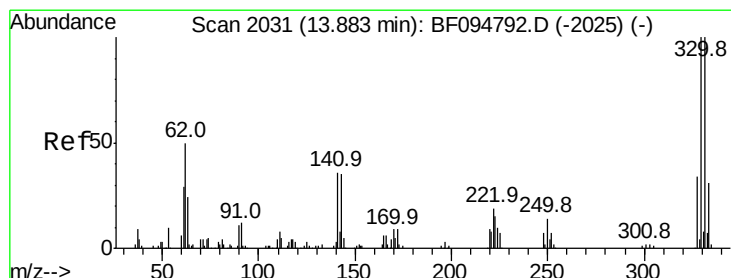
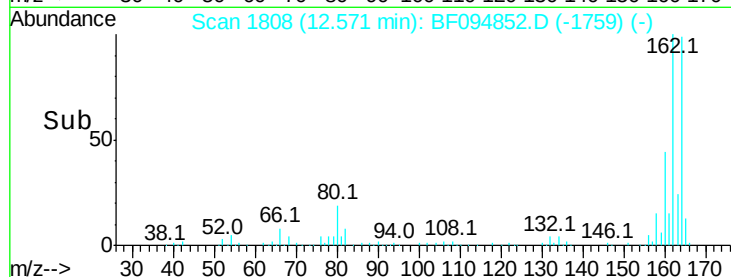
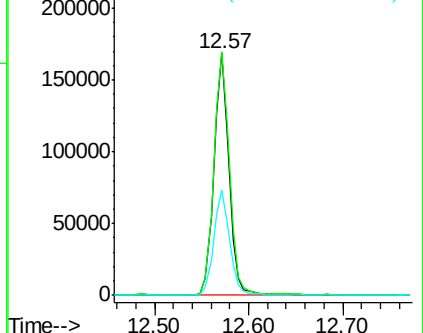
160 43.8 36.2 54.2



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: 118.53 ng

RT: 13.87 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF094852.D

Acq: 4 May 2017 00:50

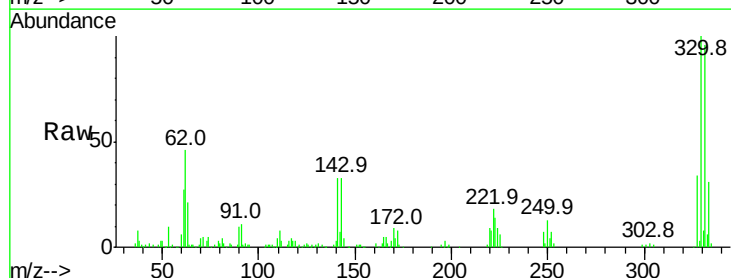
Tgt Ion:330 Resp: 188208

Ion Ratio Lower Upper

330 100

332 95.9 76.6 115.0

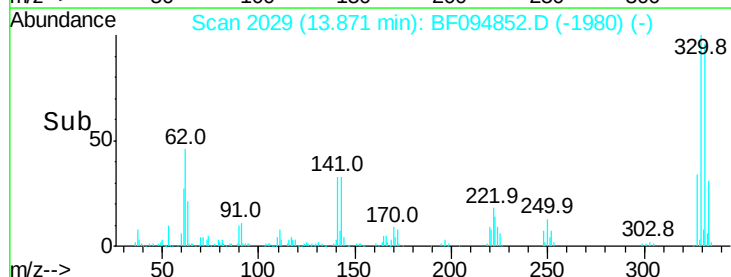
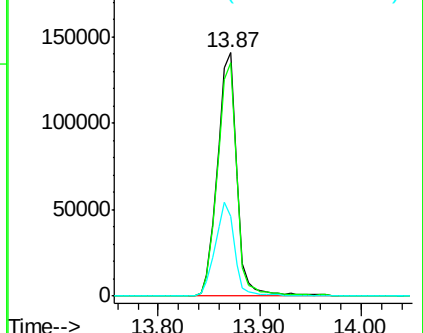
141 38.5 31.4 47.2

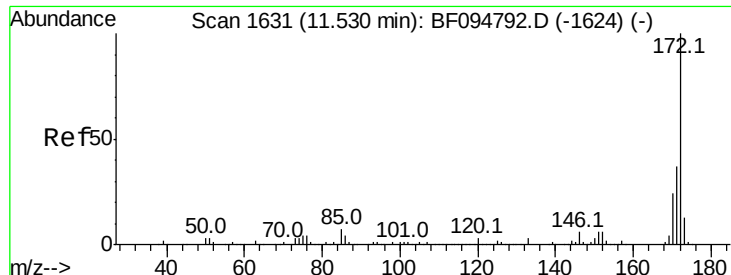


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

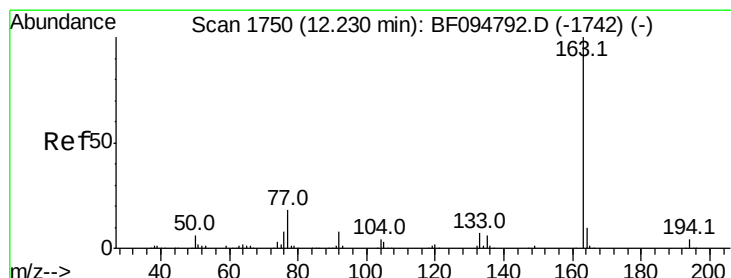
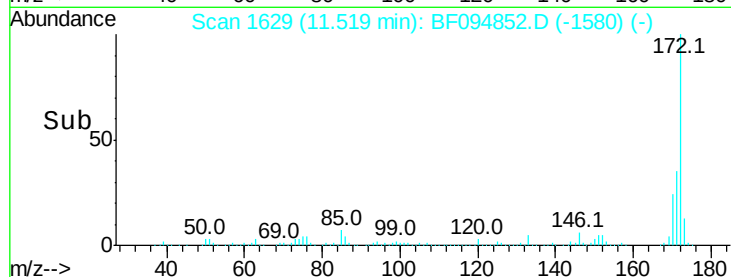
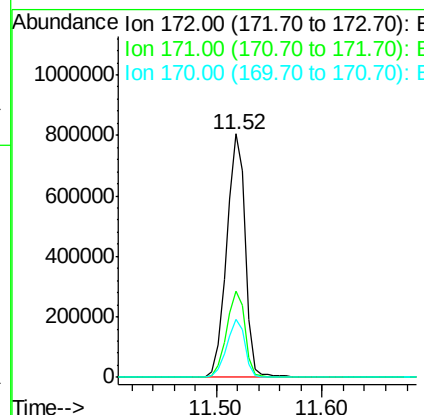
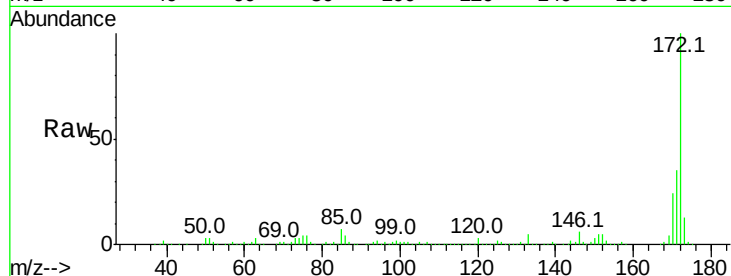




#44
2-Fluorobiphenyl
Concen: 73.34 ng
RT: 11.52 min Scan# 1629
Delta R.T. -0.01 min
Lab File: BF094852.D
Acq: 4 May 2017 00:50

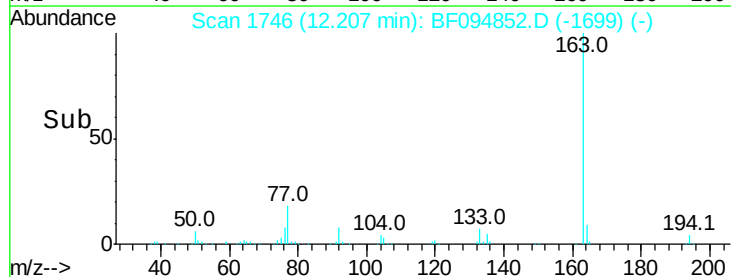
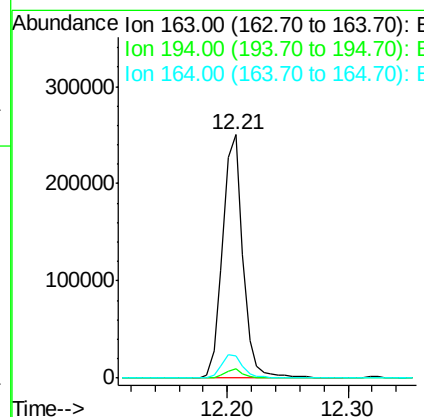
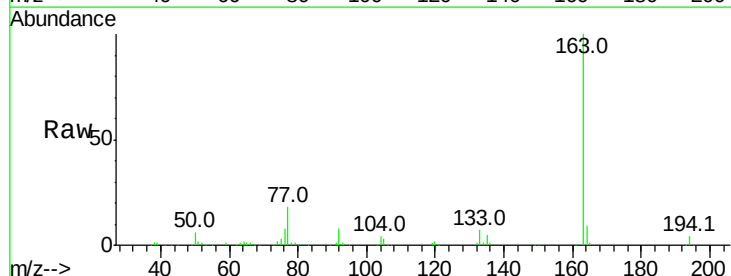
Instrument :
BNA_F
ClientSampleId :

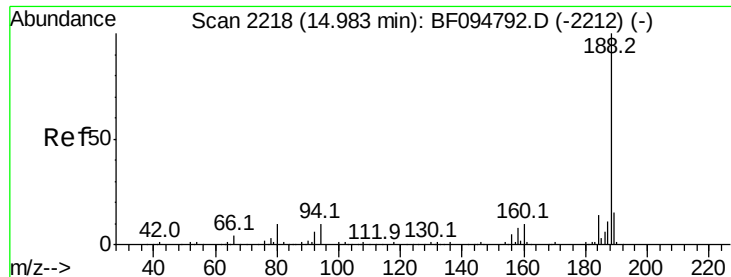
Tot Ion:172 Resp: 987860
Ion Ratio Lower Upper
172 100
171 35.5 29.6 44.4
170 23.6 19.8 29.8



#49
Dimethylphthalate
Concen: 18.24 ng
RT: 12.21 min Scan# 1746
Delta R.T. -0.02 min
Lab File: BF094852.D
Acq: 4 May 2017 00:50

Tgt Ion:163 Resp: 290280
Ion Ratio Lower Upper
163 100
194 3.8 2.6 4.0
164 9.3 8.4 12.6

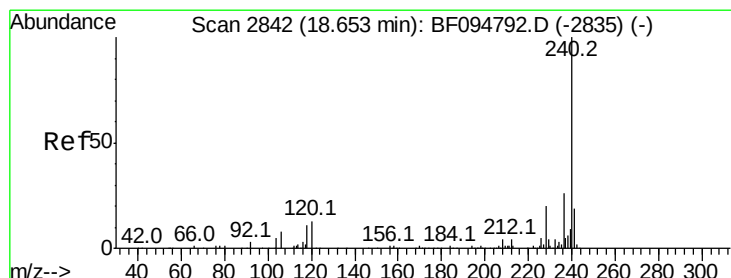
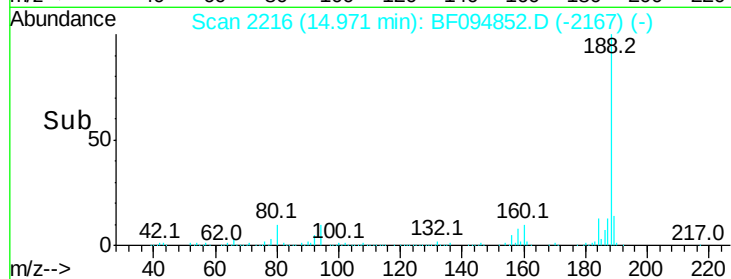
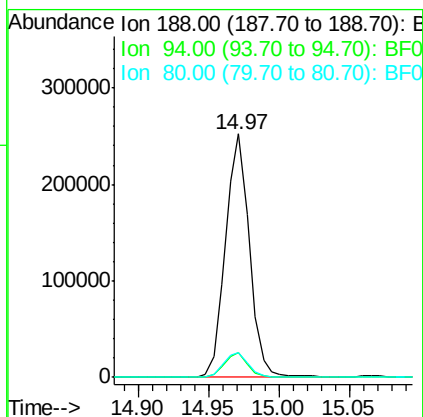
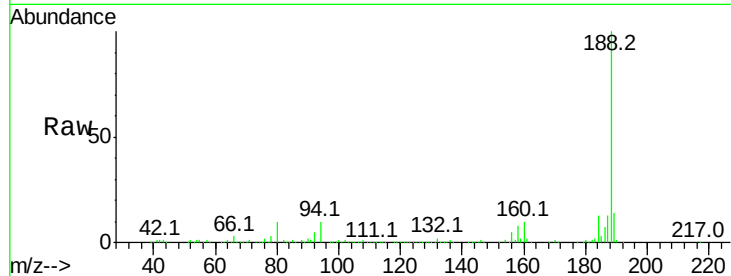




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.97 min Scan# 2216
Delta R.T. -0.01 min
Lab File: BF094852.D
Acq: 4 May 2017 00:50

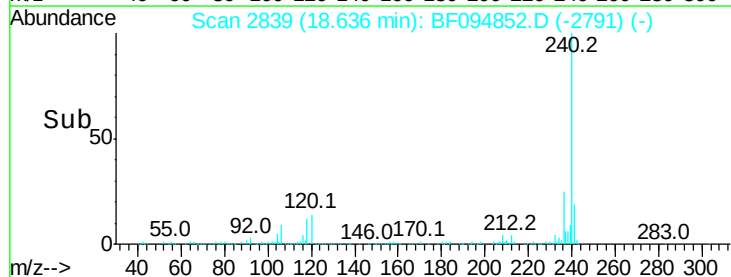
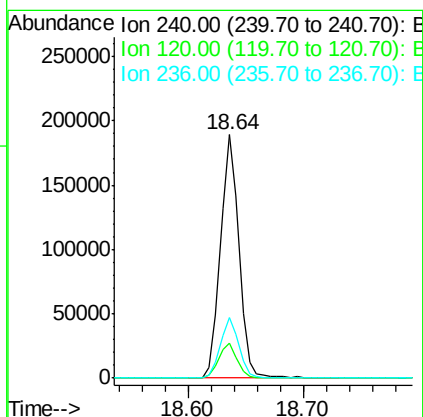
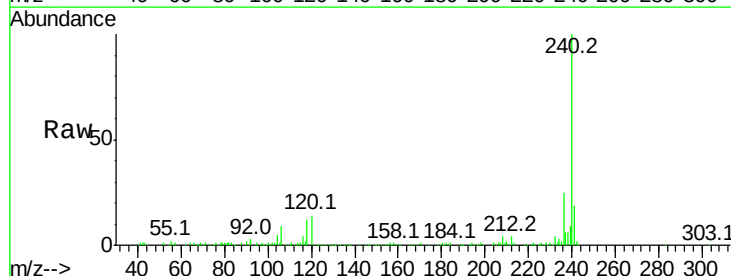
Instrument :
BNA_F
ClientSampleId :

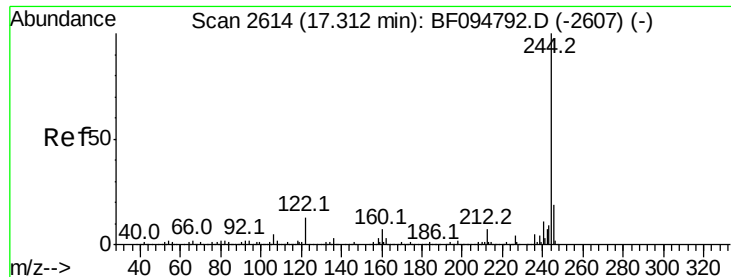
Tot Ion:188 Resp: 297696
Ion Ratio Lower Upper
188 100
94 10.0 9.4 14.2
80 10.1 10.2 15.2#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.64 min Scan# 2839
Delta R.T. -0.02 min
Lab File: BF094852.D
Acq: 4 May 2017 00:50

Tgt Ion:240 Resp: 210551
Ion Ratio Lower Upper
240 100
120 14.2 5.8 8.8#
236 24.9 20.5 30.7





#78

Terphenyl-d14

Concen: 61.58 ng

RT: 17.30 min Scan# 2612

Delta R.T. -0.01 min

Lab File: BF094852.D

Acq: 4 May 2017 00:50

Instrument :

BNA_F

ClientSampleId :

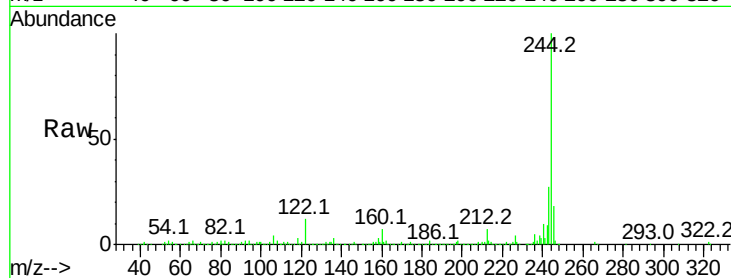
Tot Ion:244 Resp: 588652

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

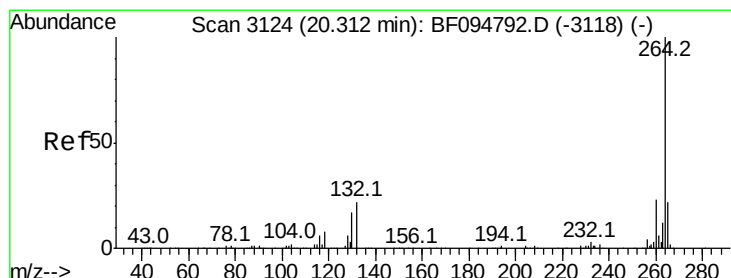
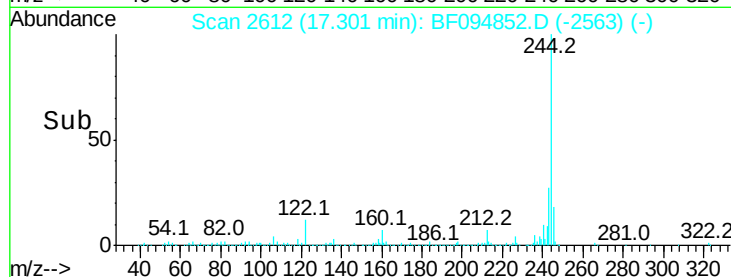
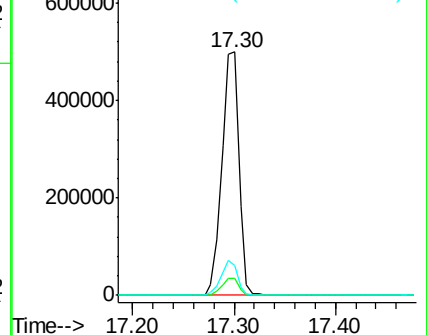
122 12.3 10.3 15.5



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: 20.30 min Scan# 3122

Delta R.T. -0.01 min

Lab File: BF094852.D

Acq: 4 May 2017 00:50

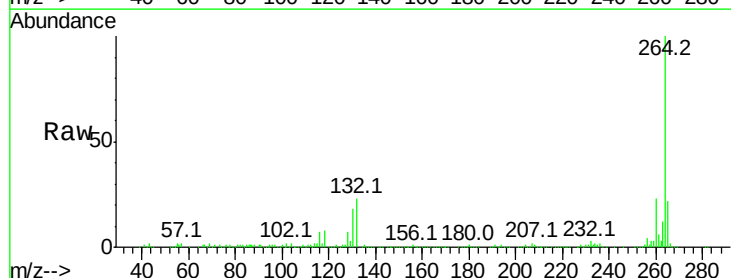
Tgt Ion:264 Resp: 209744

Ion Ratio Lower Upper

264 100

260 23.3 19.5 29.3

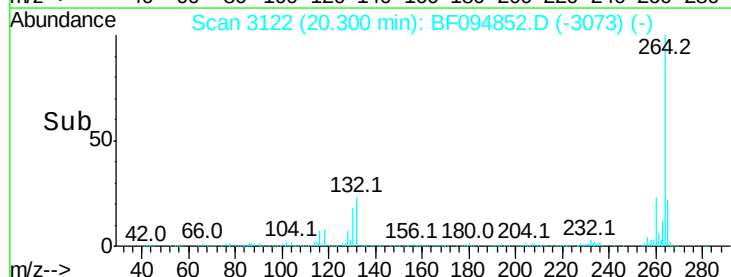
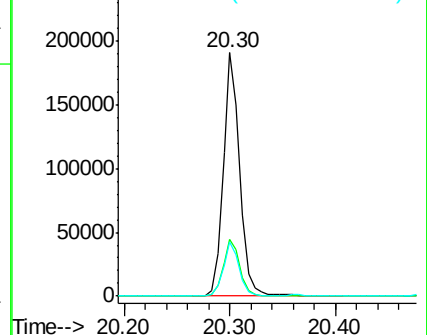
265 22.1 17.2 25.8

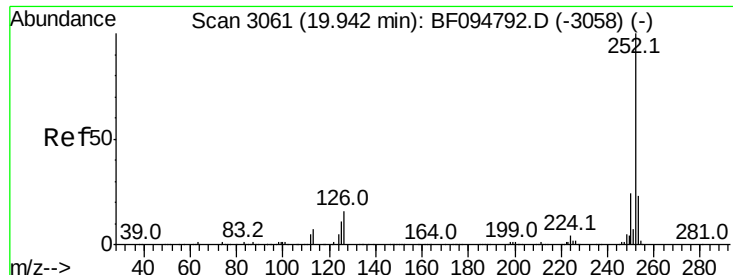


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

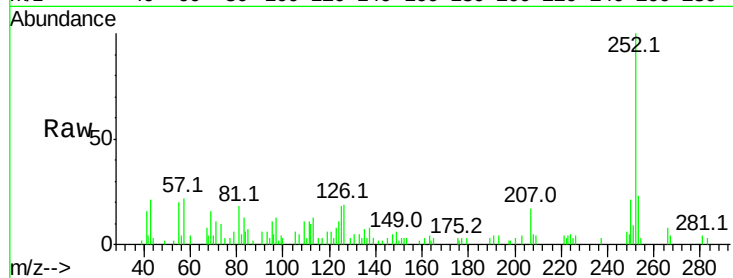




#88
 Benzo(k)fluoranthene
 Concen: 2.02 ng
 RT: 19.90 min Scan# 3054
 Delta R.T. -0.04 min
 Lab File: BF094852.D
 Acq: 4 May 2017 00:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252	Resp:	25231
Ion Ratio	Lower	Upper
252	100	
253	22.6	18.4 27.6
125	18.3	13.1 19.7



Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 253.00 (252.70 to 253.70): E
 Ion 125.00 (124.70 to 125.70): E

