

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050517\
 Data File : BF094940.D
 Acq On : 6 May 2017 3:42
 Operator : SJ/MA
 Sample : I2977-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 06 05:56:22 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

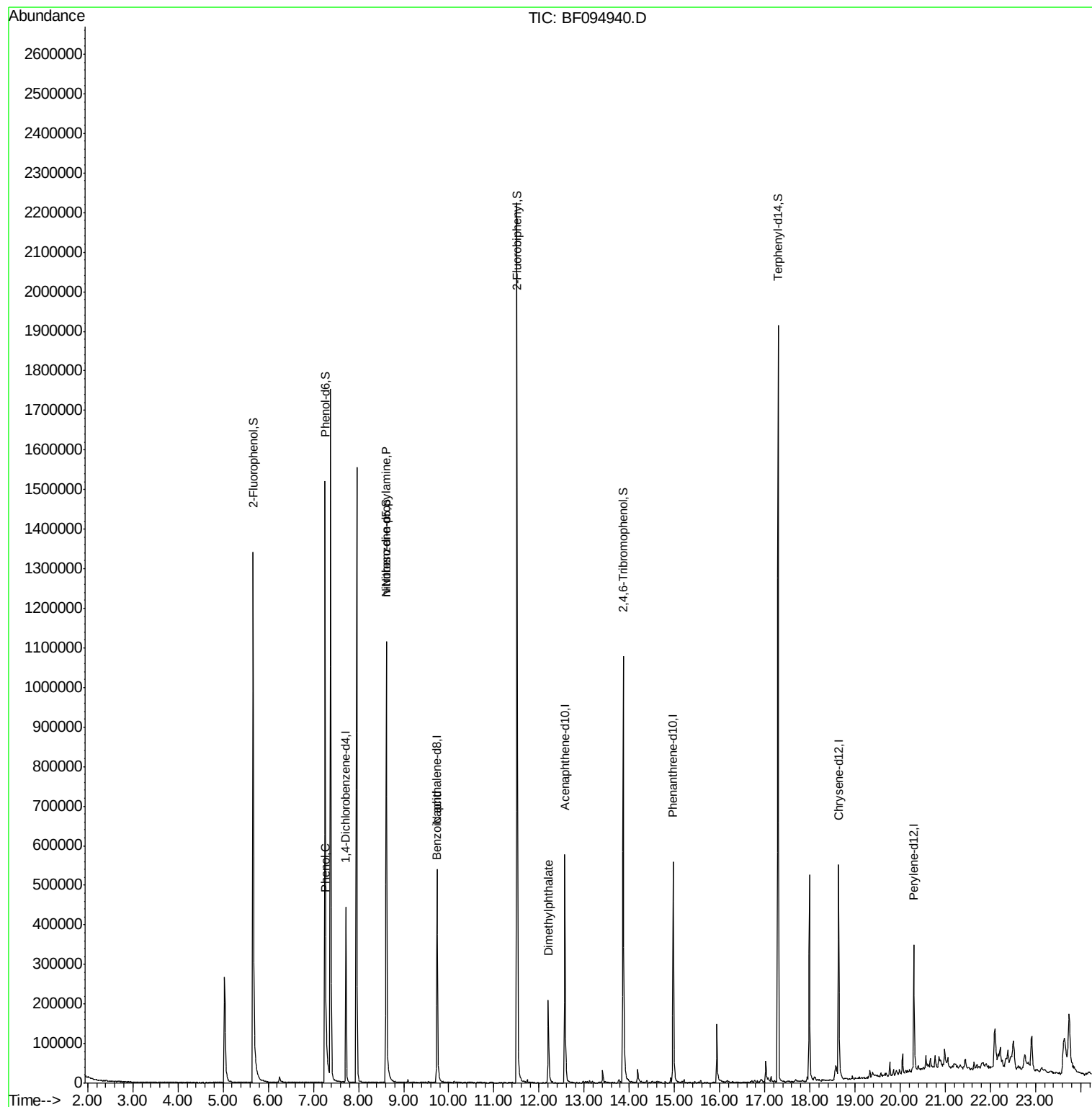
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	93927	20.00	ng	-0.01
21) Naphthalene-d8	9.74	136	400585	20.00	ng	-0.01
38) Acenaphthene-d10	12.57	164	175780	20.00	ng	-0.01
63) Phenanthrene-d10	14.97	188	326885	20.00	ng	-0.01
75) Chrysene-d12	18.64	240	241622	20.00	ng	-0.02
86) Perylene-d12	20.31	264	163180	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	651204	115.59	ng	-0.01
7) Phenol-d6	7.26	99	843525	124.79	ng	-0.02
23) Nitrobenzene-d5	8.62	82	526044	82.81	ng	-0.02
41) 2,4,6-Tribromophenol	13.87	330	196542	136.53	ng	-0.02
44) 2-Fluorobiphenyl	11.51	172	1040833	85.23	ng	-0.02
78) Terphenyl-d14	17.30	244	777583	70.88	ng	-0.01
Target Compounds						
10) Phenol	7.28	94	14831	2.08	ng	# 79
19) n-Nitroso-di-n-propylamine	8.62	70	66697	14.59	ng	# 76
32) Benzoic acid	9.73	122	106	5.11	ng	# 89
49) Dimethylphthalate	12.21	163	142908	9.90	ng	98

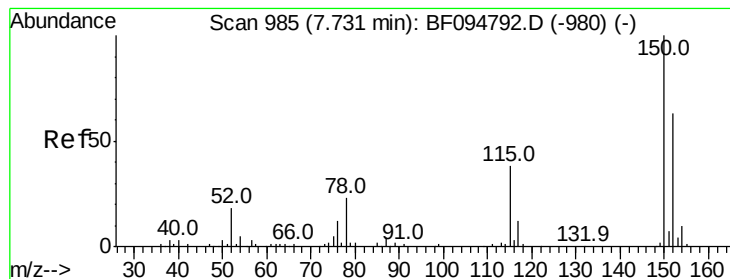
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed May 03 17:24:51 2017
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.72 min Scan# 983

Delta R.T. -0.01 min

Lab File: BF094940.D

Acq: 6 May 2017 3:42

Instrument :

BNA_F

ClientSampleId :

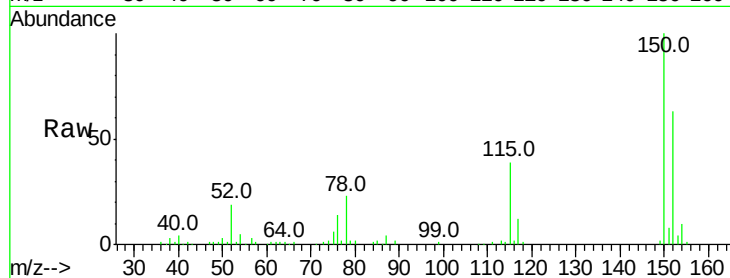
Tot Ion:152 Resp: 93927

Ion Ratio Lower Upper

152 100

150 158.8 126.2 189.2

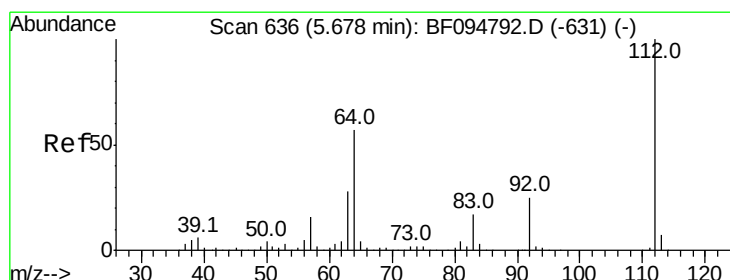
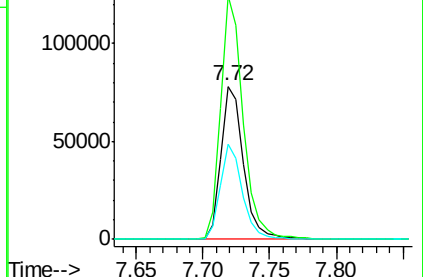
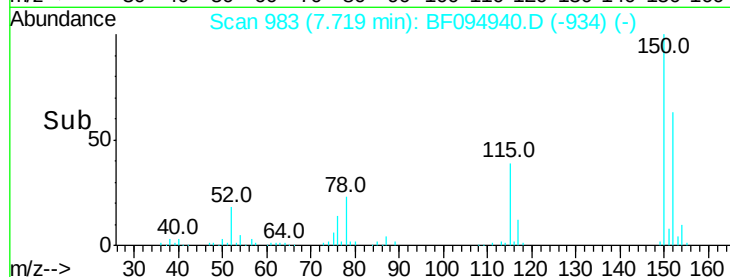
115 61.9 52.2 78.2



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: 115.59 ng

RT: 5.67 min Scan# 634

Delta R.T. -0.01 min

Lab File: BF094940.D

Acq: 6 May 2017 3:42

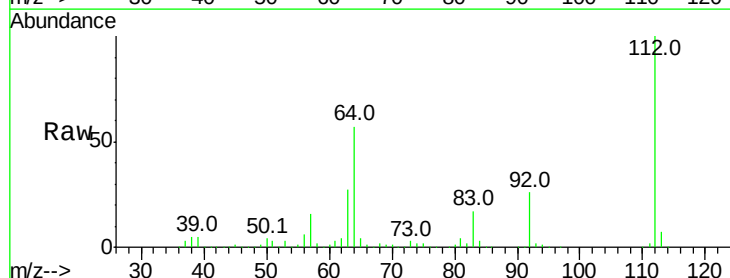
Tgt Ion:112 Resp: 651204

Ion Ratio Lower Upper

112 100

64 57.1 46.0 69.0

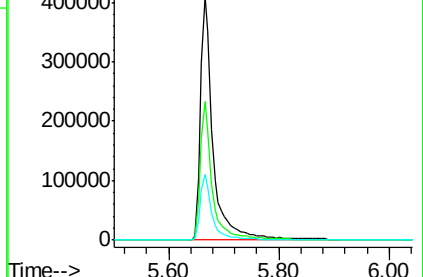
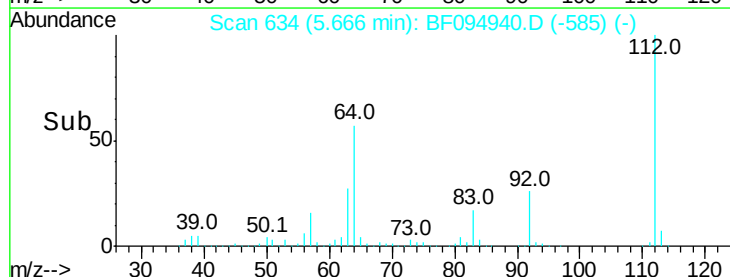
63 27.2 23.4 35.0

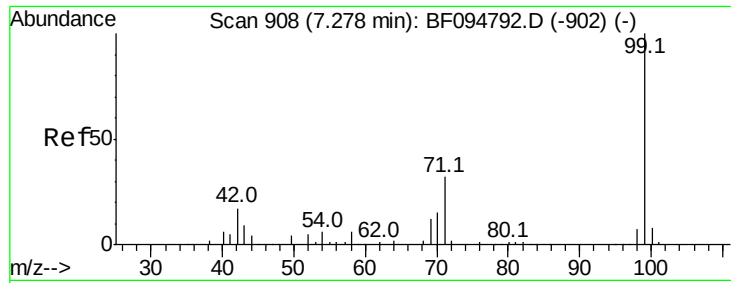


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 124.79 ng

RT: 7.26 min Scan# 905

Delta R.T. -0.02 min

Lab File: BF094940.D

Acq: 6 May 2017 3:42

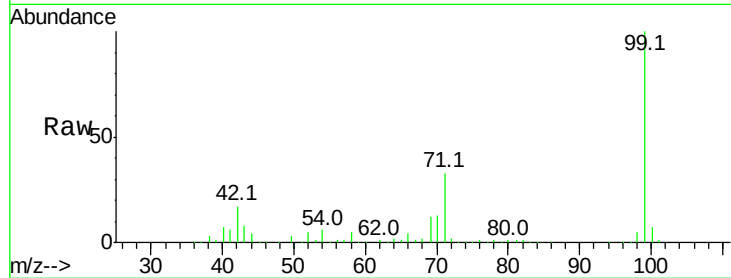
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 843525

Ion	Ratio	Lower	Upper
99	100		
42	17.0	13.5	20.3
71	32.8	24.5	36.7

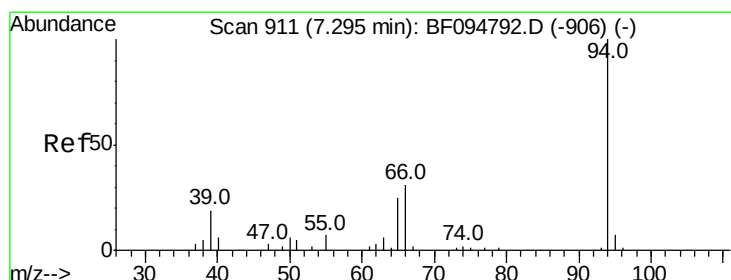
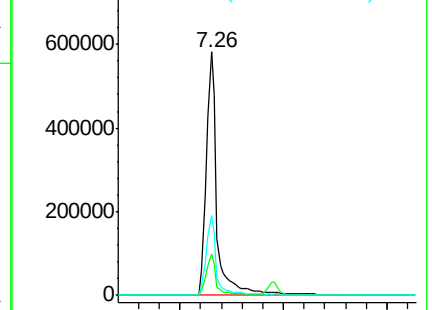
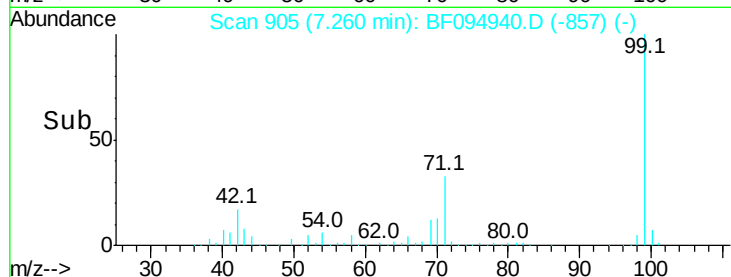


Abundance

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: 2.08 ng

RT: 7.28 min Scan# 908

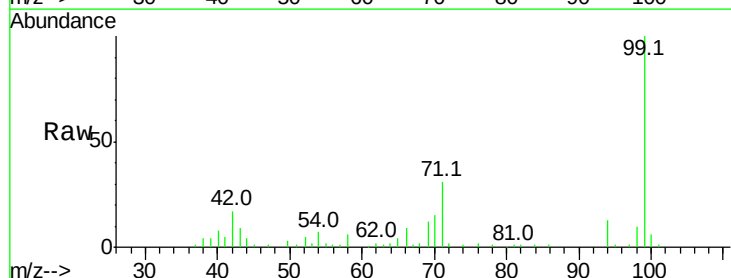
Delta R.T. -0.02 min

Lab File: BF094940.D

Acq: 6 May 2017 3:42

Tgt Ion: 94 Resp: 14831

Ion	Ratio	Lower	Upper
94	100		
65	29.4	9.9	49.9
66	66.0	23.1	63.1#

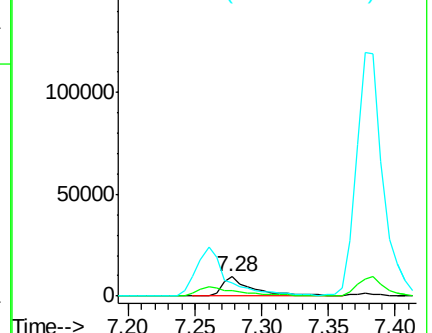
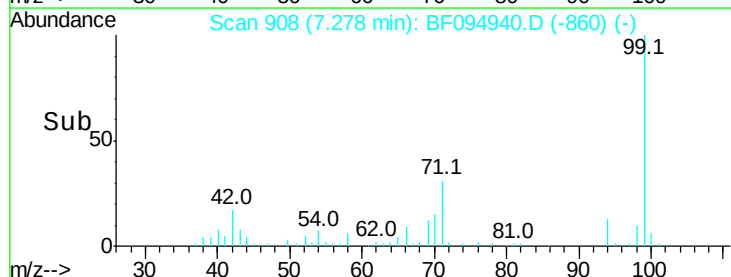


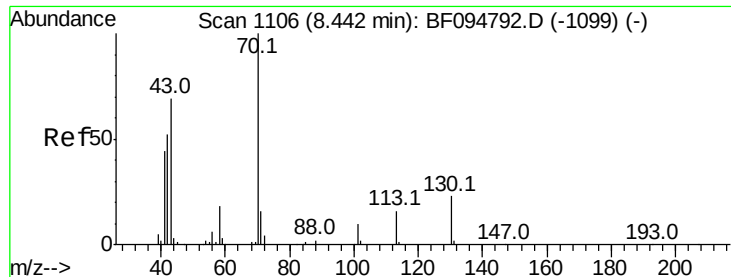
Abundance

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: 14.59 ng

RT: 8.62 min Scan# 1136

Delta R.T. 0.18 min

Lab File: BF094940.D

Acq: 6 May 2017 3:42

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 66697

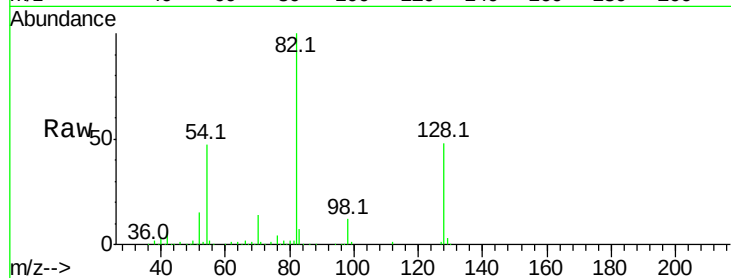
Ion Ratio Lower Upper

70 100

42 44.2 47.2 70.8#

101 0.0 7.2 10.8#

130 2.5 15.9 23.9#

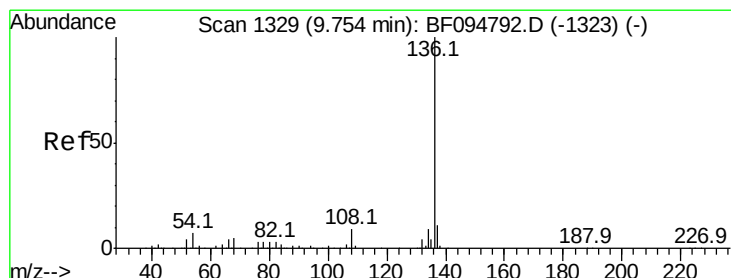
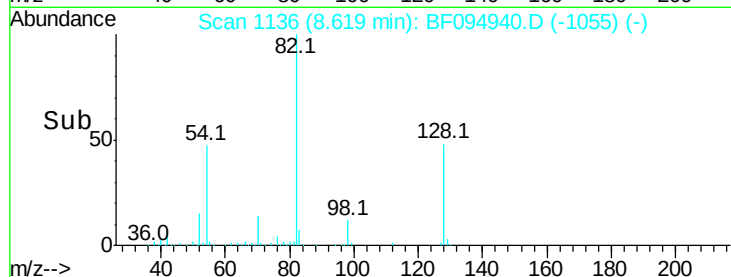
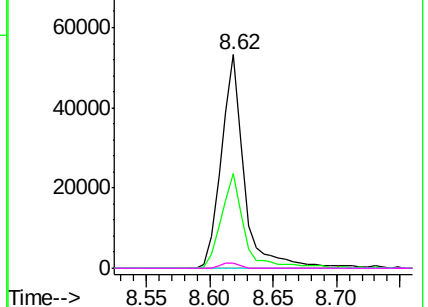


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: BF094940.D

Acq: 6 May 2017 3:42

Tgt Ion: 136 Resp: 400585

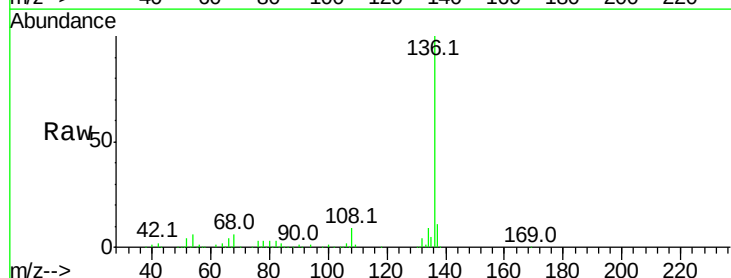
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 6.5 4.9 7.3

68 5.6 4.1 6.1

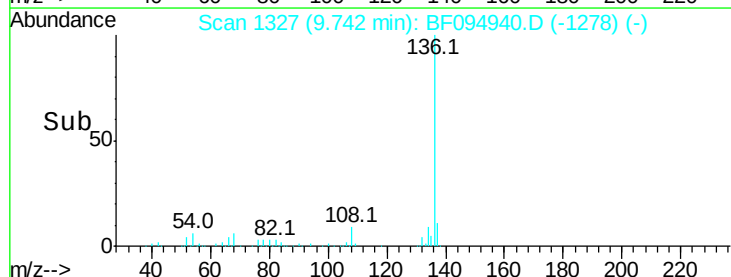
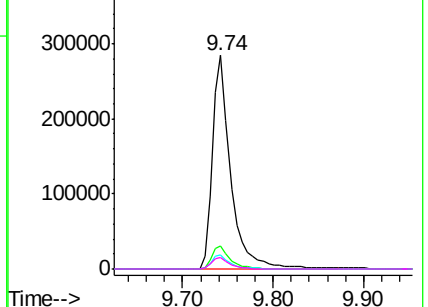


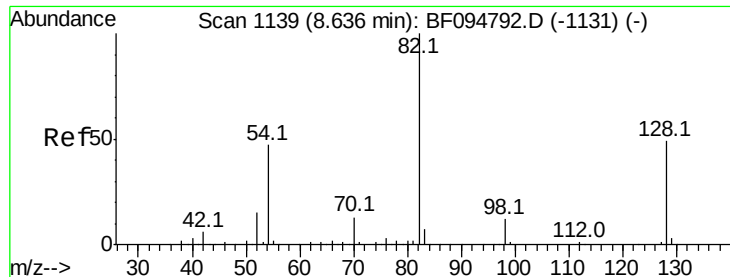
Abundance Ion 136.00 (135.70 to 136.70): E

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

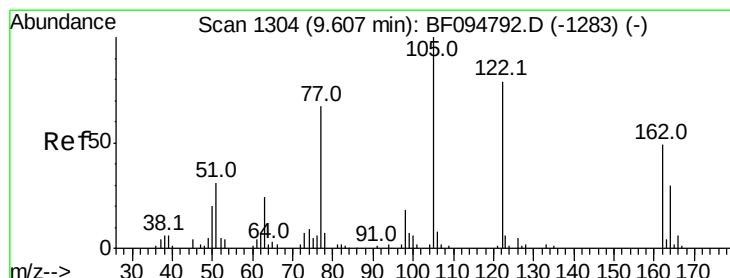
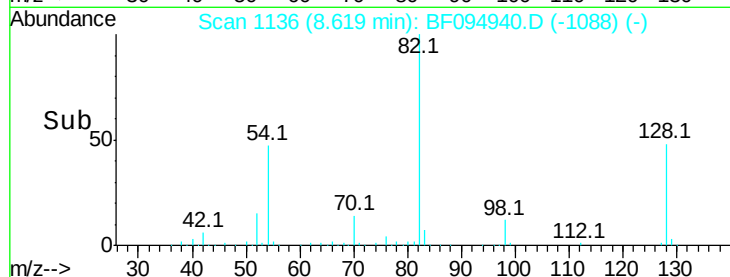
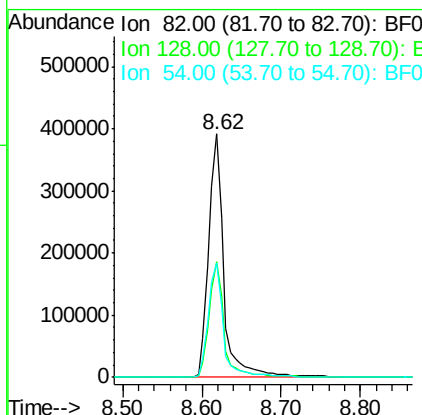
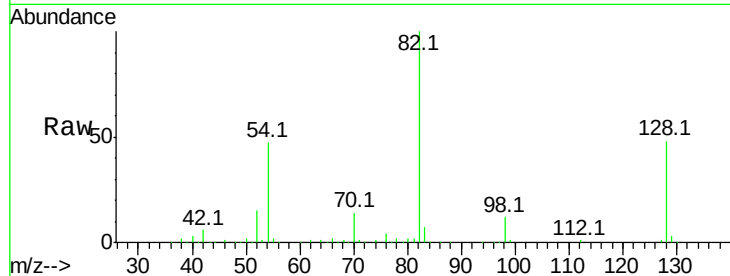




#23
 Nitrobenzene-d5
 Concen: 82.81 ng
 RT: 8.62 min Scan# 1136
 Delta R.T. -0.02 min
 Lab File: BF094940.D
 Acq: 6 May 2017 3:42

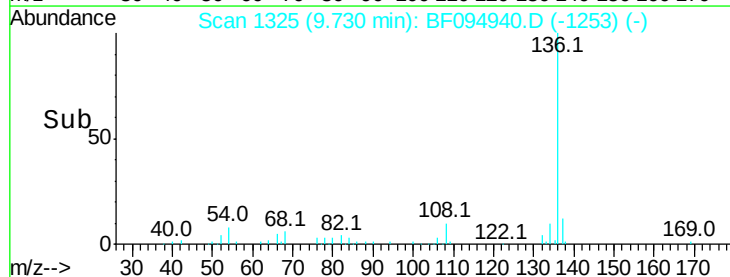
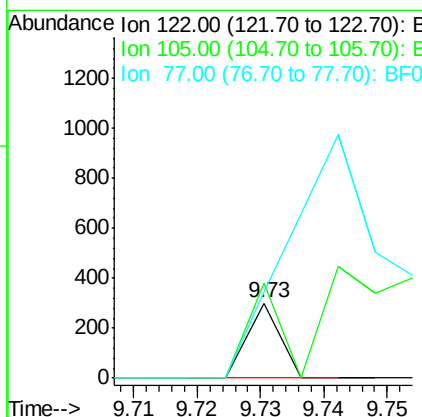
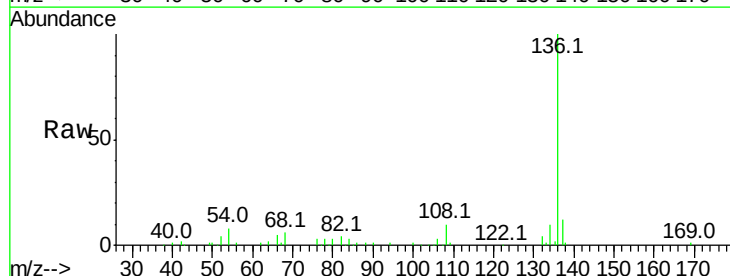
Instrument :
 BNA_F
 ClientSampled :

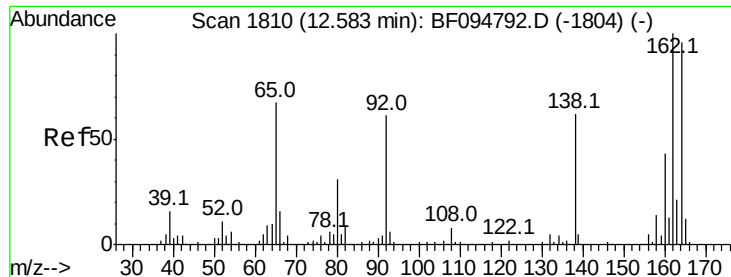
Tot Ion: 82 Resp: 526044
 Ion Ratio Lower Upper
 82 100
 128 47.5 34.0 51.0
 54 46.8 42.2 63.2



#32
 Benzoic acid
 Concen: 5.11 ng
 RT: 9.73 min Scan# 1325
 Delta R.T. 0.12 min
 Lab File: BF094940.D
 Acq: 6 May 2017 3:42

Tgt Ion:122 Resp: 106
 Ion Ratio Lower Upper
 122 100
 105 127.0 103.3 143.3
 77 114.7 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: BF094940.D

Acq: 6 May 2017 3:42

Instrument :

BNA_F

ClientSampleId :

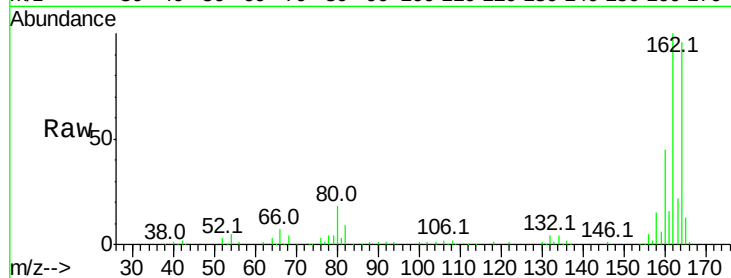
Tot Ion:164 Resp: 175780

Ion Ratio Lower Upper

164 100

162 104.6 82.6 123.8

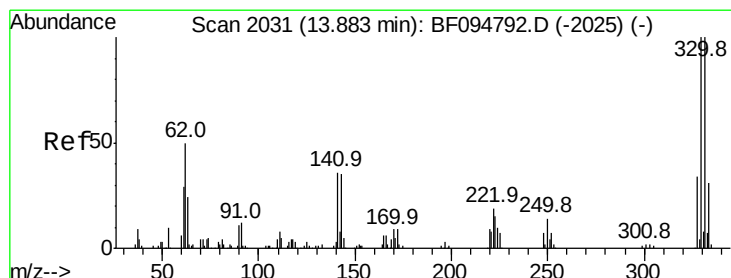
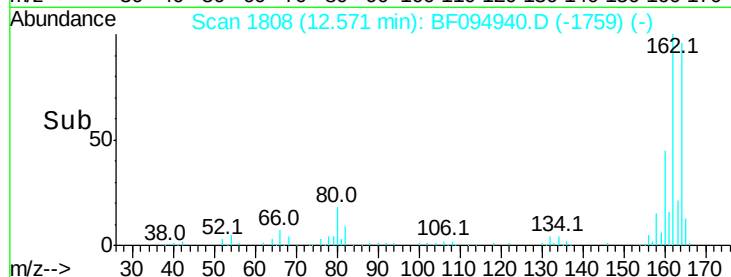
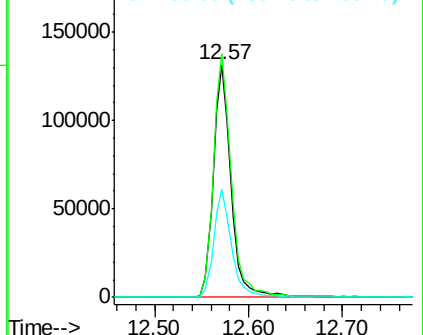
160 46.6 36.2 54.2



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: 136.53 ng

RT: 13.87 min Scan# 2028

Delta R.T. -0.02 min

Lab File: BF094940.D

Acq: 6 May 2017 3:42

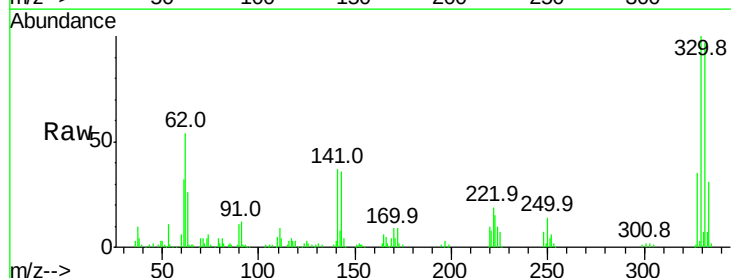
Tgt Ion:330 Resp: 196542

Ion Ratio Lower Upper

330 100

332 97.1 76.6 115.0

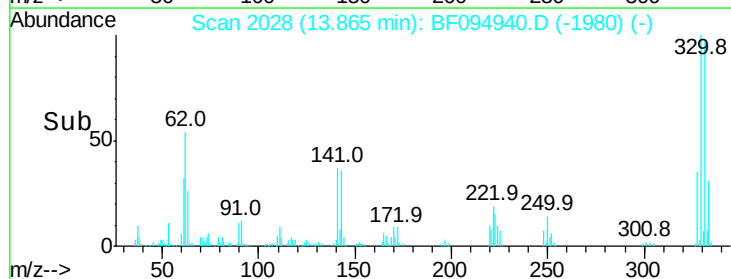
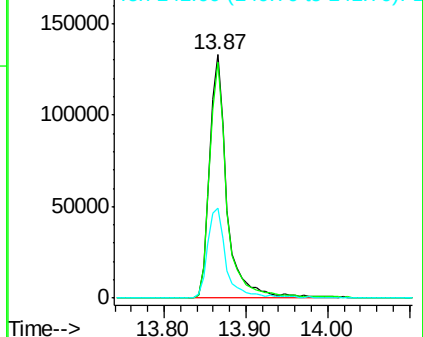
141 39.5 31.4 47.2

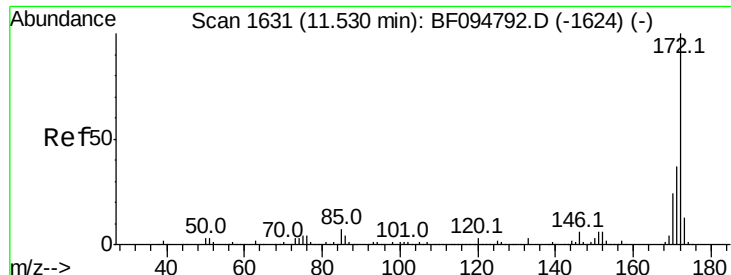


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

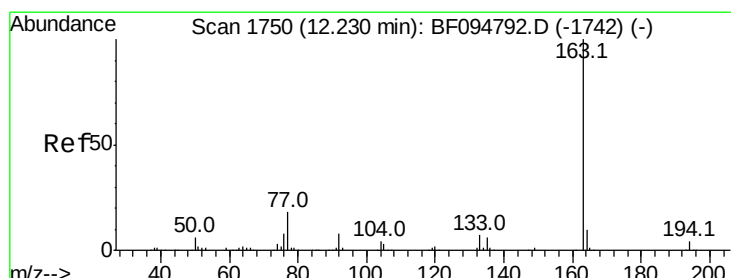
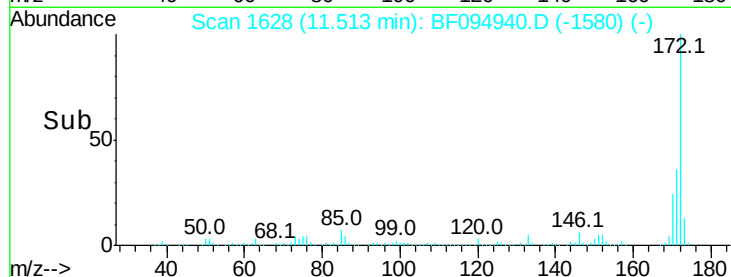
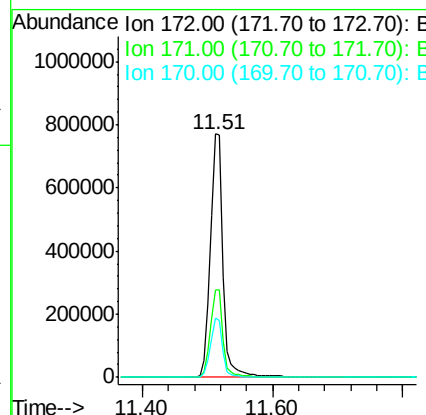
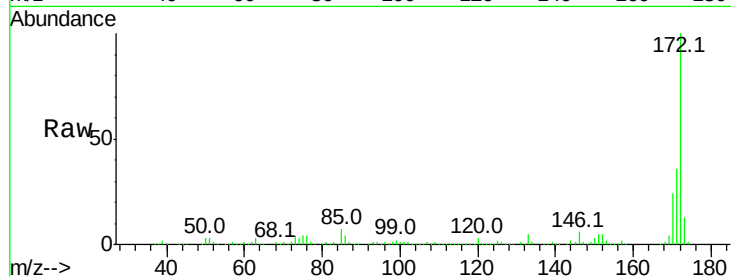




#44
2-Fluorobiphenyl
Concen: 85.23 ng
RT: 11.51 min Scan# 1628
Delta R.T. -0.02 min
Lab File: BF094940.D
Acq: 6 May 2017 3:42

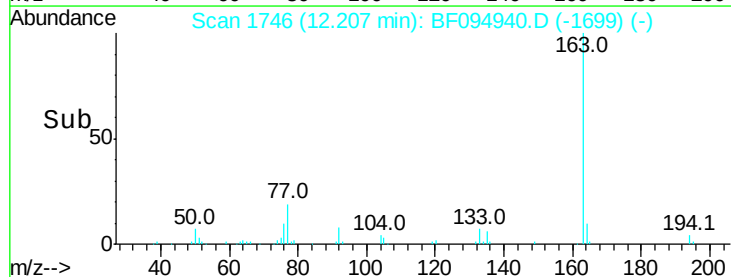
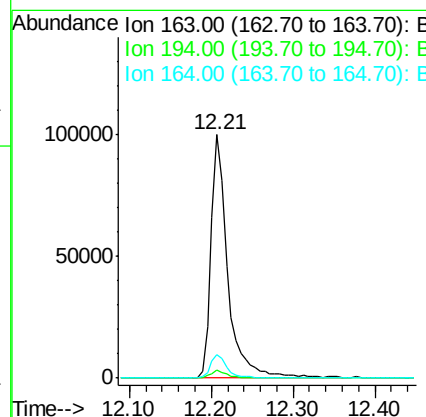
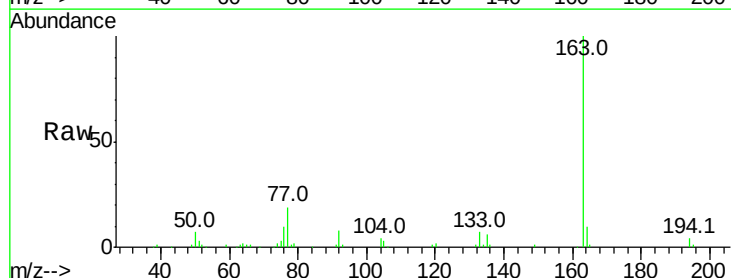
Instrument :
BNA_F
ClientSampleId :

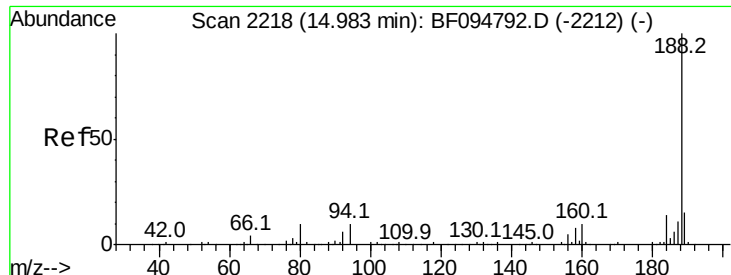
Tot Ion:172 Resp: 1040833
Ion Ratio Lower Upper
172 100
171 36.1 29.6 44.4
170 24.1 19.8 29.8



#49
Dimethylphthalate
Concen: 9.90 ng
RT: 12.21 min Scan# 1746
Delta R.T. -0.02 min
Lab File: BF094940.D
Acq: 6 May 2017 3:42

Tgt Ion:163 Resp: 142908
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 9.8 8.4 12.6

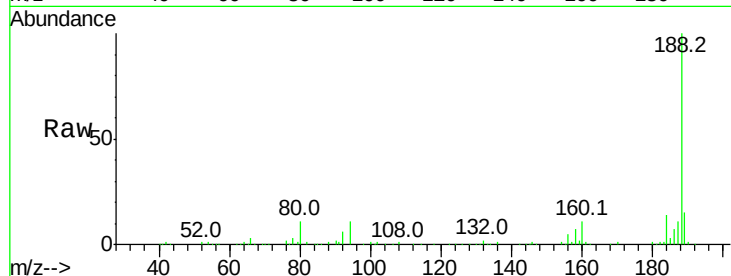




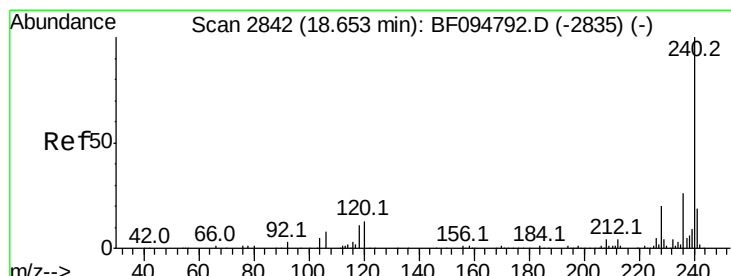
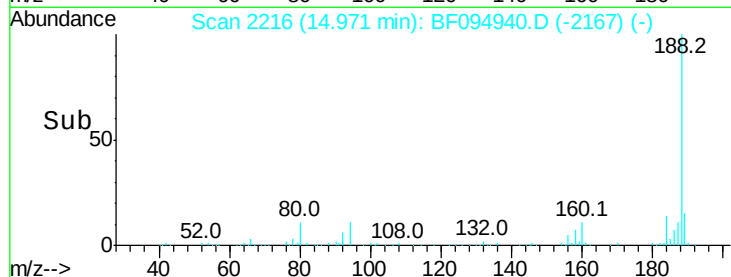
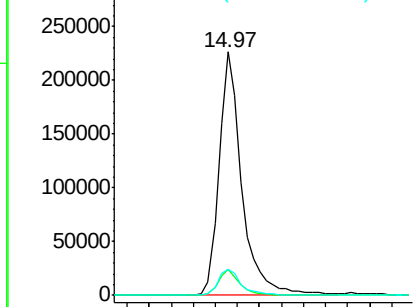
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.97 min Scan# 2216
 Delta R.T. -0.01 min
 Lab File: BF094940.D
 Acq: 6 May 2017 3:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
188	100		
94	10.8	9.4	14.2
80	10.8	10.2	15.2

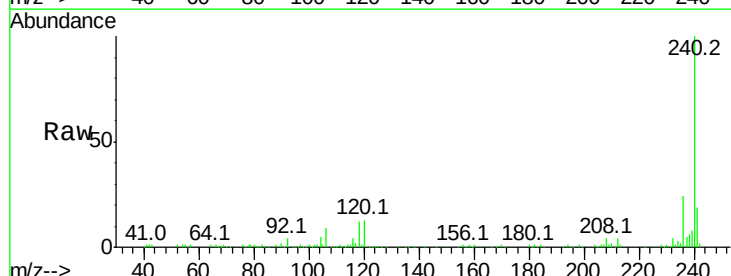


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

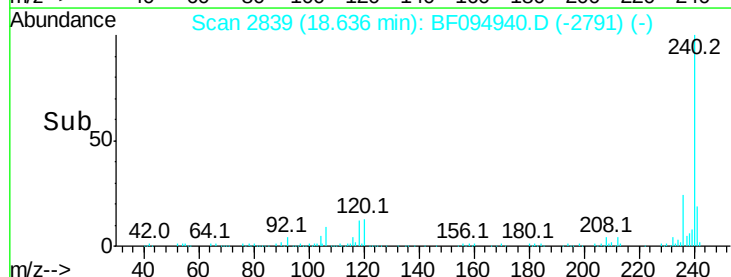
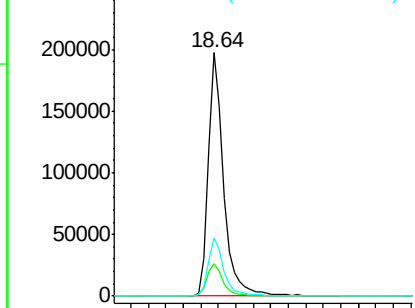


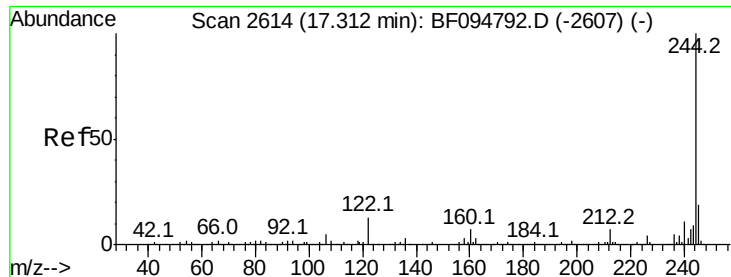
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.64 min Scan# 2839
 Delta R.T. -0.02 min
 Lab File: BF094940.D
 Acq: 6 May 2017 3:42

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.1	5.8	8.8#
236	23.7	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

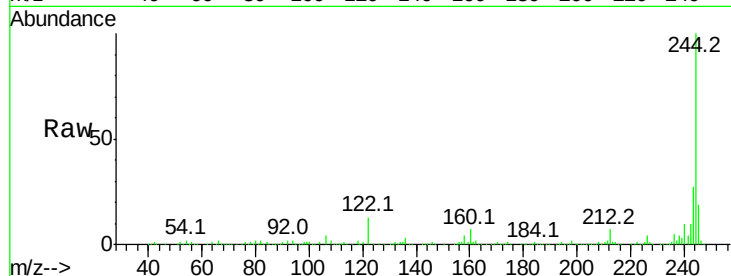




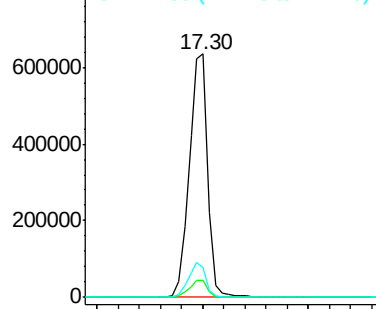
#78
 Terphenyl-d14
 Concen: 70.88 ng
 RT: 17.30 min Scan# 2612
 Delta R.T. -0.01 min
 Lab File: BF094940.D
 Acq: 6 May 2017 3:42

Instrument :
 BNA_F
 ClientSampleId :

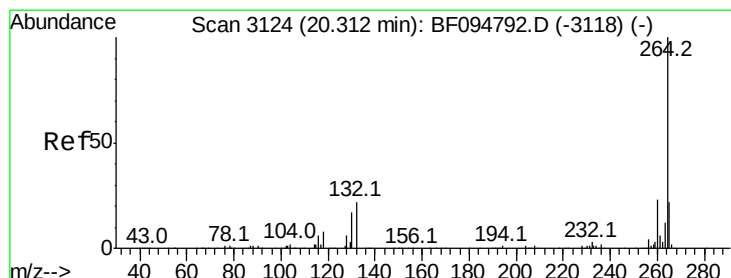
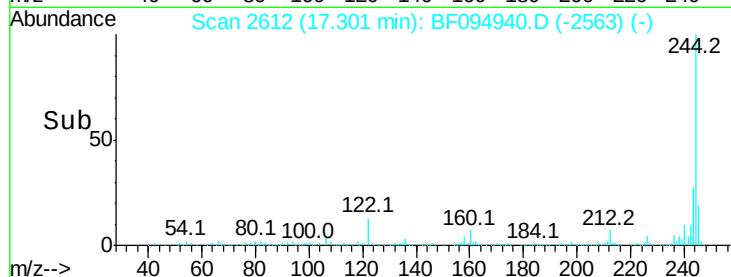
Tot Ion:244 Resp: 777583
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 12.5 10.3 15.5



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

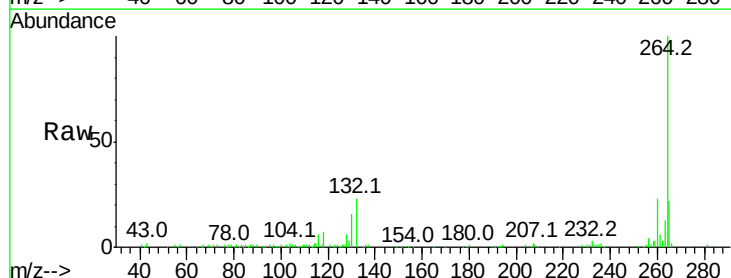


Time--> 17.20 17.30 17.40

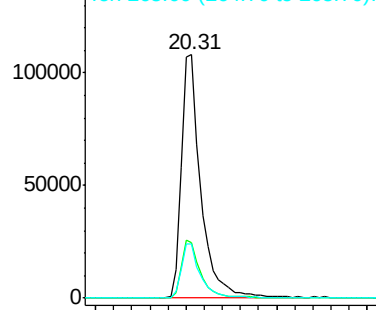


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.31 min Scan# 3123
 Delta R.T. -0.01 min
 Lab File: BF094940.D
 Acq: 6 May 2017 3:42

Tgt Ion:264 Resp: 163180
 Ion Ratio Lower Upper
 264 100
 260 22.9 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



Time--> 20.20 20.30 20.40

