

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050417\
 Data File : BF094894.D
 Acq On : 5 May 2017 1:59
 Operator : SJ/MA
 Sample : I2930-12
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 05 03:50:59 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

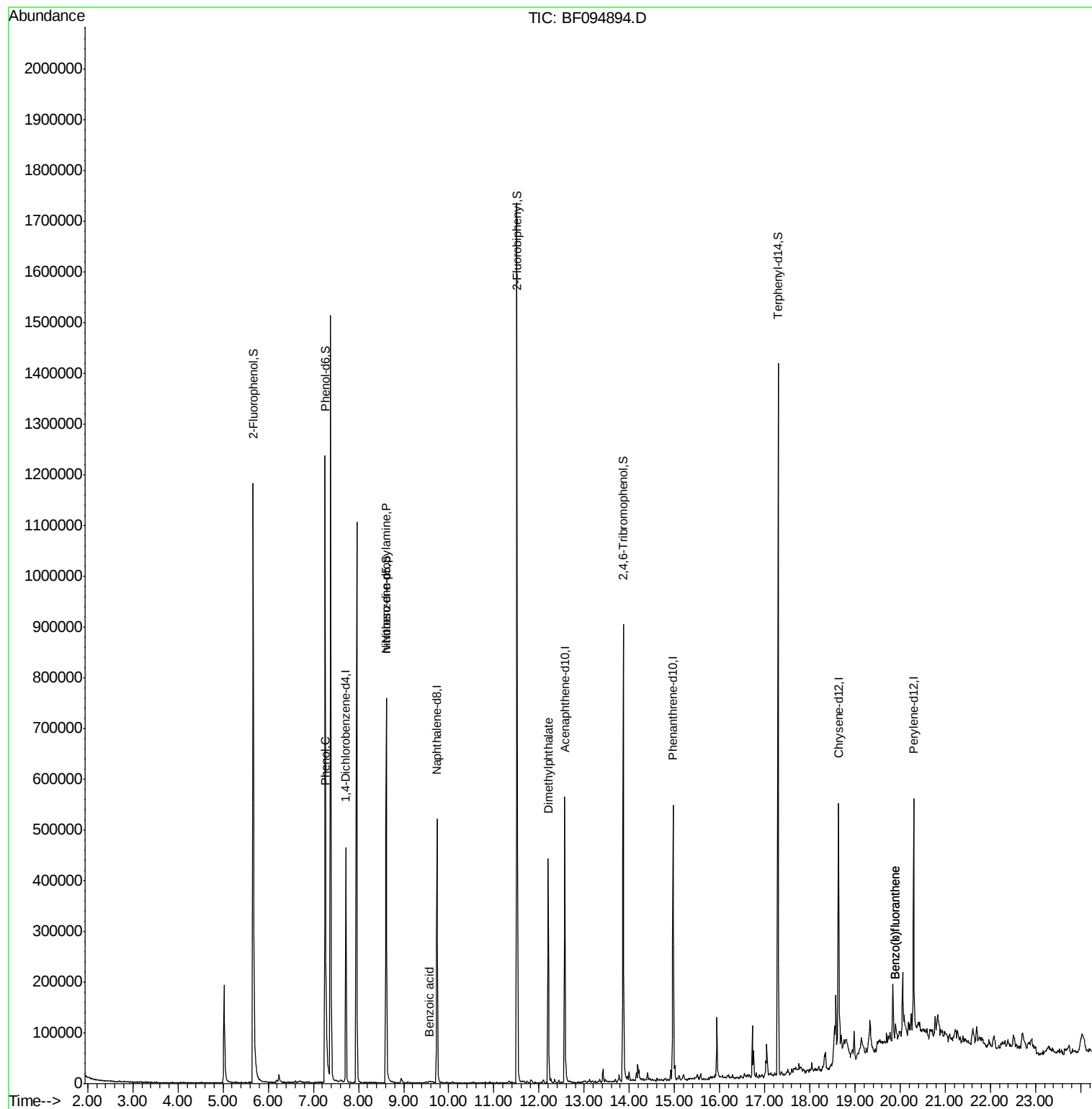
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	91912	20.00	ng	-0.01
21) Naphthalene-d8	9.74	136	349375	20.00	ng	-0.01
38) Acenaphthene-d10	12.57	164	161279	20.00	ng	-0.01
63) Phenanthrene-d10	14.97	188	266245	20.00	ng	-0.01
75) Chrysene-d12	18.64	240	197134	20.00	ng	-0.02
86) Perylene-d12	20.30	264	181906	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	556228	100.90	ng	-0.01
7) Phenol-d6	7.26	99	683445	103.32	ng	-0.02
23) Nitrobenzene-d5	8.61	82	354978	64.07	ng	-0.02
41) 2,4,6-Tribromophenol	13.87	330	138343	104.74	ng	-0.02
44) 2-Fluorobiphenyl	11.51	172	723018	64.53	ng	-0.02
78) Terphenyl-d14	17.29	244	499204	55.78	ng	-0.02
Target Compounds						
10) Phenol	7.28	94	15273	2.19	ng	# 66
19) n-Nitroso-di-n-propylamine	8.61	70	44736	10.00	ng	# 77
32) Benzoic acid	9.57	122	1719	5.54	ng	# 84
49) Dimethylphthalate	12.21	163	264887	20.01	ng	98
87) Benzo(b)fluoranthene	19.89	252	23213	2.07	ng	# 91
88) Benzo(k)fluoranthene	19.89	252	23213	2.14	ng	95

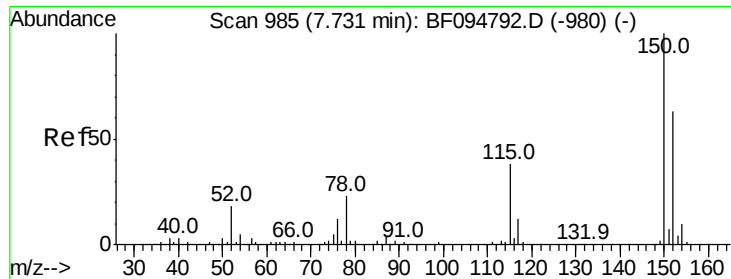
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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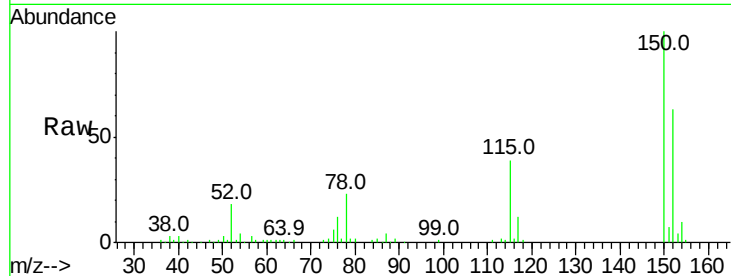


#1

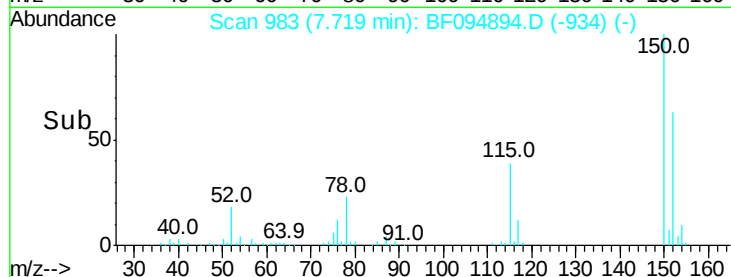
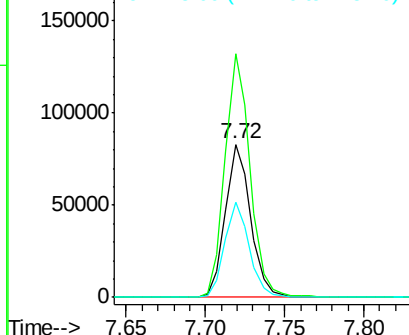
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF094894.D
Acq: 5 May 2017 1:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 91912
Ion Ratio Lower Upper
152 100
150 159.2 126.2 189.2
115 62.4 52.2 78.2



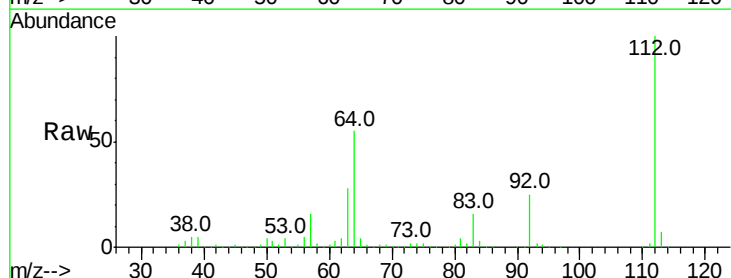
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



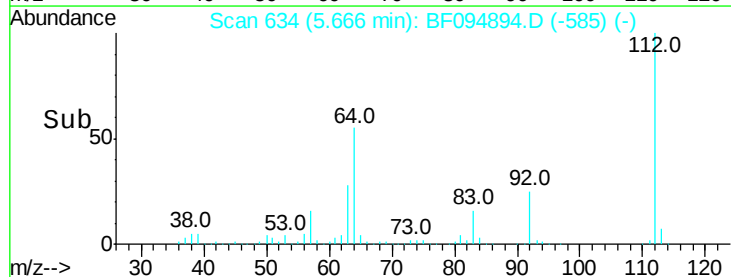
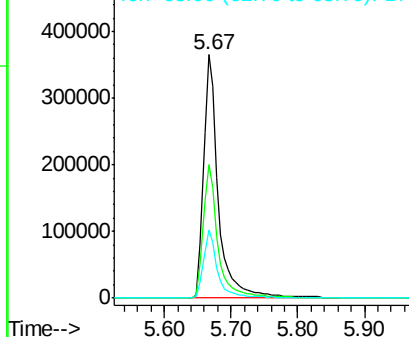
#5

2-Fluorophenol
Concen: 100.90 ng
RT: 5.67 min Scan# 634
Delta R.T. -0.01 min
Lab File: BF094894.D
Acq: 5 May 2017 1:59

Tgt Ion:112 Resp: 556228
Ion Ratio Lower Upper
112 100
64 55.0 46.0 69.0
63 27.8 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: 103.32 ng

RT: 7.26 min Scan# 905

Delta R.T. -0.02 min

Lab File: BF094894.D

Acq: 5 May 2017 1:59

Instrument :

BNA_F

ClientSampled :

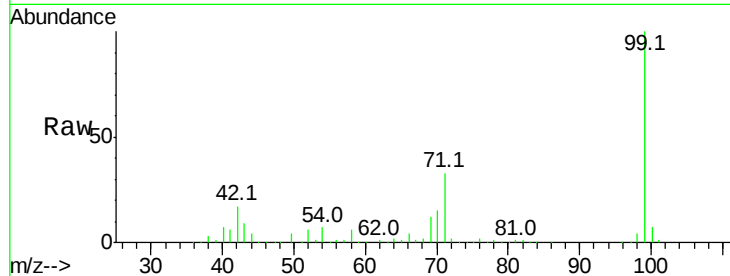
Tot Ion: 99 Resp: 683445

Ion Ratio Lower Upper

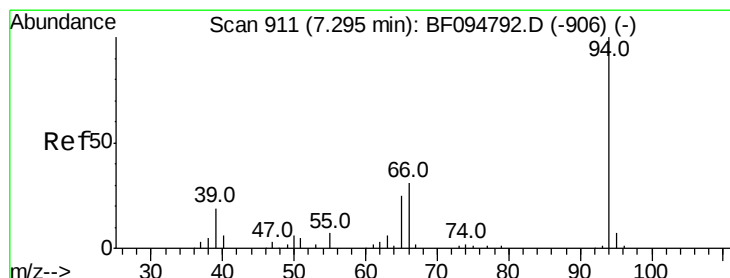
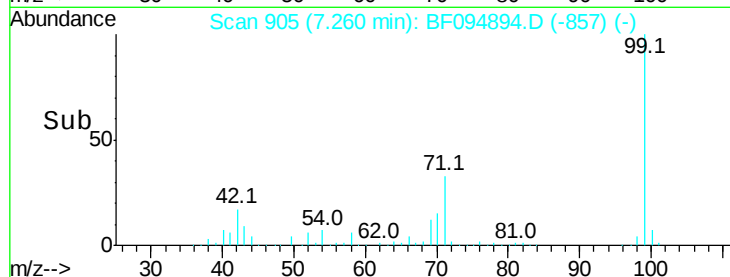
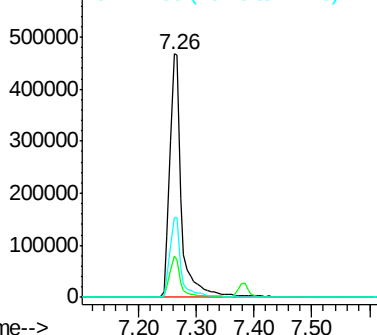
99 100

42 16.8 13.5 20.3

71 32.7 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: 2.19 ng

RT: 7.28 min Scan# 908

Delta R.T. -0.02 min

Lab File: BF094894.D

Acq: 5 May 2017 1:59

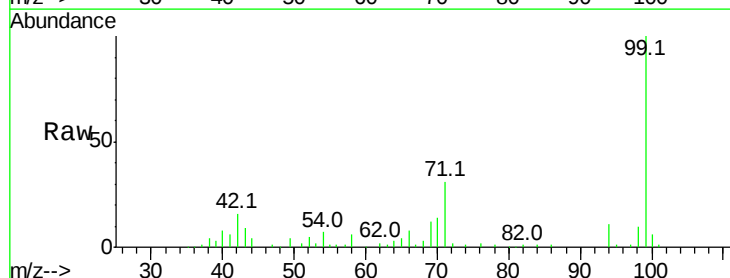
Tgt Ion: 94 Resp: 15273

Ion Ratio Lower Upper

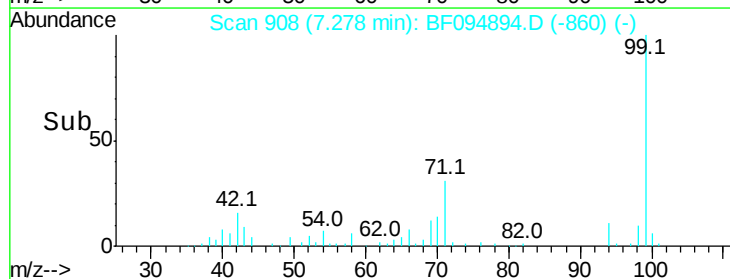
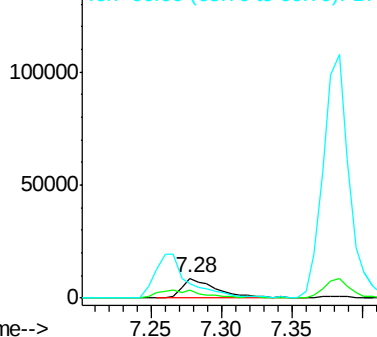
94 100

65 39.8 9.9 49.9

66 71.6 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

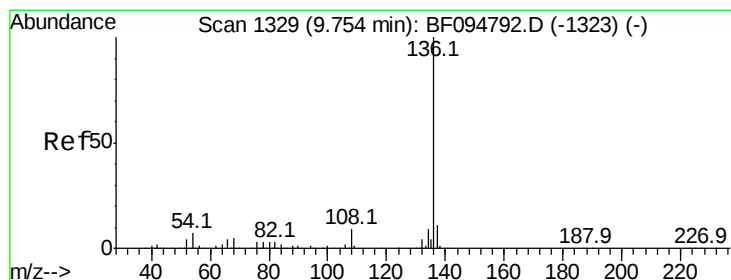
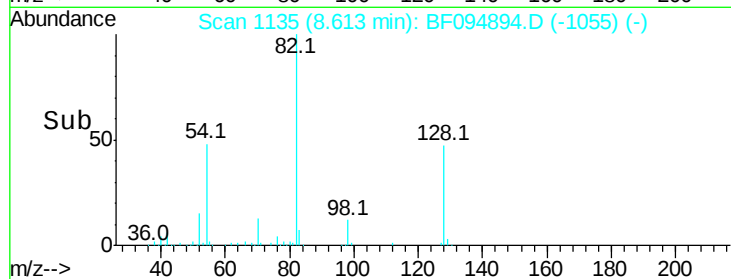
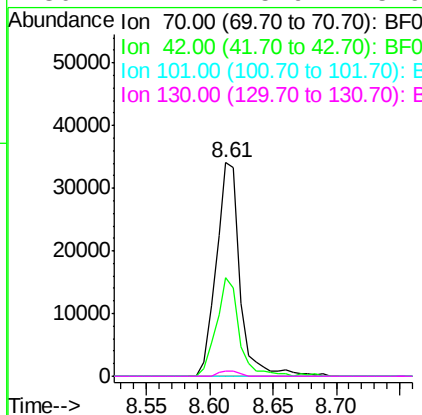
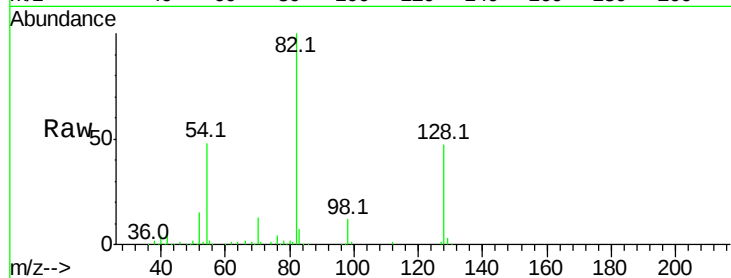




#19
n-Nitroso-di-n-propylamine
Concen: 10.00 ng
RT: 8.61 min Scan# 1135
Delta R.T. 0.17 min
Lab File: BF094894.D
Acq: 5 May 2017 1:59

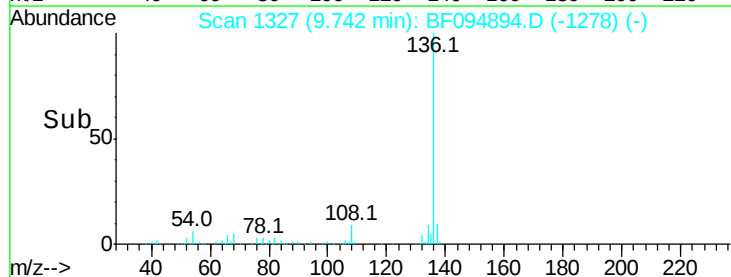
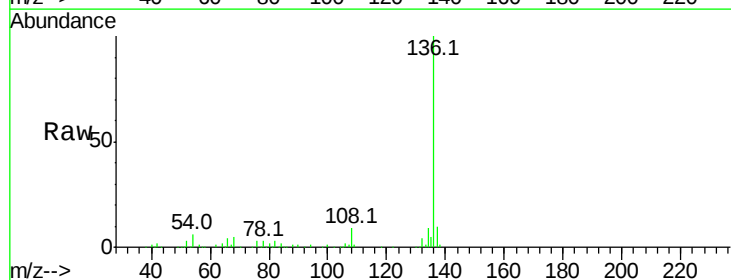
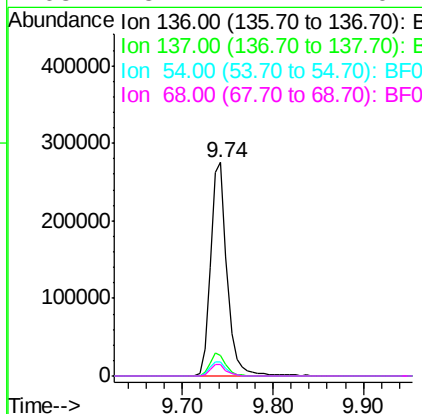
Instrument :
BNA_F
ClientSampleId :

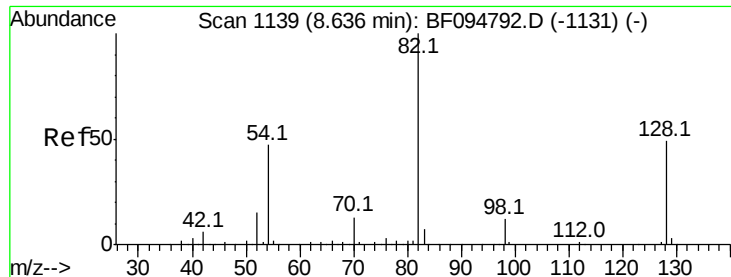
Tot Ion: 70 Resp: 44736
Ion Ratio Lower Upper
70 100
42 46.3 47.2 70.8#
101 0.0 7.2 10.8#
130 2.1 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.74 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF094894.D
Acq: 5 May 2017 1:59

Tgt Ion:136 Resp: 349375
Ion Ratio Lower Upper
136 100
137 9.9 8.5 12.7
54 6.5 4.9 7.3
68 5.2 4.1 6.1

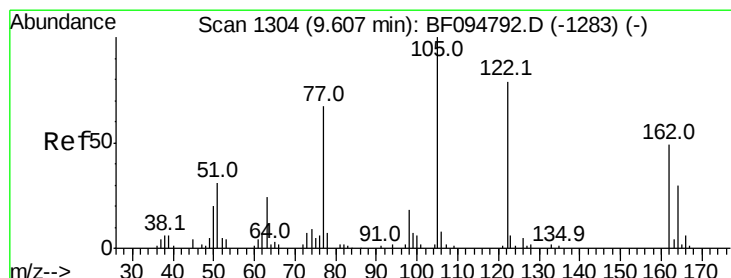
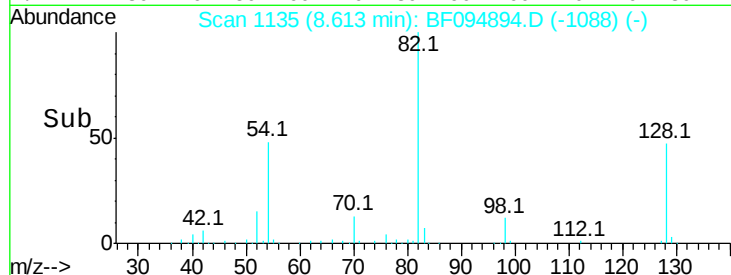
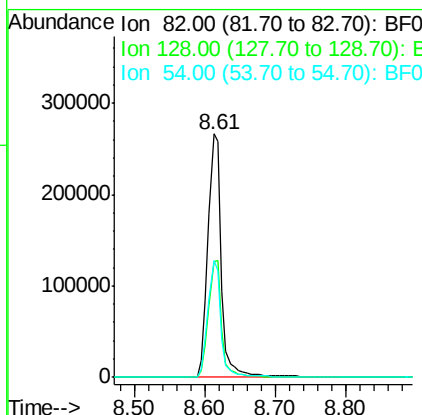
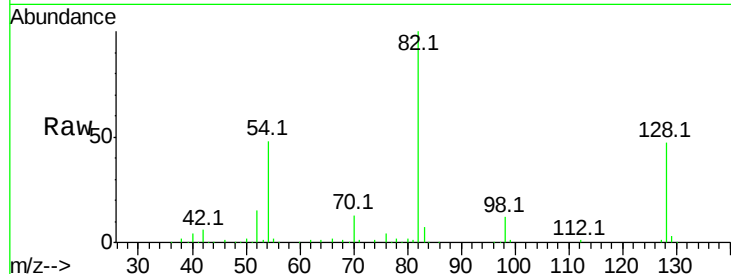




#23
 Nitrobenzene-d5
 Concen: 64.07 ng
 RT: 8.61 min Scan# 1135
 Delta R.T. -0.02 min
 Lab File: BF094894.D
 Acq: 5 May 2017 1:59

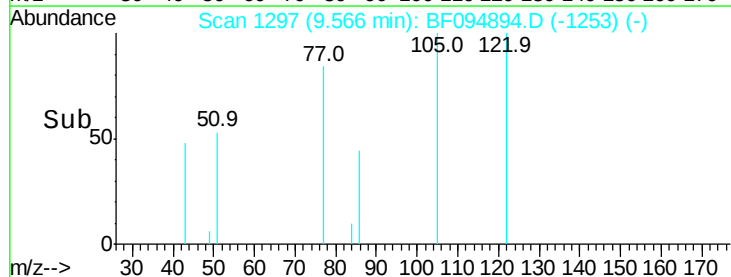
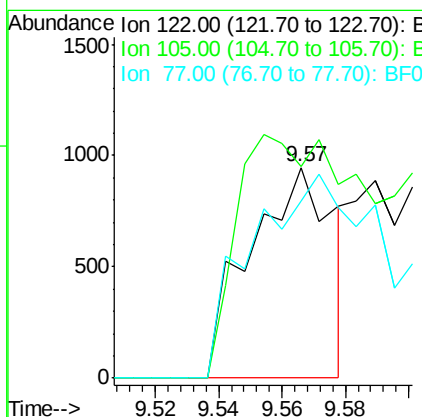
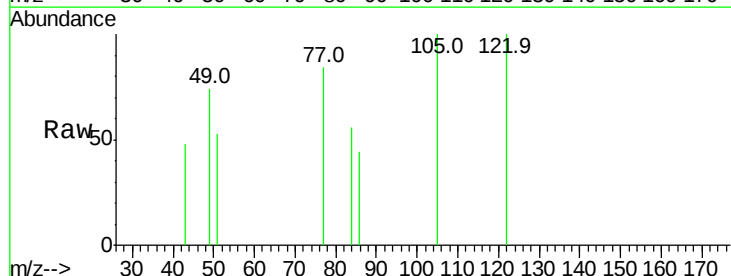
Instrument :
 BNA_F
 ClientSampleId :

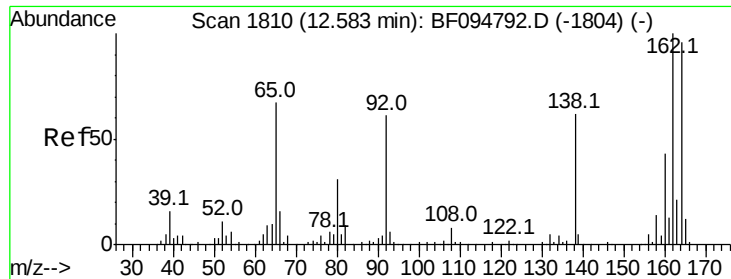
Tot Ion: 82 Resp: 354978
 Ion Ratio Lower Upper
 82 100
 128 47.3 34.0 51.0
 54 48.1 42.2 63.2



#32
 Benzoic acid
 Concen: 5.54 ng
 RT: 9.57 min Scan# 1297
 Delta R.T. -0.04 min
 Lab File: BF094894.D
 Acq: 5 May 2017 1:59

Tgt Ion:122 Resp: 1719
 Ion Ratio Lower Upper
 122 100
 105 100.4 103.3 143.3#
 77 83.9 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: BF094894.D

Acq: 5 May 2017 1:59

Instrument :

BNA_F

ClientSampleId :

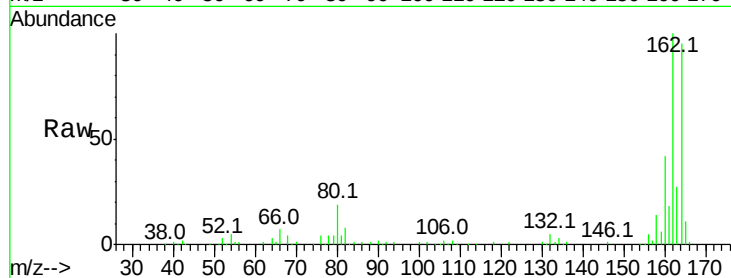
Tot Ion:164 Resp: 161279

Ion Ratio Lower Upper

164 100

162 105.1 82.6 123.8

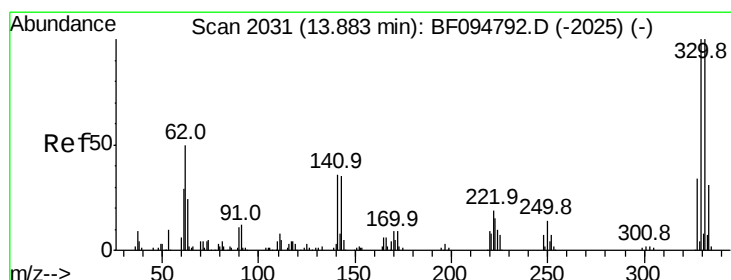
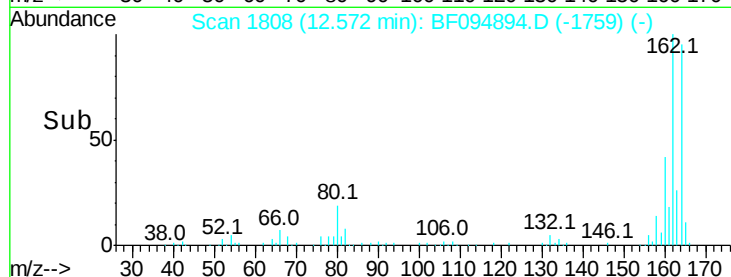
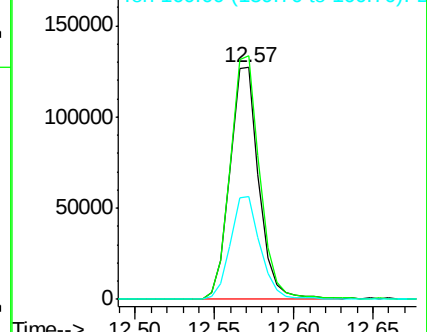
160 44.2 36.2 54.2



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: 104.74 ng

RT: 13.87 min Scan# 2028

Delta R.T. -0.02 min

Lab File: BF094894.D

Acq: 5 May 2017 1:59

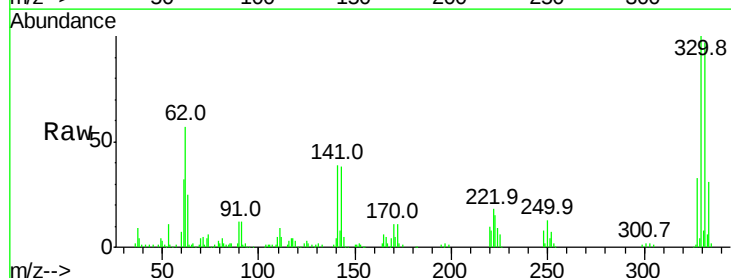
Tgt Ion:330 Resp: 138343

Ion Ratio Lower Upper

330 100

332 97.0 76.6 115.0

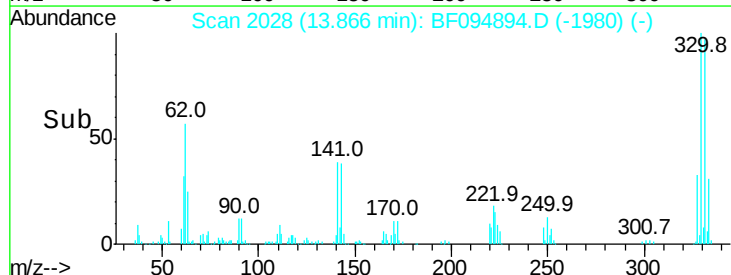
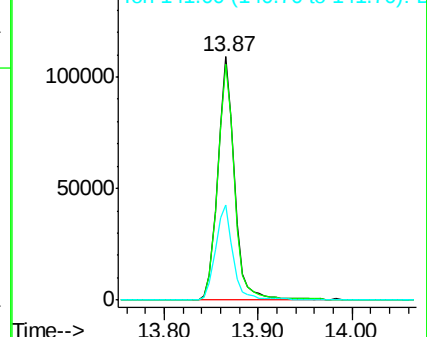
141 40.8 31.4 47.2



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

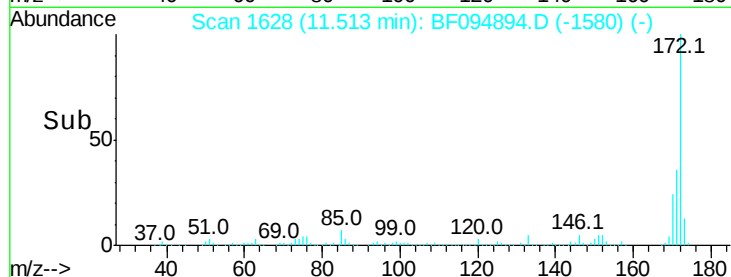
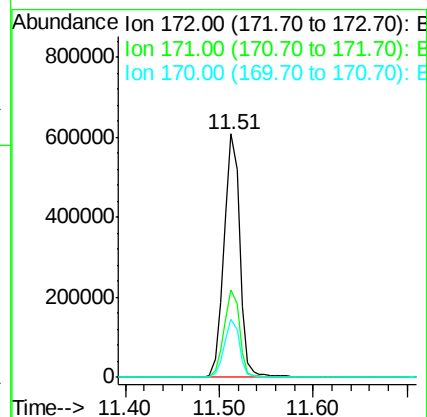
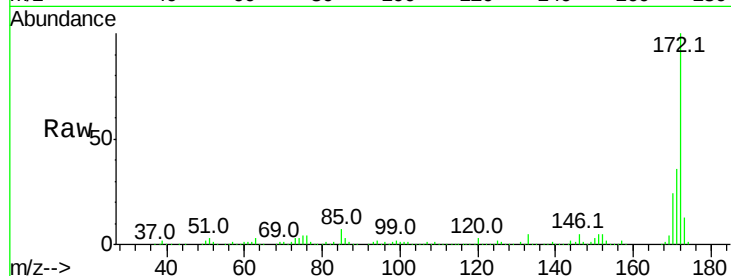




#44
2-Fluorobiphenyl
Concen: 64.53 ng
RT: 11.51 min Scan# 1628
Delta R.T. -0.02 min
Lab File: BF094894.D
Acq: 5 May 2017 1:59

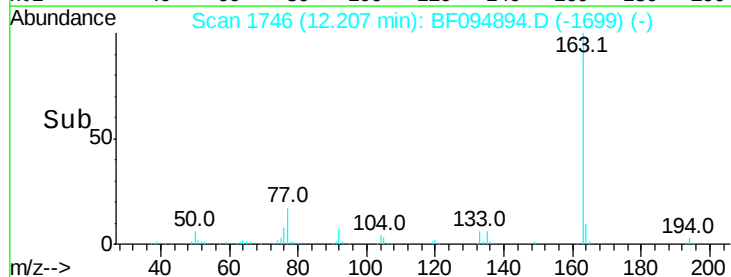
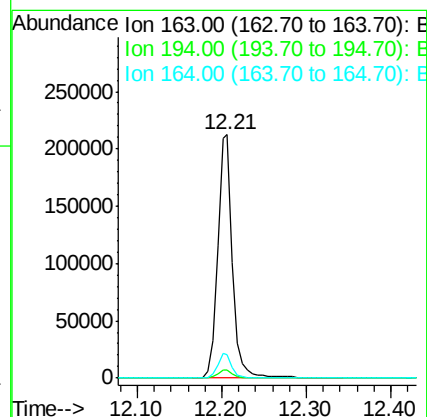
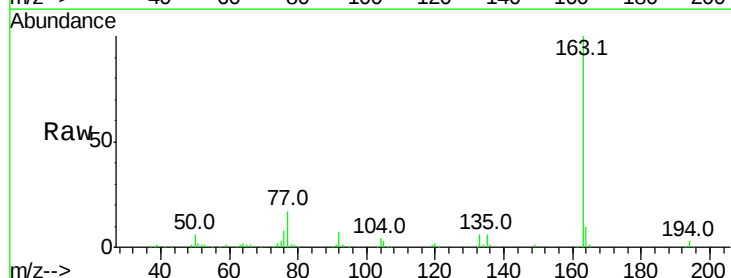
Instrument :
BNA_F
ClientSampleId :

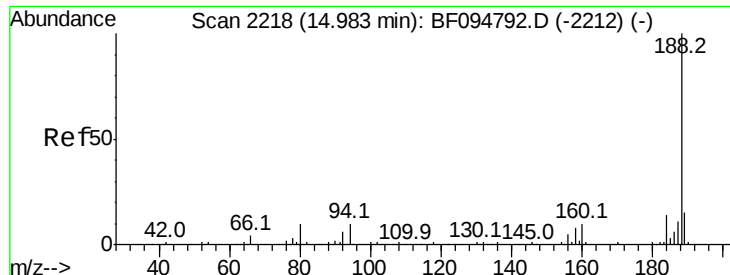
Tot Ion:172 Resp: 723018
Ion Ratio Lower Upper
172 100
171 36.0 29.6 44.4
170 23.7 19.8 29.8



#49
Dimethylphthalate
Concen: 20.01 ng
RT: 12.21 min Scan# 1746
Delta R.T. -0.02 min
Lab File: BF094894.D
Acq: 5 May 2017 1:59

Tgt Ion:163 Resp: 264887
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 9.6 8.4 12.6

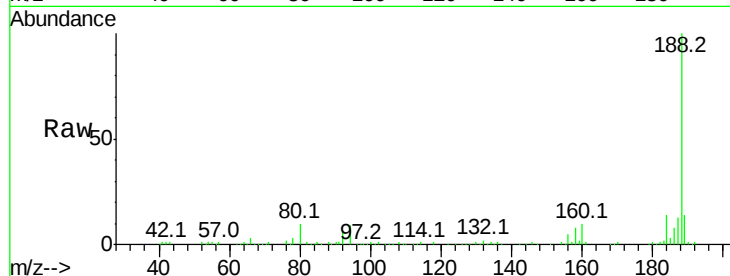




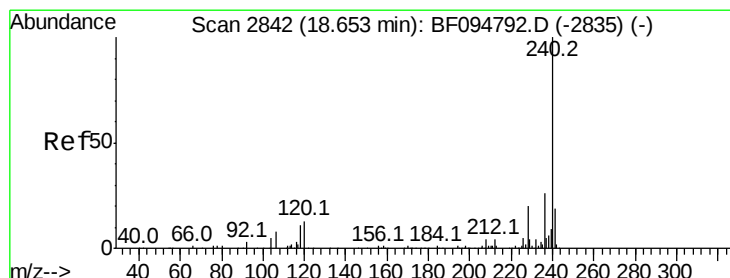
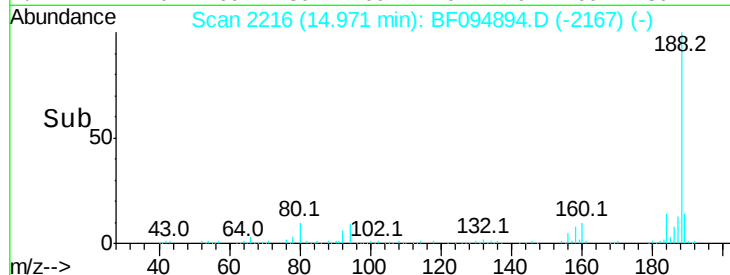
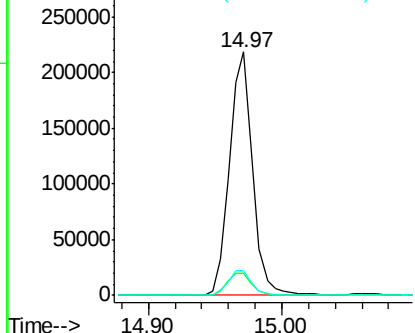
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.97 min Scan# 2216
Delta R.T. -0.01 min
Lab File: BF094894.D
Acq: 5 May 2017 1:59

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.3	9.4	14.2#
80	10.0	10.2	15.2#

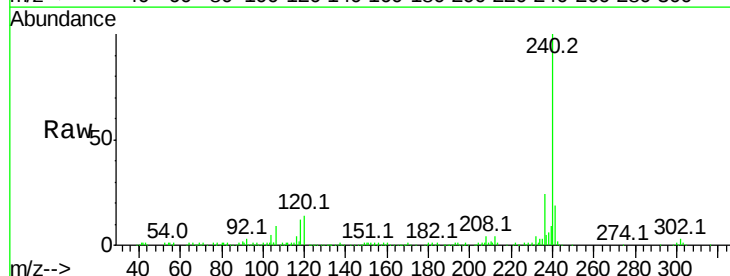


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

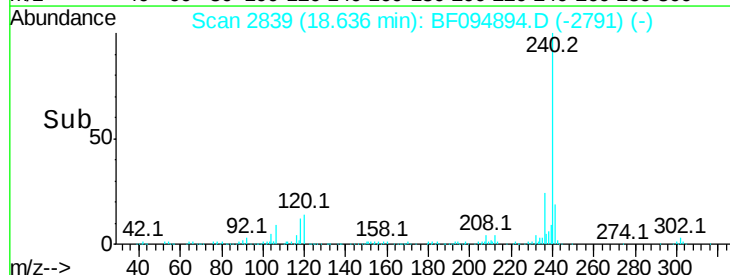
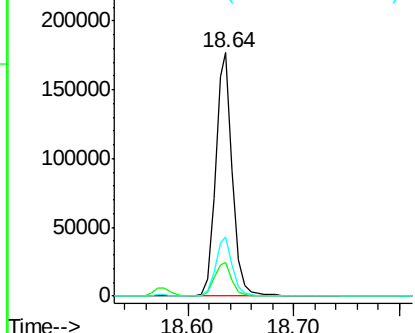


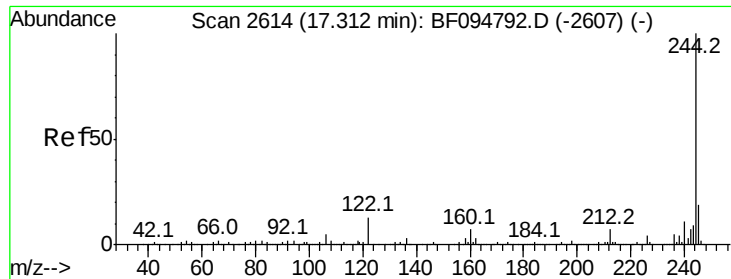
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.64 min Scan# 2839
Delta R.T. -0.02 min
Lab File: BF094894.D
Acq: 5 May 2017 1:59

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.9	5.8	8.8#
236	24.3	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

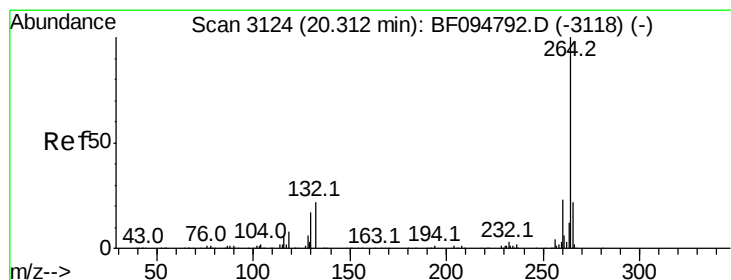
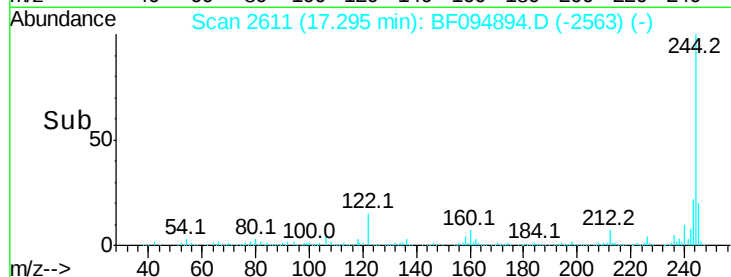
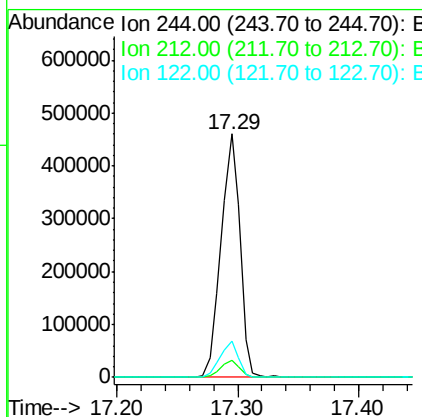
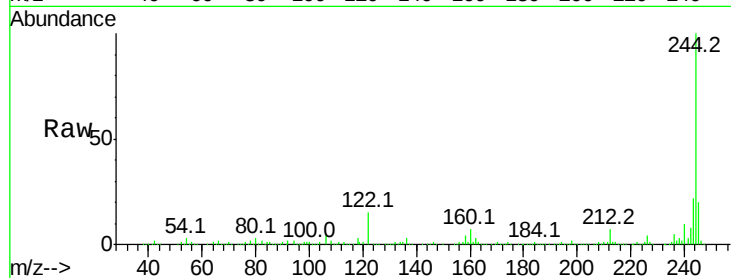




#78
 Terphenyl-d14
 Concen: 55.78 ng
 RT: 17.29 min Scan# 2611
 Delta R.T. -0.02 min
 Lab File: BF094894.D
 Acq: 5 May 2017 1:59

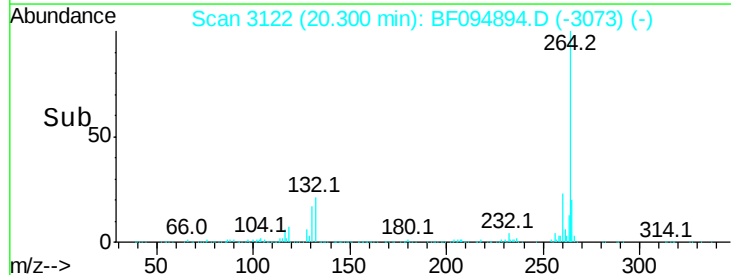
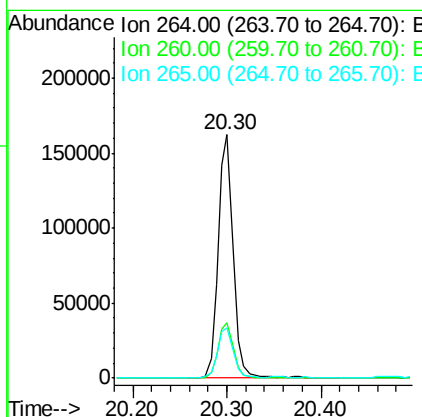
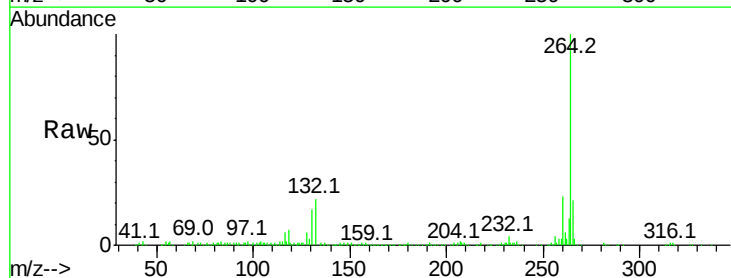
Instrument :
 BNA_F
 ClientSampleId :

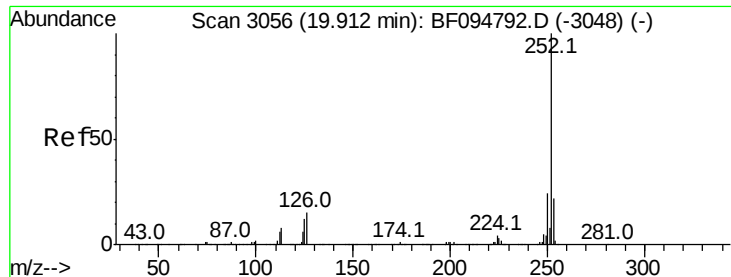
Tot Ion:244 Resp: 499204
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 15.0 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.30 min Scan# 3122
 Delta R.T. -0.01 min
 Lab File: BF094894.D
 Acq: 5 May 2017 1:59

Tgt Ion:264 Resp: 181906
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.5 29.3
 265 20.7 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 2.07 ng

RT: 19.89 min Scan# 3053

Delta R.T. -0.02 min

Lab File: BF094894.D

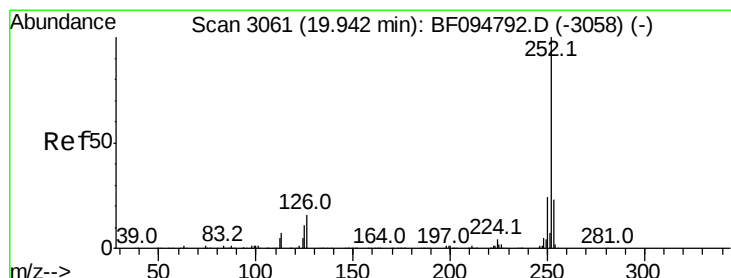
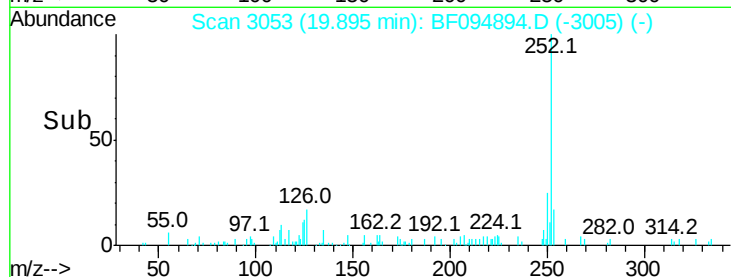
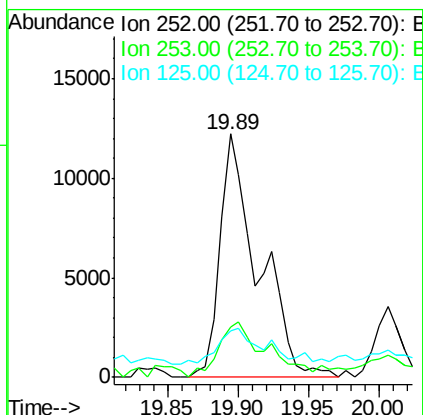
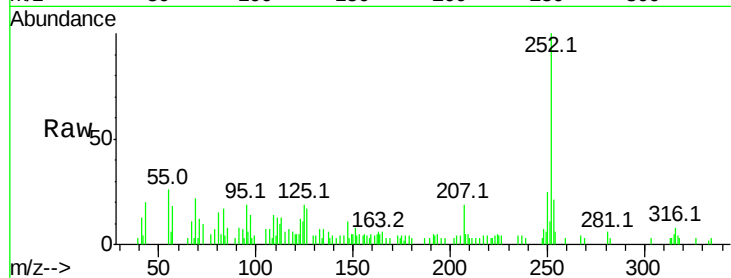
Acq: 5 May 2017 1:59

Instrument :

BNA_F

ClientSampleId :

Tot Ion:252	Resp:	23213
Ion Ratio	Lower	Upper
252	100	
253	20.7	18.1 27.1
125	19.2	9.8 14.8#



#88

Benzo(k)fluoranthene

Concen: 2.14 ng

RT: 19.89 min Scan# 3053

Delta R.T. -0.05 min

Lab File: BF094894.D

Acq: 5 May 2017 1:59

Tgt Ion:252	Resp:	23213
Ion Ratio	Lower	Upper
252	100	
253	20.7	18.4 27.6
125	19.2	13.1 19.7

