

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050117\
 Data File : BF094746.D
 Acq On : 1 May 2017 12:53
 Operator : SJ/MA
 Sample : I2912-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 01 15:19:47 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

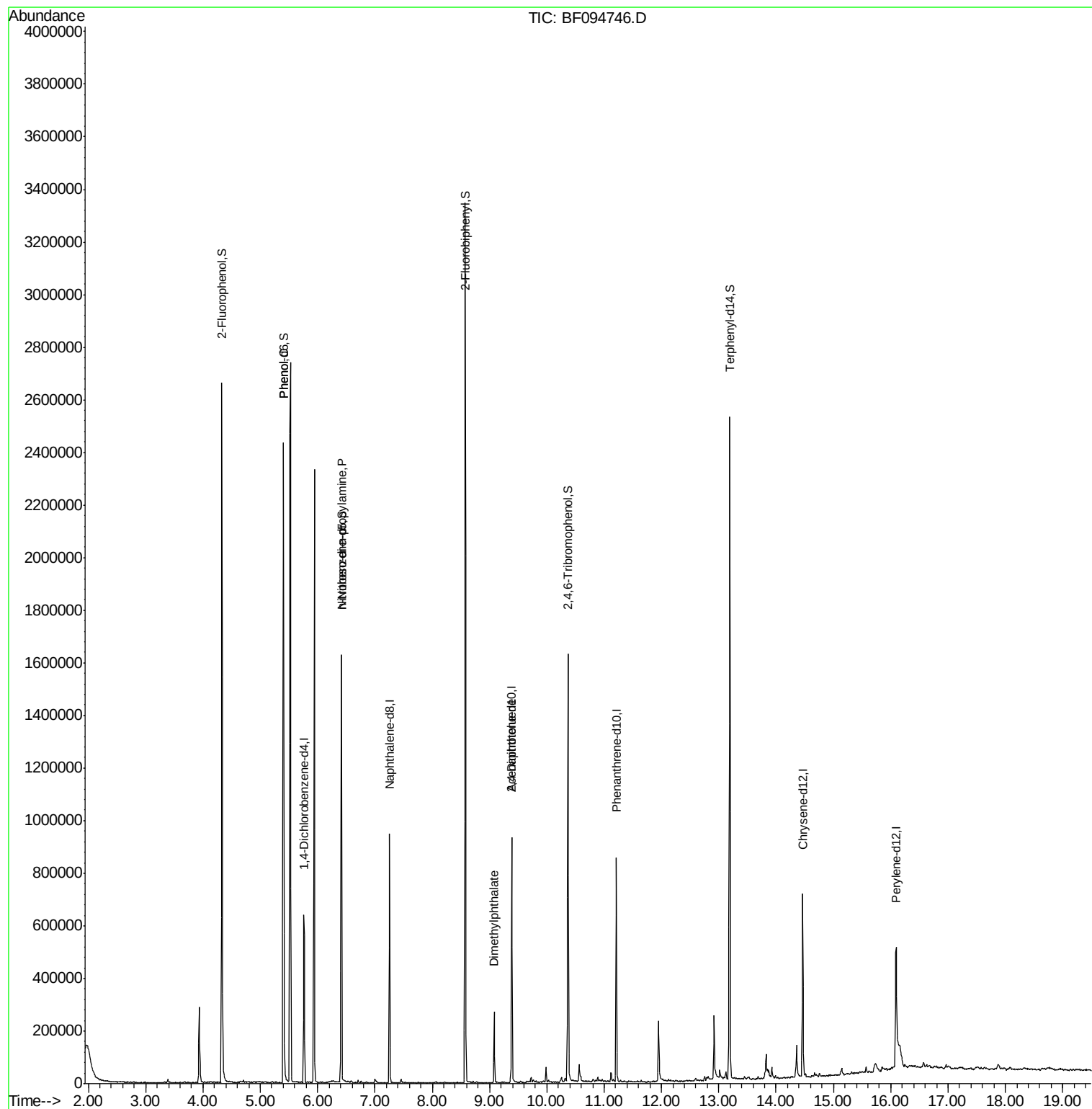
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.76	152	102300	20.00	ng	0.00
21) Naphthalene-d8	7.25	136	433716	20.00	ng	0.00
38) Acenaphthene-d10	9.39	164	205952	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	336346	20.00	ng	0.00
75) Chrysene-d12	14.47	240	276502	20.00	ng	0.00
86) Perylene-d12	16.09	264	184515	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.33	112	804278	130.43	ng	0.03
7) Phenol-d6	5.41	99	969589	133.38	ng	0.01
23) Nitrobenzene-d5	6.41	82	630814	89.81	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	203731	126.47	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	1136766	81.21	ng	0.00
78) Terphenyl-d14	13.20	244	914909	88.44	ng	0.00
Target Compounds						
10) Phenol	5.41	94	20371	2.28	ng	# 80
19) n-Nitroso-di-n-propylamine	6.41	70	82702	17.17	ng	# 77
49) Dimethylphthalate	9.08	163	126923	8.27	ng	100
56) 2,4-Dinitrotoluene	9.39	165	24819	5.87	ng	# 33

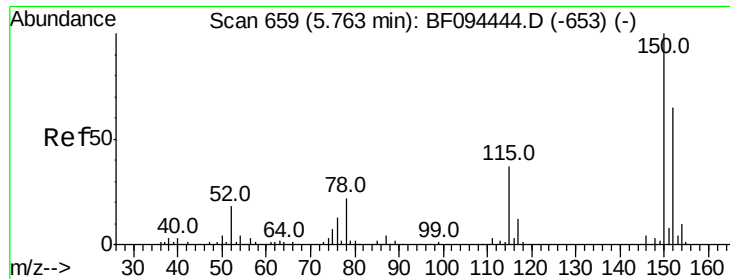
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.76 min Scan# 650

Delta R.T. -0.00 min

Lab File: BF094746.D

Acq: 1 May 2017 12:53

Instrument :

BNA_F

ClientSampled :

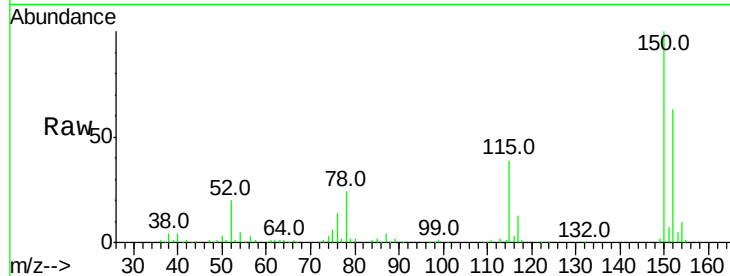
Tot Ion:152 Resp: 102300

Ion Ratio Lower Upper

152 100

150 159.4 126.2 189.2

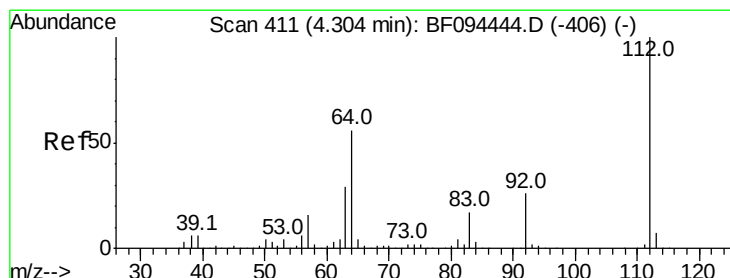
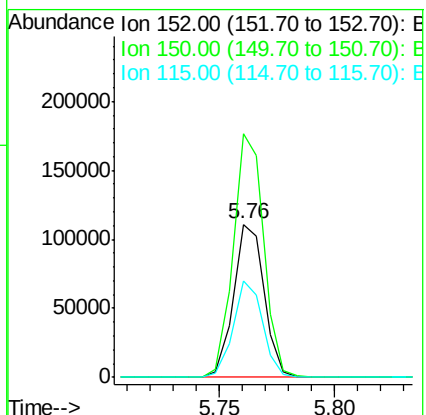
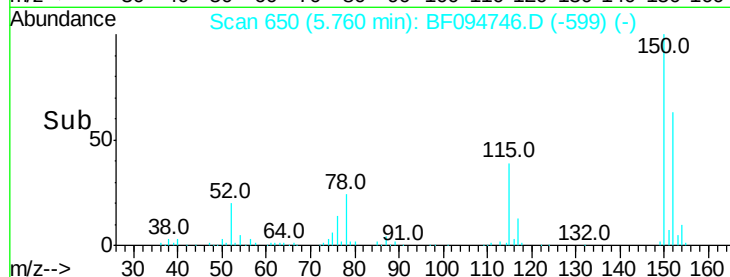
115 62.9 52.2 78.2



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: 130.43 ng

RT: 4.33 min Scan# 407

Delta R.T. 0.03 min

Lab File: BF094746.D

Acq: 1 May 2017 12:53

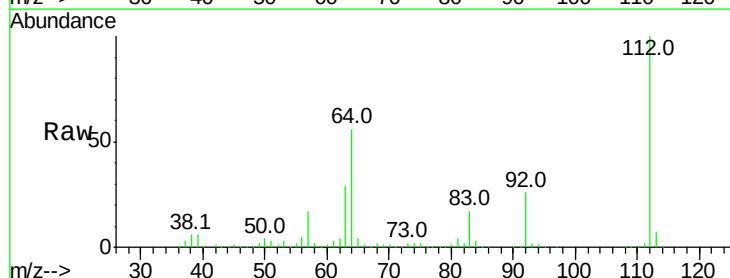
Tgt Ion:112 Resp: 804278

Ion Ratio Lower Upper

112 100

64 56.5 46.0 69.0

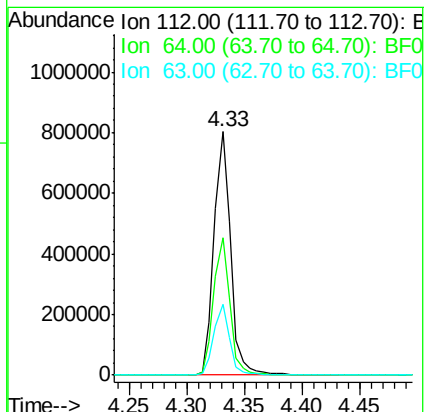
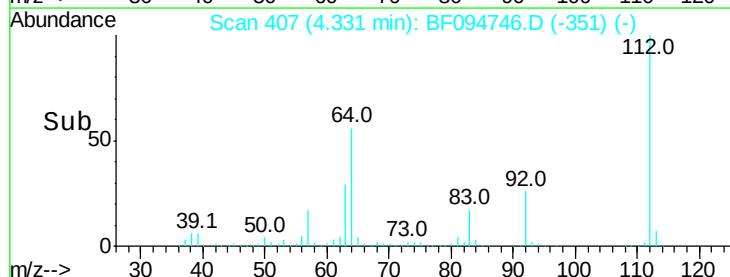
63 29.0 23.4 35.0

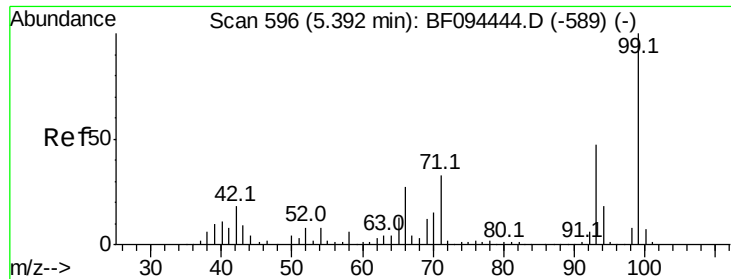


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 133.38 ng

RT: 5.41 min Scan# 590

Delta R.T. 0.01 min

Lab File: BF094746.D

Acq: 1 May 2017 12:53

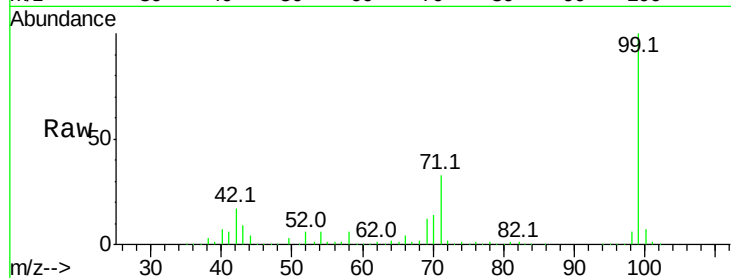
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 969589

Ion	Ratio	Lower	Upper
99	100		
42	16.7	13.5	20.3
71	33.4	24.5	36.7

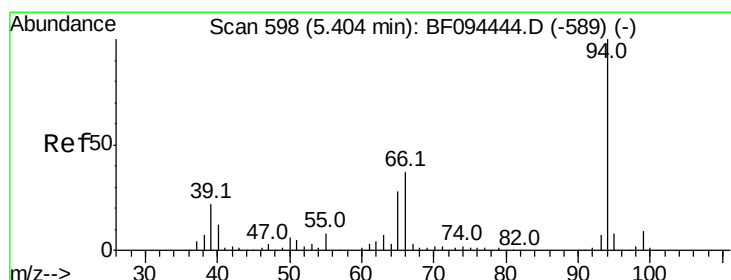
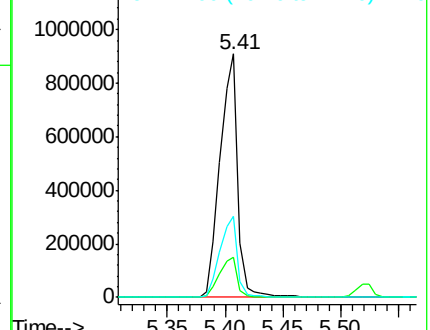
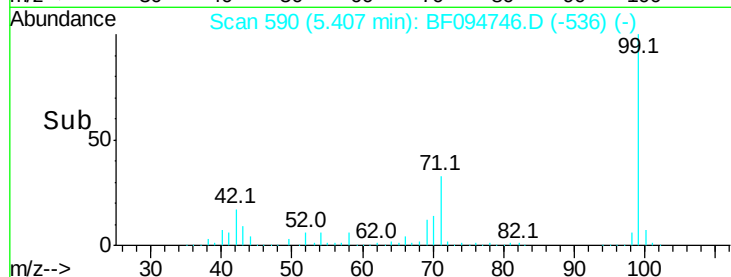


Abundance

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: 2.28 ng

RT: 5.41 min Scan# 591

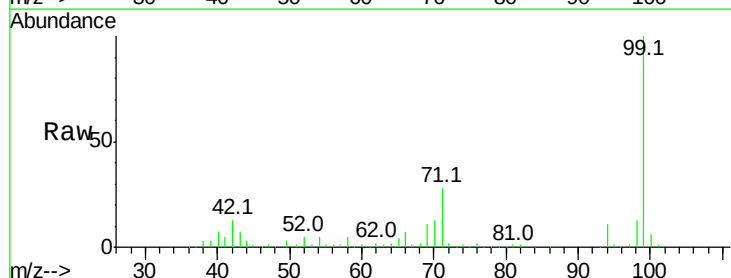
Delta R.T. 0.01 min

Lab File: BF094746.D

Acq: 1 May 2017 12:53

Tgt Ion: 94 Resp: 20371

Ion	Ratio	Lower	Upper
94	100		
65	31.7	9.9	49.9
66	63.7	23.1	63.1#

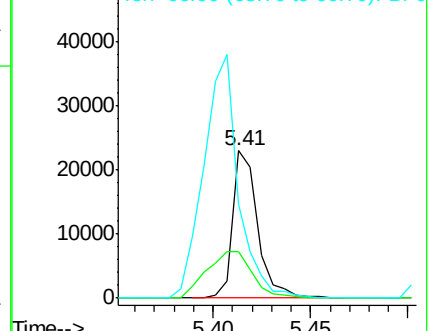
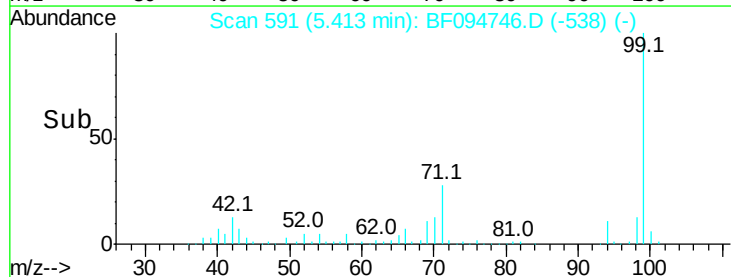


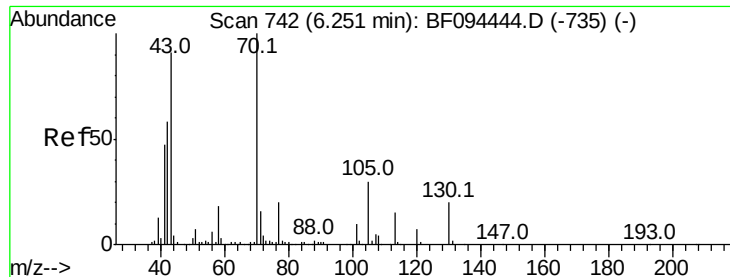
Abundance

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

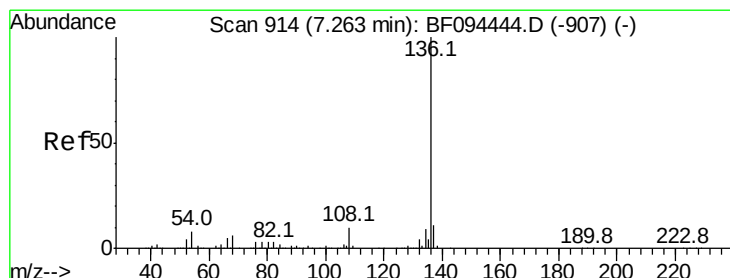
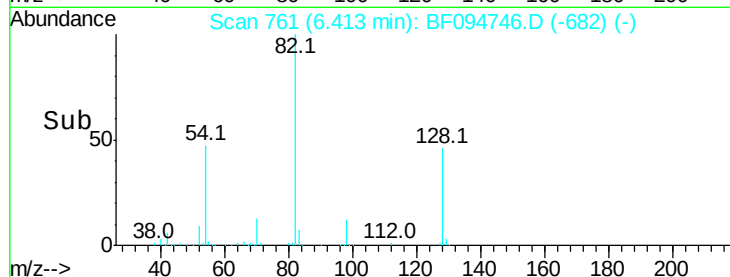
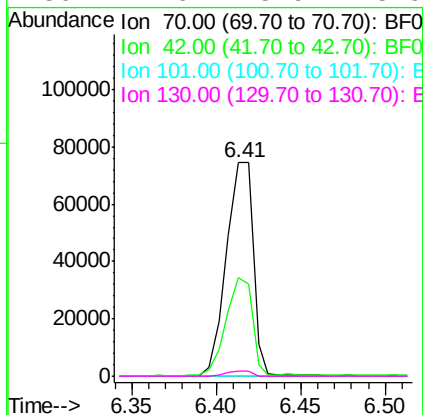
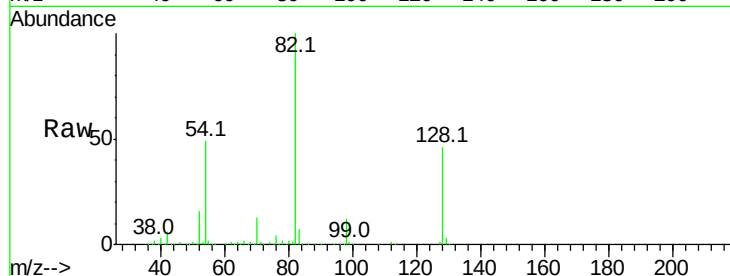




#19
n-Nitroso-di-n-propylamine
Concen: 17.17 ng
RT: 6.41 min Scan# 761
Delta R.T. 0.16 min
Lab File: BF094746.D
Acq: 1 May 2017 12:53

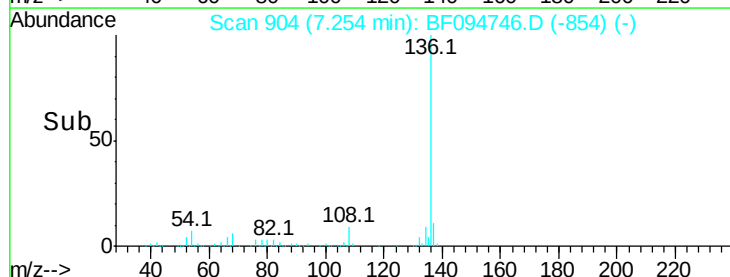
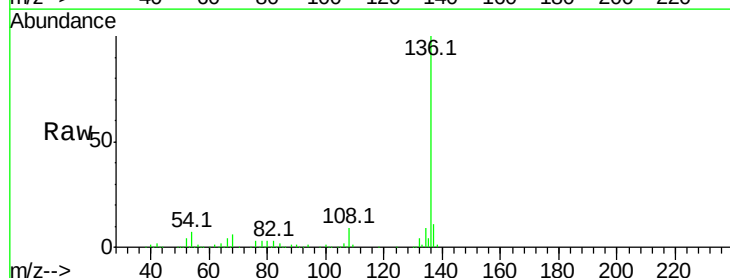
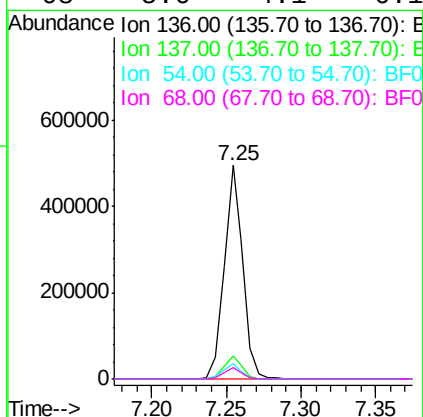
Instrument :
BNA_F
ClientSampleId :

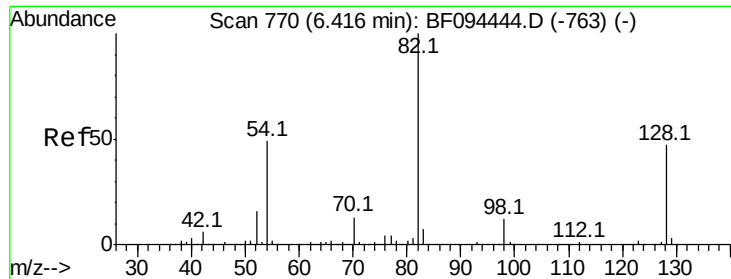
Tot Ion: 70 Resp: 82702
Ion Ratio Lower Upper
70 100
42 45.9 47.2 70.8#
101 0.0 7.2 10.8#
130 2.6 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.25 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF094746.D
Acq: 1 May 2017 12:53

Tgt Ion:136 Resp: 433716
Ion Ratio Lower Upper
136 100
137 10.8 8.5 12.7
54 7.0 4.9 7.3
68 5.6 4.1 6.1

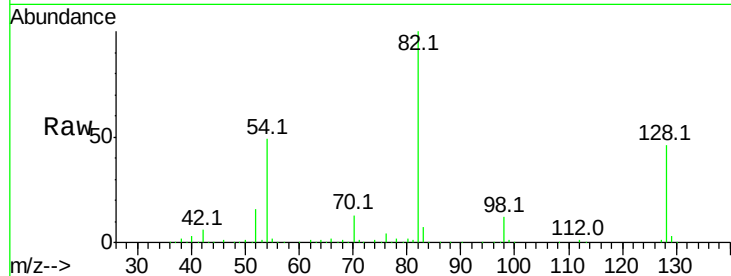




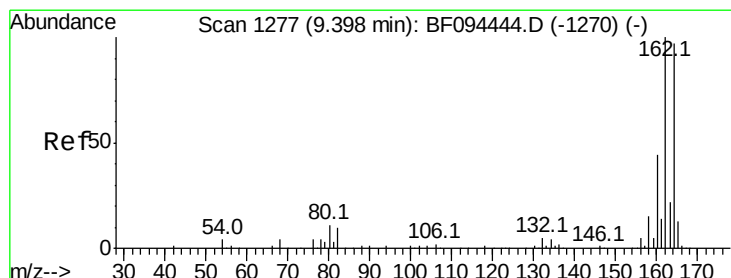
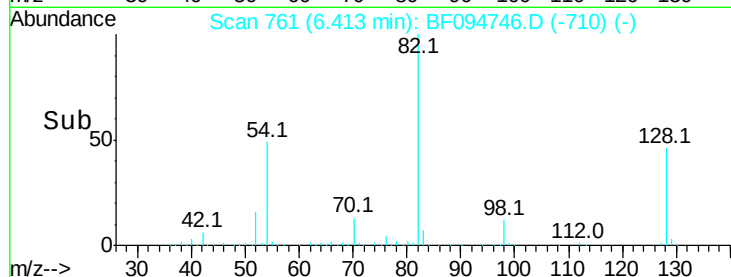
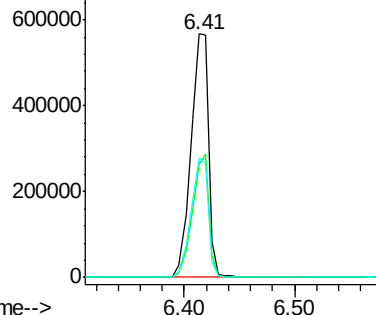
#23
 Nitrobenzene-d5
 Concen: 89.81 ng
 RT: 6.41 min Scan# 761
 Delta R.T. -0.00 min
 Lab File: BF094746.D
 Acq: 1 May 2017 12:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 630814
 Ion Ratio Lower Upper
 82 100
 128 46.3 34.0 51.0
 54 49.0 42.2 63.2

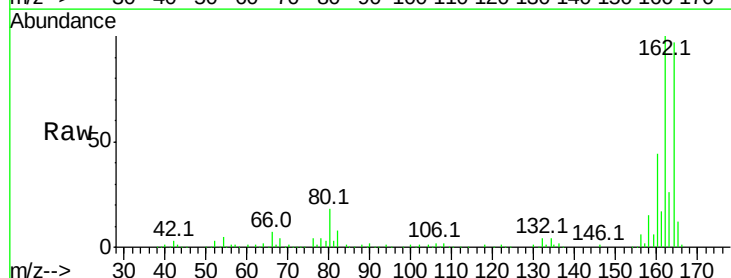


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

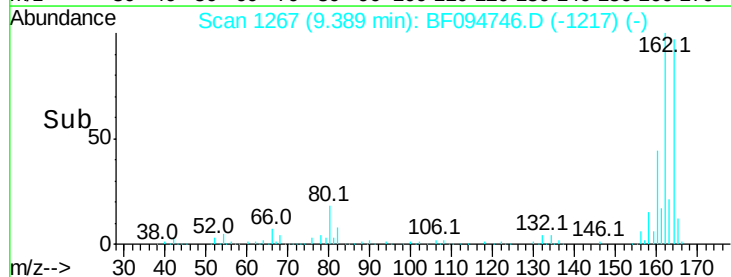
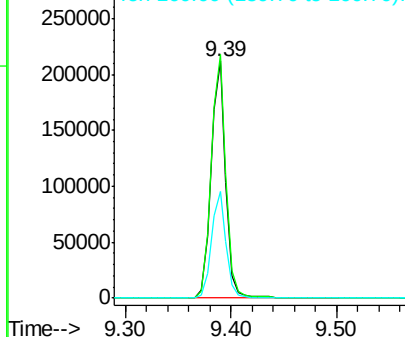


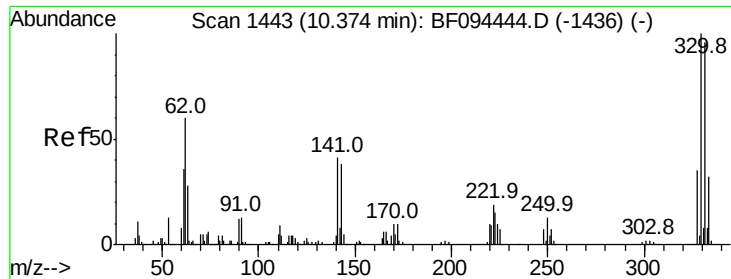
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.39 min Scan# 1267
 Delta R.T. -0.01 min
 Lab File: BF094746.D
 Acq: 1 May 2017 12:53

Tgt Ion: 164 Resp: 205952
 Ion Ratio Lower Upper
 164 100
 162 102.8 82.6 123.8
 160 44.8 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

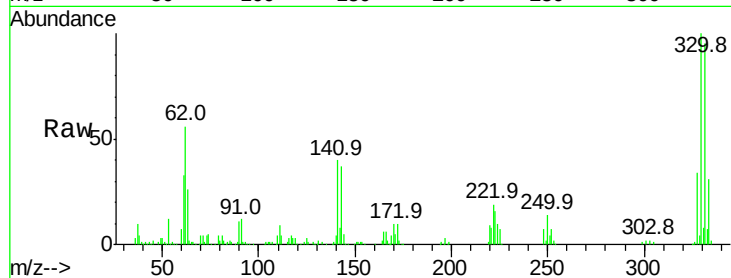




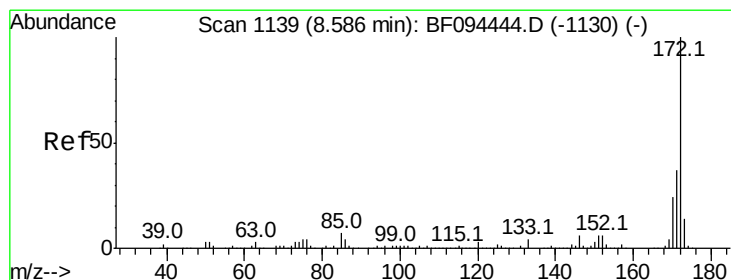
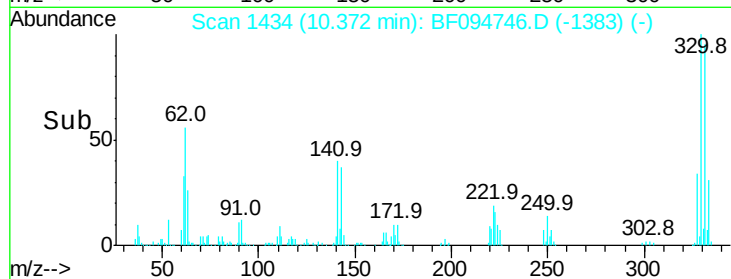
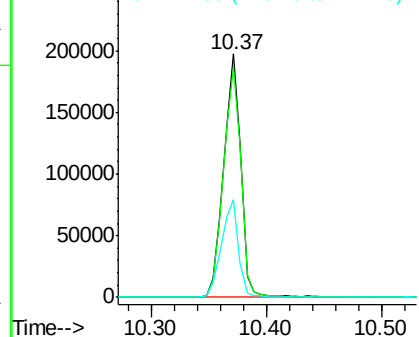
#41
 2,4,6-Tribromophenol
 Concen: 126.47 ng
 RT: 10.37 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: BF094746.D
 Acq: 1 May 2017 12:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 203731
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.6 115.0
 141 39.4 31.4 47.2

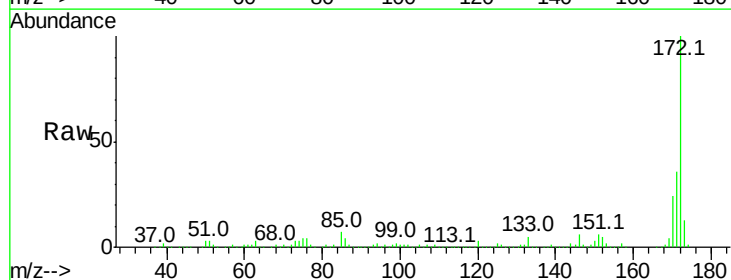


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

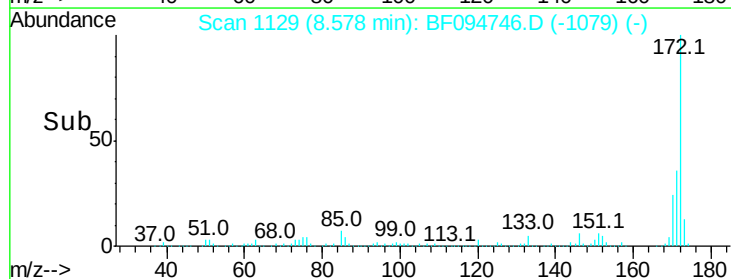
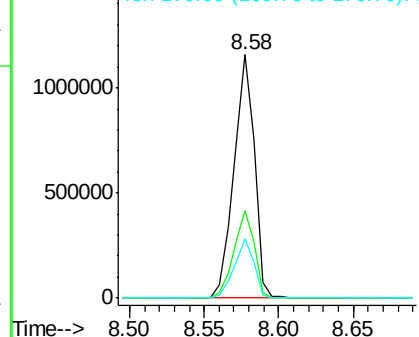


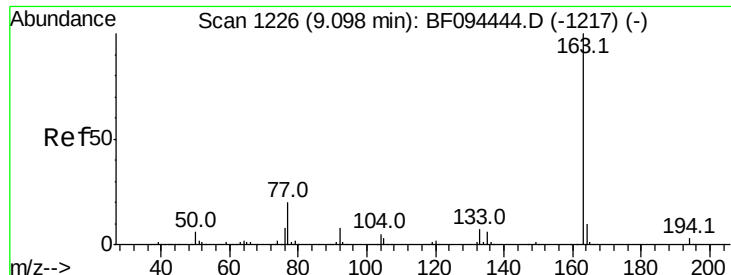
#44
 2-Fluorobiphenyl
 Concen: 81.21 ng
 RT: 8.58 min Scan# 1129
 Delta R.T. -0.01 min
 Lab File: BF094746.D
 Acq: 1 May 2017 12:53

Tgt Ion:172 Resp: 1136766
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.6 44.4
 170 24.2 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

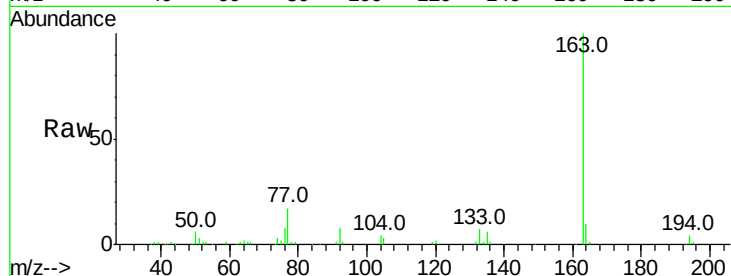




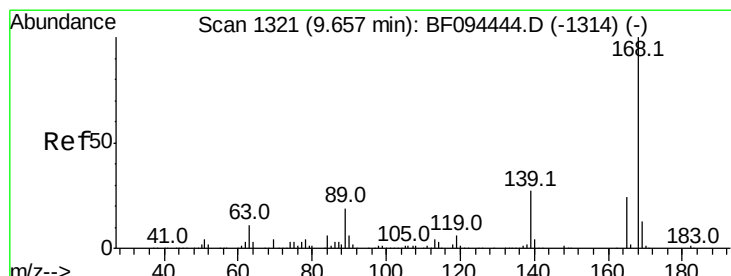
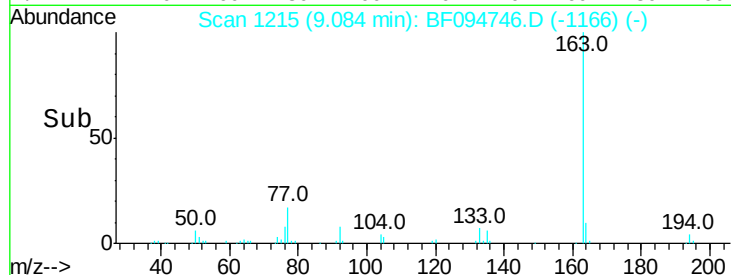
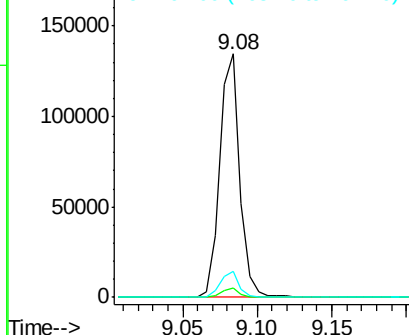
#49
Dimethylphthalate
Concen: 8.27 ng
RT: 9.08 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF094746.D
Acq: 1 May 2017 12:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 126923
Ion Ratio Lower Upper
163 100
194 3.7 2.6 4.0
164 10.5 8.4 12.6

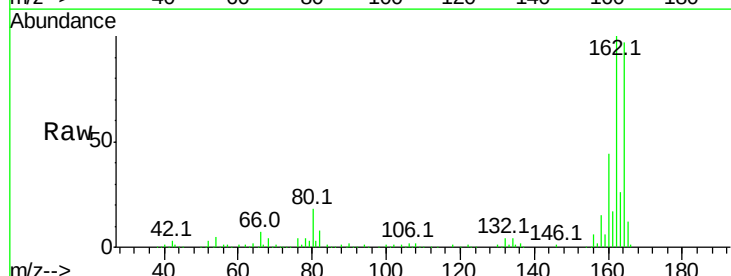


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

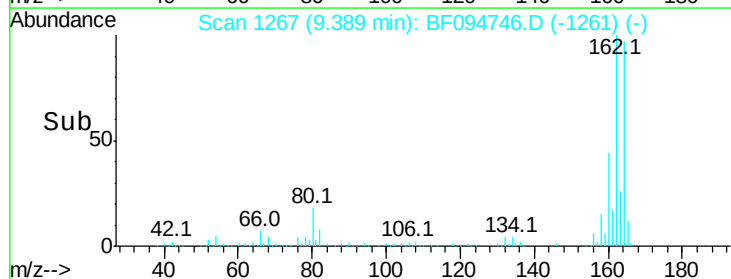
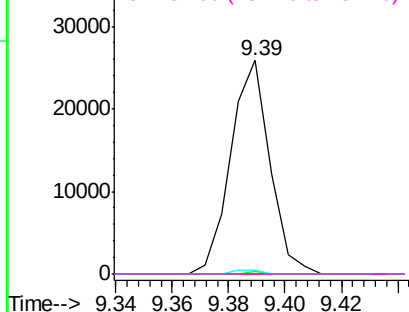


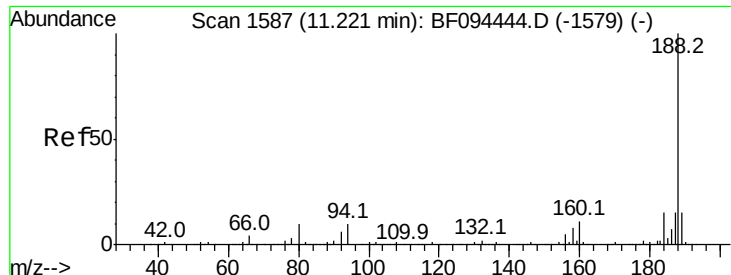
#56
2,4-Dinitrotoluene
Concen: 5.87 ng
RT: 9.39 min Scan# 1267
Delta R.T. -0.27 min
Lab File: BF094746.D
Acq: 1 May 2017 12:53

Tgt Ion:165 Resp: 24819
Ion Ratio Lower Upper
165 100
63 1.4 25.4 38.0#
89 1.6 46.4 69.6#
182 0.0 1.8 2.6#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

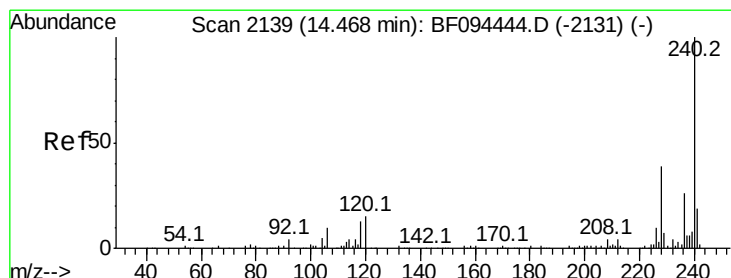
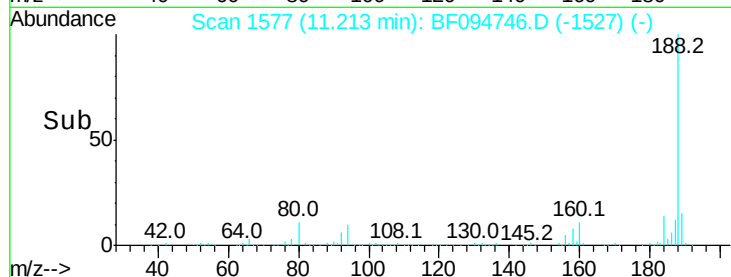
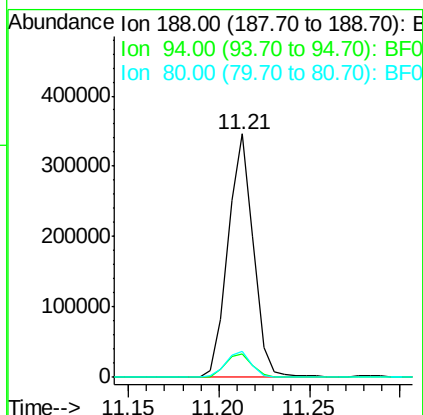
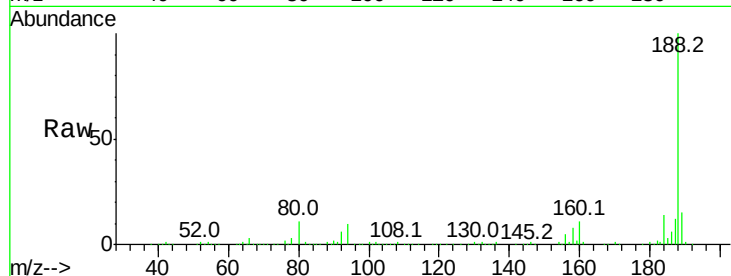




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF094746.D
Acq: 1 May 2017 12:53

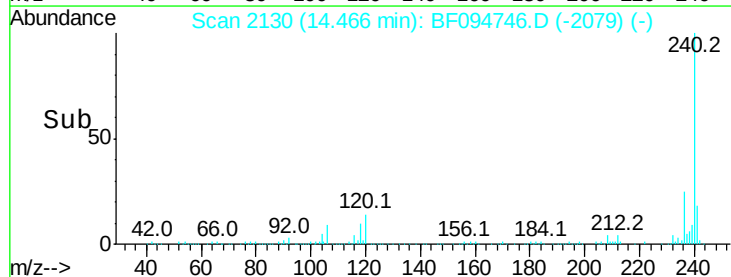
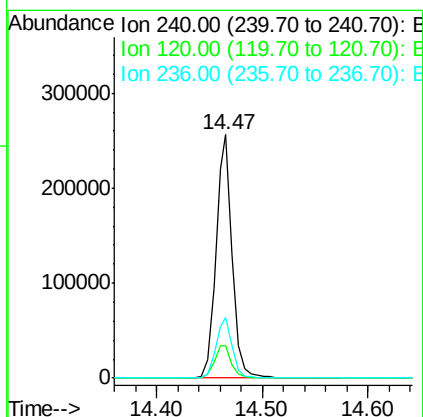
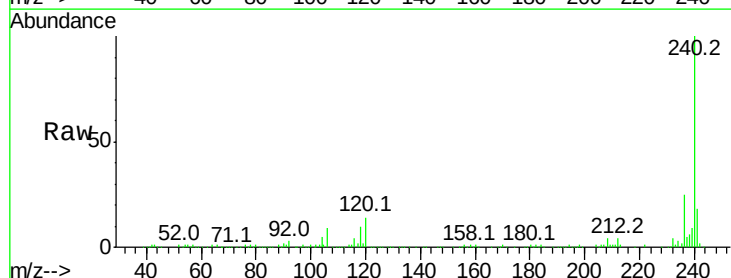
Instrument :
BNA_F
ClientSampleId :

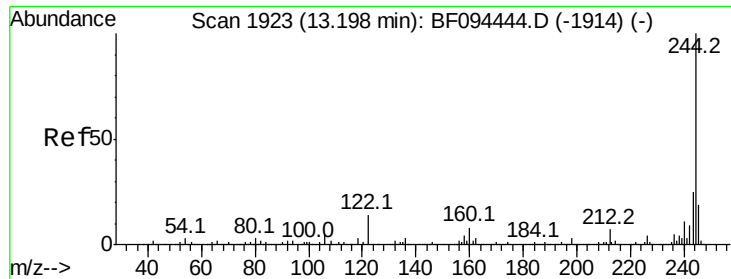
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.7	9.4	14.2
80	10.9	10.2	15.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.47 min Scan# 2130
Delta R.T. -0.00 min
Lab File: BF094746.D
Acq: 1 May 2017 12:53

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.6	5.8	8.8#
236	25.1	20.5	30.7

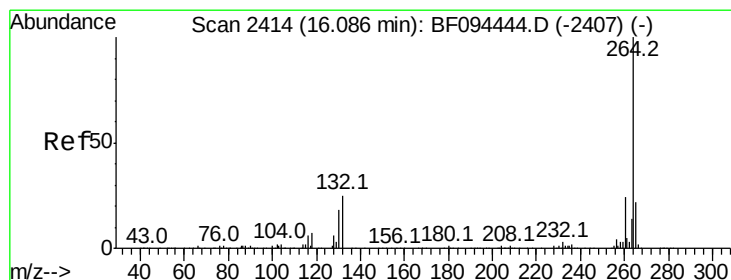
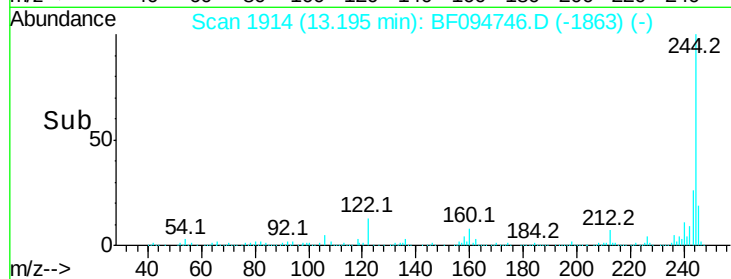
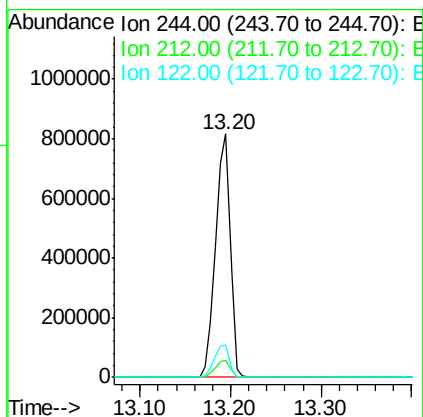
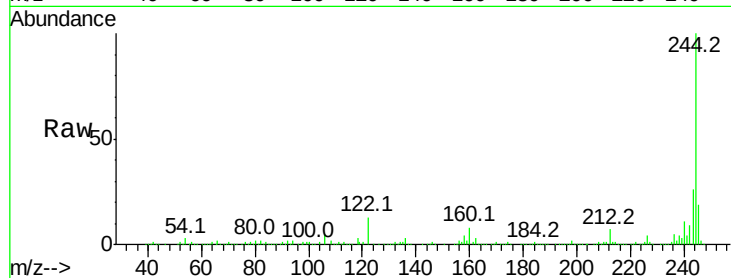




#78
 Terphenyl-d14
 Concen: 88.44 ng
 RT: 13.20 min Scan# 1914
 Delta R.T. -0.00 min
 Lab File: BF094746.D
 Acq: 1 May 2017 12:53

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 914909
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 13.1 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.09 min Scan# 2407
 Delta R.T. 0.01 min
 Lab File: BF094746.D
 Acq: 1 May 2017 12:53

Tgt Ion:264 Resp: 184515
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.5 29.3
 265 20.5 17.2 25.8

