

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042517\
 Data File : BF094604.D
 Acq On : 25 Apr 2017 14:52
 Operator : SJ/MA
 Sample : I2802-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 26 01:23:16 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

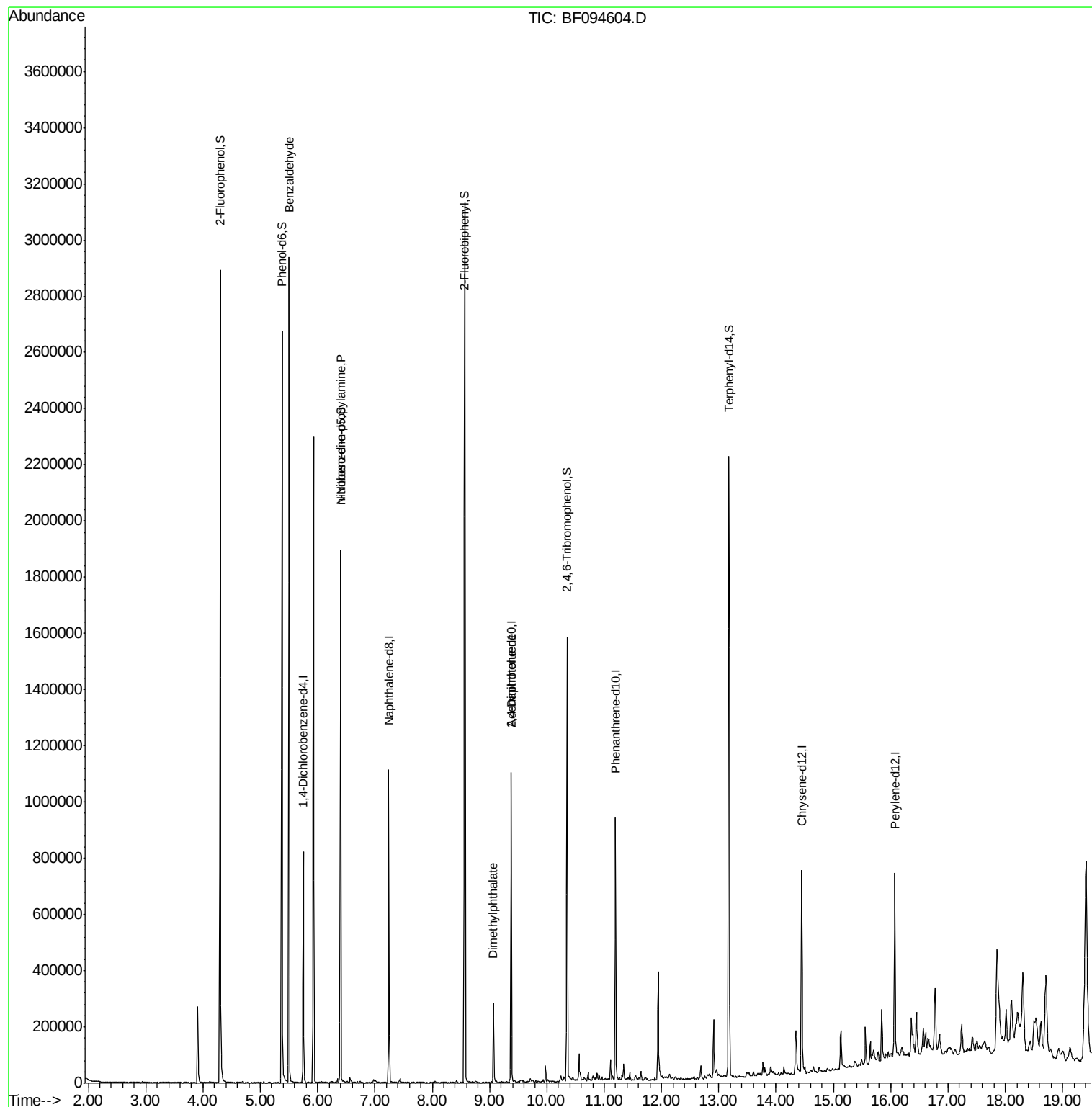
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.75	152	128047	20.00	ng	-0.01
21) Naphthalene-d8	7.24	136	510679	20.00	ng	-0.02
38) Acenaphthene-d10	9.38	164	226977	20.00	ng	-0.02
63) Phenanthrene-d10	11.20	188	398462	20.00	ng	-0.03
75) Chrysene-d12	14.45	240	273236	20.00	ng	-0.02
86) Perylene-d12	16.07	264	244357	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.30	112	836147	108.34	ng	0.00
7) Phenol-d6	5.38	99	1043487	114.68	ng	-0.01
23) Nitrobenzene-d5	6.40	82	632511	76.48	ng	-0.01
41) 2,4,6-Tribromophenol	10.35	330	199737	112.50	ng	-0.02
44) 2-Fluorobiphenyl	8.57	172	1109427	71.92	ng	-0.02
78) Terphenyl-d14	13.18	244	768973	75.22	ng	-0.02
Target Compounds						
9) Benzaldehyde	5.50	77	16961	2.45	ng	Qvalue 85
19) n-Nitroso-di-n-propylamine	6.40	70	82243	13.64	ng	# 77
49) Dimethylphthalate	9.07	163	127766	7.55	ng	99
56) 2,4-Dinitrotoluene	9.38	165	27755	5.96	ng	# 32

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.75 min Scan# 648

Delta R.T. -0.01 min

Lab File: BF094604.D

Acq: 25 Apr 2017 14:52

Instrument :

BNA_F

ClientSampled :

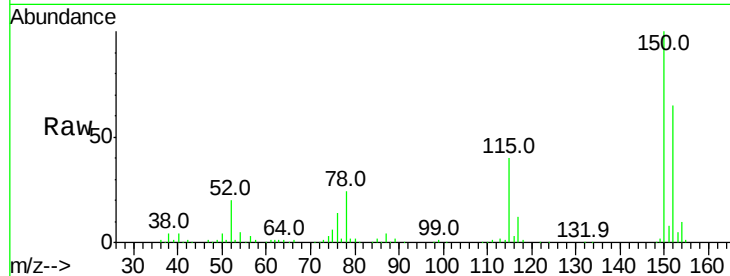
Tot Ion:152 Resp: 128047

Ion Ratio Lower Upper

152 100

150 154.8 126.2 189.2

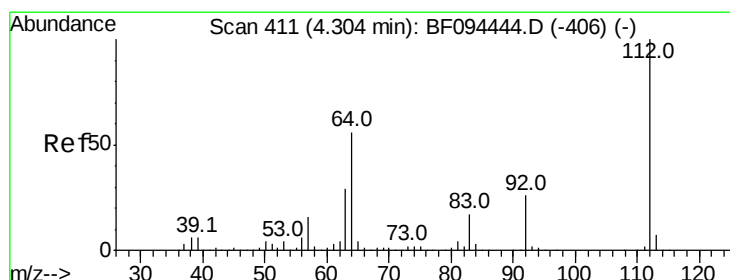
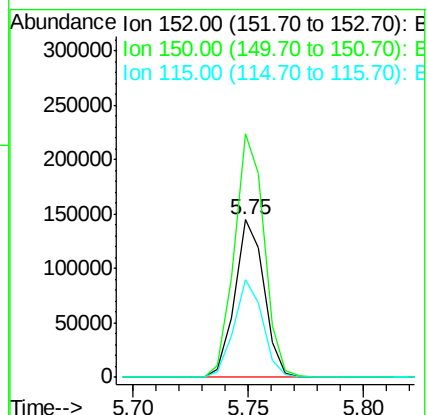
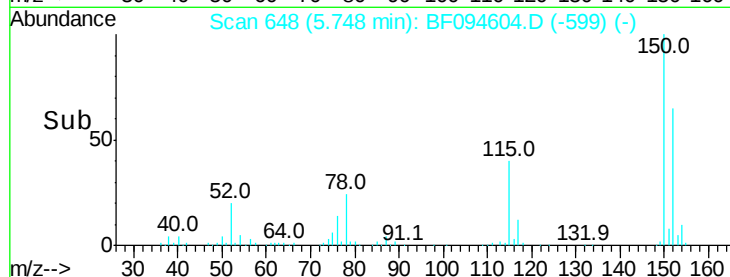
115 62.2 52.2 78.2



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: 108.34 ng

RT: 4.30 min Scan# 402

Delta R.T. -0.00 min

Lab File: BF094604.D

Acq: 25 Apr 2017 14:52

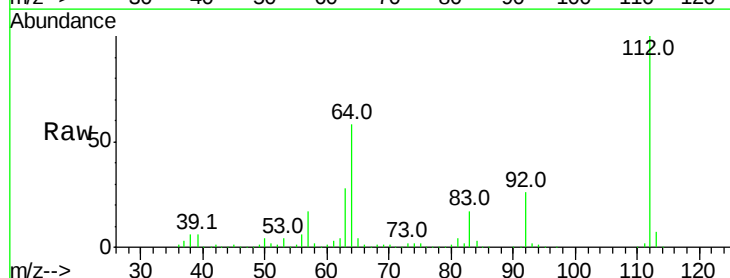
Tgt Ion:112 Resp: 836147

Ion Ratio Lower Upper

112 100

64 57.7 46.0 69.0

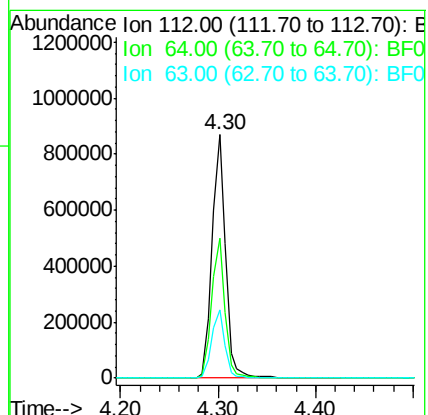
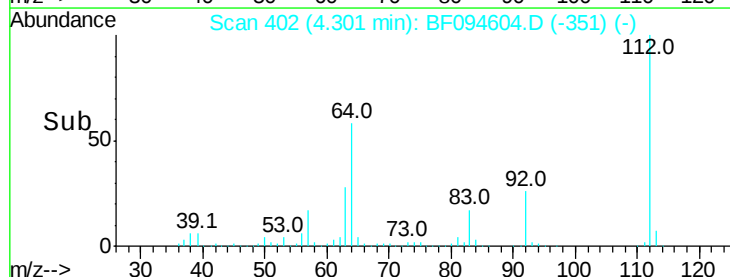
63 28.1 23.4 35.0

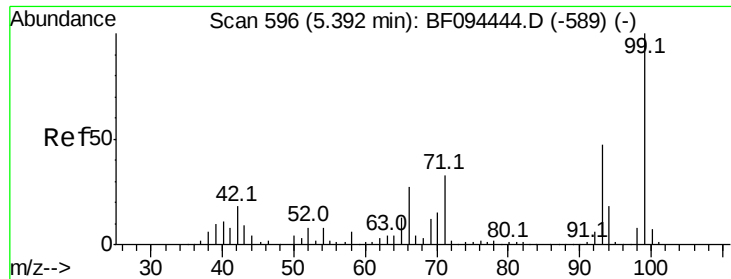


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 114.68 ng

RT: 5.38 min Scan# 585

Delta R.T. -0.01 min

Lab File: BF094604.D

Acq: 25 Apr 2017 14:52

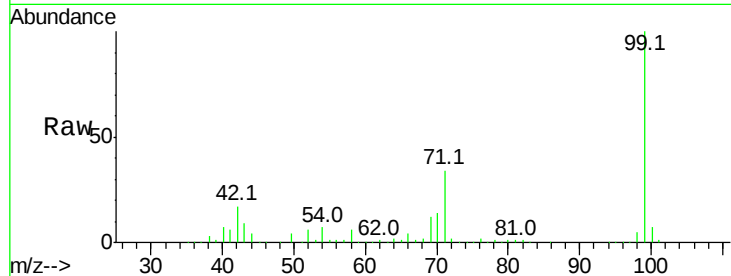
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1043487

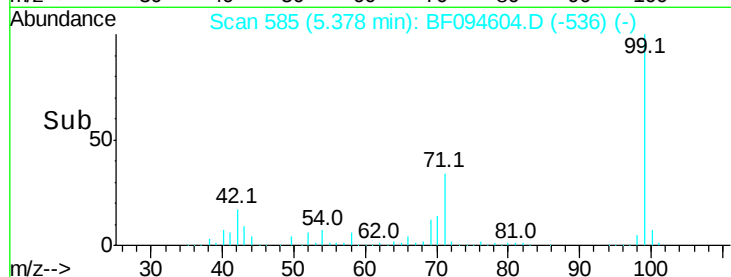
Ion	Ratio	Lower	Upper
99	100		
42	17.4	13.5	20.3
71	33.7	24.5	36.7



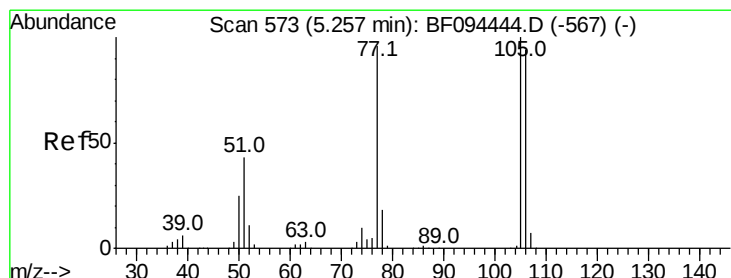
Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



Time-->



#9

Benzaldehyde

Concen: 2.45 ng

RT: 5.50 min Scan# 606

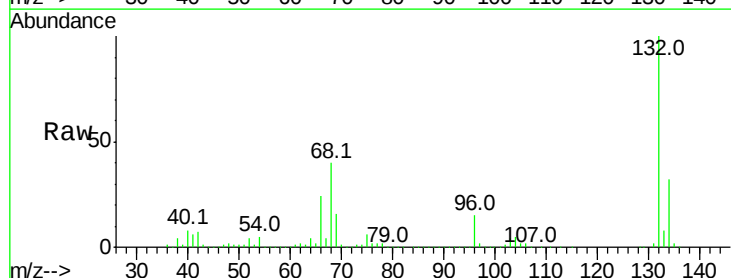
Delta R.T. 0.24 min

Lab File: BF094604.D

Acq: 25 Apr 2017 14:52

Tgt Ion: 77 Resp: 16961

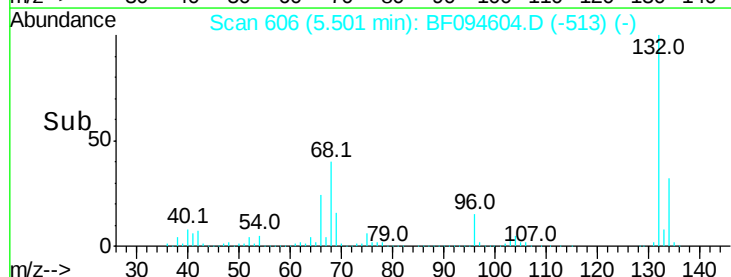
Ion	Ratio	Lower	Upper
77	100		
105	88.2	83.8	123.8
106	85.5	79.1	119.1



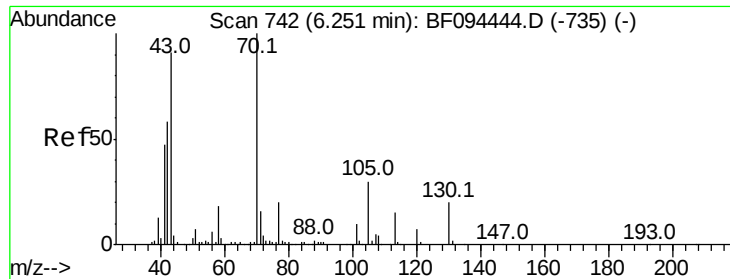
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B



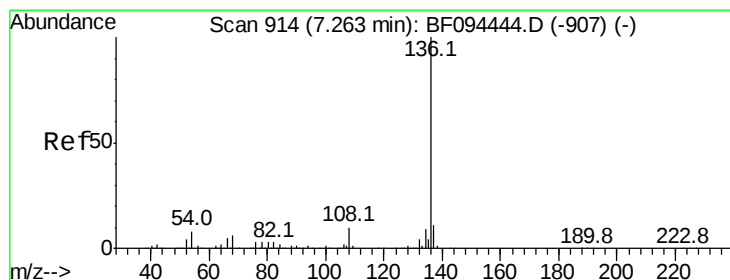
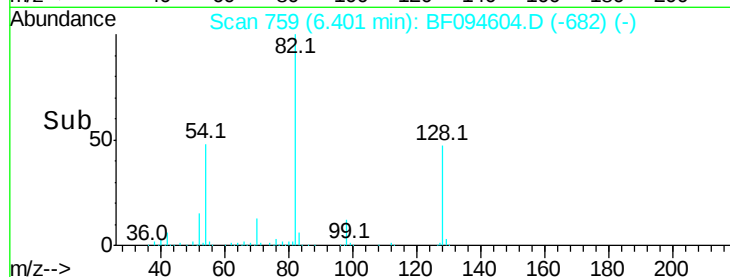
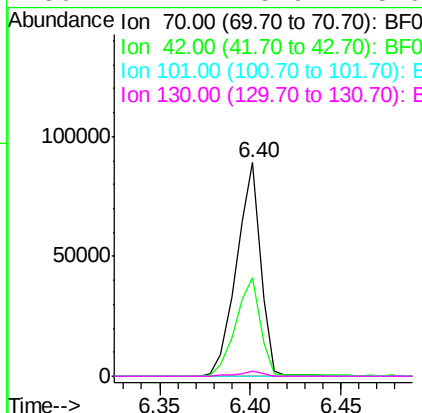
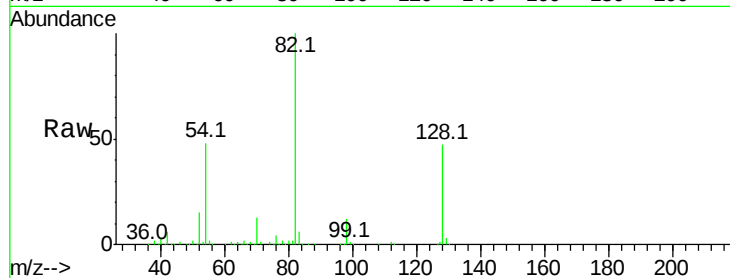
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 13.64 ng
RT: 6.40 min Scan# 759
Delta R.T. 0.15 min
Lab File: BF094604.D
Acq: 25 Apr 2017 14:52

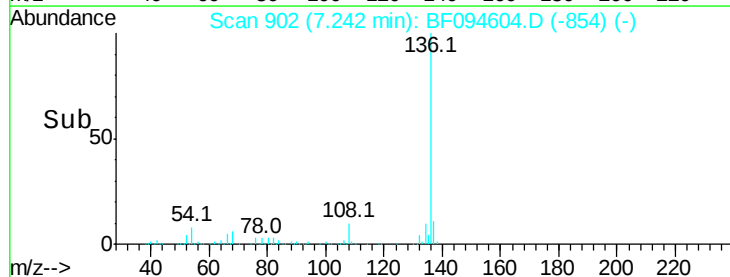
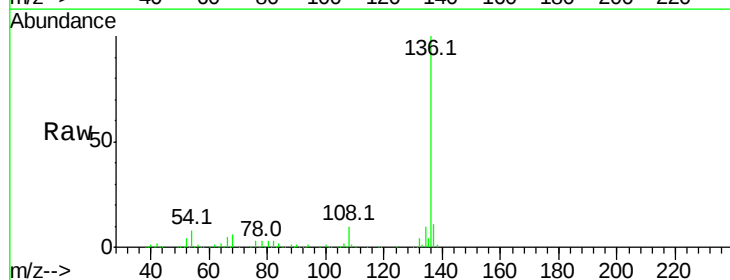
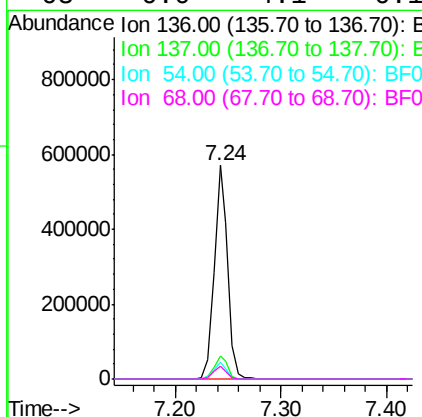
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 82243
Ion Ratio Lower Upper
70 100
42 46.1 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: 7.24 min Scan# 902
Delta R.T. -0.02 min
Lab File: BF094604.D
Acq: 25 Apr 2017 14:52

Tgt Ion:136 Resp: 510679
Ion Ratio Lower Upper
136 100
137 10.5 8.5 12.7
54 7.6 4.9 7.3#
68 6.0 4.1 6.1

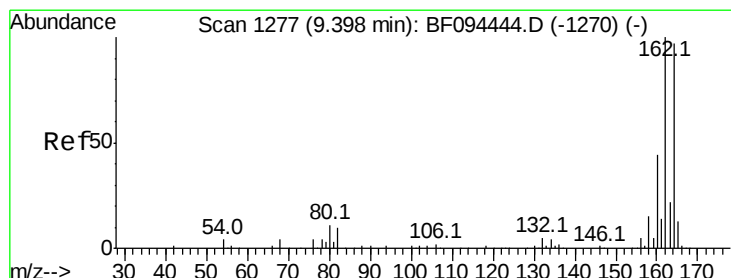
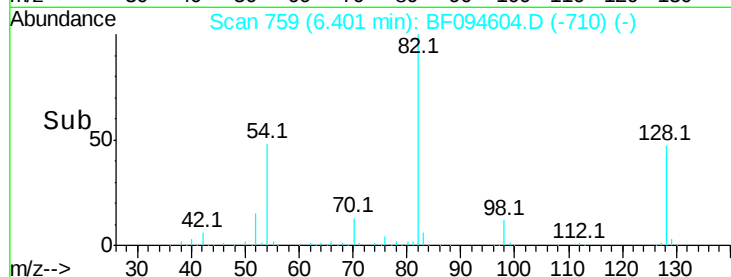
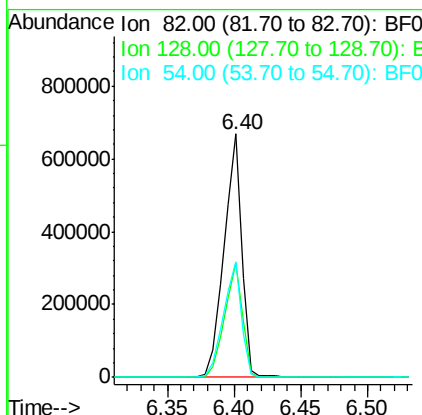
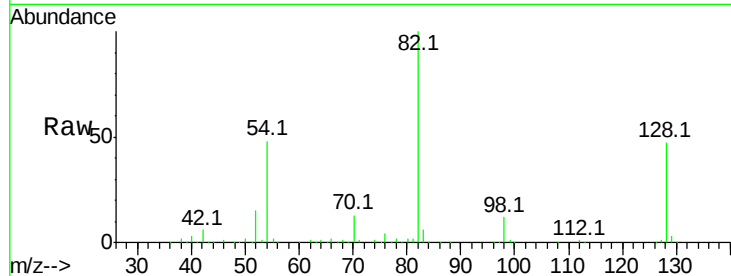




#23
 Nitrobenzene-d5
 Concen: 76.48 ng
 RT: 6.40 min Scan# 759
 Delta R.T. -0.01 min
 Lab File: BF094604.D
 Acq: 25 Apr 2017 14:52

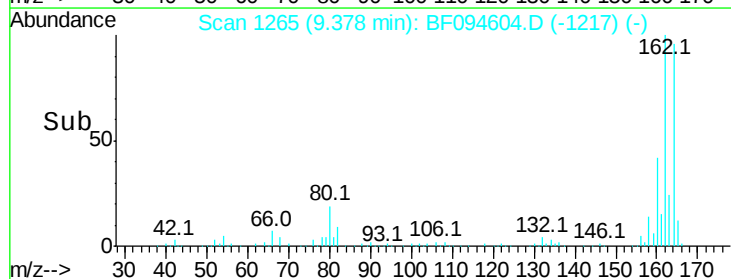
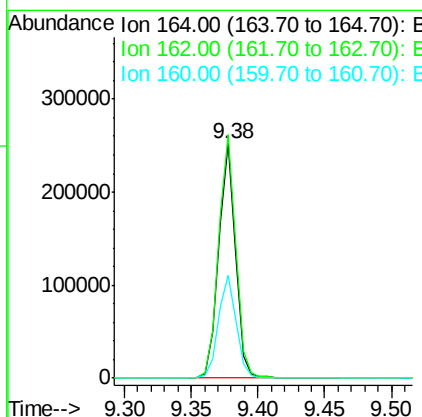
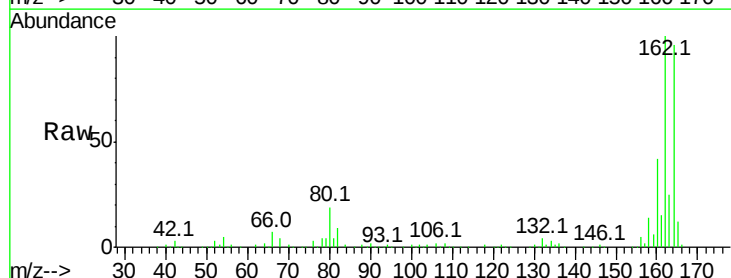
Instrument :
 BNA_F
 ClientSampleId :

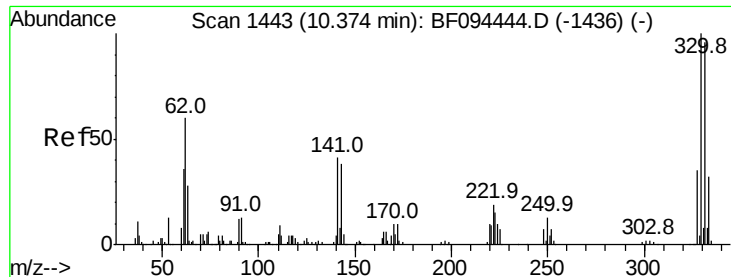
Tot Ion	82	Resp	632511
Ion Ratio	Lower	Upper	
82	100		
128	46.8	34.0	51.0
54	47.6	42.2	63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.38 min Scan# 1265
 Delta R.T. -0.02 min
 Lab File: BF094604.D
 Acq: 25 Apr 2017 14:52

Tgt Ion	164	Resp	226977
Ion Ratio	Lower	Upper	
164	100		
162	104.0	82.6	123.8
160	44.1	36.2	54.2

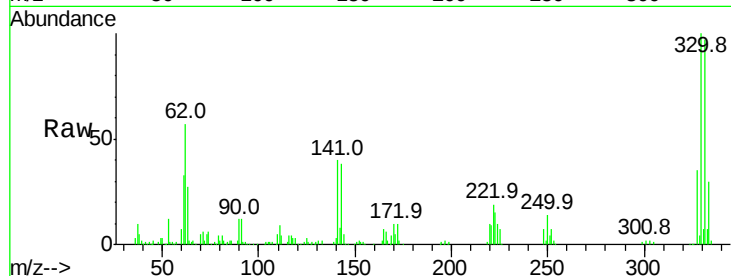




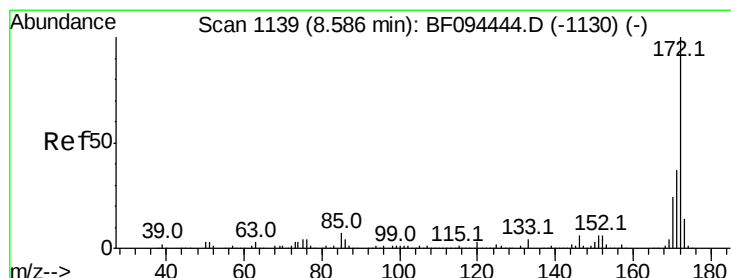
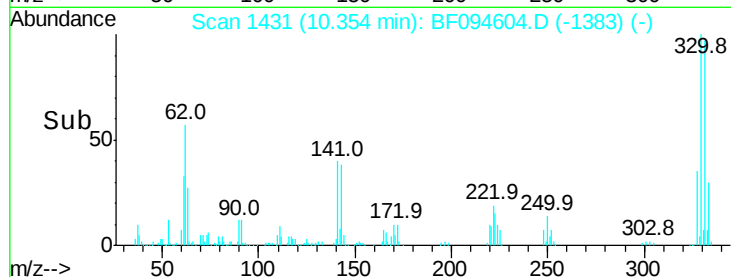
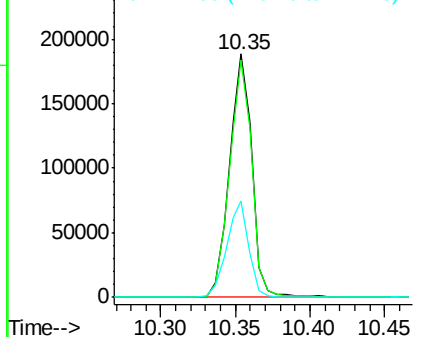
#41
 2,4,6-Tribromophenol
 Concen: 112.50 ng
 RT: 10.35 min Scan# 1431
 Delta R.T. -0.02 min
 Lab File: BF094604.D
 Acq: 25 Apr 2017 14:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	76.6	115.0
141	39.4	31.4	47.2

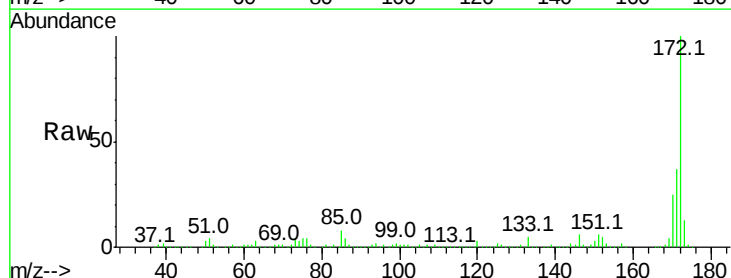


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

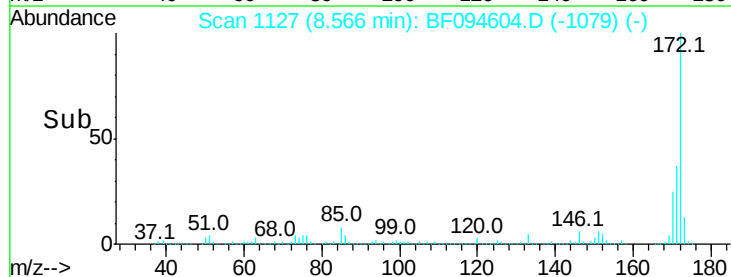
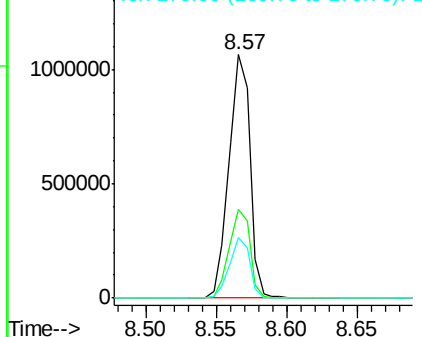


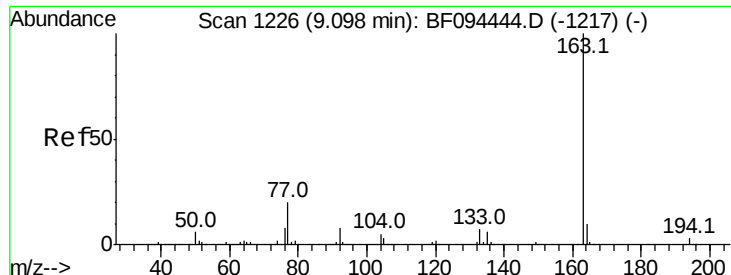
#44
 2-Fluorobiphenyl
 Concen: 71.92 ng
 RT: 8.57 min Scan# 1127
 Delta R.T. -0.02 min
 Lab File: BF094604.D
 Acq: 25 Apr 2017 14:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.6	44.4
170	24.6	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

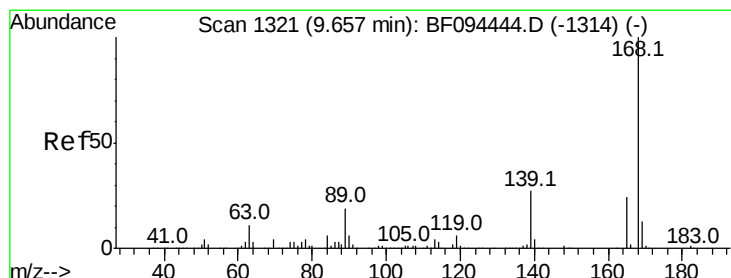
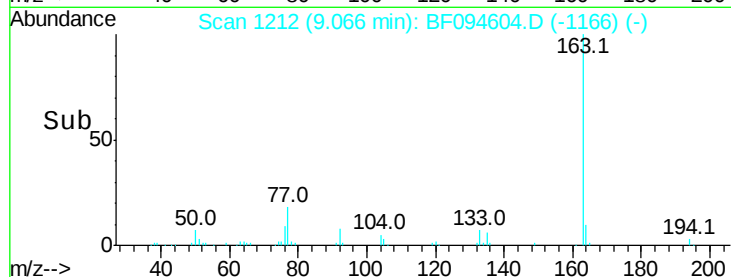
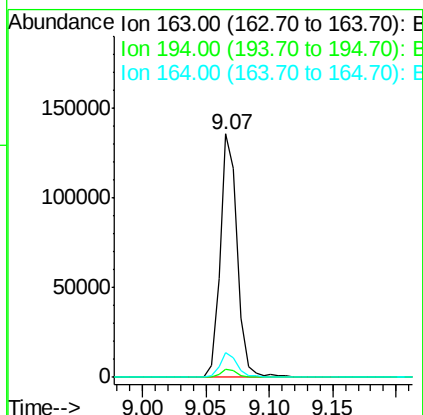
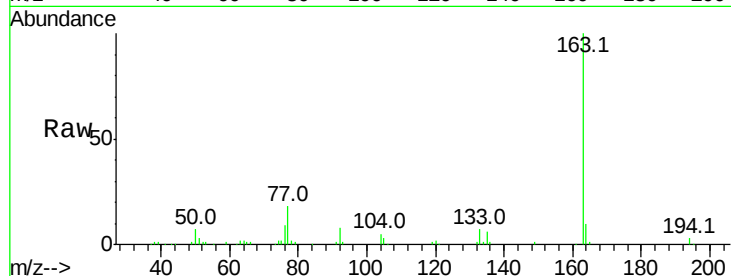




#49
Dimethylphthalate
Concen: 7.55 ng
RT: 9.07 min Scan# 1212
Delta R.T. -0.03 min
Lab File: BF094604.D
Acq: 25 Apr 2017 14:52

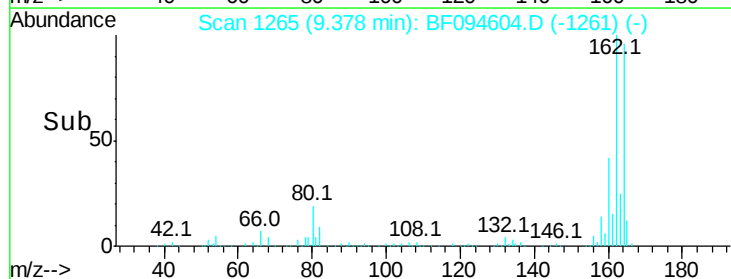
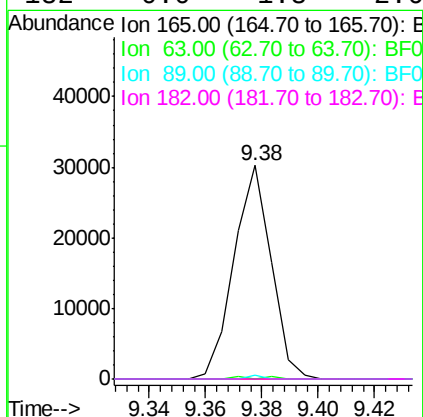
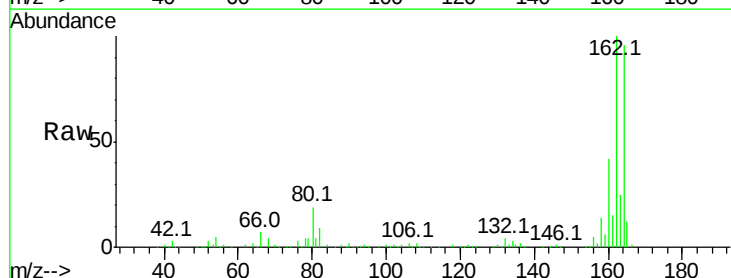
Instrument :
BNA_F
ClientSampleId :

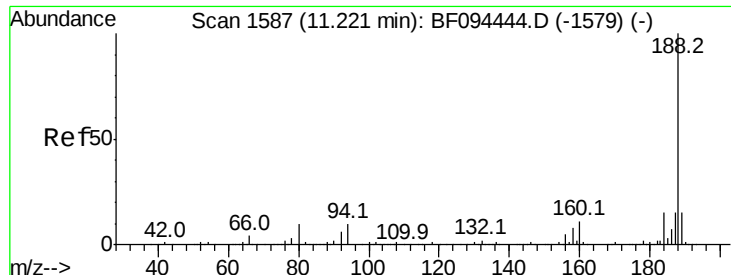
Tot Ion:163 Resp: 127766
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 10.0 8.4 12.6



#56
2,4-Dinitrotoluene
Concen: 5.96 ng
RT: 9.38 min Scan# 1265
Delta R.T. -0.28 min
Lab File: BF094604.D
Acq: 25 Apr 2017 14:52

Tgt Ion:165 Resp: 27755
Ion Ratio Lower Upper
165 100
63 0.0 25.4 38.0#
89 1.8 46.4 69.6#
182 0.0 1.8 2.6#

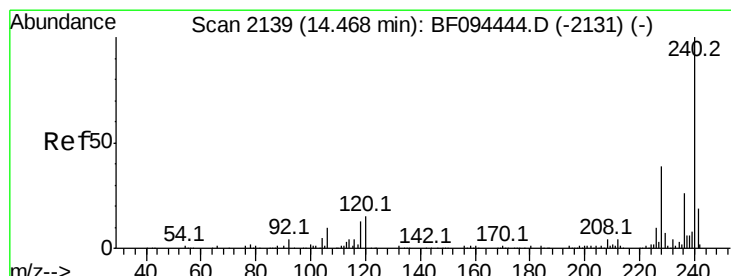
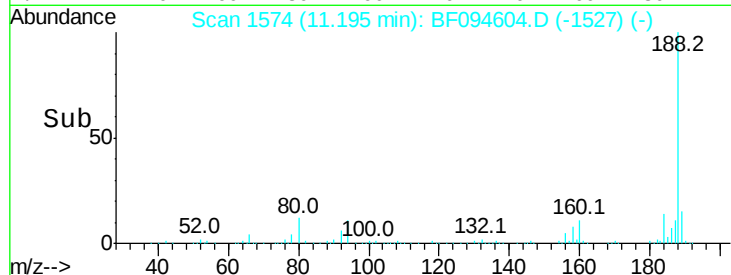
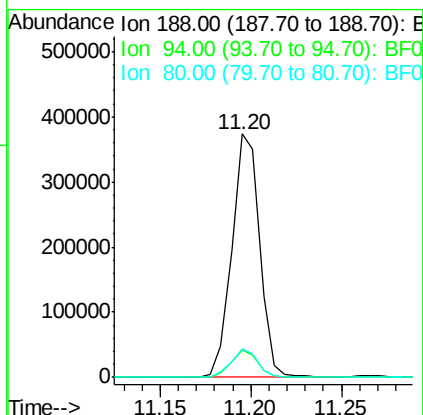
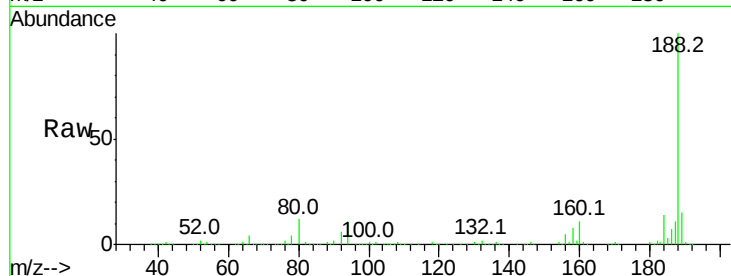




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.20 min Scan# 1574
 Delta R.T. -0.03 min
 Lab File: BF094604.D
 Acq: 25 Apr 2017 14:52

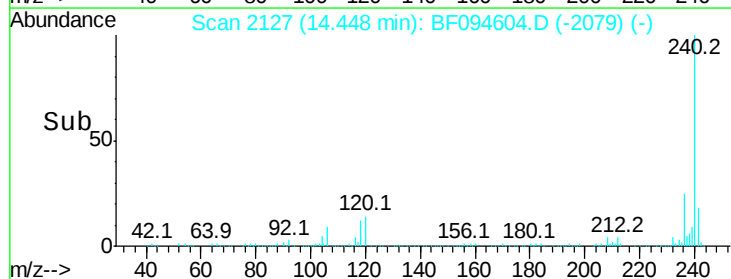
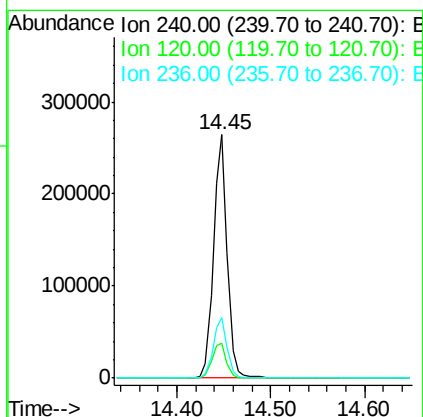
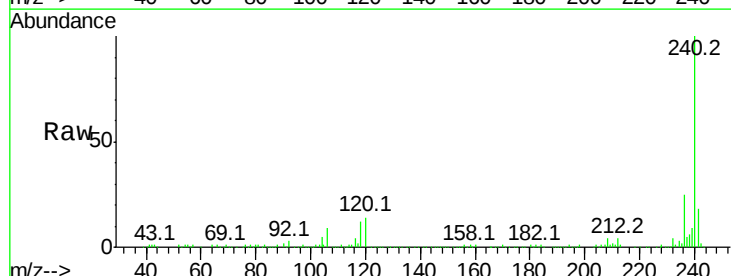
Instrument :
 BNA_F
 ClientSampled :

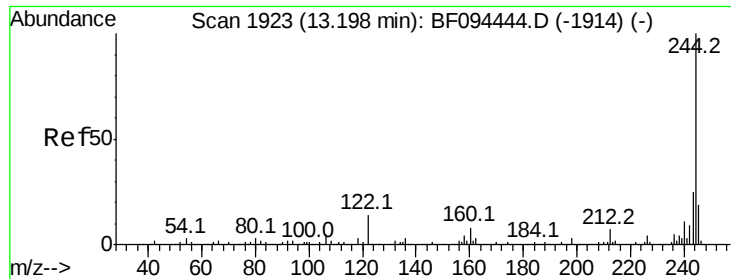
Tot Ion:188 Resp: 398462
 Ion Ratio Lower Upper
 188 100
 94 11.1 9.4 14.2
 80 11.8 10.2 15.2



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.45 min Scan# 2127
 Delta R.T. -0.02 min
 Lab File: BF094604.D
 Acq: 25 Apr 2017 14:52

Tgt Ion:240 Resp: 273236
 Ion Ratio Lower Upper
 240 100
 120 14.4 5.8 8.8#
 236 25.1 20.5 30.7

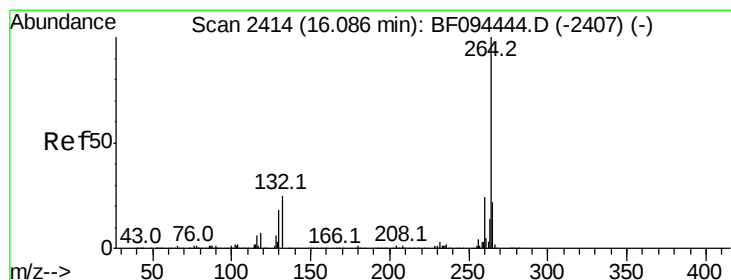
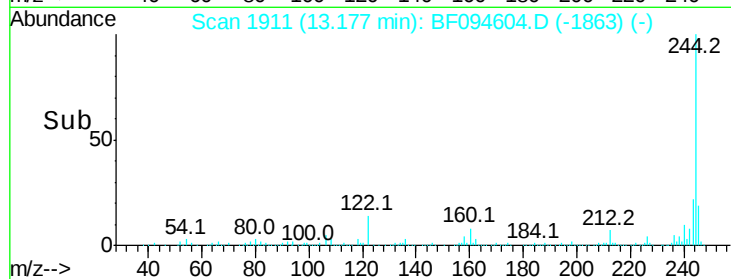
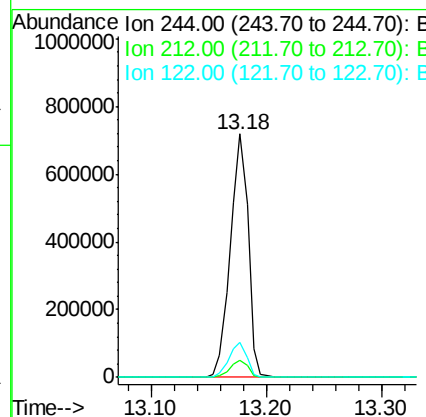
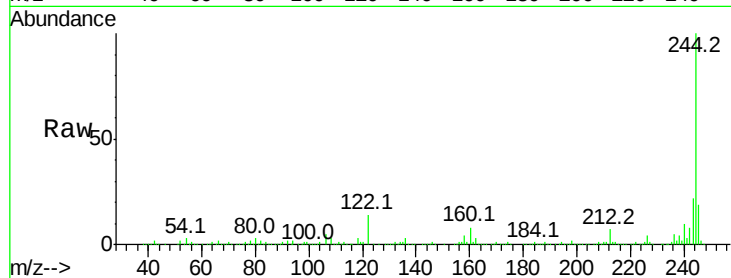




#78
 Terphenyl-d14
 Concen: 75.22 ng
 RT: 13.18 min Scan# 1911
 Delta R.T. -0.02 min
 Lab File: BF094604.D
 Acq: 25 Apr 2017 14:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 768973
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 14.1 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.07 min Scan# 2403
 Delta R.T. -0.01 min
 Lab File: BF094604.D
 Acq: 25 Apr 2017 14:52

Tgt Ion:264 Resp: 244357
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.5 29.3
 265 21.5 17.2 25.8

