

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043017\
 Data File : BF094724.D
 Acq On : 30 Apr 2017 19:37
 Operator : SJ/MA
 Sample : I2895-19
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 01 01:22:09 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

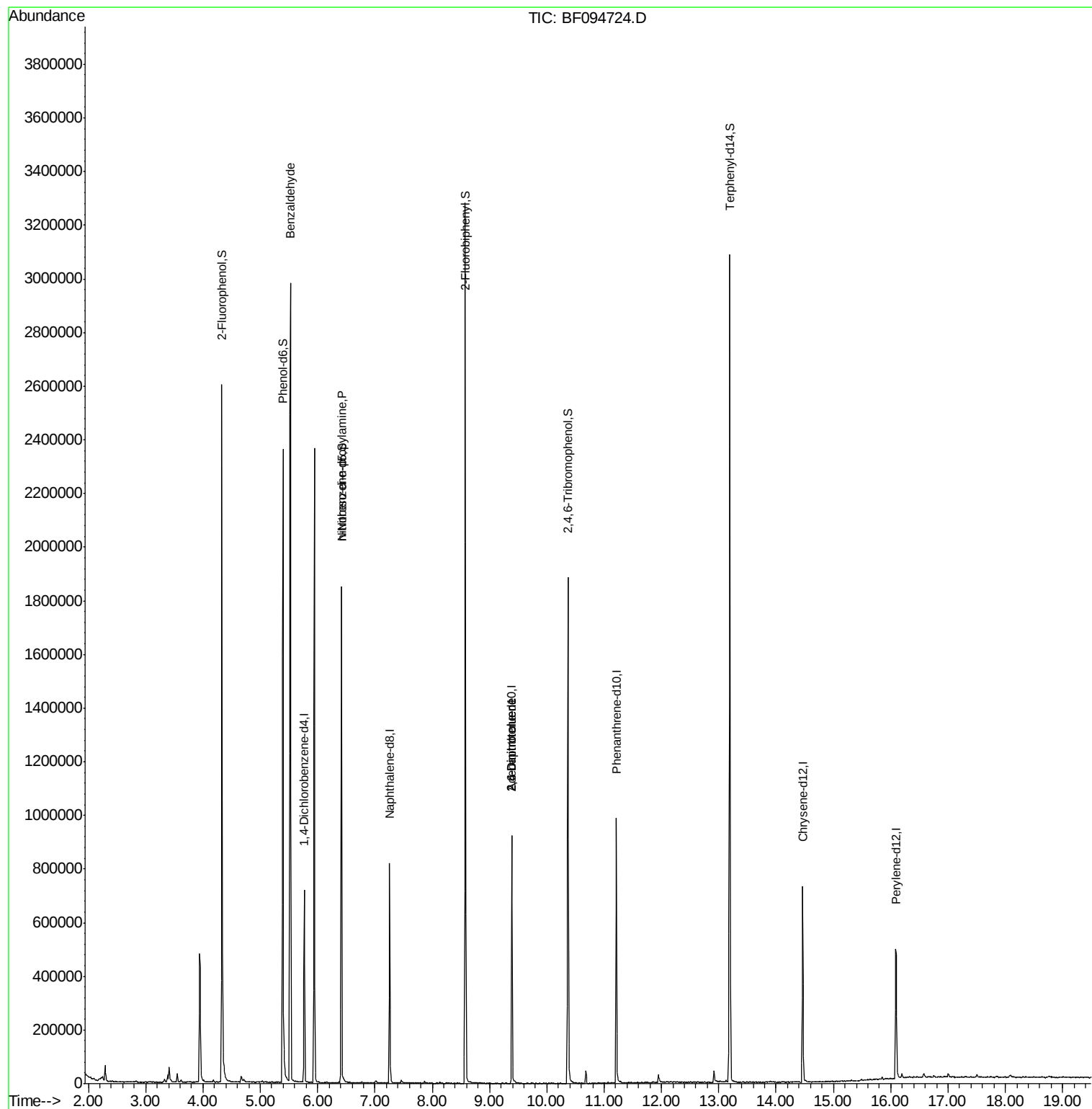
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	107888	20.00	ng	0.00
21) Naphthalene-d8	7.25	136	434600	20.00	ng	0.00
38) Acenaphthene-d10	9.39	164	208240	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	398710	20.00	ng	0.00
75) Chrysene-d12	14.47	240	309584	20.00	ng	0.00
86) Perylene-d12	16.09	264	212193	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.33	112	821869	126.38	ng	0.03
7) Phenol-d6	5.40	99	961923	125.47	ng	0.00
23) Nitrobenzene-d5	6.42	82	645264	91.68	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	256211	157.30	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	1245597	88.01	ng	0.00
78) Terphenyl-d14	13.19	244	1223978	105.68	ng	0.00
Target Compounds						
9) Benzaldehyde	5.52	77	17386	2.98	ng	Qvalue 83
19) n-Nitroso-di-n-propylamine	6.42	70	85191	16.77	ng	# 74
50) 2,6-Dinitrotoluene	9.39	165	25403	7.29	ng	# 31
56) 2,4-Dinitrotoluene	9.39	165	25403	5.94	ng	# 31

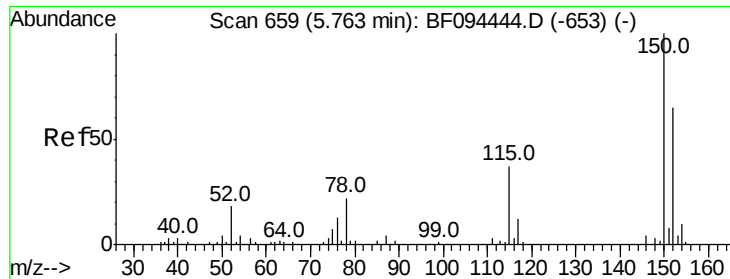
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043017\
Data File : BF094724.D
Acq On : 30 Apr 2017 19:37
Operator : SJ/MA
Sample : I2895-19
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: May 01 01:22:09 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



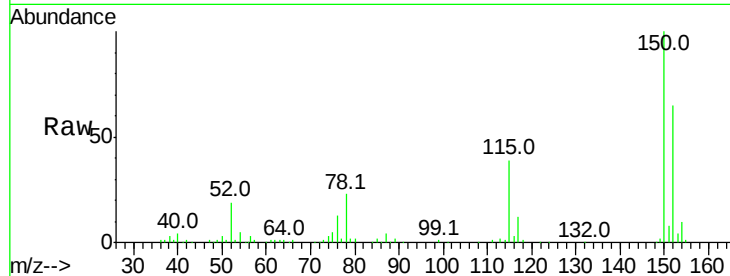


#1

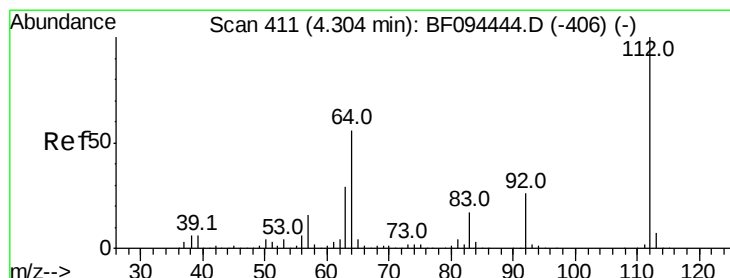
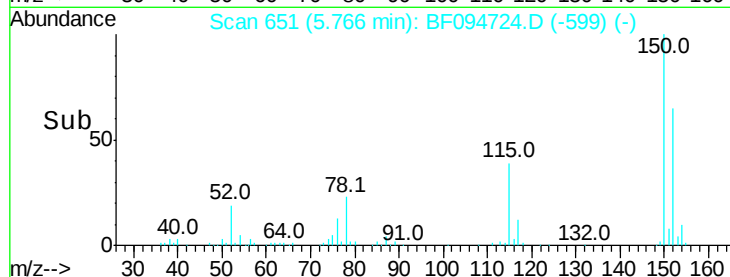
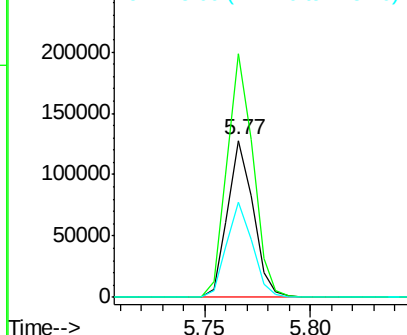
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF094724.D
Acq: 30 Apr 2017 19:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 107888
Ion Ratio Lower Upper
152 100
150 154.9 126.2 189.2
115 60.9 52.2 78.2



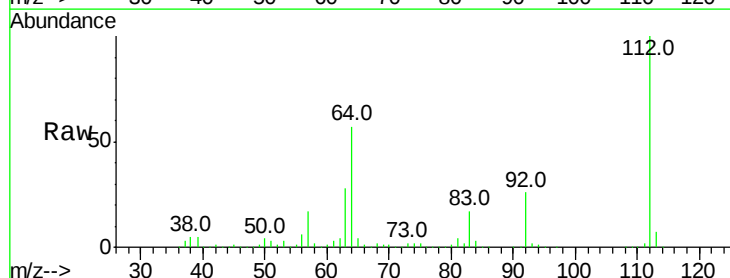
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



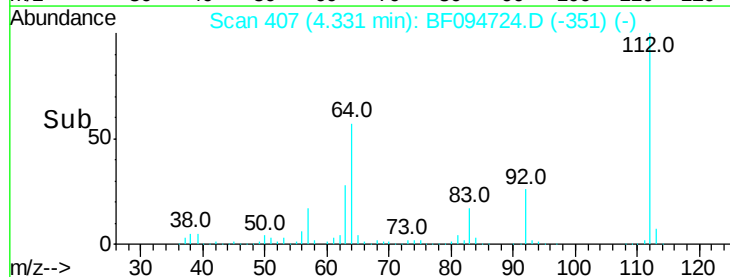
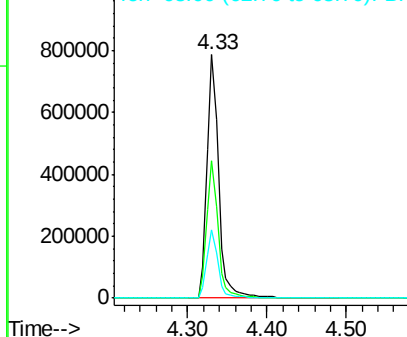
#5

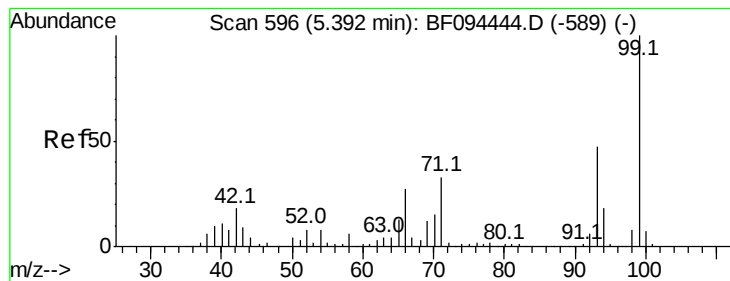
2-Fluorophenol
Concen: 126.38 ng
RT: 4.33 min Scan# 407
Delta R.T. 0.03 min
Lab File: BF094724.D
Acq: 30 Apr 2017 19:37

Tgt Ion:112 Resp: 821869
Ion Ratio Lower Upper
112 100
64 56.6 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: 125.47 ng

RT: 5.40 min Scan# 588

Delta R.T. 0.00 min

Lab File: BF094724.D

Acq: 30 Apr 2017 19:37

Instrument :

BNA_F

ClientSampled :

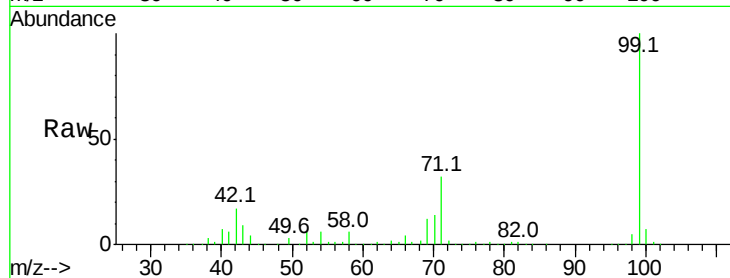
Tot Ion: 99 Resp: 961923

Ion Ratio Lower Upper

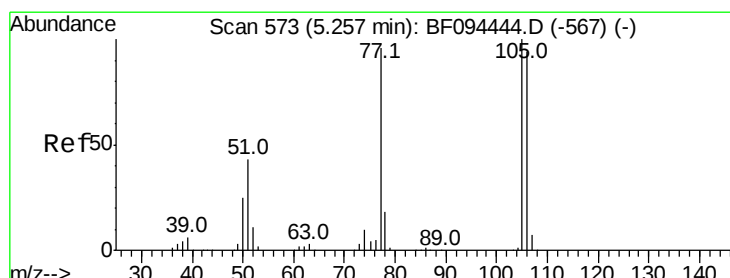
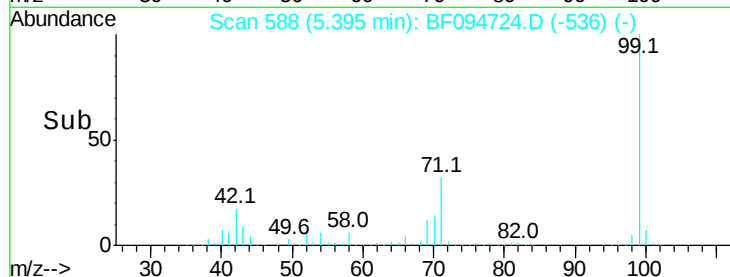
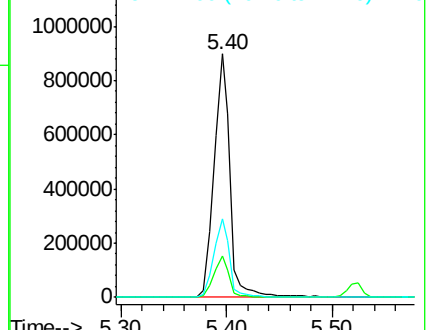
99 100

42 16.9 13.5 20.3

71 32.5 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



#9

Benzaldehyde

Concen: 2.98 ng

RT: 5.52 min Scan# 610

Delta R.T. 0.27 min

Lab File: BF094724.D

Acq: 30 Apr 2017 19:37

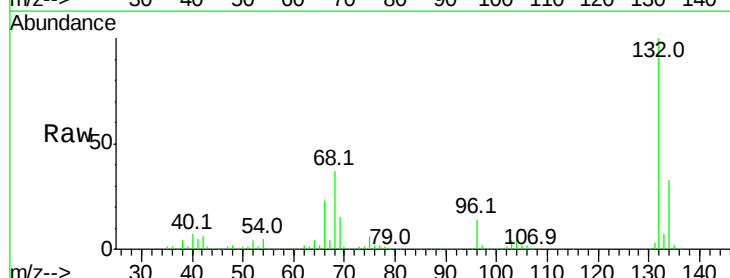
Tgt Ion: 77 Resp: 17386

Ion Ratio Lower Upper

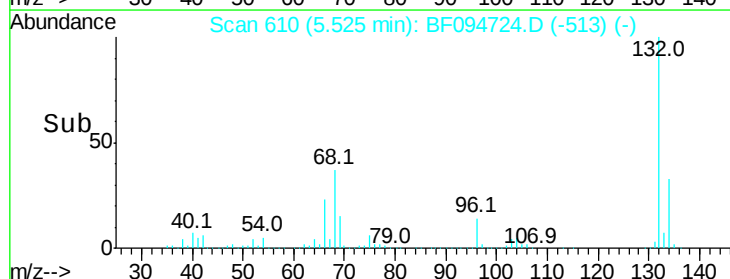
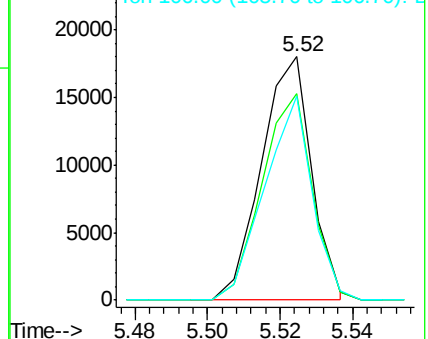
77 100

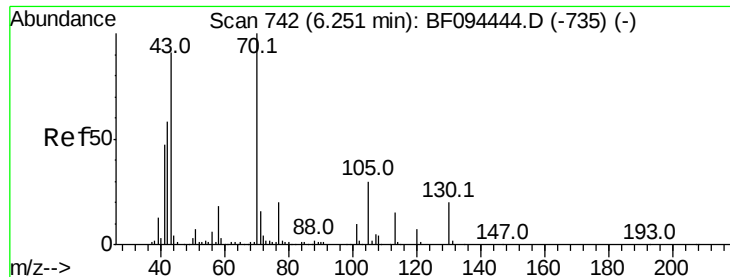
105 85.0 83.8 123.8

106 83.5 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E

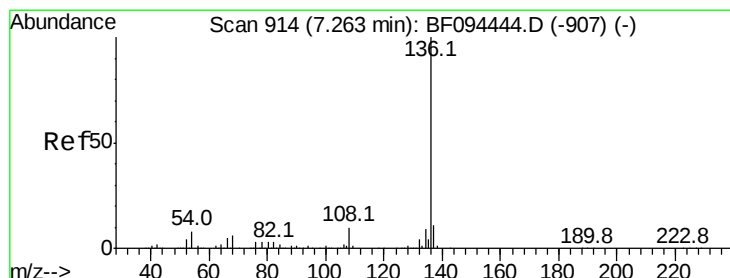
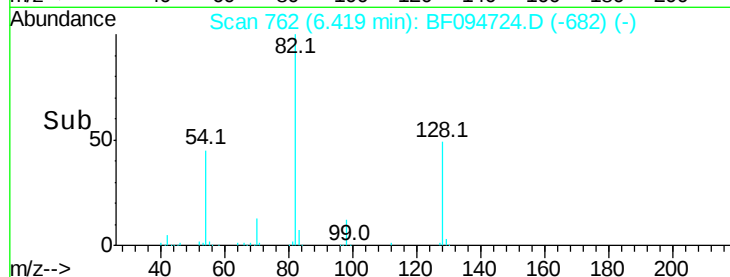
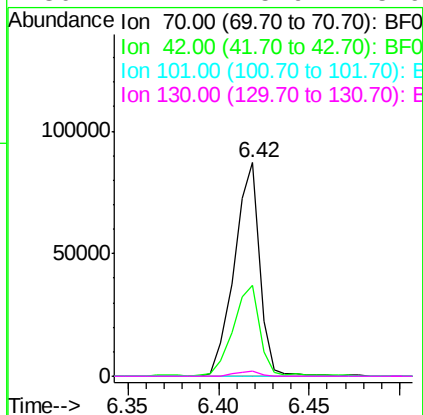
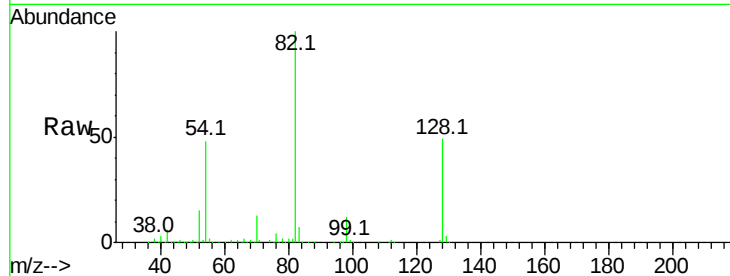




#19
 n-Nitroso-di-n-propylamine
 Concen: 16.77 ng
 RT: 6.42 min Scan# 762
 Delta R.T. 0.17 min
 Lab File: BF094724.D
 Acq: 30 Apr 2017 19:37

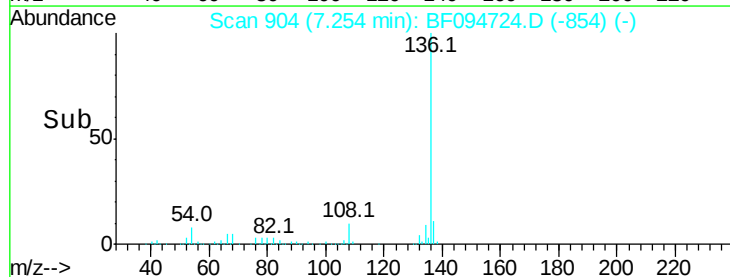
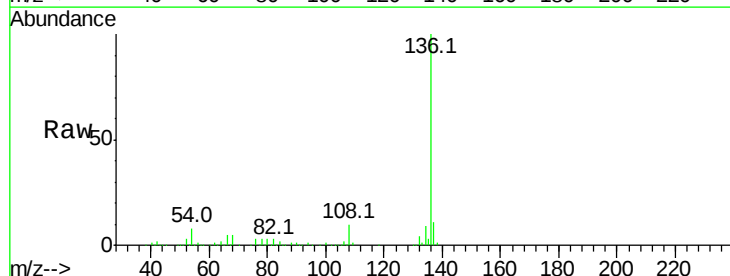
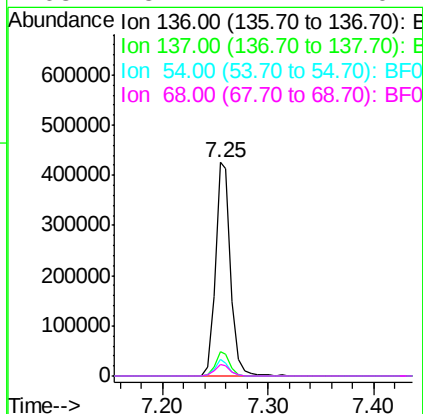
Instrument :
 BNA_F
 ClientSampled :

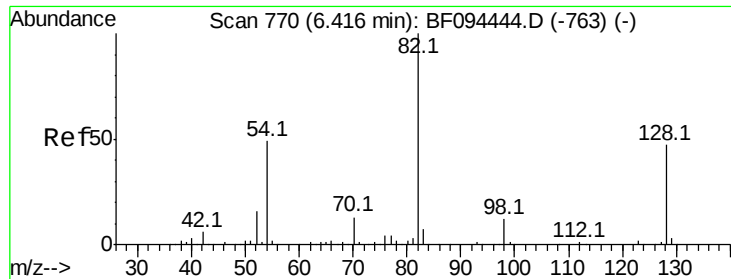
Tot Ion: 70 Resp: 85191
 Ion Ratio Lower Upper
 70 100
 42 42.4 47.2 70.8#
 101 0.0 7.2 10.8#
 130 2.7 15.9 23.9#



#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 7.25 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BF094724.D
 Acq: 30 Apr 2017 19:37

Tgt Ion:136 Resp: 434600
 Ion Ratio Lower Upper
 136 100
 137 11.1 8.5 12.7
 54 7.6 4.9 7.3#
 68 5.4 4.1 6.1

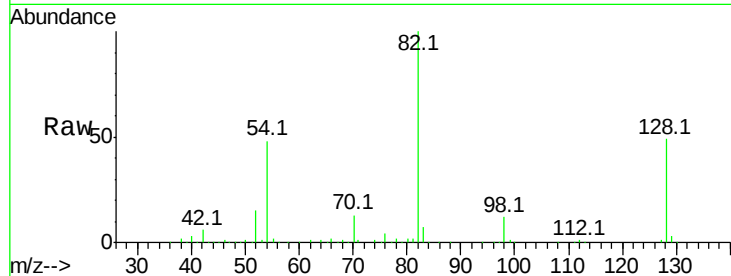




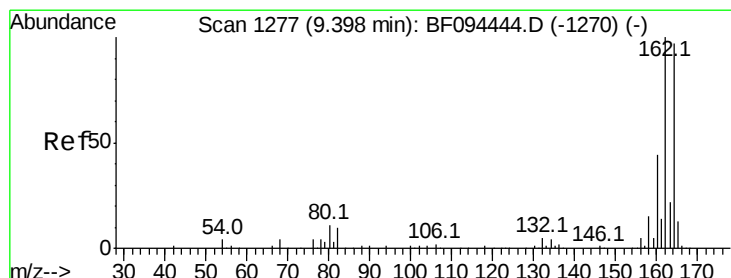
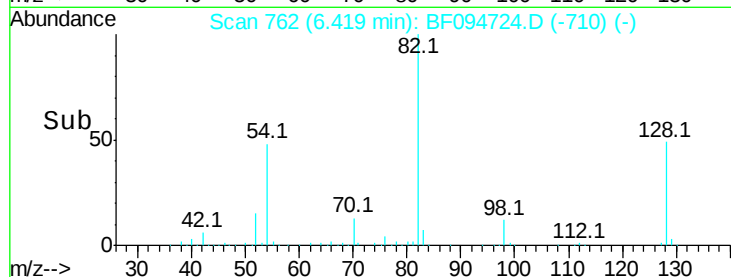
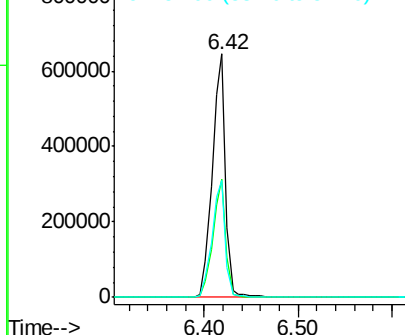
#23
 Nitrobenzene-d5
 Concen: 91.68 ng
 RT: 6.42 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BF094724.D
 Acq: 30 Apr 2017 19:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 645264
 Ion Ratio Lower Upper
 82 100
 128 48.7 34.0 51.0
 54 47.8 42.2 63.2

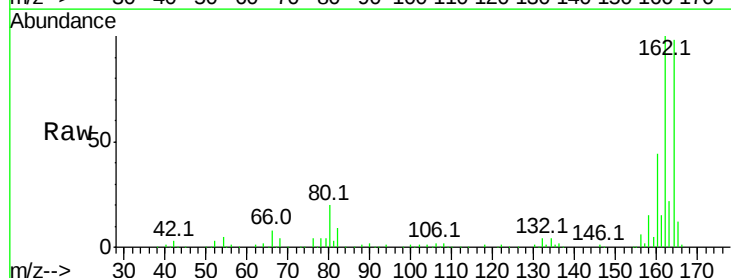


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

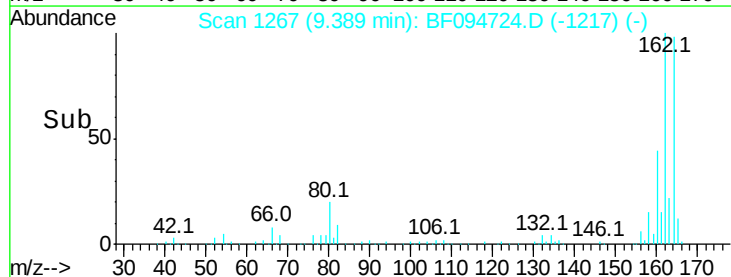
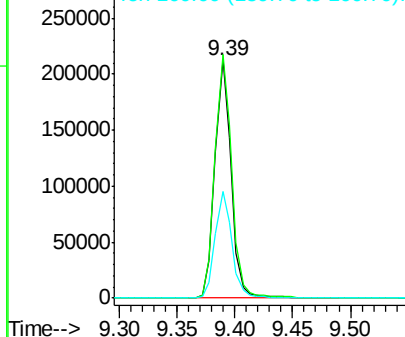


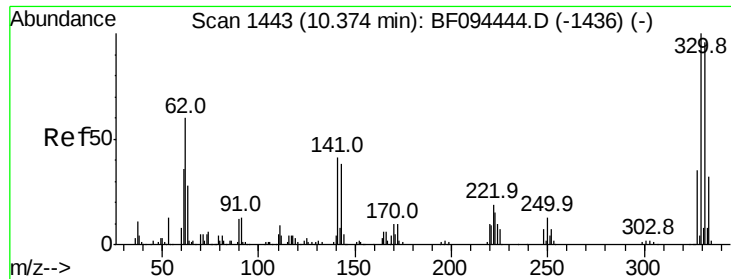
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.39 min Scan# 1267
 Delta R.T. -0.01 min
 Lab File: BF094724.D
 Acq: 30 Apr 2017 19:37

Tgt Ion:164 Resp: 208240
 Ion Ratio Lower Upper
 164 100
 162 102.1 82.6 123.8
 160 44.7 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

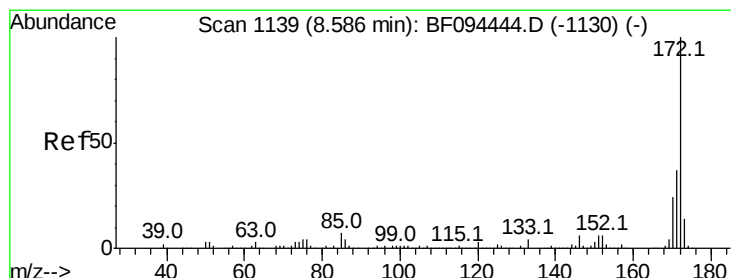
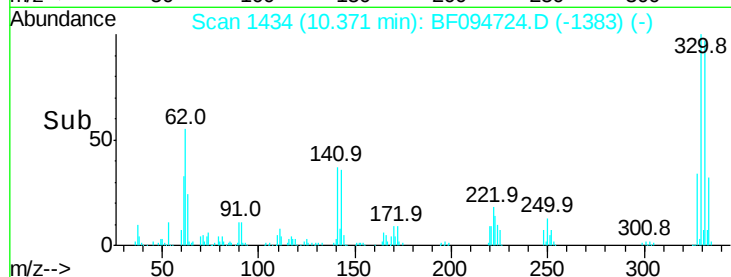
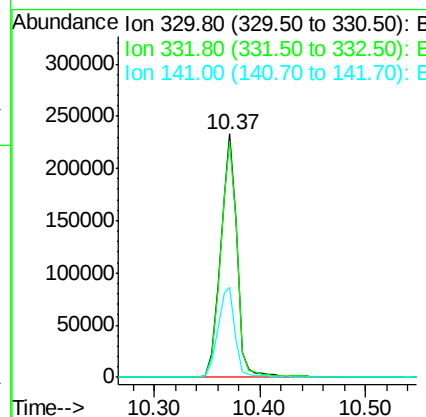
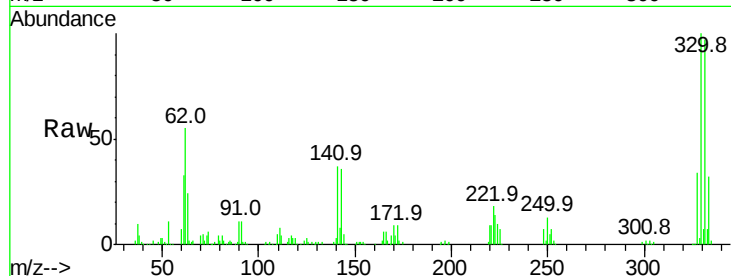




#41
 2,4,6-Tribromophenol
 Concen: 157.30 ng
 RT: 10.37 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: BF094724.D
 Acq: 30 Apr 2017 19:37

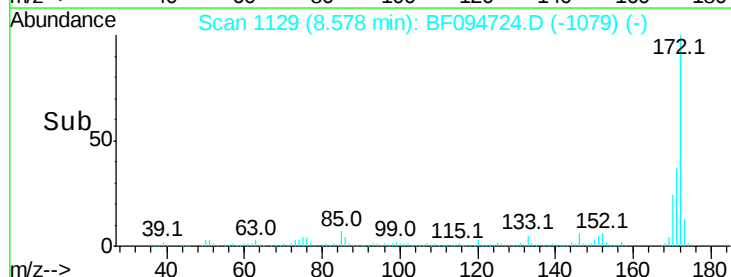
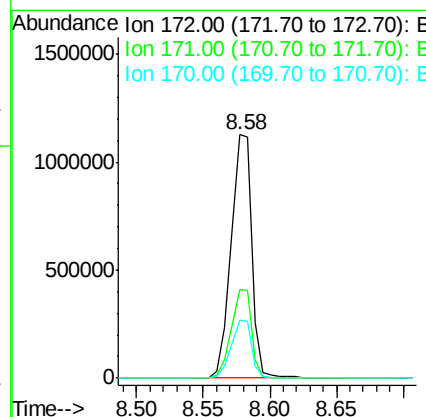
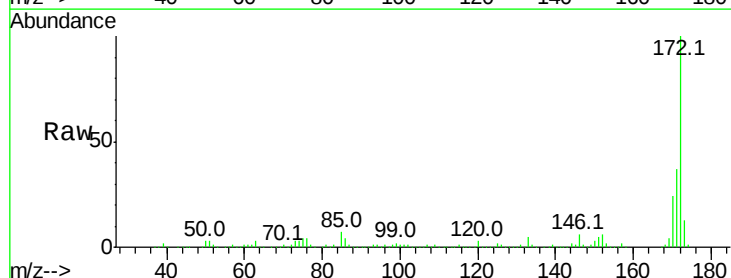
Instrument :
 BNA_F
 ClientSampleId :

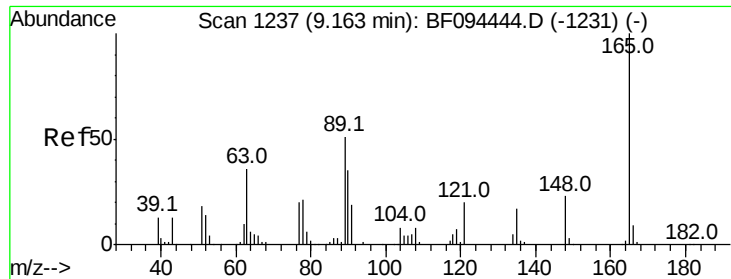
Tot Ion:330 Resp: 256211
 Ion Ratio Lower Upper
 330 100
 332 97.7 76.6 115.0
 141 39.2 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 88.01 ng
 RT: 8.58 min Scan# 1129
 Delta R.T. -0.01 min
 Lab File: BF094724.D
 Acq: 30 Apr 2017 19:37

Tgt Ion:172 Resp: 1245597
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.6 44.4
 170 24.0 19.8 29.8

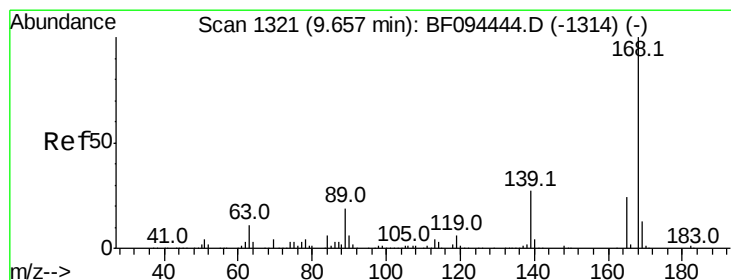
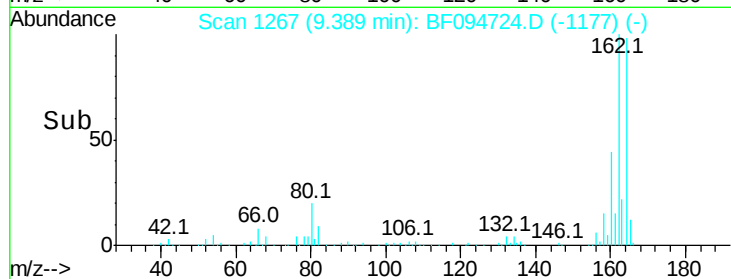
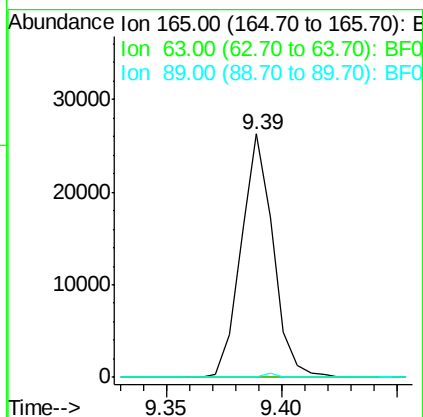
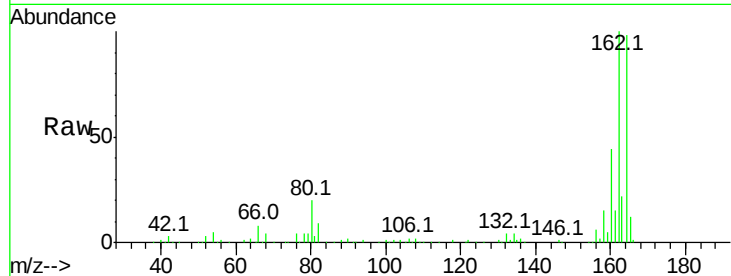




#50
 2,6-Dinitrotoluene
 Concen: 7.29 ng
 RT: 9.39 min Scan# 1267
 Delta R.T. 0.23 min
 Lab File: BF094724.D
 Acq: 30 Apr 2017 19:37

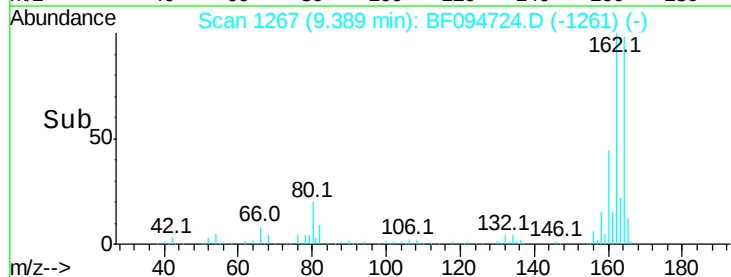
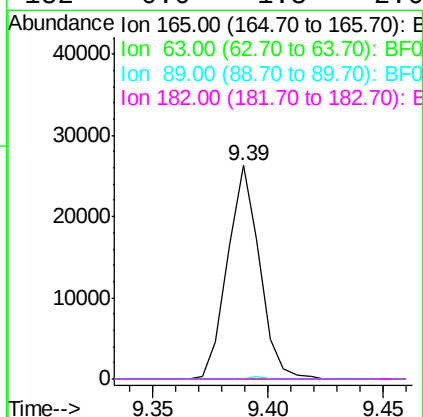
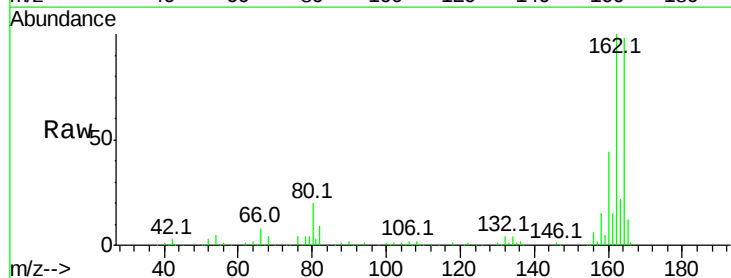
Instrument :
 BNA_F
 ClientSampleId :

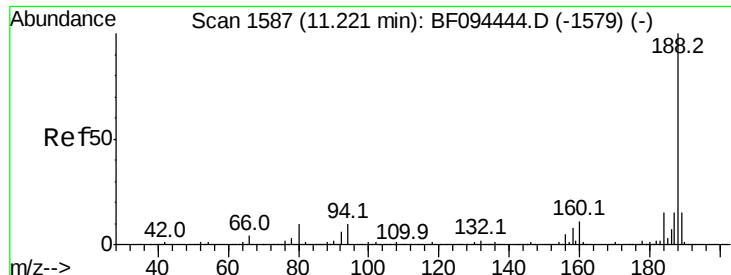
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.3	51.5#
89	0.0	37.1	55.7#



#56
 2,4-Dinitrotoluene
 Concen: 5.94 ng
 RT: 9.39 min Scan# 1267
 Delta R.T. -0.27 min
 Lab File: BF094724.D
 Acq: 30 Apr 2017 19:37

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

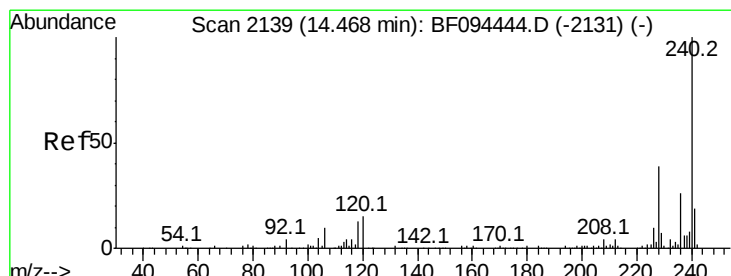
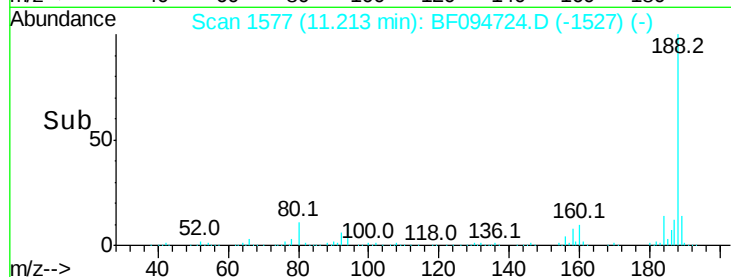
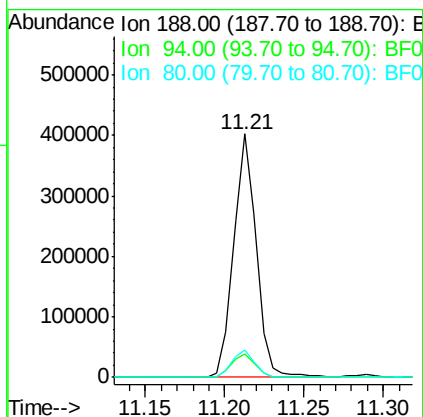
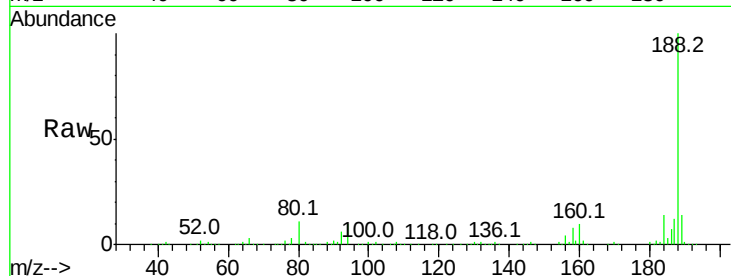




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF094724.D
Acq: 30 Apr 2017 19:37

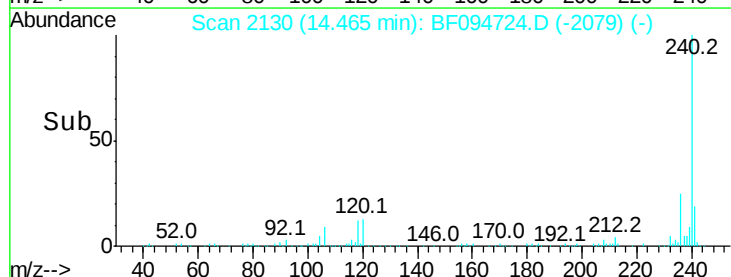
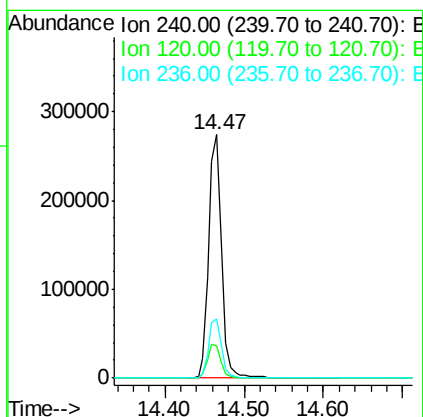
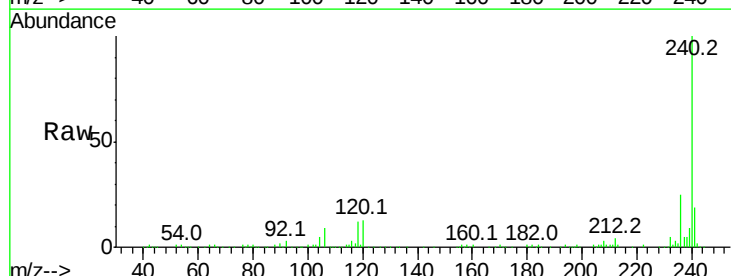
Instrument :
BNA_F
ClientSampled :

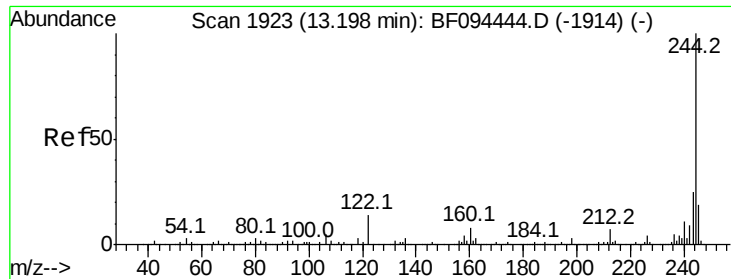
Tot Ion:188 Resp: 398710
Ion Ratio Lower Upper
188 100
94 9.8 9.4 14.2
80 11.0 10.2 15.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.47 min Scan# 2130
Delta R.T. -0.00 min
Lab File: BF094724.D
Acq: 30 Apr 2017 19:37

Tgt Ion:240 Resp: 309584
Ion Ratio Lower Upper
240 100
120 13.4 5.8 8.8#
236 24.6 20.5 30.7



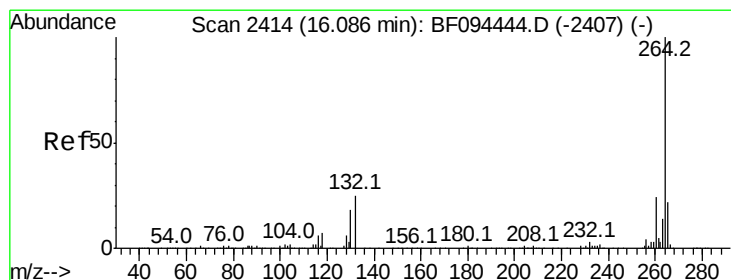
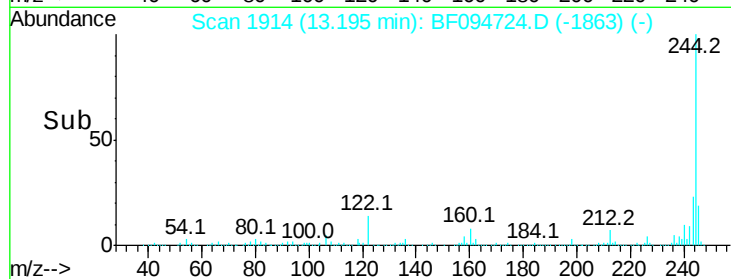
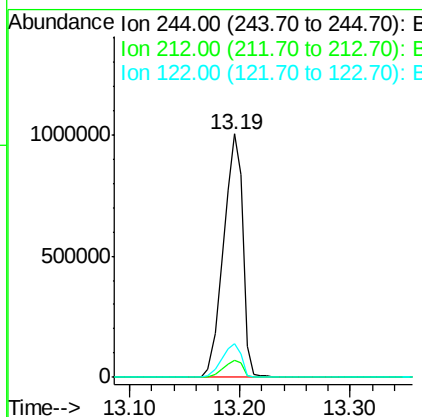
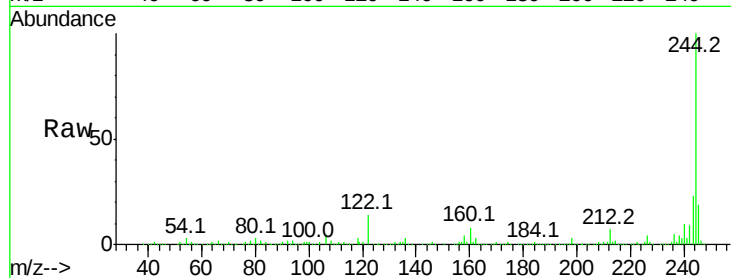


#78
 Terphenyl-d14
 Concen: 105.68 ng
 RT: 13.19 min Scan# 1914
 Delta R.T. -0.00 min
 Lab File: BF094724.D
 Acq: 30 Apr 2017 19:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1223978

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	13.7	10.3	15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.09 min Scan# 2406
 Delta R.T. 0.00 min
 Lab File: BF094724.D
 Acq: 30 Apr 2017 19:37

Tgt Ion:264 Resp: 212193

Ion	Ratio	Lower	Upper
264	100		
260	22.4	19.5	29.3
265	21.5	17.2	25.8

