

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050117\
 Data File : BF094778.D
 Acq On : 2 May 2017 5:02
 Operator : SJ/MA
 Sample : I2930-14
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 02 06:49:24 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

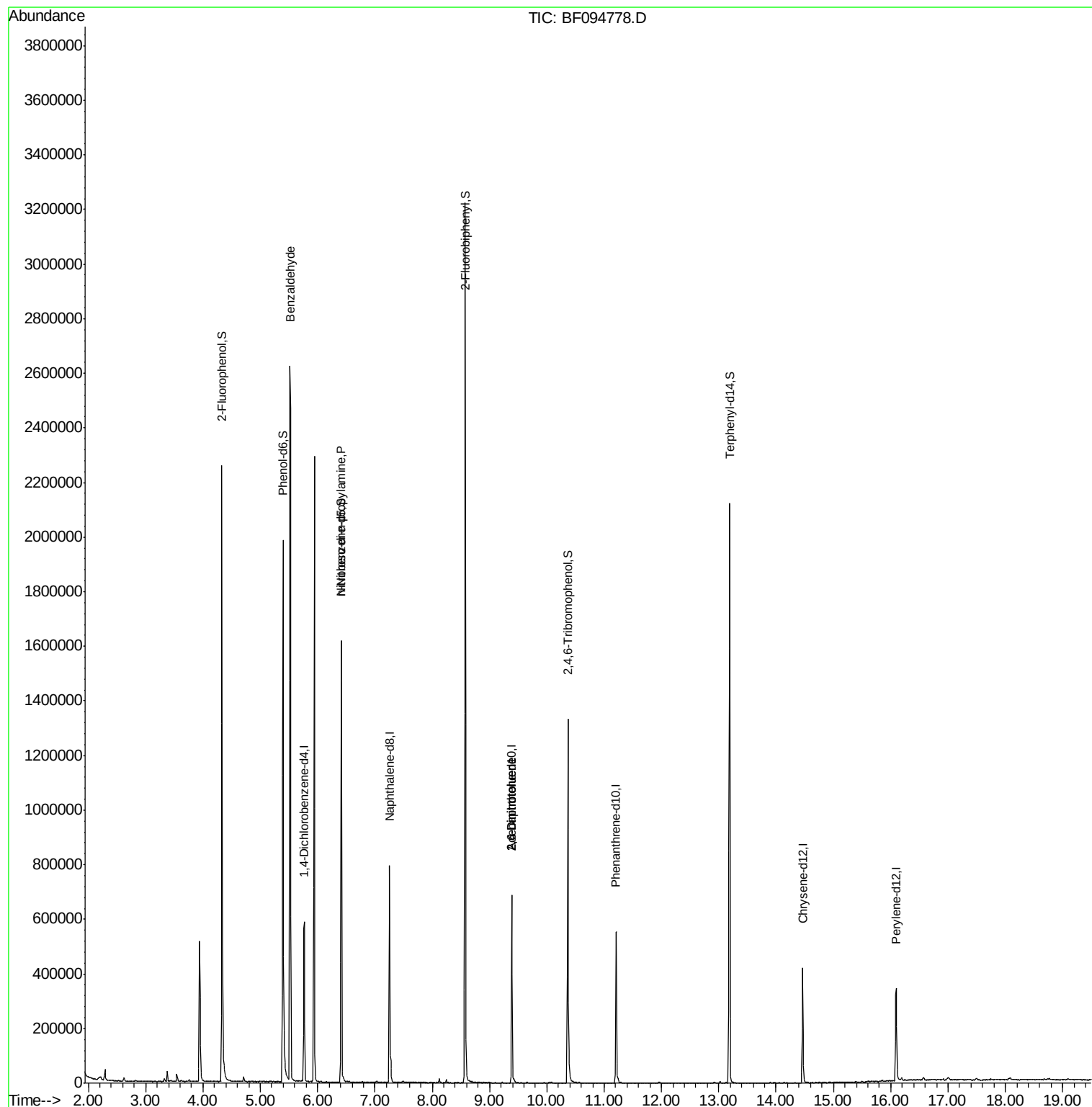
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	99163	20.00	ng	0.00
21) Naphthalene-d8	7.25	136	390647	20.00	ng	0.00
38) Acenaphthene-d10	9.39	164	161230	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	254138	20.00	ng	0.00
75) Chrysene-d12	14.46	240	182302	20.00	ng	0.00
86) Perylene-d12	16.09	264	158046	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.33	112	736966	123.30	ng	0.03
7) Phenol-d6	5.40	99	877588	124.54	ng	0.00
23) Nitrobenzene-d5	6.41	82	615147	97.23	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	184450	146.26	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	1159101	105.78	ng	0.00
78) Terphenyl-d14	13.19	244	776293	113.82	ng	0.00
Target Compounds						
9) Benzaldehyde	5.52	77	16051	2.99	ng	Qvalue 88
19) n-Nitroso-di-n-propylamine	6.41	70	82275	17.62	ng	# 75
50) 2,6-Dinitrotoluene	9.39	165	20347	7.54	ng	# 33
56) 2,4-Dinitrotoluene	9.39	165	20347	6.15	ng	# 32

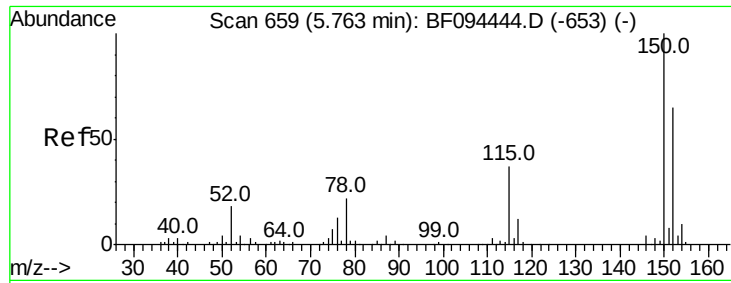
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050117\
Data File : BF094778.D
Acq On : 2 May 2017 5:02
Operator : SJ/MA
Sample : I2930-14
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: May 02 06:49:24 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



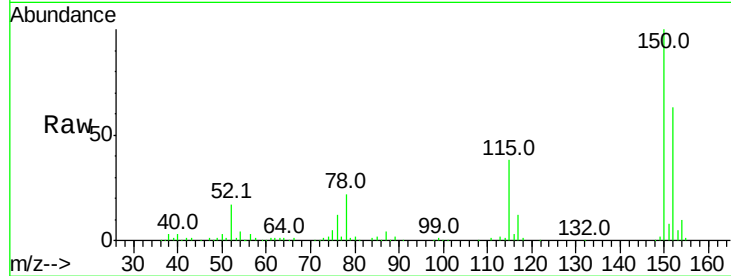


#1

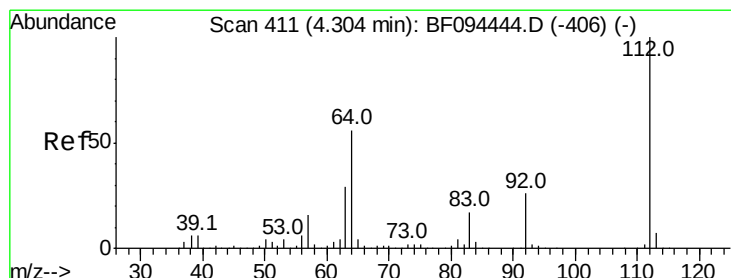
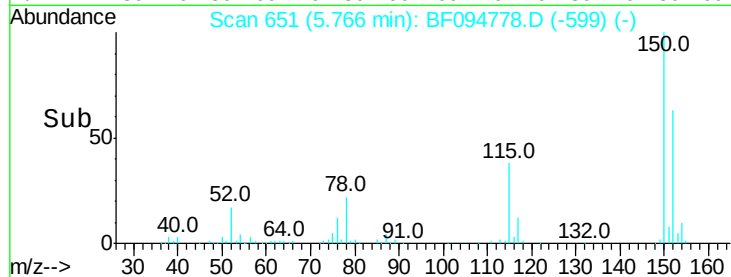
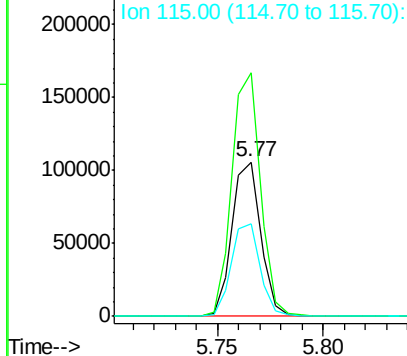
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF094778.D
Acq: 2 May 2017 5:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 99163
Ion Ratio Lower Upper
152 100
150 157.7 126.2 189.2
115 60.0 52.2 78.2



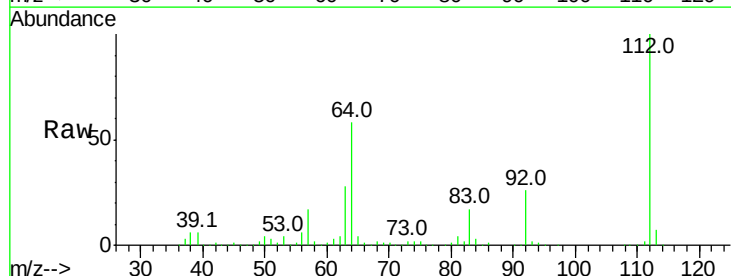
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



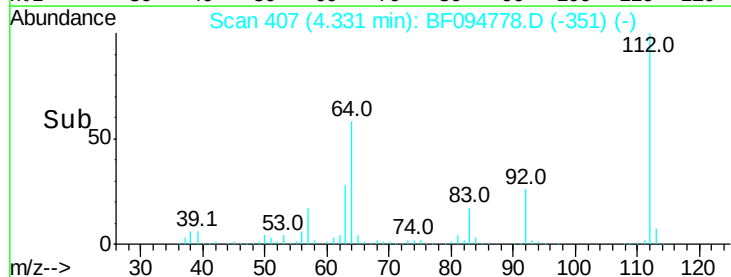
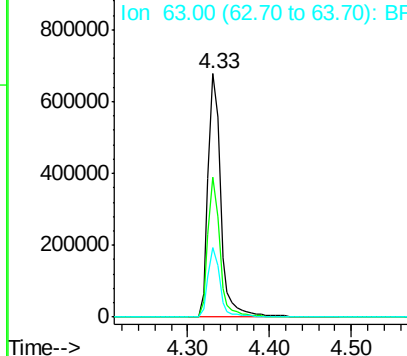
#5

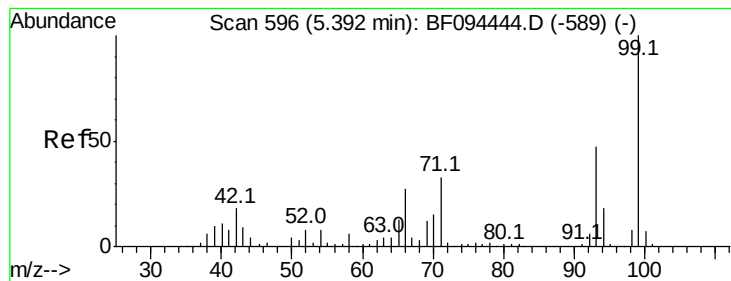
2-Fluorophenol
Concen: 123.30 ng
RT: 4.33 min Scan# 407
Delta R.T. 0.03 min
Lab File: BF094778.D
Acq: 2 May 2017 5:02

Tgt Ion:112 Resp: 736966
Ion Ratio Lower Upper
112 100
64 57.6 46.0 69.0
63 28.3 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: 124.54 ng

RT: 5.40 min Scan# 589

Delta R.T. 0.01 min

Lab File: BF094778.D

Acq: 2 May 2017 5:02

Instrument :

BNA_F

ClientSampled :

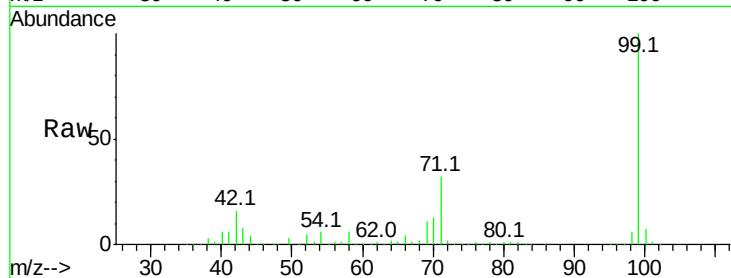
Tot Ion: 99 Resp: 877588

Ion Ratio Lower Upper

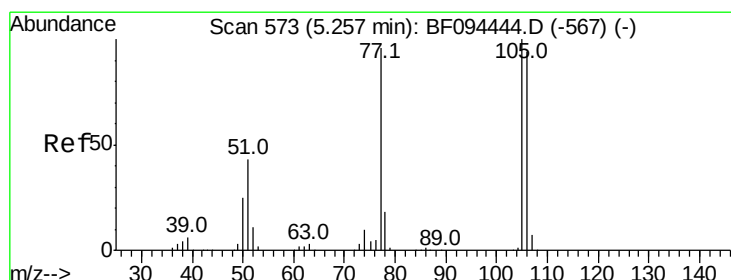
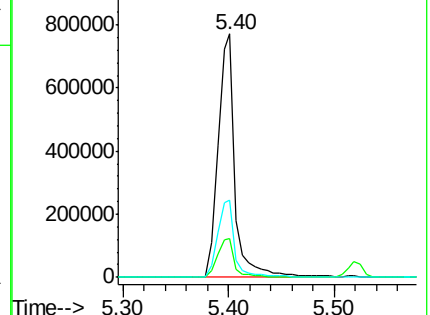
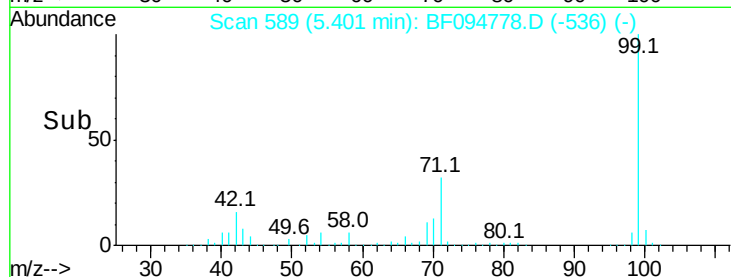
99 100

42 15.7 13.5 20.3

71 31.7 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



#9

Benzaldehyde

Concen: 2.99 ng

RT: 5.52 min Scan# 610

Delta R.T. 0.27 min

Lab File: BF094778.D

Acq: 2 May 2017 5:02

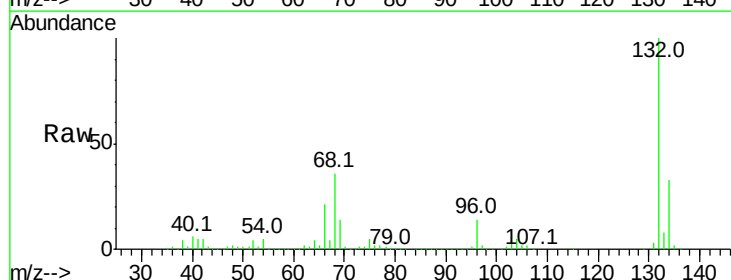
Tgt Ion: 77 Resp: 16051

Ion Ratio Lower Upper

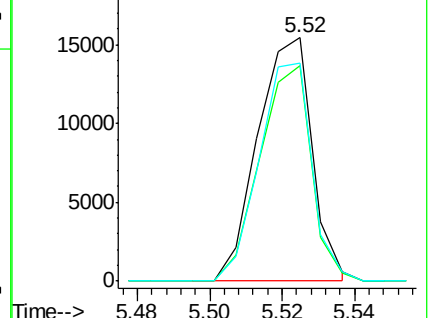
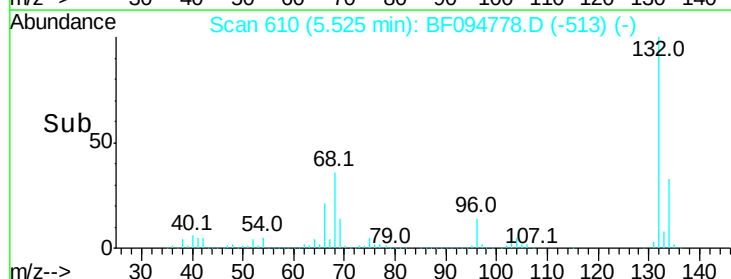
77 100

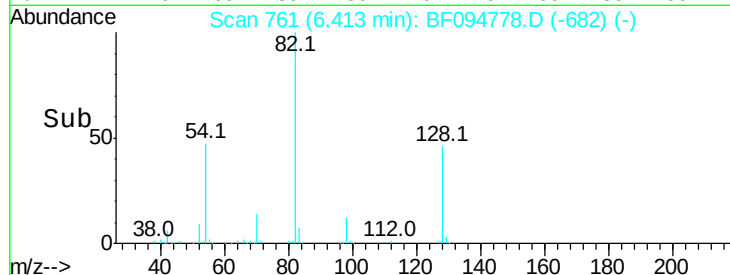
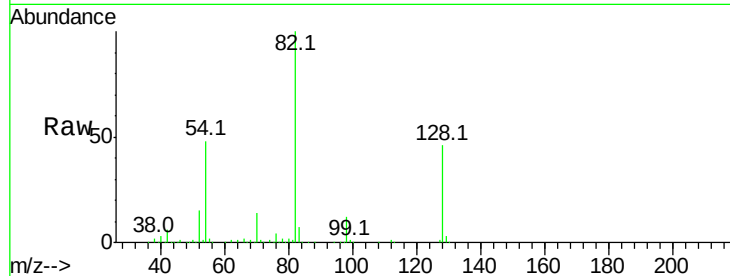
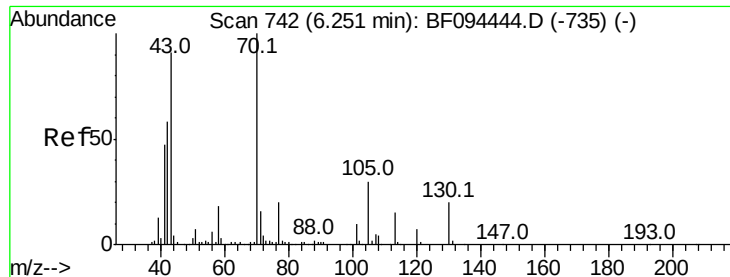
105 88.4 83.8 123.8

106 89.6 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

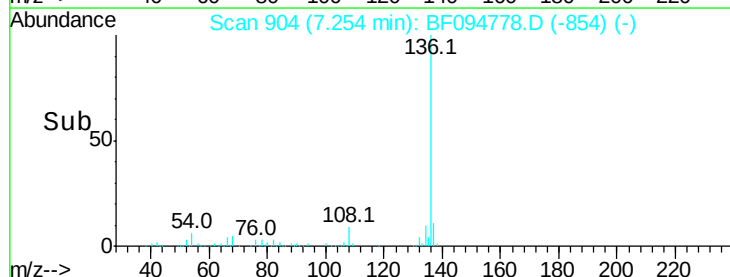
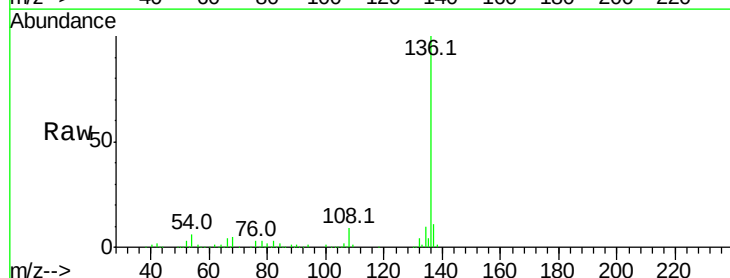
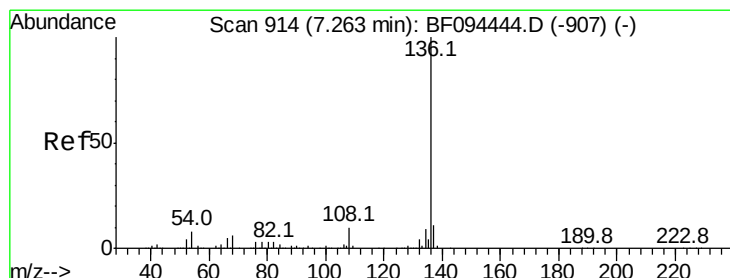
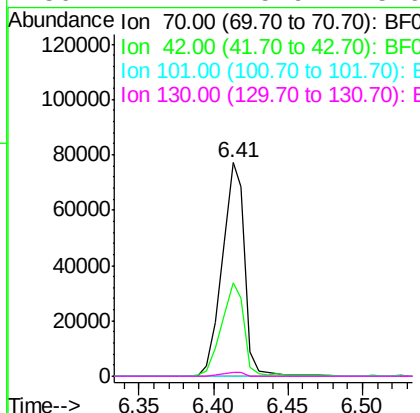




#19
n-Nitroso-di-n-propylamine
Concen: 17.62 ng
RT: 6.41 min Scan# 761
Delta R.T. 0.16 min
Lab File: BF094778.D
Acq: 2 May 2017 5:02

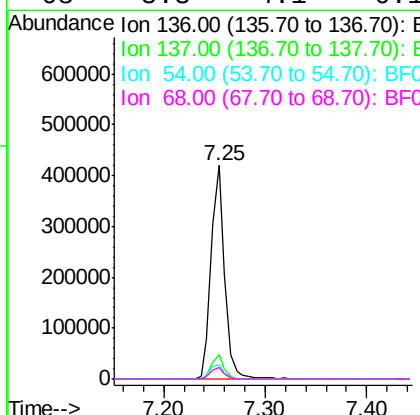
Instrument :
BNA_F
ClientSampleId :

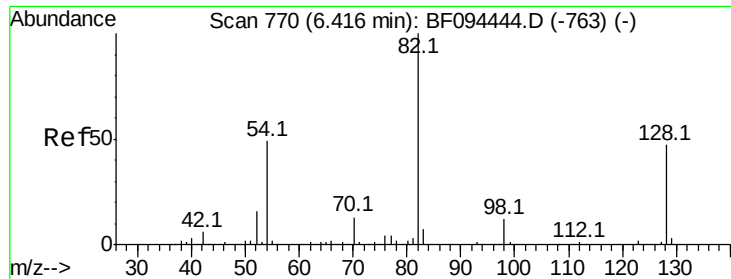
Tot Ion: 70 Resp: 82275
Ion Ratio Lower Upper
70 100
42 43.8 47.2 70.8#
101 0.0 7.2 10.8#
130 2.1 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.25 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF094778.D
Acq: 2 May 2017 5:02

Tgt Ion:136 Resp: 390647
Ion Ratio Lower Upper
136 100
137 11.2 8.5 12.7
54 6.3 4.9 7.3
68 5.3 4.1 6.1

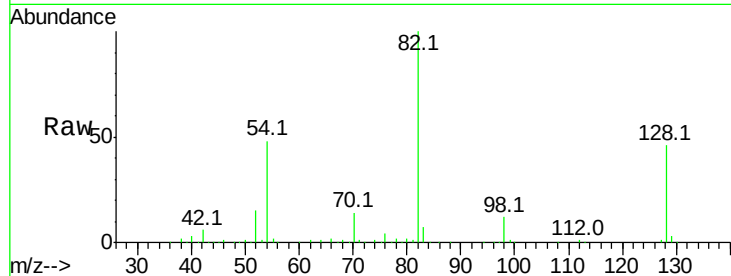




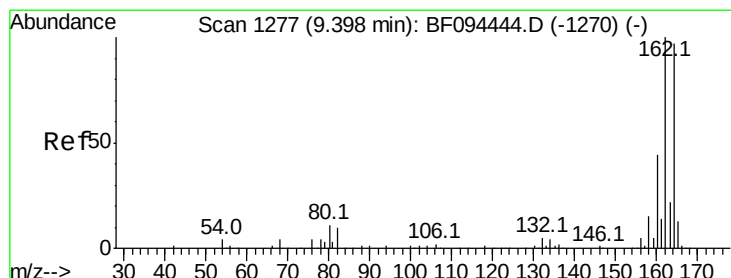
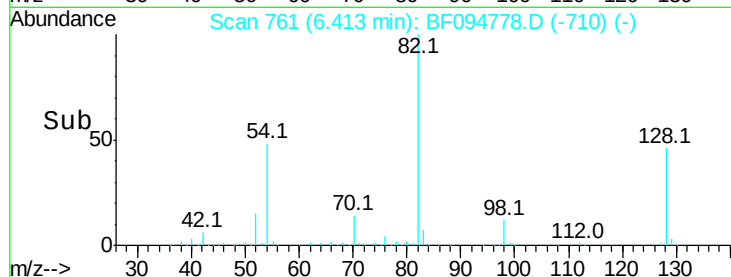
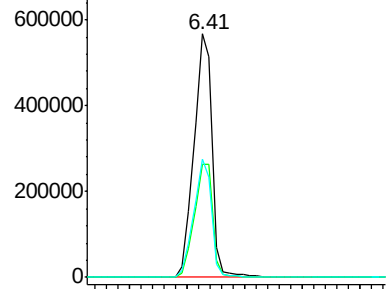
#23
 Nitrobenzene-d5
 Concen: 97.23 ng
 RT: 6.41 min Scan# 761
 Delta R.T. -0.00 min
 Lab File: BF094778.D
 Acq: 2 May 2017 5:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	615147
Ion Ratio	Lower	Upper	
82	100		
128	46.3	34.0	51.0
54	48.3	42.2	63.2

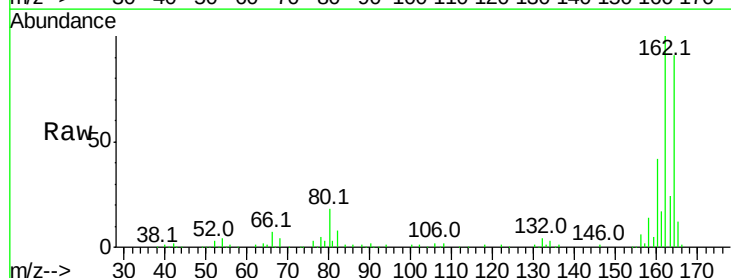


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

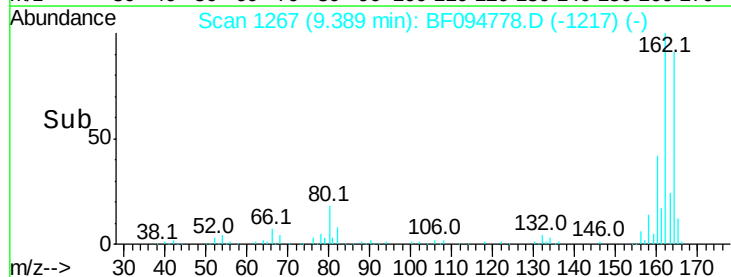
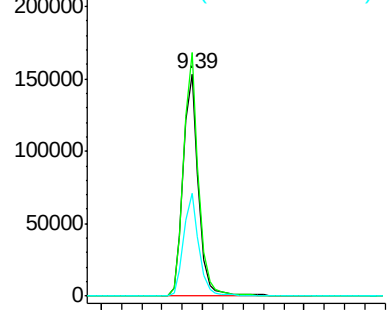


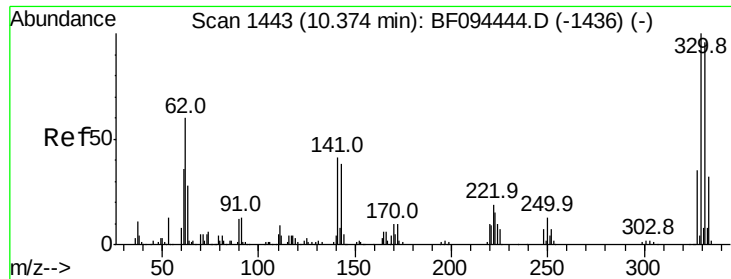
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.39 min Scan# 1267
 Delta R.T. -0.01 min
 Lab File: BF094778.D
 Acq: 2 May 2017 5:02

Tgt Ion	164	Resp	161230
Ion Ratio	Lower	Upper	
164	100		
162	109.7	82.6	123.8
160	46.5	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

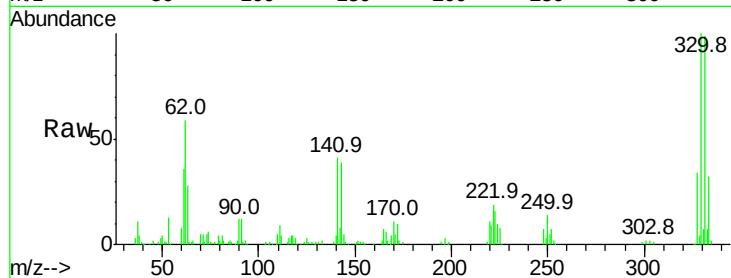




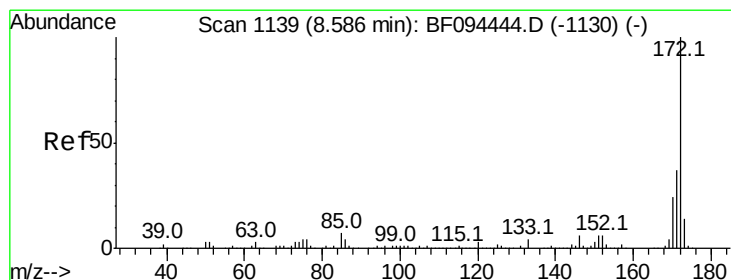
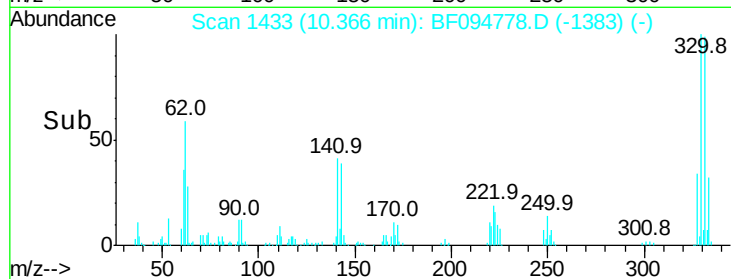
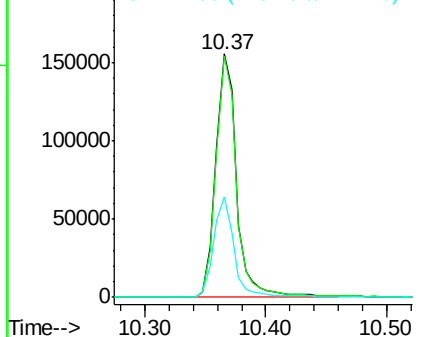
#41
 2,4,6-Tribromophenol
 Concen: 146.26 ng
 RT: 10.37 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BF094778.D
 Acq: 2 May 2017 5:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 184450
 Ion Ratio Lower Upper
 330 100
 332 98.2 76.6 115.0
 141 40.7 31.4 47.2

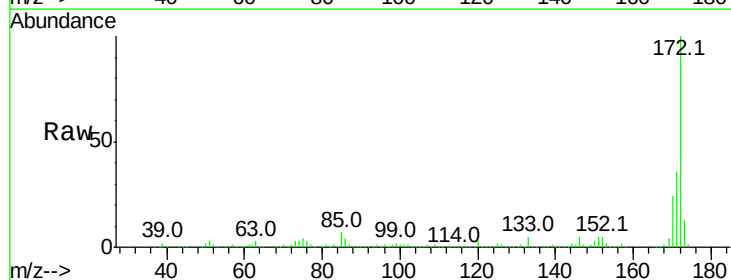


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

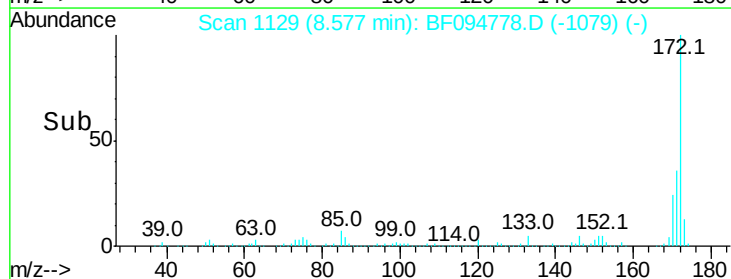
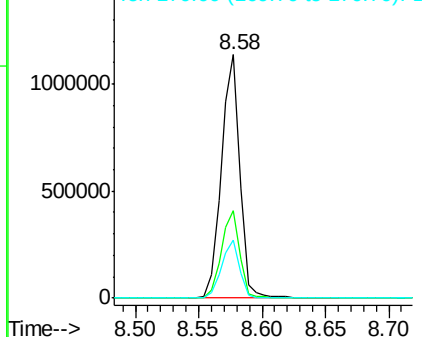


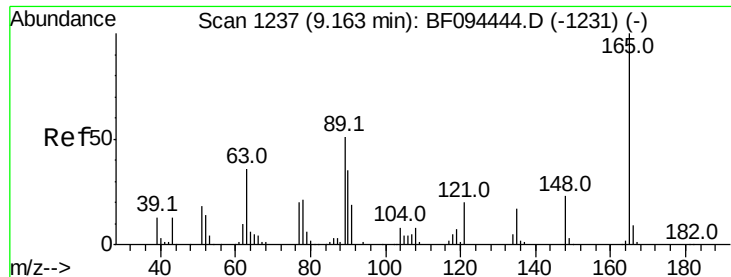
#44
 2-Fluorobiphenyl
 Concen: 105.78 ng
 RT: 8.58 min Scan# 1129
 Delta R.T. -0.01 min
 Lab File: BF094778.D
 Acq: 2 May 2017 5:02

Tgt Ion:172 Resp: 1159101
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.6 44.4
 170 23.7 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

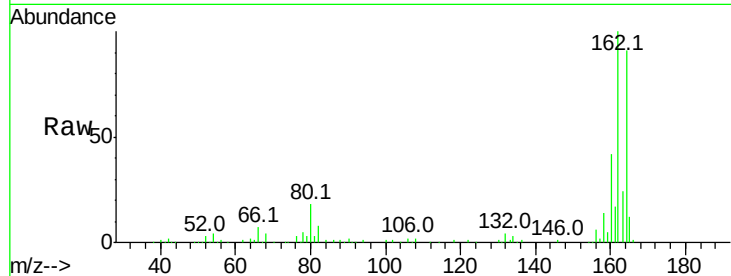




#50
 2,6-Dinitrotoluene
 Concen: 7.54 ng
 RT: 9.39 min Scan# 1267
 Delta R.T. 0.23 min
 Lab File: BF094778.D
 Acq: 2 May 2017 5:02

Instrument :
 BNA_F
 ClientSampled :

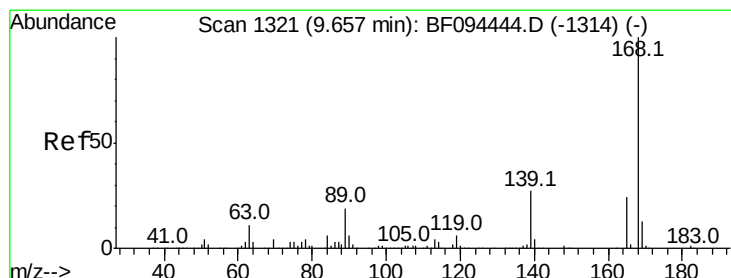
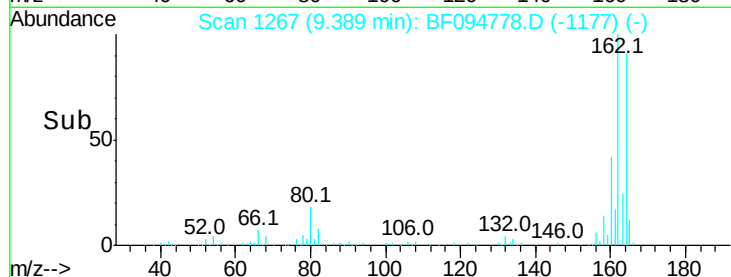
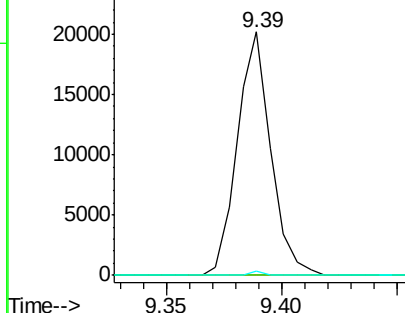
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.3	51.5#
89	1.7	37.1	55.7#



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



#56
 2,4-Dinitrotoluene
 Concen: 6.15 ng
 RT: 9.39 min Scan# 1267
 Delta R.T. -0.27 min
 Lab File: BF094778.D
 Acq: 2 May 2017 5:02

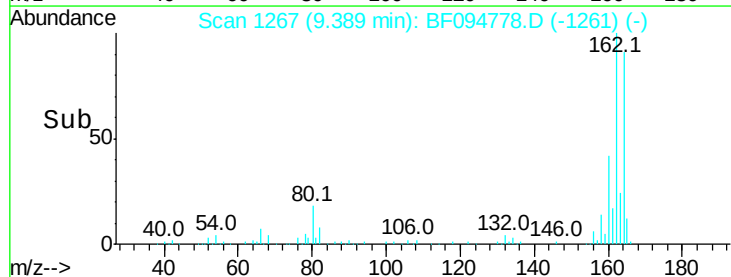
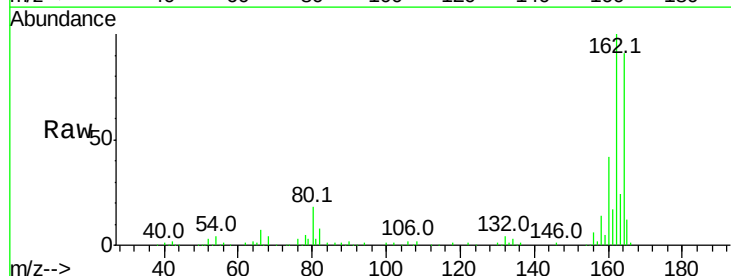
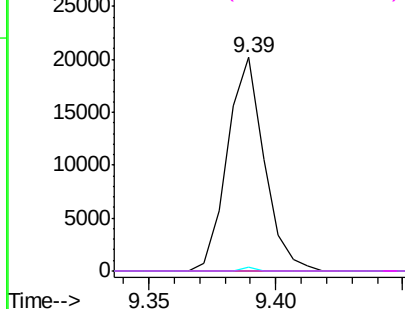
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	25.4	38.0#
89	1.7	46.4	69.6#
182	0.0	1.8	2.6#

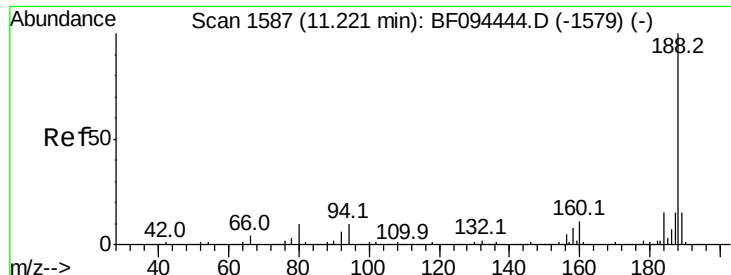
Abundance Ion 165.00 (164.70 to 165.70): E

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

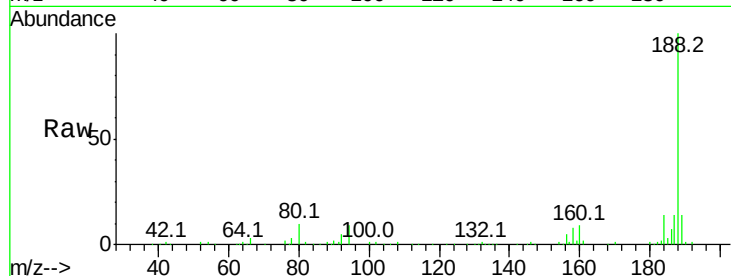




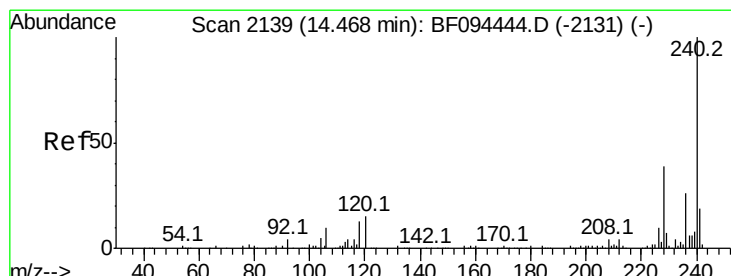
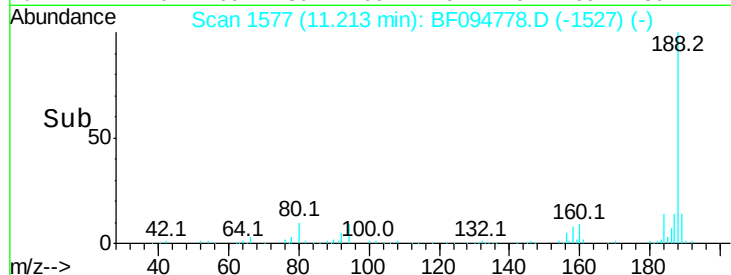
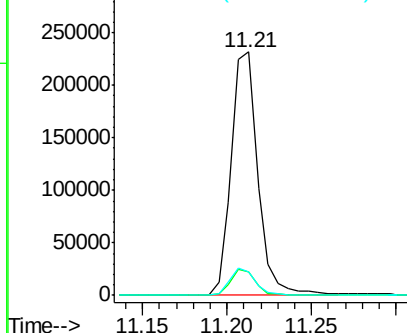
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF094778.D
Acq: 2 May 2017 5:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.4	9.4	14.2#
80	9.8	10.2	15.2#

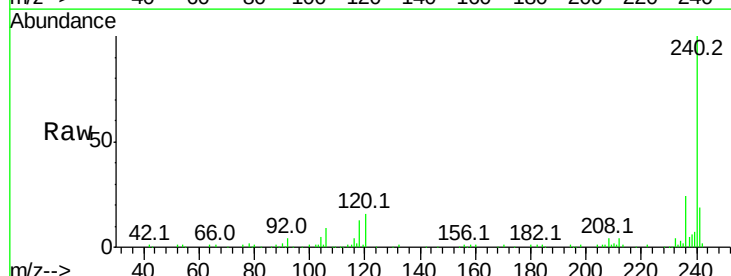


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

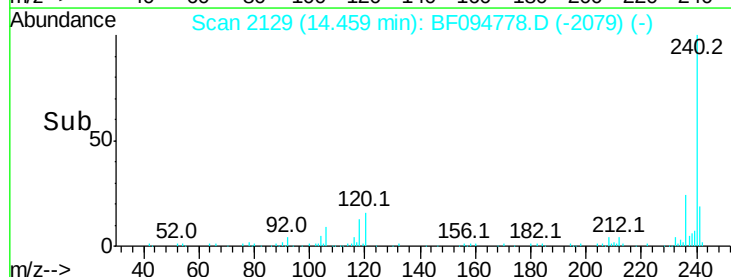
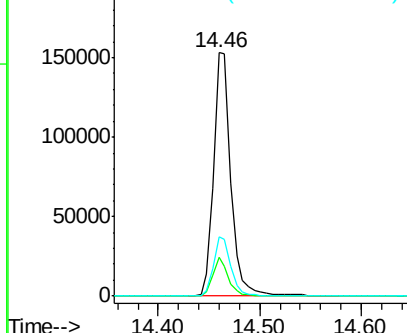


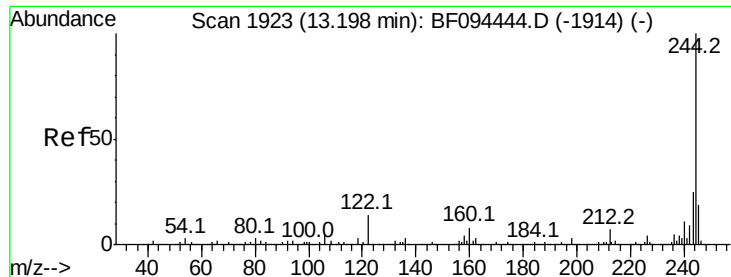
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.46 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BF094778.D
Acq: 2 May 2017 5:02

Tgt Ion	Ratio	Lower	Upper
240	100		
120	15.9	5.8	8.8#
236	24.5	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

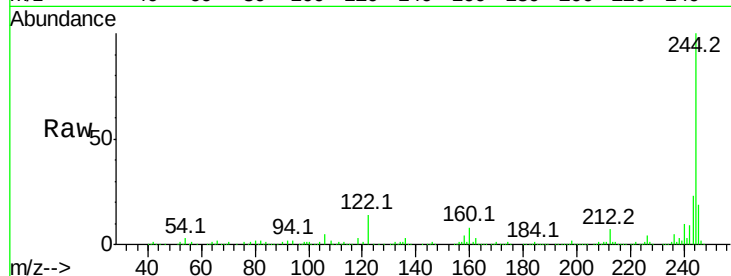




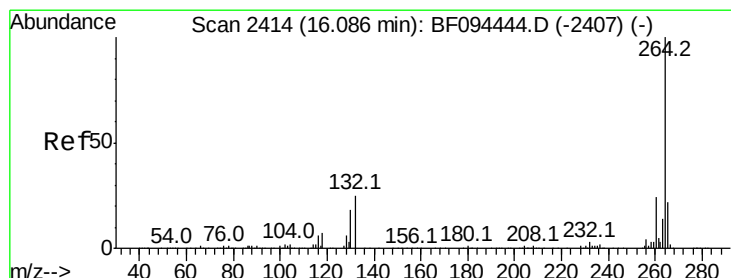
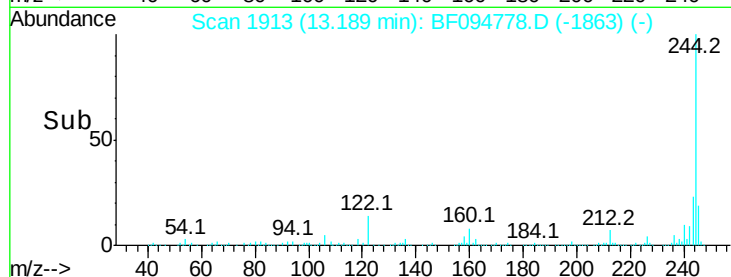
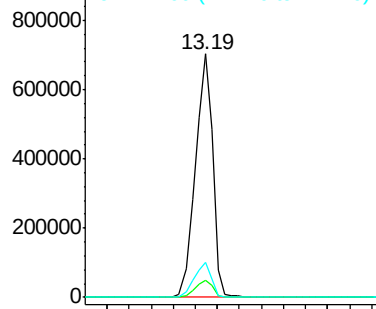
#78
 Terphenyl-d14
 Concen: 113.82 ng
 RT: 13.19 min Scan# 1913
 Delta R.T. -0.01 min
 Lab File: BF094778.D
 Acq: 2 May 2017 5:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 776293
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 14.3 10.3 15.5

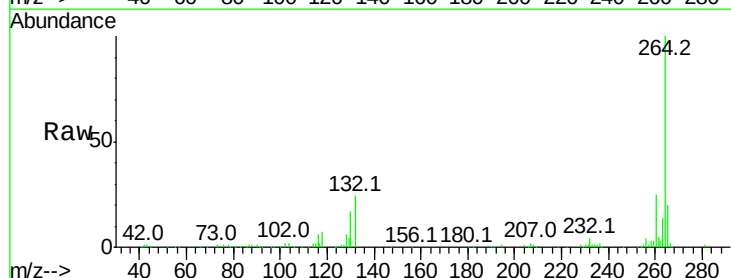


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.09 min Scan# 2407
 Delta R.T. 0.01 min
 Lab File: BF094778.D
 Acq: 2 May 2017 5:02

Tgt Ion:264 Resp: 158046
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.5 29.3
 265 20.4 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

