

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032515\
 Data File : BF077983.D
 Acq On : 26 Mar 2015 7:51
 Operator : TP/IZ
 Sample : G1643-03
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-4-3-23-15

Quant Time: Mar 26 07:26:25 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 26 00:45:24 2015
 Response via : Initial Calibration

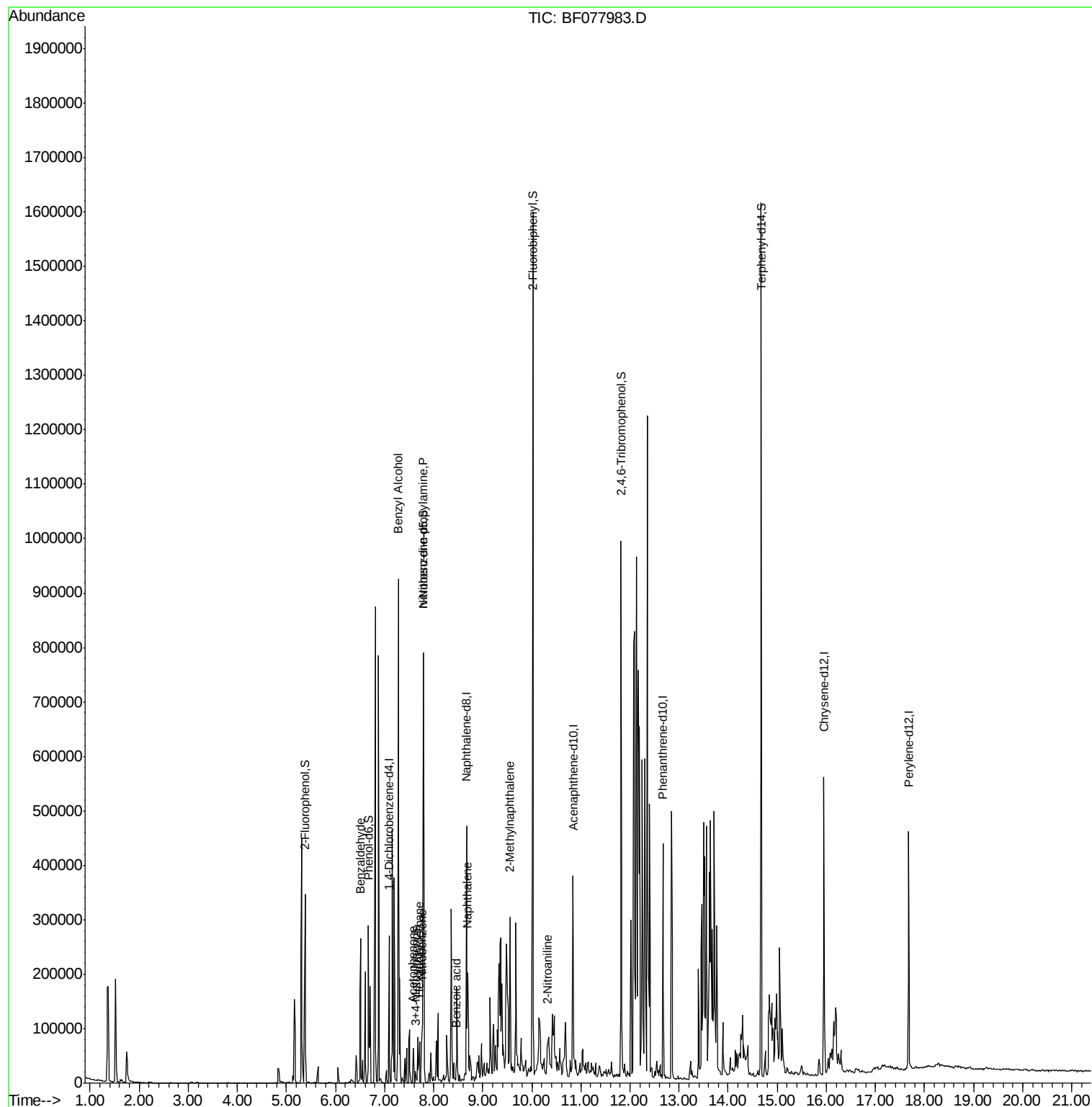
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.09	152	41173	20.00	ng	0.00
21) Naphthalene-d8	8.67	136	177475	20.00	ng	0.00
38) Acenaphthene-d10	10.84	164	92974	20.00	ng	0.00
63) Phenanthrene-d10	12.67	188	177374	20.00	ng	-0.01
75) Chrysene-d12	15.95	240	199132	20.00	ng	-0.02
86) Perylene-d12	17.68	264	191480	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	132910	56.35	ng	0.00
7) Phenol-d6	6.67	99	103340	35.46	ng	0.00
23) Nitrobenzene-d5	7.79	82	226225	83.56	ng	0.00
41) 2,4,6-Tribromophenol	11.81	330	97096	109.15	ng	-0.01
44) 2-Fluorobiphenyl	10.02	172	499812	79.00	ng	0.00
78) Terphenyl-d14	14.67	244	575378	70.58	ng	0.00
Target Compounds						
9) Benzaldehyde	6.51	77	14796	12.39	ng	# 1
15) Benzyl Alcohol	7.28	79	5745	2.53	ng	# 80
18) Hexachloroethane	7.71	117	5212	4.90	ng	# 1
19) n-Nitroso-di-n-propylamine	7.79	70	28867	14.32	ng	# 77
20) 3+4-Methylphenols	7.63	107	7894	2.63	ng	# 86
22) Acetophenone	7.58	105	27498	7.00	ng	# 56
24) Nitrobenzene	7.77	77	6509	2.23	ng	# 23
31) Naphthalene	8.69	128	77139	8.46	ng	# 99
32) Benzoic acid	8.45	122	265	3.26	ng	# 1
37) 2-Methylnaphthalene	9.55	142	102458	16.73	ng	# 98
47) 2-Nitroaniline	10.32	65	3371	2.25	ng	# 25

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

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032515\
Data File : BF077983.D
Acq On : 26 Mar 2015 7:51
Operator : TP/IZ
Sample : G1643-03
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-4-3-23-15

Quant Time: Mar 26 07:26:25 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 26 00:45:24 2015
Response via : Initial Calibration

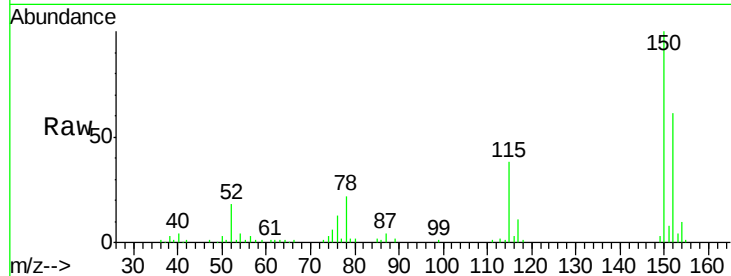




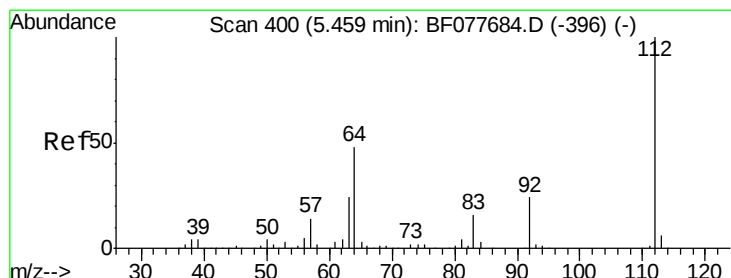
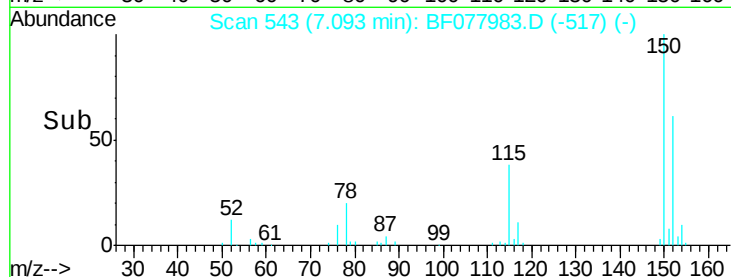
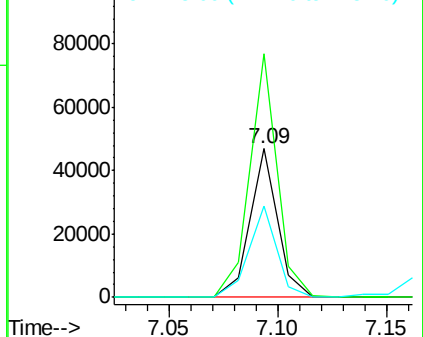
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.09 min Scan# 543
 Delta R.T. 0.00 min
 Lab File: BF077983.D
 Acq: 26 Mar 2015 7:51

Instrument :
 BNA_F
 ClientSampleId :
 MW-4-3-23-15

Tgt Ion:152 Resp: 41173
 Ion Ratio Lower Upper
 152 100
 150 164.1 119.5 179.3
 115 61.6 43.0 64.4

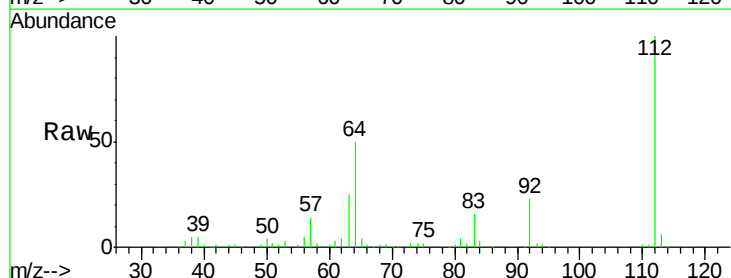


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

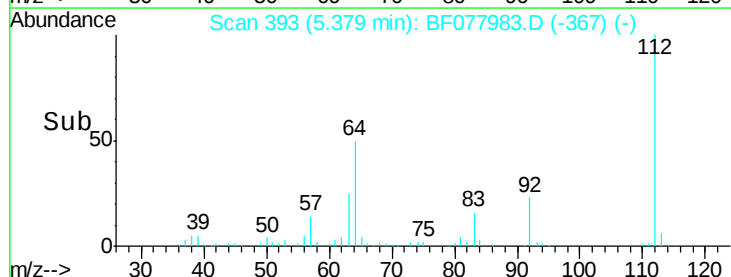
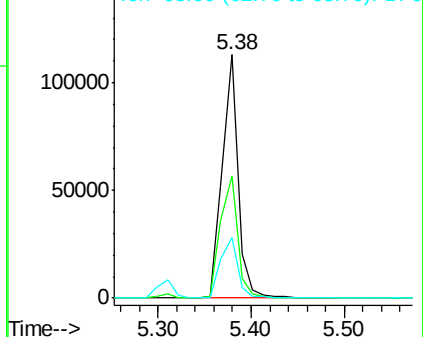


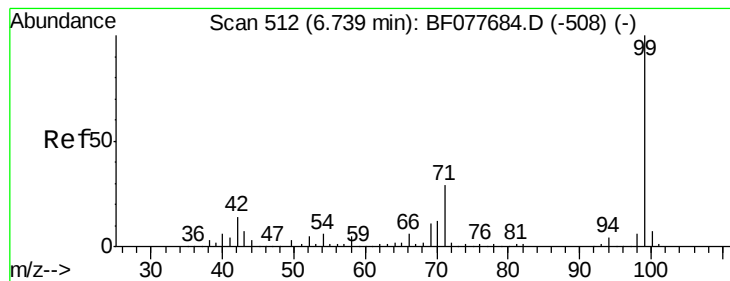
#5
 2-Fluorophenol
 Concen: 56.35 ng
 RT: 5.38 min Scan# 393
 Delta R.T. 0.00 min
 Lab File: BF077983.D
 Acq: 26 Mar 2015 7:51

Tgt Ion:112 Resp: 132910
 Ion Ratio Lower Upper
 112 100
 64 50.3 38.6 57.8
 63 24.9 19.3 28.9



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: 35.46 ng

RT: 6.67 min Scan# 506

Delta R.T. 0.00 min

Lab File: BF077983.D

Acq: 26 Mar 2015 7:51

Instrument :

BNA_F

ClientSampleId :

MW-4-3-23-15

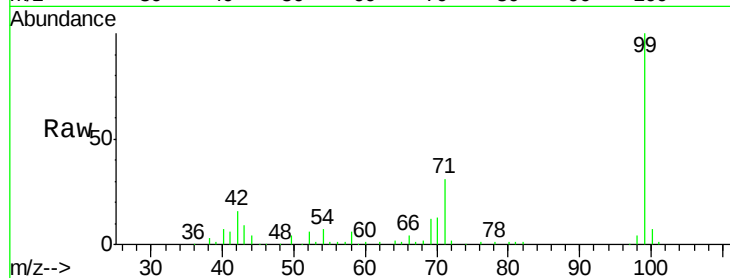
Tgt Ion: 99 Resp: 103340

Ion Ratio Lower Upper

99 100

42 16.5 11.0 16.4#

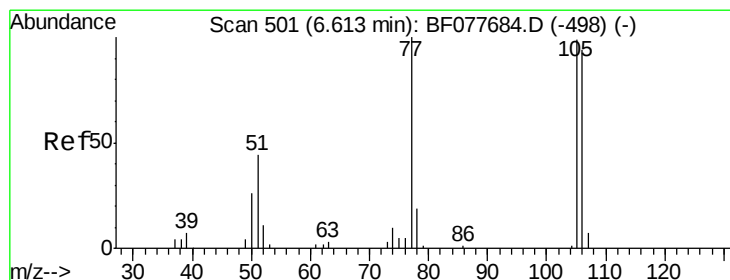
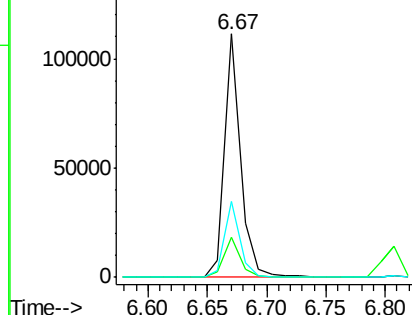
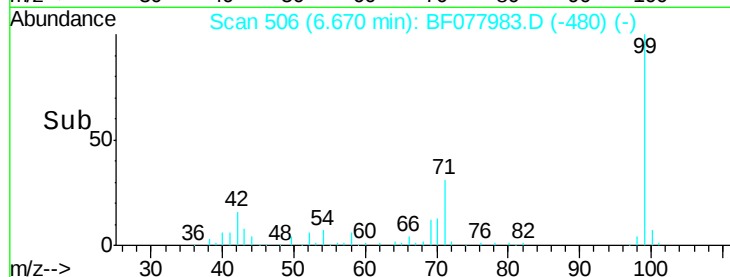
71 31.5 23.4 35.2



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: 12.39 ng

RT: 6.51 min Scan# 492

Delta R.T. -0.02 min

Lab File: BF077983.D

Acq: 26 Mar 2015 7:51

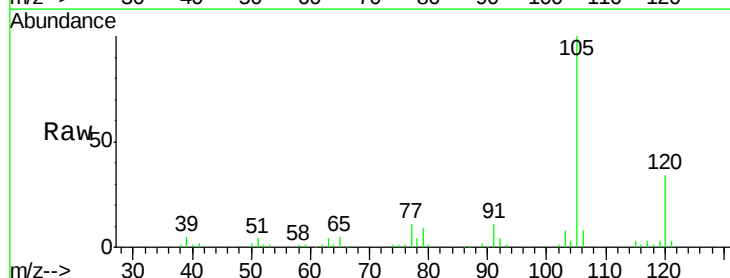
Tgt Ion: 77 Resp: 14796

Ion Ratio Lower Upper

77 100

105 883.5 78.8 118.8#

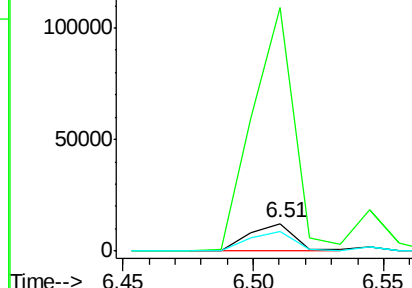
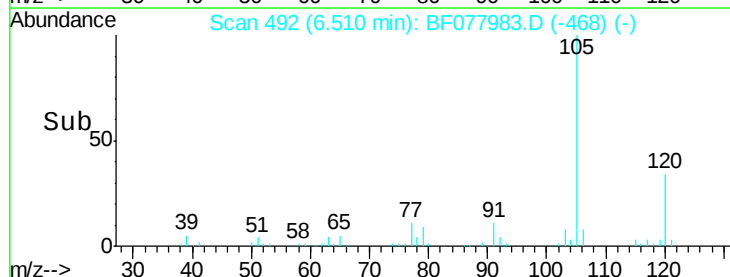
106 70.8 73.7 113.7#

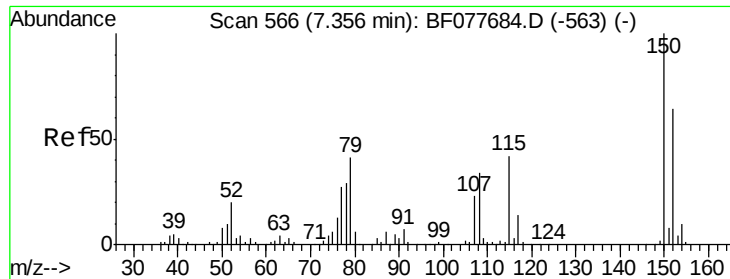


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B

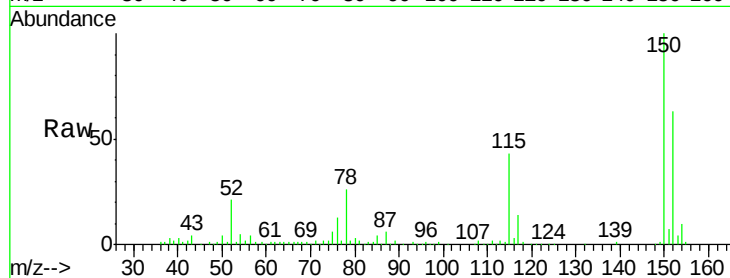




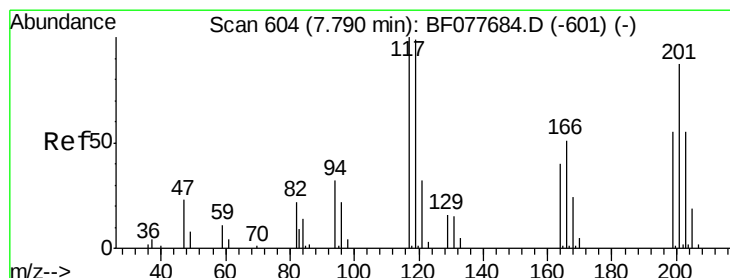
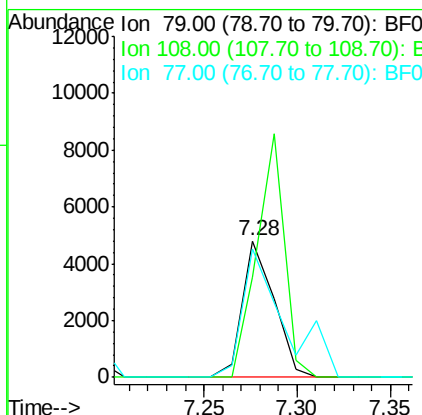
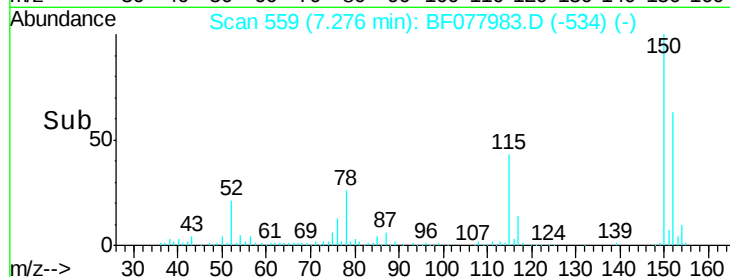
#15
Benzyl Alcohol
Concen: 2.53 ng
RT: 7.28 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF077983.D
Acq: 26 Mar 2015 7:51

Instrument :
BNA_F
ClientSampleId :
MW-4-3-23-15

Tgt Ion: 79 Resp: 5745
Ion Ratio Lower Upper
79 100
108 73.7 65.0 97.4
77 94.0 53.0 79.6#

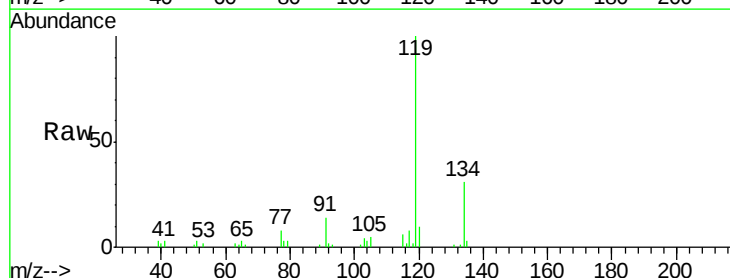


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): B
Ion 77.00 (76.70 to 77.70): BF0

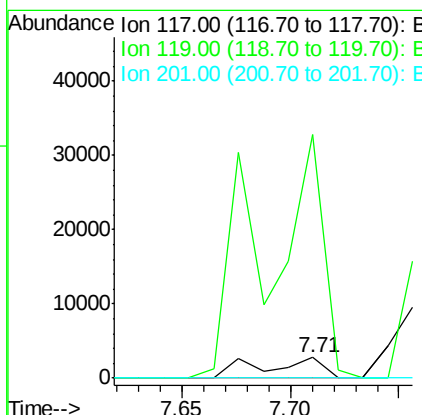
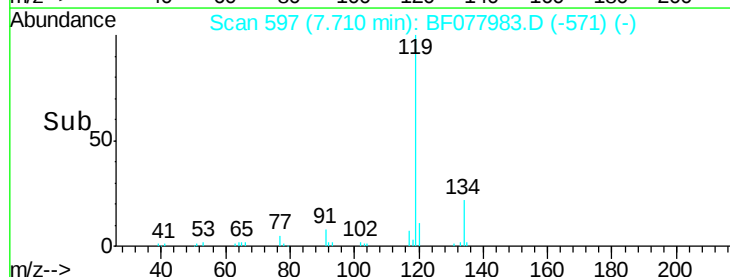


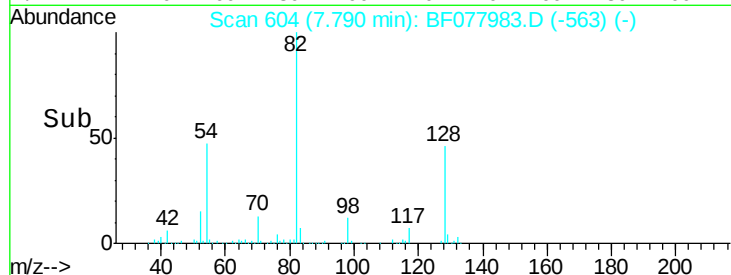
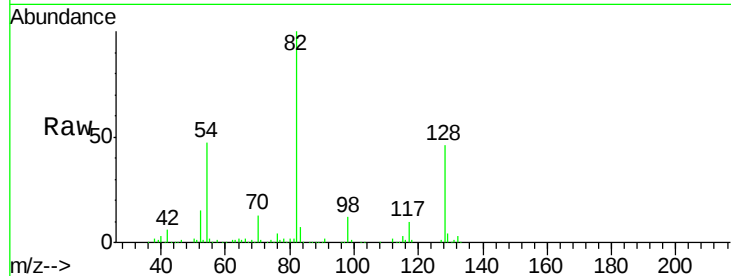
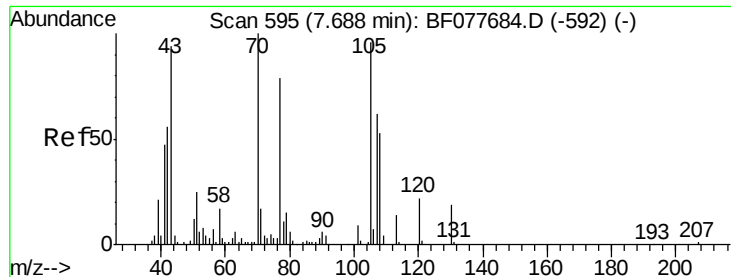
#18
Hexachloroethane
Concen: 4.90 ng
RT: 7.71 min Scan# 597
Delta R.T. 0.00 min
Lab File: BF077983.D
Acq: 26 Mar 2015 7:51

Tgt Ion: 117 Resp: 5212
Ion Ratio Lower Upper
117 100
119 1192.2 79.2 118.8#
201 0.0 69.8 104.6#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

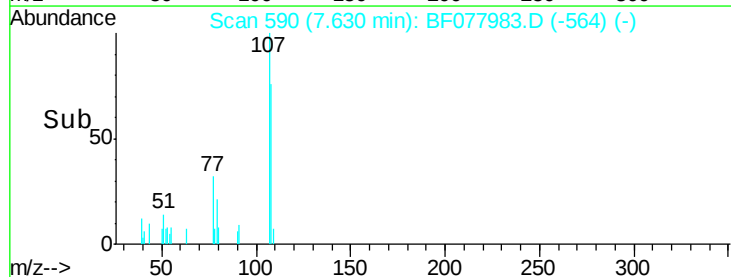
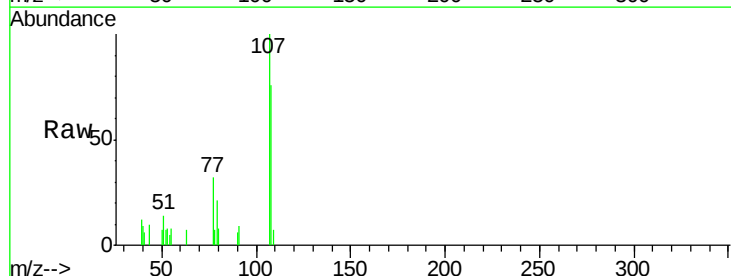
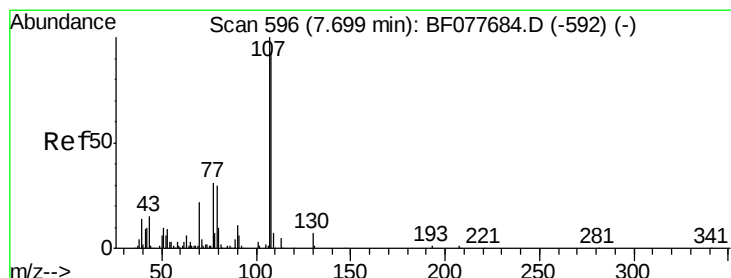
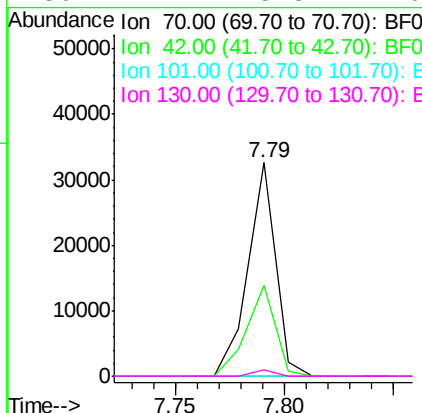




#19
n-Nitroso-di-n-propylamine
Concen: 14.32 ng
RT: 7.79 min Scan# 604
Delta R.T. 0.17 min
Lab File: BF077983.D
Acq: 26 Mar 2015 7:51

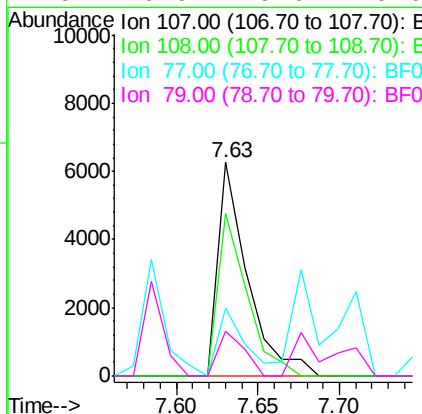
Instrument :
BNA_F
ClientSampleId :
MW-4-3-23-15

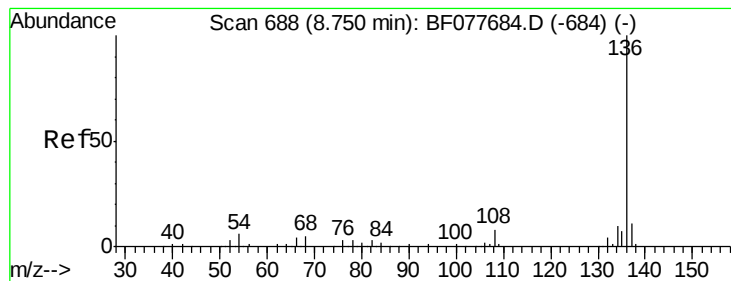
Tgt Ion:	70	Resp:	28867
Ion	Ratio	Lower	Upper
70	100		
42	42.8	44.5	66.7#
101	0.0	7.4	11.2#
130	2.7	15.3	22.9#



#20
3+4-Methylphenols
Concen: 2.63 ng
RT: 7.63 min Scan# 590
Delta R.T. 0.00 min
Lab File: BF077983.D
Acq: 26 Mar 2015 7:51

Tgt Ion:	107	Resp:	7894
Ion	Ratio	Lower	Upper
107	100		
108	76.0	73.2	113.2
77	31.8	10.7	50.7
79	20.9	9.6	49.6





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.67 min Scan# 681

Delta R.T. 0.00 min

Lab File: BF077983.D

Acq: 26 Mar 2015 7:51

Instrument :

BNA_F

ClientSampleId :

MW-4-3-23-15

Tgt Ion:136 Resp: 177475

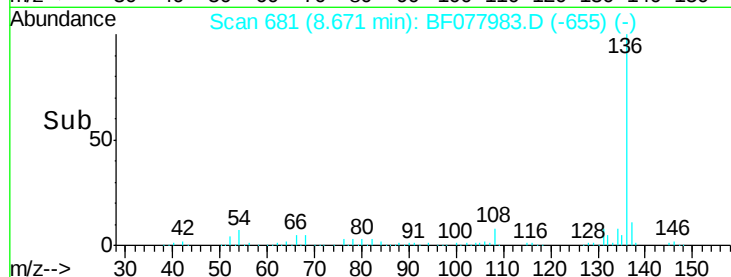
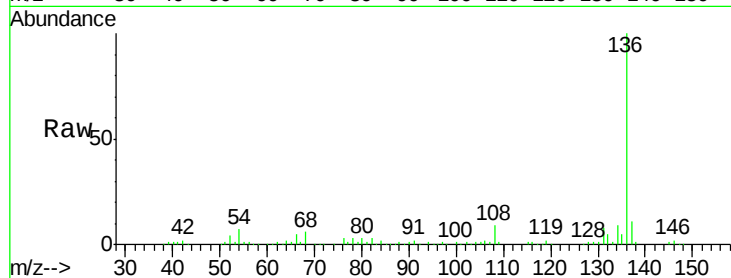
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 6.9 4.6 6.8#

68 5.5 3.7 5.5#



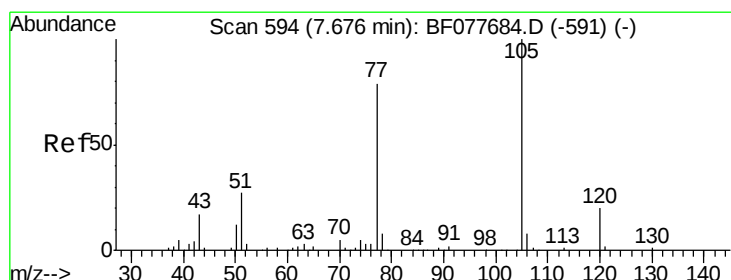
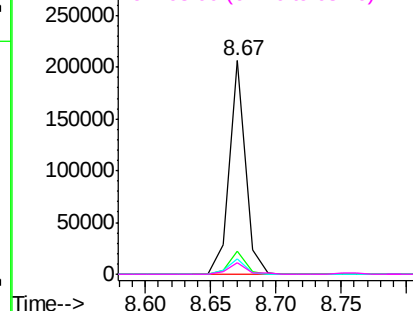
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 7.00 ng

RT: 7.58 min Scan# 586

Delta R.T. -0.02 min

Lab File: BF077983.D

Acq: 26 Mar 2015 7:51

Tgt Ion:105 Resp: 27498

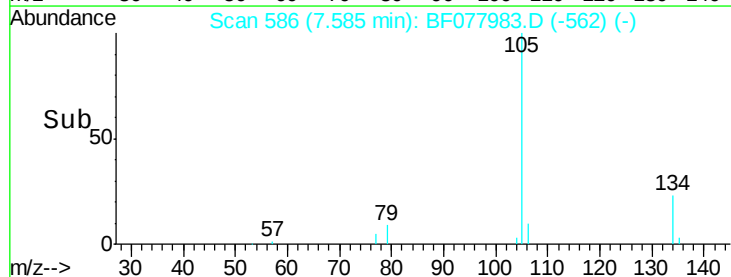
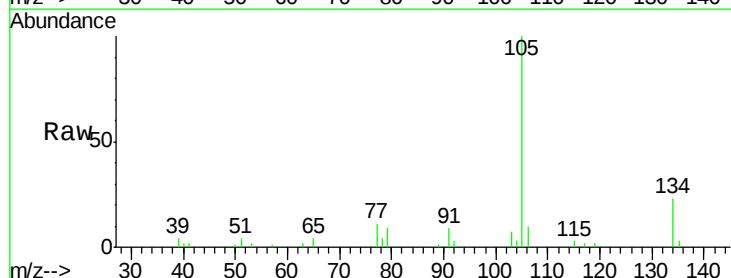
Ion Ratio Lower Upper

105 100

71 0.0 0.6 1.0#

51 3.7 21.6 32.4#

120 0.0 16.1 24.1#



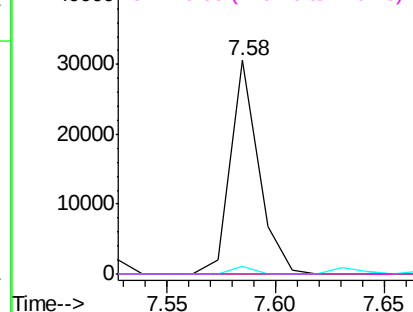
Abundance

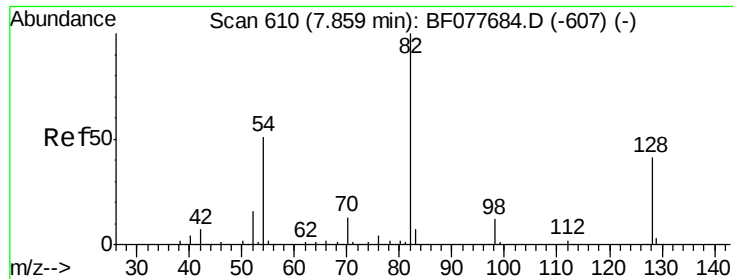
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

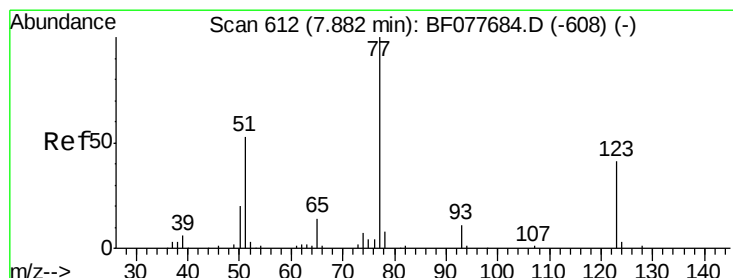
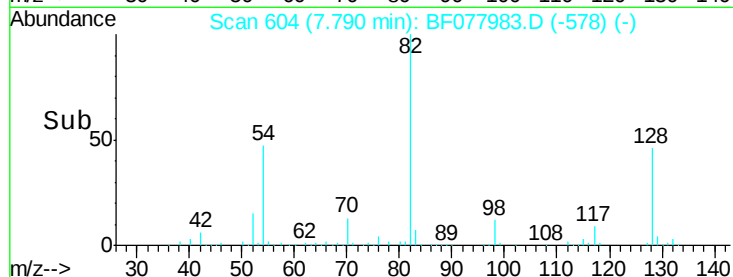
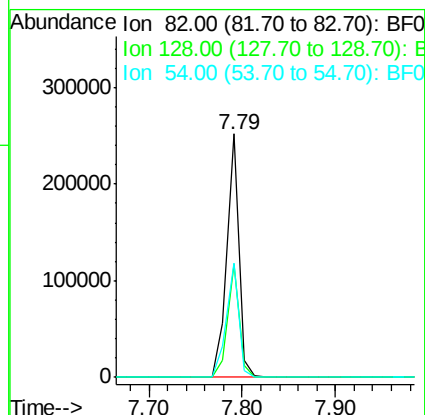
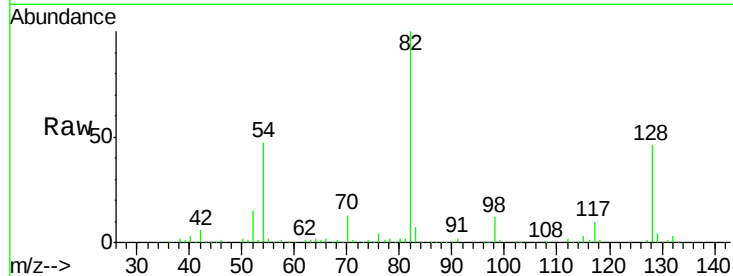




#23
 Nitrobenzene-d5
 Concen: 83.56 ng
 RT: 7.79 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: BF077983.D
 Acq: 26 Mar 2015 7:51

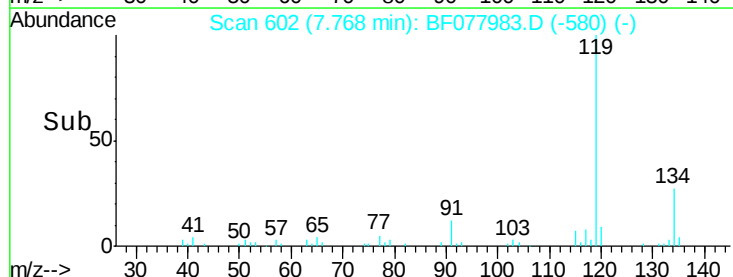
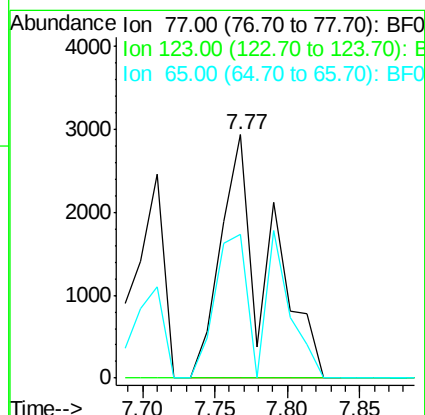
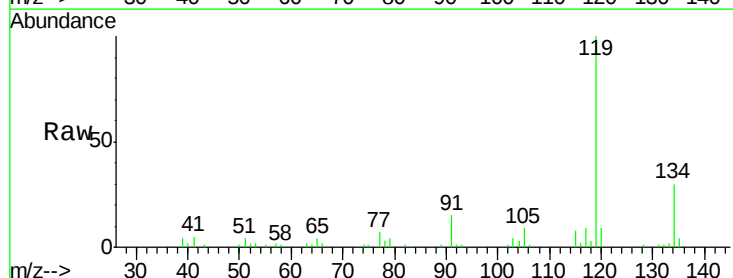
Instrument :
 BNA_F
 ClientSampleId :
 MW-4-3-23-15

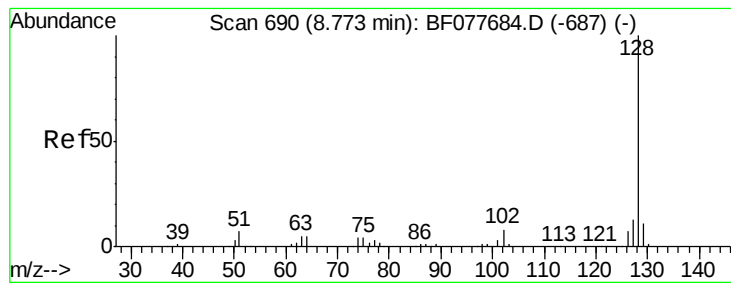
Tgt Ion: 82 Resp: 226225
 Ion Ratio Lower Upper
 82 100
 128 46.2 32.8 49.2
 54 47.2 40.6 60.8



#24
 Nitrobenzene
 Concen: 2.23 ng
 RT: 7.77 min Scan# 602
 Delta R.T. -0.05 min
 Lab File: BF077983.D
 Acq: 26 Mar 2015 7:51

Tgt Ion: 77 Resp: 6509
 Ion Ratio Lower Upper
 77 100
 123 0.0 32.6 49.0#
 65 59.3 10.9 16.3#





#31

Naphthalene

Concen: 8.46 ng

RT: 8.69 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF077983.D

Acq: 26 Mar 2015 7:51

Instrument :

BNA_F

ClientSampleId :

MW-4-3-23-15

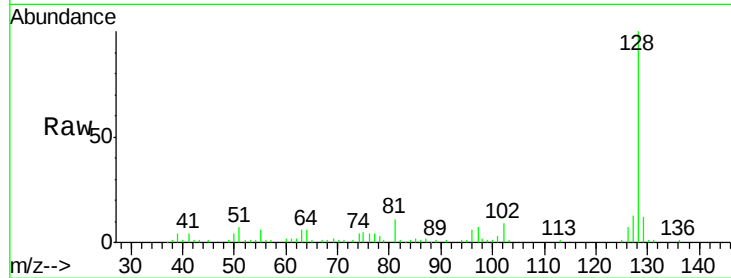
Tgt Ion:128 Resp: 77139

Ion Ratio Lower Upper

128 100

129 11.5 8.9 13.3

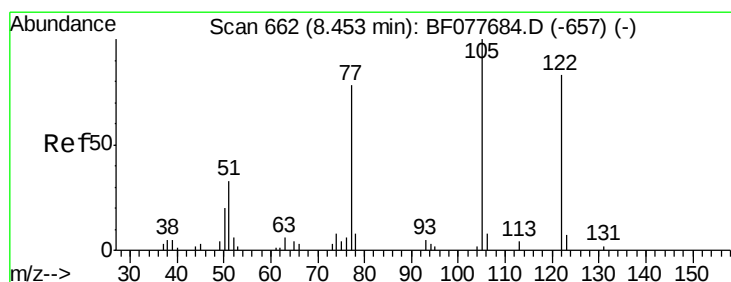
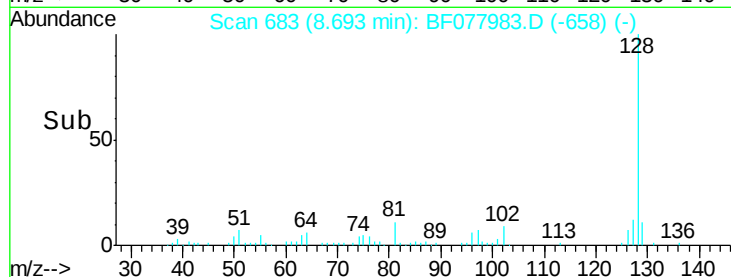
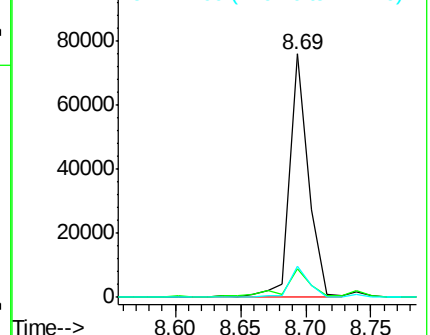
127 12.8 10.4 15.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 3.26 ng

RT: 8.45 min Scan# 662

Delta R.T. 0.05 min

Lab File: BF077983.D

Acq: 26 Mar 2015 7:51

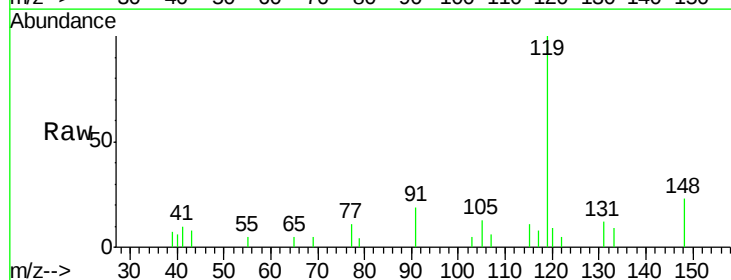
Tgt Ion:122 Resp: 265

Ion Ratio Lower Upper

122 100

105 234.7 99.9 139.9#

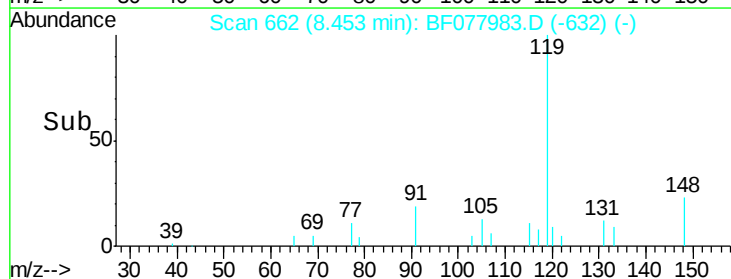
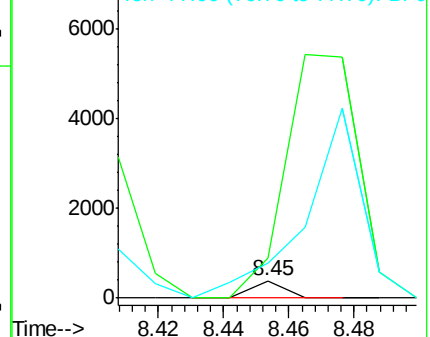
77 202.8 73.7 113.7#

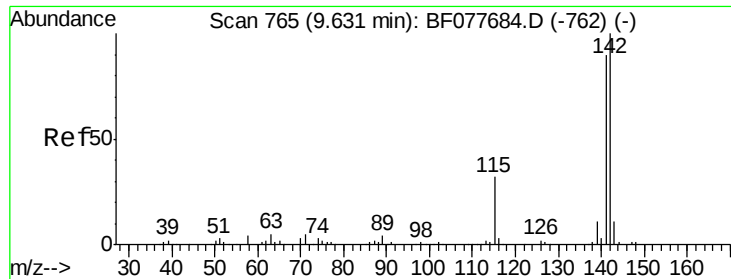


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

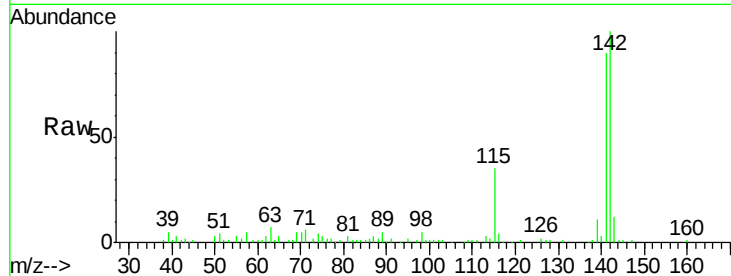




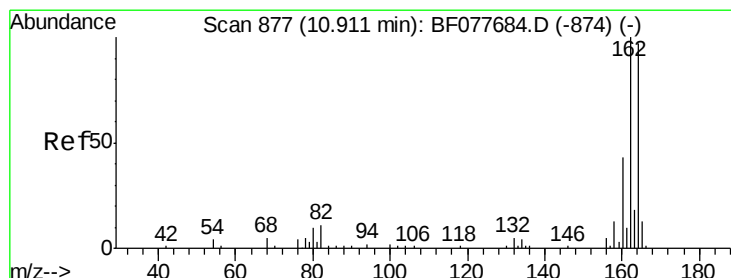
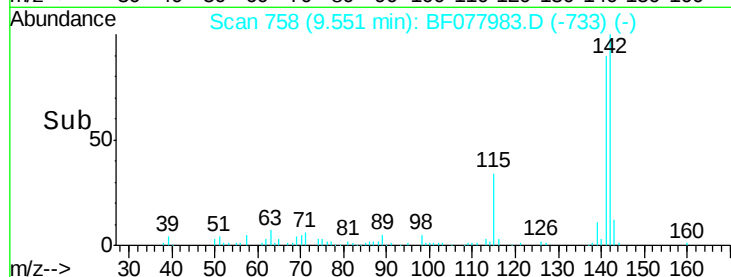
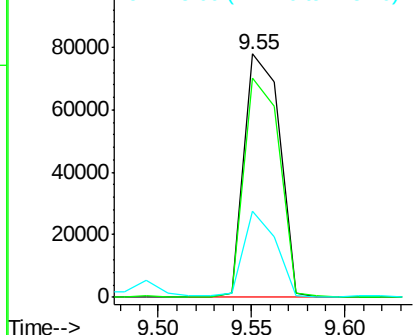
#37
2-Methylnaphthalene
Concen: 16.73 ng
RT: 9.55 min Scan# 758
Delta R.T. -0.01 min
Lab File: BF077983.D
Acq: 26 Mar 2015 7:51

Instrument :
BNA_F
ClientSampleId :
MW-4-3-23-15

Tgt Ion:142 Resp: 102458
Ion Ratio Lower Upper
142 100
141 90.2 71.9 107.9
115 35.2 25.4 38.0

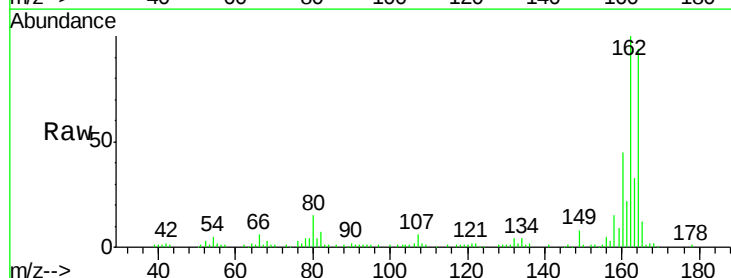


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

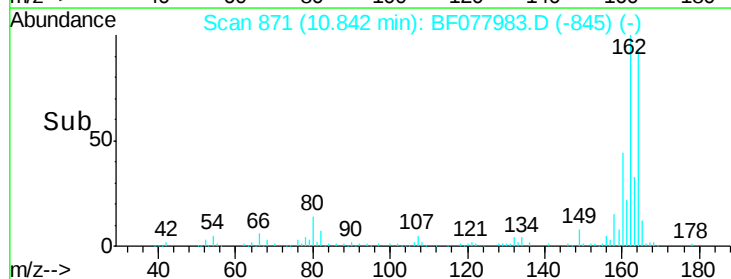
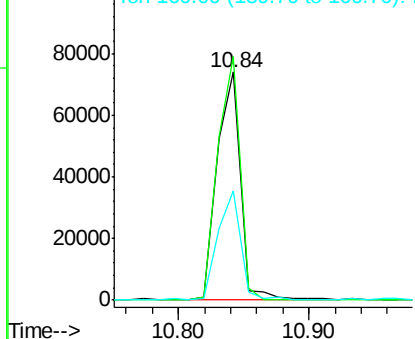


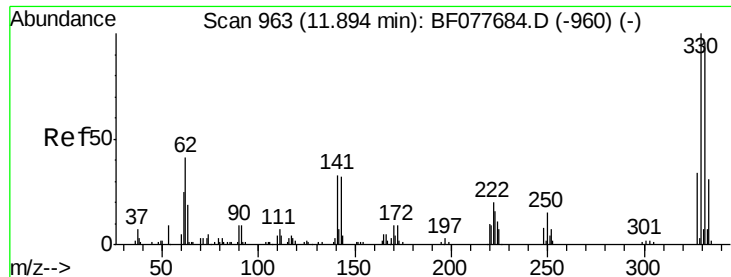
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.84 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF077983.D
Acq: 26 Mar 2015 7:51

Tgt Ion:164 Resp: 92974
Ion Ratio Lower Upper
164 100
162 106.8 82.4 123.6
160 48.0 35.8 53.6



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

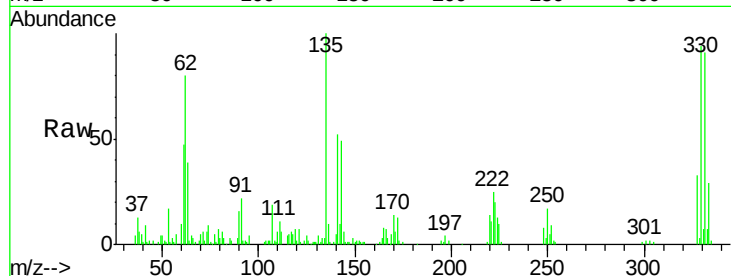




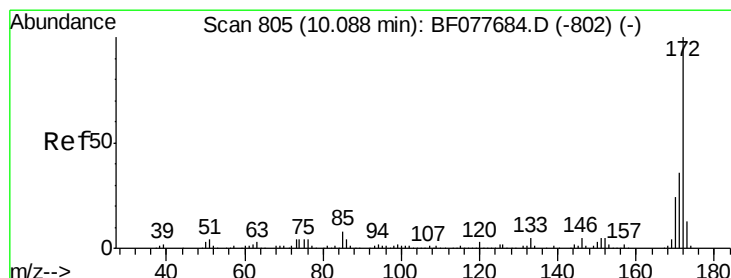
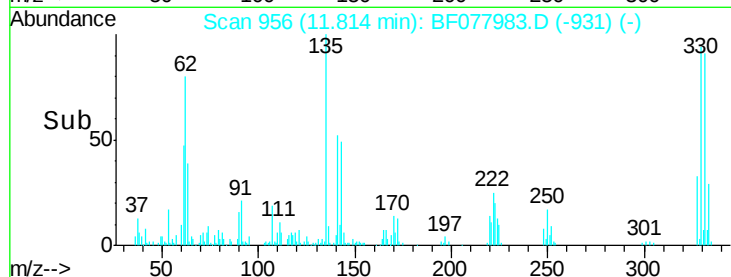
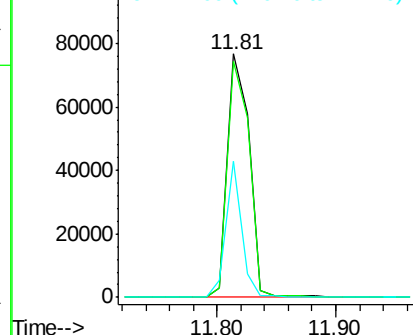
#41
 2,4,6-Tribromophenol
 Concen: 109.15 ng
 RT: 11.81 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: BF077983.D
 Acq: 26 Mar 2015 7:51

Instrument :
 BNA_F
 ClientSampleId :
 MW-4-3-23-15

Tgt Ion:330 Resp: 97096
 Ion Ratio Lower Upper
 330 100
 332 97.5 0.0 0.0#
 141 40.5 0.0 0.0#

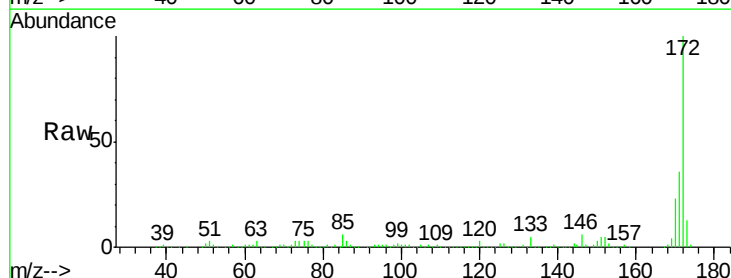


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

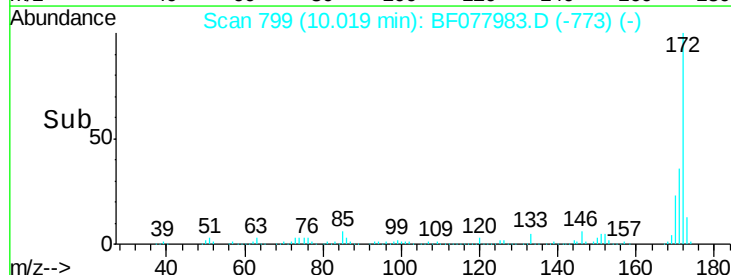
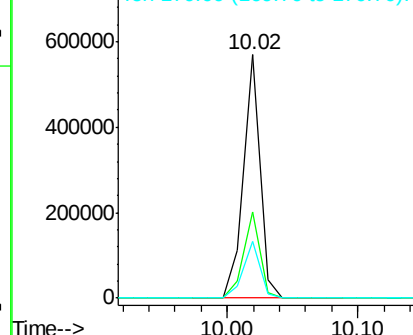


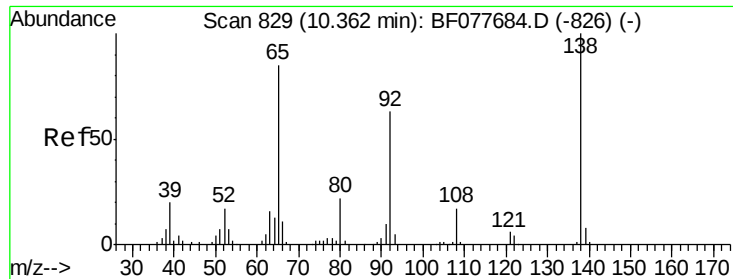
#44
 2-Fluorobiphenyl
 Concen: 79.00 ng
 RT: 10.02 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF077983.D
 Acq: 26 Mar 2015 7:51

Tgt Ion:172 Resp: 499812
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.5 42.7
 170 23.3 18.8 28.2



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

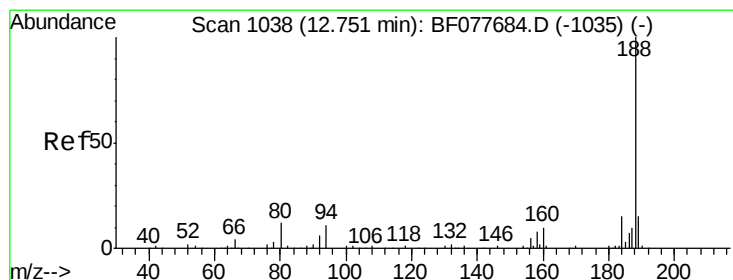
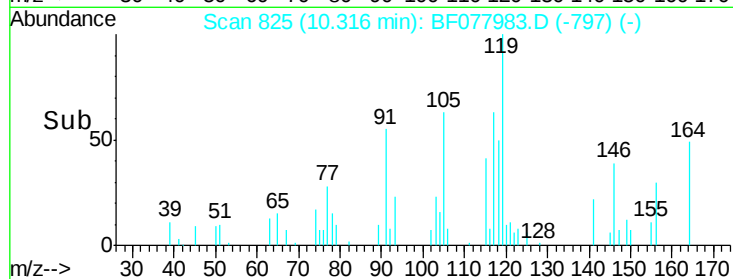
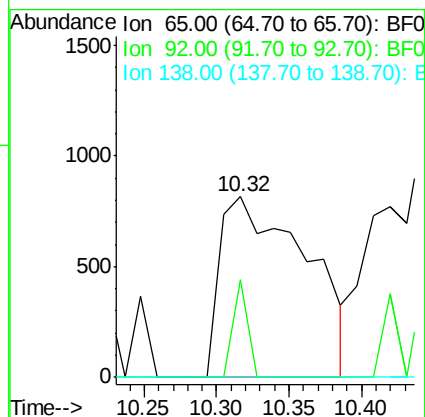
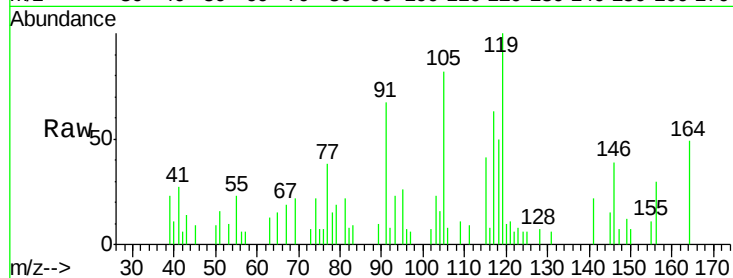




#47
2-Nitroaniline
Concen: 2.25 ng
RT: 10.32 min Scan# 825
Delta R.T. 0.02 min
Lab File: BF077983.D
Acq: 26 Mar 2015 7:51

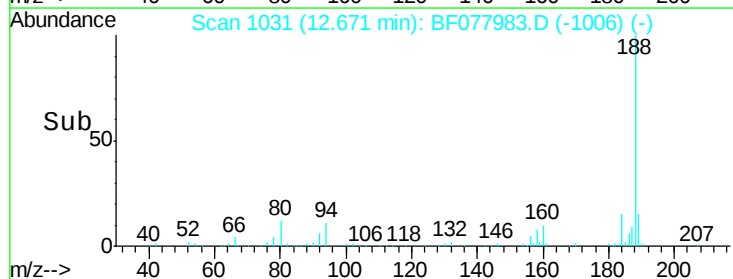
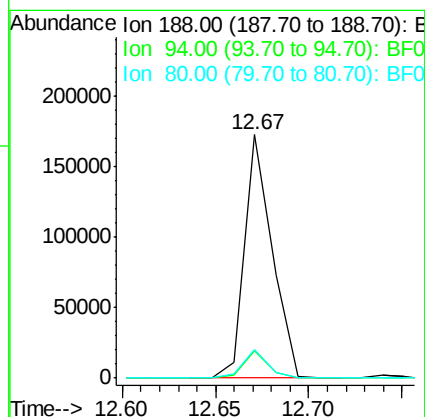
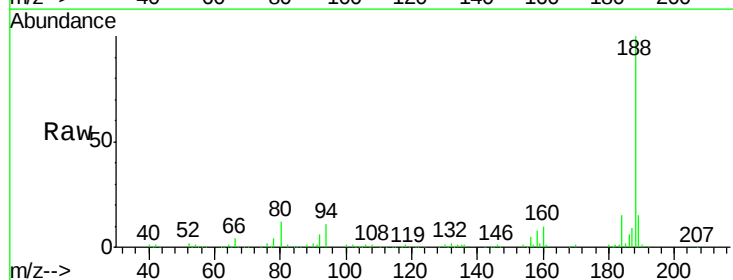
Instrument :
BNA_F
ClientSampleId :
MW-4-3-23-15

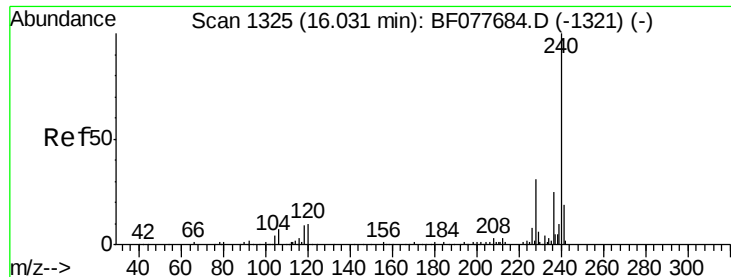
Tgt Ion: 65 Resp: 3371
Ion Ratio Lower Upper
65 100
92 54.2 59.1 88.7#
138 0.0 93.9 140.9#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.67 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF077983.D
Acq: 26 Mar 2015 7:51

Tgt Ion: 188 Resp: 177374
Ion Ratio Lower Upper
188 100
94 11.0 8.7 13.1
80 11.6 9.3 13.9

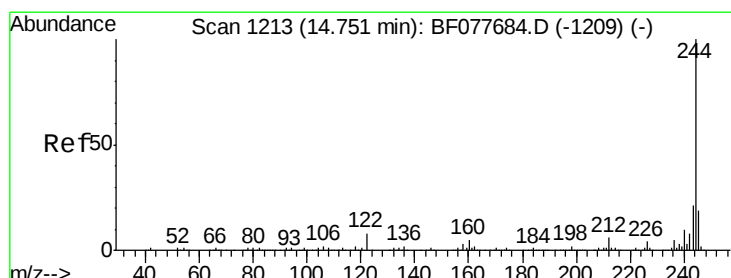
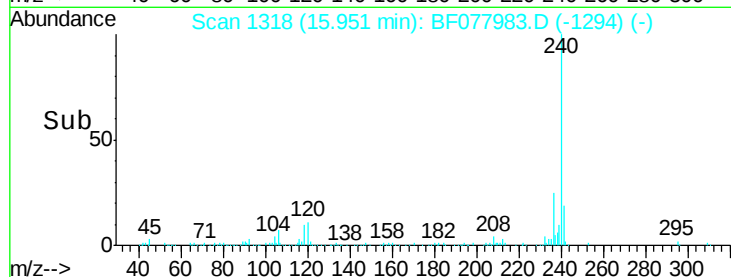
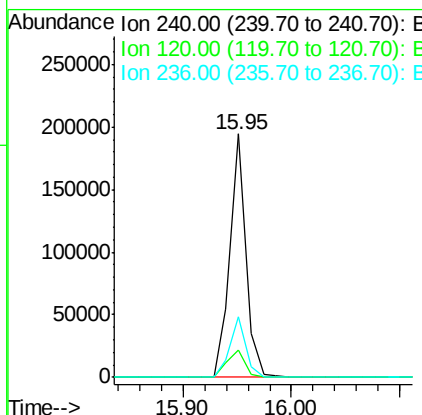
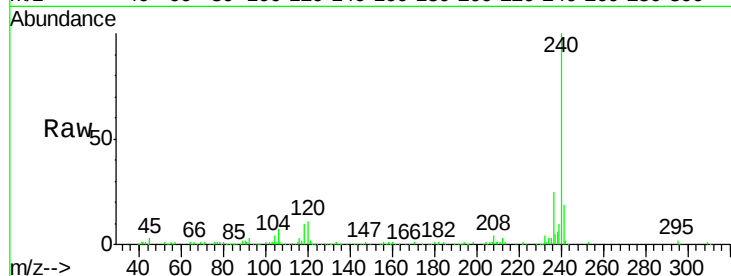




#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.95 min Scan# 1318
Delta R.T. -0.02 min
Lab File: BF077983.D
Acq: 26 Mar 2015 7:51

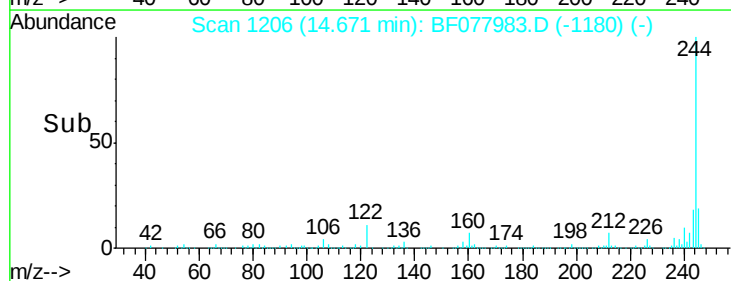
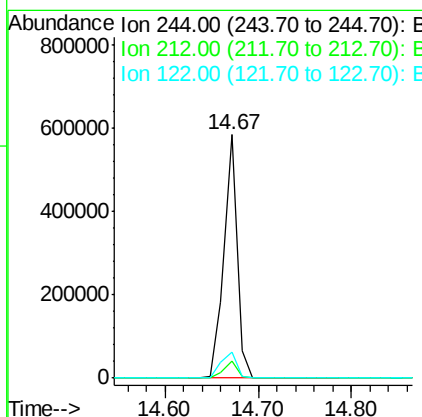
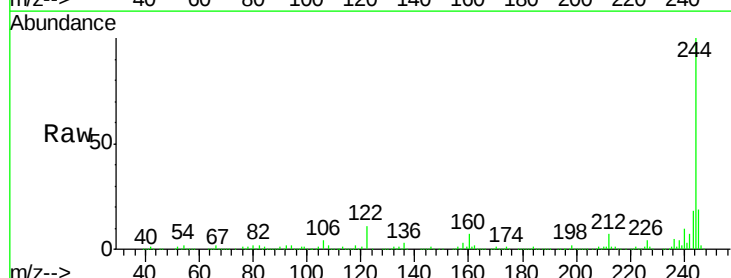
Instrument :
BNA_F
ClientSampleId :
MW-4-3-23-15

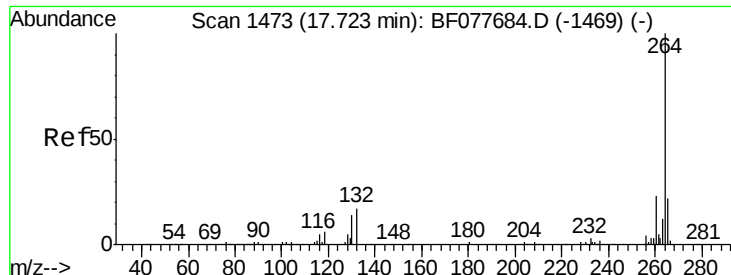
Tgt Ion:240 Resp: 199132
Ion Ratio Lower Upper
240 100
120 11.2 8.2 12.2
236 25.0 20.0 30.0



#78
Terphenyl-d14
Concen: 70.58 ng
RT: 14.67 min Scan# 1206
Delta R.T. 0.00 min
Lab File: BF077983.D
Acq: 26 Mar 2015 7:51

Tgt Ion:244 Resp: 575378
Ion Ratio Lower Upper
244 100
212 6.8 4.9 7.3
122 10.9 6.2 9.4#

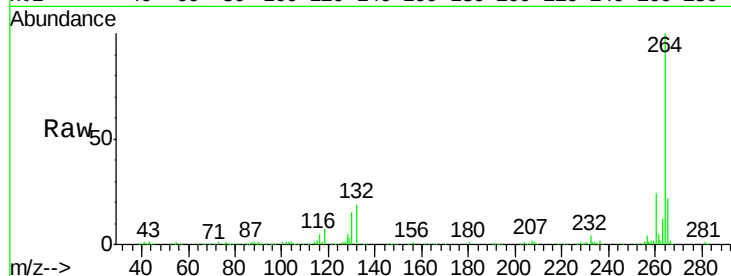




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.68 min Scan# 1469
Delta R.T. -0.07 min
Lab File: BF077983.D
Acq: 26 Mar 2015 7:51

Instrument :
BNA_F
ClientSampleId :
MW-4-3-23-15

Tgt Ion: 264 Resp: 191480
Ion Ratio Lower Upper
264 100
260 23.9 18.6 27.8
265 21.7 17.3 25.9



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

