

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112415\
 Data File : BF083253.D
 Acq On : 24 Nov 2015 23:08
 Operator : UM/IZ
 Sample : G4493-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-CONC-01

Quant Time: Nov 25 00:36:53 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Nov 22 09:22:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	174934	20.00	ng	-0.06
21) Naphthalene-d8	7.90	136	671986	20.00	ng	-0.06
38) Acenaphthene-d10	9.64	164	350910	20.00	ng	-0.06
63) Phenanthrene-d10	11.12	188	673453	20.00	ng	-0.06
75) Chrysene-d12	13.75	240	595555	20.00	ng	-0.06
86) Perylene-d12	15.11	264	384537	20.00	ng	-0.06

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.22	112	1428650	123.47	ng	-0.06
7) Phenol-d6	6.28	99	1856381	124.00	ng	-0.06
23) Nitrobenzene-d5	7.18	82	1326885	90.23	ng	-0.06
41) 2,4,6-Tribromophenol	10.43	330	454811	126.69	ng	-0.06
44) 2-Fluorobiphenyl	8.98	172	2075386	82.47	ng	-0.05
78) Terphenyl-d14	12.71	244	2275507	89.97	ng	-0.06

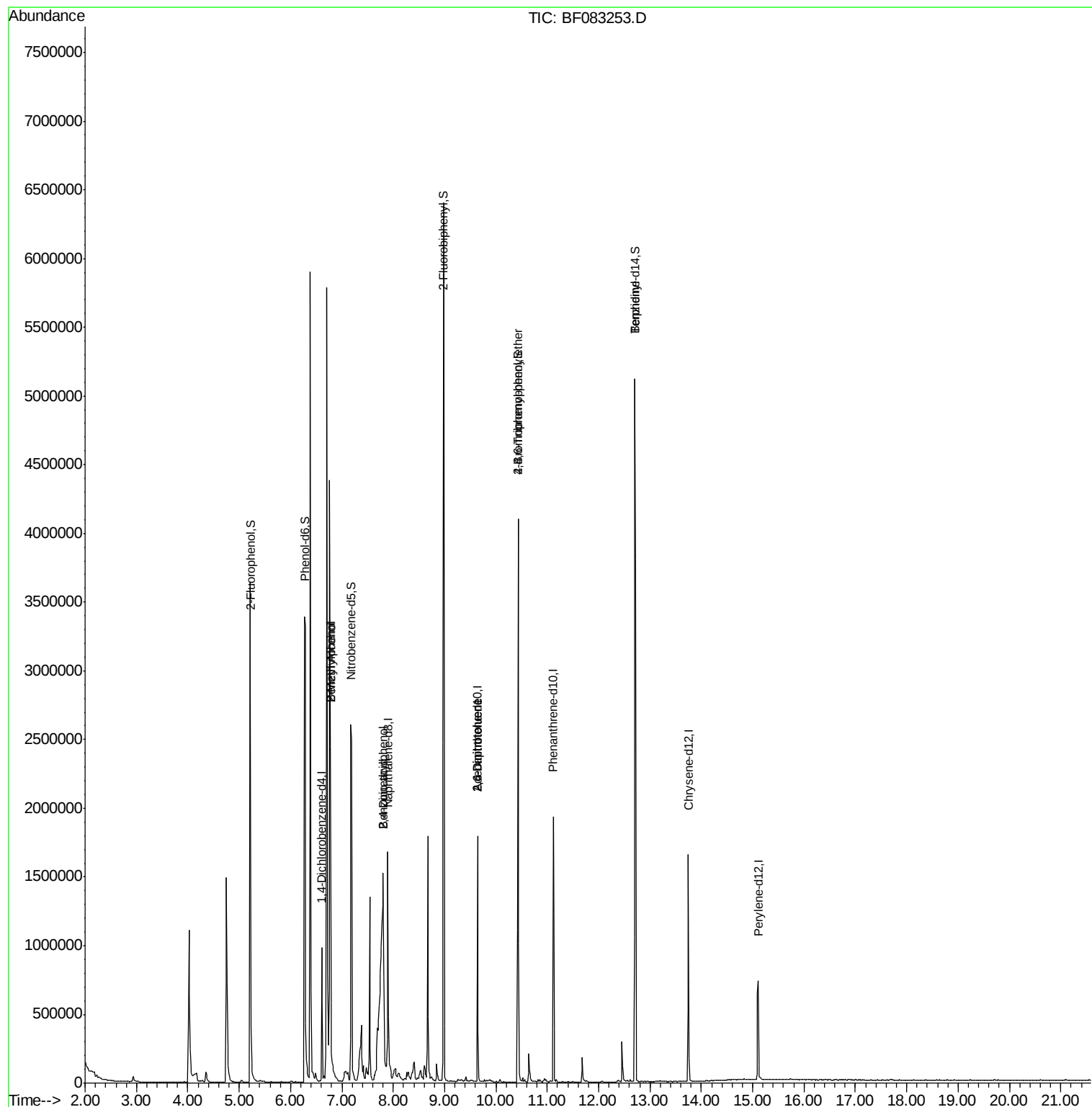
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.18	77	2118	Below Cal		88
15) Benzyl Alcohol	6.78	79	340854	27.25	ng	95
17) 2-Methylphenol	6.78	107	159294	15.40	ng	# 24
27) 2,4-Dimethylphenol	7.80	122	1137637	102.76	ng	# 1
32) Benzoic acid	7.80	122	1166187	135.52	ng	96
50) 2,6-Dinitrotoluene	9.64	165	44861	7.40	ng	# 13
56) 2,4-Dinitrotoluene	9.64	165	44861	5.84	ng	# 10
66) 4-Bromophenyl-phenylether	10.43	248	30748	4.11	ng	# 1
76) Benzidine	12.71	184	31509	2.02	ng	# 94

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

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Quant Time: Nov 25 00:36:53 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 22 09:22:46 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.60 min Scan# 404

Delta R.T. -0.06 min

Lab File: BF083253.D

Acq: 24 Nov 2015 23:08

Instrument :

BNA_F

ClientSampleId :

WC-CONC-01

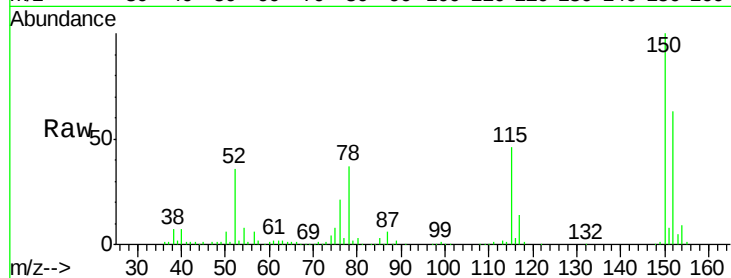
Tgt Ion:152 Resp: 174934

Ion Ratio Lower Upper

152 100

150 158.1 125.8 188.8

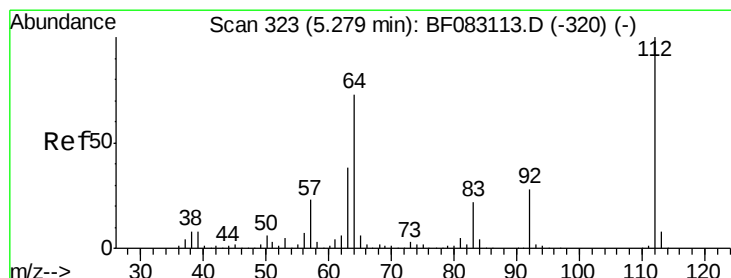
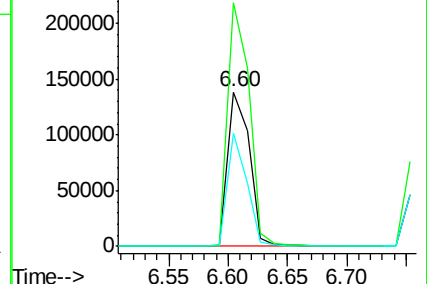
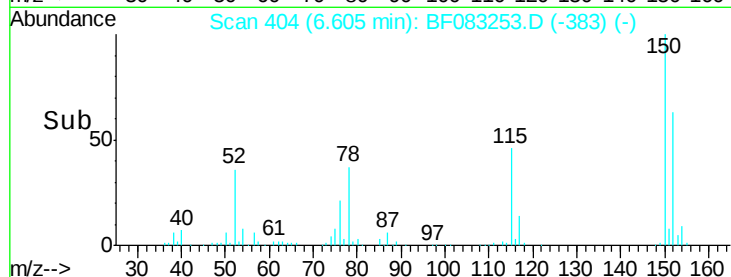
115 73.4 46.9 70.3#



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: 123.47 ng

RT: 5.22 min Scan# 283

Delta R.T. -0.06 min

Lab File: BF083253.D

Acq: 24 Nov 2015 23:08

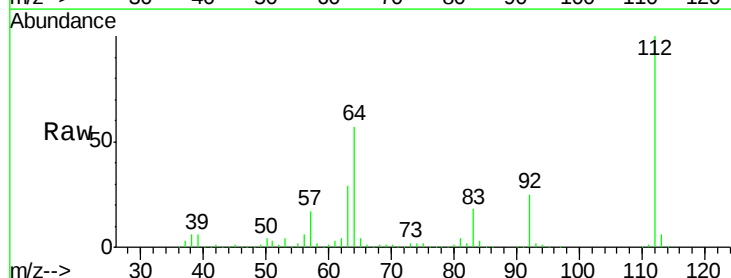
Tgt Ion:112 Resp: 1428650

Ion Ratio Lower Upper

112 100

64 57.0 58.4 87.6#

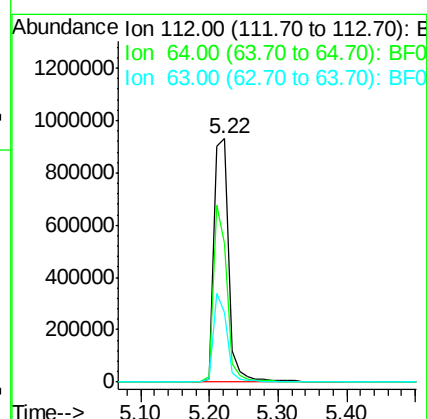
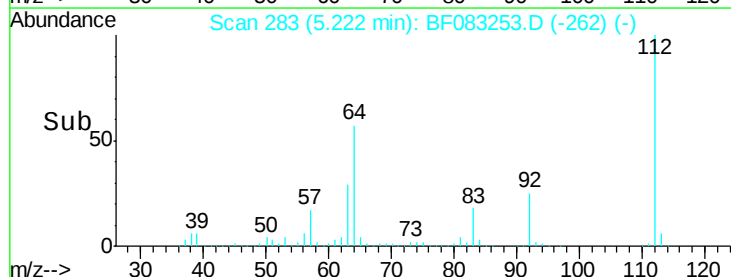
63 28.8 30.0 45.0#

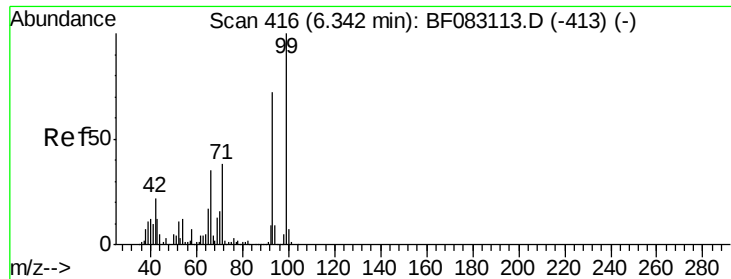


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 124.00 ng

RT: 6.28 min Scan# 376

Delta R.T. -0.06 min

Lab File: BF083253.D

Acq: 24 Nov 2015 23:08

Instrument :

BNA_F

ClientSampleId :

WC-CONC-01

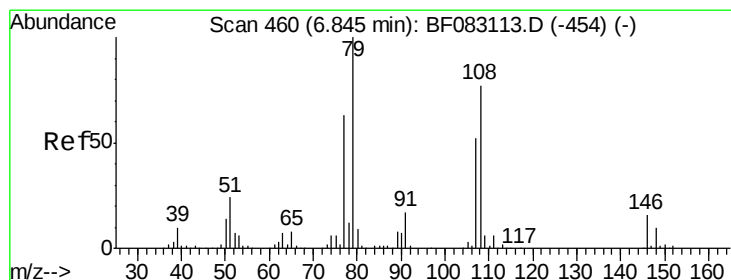
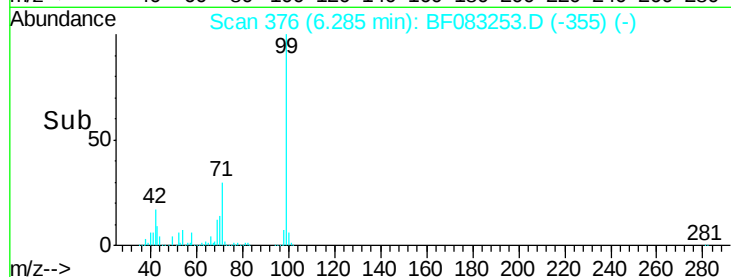
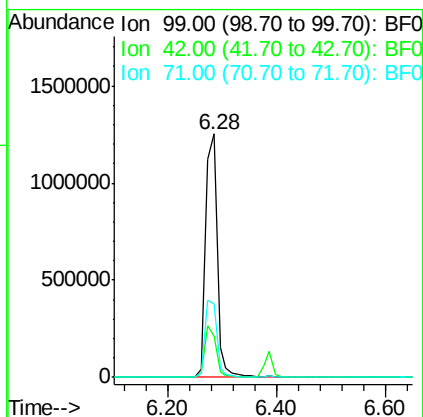
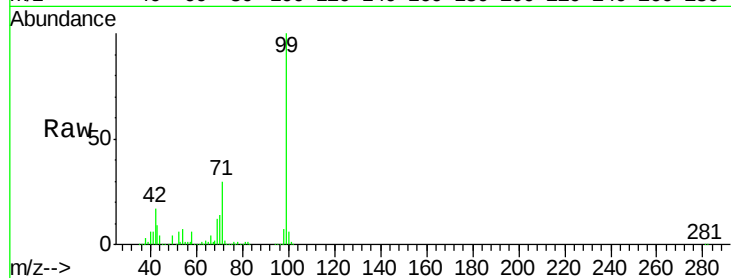
Tgt Ion: 99 Resp: 1856381

Ion Ratio Lower Upper

99 100

42 16.8 17.7 26.5#

71 29.9 30.2 45.4#



#15

Benzyl Alcohol

Concen: 27.25 ng

RT: 6.78 min Scan# 419

Delta R.T. -0.07 min

Lab File: BF083253.D

Acq: 24 Nov 2015 23:08

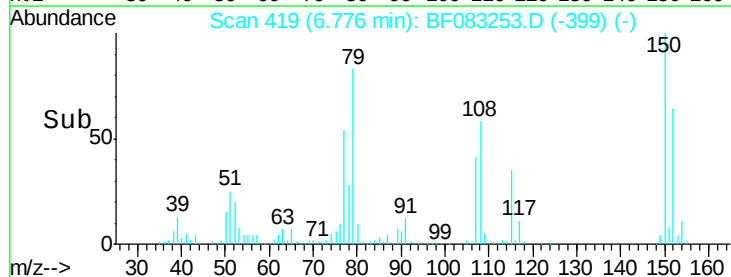
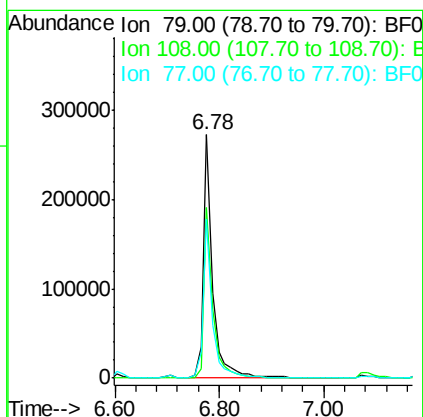
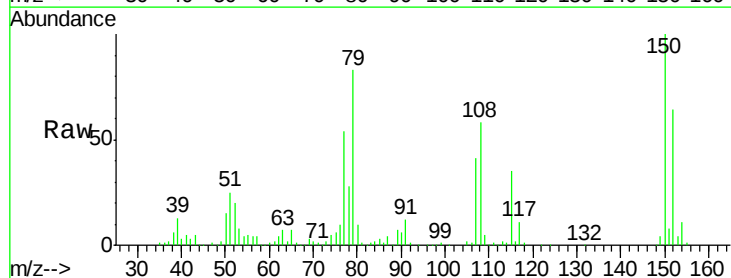
Tgt Ion: 79 Resp: 340854

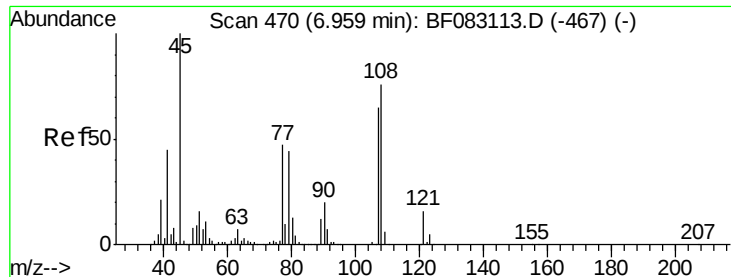
Ion Ratio Lower Upper

79 100

108 70.3 61.4 92.2

77 65.4 50.5 75.7

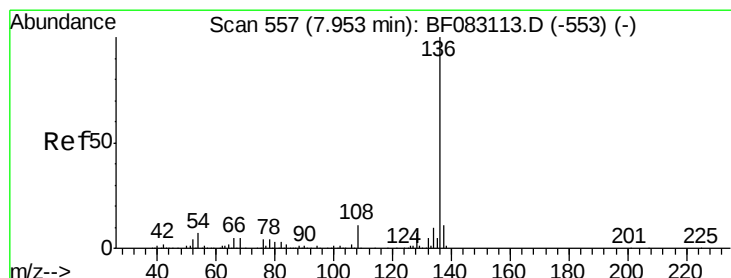
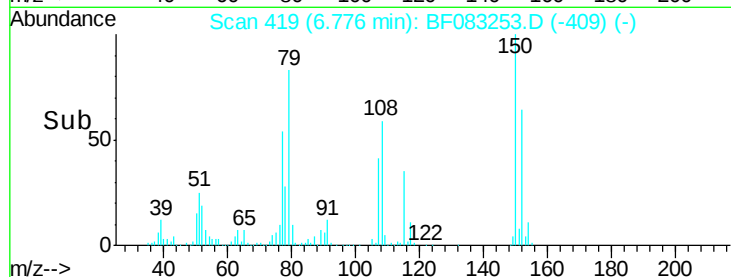
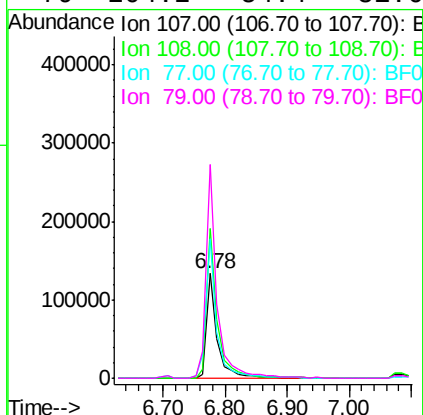
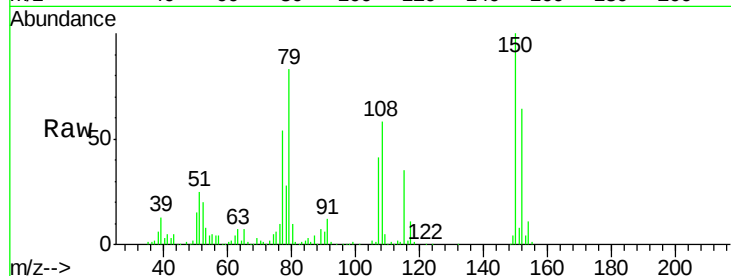




#17
2-Methylphenol
Concen: 15.40 ng
RT: 6.78 min Scan# 419
Delta R.T. -0.18 min
Lab File: BF083253.D
Acq: 24 Nov 2015 23:08

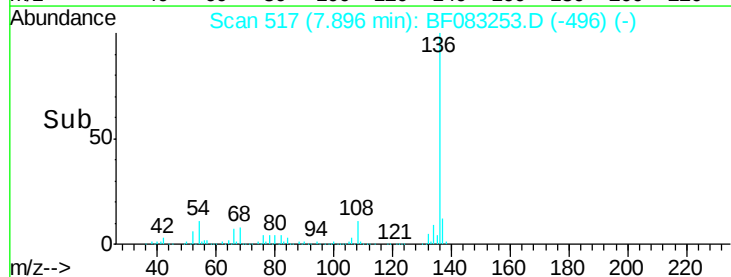
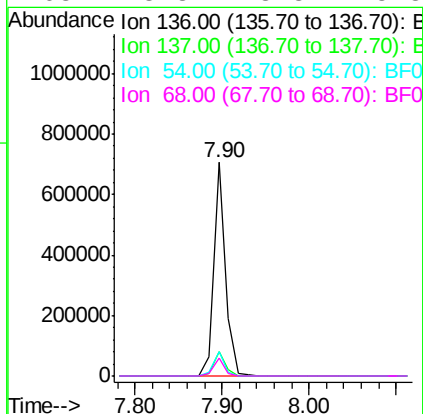
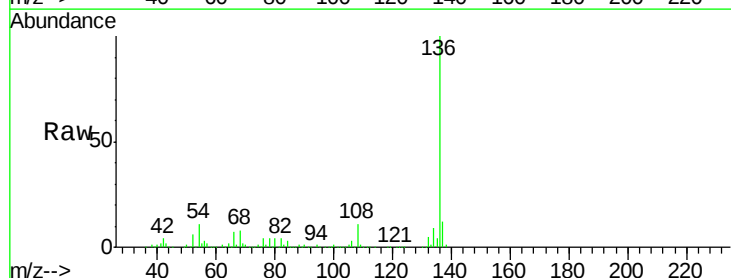
Instrument :
BNA_F
ClientSampleId :
WC-CONC-01

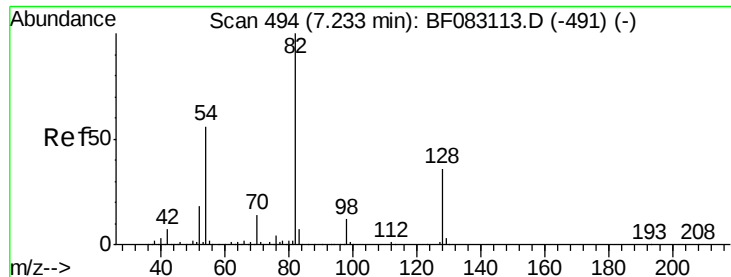
Tgt Ion	Ratio	Lower	Upper
107	100		
108	143.5	93.8	140.6#
77	133.5	57.4	86.0#
79	204.2	54.4	81.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 517
Delta R.T. -0.06 min
Lab File: BF083253.D
Acq: 24 Nov 2015 23:08

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.7	13.1
54	11.5	5.8	8.6#
68	8.3	3.8	5.8#

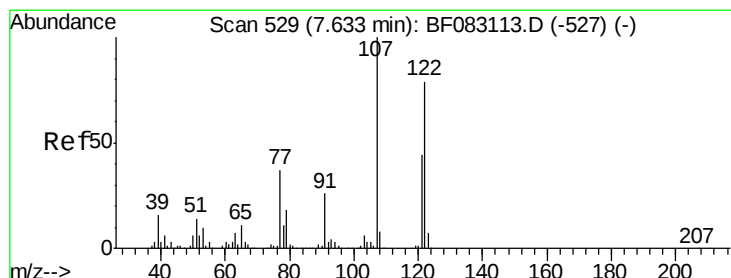
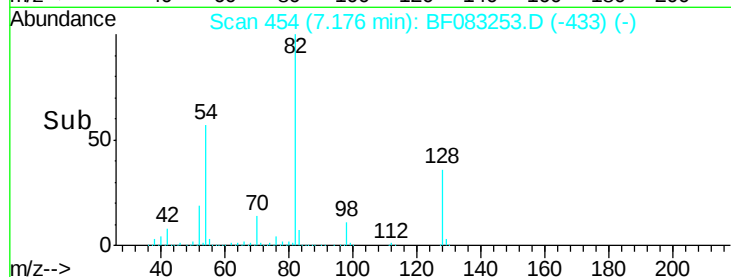
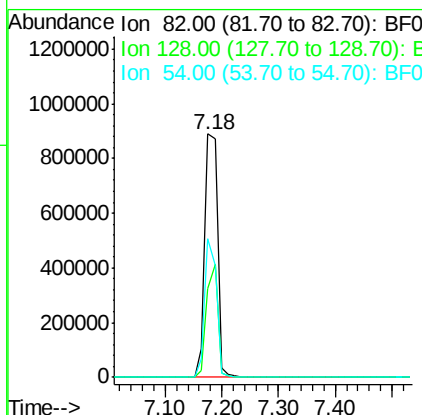
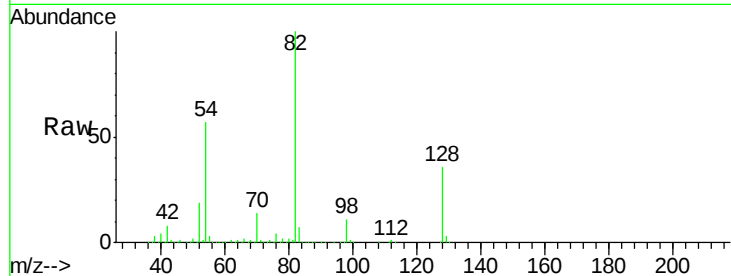




#23
 Nitrobenzene-d5
 Concen: 90.23 ng
 RT: 7.18 min Scan# 454
 Delta R.T. -0.06 min
 Lab File: BF083253.D
 Acq: 24 Nov 2015 23:08

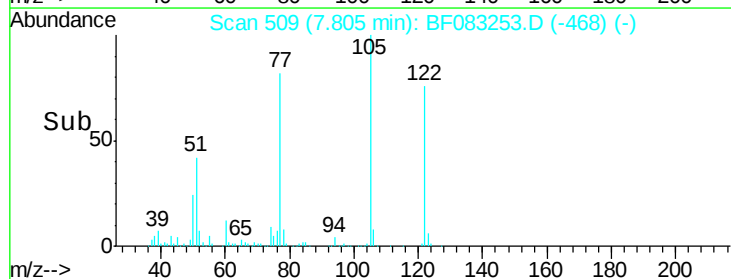
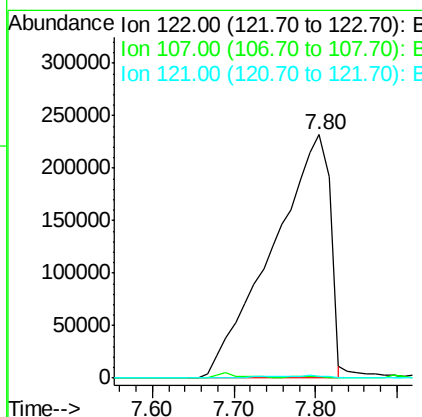
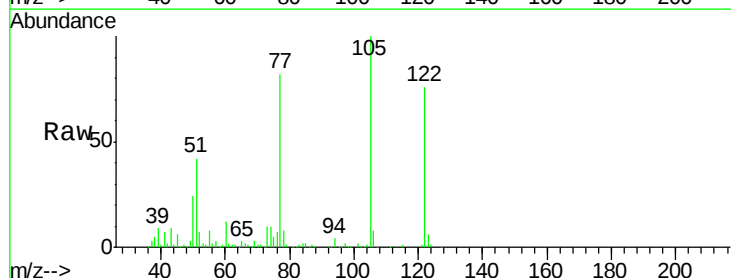
Instrument :
 BNA_F
 ClientSampleId :
 WC-CONC-01

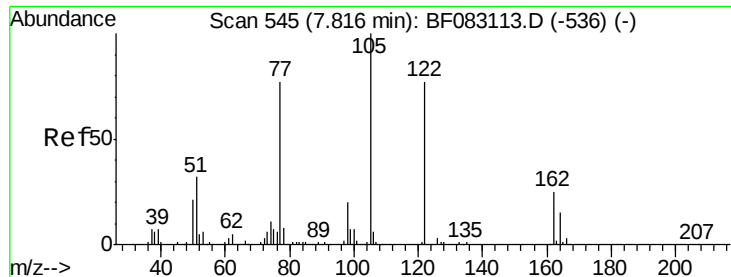
Tgt Ion: 82 Resp: 1326885
 Ion Ratio Lower Upper
 82 100
 128 36.3 28.5 42.7
 54 57.1 44.6 67.0



#27
 2,4-Dimethylphenol
 Concen: 102.76 ng
 RT: 7.80 min Scan# 509
 Delta R.T. 0.17 min
 Lab File: BF083253.D
 Acq: 24 Nov 2015 23:08

Tgt Ion: 122 Resp: 1137637
 Ion Ratio Lower Upper
 122 100
 107 0.7 101.1 151.7#
 121 0.9 44.9 67.3#

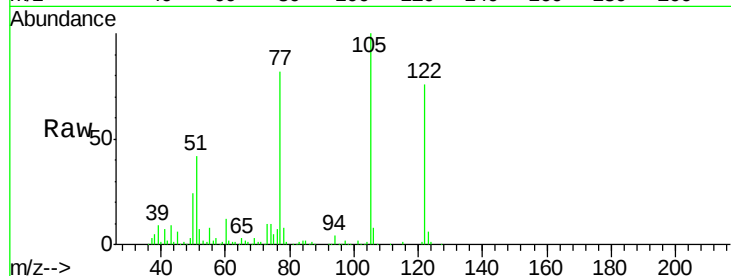




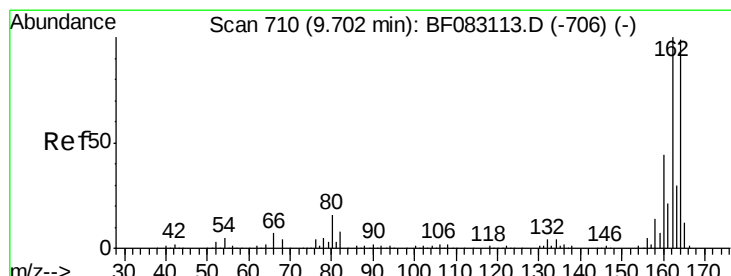
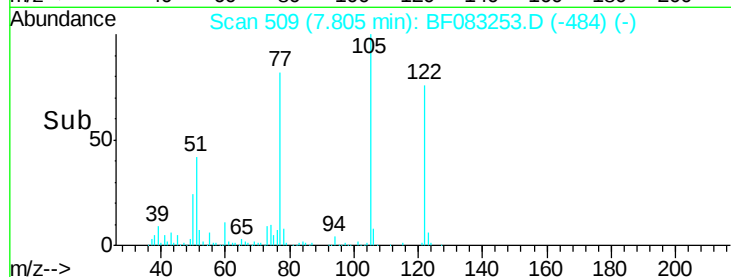
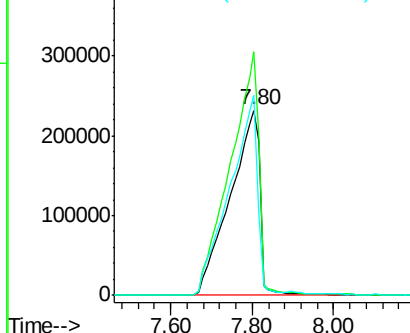
#32
Benzoic acid
Concen: 135.52 ng
RT: 7.80 min Scan# 509
Delta R.T. -0.01 min
Lab File: BF083253.D
Acq: 24 Nov 2015 23:08

Instrument :
BNA_F
ClientSampleId :
WC-CONC-01

Tgt Ion:122 Resp: 1166187
Ion Ratio Lower Upper
122 100
105 131.5 109.7 149.7
77 107.7 79.7 119.7

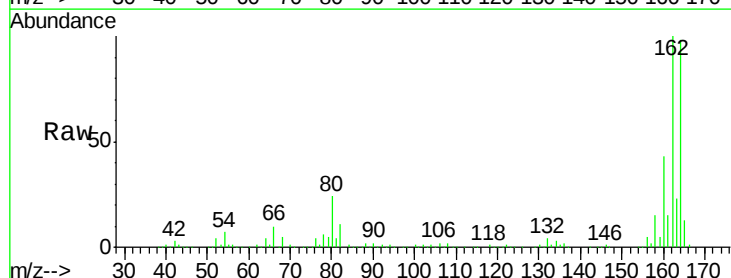


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

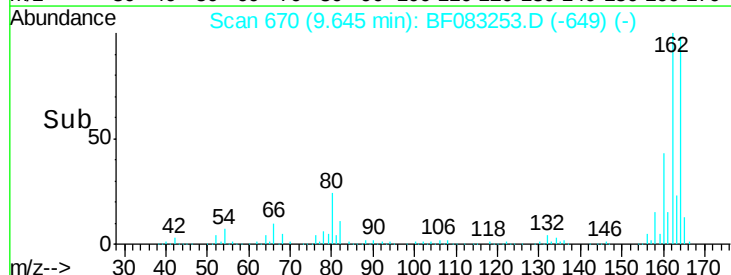
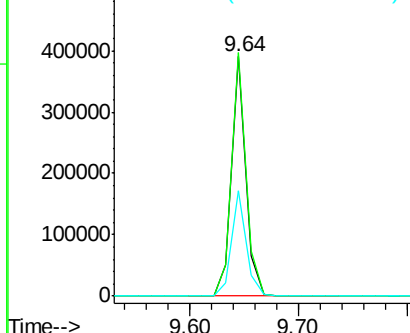


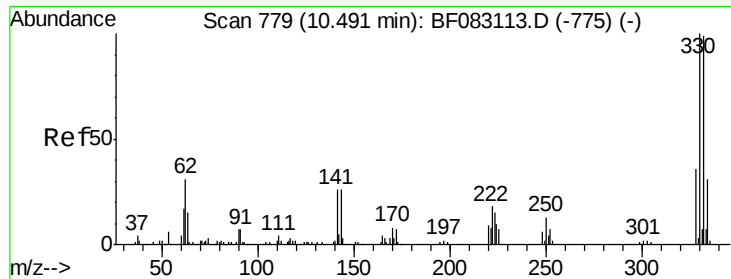
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.64 min Scan# 670
Delta R.T. -0.06 min
Lab File: BF083253.D
Acq: 24 Nov 2015 23:08

Tgt Ion:164 Resp: 350910
Ion Ratio Lower Upper
164 100
162 101.8 81.2 121.8
160 43.8 35.6 53.4



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

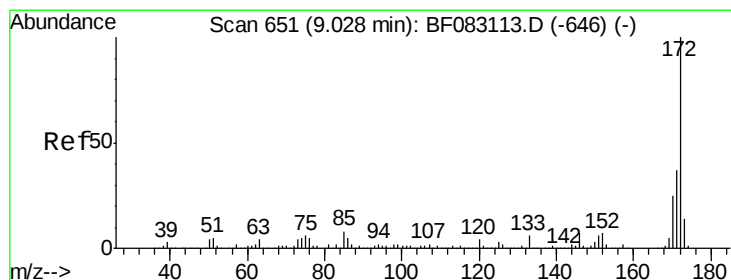
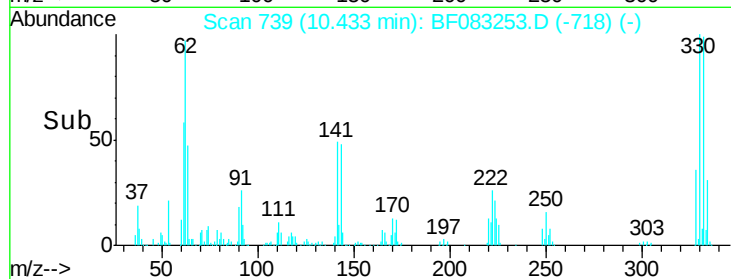
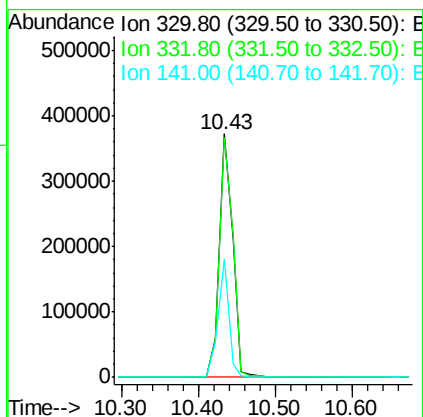
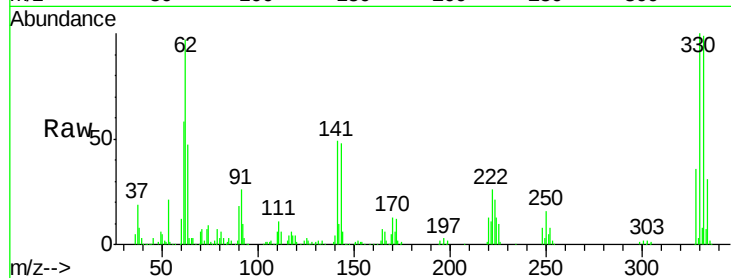




#41
 2,4,6-Tribromophenol
 Concen: 126.69 ng
 RT: 10.43 min Scan# 739
 Delta R.T. -0.06 min
 Lab File: BF083253.D
 Acq: 24 Nov 2015 23:08

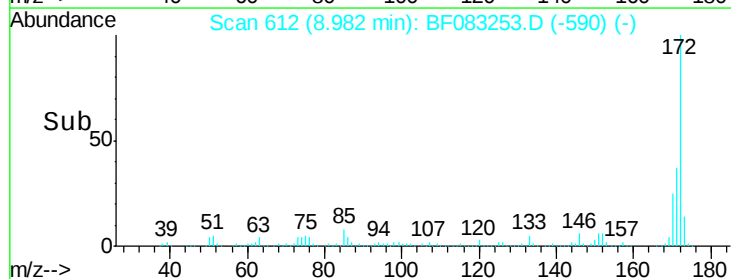
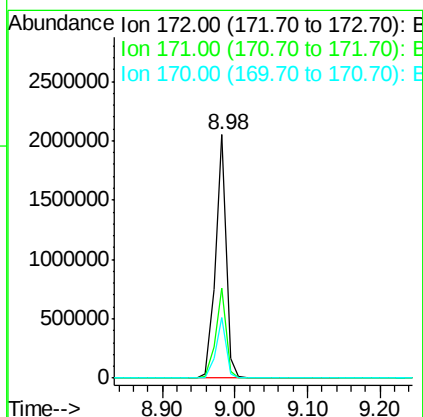
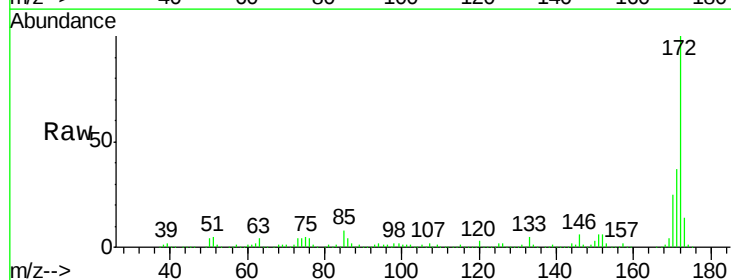
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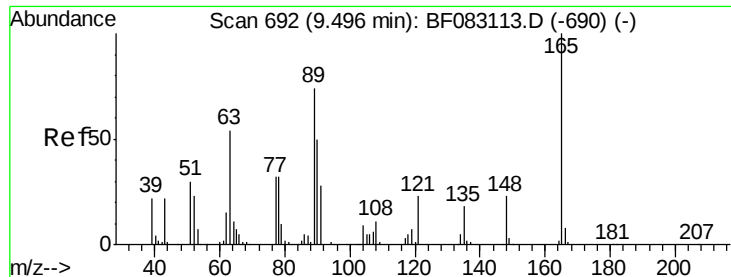
Tgt Ion:330 Resp: 454811
 Ion Ratio Lower Upper
 330 100
 332 99.7 77.7 116.5
 141 39.6 29.7 44.5



#44
 2-Fluorobiphenyl
 Concen: 82.47 ng
 RT: 8.98 min Scan# 612
 Delta R.T. -0.05 min
 Lab File: BF083253.D
 Acq: 24 Nov 2015 23:08

Tgt Ion:172 Resp: 2075386
 Ion Ratio Lower Upper
 172 100
 171 37.1 29.5 44.3
 170 24.8 19.9 29.9

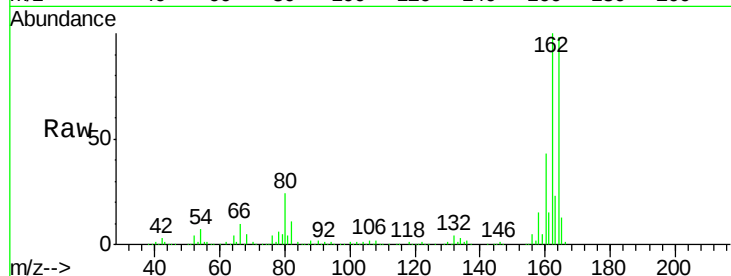




#50
 2,6-Dinitrotoluene
 Concen: 7.40 ng
 RT: 9.64 min Scan# 670
 Delta R.T. 0.15 min
 Lab File: BF083253.D
 Acq: 24 Nov 2015 23:08

Instrument :
 BNA_F
 ClientSampleId :
 WC-CONC-01

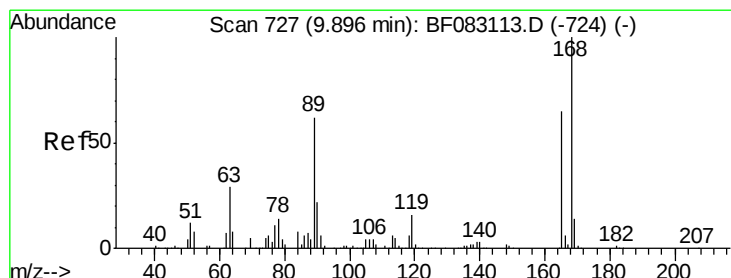
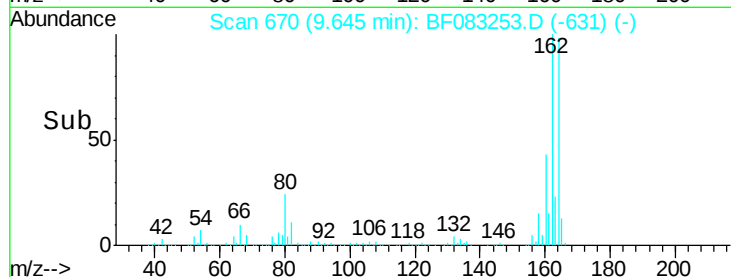
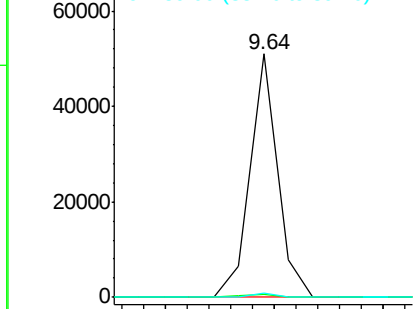
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	62.5	93.7#
89	1.5	59.1	88.7#



Abundance Ion 165.00 (164.70 to 165.70): E

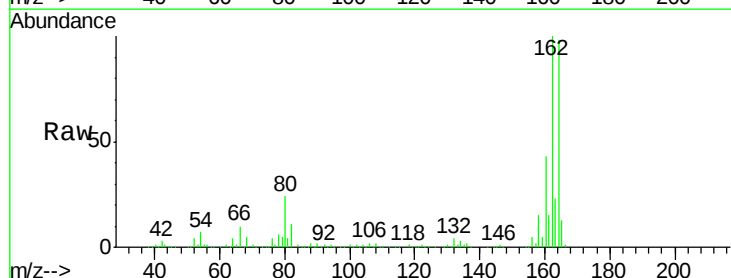
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56
 2,4-Dinitrotoluene
 Concen: 5.84 ng
 RT: 9.64 min Scan# 670
 Delta R.T. -0.25 min
 Lab File: BF083253.D
 Acq: 24 Nov 2015 23:08

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	54.5	81.7#
89	1.5	77.3	115.9#
182	0.0	1.8	2.6#

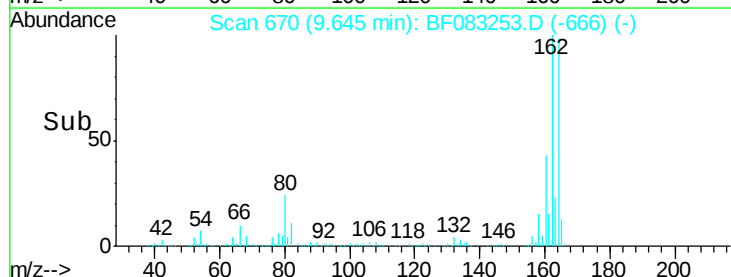
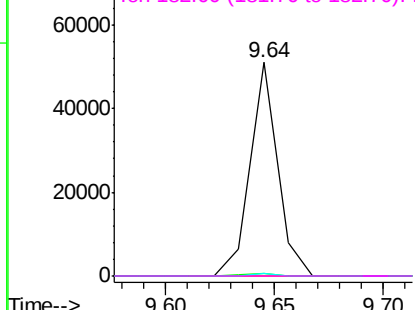


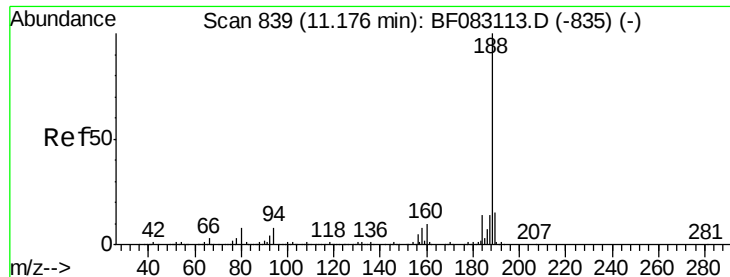
Abundance Ion 165.00 (164.70 to 165.70): E

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

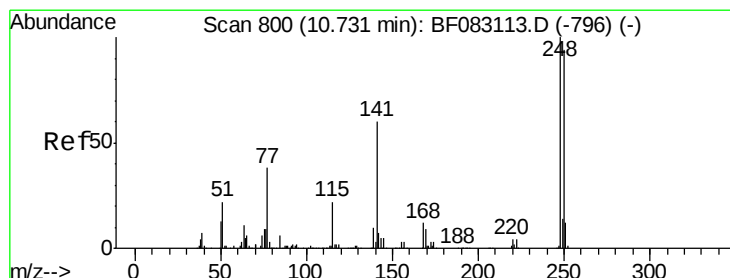
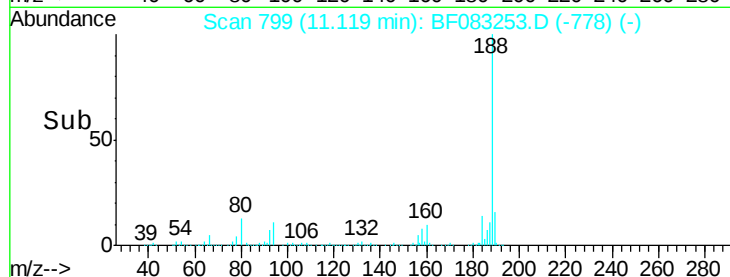
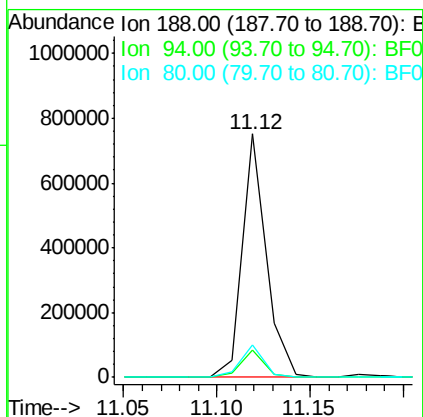
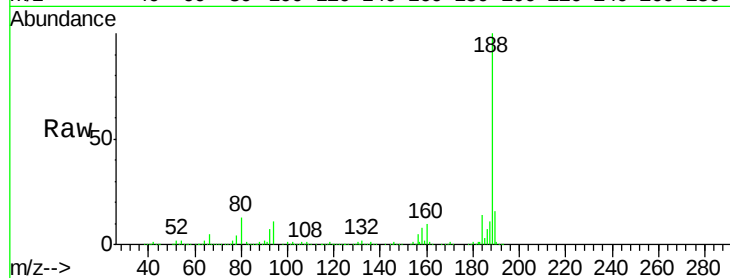




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.12 min Scan# 799
Delta R.T. -0.06 min
Lab File: BF083253.D
Acq: 24 Nov 2015 23:08

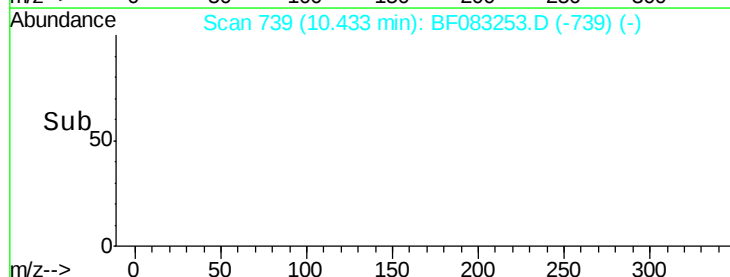
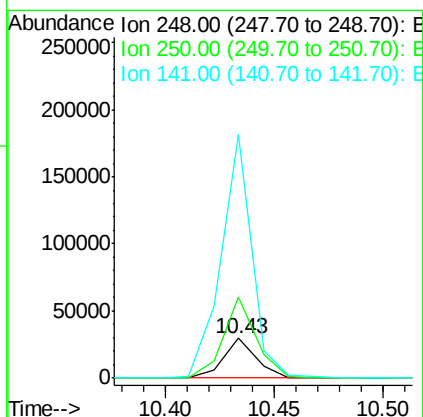
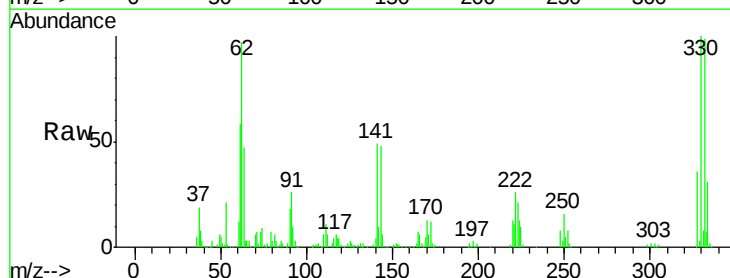
Instrument :
BNA_F
ClientSampleId :
WC-CONC-01

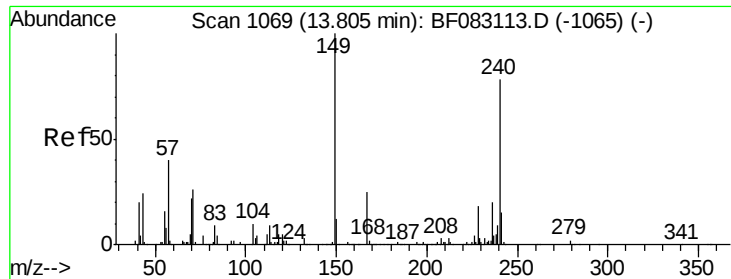
Tgt Ion:188 Resp: 673453
Ion Ratio Lower Upper
188 100
94 11.1 6.0 9.0#
80 13.4 6.7 10.1#



#66
4-Bromophenyl-phenylether
Concen: 4.11 ng
RT: 10.43 min Scan# 739
Delta R.T. -0.30 min
Lab File: BF083253.D
Acq: 24 Nov 2015 23:08

Tgt Ion:248 Resp: 30748
Ion Ratio Lower Upper
248 100
250 203.2 75.4 113.2#
141 609.6 48.1 72.1#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.75 min Scan# 1029

Delta R.T. -0.06 min

Lab File: BF083253.D

Acq: 24 Nov 2015 23:08

Instrument :

BNA_F

ClientSampleId :

WC-CONC-01

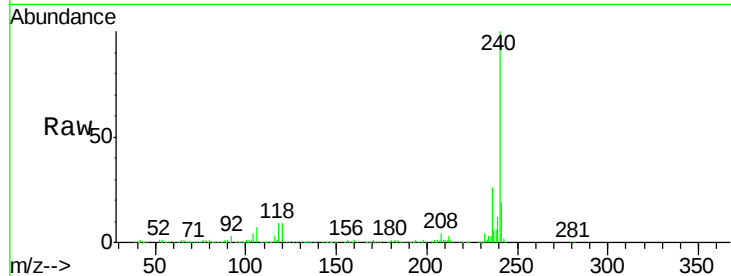
Tgt Ion:240 Resp: 595555

Ion Ratio Lower Upper

240 100

120 9.1 5.4 8.2#

236 26.1 20.6 31.0



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

800000

600000

400000

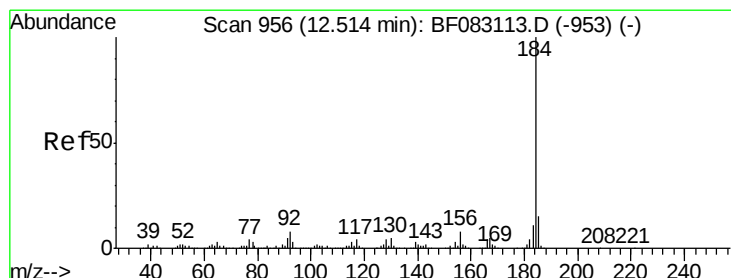
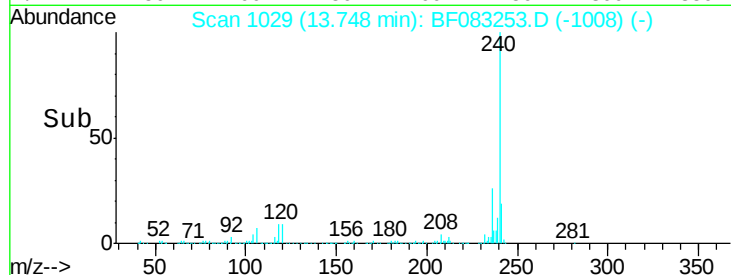
200000

0

13.75

13.70 13.80 13.90

Time-->



#76

Benzidine

Concen: 2.02 ng

RT: 12.71 min Scan# 938

Delta R.T. 0.19 min

Lab File: BF083253.D

Acq: 24 Nov 2015 23:08

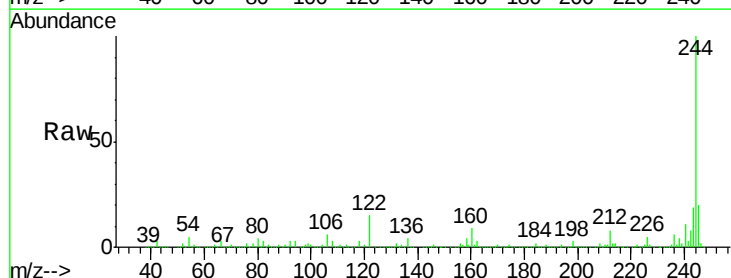
Tgt Ion:184 Resp: 31509

Ion Ratio Lower Upper

184 100

185 17.6 11.7 17.5#

183 12.6 8.8 13.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

30000

20000

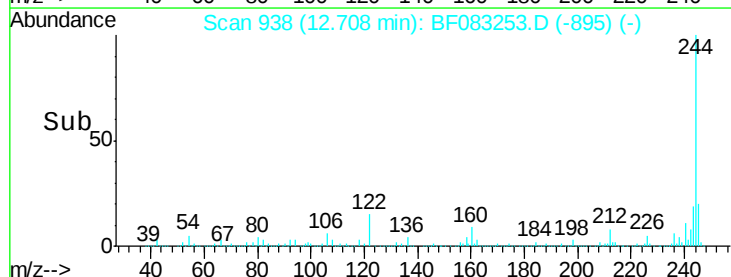
10000

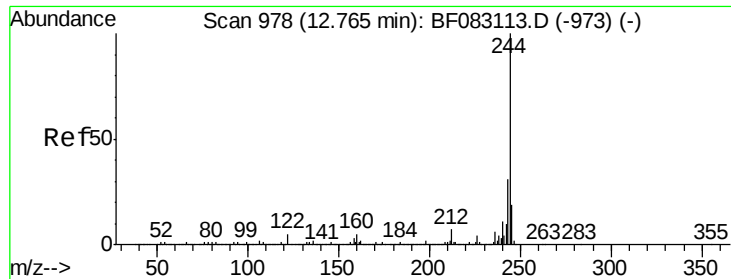
0

12.71

12.70

Time-->

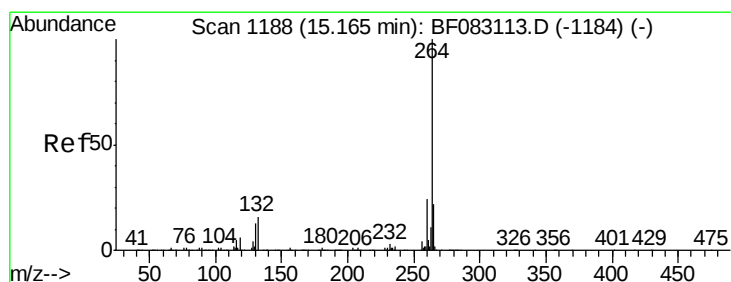
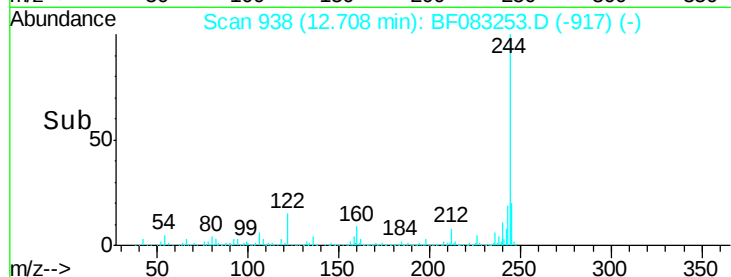
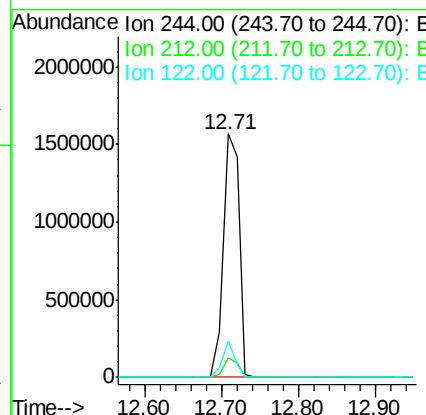
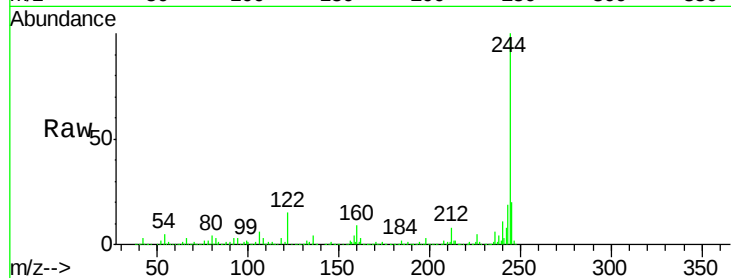




#78
 Terphenyl-d14
 Concen: 89.97 ng
 RT: 12.71 min Scan# 938
 Delta R.T. -0.06 min
 Lab File: BF083253.D
 Acq: 24 Nov 2015 23:08

Instrument :
 BNA_F
 ClientSampleId :
 WC-CONC-01

Tgt Ion:244 Resp: 2275507
 Ion Ratio Lower Upper
 244 100
 212 8.1 5.4 8.2
 122 15.0 4.3 6.5#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.11 min Scan# 1148
 Delta R.T. -0.06 min
 Lab File: BF083253.D
 Acq: 24 Nov 2015 23:08

Tgt Ion:264 Resp: 384537
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.1 28.7
 265 21.0 18.2 27.4

