

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090915\
 Data File : BF081561.D
 Acq On : 9 Sep 2015 19:41
 Operator : UM/IZ
 Sample : G3575-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFFWW

Quant Time: Sep 10 04:45:39 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 10 04:43:26 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.34	152	45658	20.00	ng	0.01
21) Naphthalene-d8	7.64	136	165068	20.00	ng	0.02
38) Acenaphthene-d10	9.37	164	67751	20.00	ng	0.00
63) Phenanthrene-d10	10.83	188	118161	20.00	ng	0.00
75) Chrysene-d12	13.44	240	83980	20.00	ng	0.00
86) Perylene-d12	14.74	264	72381	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	4.91	112	8074	2.74	ng	0.05
7) Phenol-d6	6.08	99	29713	7.63	ng	0.07
23) Nitrobenzene-d5	6.97	82	330025	96.46	ng	0.05
41) 2,4,6-Tribromophenol	10.17	330	52351	86.78	ng	0.01
44) 2-Fluorobiphenyl	8.72	172	632417	119.62	ng	0.01
78) Terphenyl-d14	12.42	244	386804	107.22	ng	0.01

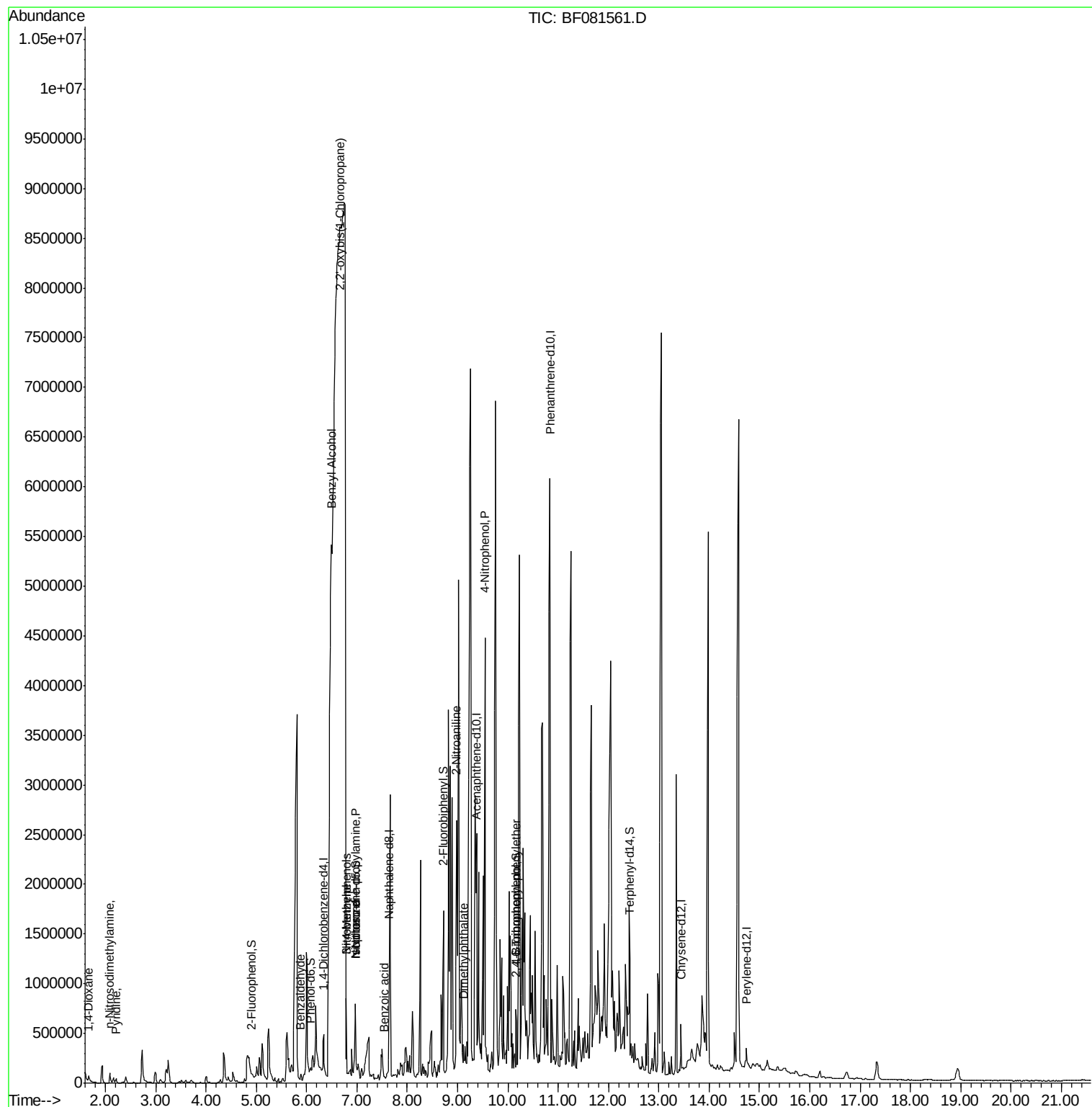
Target Compounds						Qvalue
2) 1,4-Dioxane	1.67	88	3297	2.49	ng	# 1
3) Pyridine	2.22	79	8066	2.21	ng	# 15
4) n-Nitrosodimethylamine	2.09	42	27472	13.57	ng	# 1
9) Benzaldehyde	5.88	77	17059	6.99	ng	# 71
15) Benzyl Alcohol	6.50	79	26690	8.35	ng	# 26
16) 2,2'-oxybis(1-Chloropropan	6.67	45	779430	124.77	ng	# 84
19) n-Nitroso-di-n-propylamine	6.97	70	48854	18.43	ng	# 68
20) 3+4-Methylphenols	6.79	107	50883	14.59	ng	# 1
24) Nitrobenzene	6.79	77	88697	24.96	ng	# 24
25) Isophorone	6.97	82	328739	51.66	ng	# 59
32) Benzoic acid	7.55	122	207	2.64	ng	# 1
47) 2-Nitroaniline	8.98	65	4125	2.25	ng	# 12
49) Dimethylphthalate	9.12	163	18921	3.59	ng	# 94
55) 4-Nitrophenol	9.54	139	10800	12.64	ng	# 72
66) 4-Bromophenyl-phenylether	10.16	248	3878	3.25	ng	# 1

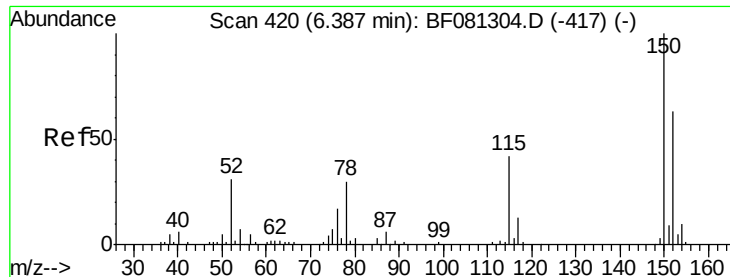
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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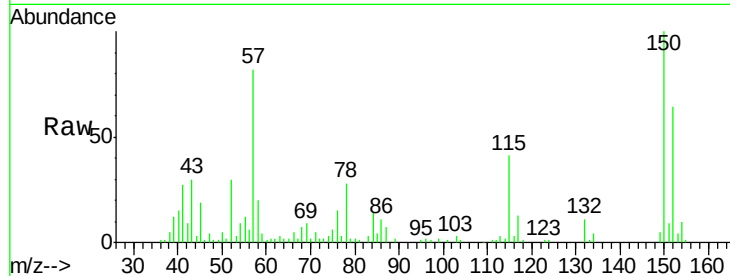


#1

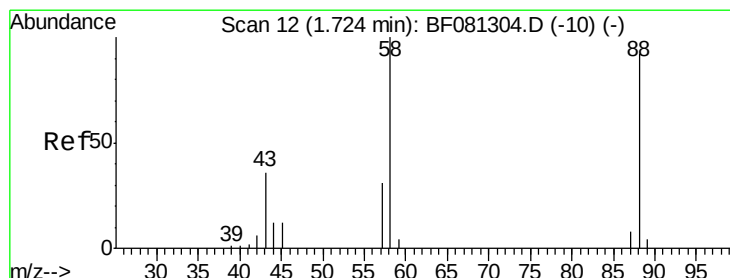
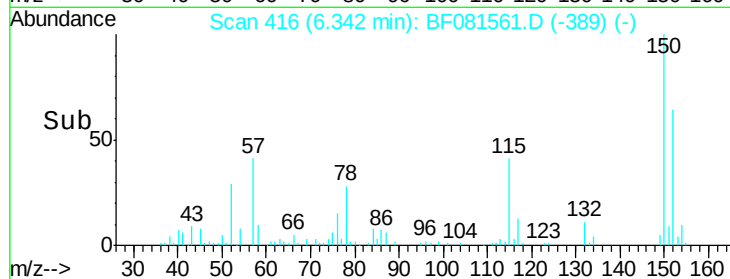
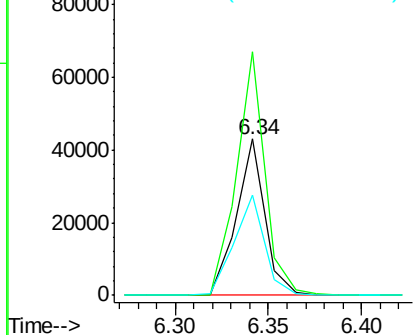
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.34 min Scan# 416
Delta R.T. 0.01 min
Lab File: BF081561.D
Acq: 9 Sep 2015 19:41

Instrument :
BNA_F
ClientSampleId :
EFFWW

Tot Ion:152 Resp: 45658
Ion Ratio Lower Upper
152 100
150 156.0 124.7 187.1
115 64.2 39.0 58.4#



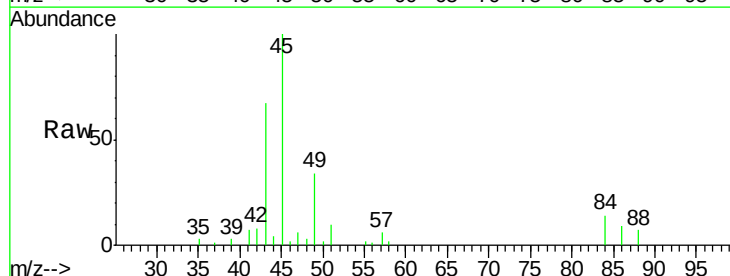
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



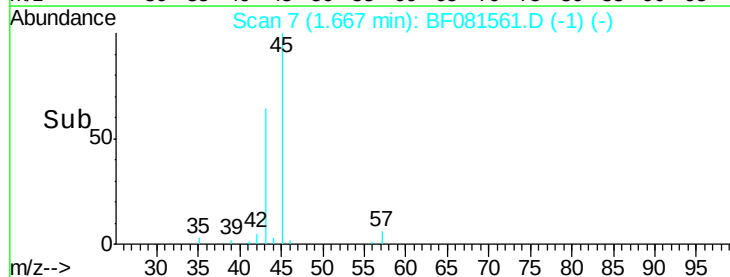
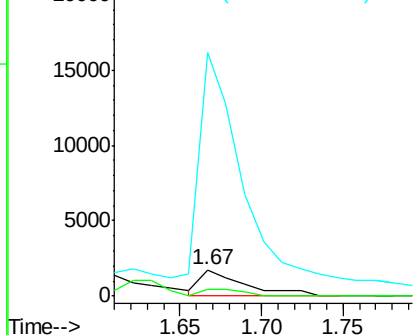
#2

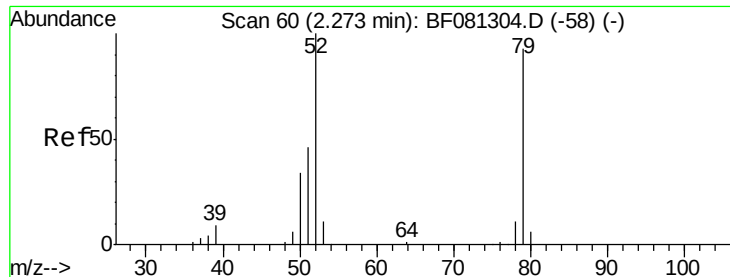
1,4-Dioxane
Concen: 2.49 ng
RT: 1.67 min Scan# 7
Delta R.T. 0.01 min
Lab File: BF081561.D
Acq: 9 Sep 2015 19:41

Tgt Ion: 88 Resp: 3297
Ion Ratio Lower Upper
88 100
58 24.6 77.7 116.5#
43 955.4 26.6 40.0#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0

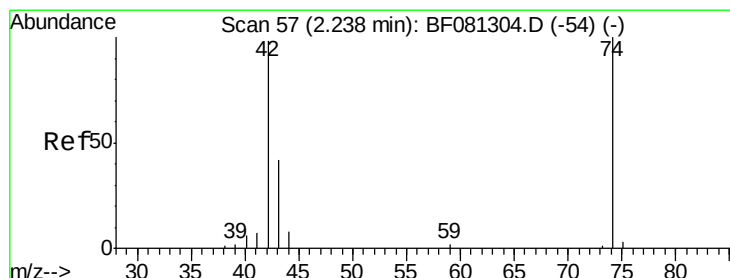
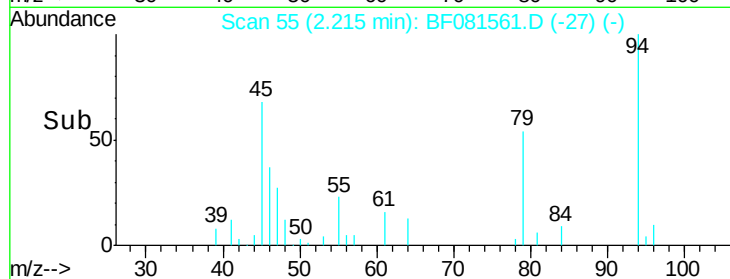
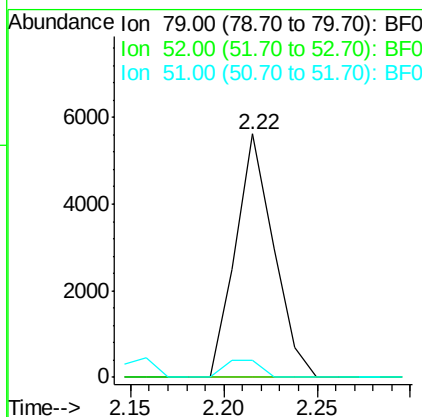
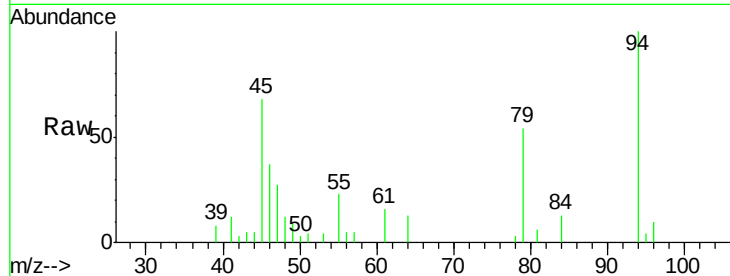




#3
 Pvridine
 Concen: 2.21 ng
 RT: 2.22 min Scan# 55
 Delta R.T. 0.02 min
 Lab File: BF081561.D
 Acq: 9 Sep 2015 19:41

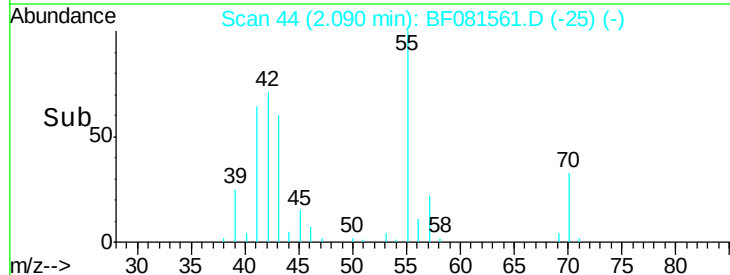
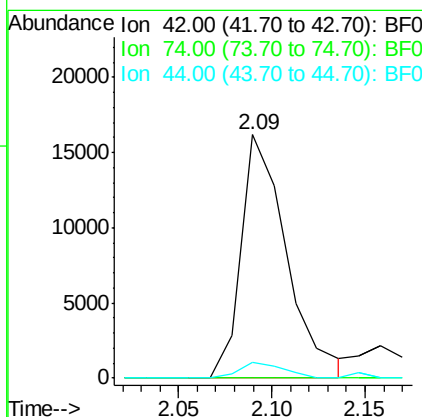
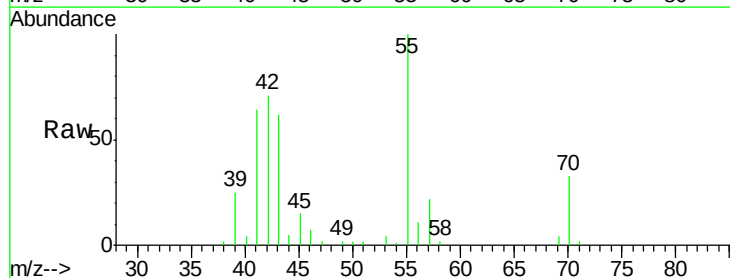
Instrument :
 BNA_F
 ClientSampleId :
 EFFWW

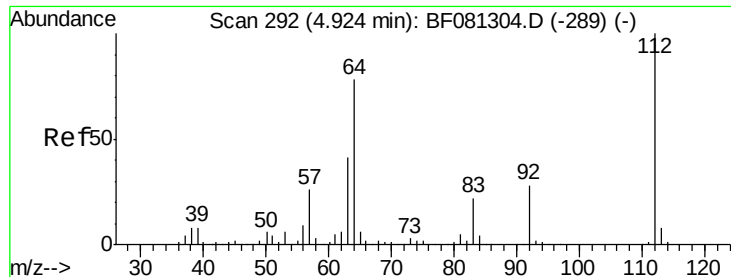
Tot Ion: 79 Resp: 8066
 Ion Ratio Lower Upper
 79 100
 52 0.0 76.8 115.2#
 51 7.0 32.2 48.4#



#4
 n-Nitrosodimethylamine
 Concen: 13.57 ng
 RT: 2.09 min Scan# 44
 Delta R.T. -0.08 min
 Lab File: BF081561.D
 Acq: 9 Sep 2015 19:41

Tgt Ion: 42 Resp: 27472
 Ion Ratio Lower Upper
 42 100
 74 0.0 105.0 157.6#
 44 6.6 6.6 10.0#





#5

2-Fluorophenol

Concen: 2.74 ng

RT: 4.91 min Scan# 291

Delta R.T. 0.05 min

Lab File: BF081561.D

Acq: 9 Sep 2015 19:41

Instrument :

BNA_F

ClientSampleId :

EFFWW

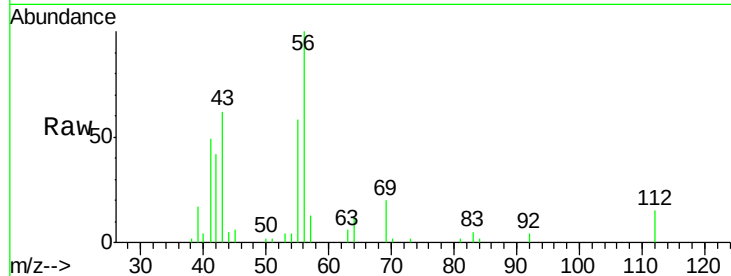
Tot Ion:112 Resp: 8074

Ion Ratio Lower Upper

112 100

64 76.6 39.7 59.5#

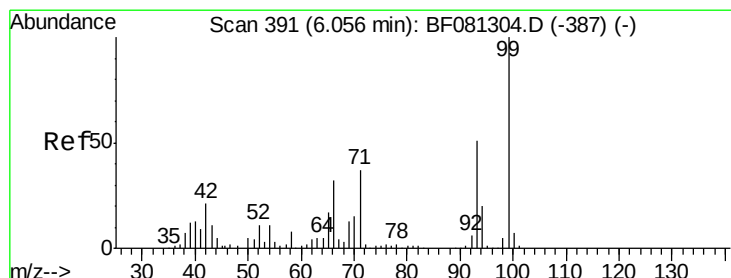
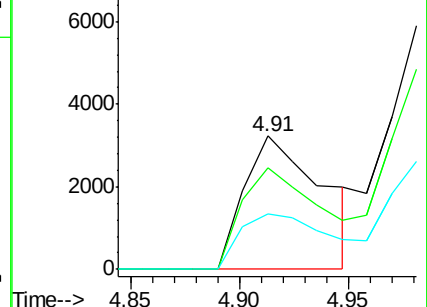
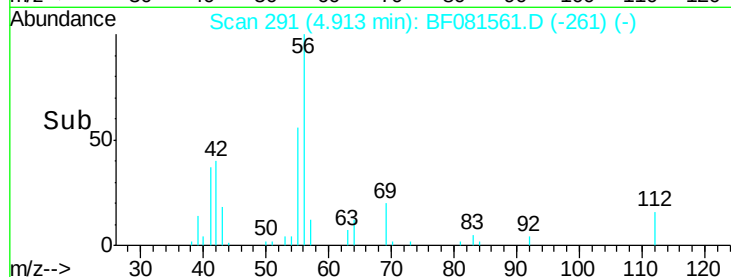
63 41.9 17.4 26.0#



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: 7.63 ng

RT: 6.08 min Scan# 393

Delta R.T. 0.07 min

Lab File: BF081561.D

Acq: 9 Sep 2015 19:41

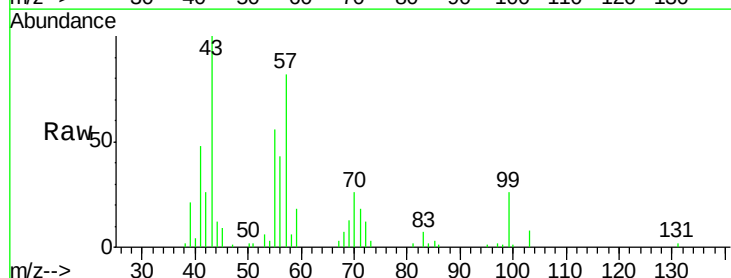
Tgt Ion: 99 Resp: 29713

Ion Ratio Lower Upper

99 100

42 98.7 13.7 20.5#

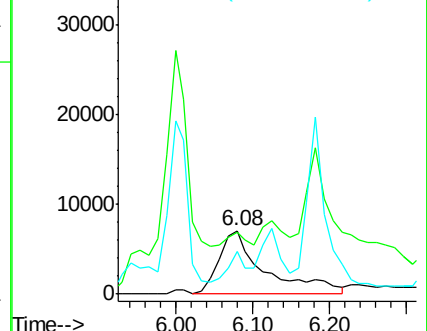
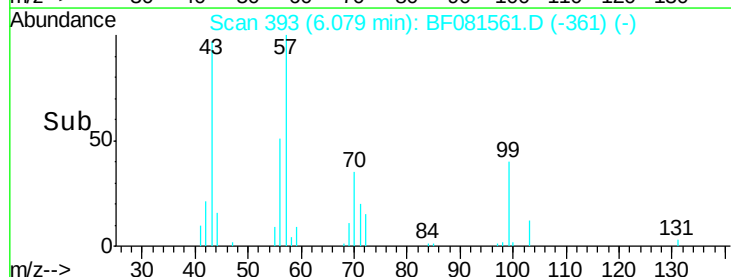
71 67.6 14.2 21.2#

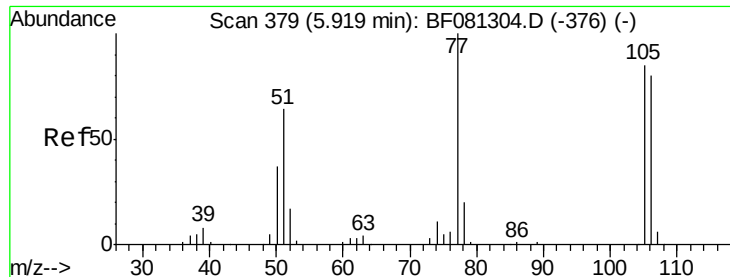


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#9

Benzaldehyde

Concen: 6.99 ng

RT: 5.88 min Scan# 376

Delta R.T. 0.01 min

Lab File: BF081561.D

Acq: 9 Sep 2015 19:41

Instrument :

BNA_F

ClientSampleId :

EFFWW

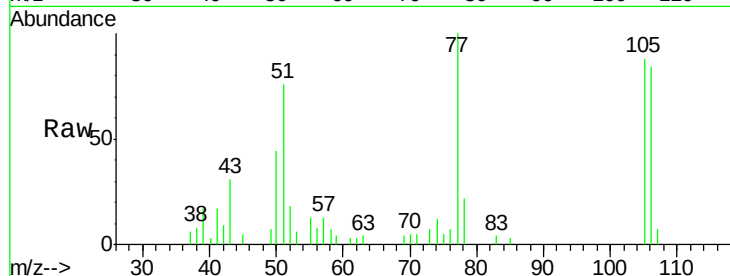
Tot Ion: 77 Resp: 17059

Ion Ratio Lower Upper

77 100

105 87.7 91.6 131.6#

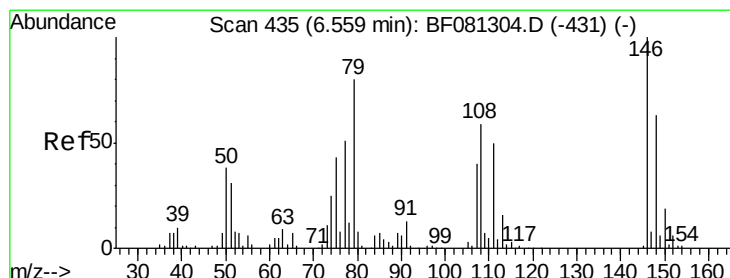
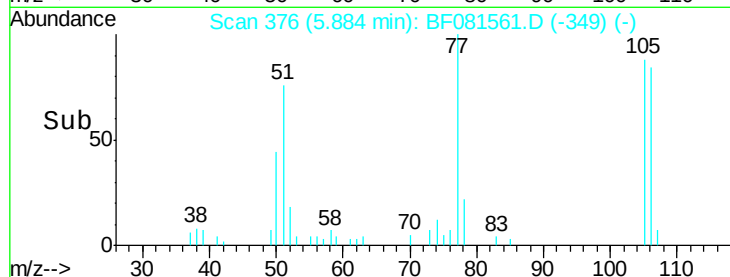
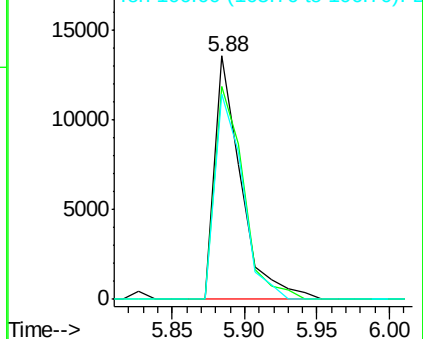
106 84.2 102.6 142.6#



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



#15

Benzyl Alcohol

Concen: 8.35 ng

RT: 6.50 min Scan# 430

Delta R.T. -0.00 min

Lab File: BF081561.D

Acq: 9 Sep 2015 19:41

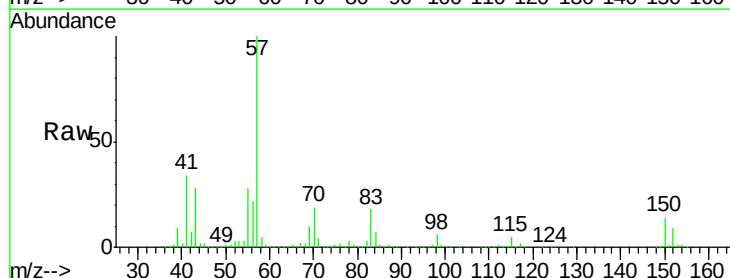
Tgt Ion: 79 Resp: 26690

Ion Ratio Lower Upper

79 100

108 15.9 88.6 132.8#

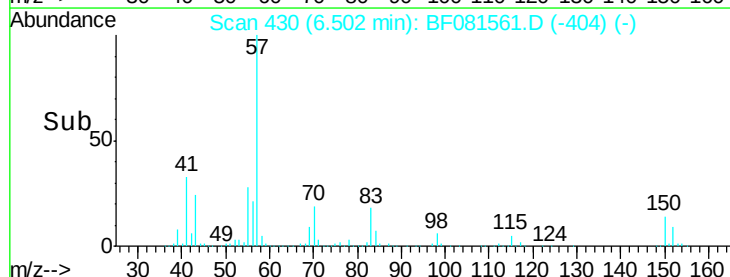
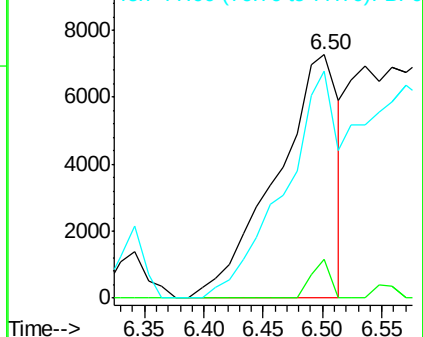
77 93.3 47.0 70.4#

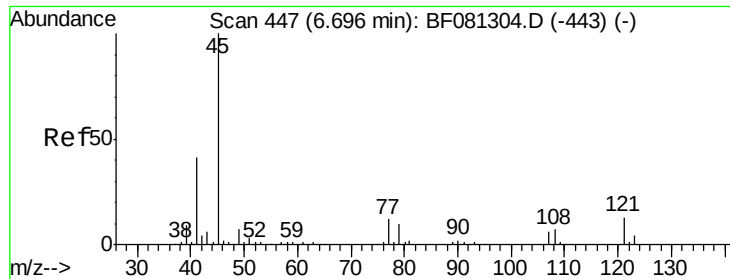


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0





#16

2,2'-oxvbis(1-Chloropropane)

Concen: 124.77 ng

RT: 6.67 min Scan# 445

Delta R.T. 0.02 min

Lab File: BF081561.D

Acq: 9 Sep 2015 19:41

Instrument :

BNA_F

ClientSampleId :

EFFWW

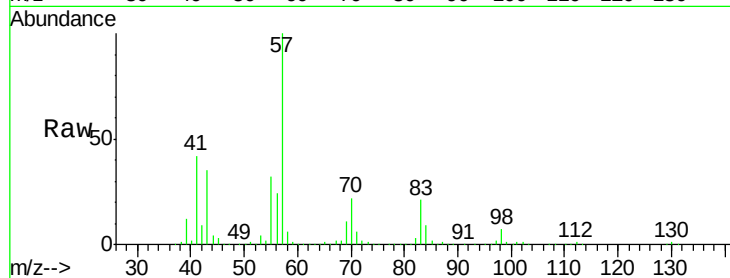
Tot Ion: 45 Resp: 779430

Ion Ratio Lower Upper

45 100

77 12.2 0.0 28.1

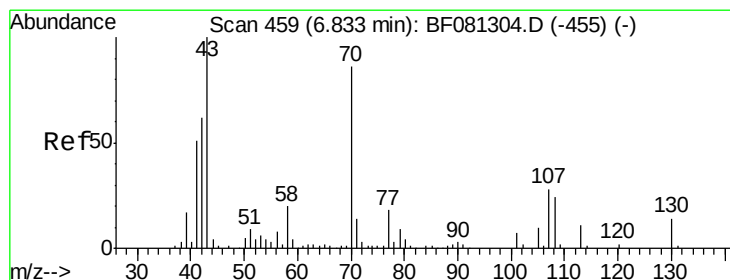
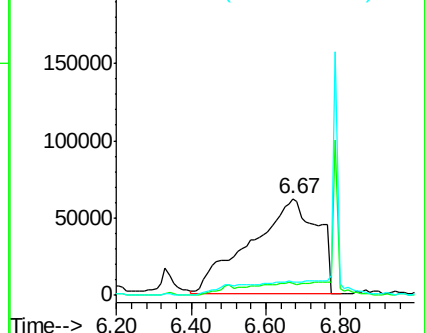
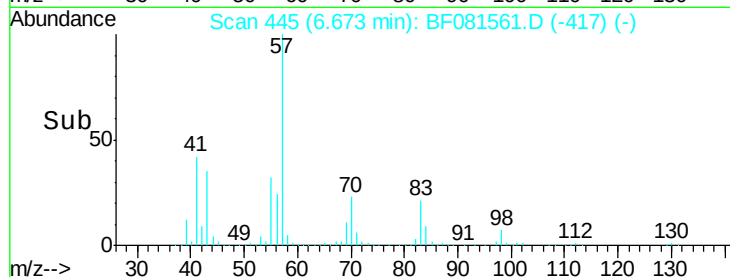
79 13.2 0.0 26.0



Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 18.43 ng

RT: 6.97 min Scan# 471

Delta R.T. 0.18 min

Lab File: BF081561.D

Acq: 9 Sep 2015 19:41

Tgt Ion: 70 Resp: 48854

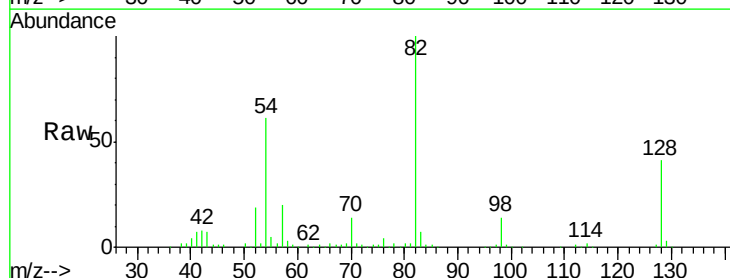
Ion Ratio Lower Upper

70 100

42 59.4 63.8 95.6#

101 0.0 9.2 13.8#

130 2.5 27.3 40.9#

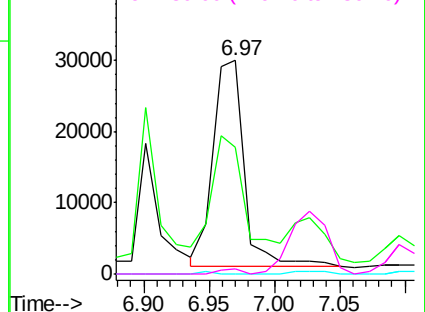
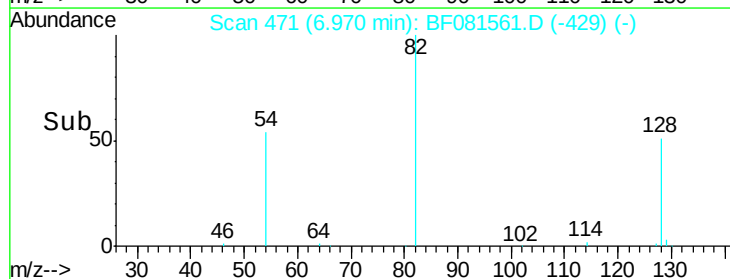


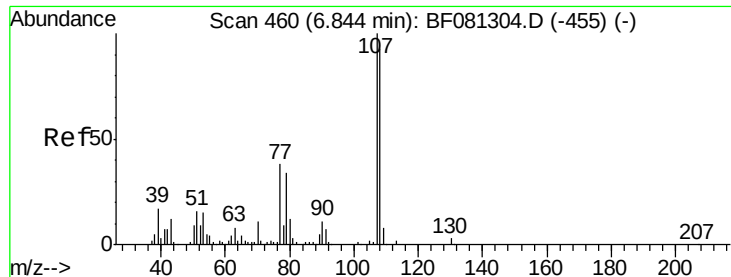
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#20

3+4-Methylphenols

Concen: 14.59 ng

RT: 6.79 min Scan# 455

Delta R.T. -0.01 min

Lab File: BF081561.D

Acq: 9 Sep 2015 19:41

Instrument :

BNA_F

ClientSampled :

EFFWW

Tot Ion:107 Resp: 50883

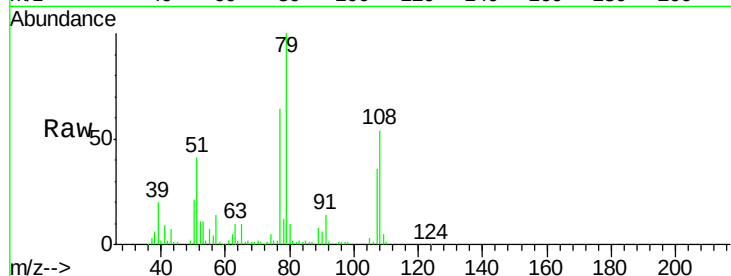
Ion Ratio Lower Upper

107 100

108 151.6 74.6 114.6#

77 178.9 0.7 40.7#

79 281.4 0.0 38.9#



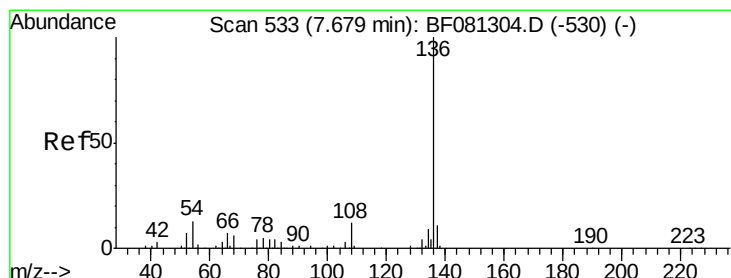
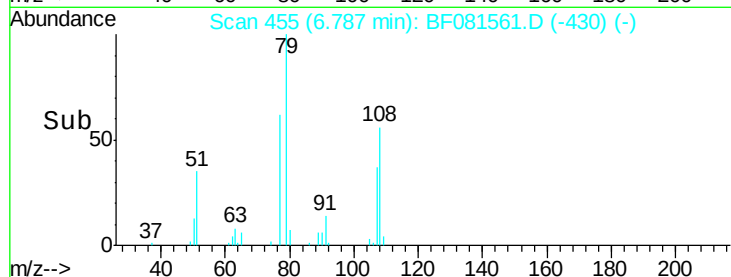
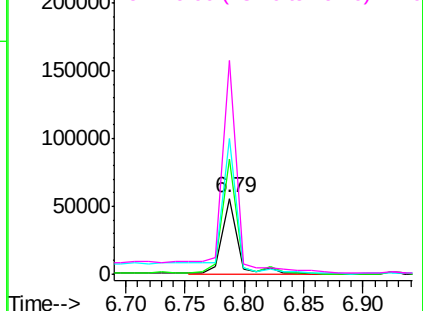
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.64 min Scan# 530

Delta R.T. 0.02 min

Lab File: BF081561.D

Acq: 9 Sep 2015 19:41

Tgt Ion:136 Resp: 165068

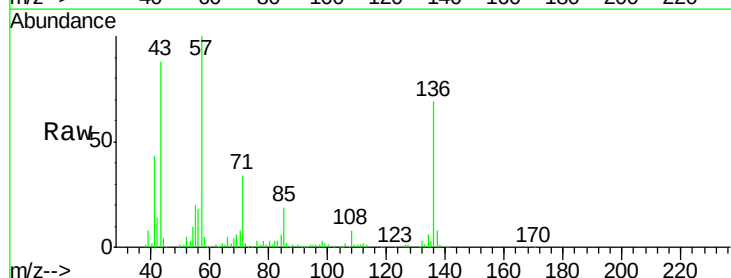
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.6

54 14.1 8.2 12.2#

68 6.2 5.8 8.6



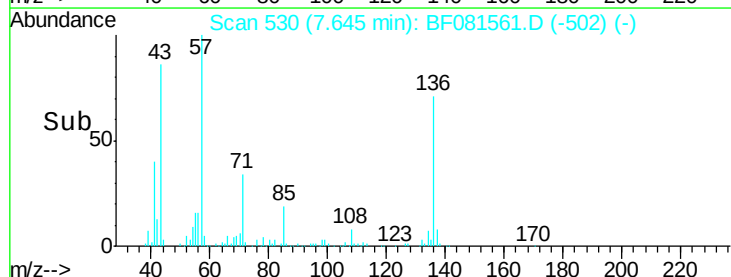
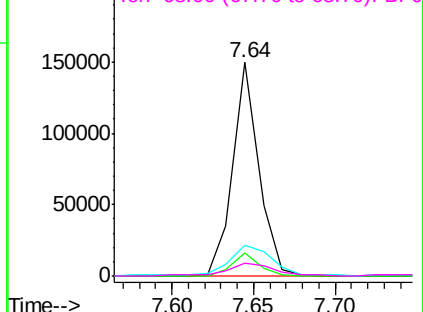
Abundance

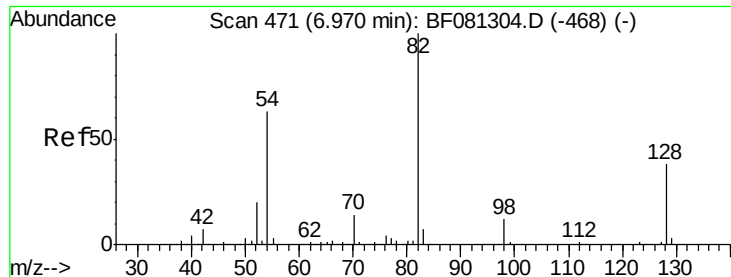
Ion 136.00 (135.70 to 136.70): E

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

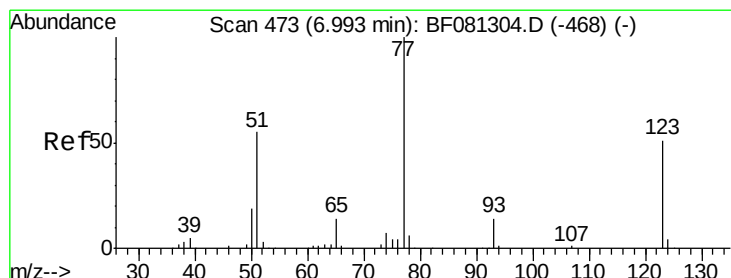
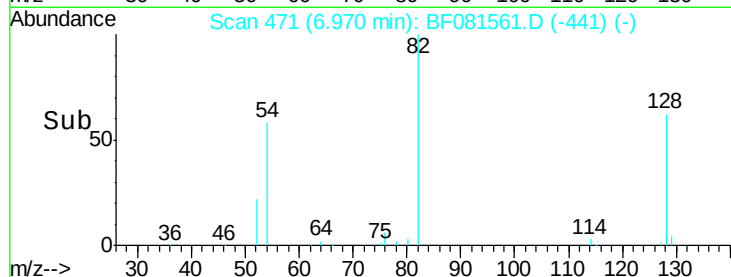
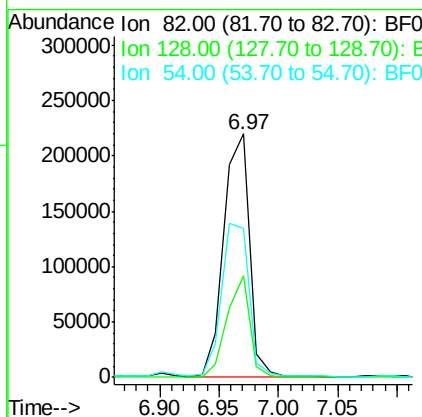
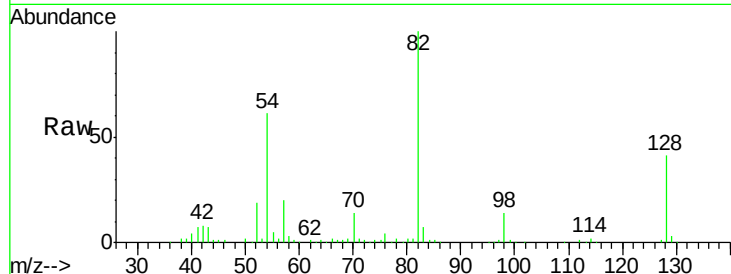




#23
 Nitrobenzene-d5
 Concen: 96.46 ng
 RT: 6.97 min Scan# 471
 Delta R.T. 0.05 min
 Lab File: BF081561.D
 Acq: 9 Sep 2015 19:41

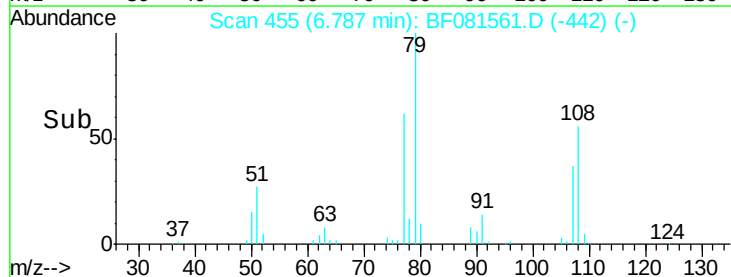
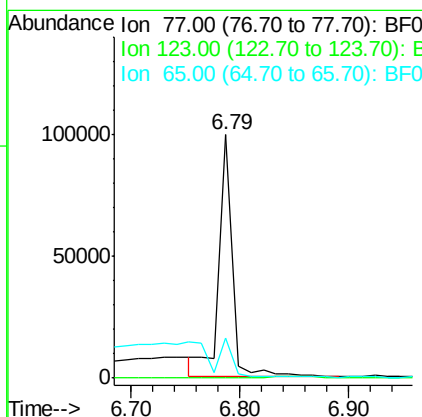
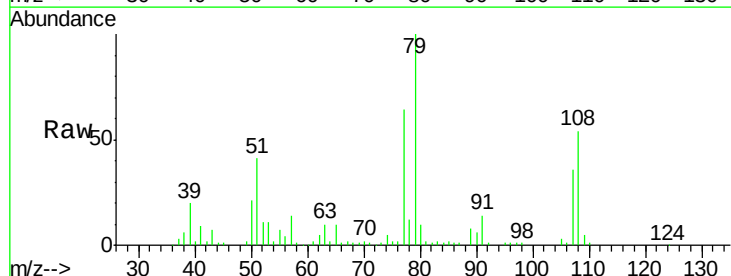
Instrument :
 BNA_F
 ClientSampled :
 EFFWW

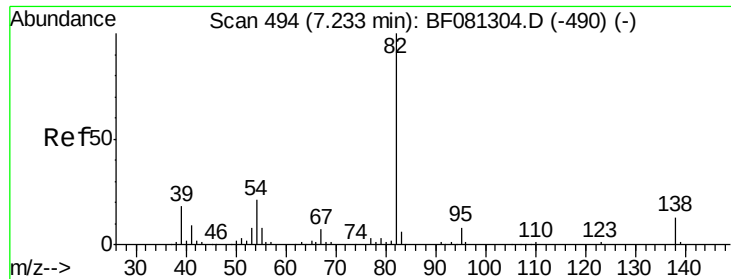
Tot Ion: 82 Resp: 330025
 Ion Ratio Lower Upper
 82 100
 128 41.5 51.0 76.6#
 54 61.1 47.5 71.3



#24
 Nitrobenzene
 Concen: 24.96 ng
 RT: 6.79 min Scan# 455
 Delta R.T. -0.15 min
 Lab File: BF081561.D
 Acq: 9 Sep 2015 19:41

Tgt Ion: 77 Resp: 88697
 Ion Ratio Lower Upper
 77 100
 123 0.0 59.8 89.8#
 65 16.3 10.2 15.4#





#25

Isophorone

Concen: 51.66 ng

RT: 6.97 min Scan# 471

Delta R.T. -0.22 min

Lab File: BF081561.D

Acq: 9 Sep 2015 19:41

Instrument :

BNA_F

ClientSampleId :

EFFWW

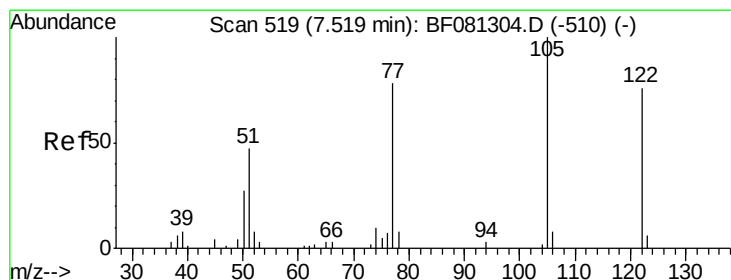
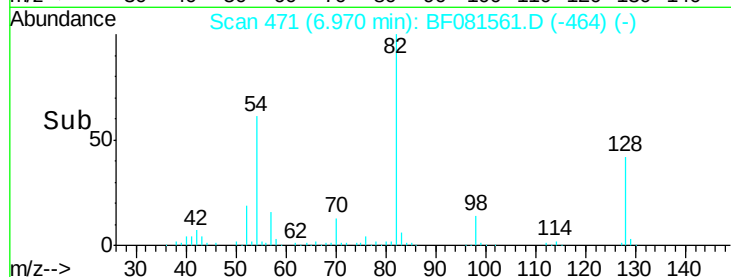
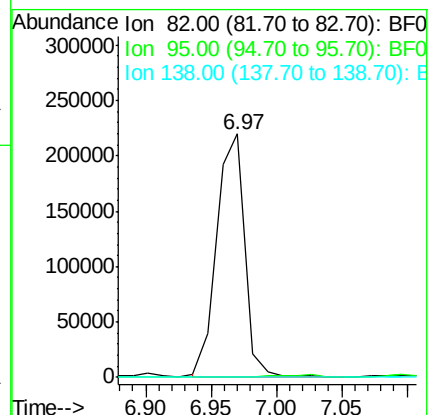
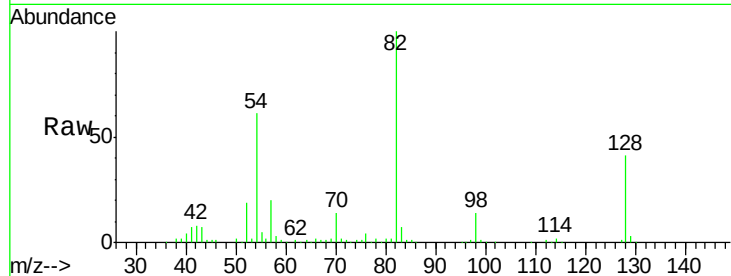
Tot Ion: 82 Resp: 328739

Ion Ratio Lower Upper

82 100

95 0.2 4.0 6.0#

138 0.0 18.3 27.5#



#32

Benzoic acid

Concen: 2.64 ng

RT: 7.55 min Scan# 522

Delta R.T. 0.06 min

Lab File: BF081561.D

Acq: 9 Sep 2015 19:41

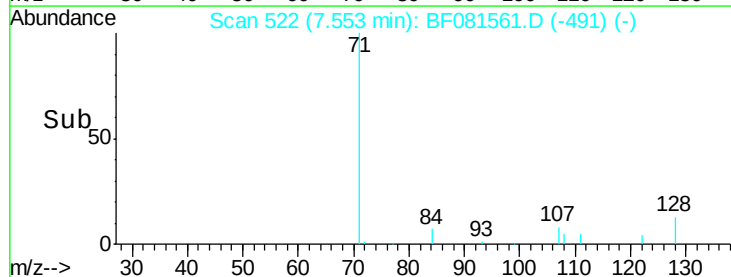
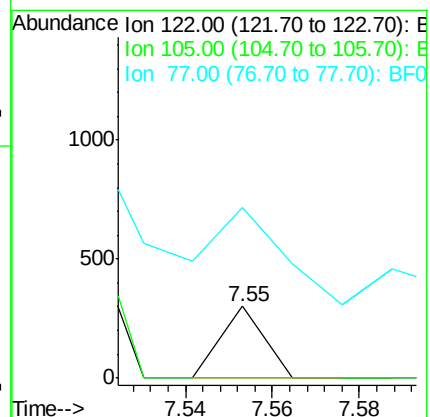
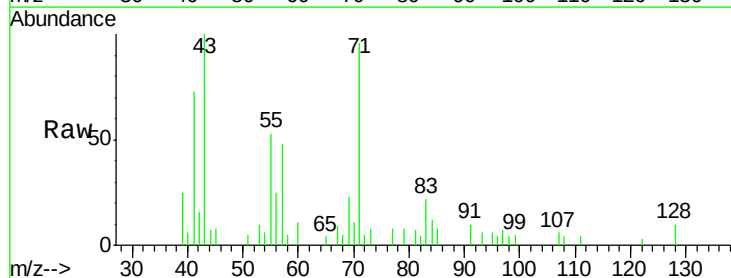
Tgt Ion: 122 Resp: 207

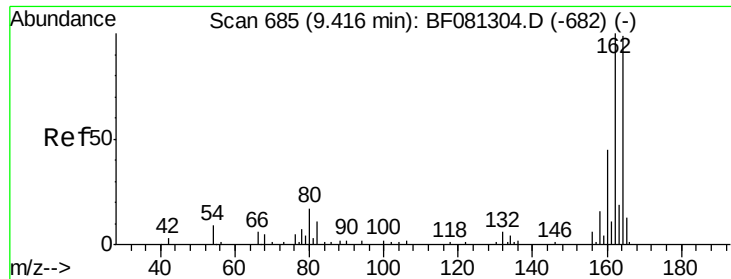
Ion Ratio Lower Upper

122 100

105 0.0 76.1 116.1#

77 237.7 40.5 80.5#

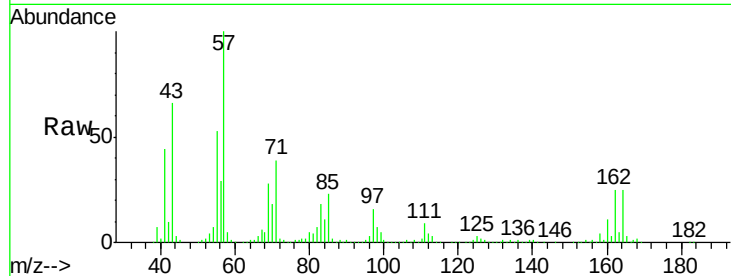




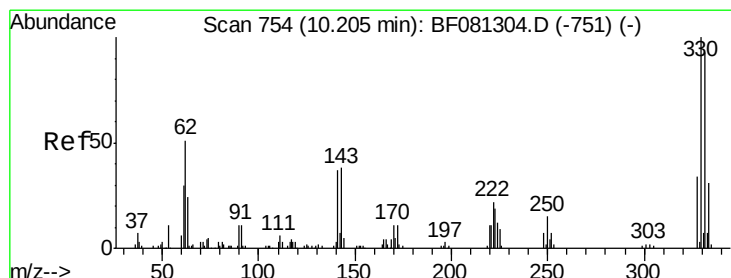
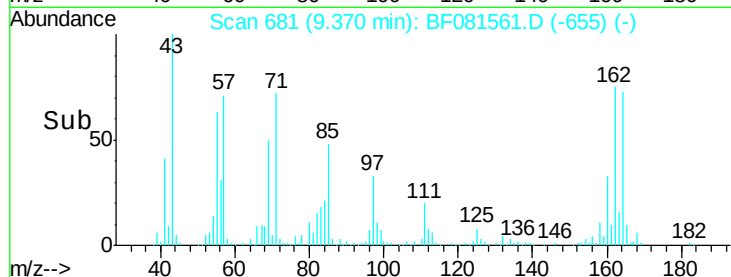
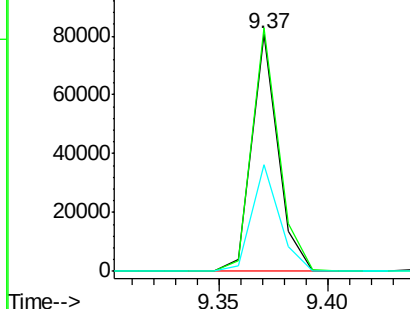
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.37 min Scan# 681
Delta R.T. -0.00 min
Lab File: BF081561.D
Acq: 9 Sep 2015 19:41

Instrument :
BNA_F
ClientSampleId :
EFFWW

Tot Ion:164 Resp: 67751
Ion Ratio Lower Upper
164 100
162 102.4 75.2 112.8
160 45.0 31.5 47.3

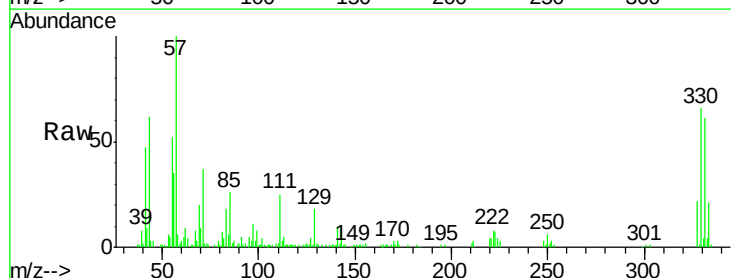


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

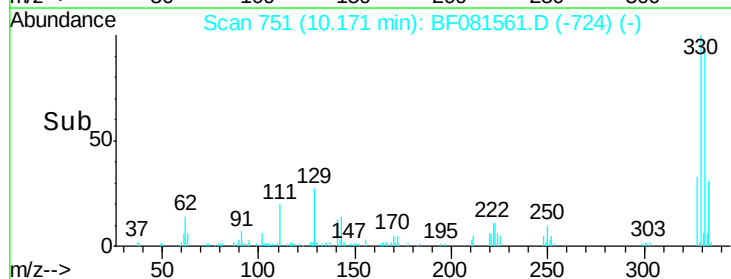
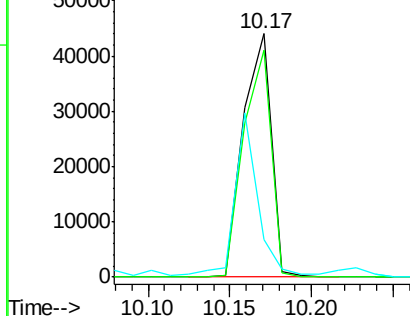


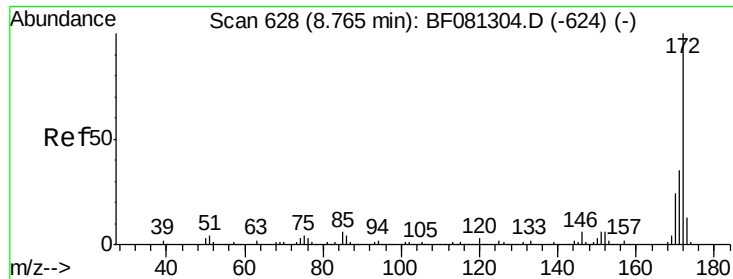
#41
2,4,6-Tribromophenol
Concen: 86.78 ng
RT: 10.17 min Scan# 751
Delta R.T. 0.01 min
Lab File: BF081561.D
Acq: 9 Sep 2015 19:41

Tgt Ion:330 Resp: 52351
Ion Ratio Lower Upper
330 100
332 91.9 76.6 114.8
141 55.7 29.7 44.5#



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

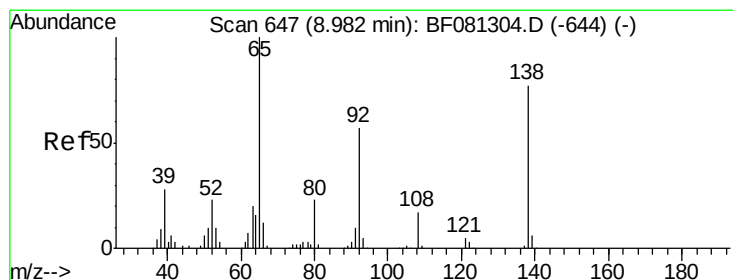
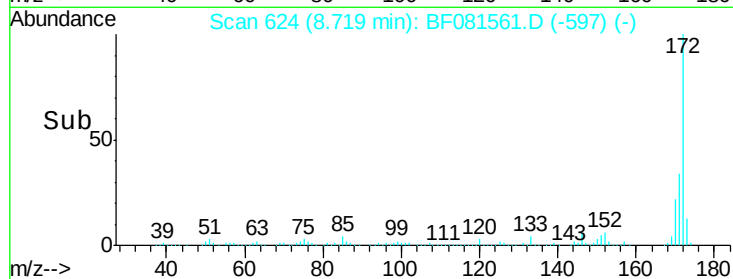
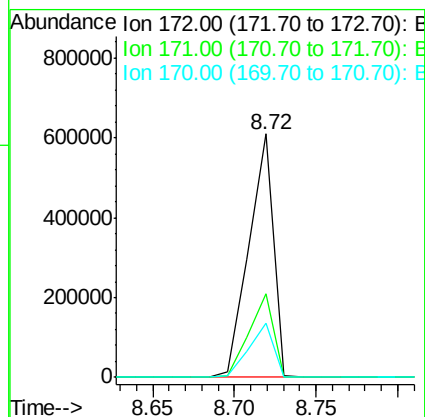
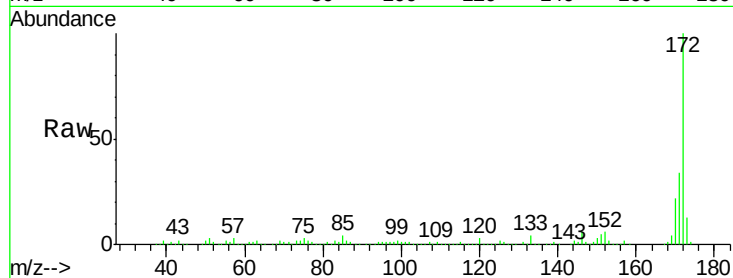




#44
 2-Fluorobiphenyl
 Concen: 119.62 ng
 RT: 8.72 min Scan# 624
 Delta R.T. 0.01 min
 Lab File: BF081561.D
 Acq: 9 Sep 2015 19:41

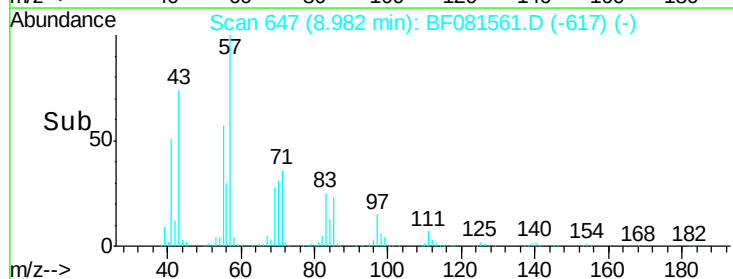
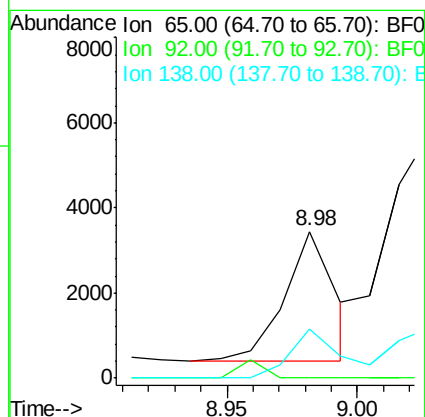
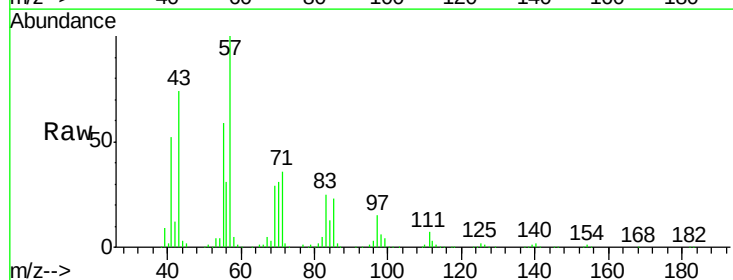
Instrument :
 BNA_F
 ClientSampleId :
 EFFWW

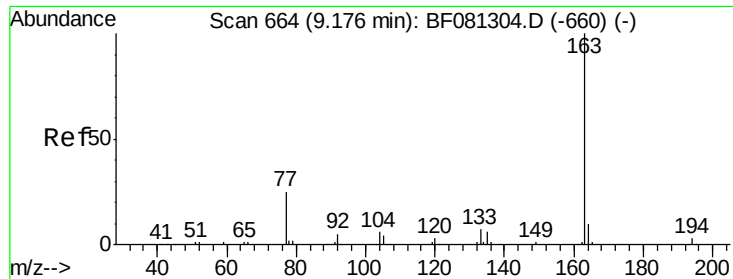
Tot Ion:172 Resp: 632417
 Ion Ratio Lower Upper
 172 100
 171 34.3 26.1 39.1
 170 22.4 17.4 26.2



#47
 2-Nitroaniline
 Concen: 2.25 ng
 RT: 8.98 min Scan# 647
 Delta R.T. 0.05 min
 Lab File: BF081561.D
 Acq: 9 Sep 2015 19:41

Tgt Ion: 65 Resp: 4125
 Ion Ratio Lower Upper
 65 100
 92 0.0 55.4 83.0#
 138 33.3 115.5 173.3#

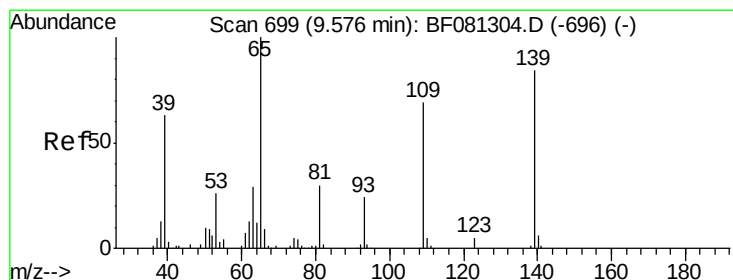
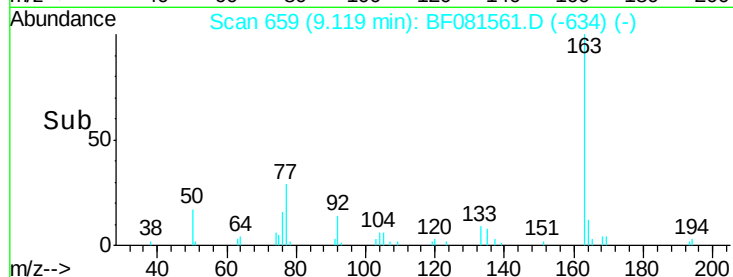
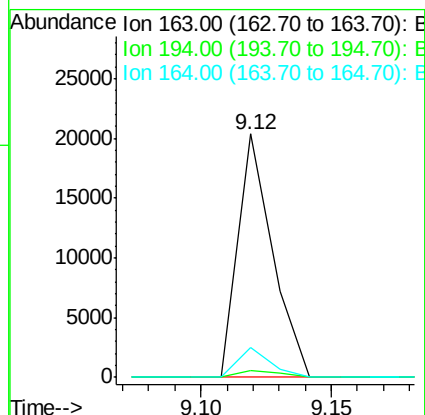
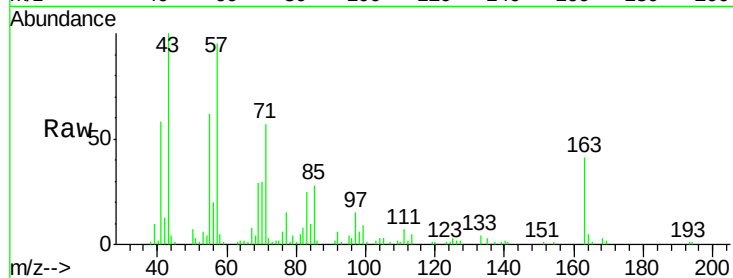




#49
Dimethylphthalate
Concen: 3.59 ng
RT: 9.12 min Scan# 659
Delta R.T. -0.01 min
Lab File: BF081561.D
Acq: 9 Sep 2015 19:41

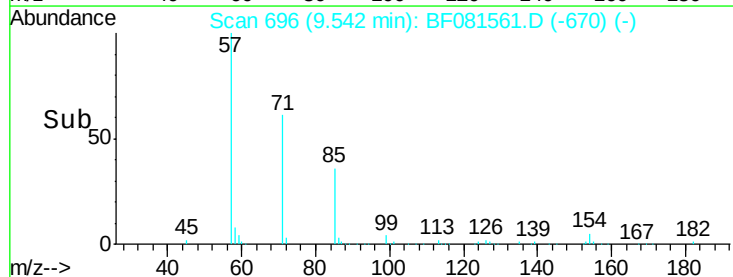
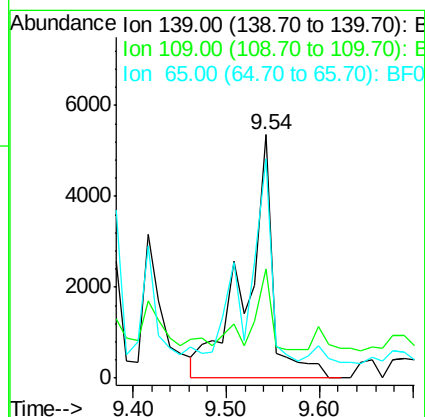
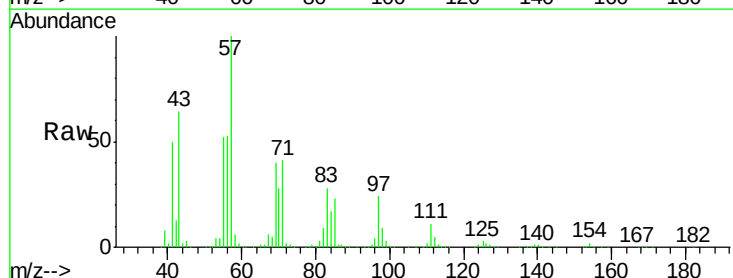
Instrument :
BNA_F
ClientSampleId :
EFFWW

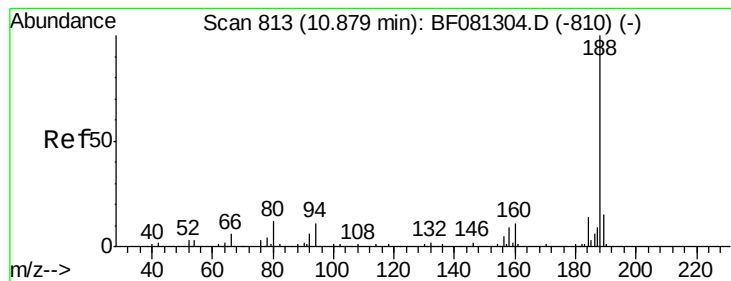
Tot Ion:163 Resp: 18921
Ion Ratio Lower Upper
163 100
194 2.8 4.4 6.6#
164 12.0 8.3 12.5



#55
4-Nitrophenol
Concen: 12.64 ng
RT: 9.54 min Scan# 696
Delta R.T. -0.00 min
Lab File: BF081561.D
Acq: 9 Sep 2015 19:41

Tgt Ion:139 Resp: 10800
Ion Ratio Lower Upper
139 100
109 44.9 12.7 52.7
65 90.3 45.9 85.9#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 10.83 min Scan# 809

Delta R.T. -0.00 min

Lab File: BF081561.D

Acq: 9 Sep 2015 19:41

Instrument :

BNA_F

ClientSampleId :

EFFWW

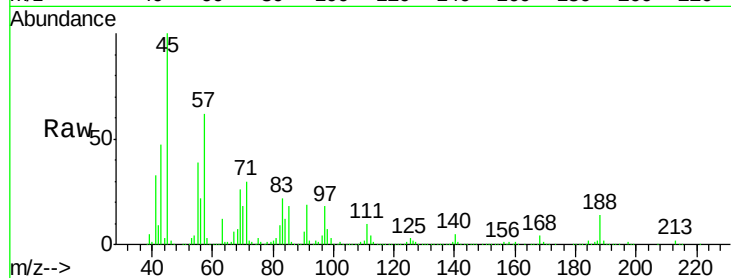
Tot Ion:188 Resp: 118161

Ion Ratio Lower Upper

188 100

94 10.6 11.1 16.7#

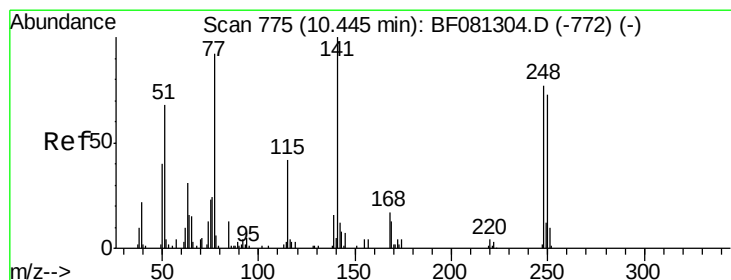
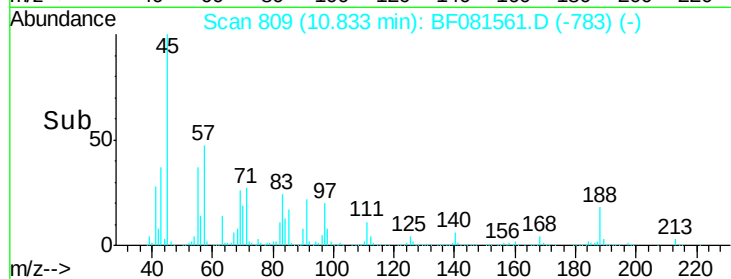
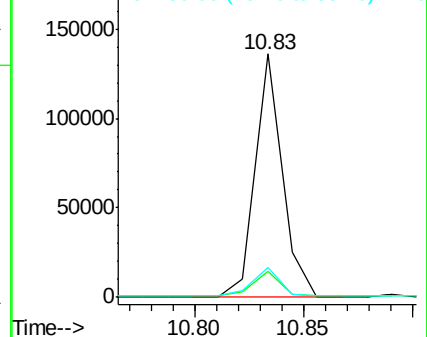
80 12.4 11.0 16.4



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



#66

4-Bromophenyl-phenylether

Concen: 3.25 ng

RT: 10.16 min Scan# 750

Delta R.T. -0.24 min

Lab File: BF081561.D

Acq: 9 Sep 2015 19:41

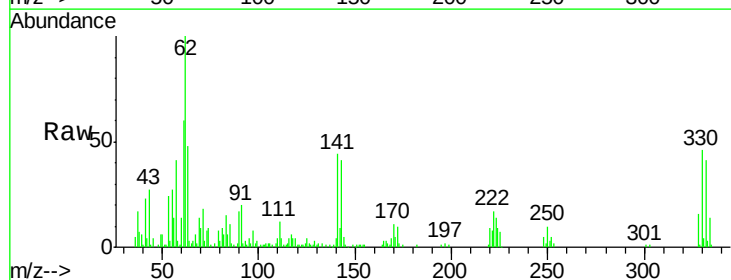
Tgt Ion:248 Resp: 3878

Ion Ratio Lower Upper

248 100

250 180.0 78.5 117.7#

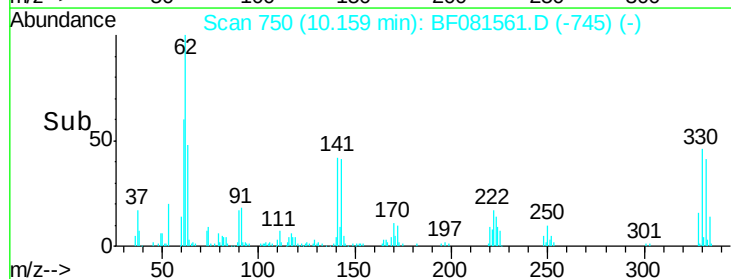
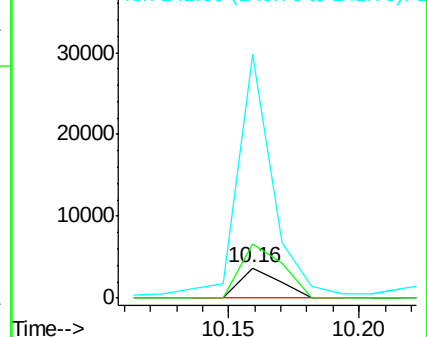
141 813.8 59.0 88.6#

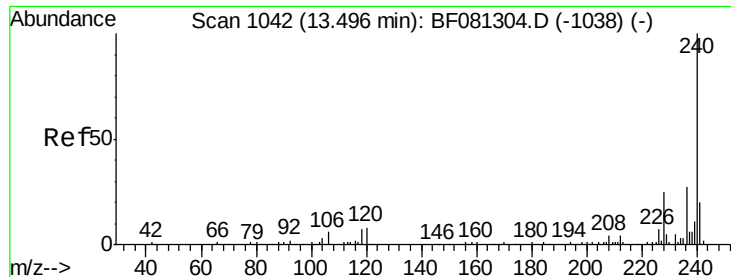


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

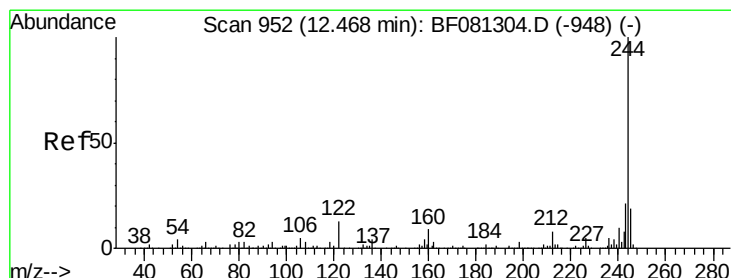
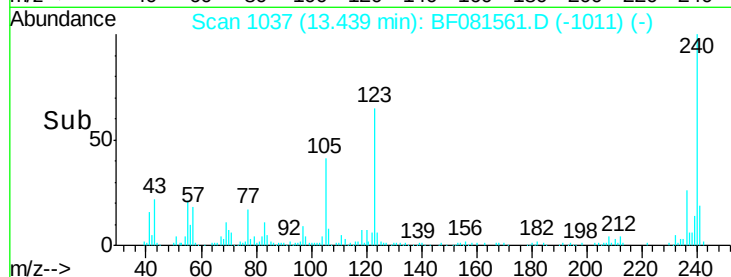
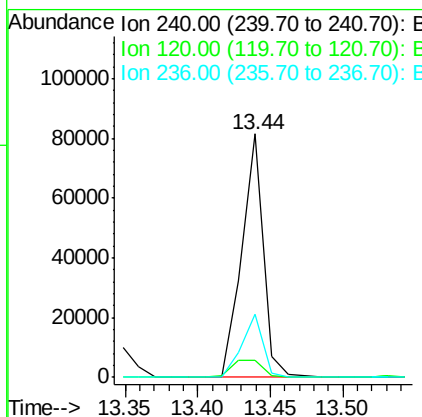
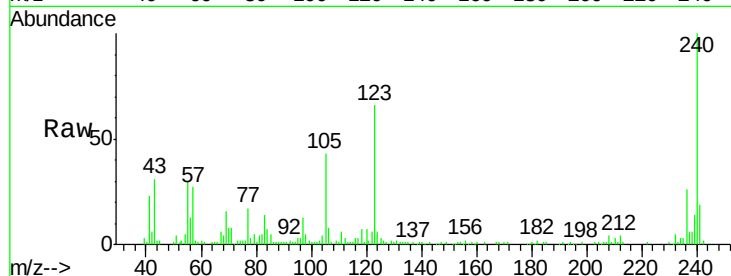




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.44 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BF081561.D
Acq: 9 Sep 2015 19:41

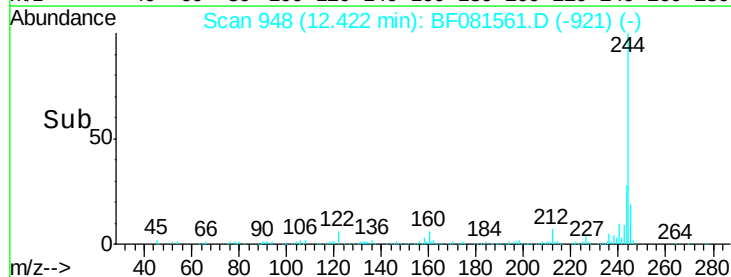
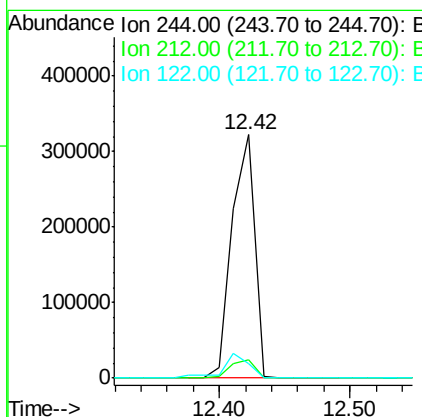
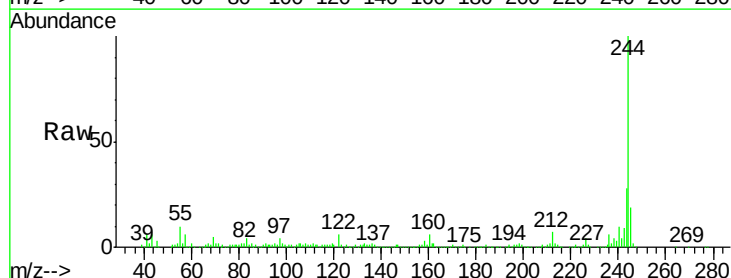
Instrument :
BNA_F
ClientSampleId :
EFFWW

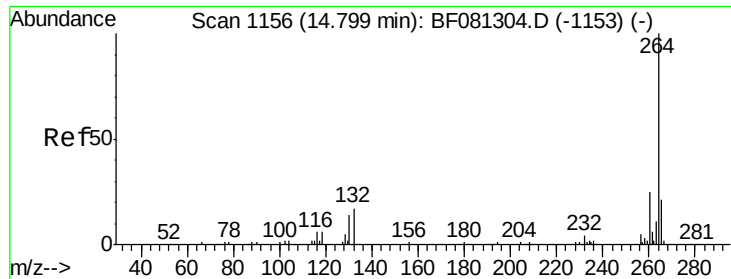
Tot Ion:240 Resp: 83980
Ion Ratio Lower Upper
240 100
120 7.0 16.2 24.2#
236 25.9 18.4 27.6



#78
Terphenyl-d14
Concen: 107.22 ng
RT: 12.42 min Scan# 948
Delta R.T. 0.01 min
Lab File: BF081561.D
Acq: 9 Sep 2015 19:41

Tgt Ion:244 Resp: 386804
Ion Ratio Lower Upper
244 100
212 7.3 4.3 6.5#
122 5.7 17.4 26.2#



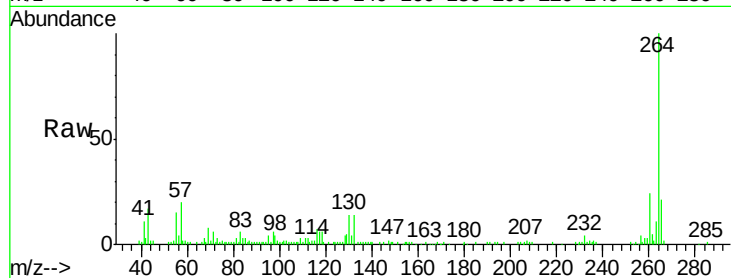


#86
Pervlene-d12
Concen: 20.00 ng
RT: 14.74 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BF081561.D
Acq: 9 Sep 2015 19:41

Instrument :
BNA_F
ClientSampleId :
EFFWW

Tot Ion: 264 Resp: 72381

Ion	Ratio	Lower	Upper
264	100		
260	23.6	16.7	25.1
265	21.4	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

