

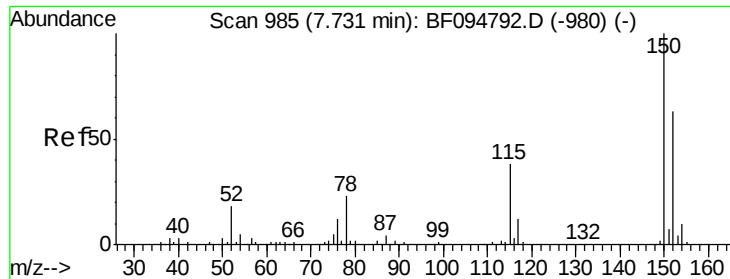
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051017\
 Data File : BF095061.D
 Acq On : 10 May 2017 17:58
 Operator : SJ/MA
 Sample : I3055-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW

Quant Time: May 11 07:11:43 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	88704	20.00	ng	-0.02
21) Naphthalene-d8	9.74	136	351580	20.00	ng	-0.02
38) Acenaphthene-d10	12.56	164	153905	20.00	ng	-0.02
63) Phenanthrene-d10	14.98	188	239273	20.00	ng	0.00
75) Chrysene-d12	18.68	240	85656	20.00	ng	0.02
86) Perylene-d12	20.34	264	172881	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.89	112	216803	40.75	ng	0.21
7) Phenol-d6	7.32	99	79479	12.45	ng	0.05
23) Nitrobenzene-d5	8.62	82	542222	97.25	ng	-0.01
41) 2,4,6-Tribromophenol	13.88	330	120180	95.35	ng	0.00
44) 2-Fluorobiphenyl	11.51	172	1014416	94.87	ng	-0.02
78) Terphenyl-d14	17.30	244	670993	172.54	ng	-0.01
Target Compounds						
15) Benzyl Alcohol	7.95	79	15914	3.88	ng	# 41
16) 2,2'-oxybis(1-Chloropropan	8.32	45	25280	3.22	ng	78
19) n-Nitroso-di-n-propylamine	8.52	70	806826	186.87	ng	# 67
32) Benzoic acid	9.55	122	809	5.30	ng	# 1
49) Dimethylphthalate	12.21	163	138236	10.94	ng	# 99
53) 2,4-Dinitrophenol	12.61	184	115	6.32	ng	# 1
54) Dibenzofuran	12.67	168	54966	4.06	ng	# 59
73) Di-n-butylphthalate	15.93	149	33899	2.13	ng	# 96
76) Benzidine	16.99	184	403	6.74	ng	# 1
81) 3,3'-Dichlorobenzidine	18.62	252	5856	3.40	ng	# 1
83) Bis(2-ethylhexyl)phthalate	18.75	149	14871	3.50	ng	# 1

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

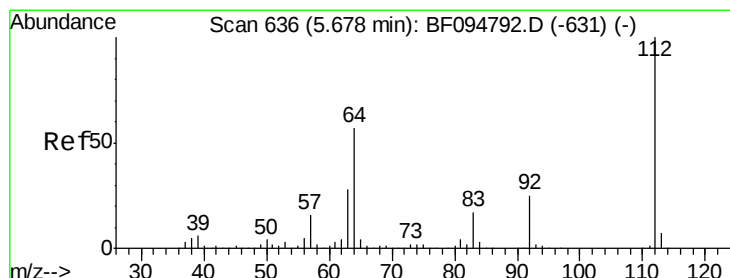
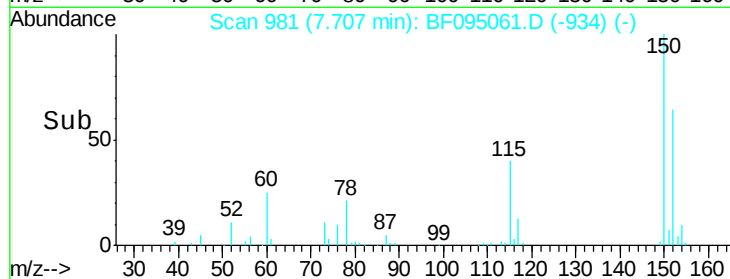
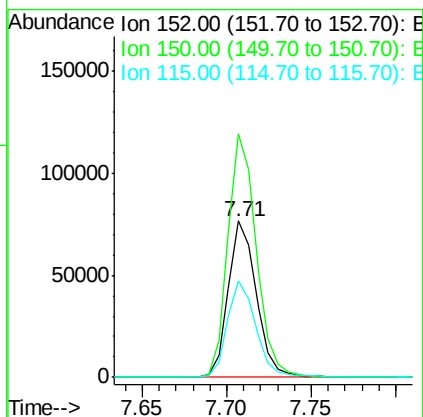
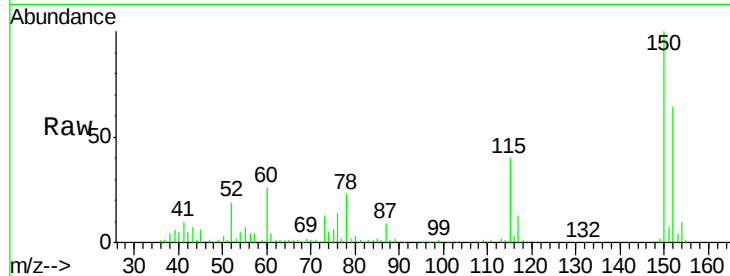


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.71 min Scan# 981
Delta R.T. -0.02 min
Lab File: BF095061.D
Acq: 10 May 2017 17:58

Instrument :
BNA_F
ClientSampleId :
EFF-WW

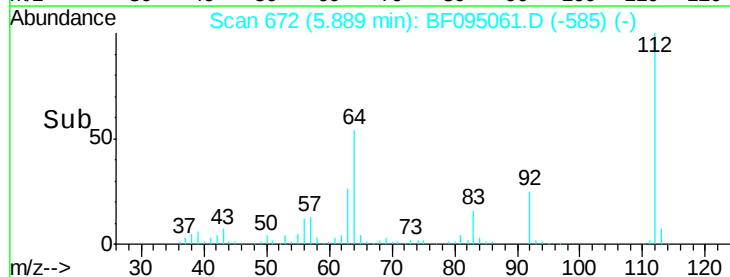
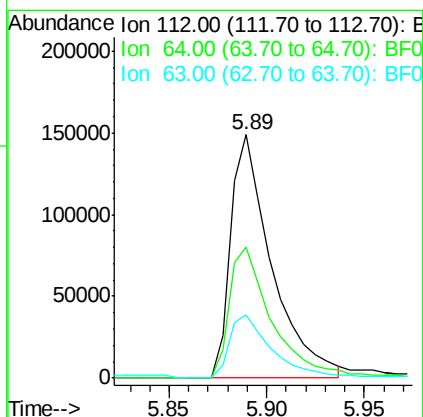
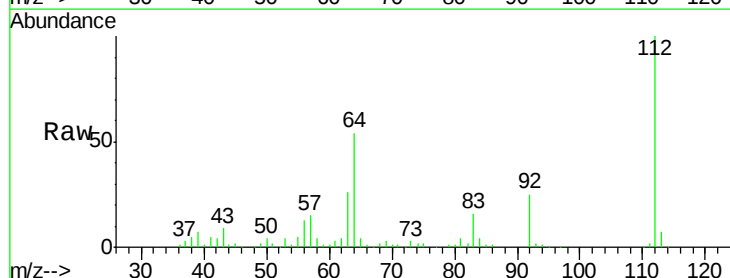
Tgt Ion:152 Resp: 88704
Ion Ratio Lower Upper
152 100
150 155.7 126.2 189.2
115 61.6 52.2 78.2

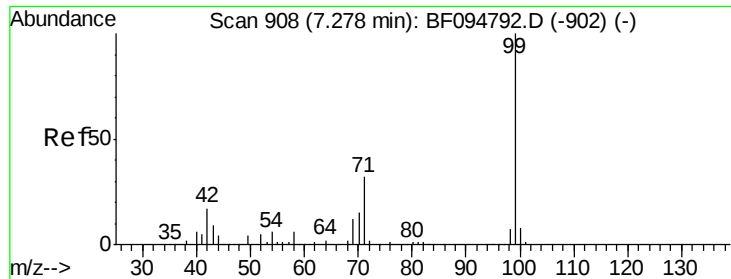


#5

2-Fluorophenol
Concen: 40.75 ng
RT: 5.89 min Scan# 672
Delta R.T. 0.21 min
Lab File: BF095061.D
Acq: 10 May 2017 17:58

Tgt Ion:112 Resp: 216803
Ion Ratio Lower Upper
112 100
64 53.8 46.0 69.0
63 25.9 23.4 35.0





#7

Phenol-d6

Concen: 12.45 ng

RT: 7.32 min Scan# 916

Delta R.T. 0.05 min

Lab File: BF095061.D

Acq: 10 May 2017 17:58

Instrument :

BNA_F

ClientSampleId :

EFF-WW

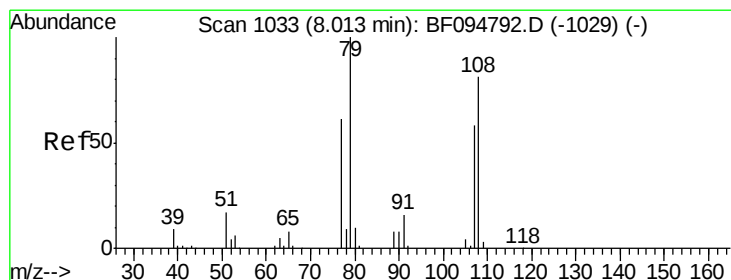
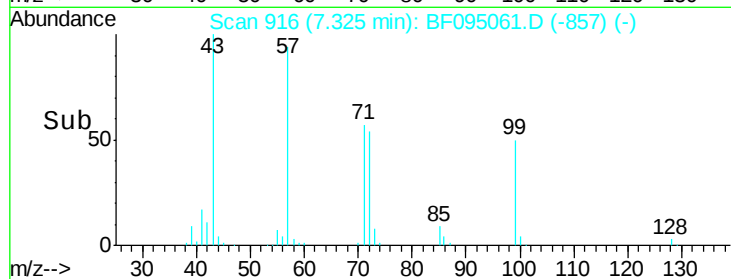
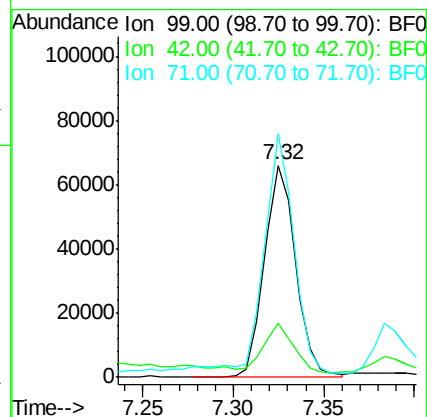
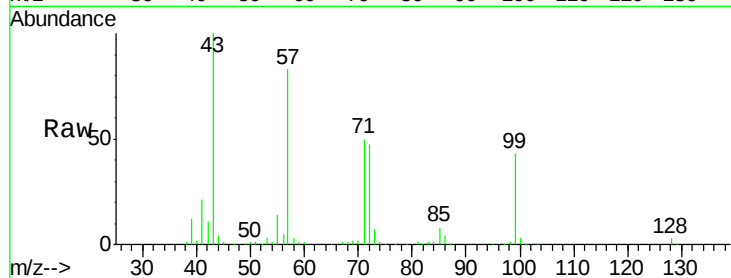
Tgt Ion: 99 Resp: 79479

Ion Ratio Lower Upper

99 100

42 25.6 13.5 20.3#

71 115.1 24.5 36.7#



#15

Benzyl Alcohol

Concen: 3.88 ng

RT: 7.95 min Scan# 1022

Delta R.T. -0.06 min

Lab File: BF095061.D

Acq: 10 May 2017 17:58

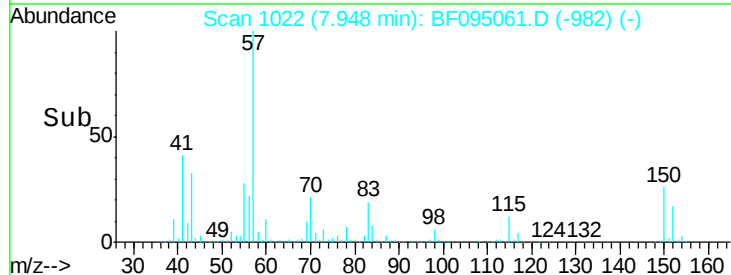
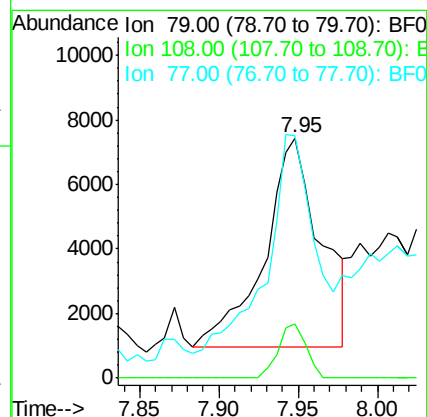
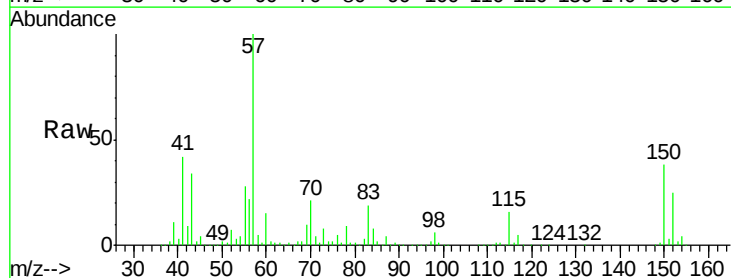
Tgt Ion: 79 Resp: 15914

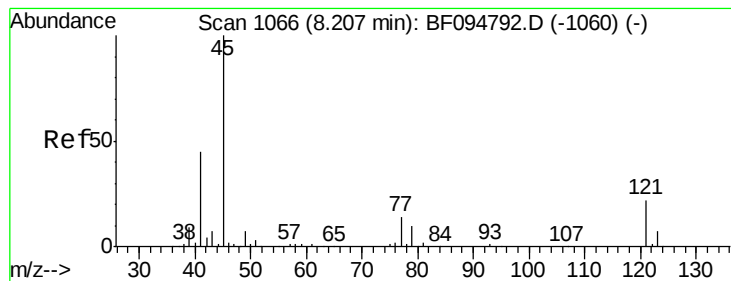
Ion Ratio Lower Upper

79 100

108 22.7 63.4 95.0#

77 100.8 49.2 73.8#





#16

2,2'-oxybis(1-Chloropropane)

Concen: 3.22 ng

RT: 8.32 min Scan# 1085

Delta R.T. 0.11 min

Lab File: BF095061.D

Acq: 10 May 2017 17:58

Instrument :

BNA_F

ClientSampleId :

EFF-WW

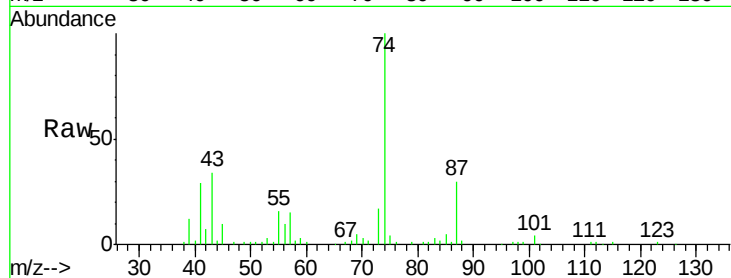
Tgt Ion: 45 Resp: 25280

Ion Ratio Lower Upper

45 100

77 0.0 0.0 33.2

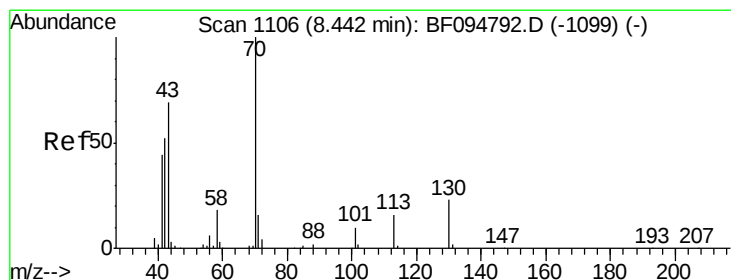
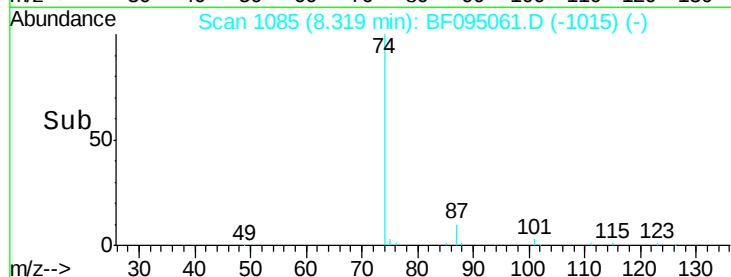
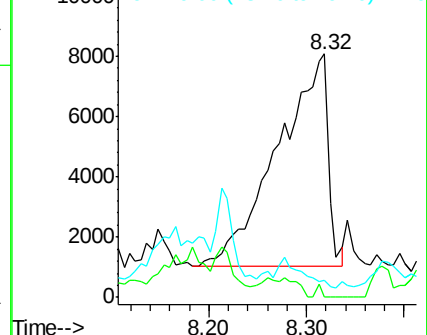
79 7.3 0.0 30.0



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: 186.87 ng

RT: 8.52 min Scan# 1120

Delta R.T. 0.08 min

Lab File: BF095061.D

Acq: 10 May 2017 17:58

Tgt Ion: 70 Resp: 806826

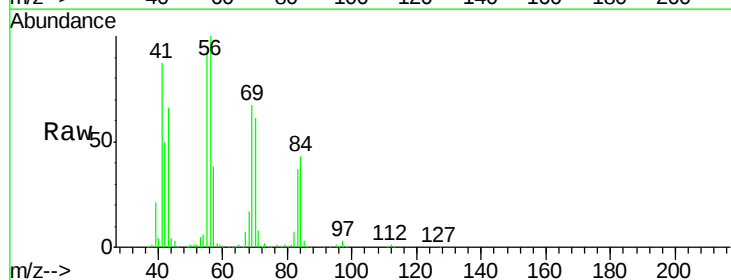
Ion Ratio Lower Upper

70 100

42 81.6 47.2 70.8#

101 0.0 7.2 10.8#

130 0.0 15.9 23.9#

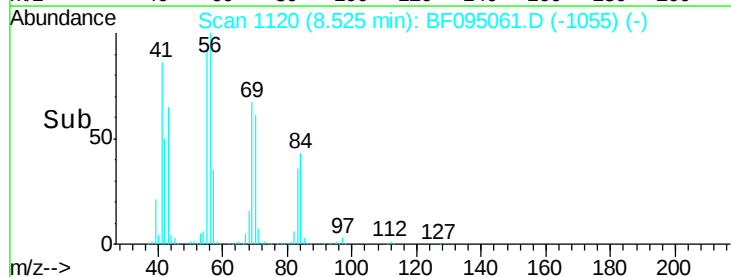
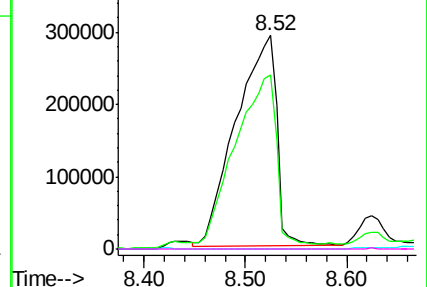


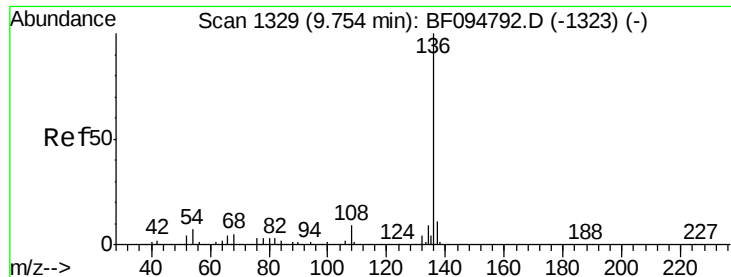
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

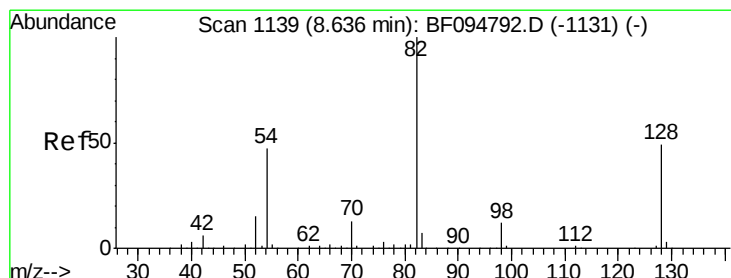
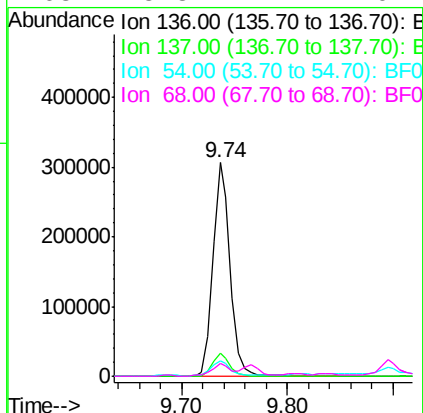
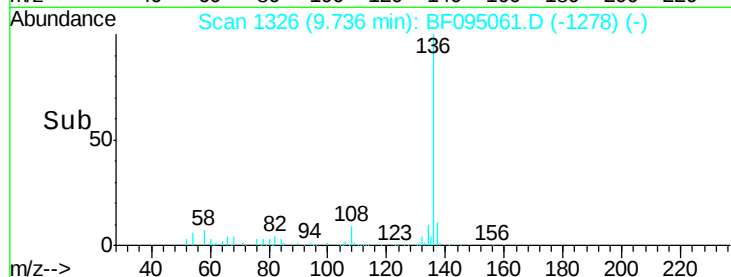
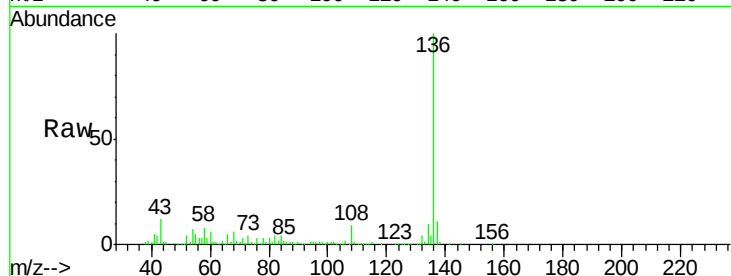




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.74 min Scan# 1326
Delta R.T. -0.02 min
Lab File: BF095061.D
Acq: 10 May 2017 17:58

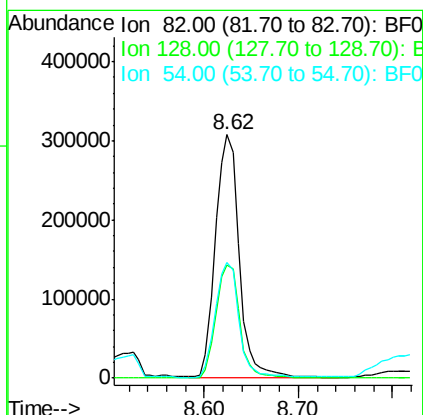
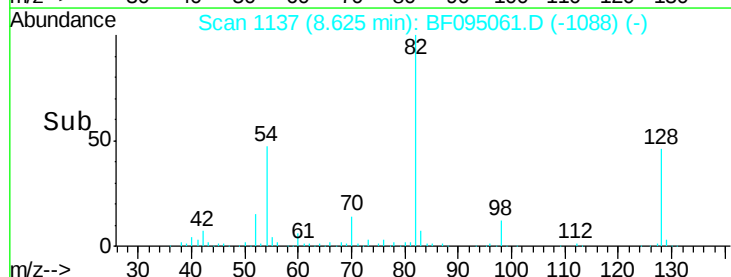
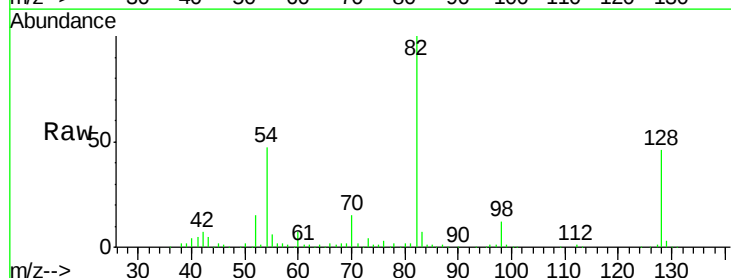
Instrument :
BNA_F
ClientSampleId :
EFF-WW

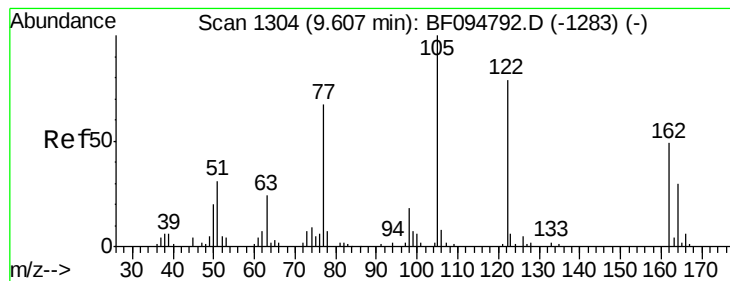
Tgt Ion:	136	Resp:	351580
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	7.0	4.9	7.3
68	5.8	4.1	6.1



#23
Nitrobenzene-d5
Concen: 97.25 ng
RT: 8.62 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BF095061.D
Acq: 10 May 2017 17:58

Tgt Ion:	82	Resp:	542222
Ion	Ratio	Lower	Upper
82	100		
128	46.3	34.0	51.0
54	47.4	42.2	63.2





#32

Benzoic acid

Concen: 5.30 ng

RT: 9.55 min Scan# 1294

Delta R.T. -0.06 min

Lab File: BF095061.D

Acq: 10 May 2017 17:58

Instrument :

BNA_F

ClientSampleId :

EFF-WW

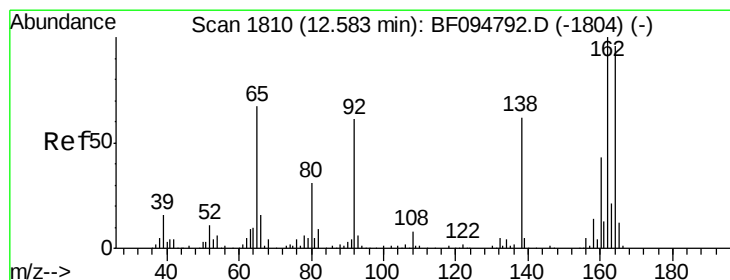
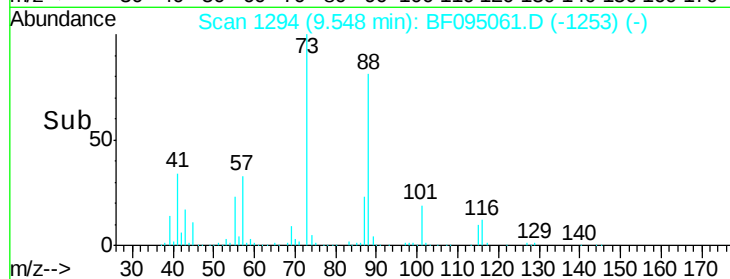
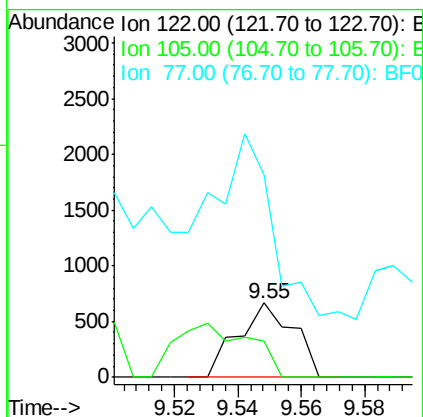
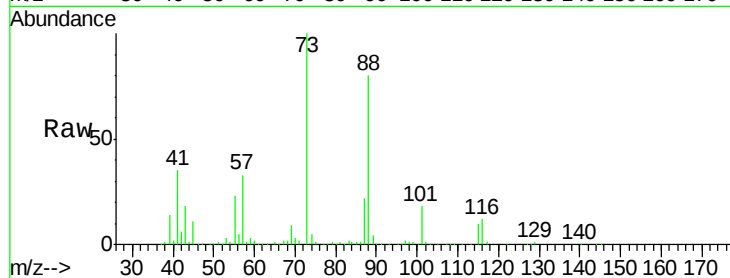
Tgt Ion:122 Resp: 809

Ion Ratio Lower Upper

122 100

105 48.6 103.3 143.3#

77 271.7 73.7 113.7#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.56 min Scan# 1806

Delta R.T. -0.02 min

Lab File: BF095061.D

Acq: 10 May 2017 17:58

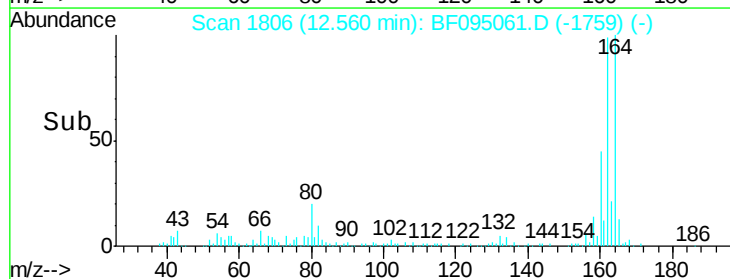
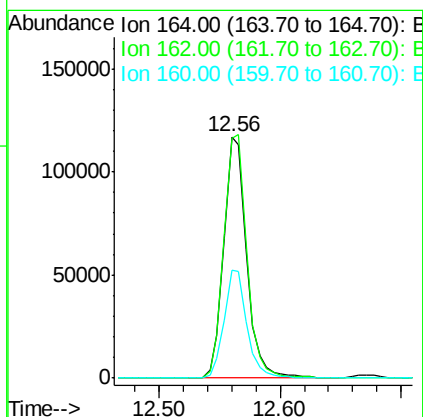
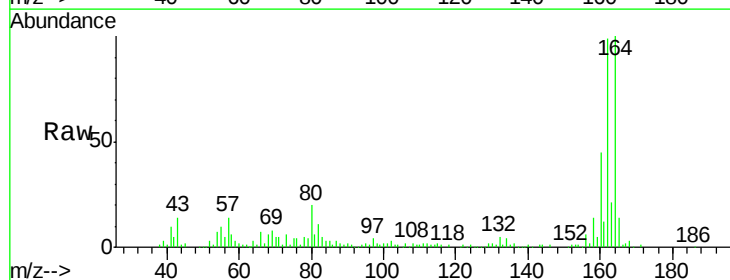
Tgt Ion:164 Resp: 153905

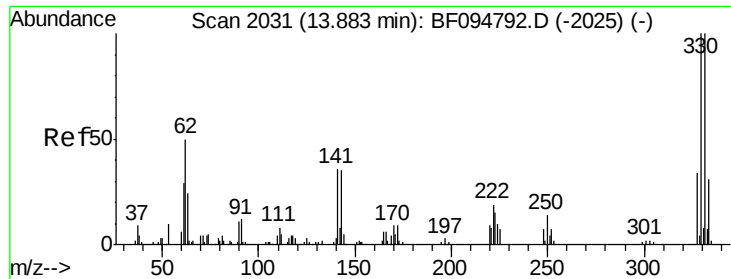
Ion Ratio Lower Upper

164 100

162 99.2 82.6 123.8

160 44.8 36.2 54.2

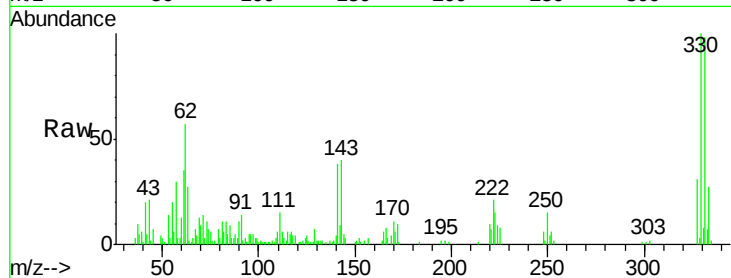




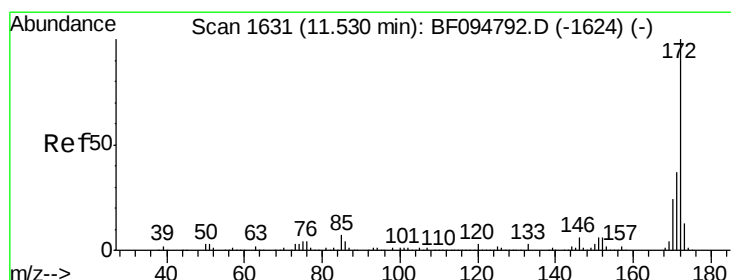
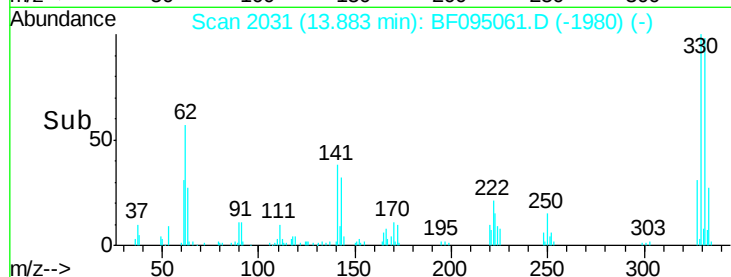
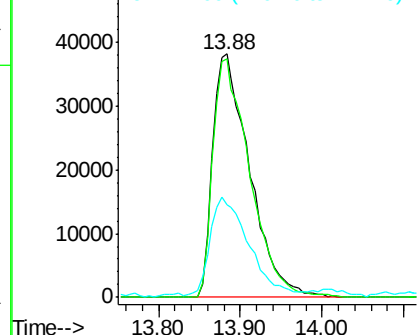
#41
 2,4,6-Tribromophenol
 Concen: 95.35 ng
 RT: 13.88 min Scan# 2031
 Delta R.T. -0.00 min
 Lab File: BF095061.D
 Acq: 10 May 2017 17:58

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW

Tgt Ion:330 Resp: 120180
 Ion Ratio Lower Upper
 330 100
 332 97.9 76.6 115.0
 141 41.9 31.4 47.2

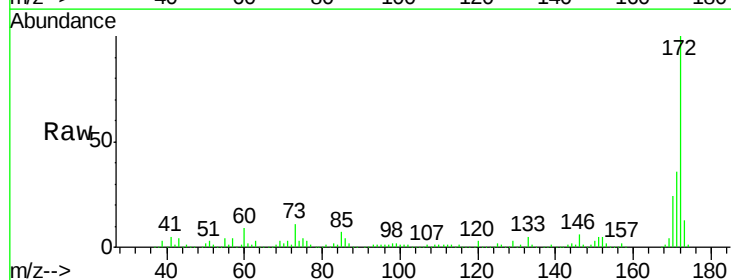


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

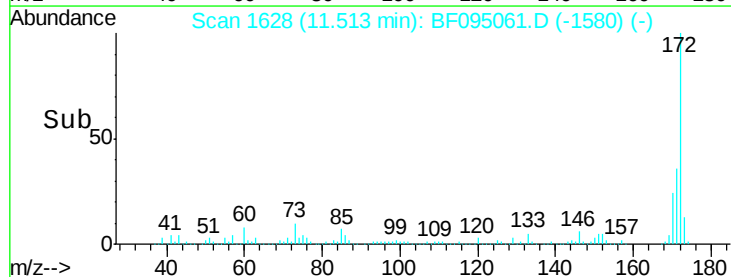
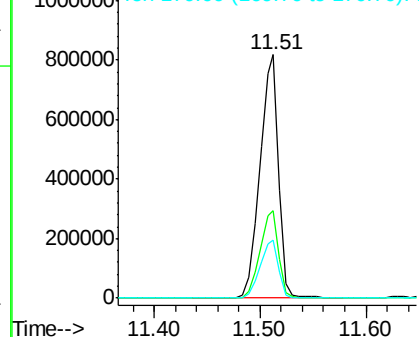


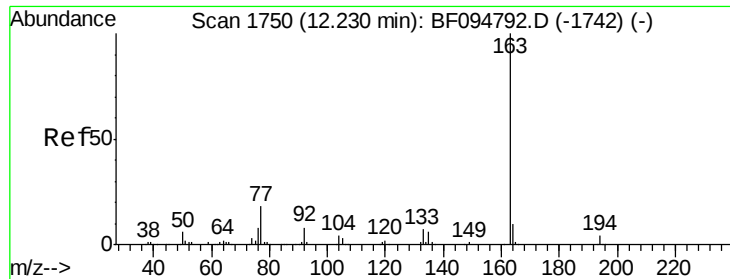
#44
 2-Fluorobiphenyl
 Concen: 94.87 ng
 RT: 11.51 min Scan# 1628
 Delta R.T. -0.02 min
 Lab File: BF095061.D
 Acq: 10 May 2017 17:58

Tgt Ion:172 Resp: 1014416
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.6 44.4
 170 23.8 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





#49

Dimethylphthalate

Concen: 10.94 ng

RT: 12.21 min Scan# 1746

Delta R.T. -0.02 min

Lab File: BF095061.D

Acq: 10 May 2017 17:58

Instrument :

BNA_F

ClientSampleId :

EFF-WW

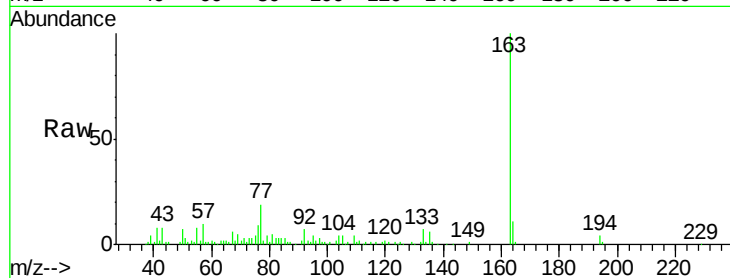
Tgt Ion:163 Resp: 138236

Ion Ratio Lower Upper

163 100

194 4.1 2.6 4.0#

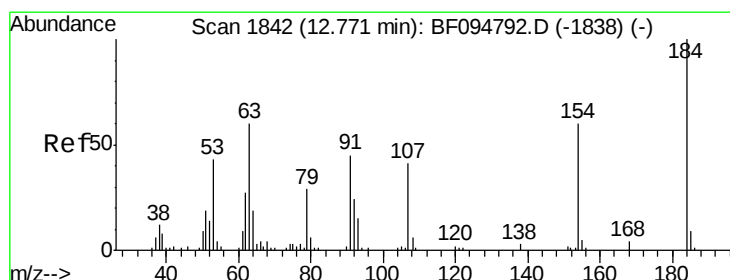
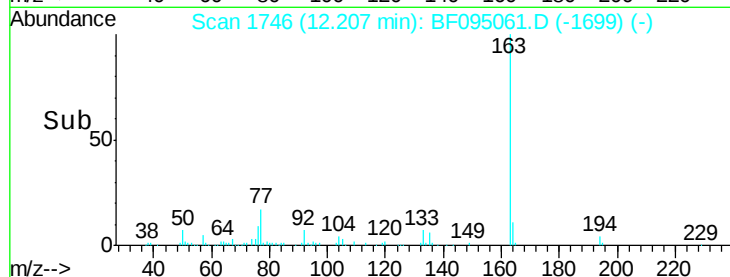
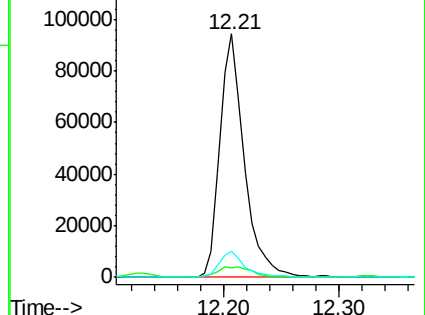
164 10.6 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#53

2,4-Dinitrophenol

Concen: 6.32 ng

RT: 12.61 min Scan# 1814

Delta R.T. -0.16 min

Lab File: BF095061.D

Acq: 10 May 2017 17:58

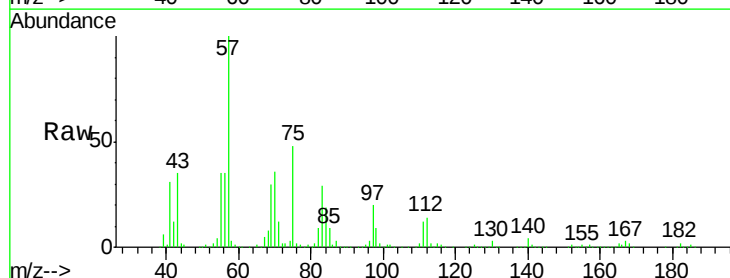
Tgt Ion:184 Resp: 115

Ion Ratio Lower Upper

184 100

63 271.7 62.7 94.1#

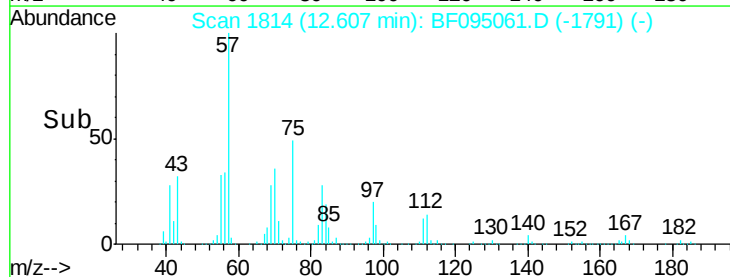
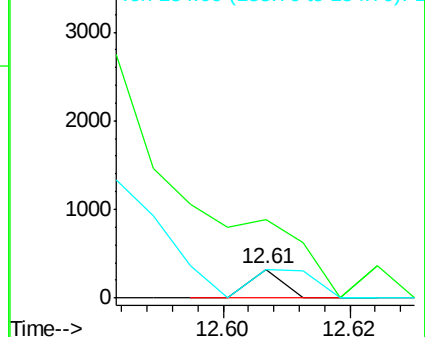
154 97.8 81.1 121.7

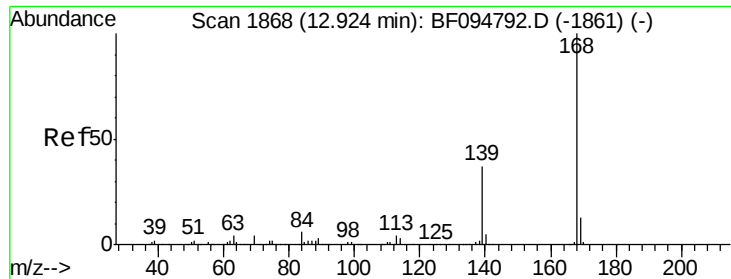


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzenofuran

Concen: 4.06 ng

RT: 12.67 min Scan# 1825

Delta R.T. -0.25 min

Lab File: BF095061.D

Acq: 10 May 2017 17:58

Instrument :

BNA_F

ClientSampleId :

EFF-WW

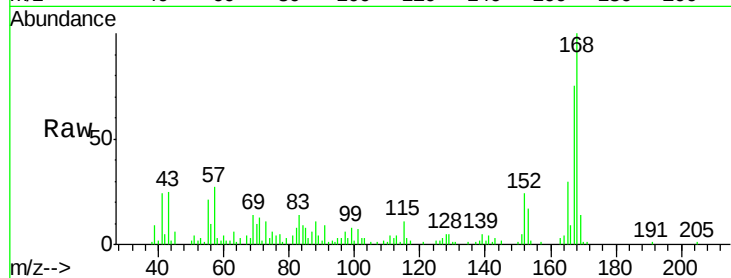
Tgt Ion:168 Resp: 54966

Ion Ratio Lower Upper

168 100

139 4.9 30.6 45.8#

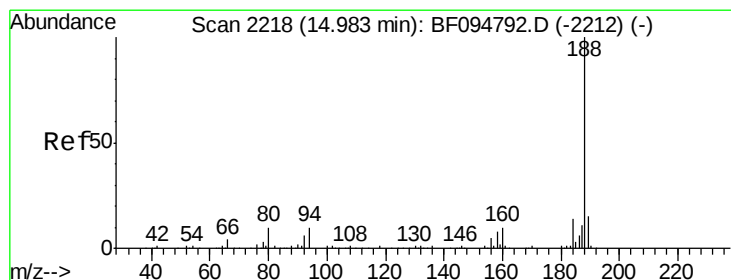
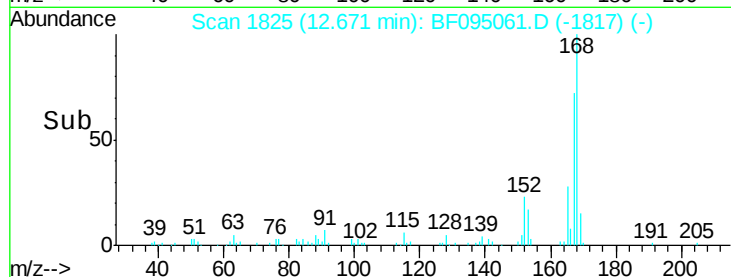
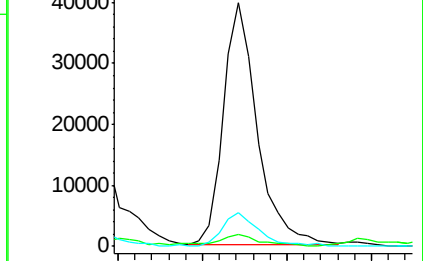
169 14.0 10.8 16.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 14.98 min Scan# 2217

Delta R.T. -0.01 min

Lab File: BF095061.D

Acq: 10 May 2017 17:58

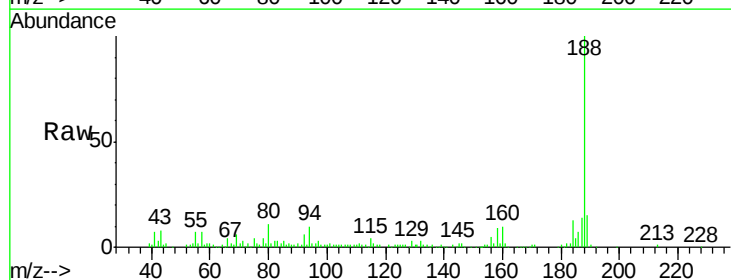
Tgt Ion:188 Resp: 239273

Ion Ratio Lower Upper

188 100

94 9.6 9.4 14.2

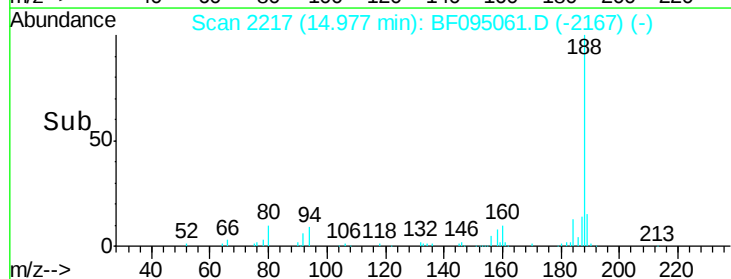
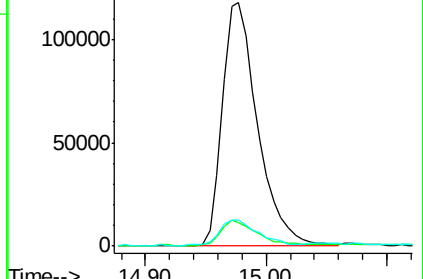
80 10.8 10.2 15.2

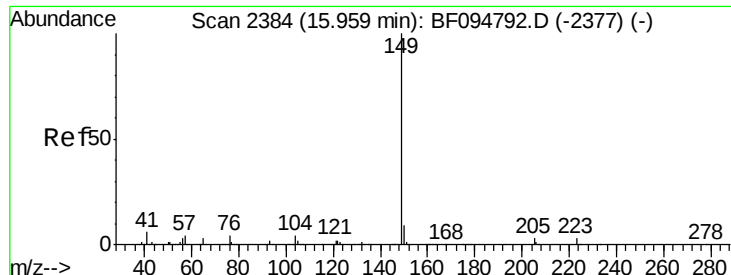


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

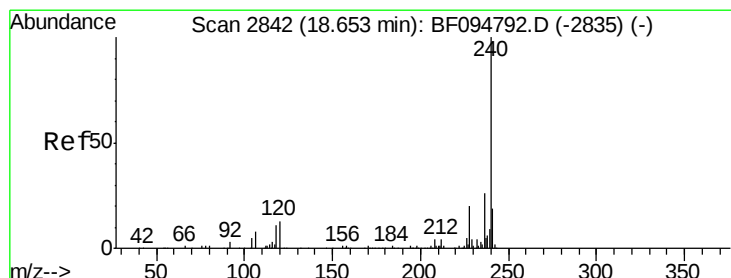
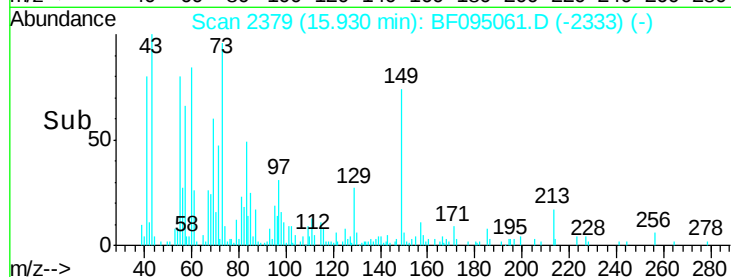
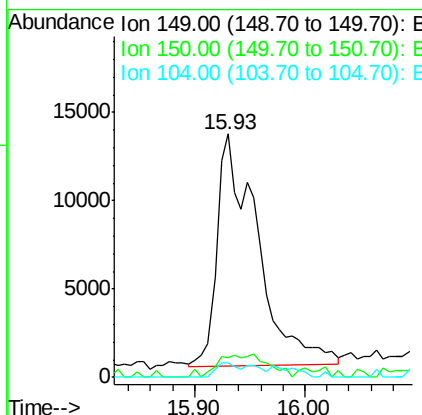
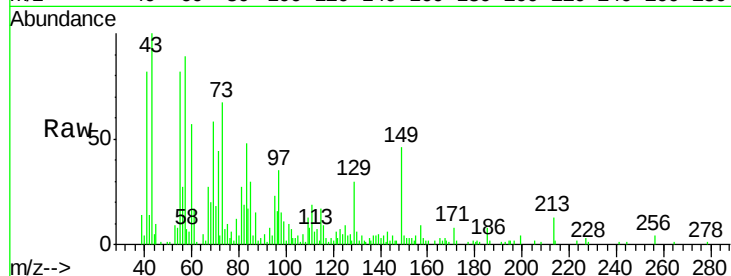




#73
Di-n-butylphthalate
Concen: 2.13 ng
RT: 15.93 min Scan# 2379
Delta R.T. -0.03 min
Lab File: BF095061.D
Acq: 10 May 2017 17:58

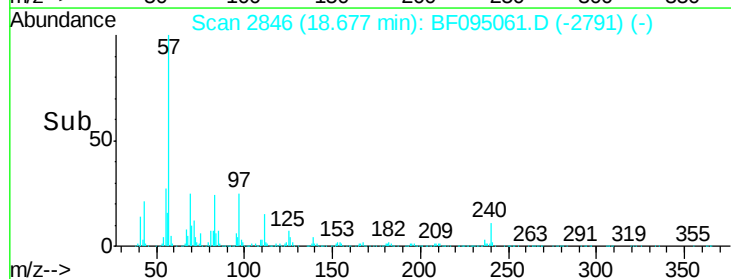
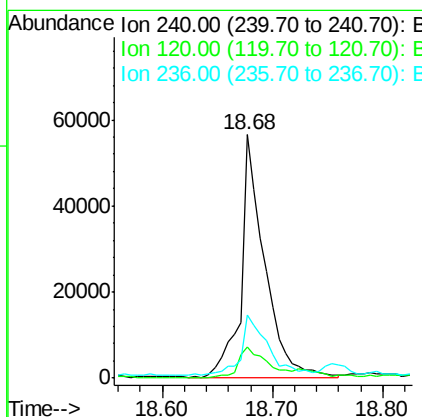
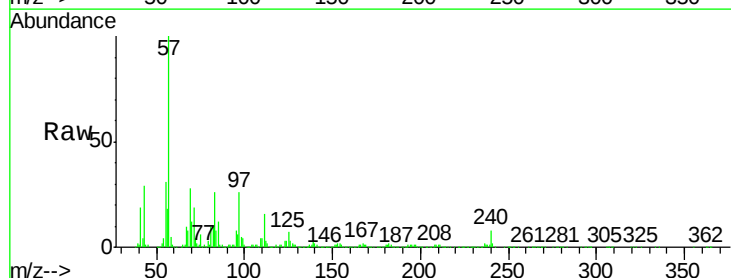
Instrument :
BNA_F
ClientSampleId :
EFF-WW

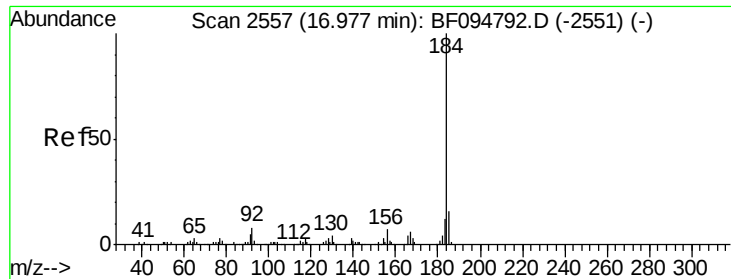
Tgt Ion:149 Resp: 33899
Ion Ratio Lower Upper
149 100
150 8.2 7.7 11.5
104 6.0 4.0 6.0#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.68 min Scan# 2846
Delta R.T. 0.02 min
Lab File: BF095061.D
Acq: 10 May 2017 17:58

Tgt Ion:240 Resp: 85656
Ion Ratio Lower Upper
240 100
120 12.5 5.8 8.8#
236 25.9 20.5 30.7





#76

Benzidine

Concen: 6.74 ng

RT: 16.99 min Scan# 2560

Delta R.T. 0.02 min

Lab File: BF095061.D

Acq: 10 May 2017 17:58

Instrument :

BNA_F

ClientSampleId :

EFF-WW

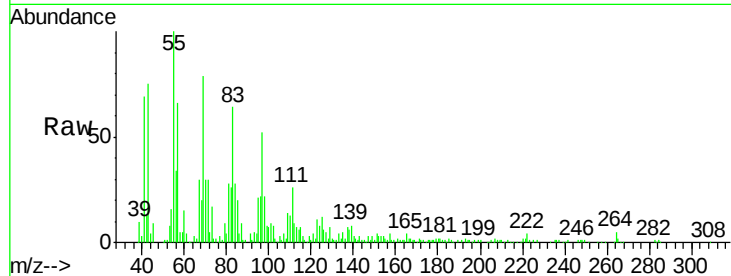
Tgt Ion:184 Resp: 403

Ion Ratio Lower Upper

184 100

185 605.3 15.5 23.3#

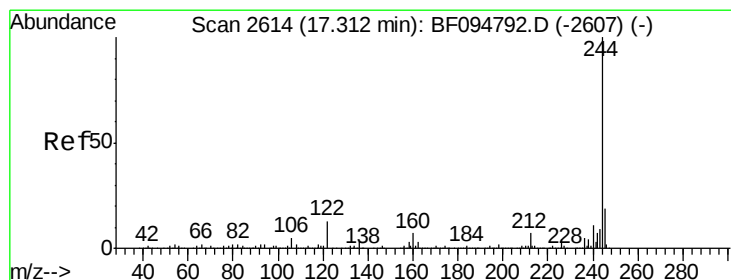
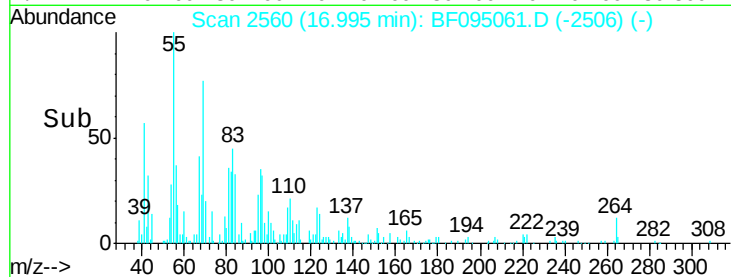
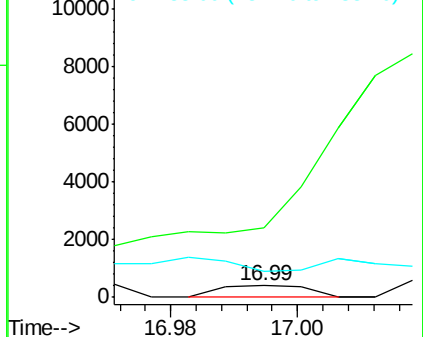
183 226.0 9.8 14.6#



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



#78

Terphenyl-d14

Concen: 172.54 ng

RT: 17.30 min Scan# 2612

Delta R.T. -0.01 min

Lab File: BF095061.D

Acq: 10 May 2017 17:58

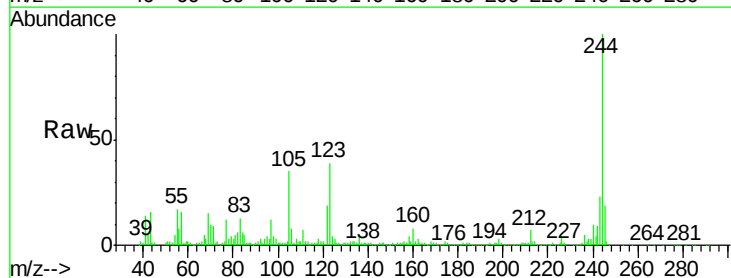
Tgt Ion:244 Resp: 670993

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

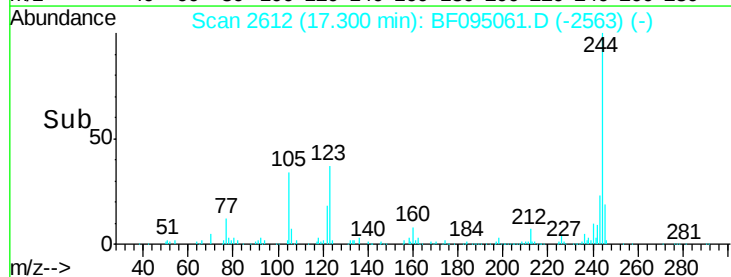
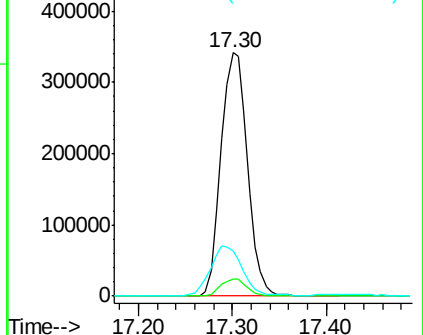
122 18.6 10.3 15.5#

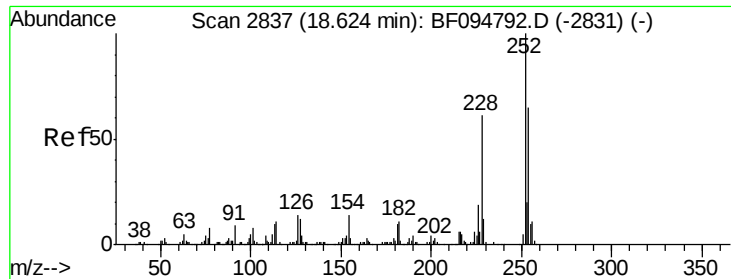


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

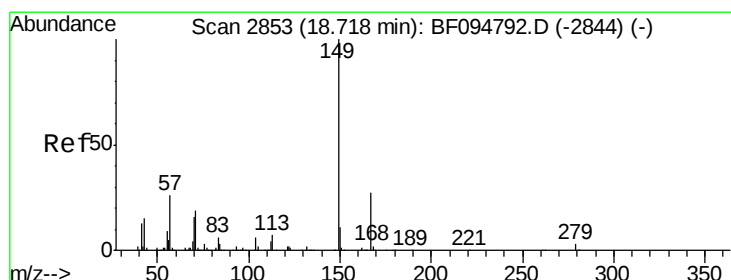
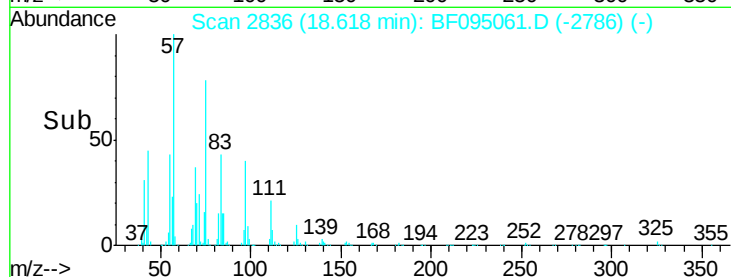
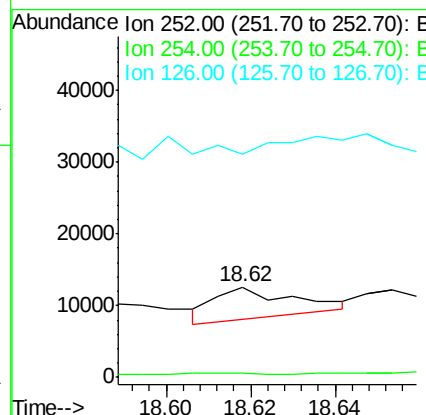
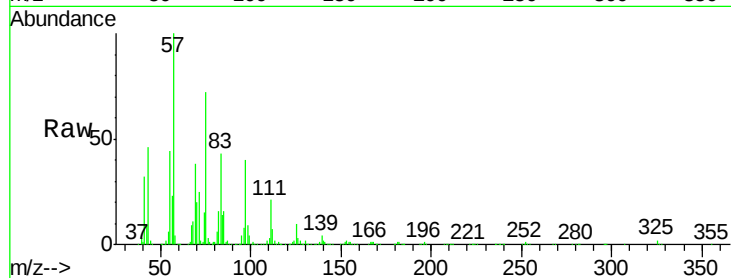




#81
 3,3'-Dichlorobenzidine
 Concen: 3.40 ng
 RT: 18.62 min Scan# 2836
 Delta R.T. -0.01 min
 Lab File: BF095061.D
 Acq: 10 May 2017 17:58

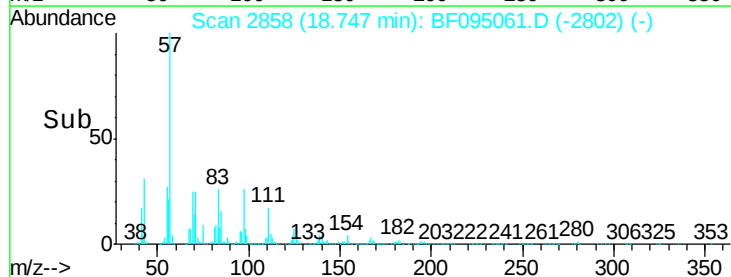
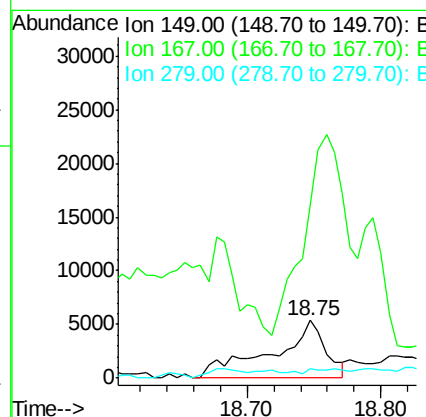
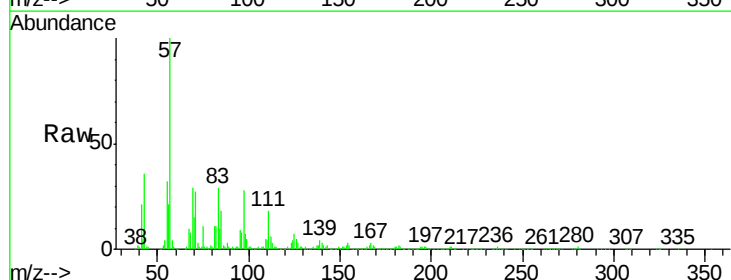
Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW

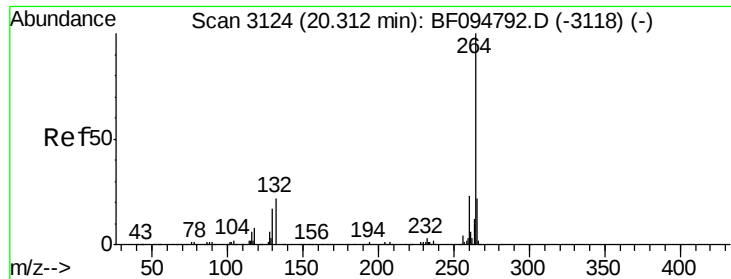
Tgt Ion:252 Resp: 5856
 Ion Ratio Lower Upper
 252 100
 254 4.5 51.5 77.3#
 126 245.8 15.8 23.8#



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 3.50 ng
 RT: 18.75 min Scan# 2858
 Delta R.T. 0.03 min
 Lab File: BF095061.D
 Acq: 10 May 2017 17:58

Tgt Ion:149 Resp: 14871
 Ion Ratio Lower Upper
 149 100
 167 299.6 21.0 31.4#
 279 16.1 1.9 2.9#

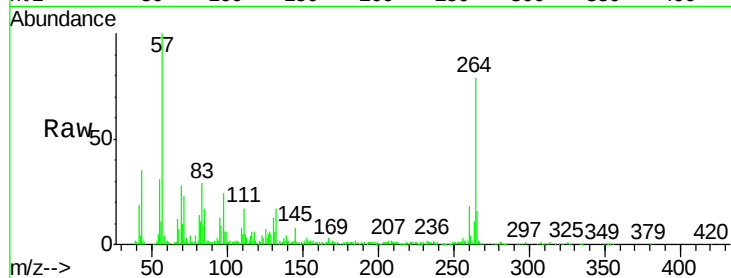




#86
Perylene-d12
Concen: 20.00 ng
RT: 20.34 min Scan# 3128
Delta R.T. 0.02 min
Lab File: BF095061.D
Acq: 10 May 2017 17:58

Instrument :
BNA_F
ClientSampleId :
EFF-WW

Tgt Ion:264 Resp: 172881
Ion Ratio Lower Upper
264 100
260 23.0 19.5 29.3
265 20.9 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

