

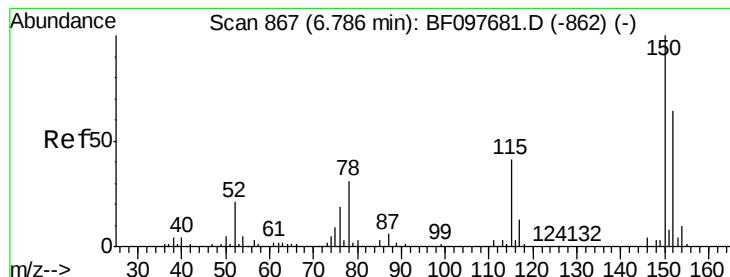
Data Path : Z:\HPCHEM1\BNA F\DATA\BF081817\
 Data File : BF097857.D
 Acq On : 19 Aug 2017 2:43
 Operator : SJ/JU
 Sample : I4814-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WHITE-TWP-COMPOST

Quant Time: Aug 19 03:11:04 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 15 13:25:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	127138	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	506271	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	215512	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	364858	20.00	ng	-0.01
75) Chrysene-d12	13.93	240	296045	20.00	ng	-0.01
86) Perylene-d12	15.36	264	250579	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	940294	112.50	ng	0.00
7) Phenol-d6	6.41	99	1283137	112.98	ng	0.00
23) Nitrobenzene-d5	7.34	82	805228	86.40	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	202914	108.51	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	1066330	72.69	ng	-0.01
78) Terphenyl-d14	12.88	244	721573	50.83	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.34	70	110786	14.25	ng	# 71
25) Isophorone	7.34	82	799309	41.25	ng	# 67
32) Benzoic acid	7.75	122	1742	6.66	ng	91
49) Dimethylphthalate	9.53	163	173840	11.04	ng	99
56) 2,4-Dinitrotoluene	9.80	165	27481	6.96	ng	# 34
64) 4,6-Dinitro-2-methylphenol	10.59	198	489	8.56	ng	# 1
66) 4-Bromophenyl-phenylether	10.60	248	13617	3.59	ng	# 1
74) Fluoranthene	12.50	202	99460	4.90	ng	99
77) Pyrene	12.73	202	94012	3.88	ng	98
80) Benzo(a)anthracene	13.92	228	71774	4.05	ng	95
82) Chrysene	13.95	228	103839	5.88	ng	99
85) Indeno(1,2,3-cd)pyrene	16.76	276	54951	4.23	ng	# 91
87) Benzo(b)fluoranthene	14.94	252	207713	13.15	ng	# 95
88) Benzo(k)fluoranthene	14.94	252	207713	14.00	ng	99
89) Benzo(a)pyrene	15.30	252	83732	5.99	ng	# 93
91) Benzo(g,h,i)perylene	17.19	276	49858	4.20	ng	94

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

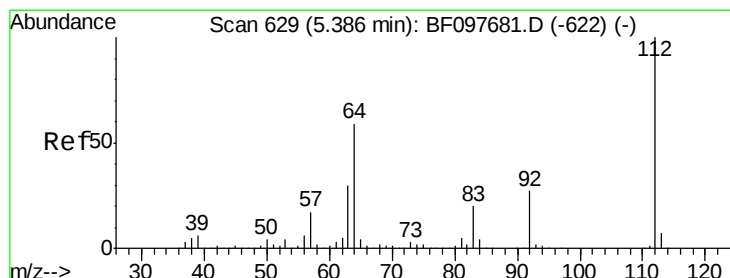
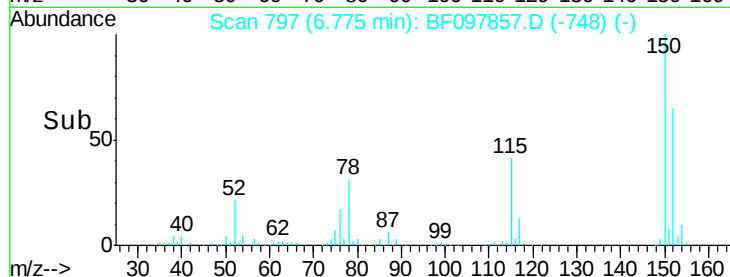
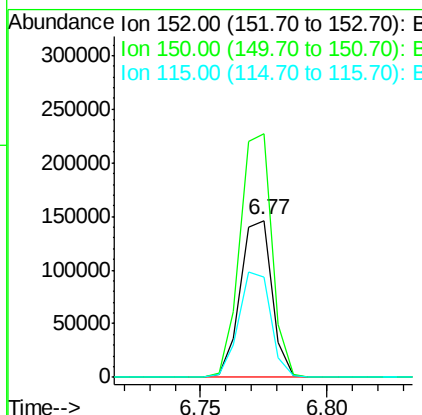
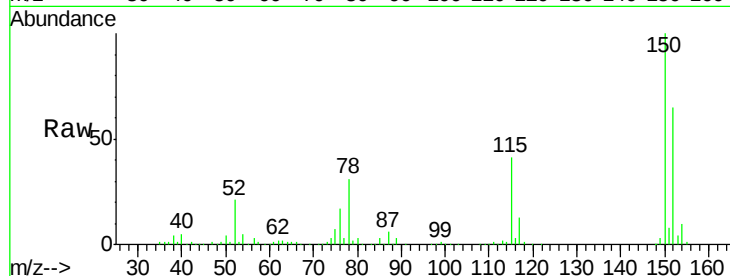


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.77 min Scan# 797
 Delta R.T. -0.01 min
 Lab File: BF097857.D
 Acq: 19 Aug 2017 2:43

Instrument :
 BNA_F
 ClientSampleId :
 WHITE-TWP-COMPOST

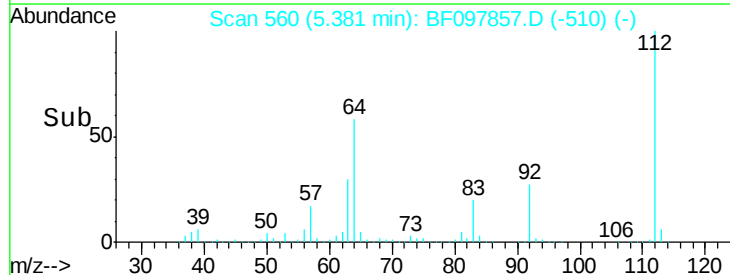
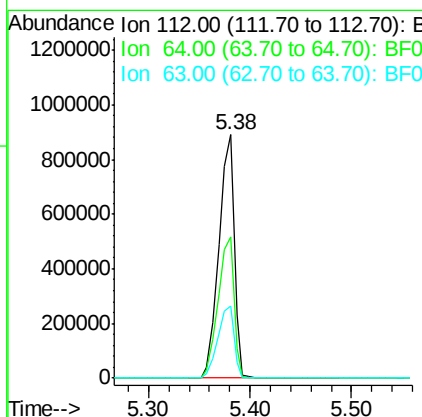
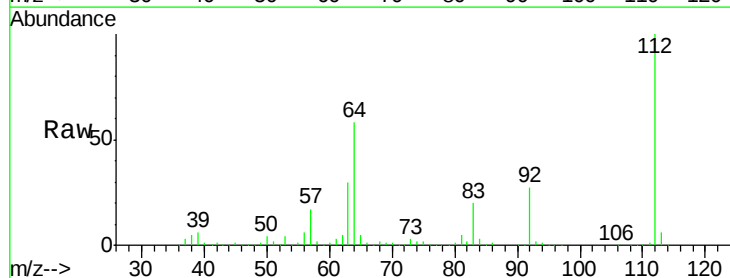
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	126.2	189.2
115	63.6	52.2	78.2

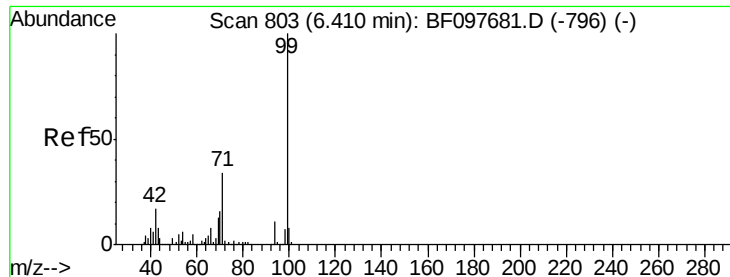


#5

2-Fluorophenol
 Concen: 112.50 ng
 RT: 5.38 min Scan# 560
 Delta R.T. -0.01 min
 Lab File: BF097857.D
 Acq: 19 Aug 2017 2:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.8	46.0	69.0
63	29.7	23.4	35.0





#7

Phenol-d6

Concen: 112.98 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF097857.D

Acq: 19 Aug 2017 2:43

Instrument :

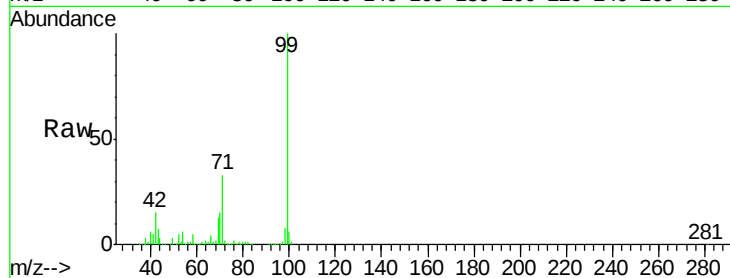
BNA_F

ClientSampleId :

WHITE-TWP-COMPOST

Tot Ion: 99 Resp: 1283137

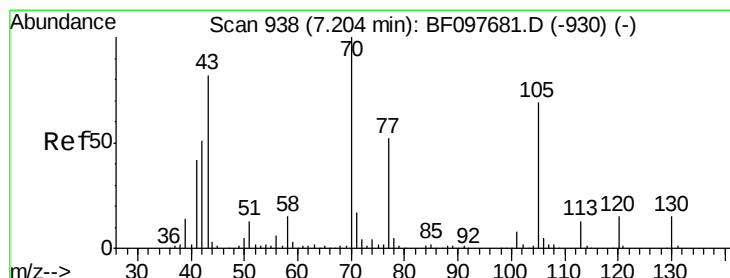
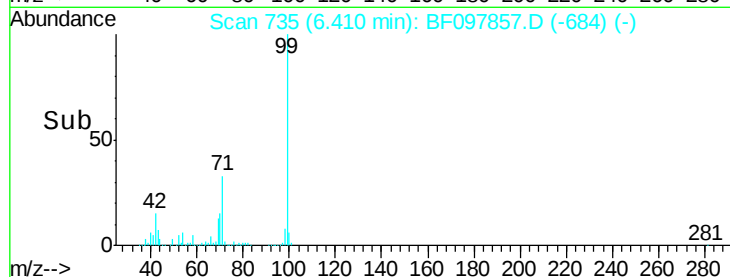
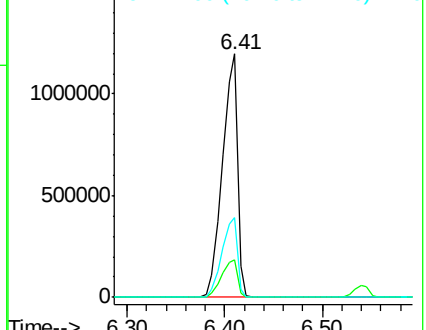
Ion	Ratio	Lower	Upper
99	100		
42	15.3	13.5	20.3
71	32.8	24.5	36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 14.25 ng

RT: 7.34 min Scan# 893

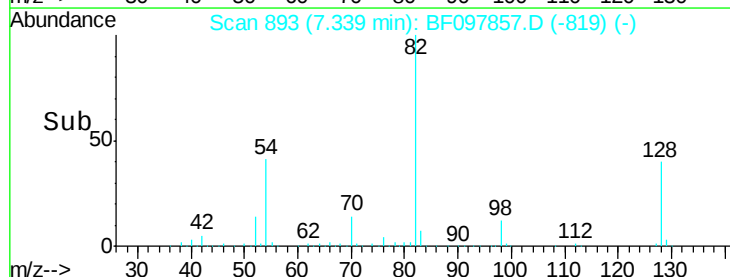
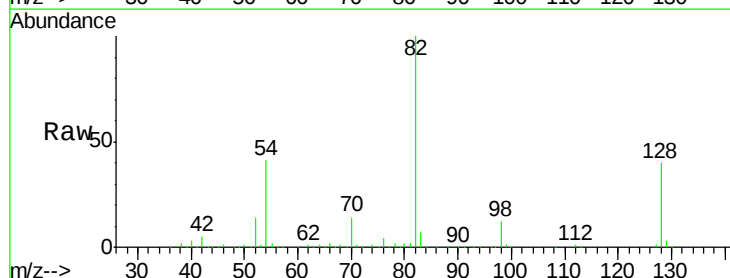
Delta R.T. 0.14 min

Lab File: BF097857.D

Acq: 19 Aug 2017 2:43

Tgt Ion: 70 Resp: 110786

Ion	Ratio	Lower	Upper
70	100		
42	39.9	47.2	70.8#
101	0.0	7.2	10.8#
130	1.9	15.9	23.9#

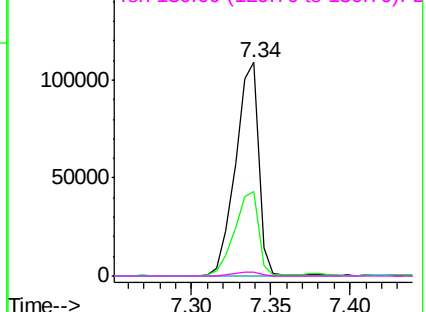


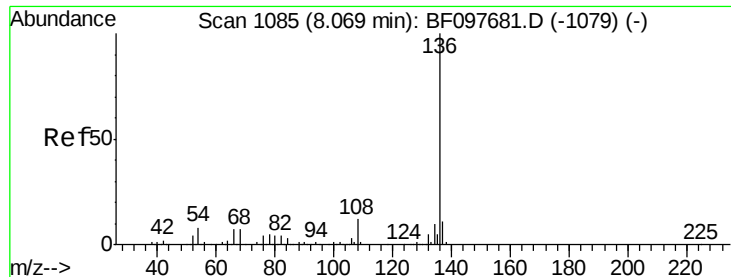
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 8.06 min Scan# 1015

Delta R.T. -0.01 min

Lab File: BF097857.D

Acq: 19 Aug 2017 2:43

Instrument :

BNA_F

ClientSampleId :

WHITE-TWP-COMPOST

Tot Ion:136 Resp: 506271

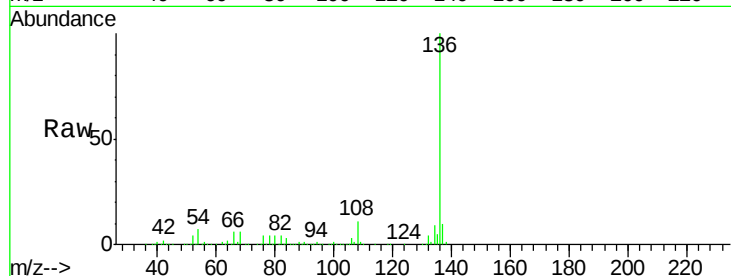
Ion Ratio Lower Upper

136 100

137 10.5 8.5 12.7

54 7.1 4.9 7.3

68 6.4 4.1 6.1#

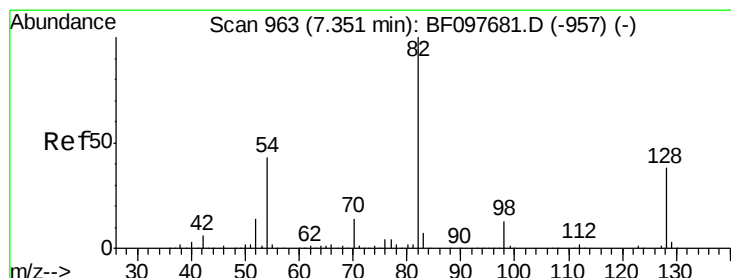
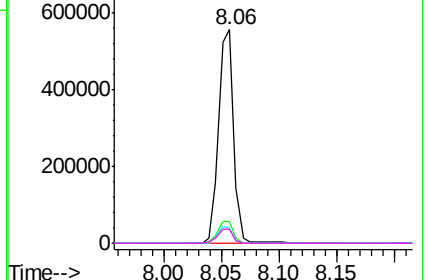
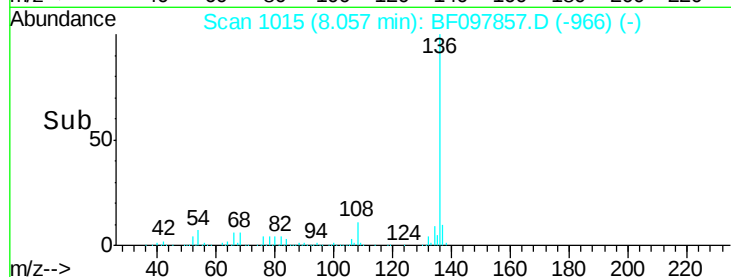


Abundance Ion 136.00 (135.70 to 136.70): E

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: 86.40 ng

RT: 7.34 min Scan# 893

Delta R.T. -0.01 min

Lab File: BF097857.D

Acq: 19 Aug 2017 2:43

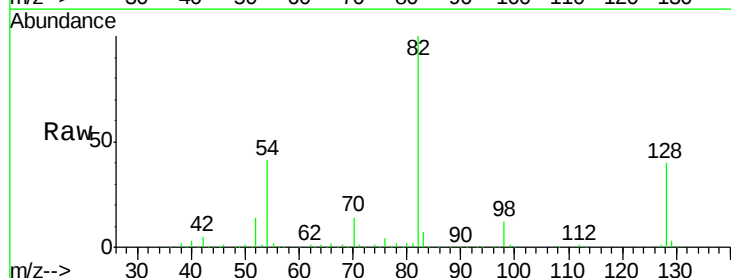
Tgt Ion: 82 Resp: 805228

Ion Ratio Lower Upper

82 100

128 40.5 34.0 51.0

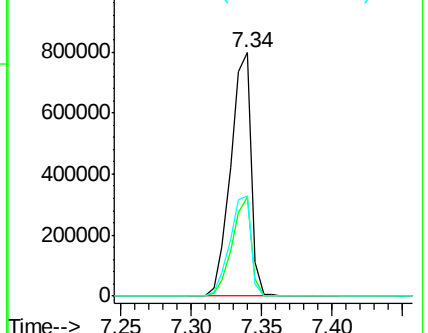
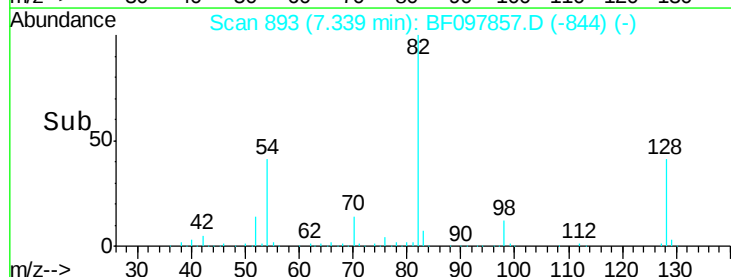
54 41.2 42.2 63.2#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 41.25 ng

RT: 7.34 min Scan# 893

Delta R.T. -0.27 min

Lab File: BF097857.D

Acq: 19 Aug 2017 2:43

Instrument :

BNA_F

ClientSampleId :

WHITE-TWP-COMPOST

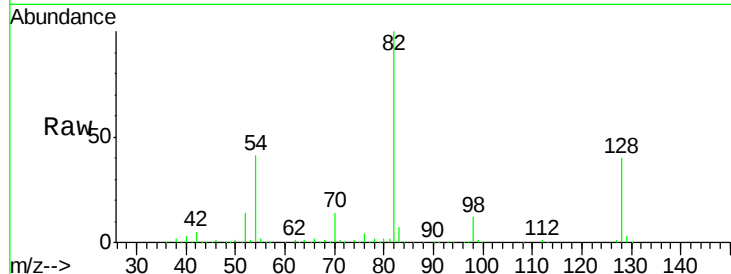
Tot Ion: 82 Resp: 799309

Ion Ratio Lower Upper

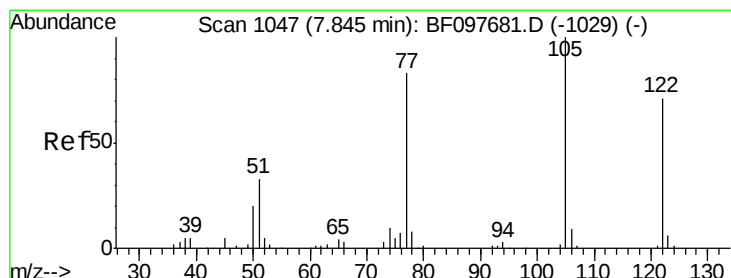
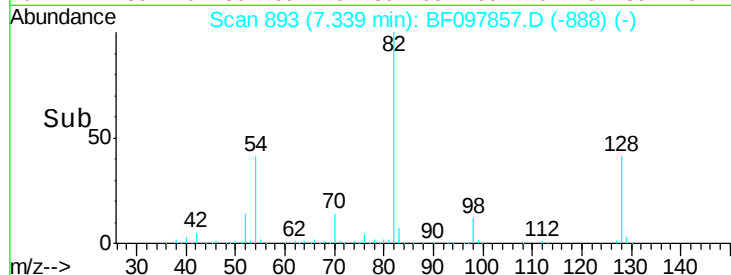
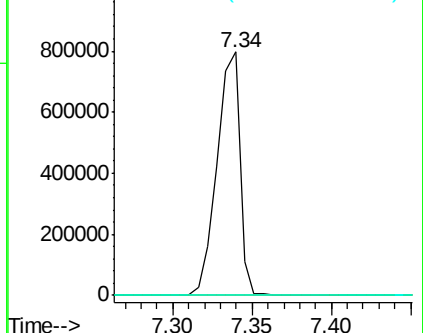
82 100

95 0.0 5.3 7.9#

138 0.0 13.1 19.7#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#32

Benzoic acid

Concen: 6.66 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.10 min

Lab File: BF097857.D

Acq: 19 Aug 2017 2:43

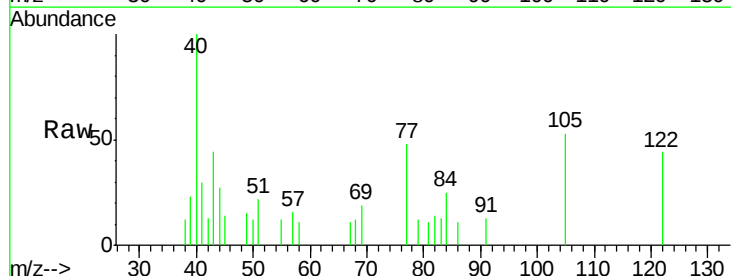
Tgt Ion: 122 Resp: 1742

Ion Ratio Lower Upper

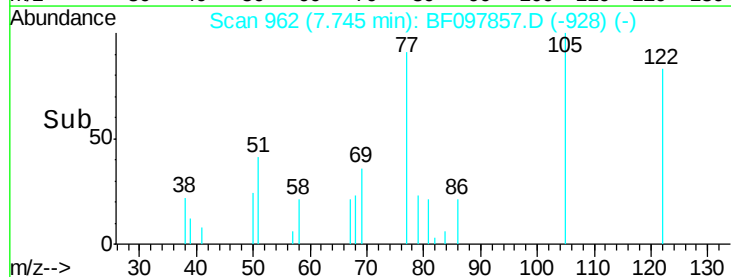
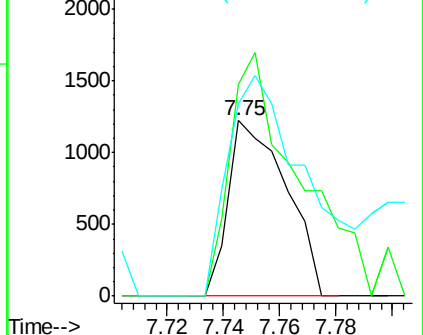
122 100

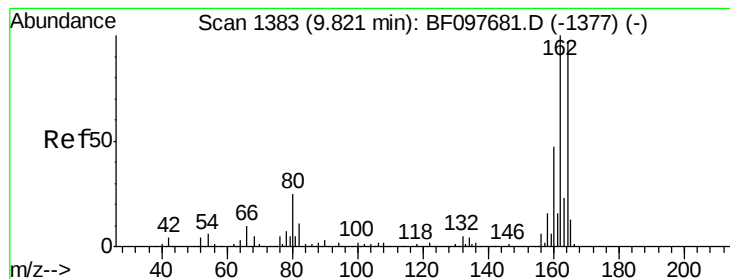
105 120.7 103.3 143.3

77 109.7 73.7 113.7



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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.81 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BF097857.D

Acq: 19 Aug 2017 2:43

Instrument :

BNA_F

ClientSampleId :

WHITE-TWP-COMPOST

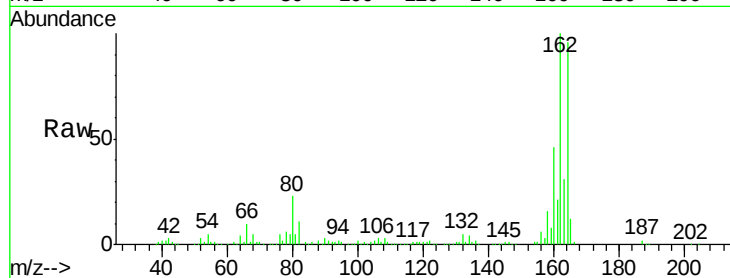
Tot Ion:164 Resp: 215512

Ion Ratio Lower Upper

164 100

162 103.9 82.6 123.8

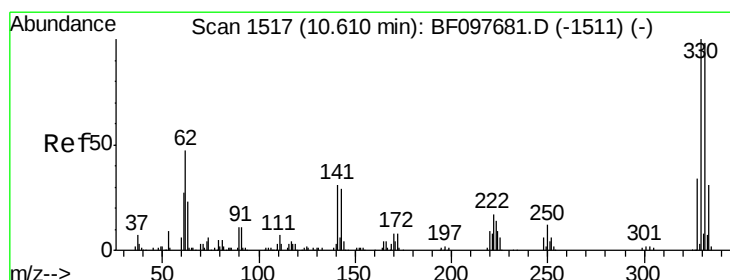
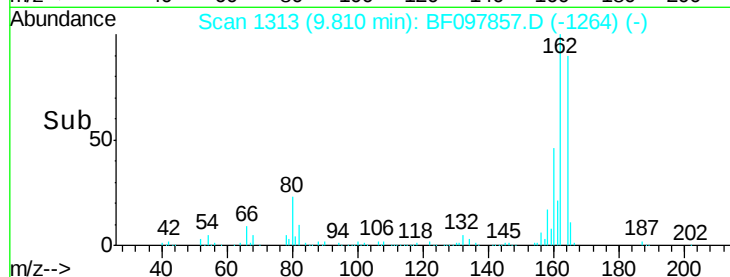
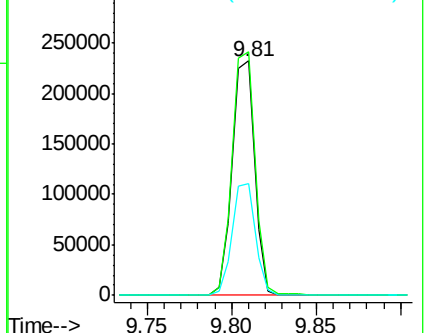
160 47.7 36.2 54.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 108.51 ng

RT: 10.60 min Scan# 1447

Delta R.T. -0.01 min

Lab File: BF097857.D

Acq: 19 Aug 2017 2:43

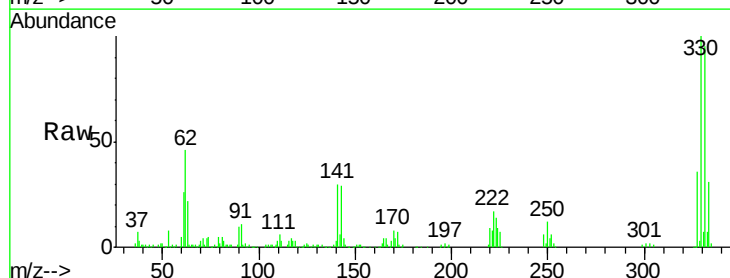
Tgt Ion:330 Resp: 202914

Ion Ratio Lower Upper

330 100

332 95.5 76.6 115.0

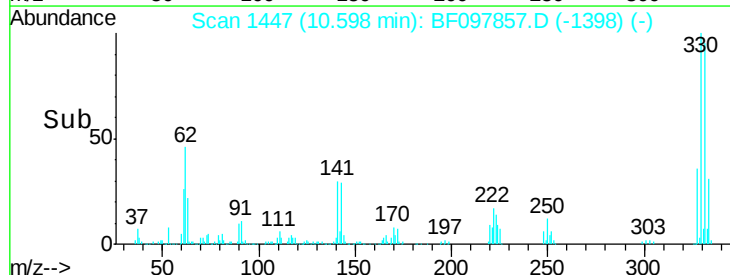
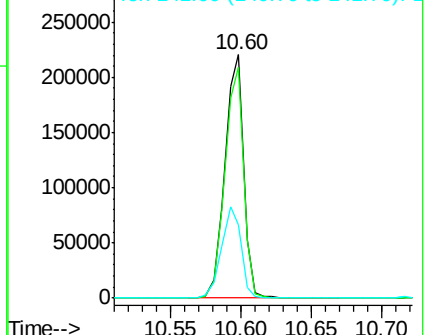
141 39.5 31.4 47.2

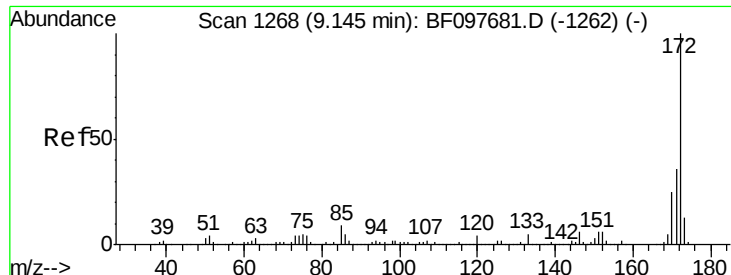


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



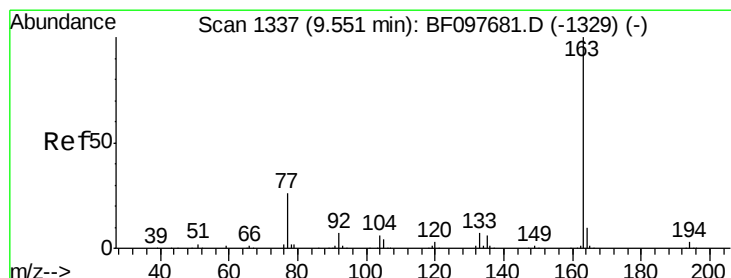
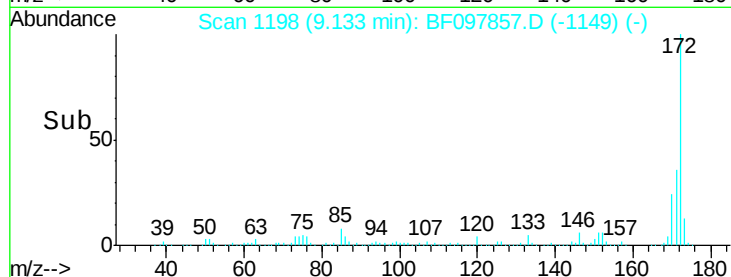
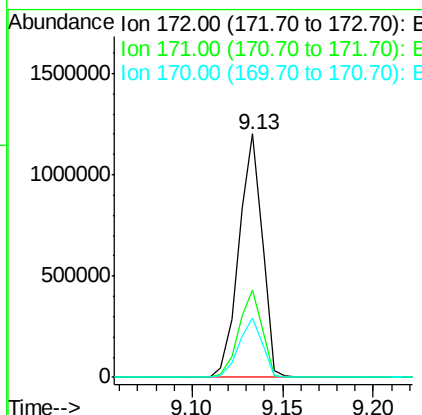
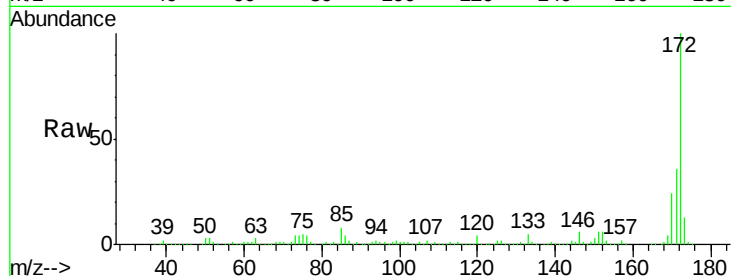


#44
 2-Fluorobiphenyl
 Concen: 72.69 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BF097857.D
 Acq: 19 Aug 2017 2:43

Instrument :
 BNA_F
 ClientSampleId :
 WHITE-TWP-COMPOST

Tot Ion:172 Resp: 1066330

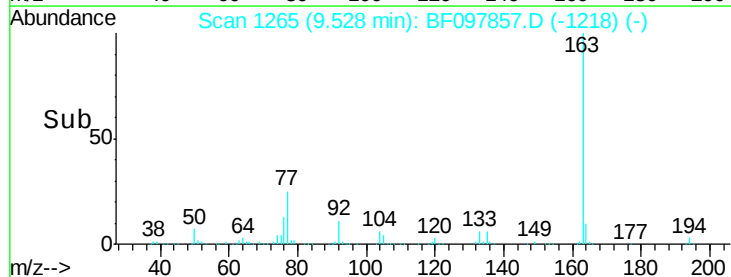
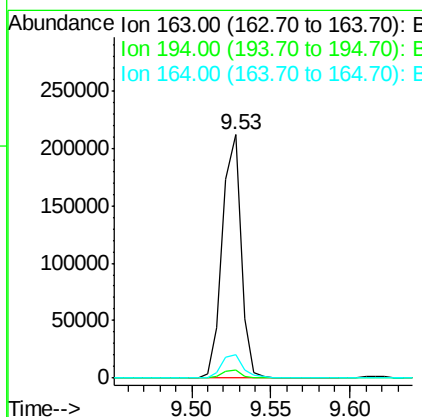
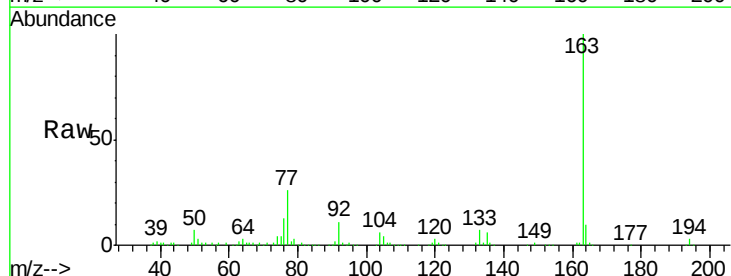
Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	24.5	19.8	29.8

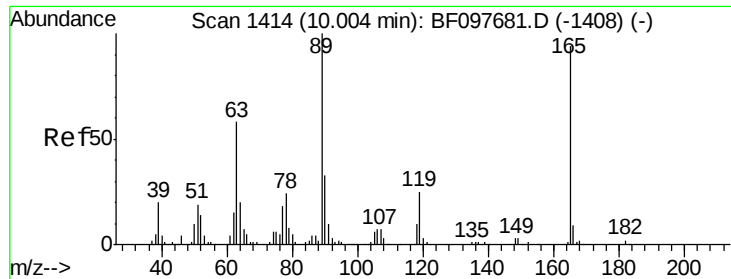


#49
 Dimethylphthalate
 Concen: 11.04 ng
 RT: 9.53 min Scan# 1265
 Delta R.T. -0.02 min
 Lab File: BF097857.D
 Acq: 19 Aug 2017 2:43

Tgt Ion:163 Resp: 173840

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	9.8	8.4	12.6

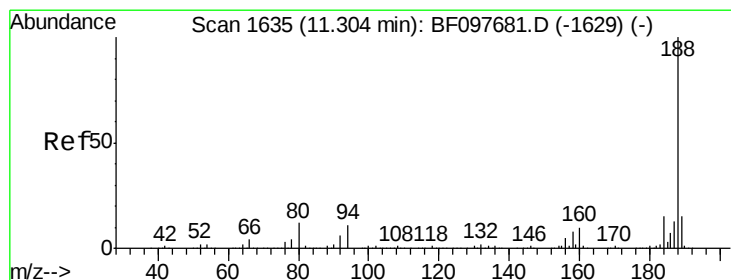
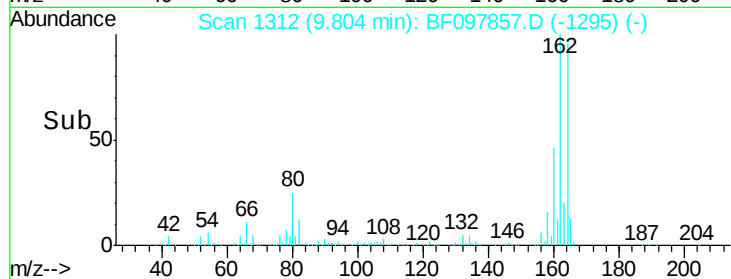
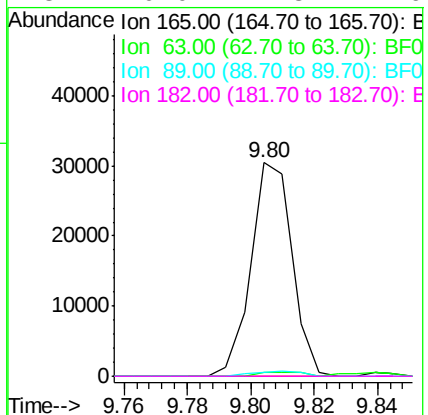
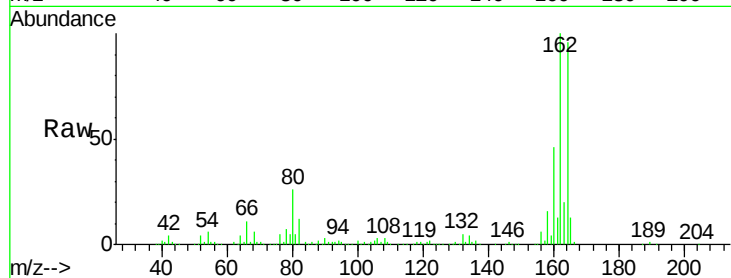




#56
 2,4-Dinitrotoluene
 Concen: 6.96 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. -0.20 min
 Lab File: BF097857.D
 Acq: 19 Aug 2017 2:43

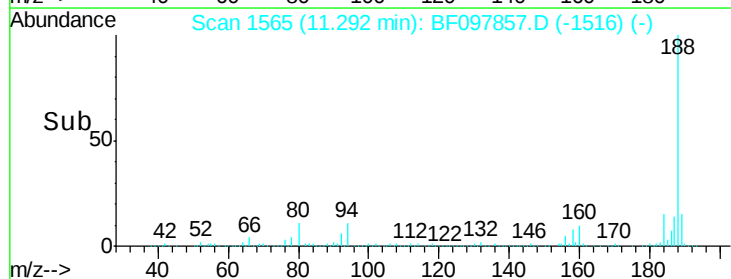
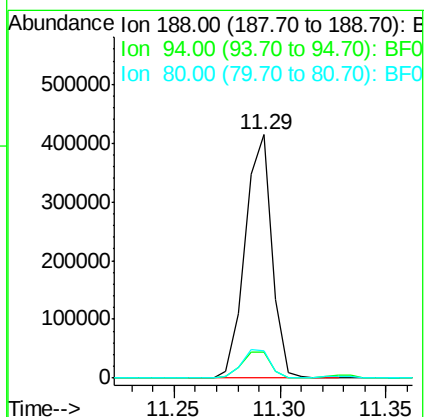
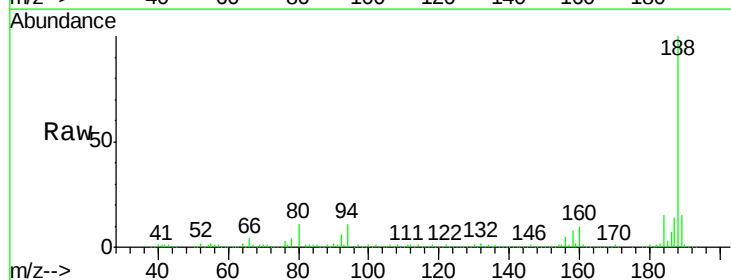
Instrument :
 BNA_F
 ClientSampleId :
 WHITE-TWP-COMPOST

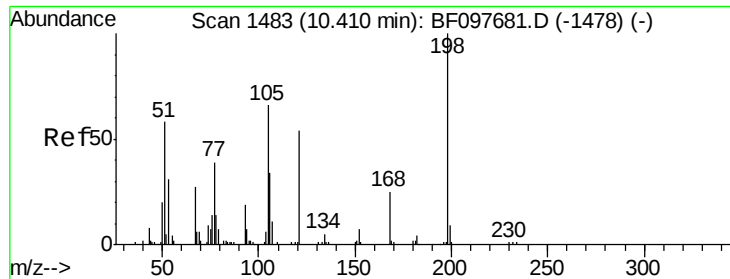
Tot Ion:165 Resp: 27481
 Ion Ratio Lower Upper
 165 100
 63 2.1 25.4 38.0#
 89 1.6 46.4 69.6#
 182 0.0 1.8 2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.29 min Scan# 1565
 Delta R.T. -0.01 min
 Lab File: BF097857.D
 Acq: 19 Aug 2017 2:43

Tgt Ion:188 Resp: 364858
 Ion Ratio Lower Upper
 188 100
 94 10.8 9.4 14.2
 80 11.4 10.2 15.2





#64

4,6-Dinitro-2-methylphenol

Concen: 8.56 ng

RT: 10.59 min Scan# 1446

Delta R.T. 0.18 min

Lab File: BF097857.D

Acq: 19 Aug 2017 2:43

Instrument :

BNA_F

ClientSampleId :

WHITE-TWP-COMPOST

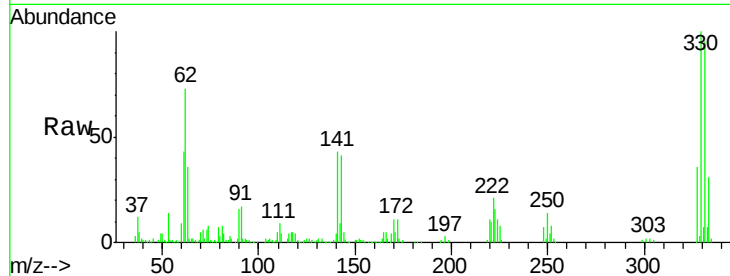
Tot Ion:198 Resp: 489

Ion Ratio Lower Upper

198 100

51 204.7 53.2 93.2#

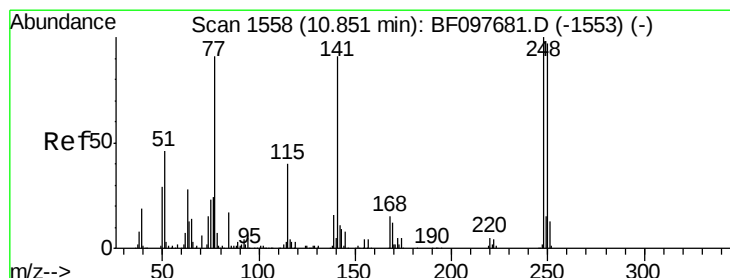
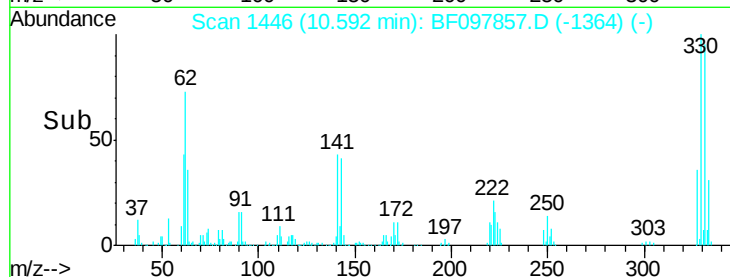
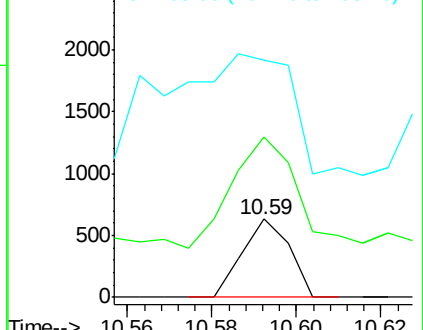
105 302.1 45.8 85.8#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#66

4-Bromophenyl-phenylether

Concen: 3.59 ng

RT: 10.60 min Scan# 1447

Delta R.T. -0.25 min

Lab File: BF097857.D

Acq: 19 Aug 2017 2:43

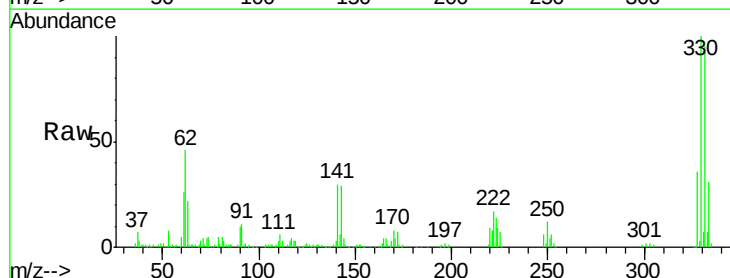
Tgt Ion:248 Resp: 13617

Ion Ratio Lower Upper

248 100

250 201.0 76.8 115.2#

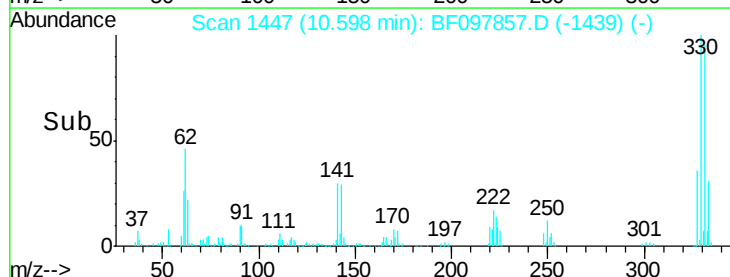
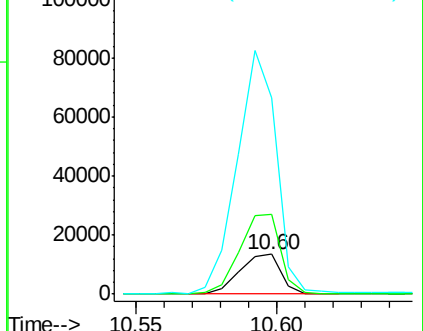
141 495.1 68.6 103.0#

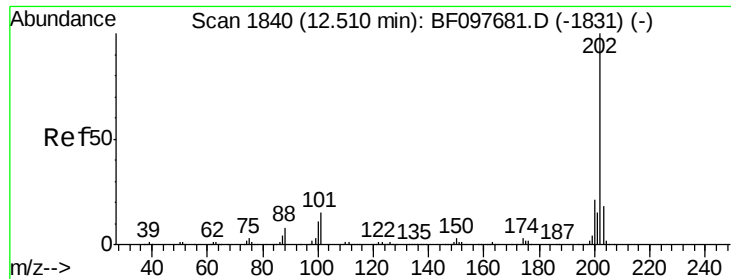


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#74

Fluoranthene

Concen: 4.90 ng

RT: 12.50 min Scan# 1770

Delta R.T. -0.01 min

Lab File: BF097857.D

Acq: 19 Aug 2017 2:43

Instrument :

BNA_F

ClientSampleId :

WHITE-TWP-COMPOST

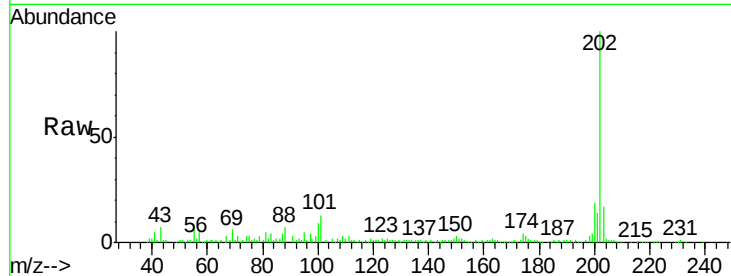
Tot Ion:202 Resp: 99460

Ion Ratio Lower Upper

202 100

101 13.5 0.0 33.2

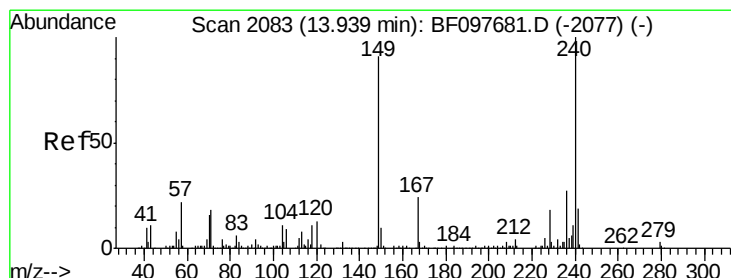
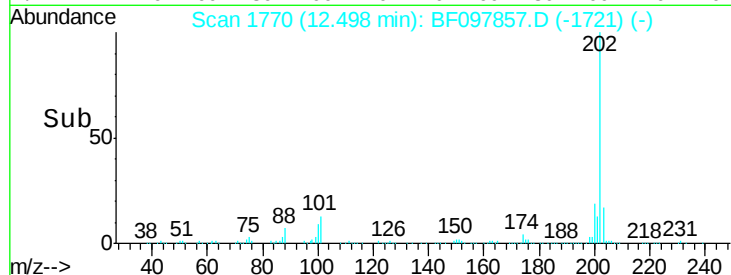
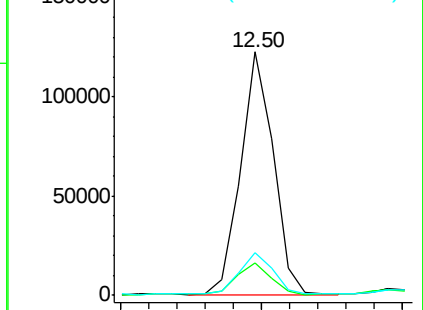
203 17.3 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.93 min Scan# 2013

Delta R.T. -0.01 min

Lab File: BF097857.D

Acq: 19 Aug 2017 2:43

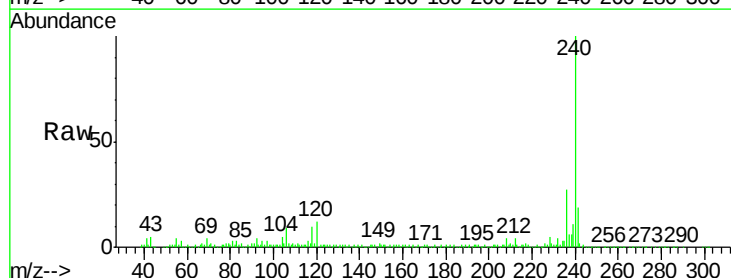
Tgt Ion:240 Resp: 296045

Ion Ratio Lower Upper

240 100

120 12.5 5.8 8.8#

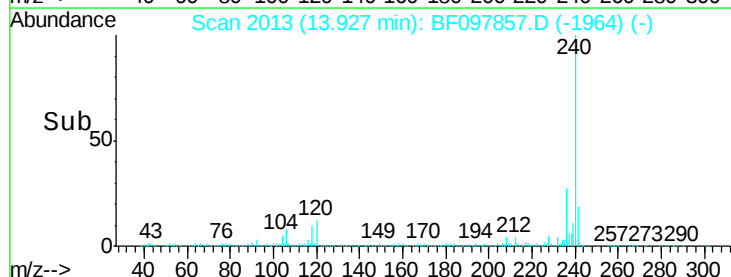
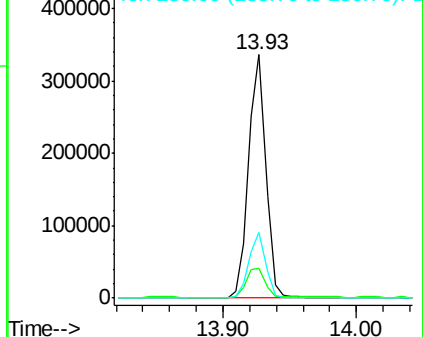
236 27.1 20.5 30.7

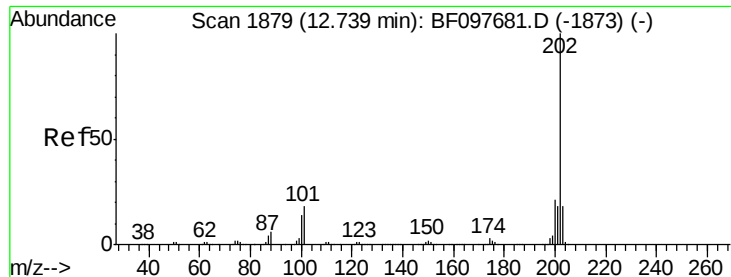


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 3.88 ng

RT: 12.73 min Scan# 1809

Delta R.T. -0.01 min

Lab File: BF097857.D

Acq: 19 Aug 2017 2:43

Instrument :

BNA_F

ClientSampleId :

WHITE-TWP-COMPOST

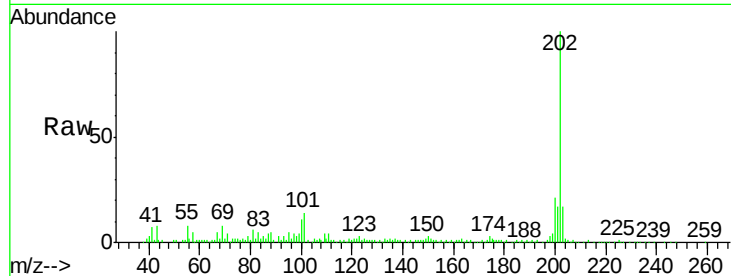
Tot Ion:202 Resp: 94012

Ion Ratio Lower Upper

202 100

200 20.7 17.6 26.4

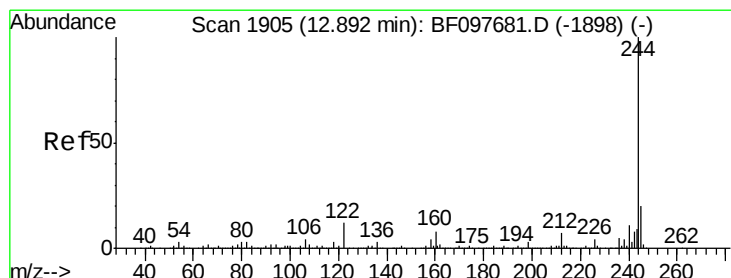
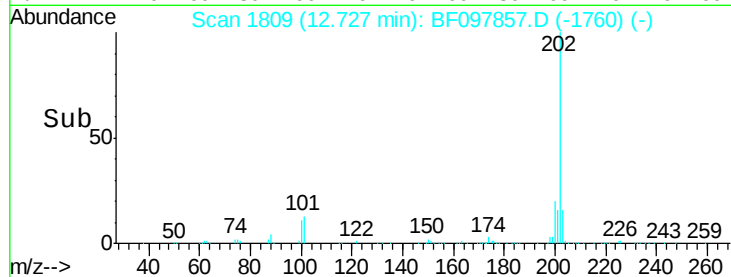
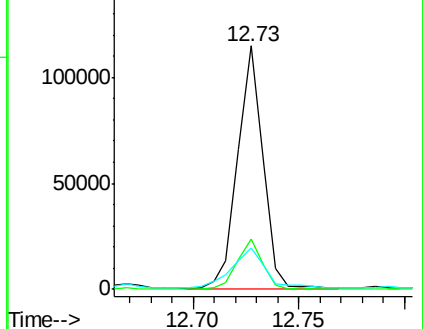
203 17.1 14.4 21.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 50.83 ng

RT: 12.88 min Scan# 1835

Delta R.T. -0.01 min

Lab File: BF097857.D

Acq: 19 Aug 2017 2:43

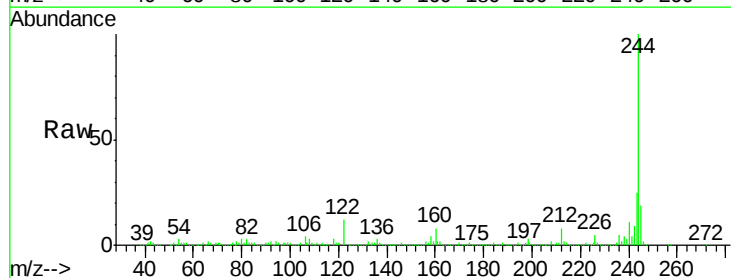
Tgt Ion:244 Resp: 721573

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

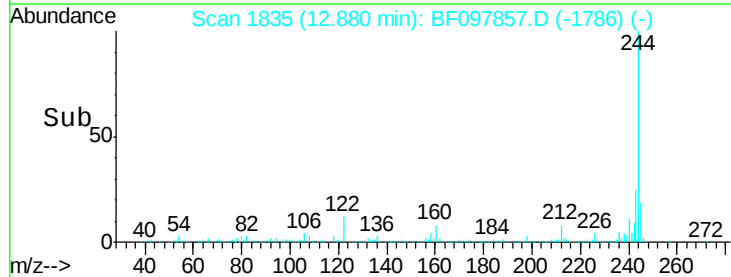
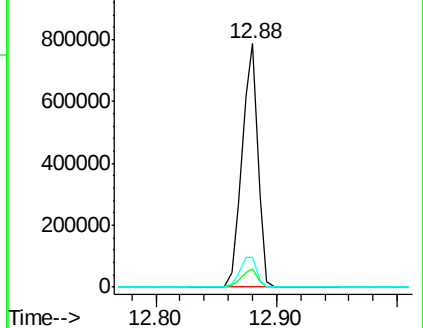
122 12.1 10.3 15.5

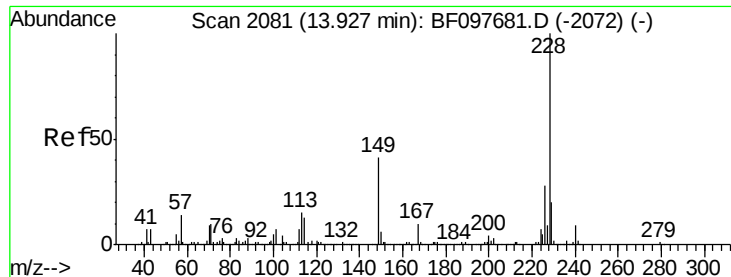


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 4.05 ng

RT: 13.92 min Scan# 2011

Delta R.T. -0.01 min

Lab File: BF097857.D

Acq: 19 Aug 2017 2:43

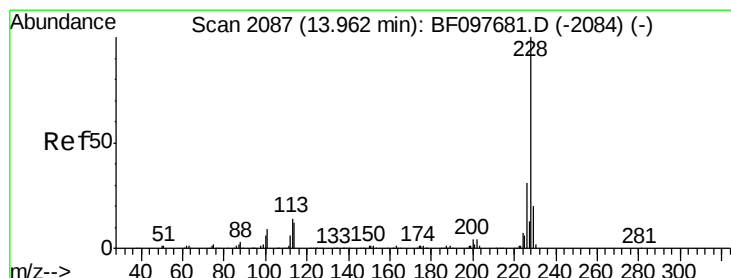
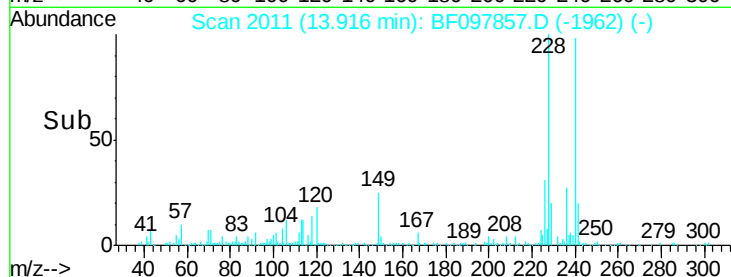
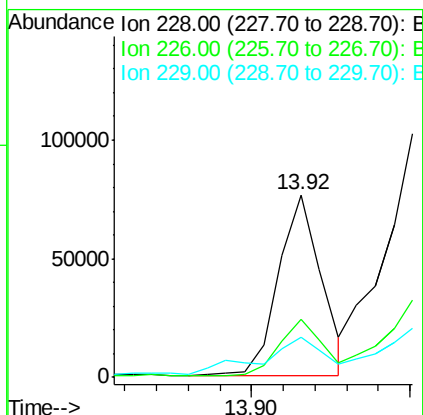
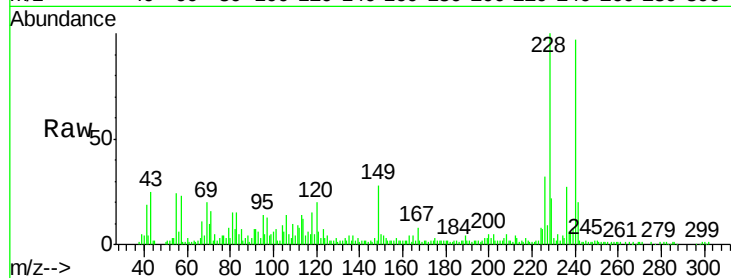
Instrument :

BNA_F

ClientSampleId :

WHITE-TWP-COMPOST

Tot Ion:228	Resp:	71774
Ion	Ratio	Lower Upper
228	100	
226	31.8	22.6 33.8
229	21.7	16.3 24.5



#82

Chrysene

Concen: 5.88 ng

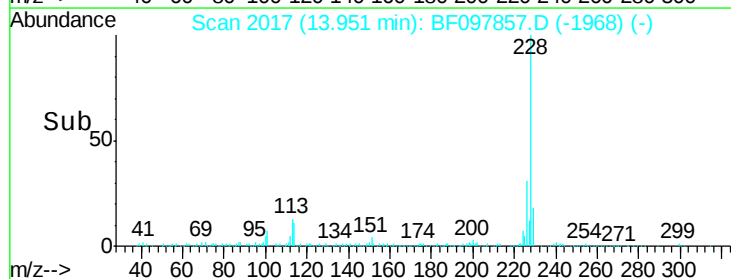
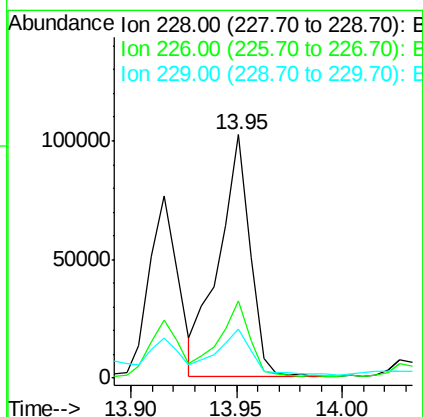
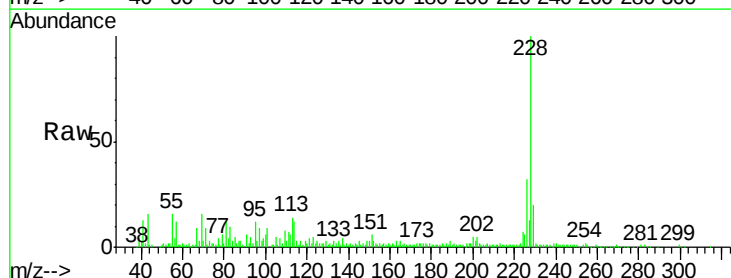
RT: 13.95 min Scan# 2017

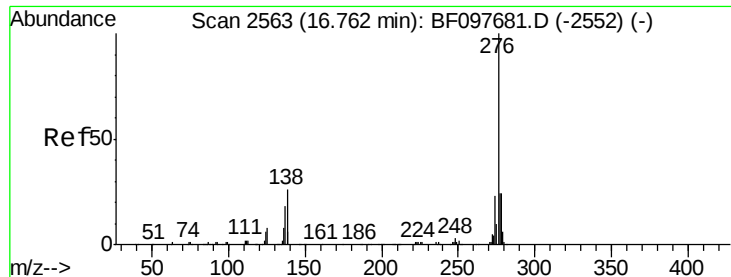
Delta R.T. -0.01 min

Lab File: BF097857.D

Acq: 19 Aug 2017 2:43

Tgt Ion:228	Resp:	103839
Ion	Ratio	Lower Upper
228	100	
226	31.8	24.9 37.3
229	20.0	15.8 23.6

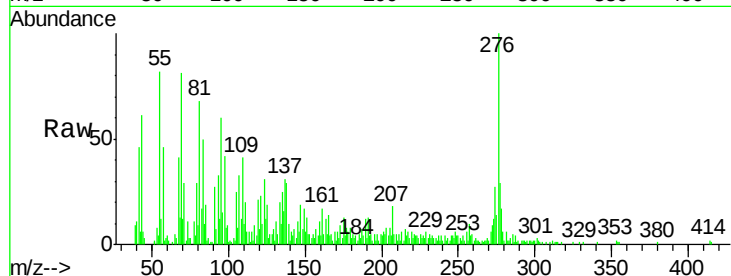




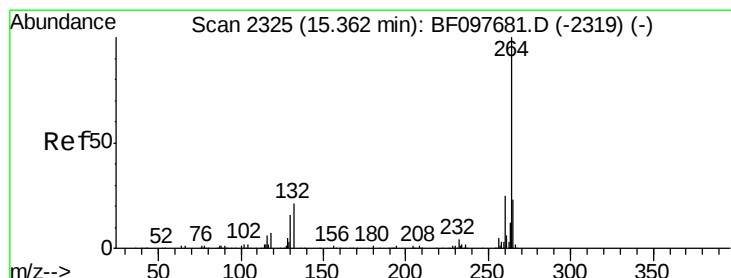
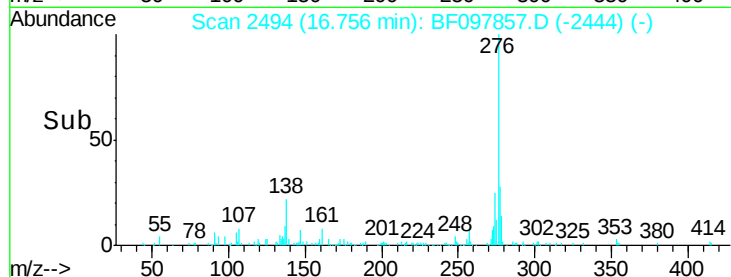
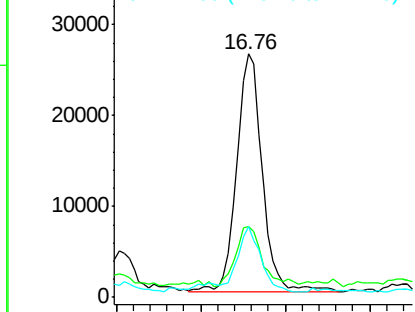
#85
Indeno(1,2,3-cd)pyrene
Concen: 4.23 ng
RT: 16.76 min Scan# 2494
Delta R.T. -0.01 min
Lab File: BF097857.D
Acq: 19 Aug 2017 2:43

Instrument :
BNA_F
ClientSampleId :
WHITE-TWP-COMPOST

Tot Ion:276 Resp: 54951
Ion Ratio Lower Upper
276 100
138 26.2 27.8 41.6#
277 24.3 20.2 30.4

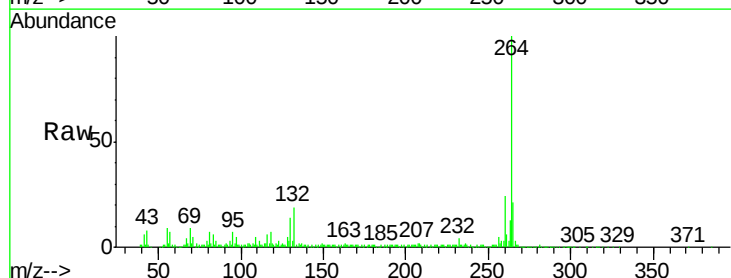


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

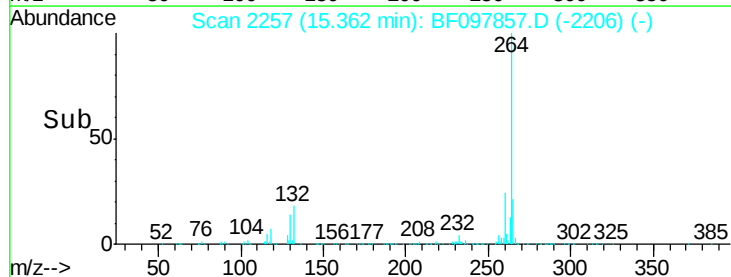
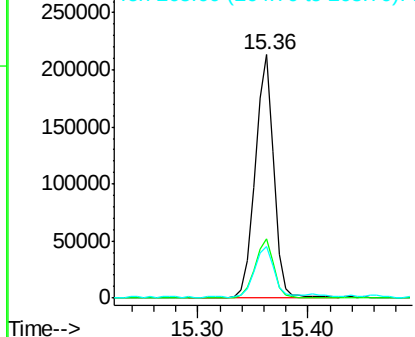


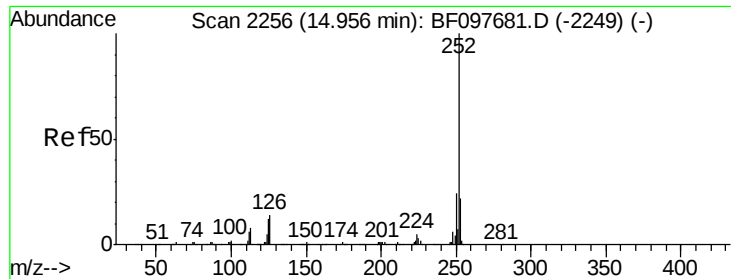
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.36 min Scan# 2257
Delta R.T. 0.00 min
Lab File: BF097857.D
Acq: 19 Aug 2017 2:43

Tgt Ion:264 Resp: 250579
Ion Ratio Lower Upper
264 100
260 24.3 19.5 29.3
265 21.2 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

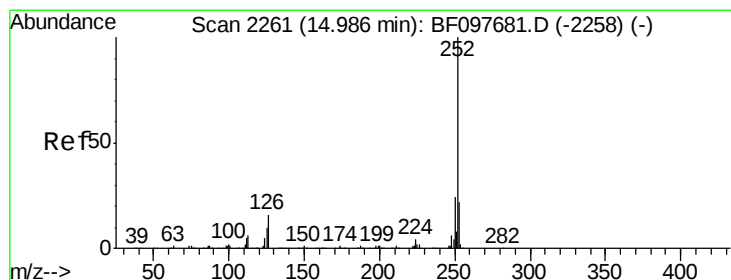
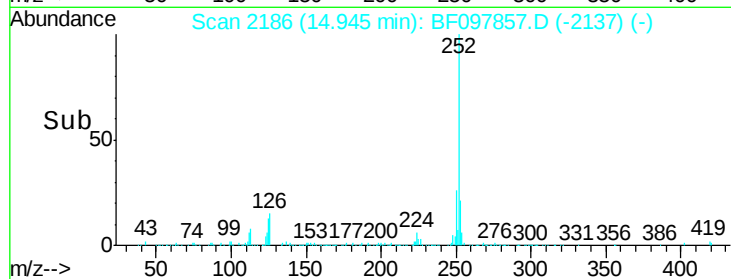
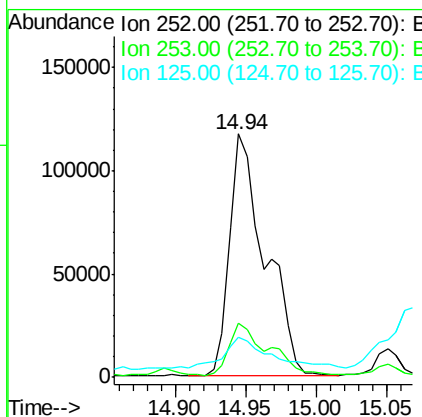
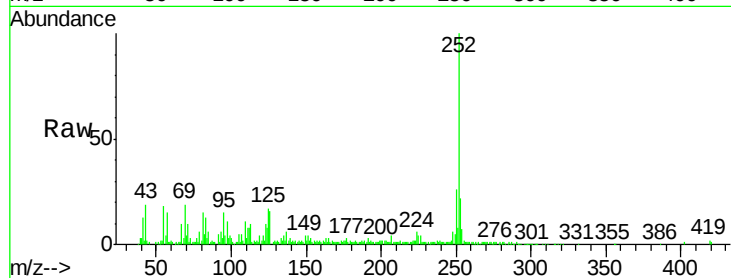




#87
Benzo(b)fluoranthene
Concen: 13.15 ng
RT: 14.94 min Scan# 2186
Delta R.T. -0.01 min
Lab File: BF097857.D
Acq: 19 Aug 2017 2:43

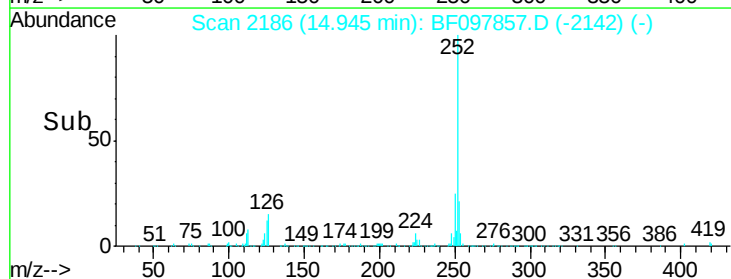
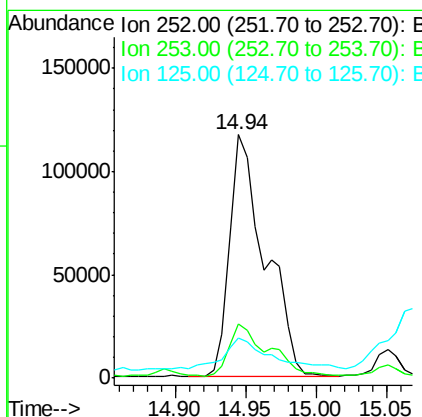
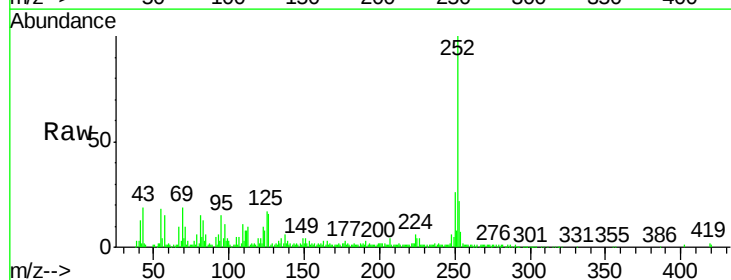
Instrument :
BNA_F
ClientSampleId :
WHITE-TWP-COMPOST

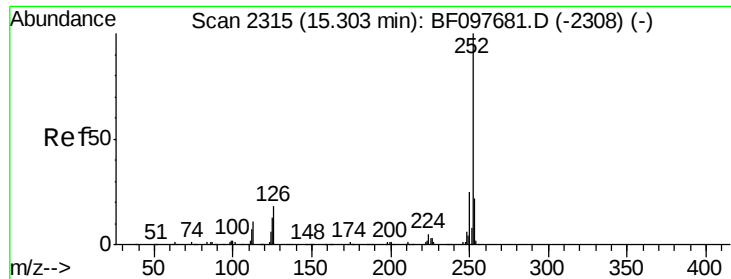
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.1	27.1
125	16.6	9.8	14.8#



#88
Benzo(k)fluoranthene
Concen: 14.00 ng
RT: 14.94 min Scan# 2186
Delta R.T. -0.04 min
Lab File: BF097857.D
Acq: 19 Aug 2017 2:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.4	27.6
125	16.6	13.1	19.7

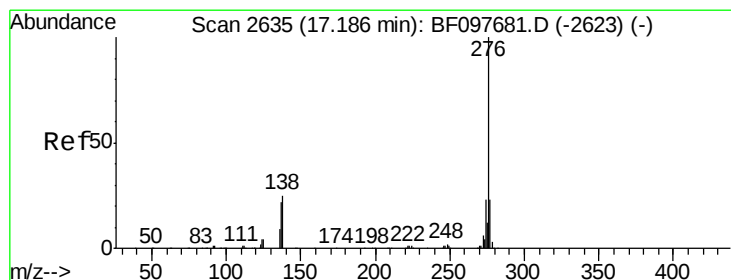
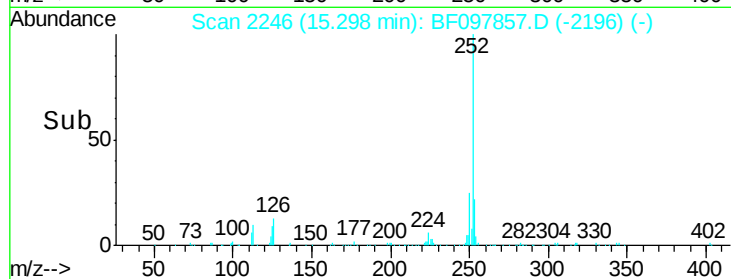
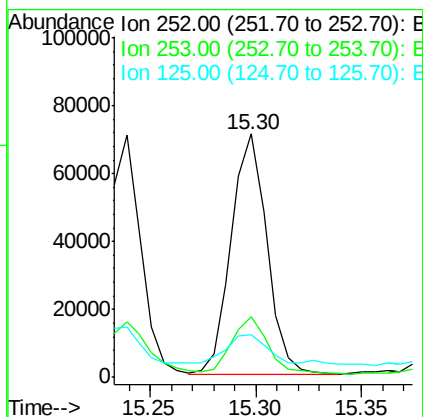
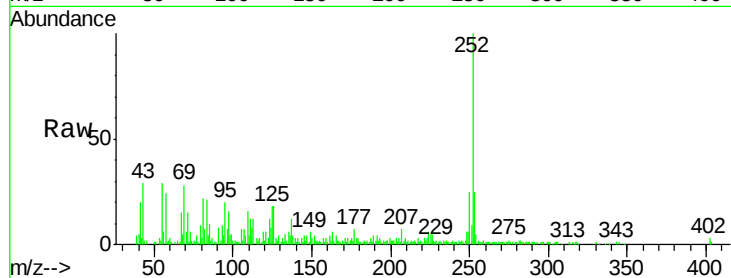




#89
Benzo(a)pyrene
Concen: 5.99 ng
RT: 15.30 min Scan# 2246
Delta R.T. -0.01 min
Lab File: BF097857.D
Acq: 19 Aug 2017 2:43

Instrument :
BNA_F
ClientSampleId :
WHITE-TWP-COMPOST

Tot Ion:252 Resp: 83732
Ion Ratio Lower Upper
252 100
253 24.6 17.5 26.3
125 17.5 11.0 16.4#



#91
Benzo(g,h,i)perylene
Concen: 4.20 ng
RT: 17.19 min Scan# 2568
Delta R.T. 0.01 min
Lab File: BF097857.D
Acq: 19 Aug 2017 2:43

Tgt Ion:276 Resp: 49858
Ion Ratio Lower Upper
276 100
277 26.8 18.6 28.0
138 34.5 25.4 38.0

