

Data Path : Z:\HPCHEM1\BNA F\DATA\BF093017\
 Data File : BF098968.D
 Acq On : 30 Sep 2017 17:47
 Operator : SJ/JU
 Sample : I5554-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BRICK-FOR-WASTE

Quant Time: Oct 01 00:56:24 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

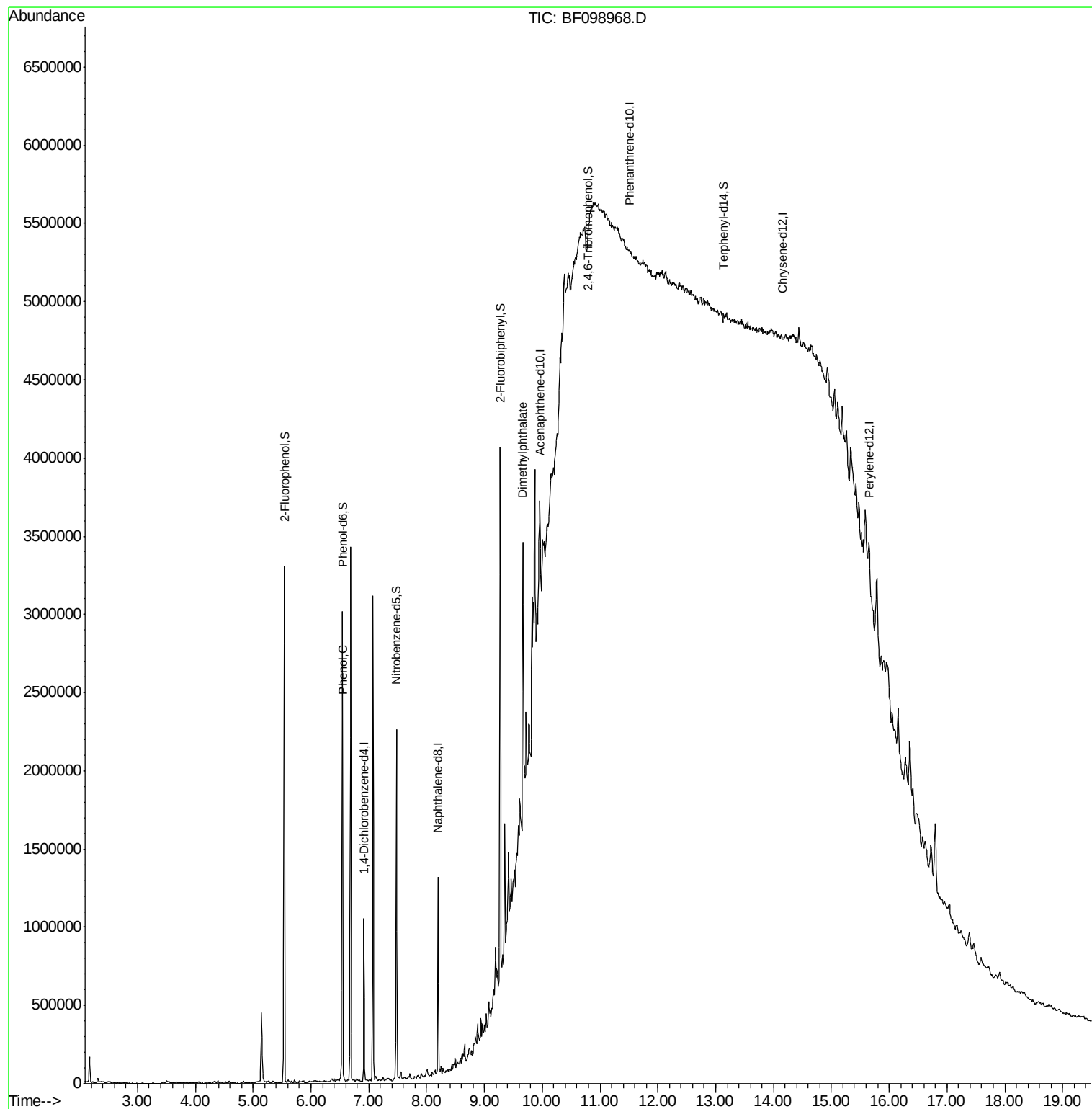
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	130820	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	496932	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	166804	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	56016	20.00	ng	0.08
75) Chrysene-d12	14.17	240	74719	20.00	ng	0.08
86) Perylene-d12	15.66	264	153369	20.00	ng	0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	1066853	129.82	ng	0.00
7) Phenol-d6	6.55	99	1277922	126.06	ng	0.00
23) Nitrobenzene-d5	7.48	82	739726	95.46	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	129824	95.12	ng	0.04
44) 2-Fluorobiphenyl	9.27	172	1104789	110.57	ng	0.00
78) Terphenyl-d14	13.13	244	137409	41.82	ng	0.09
Target Compounds						
10) Phenol	6.56	94	27347	2.412	ng	98
49) Dimethylphthalate	9.66	163	204498	16.244	ng	# 85

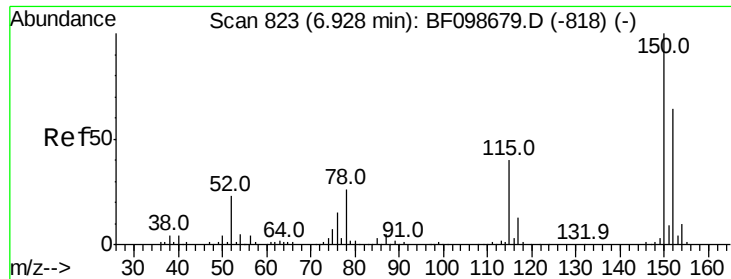
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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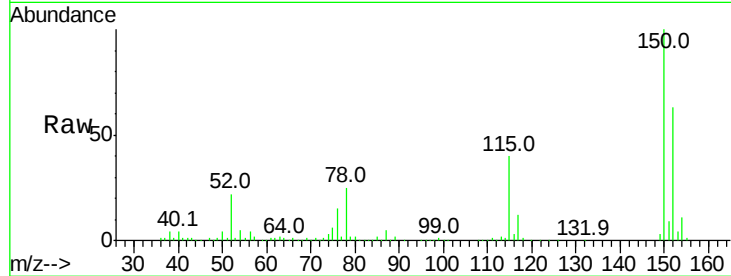


#1

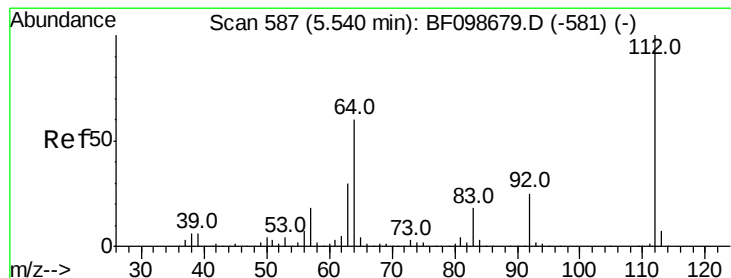
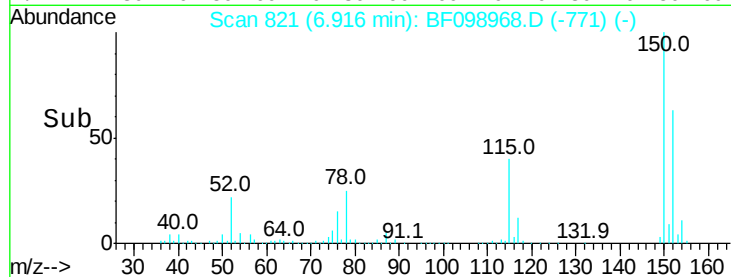
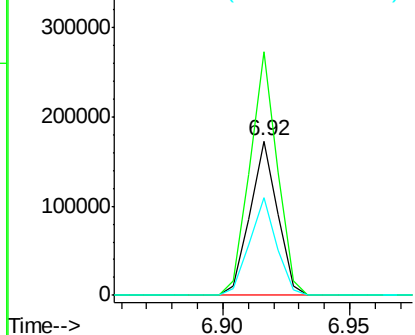
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF098968.D
Acq: 30 Sep 2017 17:47

Instrument :
BNA_F
ClientSampleId :
BRICK-FOR-WASTE

Tot Ion:152 Resp: 130820
Ion Ratio Lower Upper
152 100
150 157.9 124.6 186.8
115 63.0 50.1 75.1



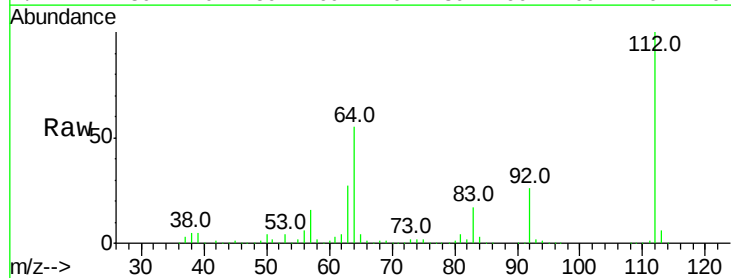
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



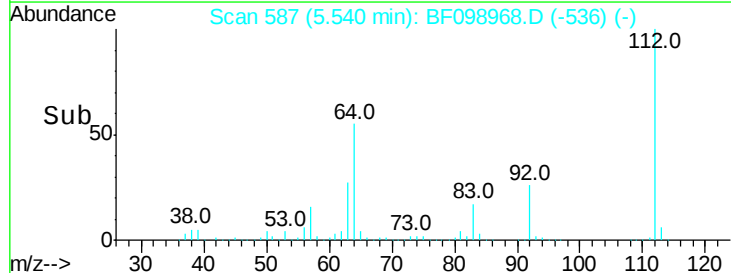
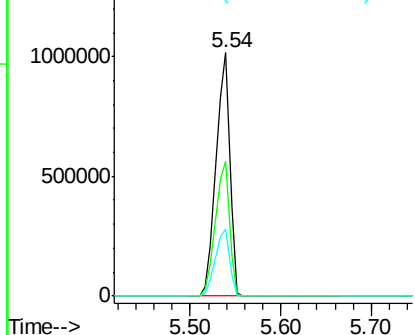
#5

2-Fluorophenol
Concen: 129.821 ng
RT: 5.54 min Scan# 587
Delta R.T. -0.00 min
Lab File: BF098968.D
Acq: 30 Sep 2017 17:47

Tgt Ion:112 Resp: 1066853
Ion Ratio Lower Upper
112 100
64 55.5 47.9 71.9
63 27.4 23.7 35.5



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: 126.057 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF098968.D

Acq: 30 Sep 2017 17:47

Instrument :

BNA_F

ClientSampleId :

BRICK-FOR-WASTE

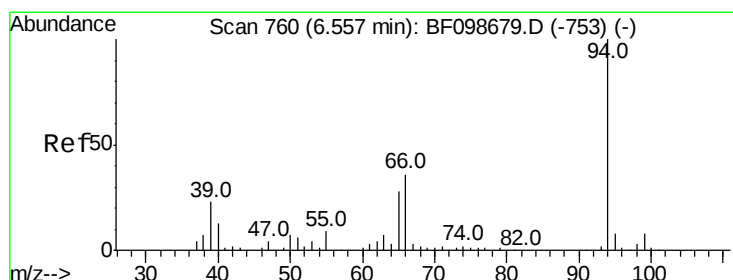
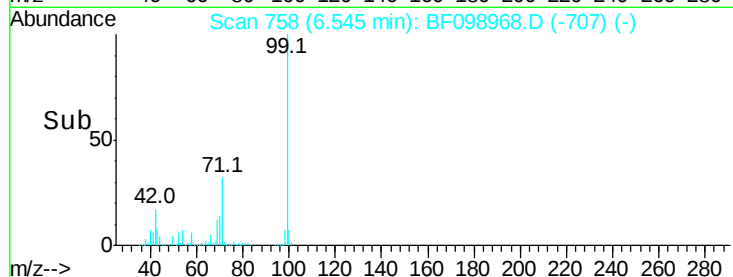
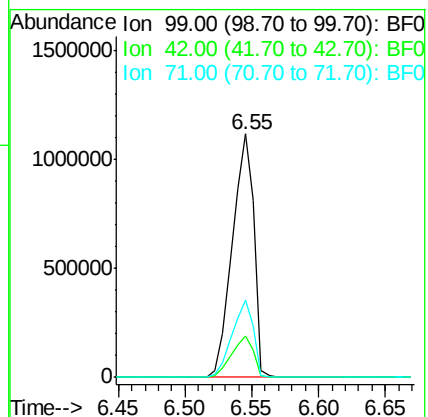
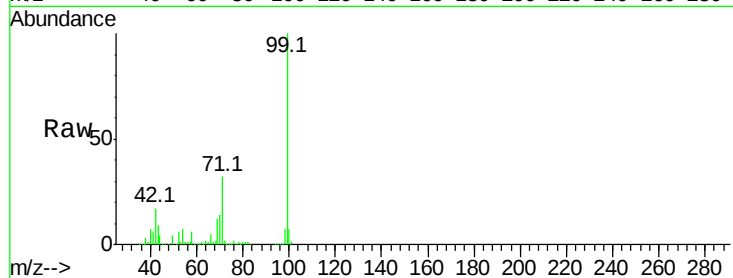
Tot Ion: 99 Resp: 1277922

Ion Ratio Lower Upper

99 100

42 16.9 14.5 21.7

71 31.9 25.4 38.0



#10

Phenol

Concen: 2.412 ng

RT: 6.56 min Scan# 760

Delta R.T. -0.00 min

Lab File: BF098968.D

Acq: 30 Sep 2017 17:47

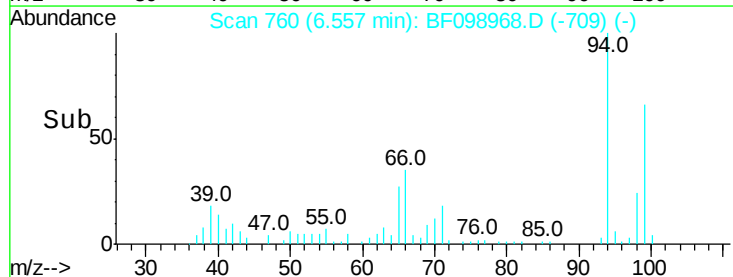
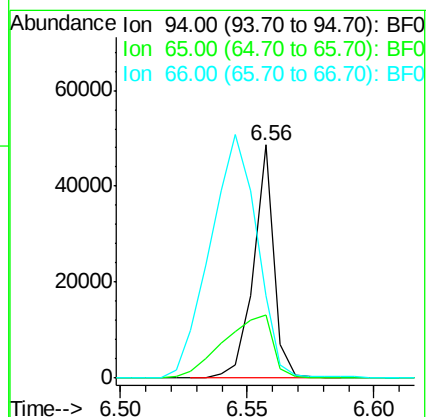
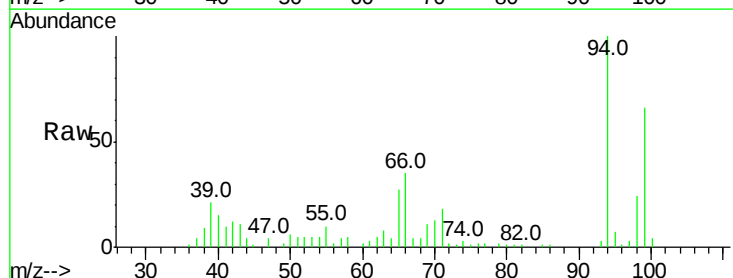
Tgt Ion: 94 Resp: 27347

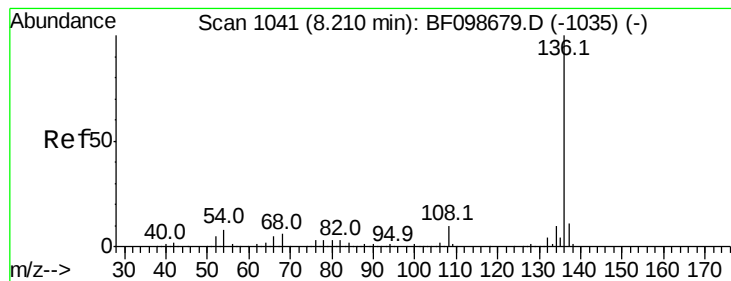
Ion Ratio Lower Upper

94 100

65 27.1 7.9 47.9

66 35.4 16.2 56.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.20 min Scan# 1039

Delta R.T. -0.01 min

Lab File: BF098968.D

Acq: 30 Sep 2017 17:47

Instrument :

BNA_F

ClientSampleId :

BRICK-FOR-WASTE

Tot Ion:136 Resp: 496932

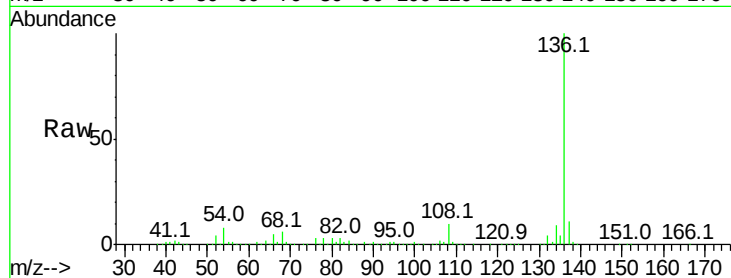
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 7.6 6.6 9.8

68 6.0 5.0 7.4

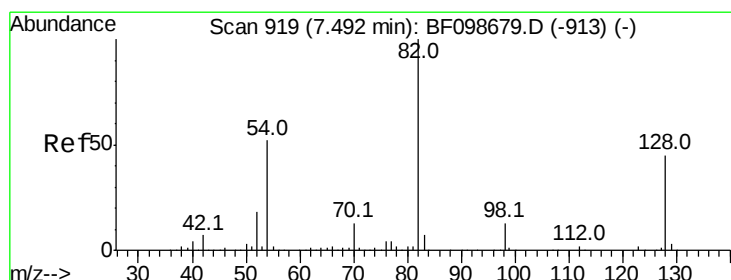
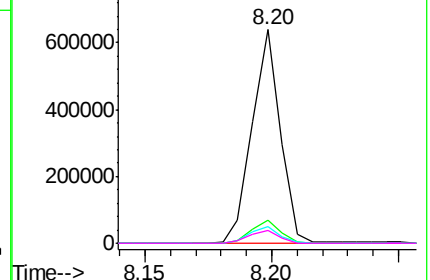
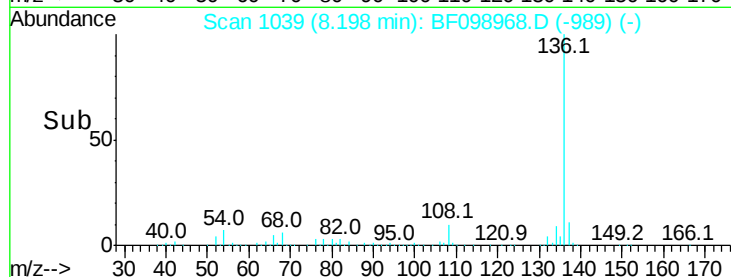


Abundance Ion 136.00 (135.70 to 136.70): E

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: 95.463 ng

RT: 7.48 min Scan# 917

Delta R.T. -0.01 min

Lab File: BF098968.D

Acq: 30 Sep 2017 17:47

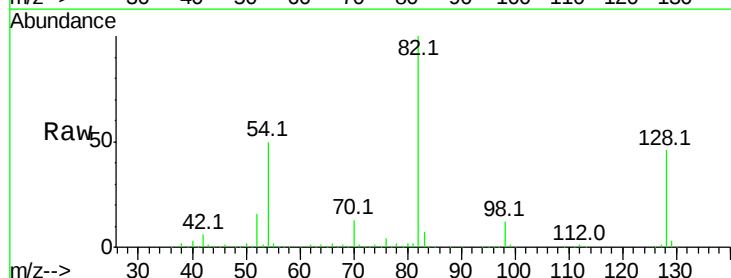
Tgt Ion: 82 Resp: 739726

Ion Ratio Lower Upper

82 100

128 46.4 36.1 54.1

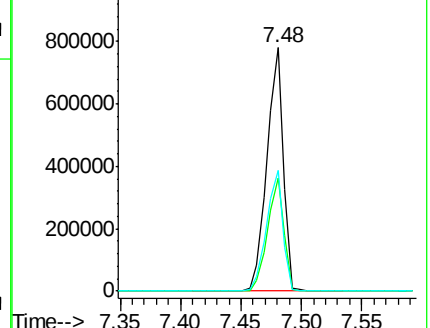
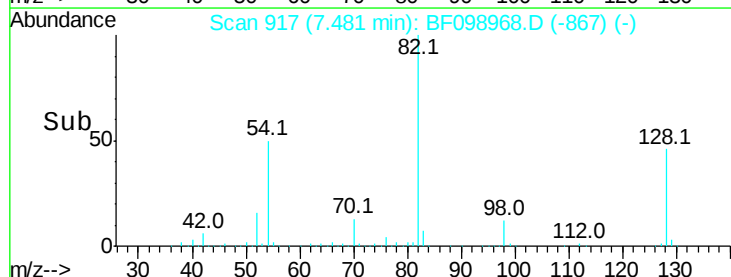
54 49.6 41.4 62.2

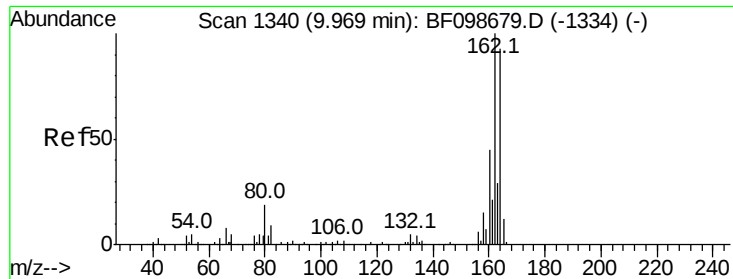


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

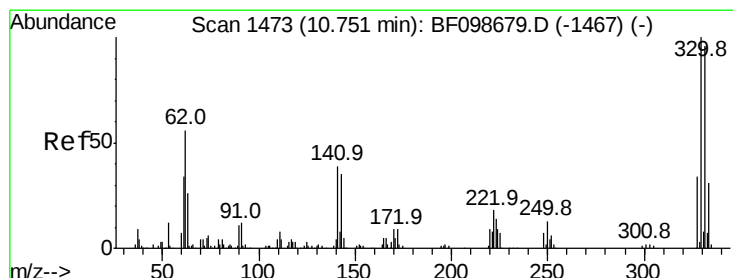
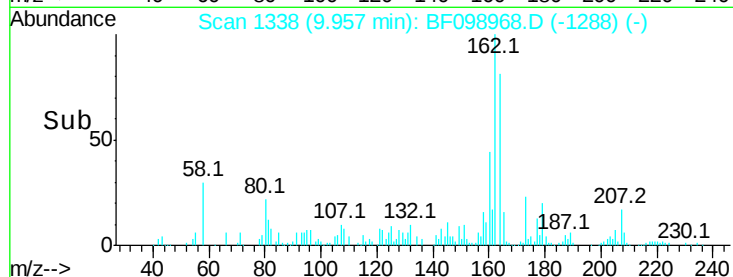
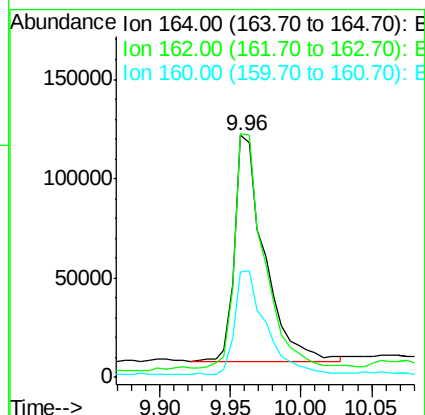
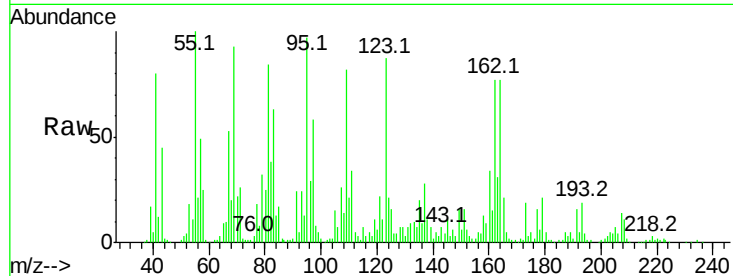




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.96 min Scan# 1338
 Delta R.T. -0.01 min
 Lab File: BF098968.D
 Acq: 30 Sep 2017 17:47

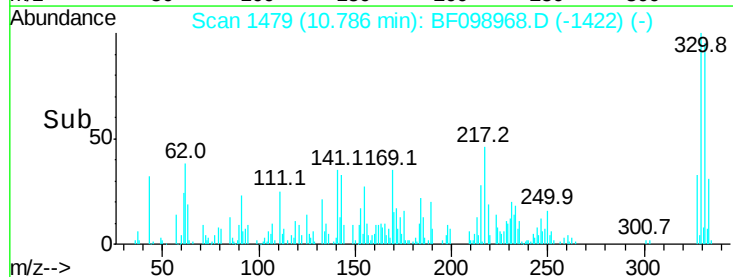
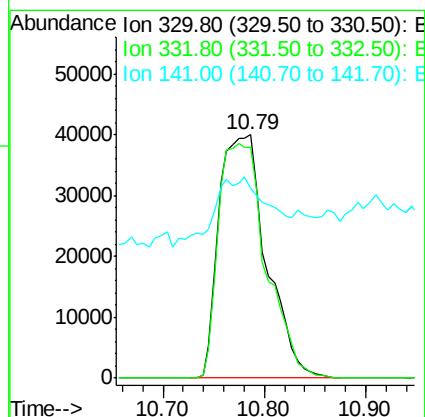
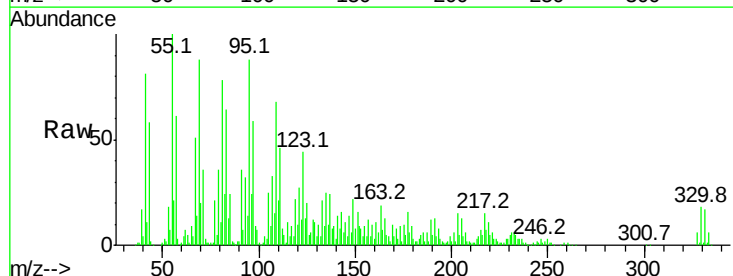
Instrument :
 BNA_F
 ClientSampleId :
 BRICK-FOR-WASTE

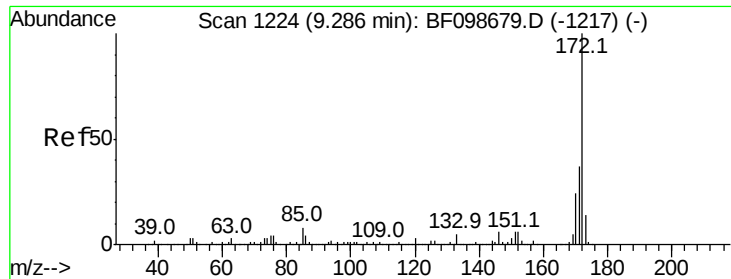
Tot Ion:164 Resp: 166804
 Ion Ratio Lower Upper
 164 100
 162 100.5 86.1 129.1
 160 43.7 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 95.116 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. 0.04 min
 Lab File: BF098968.D
 Acq: 30 Sep 2017 17:47

Tgt Ion:330 Resp: 129824
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.0 115.6
 141 0.0 29.9 44.9#

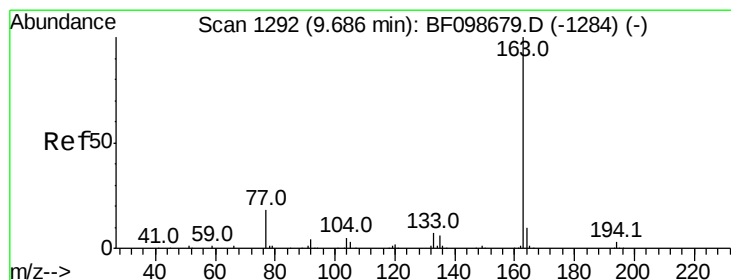
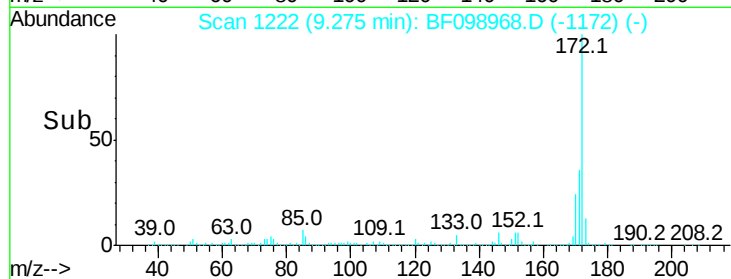
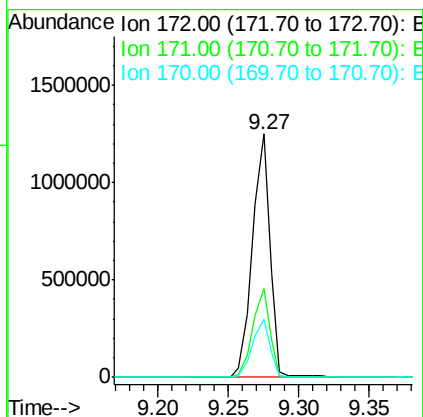
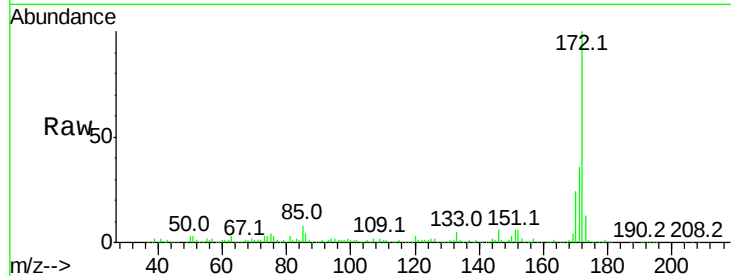




#44
2-Fluorobiphenyl
Concen: 110.570 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.01 min
Lab File: BF098968.D
Acq: 30 Sep 2017 17:47

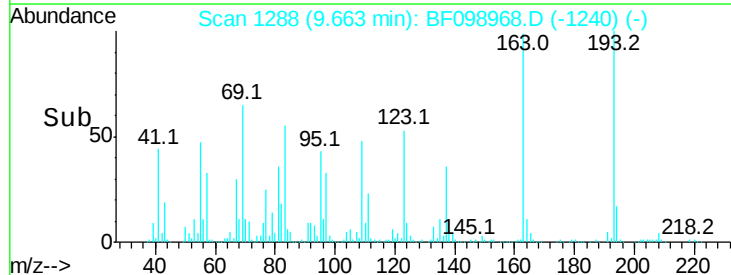
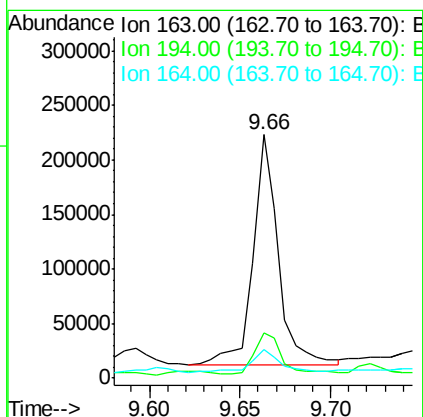
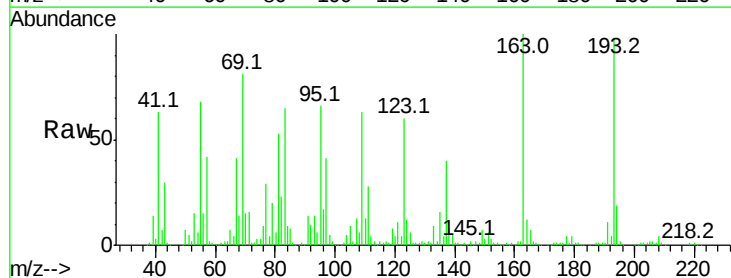
Instrument :
BNA_F
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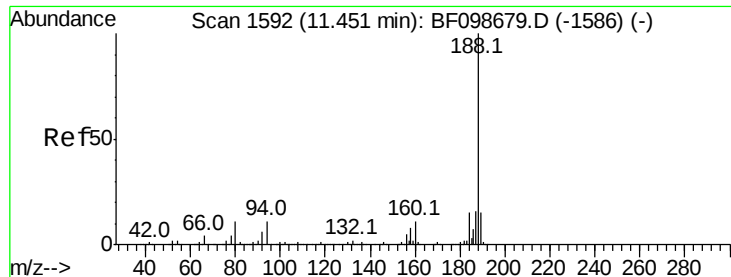
Tot Ion:172 Resp: 1104789
Ion Ratio Lower Upper
172 100
171 36.4 29.7 44.5
170 23.8 19.6 29.4



#49
Dimethylphthalate
Concen: 16.244 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.02 min
Lab File: BF098968.D
Acq: 30 Sep 2017 17:47

Tgt Ion:163 Resp: 204498
Ion Ratio Lower Upper
163 100
194 18.5 2.7 4.1#
164 11.7 8.2 12.2





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.52 min Scan# 1604

Delta R.T. 0.08 min

Lab File: BF098968.D

Acq: 30 Sep 2017 17:47

Instrument :

BNA_F

ClientSampleId :

BRICK-FOR-WASTE

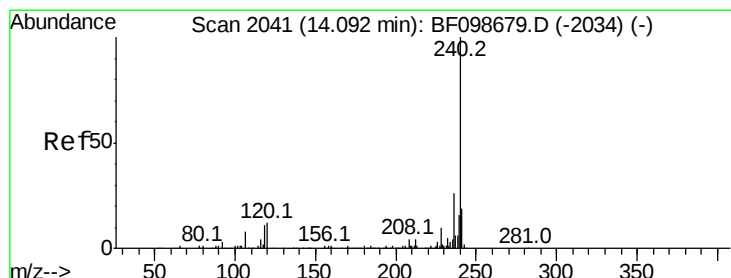
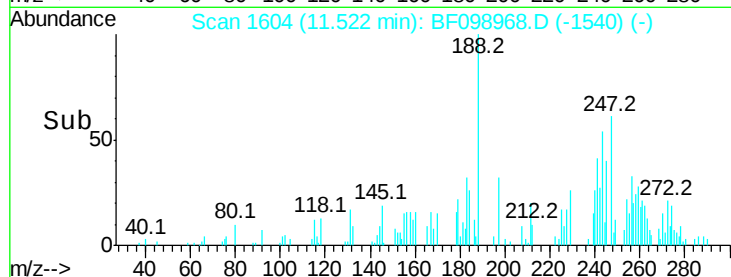
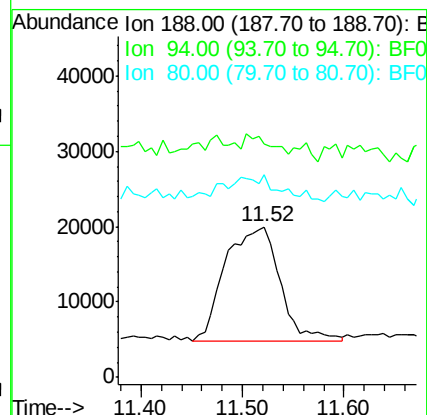
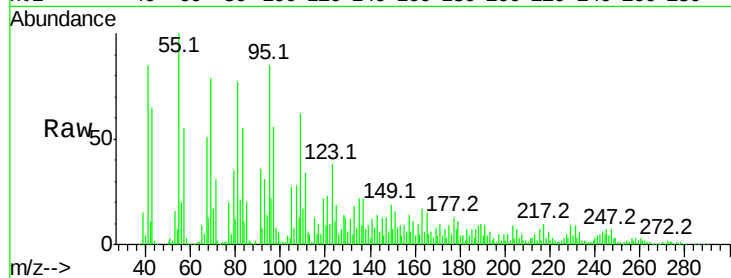
Tot Ion:188 Resp: 56016

Ion Ratio Lower Upper

188 100

94 155.0 8.5 12.7#

80 134.8 9.2 13.8#



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.17 min Scan# 2054

Delta R.T. 0.08 min

Lab File: BF098968.D

Acq: 30 Sep 2017 17:47

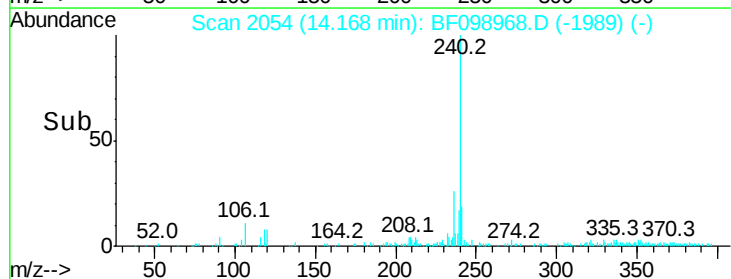
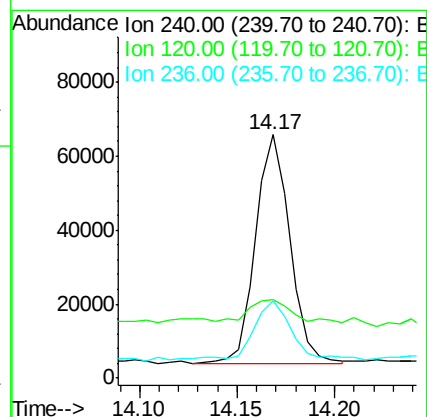
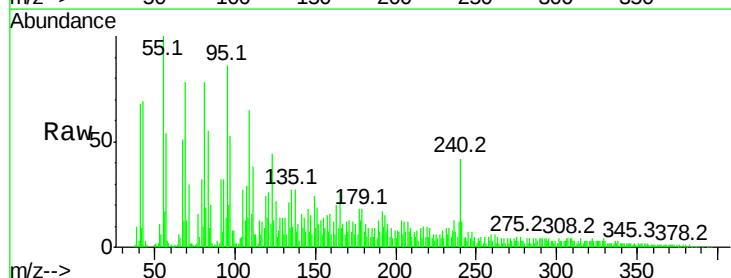
Tgt Ion:240 Resp: 74719

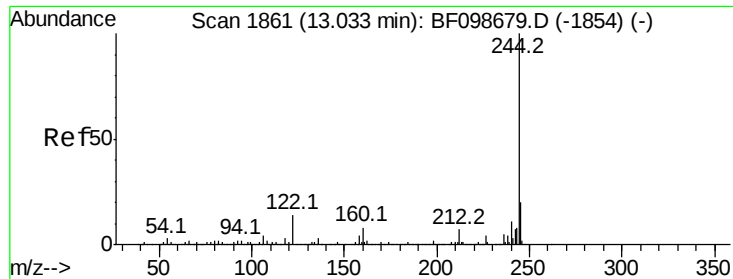
Ion Ratio Lower Upper

240 100

120 32.2 9.5 14.3#

236 31.9 20.7 31.1#





#78

Terphenyl-d14

Concen: 41.823 ng

RT: 13.13 min Scan# 1877

Delta R.T. 0.09 min

Lab File: BF098968.D

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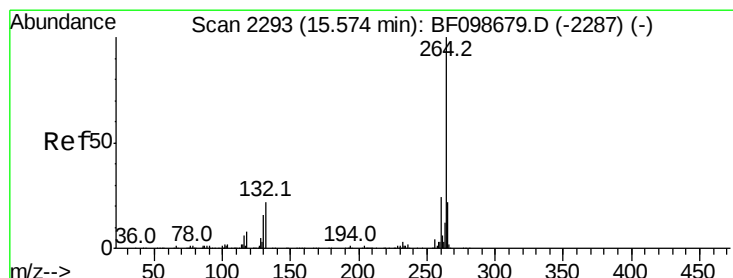
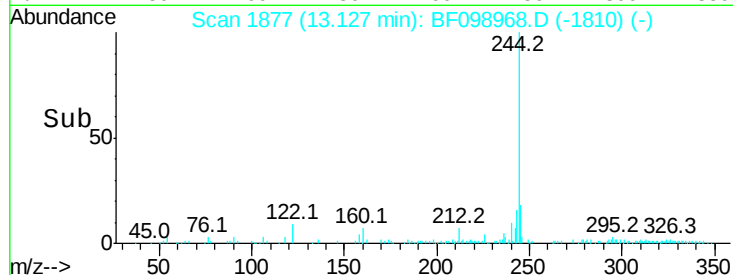
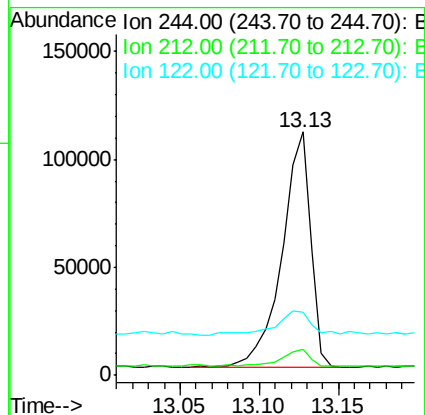
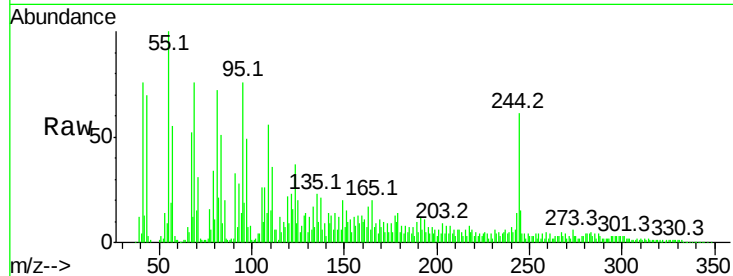
Tot Ion:244 Resp: 137409

Ion Ratio Lower Upper

244 100

212 10.6 5.4 8.0#

122 25.9 11.0 16.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.66 min Scan# 2307

Delta R.T. 0.08 min

Lab File: BF098968.D

Acq: 30 Sep 2017 17:47

Tgt Ion:264 Resp: 153369

Ion Ratio Lower Upper

264 100

260 28.2 19.2 28.8

265 24.9 17.5 26.3

