

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG062520\
 Data File : BG045861.D
 Acq On : 25 Jun 2020 17:26
 Operator : CG/JU
 Sample : L3101-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EBS8-W-04

Quant Time: Jun 25 18:01:55 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 25 15:44:32 2020
 Response via : Initial Calibration

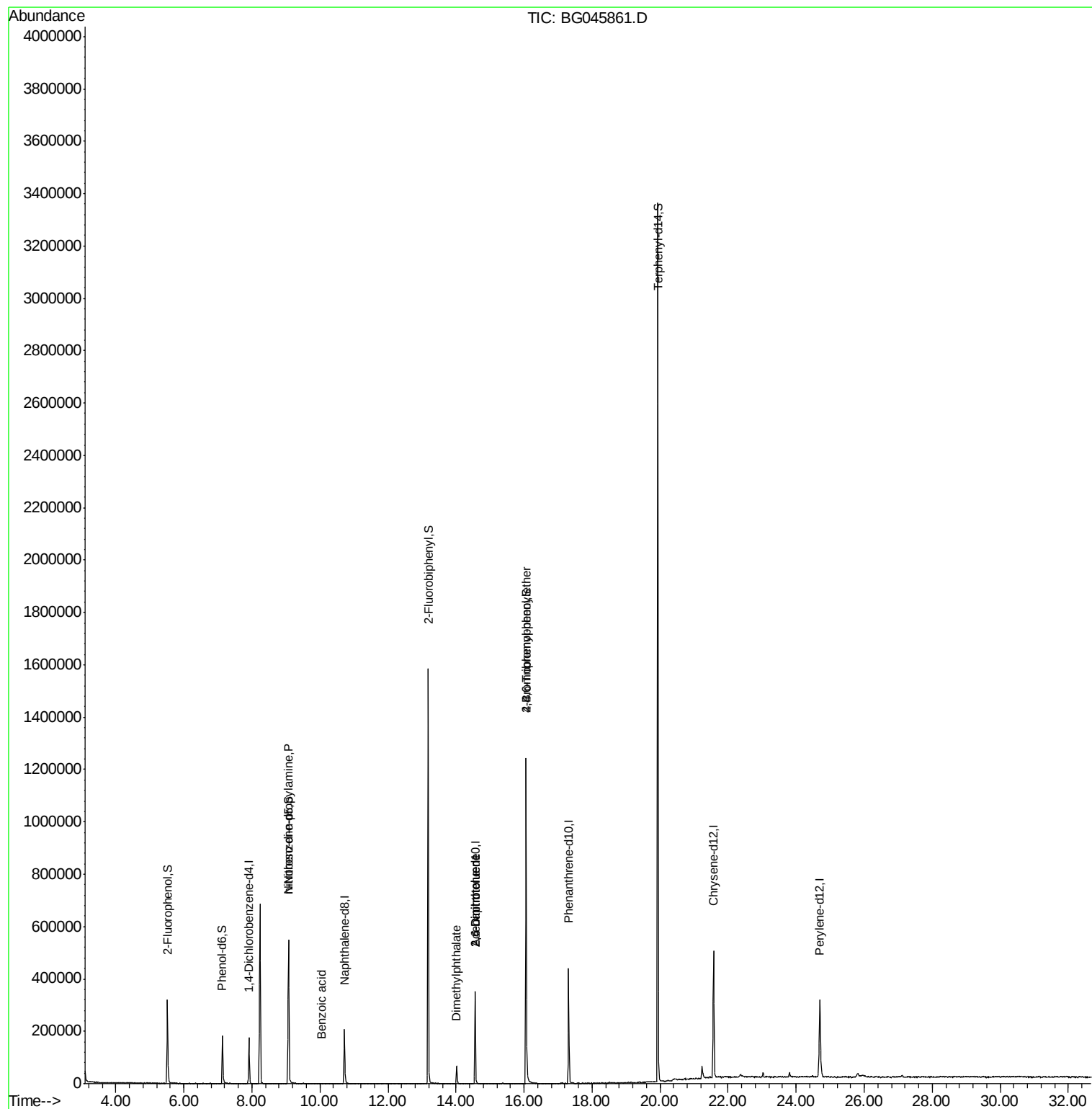
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	51559	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	193973	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	135058	20.00	ng	0.00
64) Phenanthrene-d10	17.31	188	303160	20.00	ng	0.00
76) Chrysene-d12	21.57	240	326639	20.00	ng	0.00
86) Perylene-d12	24.70	264	326591	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	161283	52.84	ng	0.00
7) Phenol-d6	7.13	99	125913	27.12	ng	0.00
23) Nitrobenzene-d5	9.08	82	385709	90.84	ng	0.00
42) 2,4,6-Tribromophenol	16.06	330	269108	131.98	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	858910	93.46	ng	0.00
79) Terphenyl-d14	19.93	244	1582960	98.21	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.08	70	54834	17.965	ng	# 79
32) Benzoic acid	10.06	122	66	9.007	ng	# 1
50) Dimethylphthalate	14.02	163	54897	5.189	ng	# 96
51) 2,6-Dinitrotoluene	14.56	165	17305	7.282	ng	# 26
57) 2,4-Dinitrotoluene	14.56	165	17305	5.082	ng	# 24
67) 4-Bromophenyl-phenylether	16.06	248	17979	4.564	ng	# 1

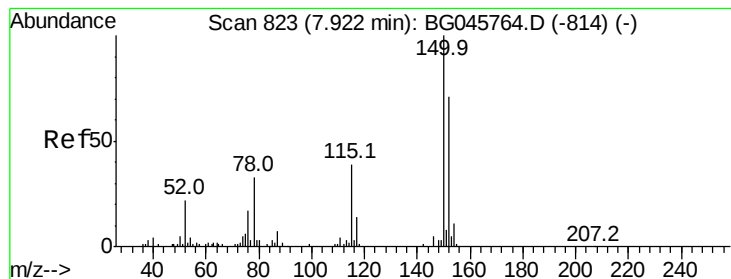
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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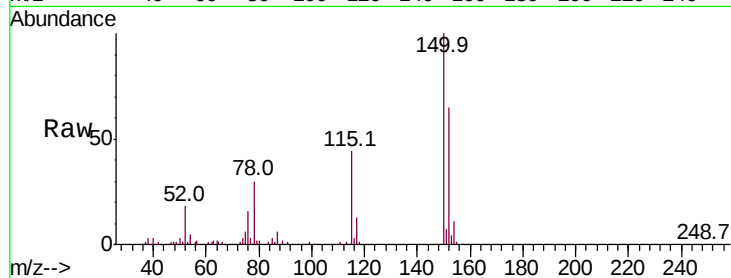


#1

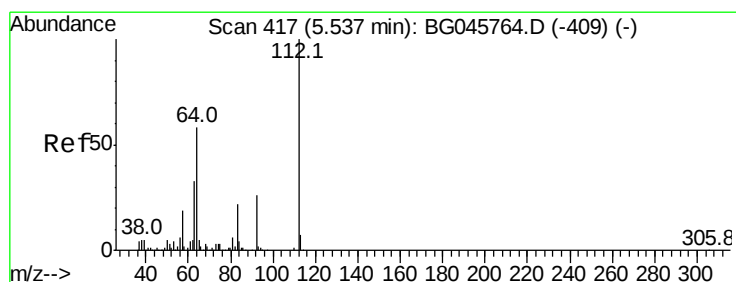
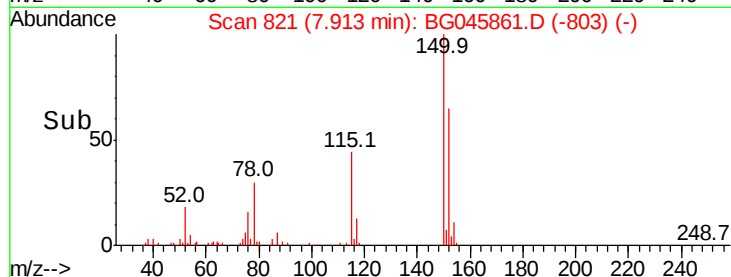
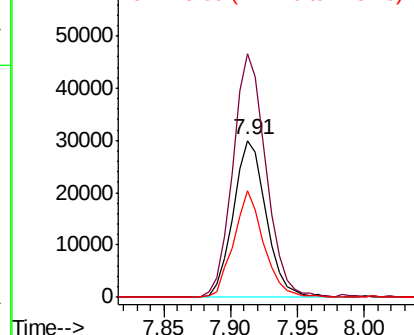
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.91 min Scan# 821
Delta R.T. 0.00 min
Lab File: BG045861.D
Acq: 25 Jun 2020 17:26

Instrument :
BNA_G
ClientSampleId :
EBS8-W-04

Tot Ion:152 Resp: 51559
Ion Ratio Lower Upper
152 100
150 155.0 113.1 169.7
115 67.9 43.8 65.6#



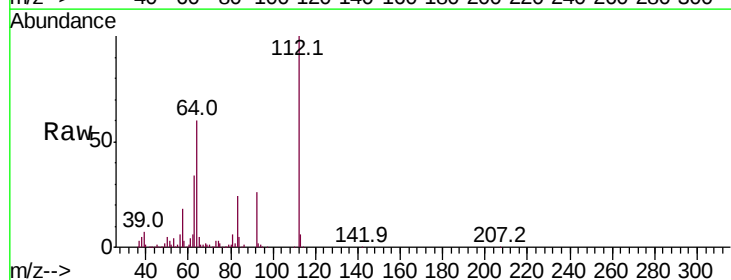
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



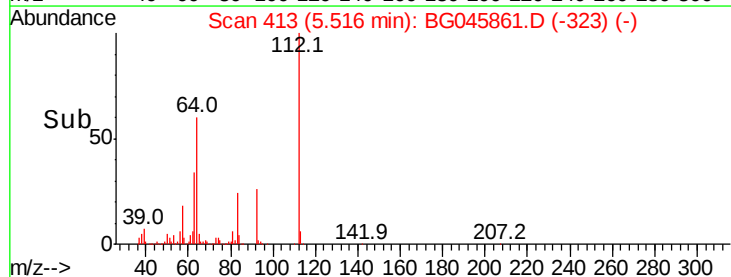
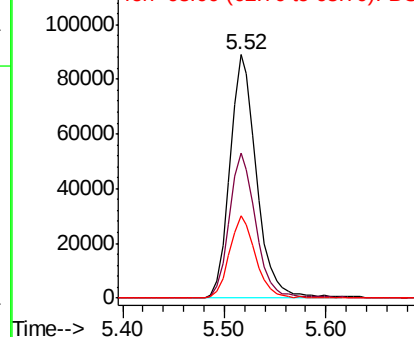
#5

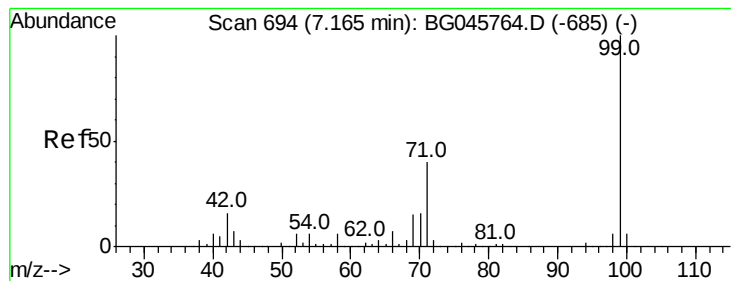
2-Fluorophenol
Concen: 52.841 ng
RT: 5.52 min Scan# 413
Delta R.T. -0.00 min
Lab File: BG045861.D
Acq: 25 Jun 2020 17:26

Tgt Ion:112 Resp: 161283
Ion Ratio Lower Upper
112 100
64 59.5 46.6 69.8
63 33.9 26.3 39.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 27.121 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.00 min

Lab File: BG045861.D

Acq: 25 Jun 2020 17:26

Instrument :

BNA_G

ClientSampleId :

EBS8-W-04

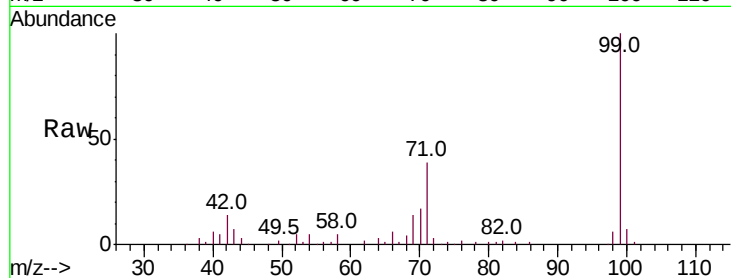
Tot Ion: 99 Resp: 125913

Ion Ratio Lower Upper

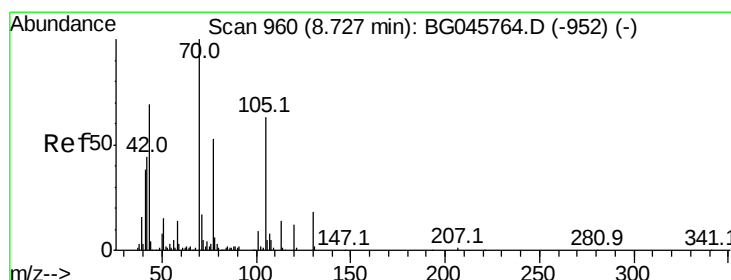
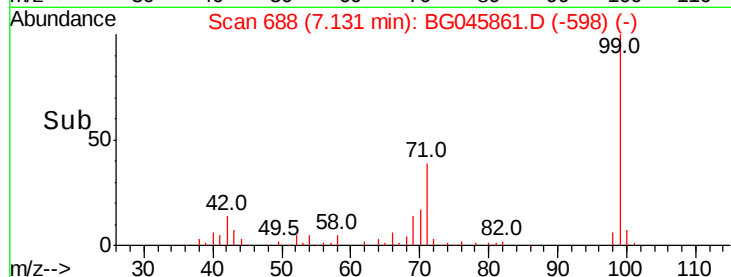
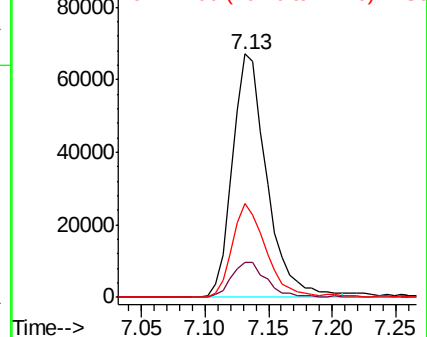
99 100

42 14.4 12.4 18.6

71 38.6 32.1 48.1



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#19

n-Nitroso-di-n-propylamine

Concen: 17.965 ng

RT: 9.08 min Scan# 1019

Delta R.T. 0.35 min

Lab File: BG045861.D

Acq: 25 Jun 2020 17:26

Tgt Ion: 70 Resp: 54834

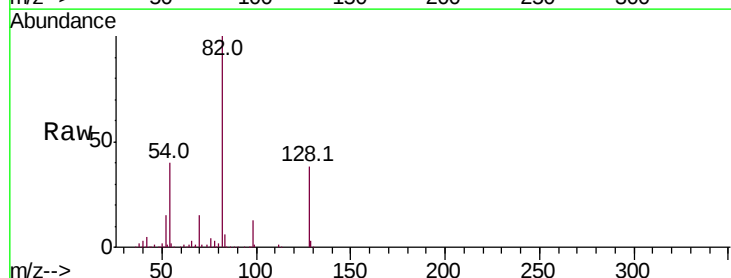
Ion Ratio Lower Upper

70 100

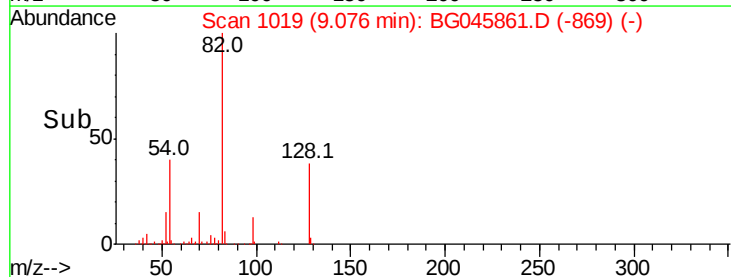
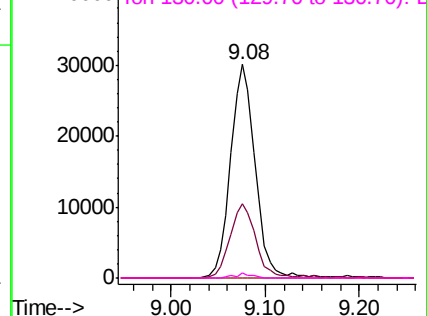
42 34.6 35.1 52.7#

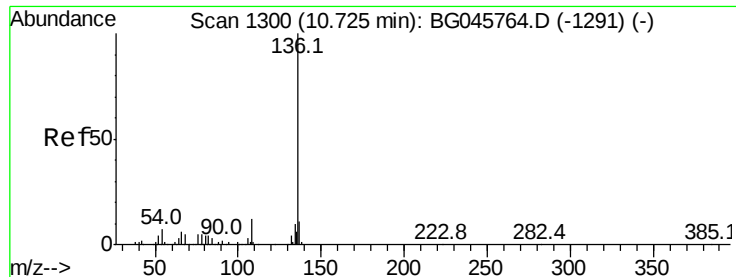
101 0.0 7.4 11.0#

130 2.3 14.6 21.8#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

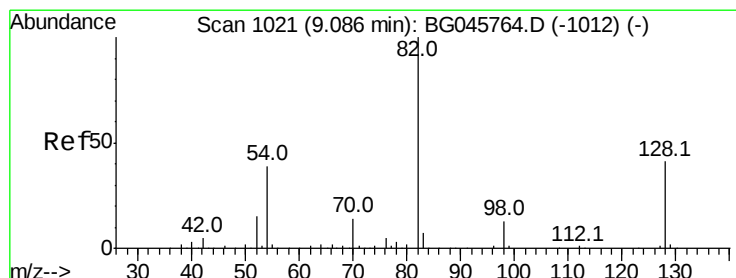
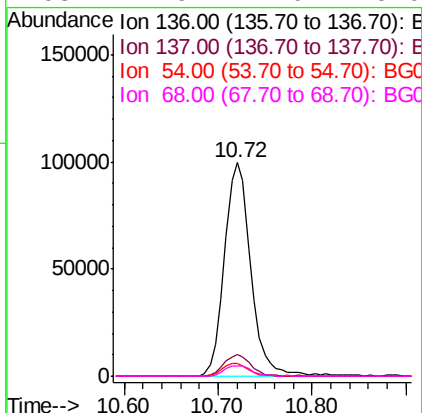
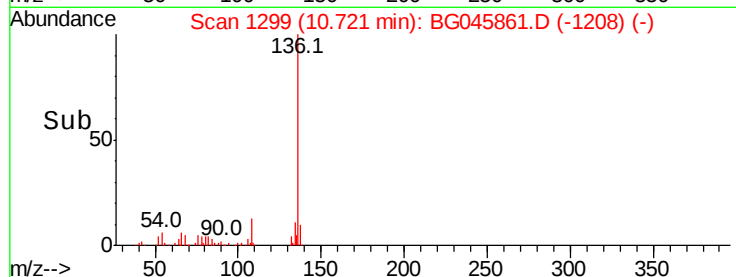
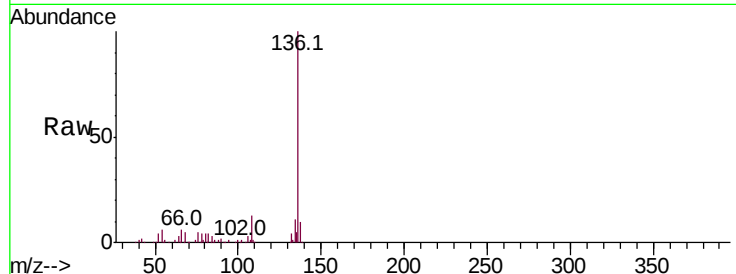




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.72 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BG045861.D
Acq: 25 Jun 2020 17:26

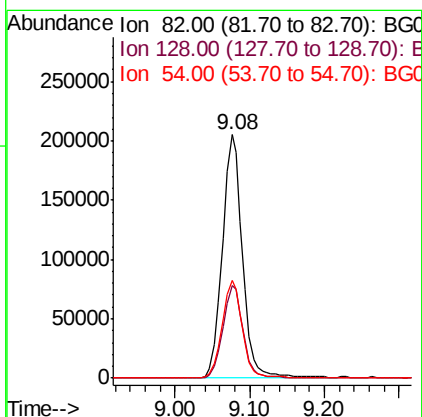
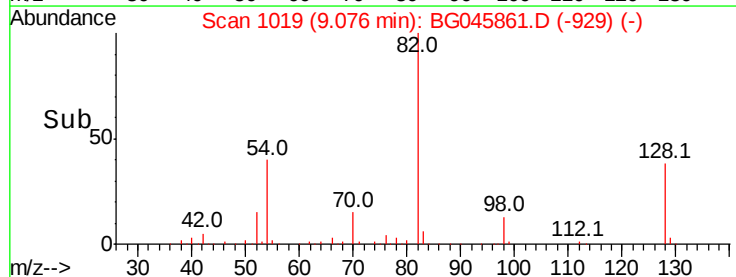
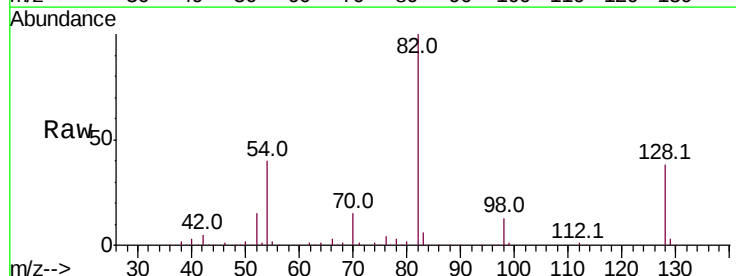
Instrument :
BNA_G
ClientSampleId :
EBS8-W-04

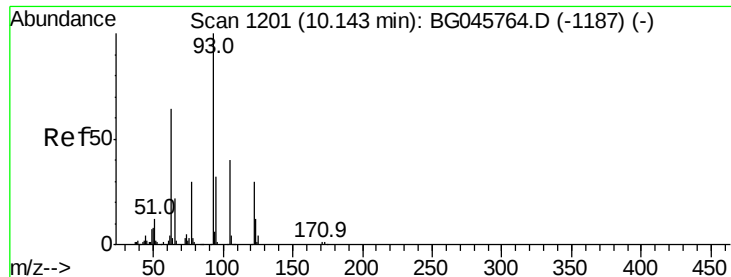
Tot Ion:	136	Resp:	193973
Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.7	13.1
54	5.7	5.8	8.6#
68	4.6	4.0	6.0



#23
Nitrobenzene-d5
Concen: 90.840 ng
RT: 9.08 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BG045861.D
Acq: 25 Jun 2020 17:26

Tgt Ion:	82	Resp:	385709
Ion	Ratio	Lower	Upper
82	100		
128	38.0	32.5	48.7
54	40.0	31.2	46.8





#32

Benzoic acid

Concen: 9.007 ng

RT: 10.06 min Scan# 1186

Delta R.T. -0.08 min

Lab File: BG045861.D

Acq: 25 Jun 2020 17:26

Instrument :

BNA_G

ClientSampleId :

EBS8-W-04

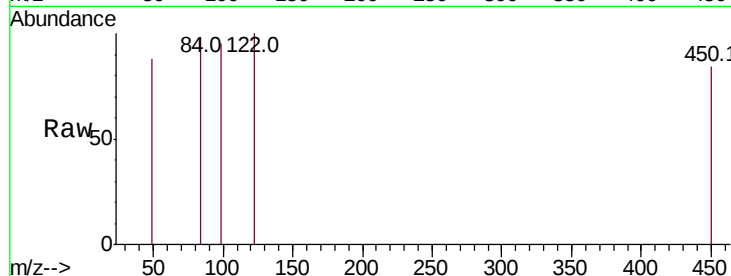
Tot Ion:122 Resp: 66

Ion Ratio Lower Upper

122 100

105 0.0 112.9 152.9#

77 0.0 79.2 119.2#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC

250

200

150

100

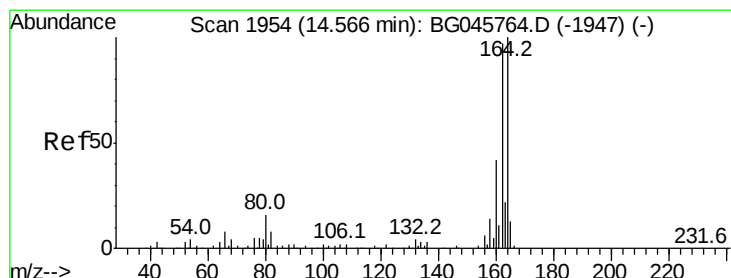
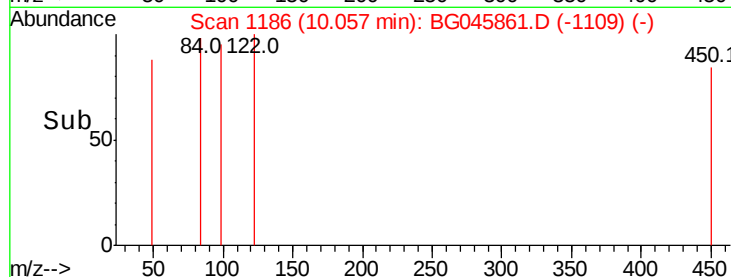
50

0

10.04

10.06

Time-->



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.56 min Scan# 1953

Delta R.T. -0.00 min

Lab File: BG045861.D

Acq: 25 Jun 2020 17:26

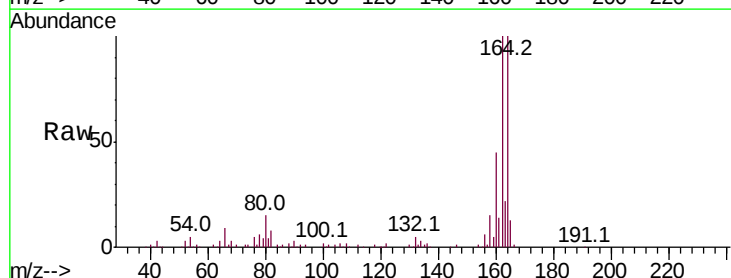
Tgt Ion:164 Resp: 135058

Ion Ratio Lower Upper

164 100

162 100.2 77.4 116.0

160 44.8 33.3 49.9



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

100000

80000

60000

40000

20000

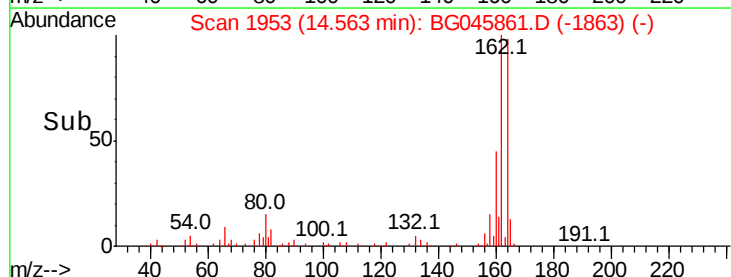
0

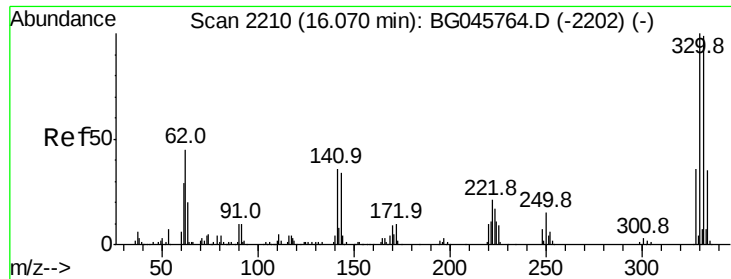
14.50

14.56

14.70

Time-->





#42

2,4,6-Tribromophenol

Concen: 131.979 ng

RT: 16.06 min Scan# 2208

Delta R.T. -0.00 min

Lab File: BG045861.D

Acq: 25 Jun 2020 17:26

Instrument :

BNA_G

ClientSampleId :

EBS8-W-04

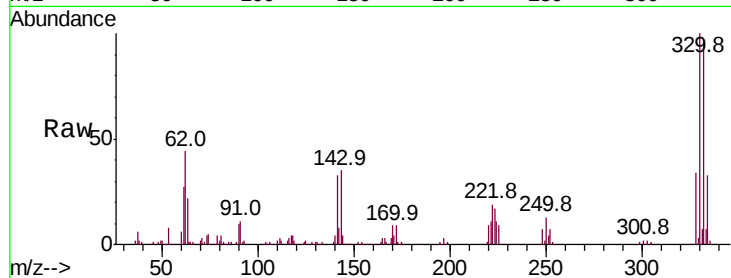
Tot Ion:330 Resp: 269108

Ion Ratio Lower Upper

330 100

332 98.3 78.6 117.8

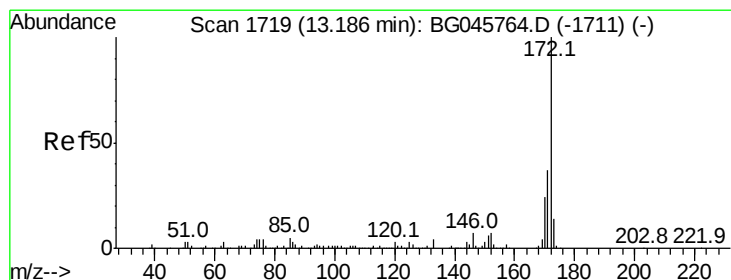
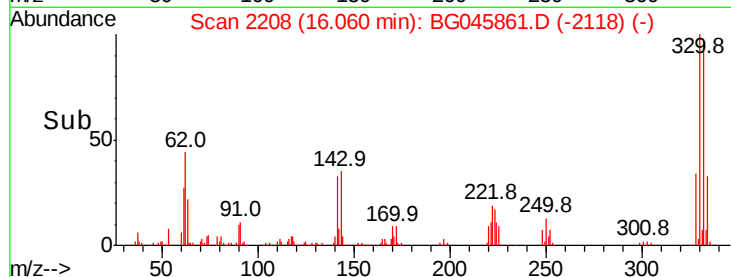
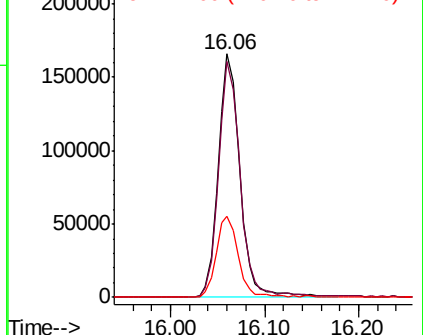
141 33.9 28.2 42.4



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



#45

2-Fluorobiphenyl

Concen: 93.458 ng

RT: 13.18 min Scan# 1718

Delta R.T. -0.00 min

Lab File: BG045861.D

Acq: 25 Jun 2020 17:26

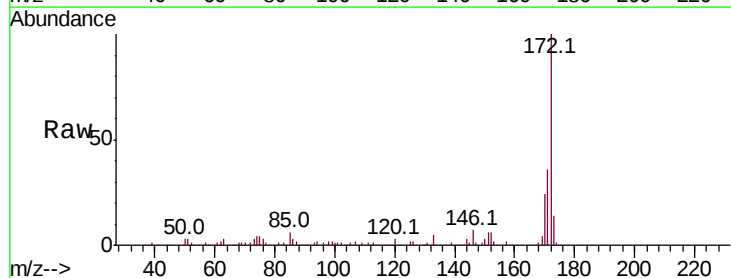
Tgt Ion:172 Resp: 858910

Ion Ratio Lower Upper

172 100

171 35.6 29.9 44.9

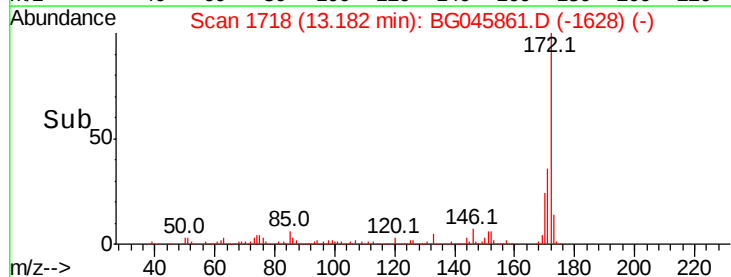
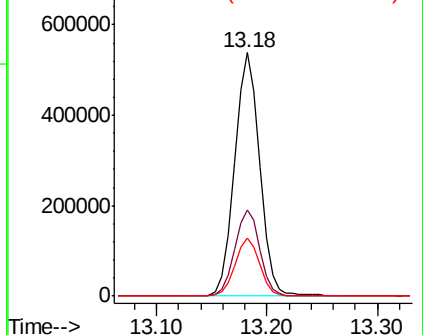
170 23.8 19.3 28.9

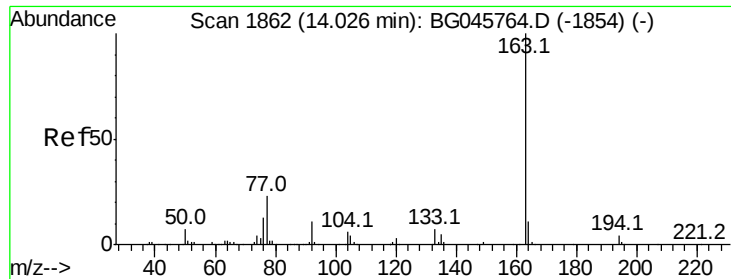


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 5.189 ng

RT: 14.02 min Scan# 1861

Delta R.T. -0.00 min

Lab File: BG045861.D

Acq: 25 Jun 2020 17:26

Instrument :

BNA_G

ClientSampleId :

EBS8-W-04

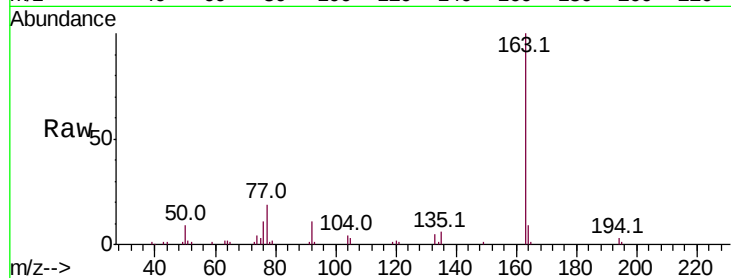
Tot Ion:163 Resp: 54897

Ion Ratio Lower Upper

163 100

194 3.0 3.4 5.0#

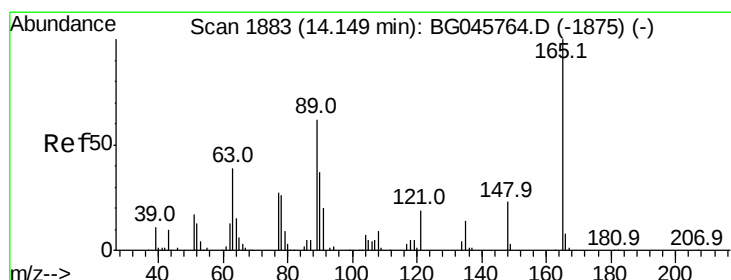
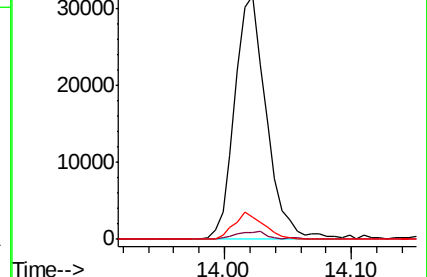
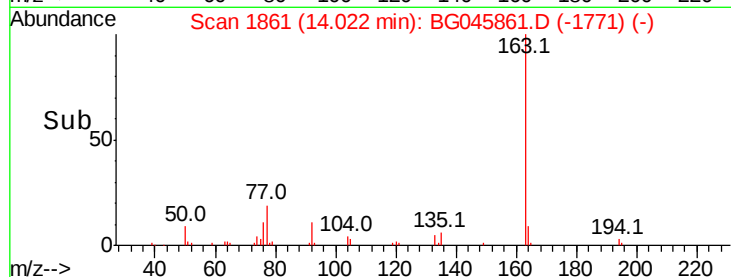
164 9.4 8.9 13.3



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



#51

2,6-Dinitrotoluene

Concen: 7.282 ng

RT: 14.56 min Scan# 1953

Delta R.T. 0.42 min

Lab File: BG045861.D

Acq: 25 Jun 2020 17:26

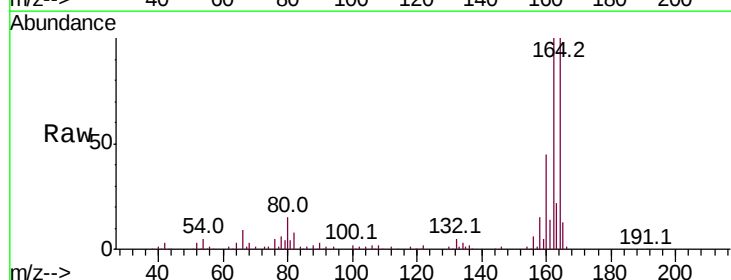
Tgt Ion:165 Resp: 17305

Ion Ratio Lower Upper

165 100

63 2.4 41.2 61.8#

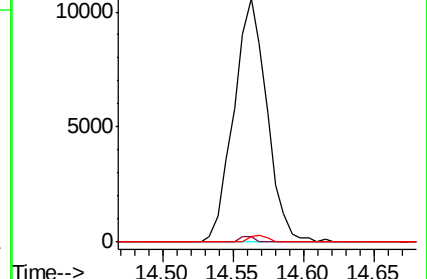
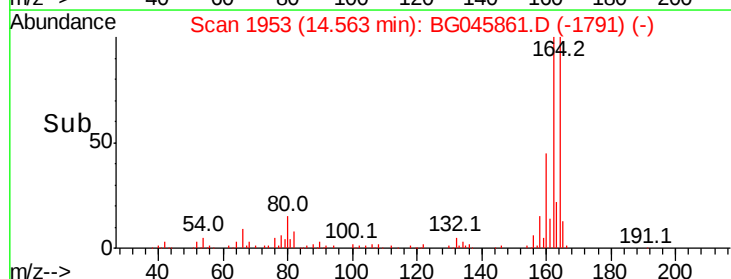
89 2.2 49.7 74.5#

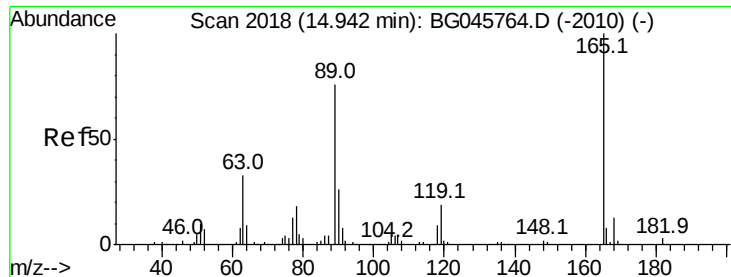


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

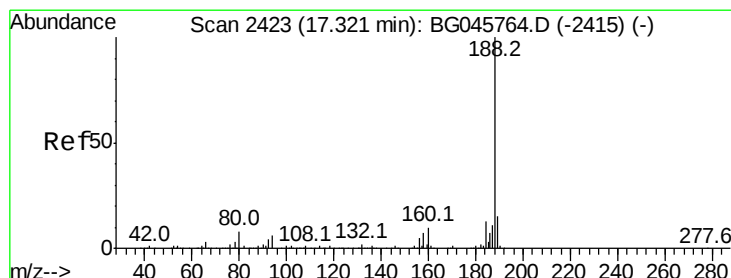
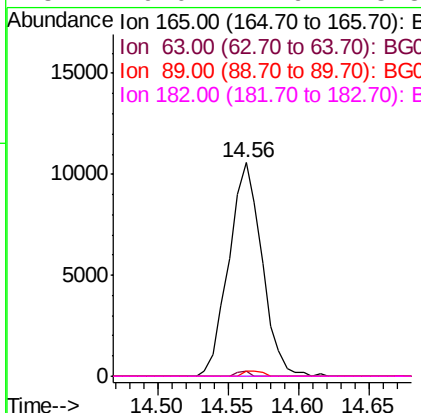
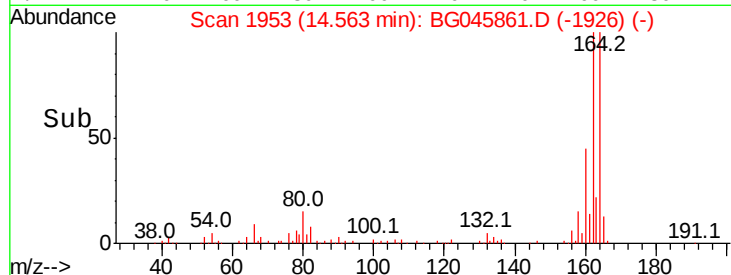
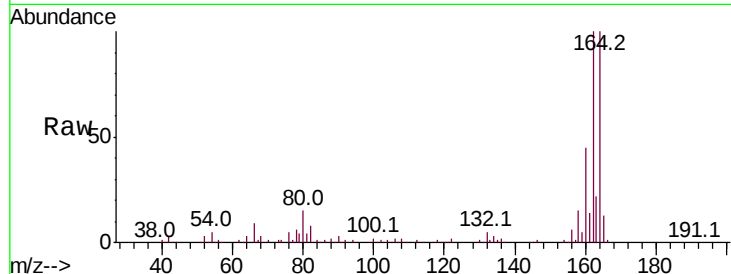




#57
 2,4-Dinitrotoluene
 Concen: 5.082 ng
 RT: 14.56 min Scan# 1953
 Delta R.T. -0.37 min
 Lab File: BG045861.D
 Acq: 25 Jun 2020 17:26

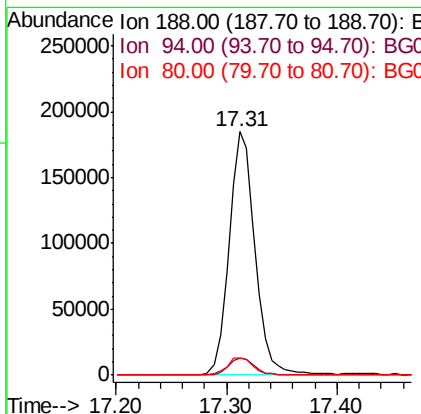
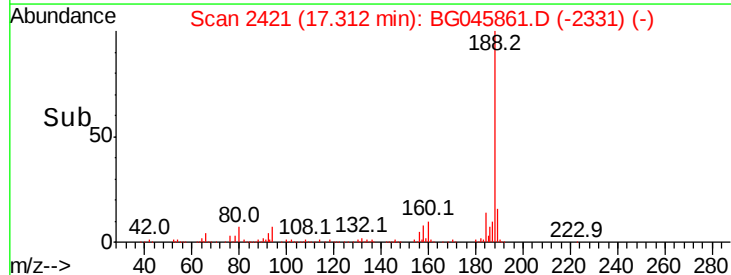
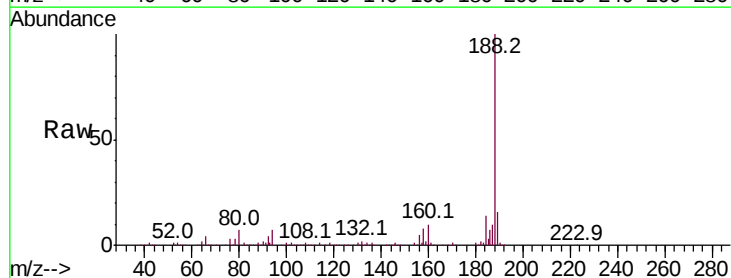
Instrument :
 BNA_G
 ClientSampleId :
 EBS8-W-04

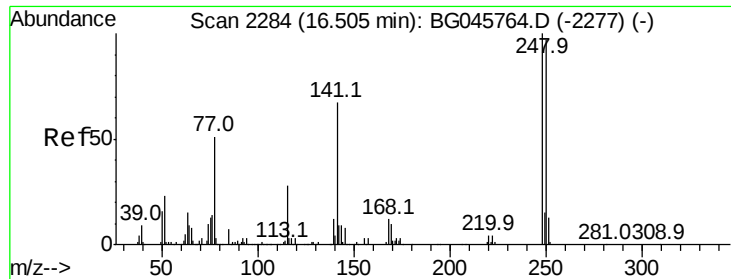
Tot Ion:165	Resp: 17305
Ion Ratio	Lower Upper
165 100	
63 2.4	33.8 50.8#
89 2.2	60.4 90.6#
182 0.0	2.6 3.8#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.31 min Scan# 2421
 Delta R.T. -0.00 min
 Lab File: BG045861.D
 Acq: 25 Jun 2020 17:26

Tgt Ion	188	Resp: Lower	303160
Ion	Ratio		Upper
188	100		
94	6.7	5.1	7.7
80	7.0	6.2	9.4

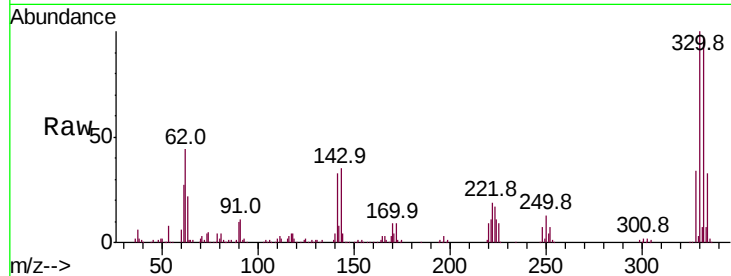




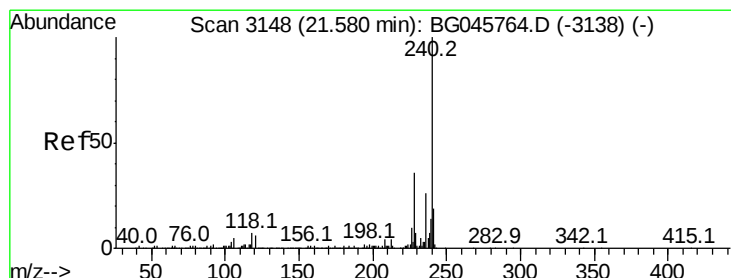
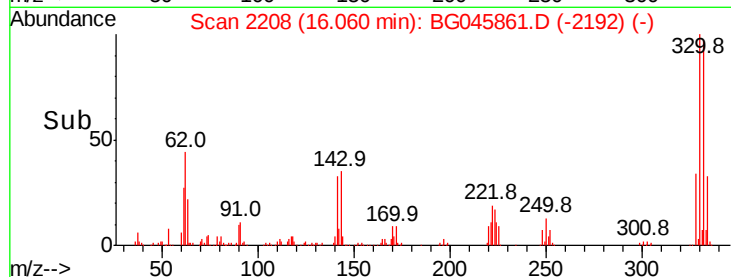
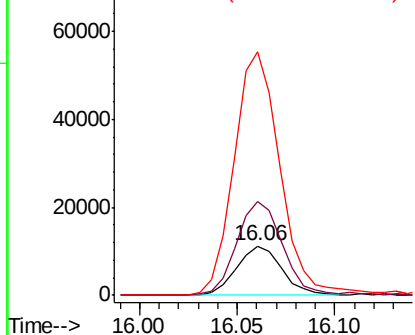
#67
4-Bromophenyl-phenylether
Concen: 4.564 ng
RT: 16.06 min Scan# 2208
Delta R.T. -0.44 min
Lab File: BG045861.D
Acq: 25 Jun 2020 17:26

Instrument :
BNA_G
ClientSampleId :
EBS8-W-04

Tot Ion:248 Resp: 17979
Ion Ratio Lower Upper
248 100
250 189.6 78.0 117.0#
141 491.7 53.9 80.9#

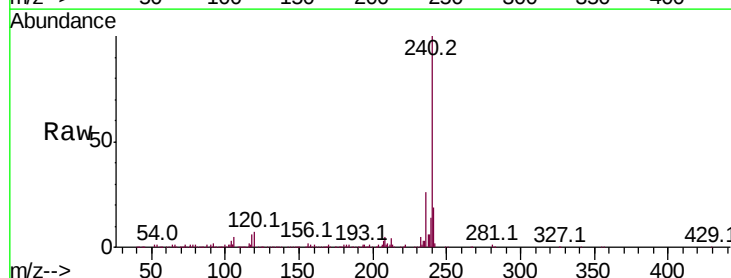


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

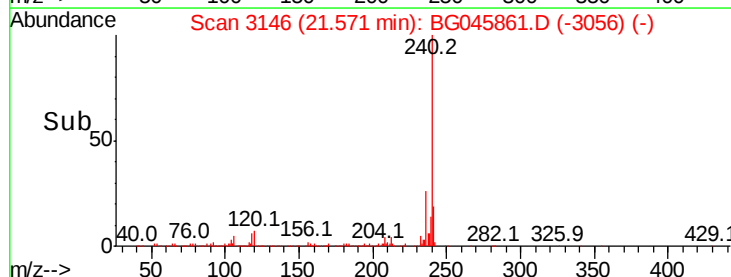
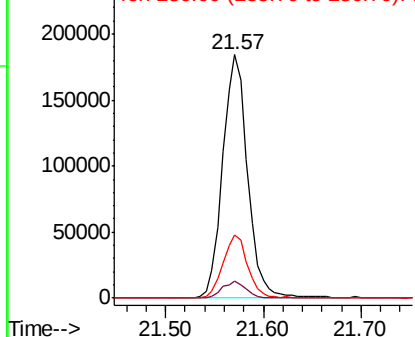


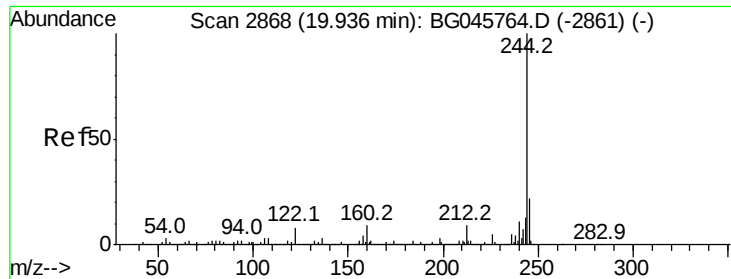
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.57 min Scan# 3146
Delta R.T. -0.00 min
Lab File: BG045861.D
Acq: 25 Jun 2020 17:26

Tgt Ion:240 Resp: 326639
Ion Ratio Lower Upper
240 100
120 6.9 5.0 7.4
236 26.1 20.6 30.8



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





#79

Terphenyl-d14

Concen: 98.213 ng

RT: 19.93 min Scan# 2867

Delta R.T. -0.00 min

Lab File: BG045861.D

Acq: 25 Jun 2020 17:26

Instrument :

BNA_G

ClientSampleId :

EBS8-W-04

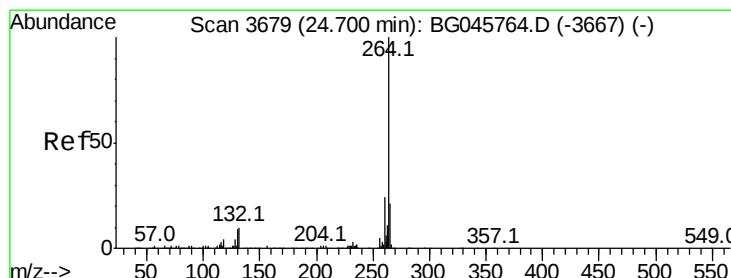
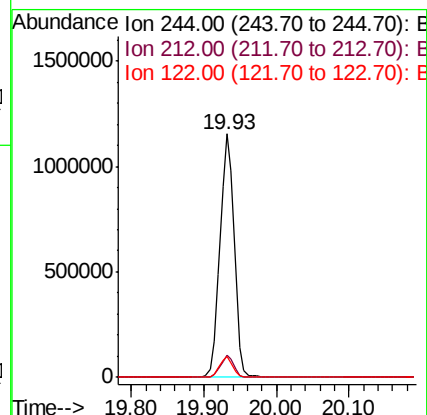
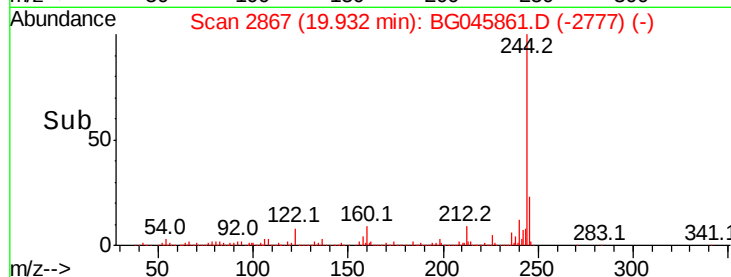
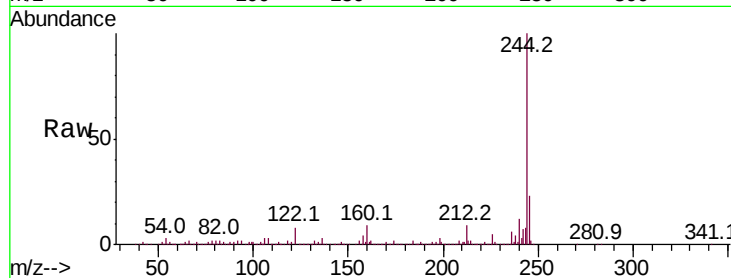
Tot Ion:244 Resp: 1582960

Ion Ratio Lower Upper

244 100

212 9.4 7.2 10.8

122 8.4 6.4 9.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.70 min Scan# 3678

Delta R.T. -0.00 min

Lab File: BG045861.D

Acq: 25 Jun 2020 17:26

Tgt Ion:264 Resp: 326591

Ion Ratio Lower Upper

264 100

260 26.1 19.0 28.4

265 21.8 17.4 26.0

