

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062620\
 Data File : BG045871.D
 Acq On : 26 Jun 2020 13:22
 Operator : CG/JU
 Sample : L3101-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EBS8-S-02

Quant Time: Jun 26 14:10:21 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

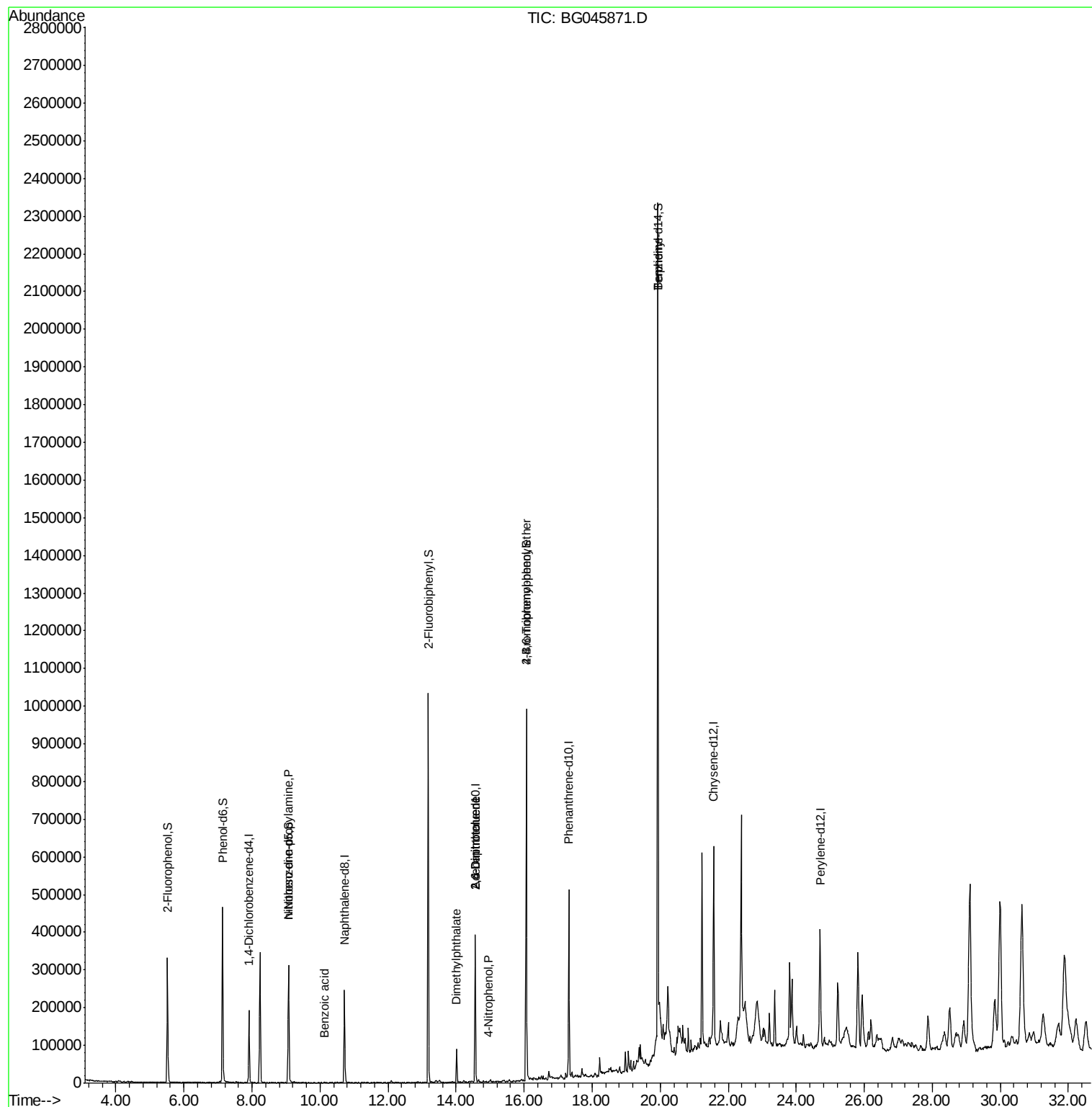
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	55713	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	215185	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	149481	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	329424	20.00	ng	0.00
76) Chrysene-d12	21.57	240	305226	20.00	ng	0.00
86) Perylene-d12	24.70	264	315479	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	163055	49.44	ng	0.00
7) Phenol-d6	7.13	99	293989	58.60	ng	0.00
23) Nitrobenzene-d5	9.07	82	218096	46.30	ng	0.00
42) 2,4,6-Tribromophenol	16.06	330	211174	93.57	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	559236	54.98	ng	0.00
79) Terphenyl-d14	19.94	244	1073496	71.28	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.07	70	30096	9.125	ng	# 78
32) Benzoic acid	10.14	122	117	9.024	ng	# 50
50) Dimethylphthalate	14.01	163	60452	5.162	ng	100
51) 2,6-Dinitrotoluene	14.56	165	20399	7.756	ng	# 24
56) 4-Nitrophenol	14.95	139	65	4.006	ng	# 1
57) 2,4-Dinitrotoluene	14.56	165	20399	5.413	ng	# 23
67) 4-Bromophenyl-phenylether	16.06	248	14583	3.407	ng	# 1
77) Benzidine	19.93	184	19736	2.487	ng	# 93

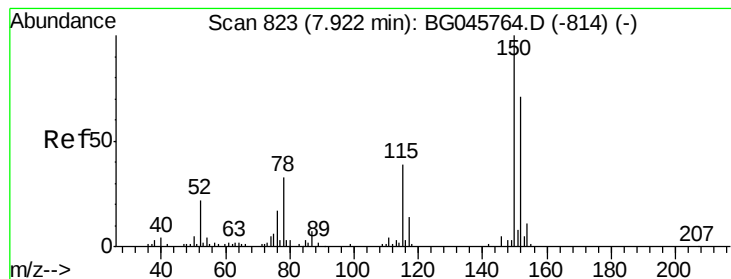
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Time: Jun 26 14:10:21 2020
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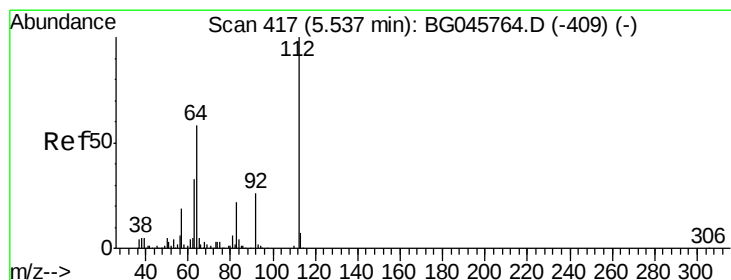
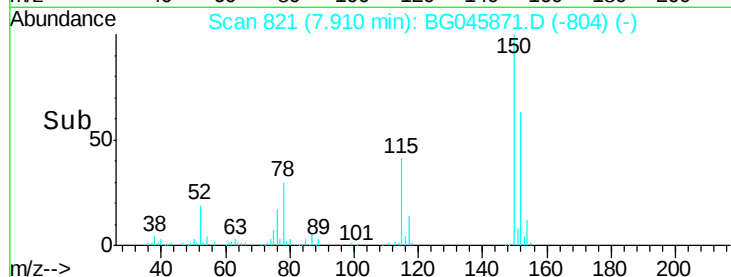
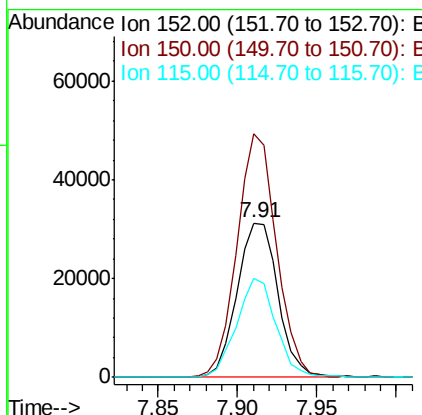
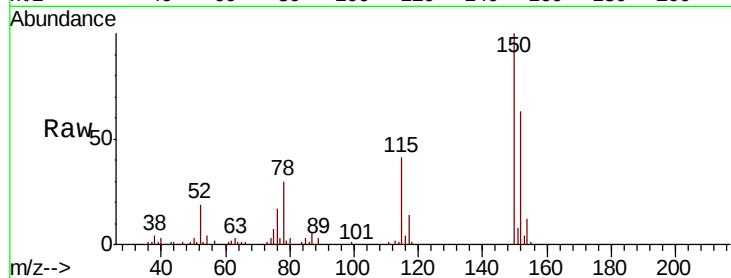


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.91 min Scan# 821
Delta R.T. 0.00 min
Lab File: BG045871.D
Acq: 26 Jun 2020 13:22

Instrument :
BNA_G
ClientSampleId :
EBS8-S-02

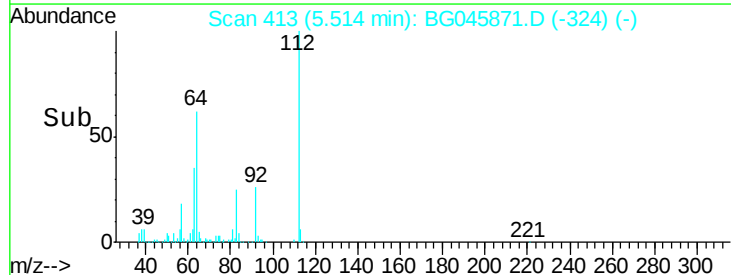
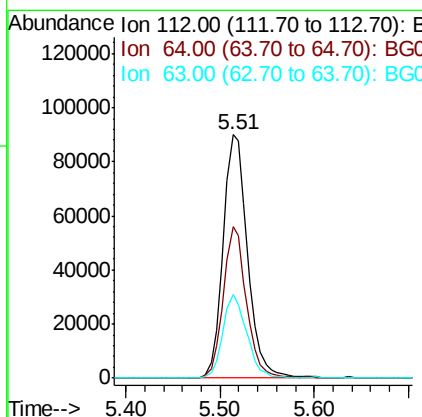
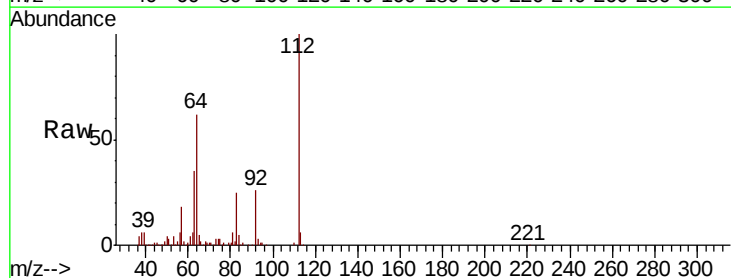
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.0	113.1	169.7
115	64.3	43.8	65.6

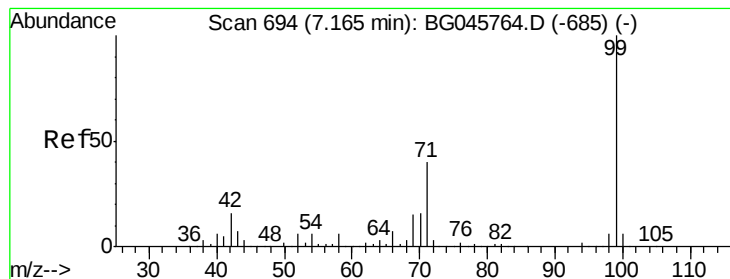


#5

2-Fluorophenol
Concen: 49.439 ng
RT: 5.51 min Scan# 413
Delta R.T. -0.01 min
Lab File: BG045871.D
Acq: 26 Jun 2020 13:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.1	46.6	69.8
63	34.5	26.3	39.5





#7

Phenol-d6

Concen: 58.602 ng

RT: 7.13 min Scan# 689

Delta R.T. 0.00 min

Lab File: BG045871.D

Acq: 26 Jun 2020 13:22

Instrument :

BNA_G

ClientSampleId :

EBS8-S-02

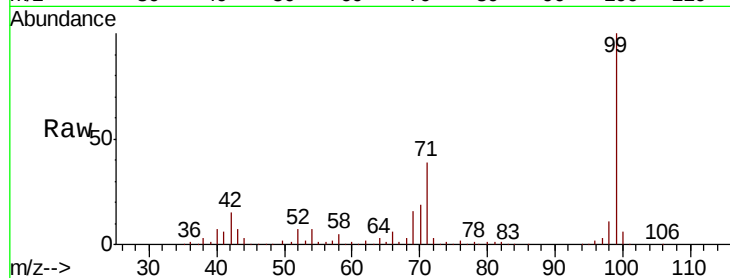
Tot Ion: 99 Resp: 293989

Ion Ratio Lower Upper

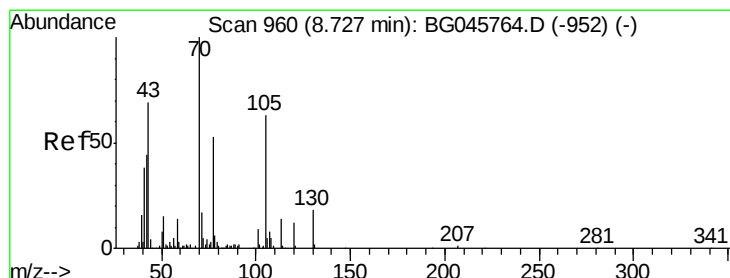
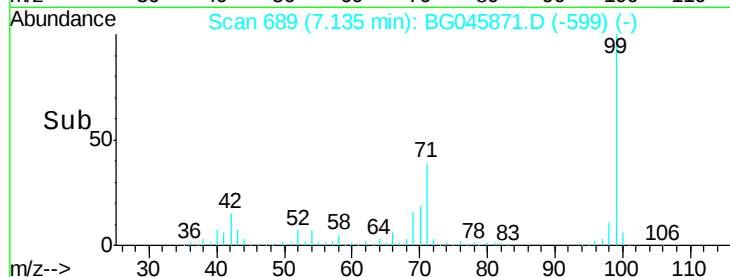
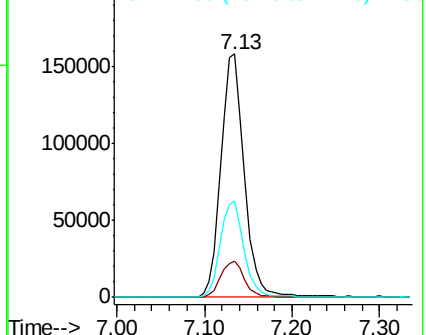
99 100

42 15.1 12.4 18.6

71 39.4 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: 9.125 ng

RT: 9.07 min Scan# 1019

Delta R.T. 0.35 min

Lab File: BG045871.D

Acq: 26 Jun 2020 13:22

Tgt Ion: 70 Resp: 30096

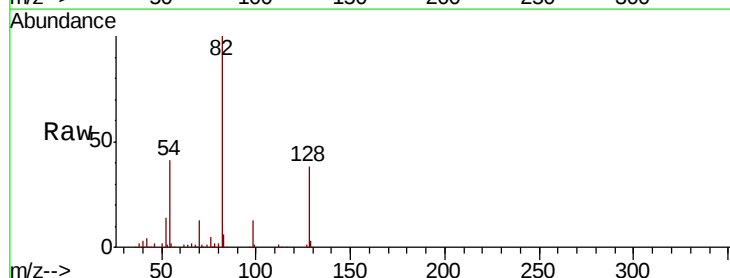
Ion Ratio Lower Upper

70 100

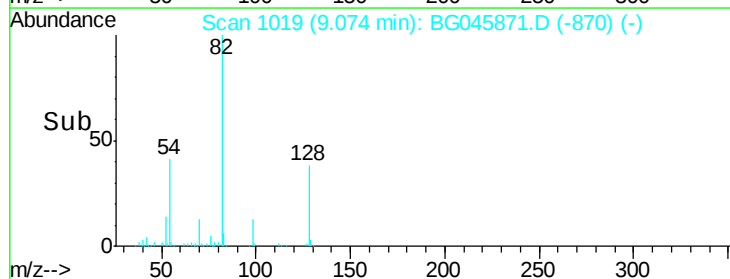
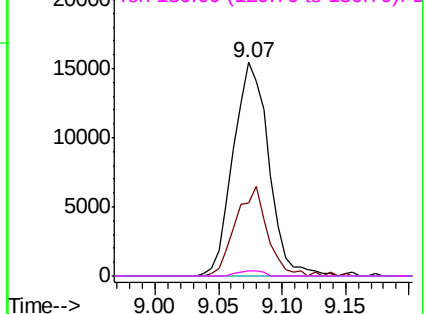
42 34.0 35.1 52.7#

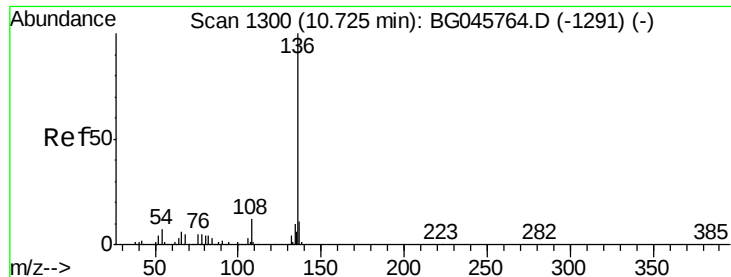
101 0.0 7.4 11.0#

130 2.2 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

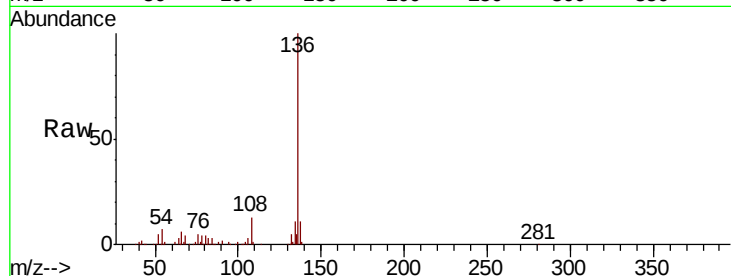




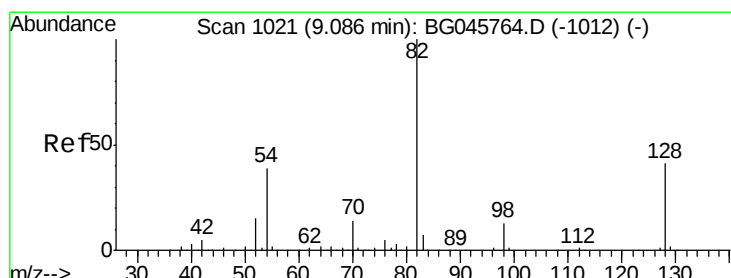
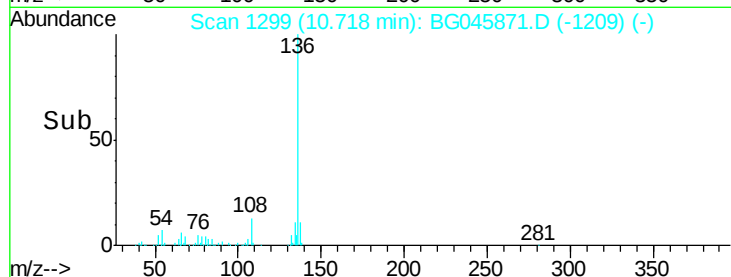
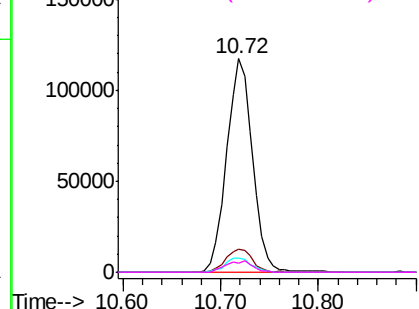
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.72 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BG045871.D
Acq: 26 Jun 2020 13:22

Instrument :
BNA_G
ClientSampleId :
EBS8-S-02

Tot Ion:136	Resp:	215185
Ion	Ratio	Lower Upper
136	100	
137	10.9	8.7 13.1
54	6.8	5.8 8.6
68	4.4	4.0 6.0

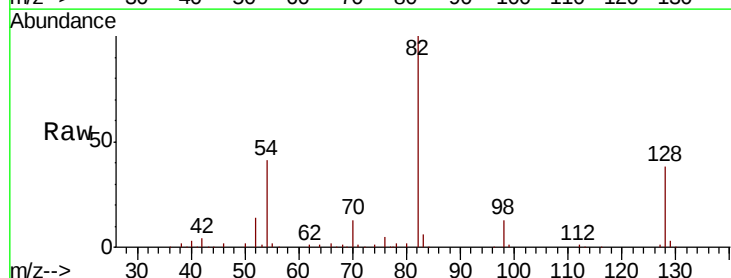


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

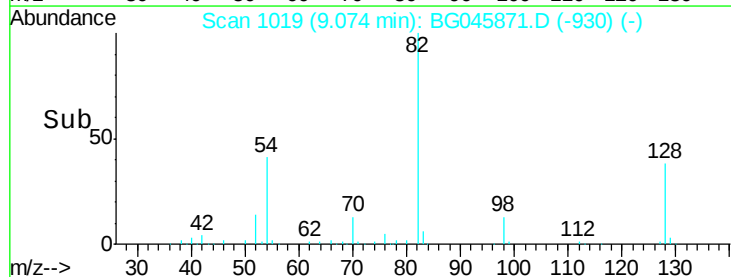
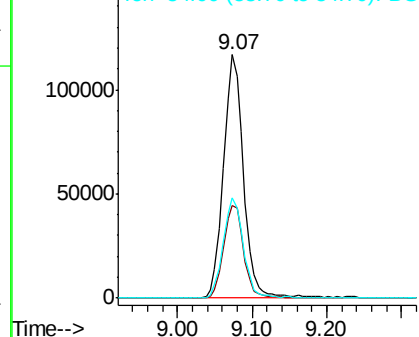


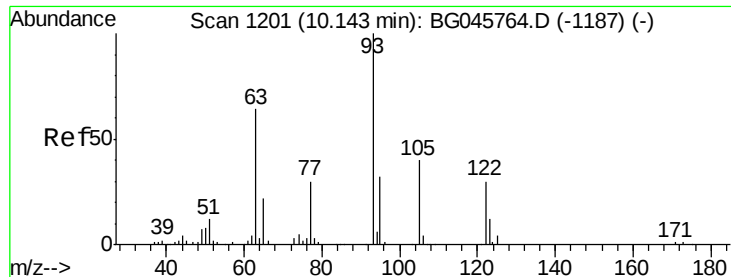
#23
Nitrobenzene-d5
Concen: 46.301 ng
RT: 9.07 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG045871.D
Acq: 26 Jun 2020 13:22

Tgt Ion: 82	Resp:	218096
Ion	Ratio	Lower Upper
82	100	
128	38.2	32.5 48.7
54	41.0	31.2 46.8



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC

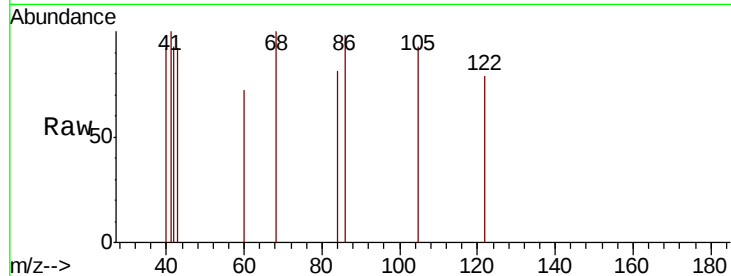




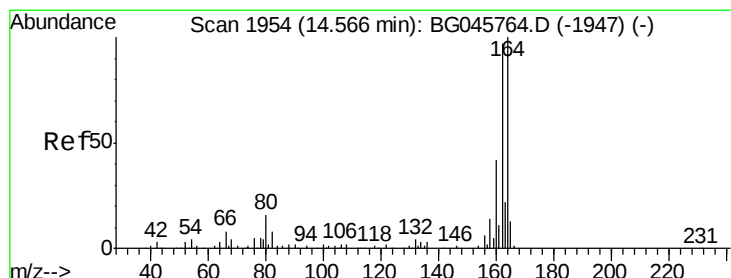
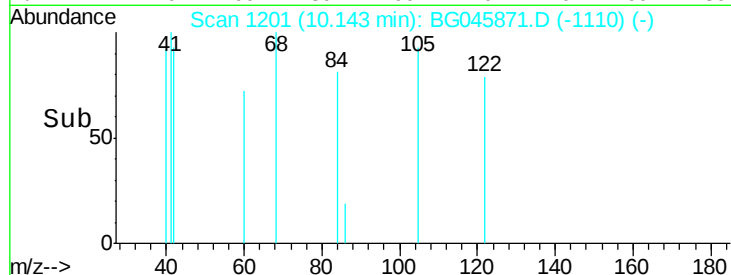
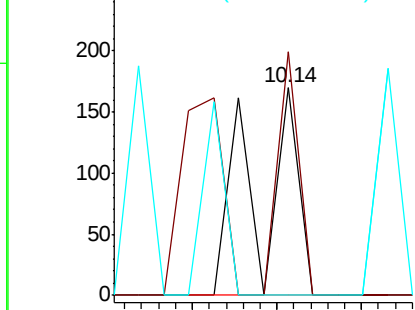
#32
Benzoic acid
Concen: 9.024 ng
RT: 10.14 min Scan# 1201
Delta R.T. 0.01 min
Lab File: BG045871.D
Acq: 26 Jun 2020 13:22

Instrument :
BNA_G
ClientSampleId :
EBS8-S-02

Tot Ion:122 Resp: 117
Ion Ratio Lower Upper
122 100
105 117.1 112.9 152.9
77 0.0 79.2 119.2#

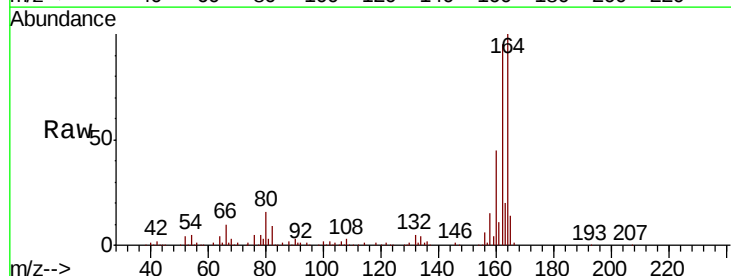


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGC

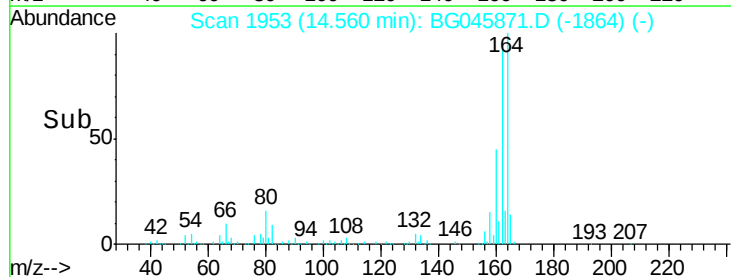
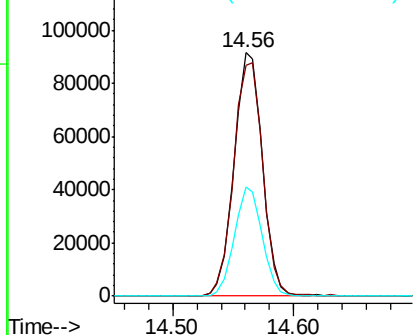


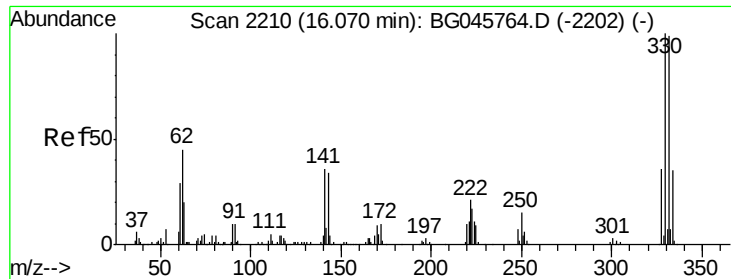
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.56 min Scan# 1953
Delta R.T. -0.01 min
Lab File: BG045871.D
Acq: 26 Jun 2020 13:22

Tgt Ion:164 Resp: 149481
Ion Ratio Lower Upper
164 100
162 95.1 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

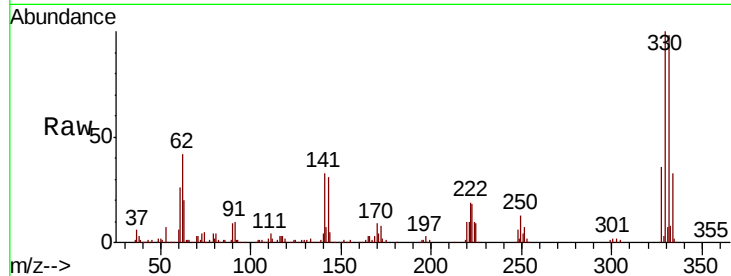




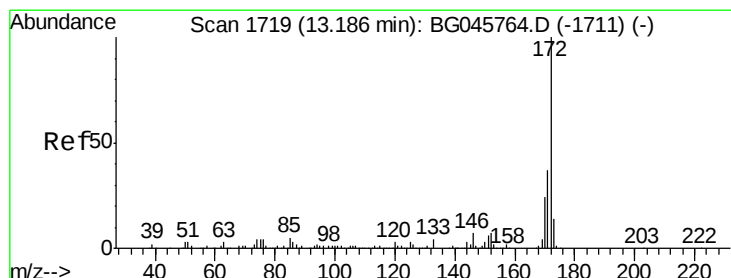
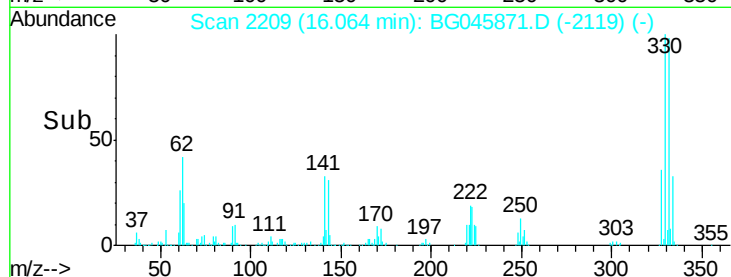
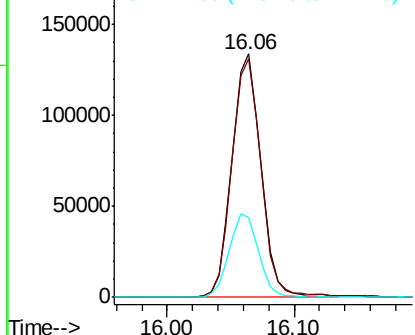
#42
 2,4,6-Tribromophenol
 Concen: 93.573 ng
 RT: 16.06 min Scan# 2209
 Delta R.T. 0.00 min
 Lab File: BG045871.D
 Acq: 26 Jun 2020 13:22

Instrument :
 BNA_G
 ClientSampleId :
 EBS8-S-02

Tot Ion	Ratio	Lower	Upper
330	100		
332	99.1	78.6	117.8
141	34.8	28.2	42.4

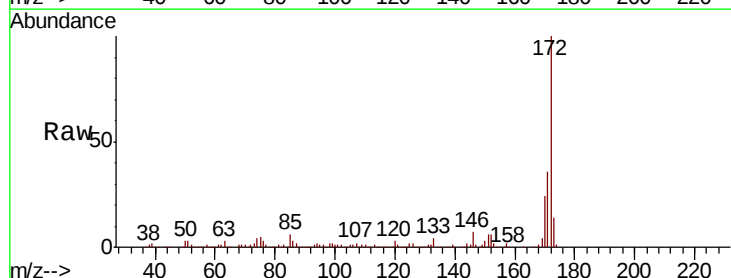


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

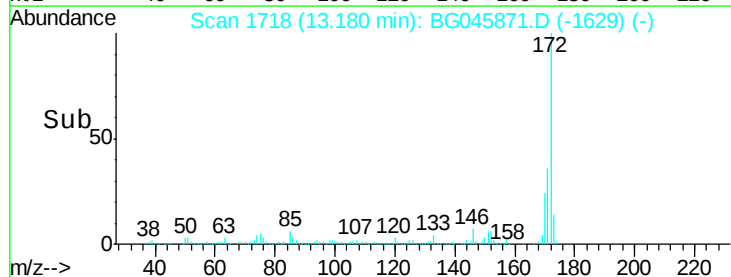
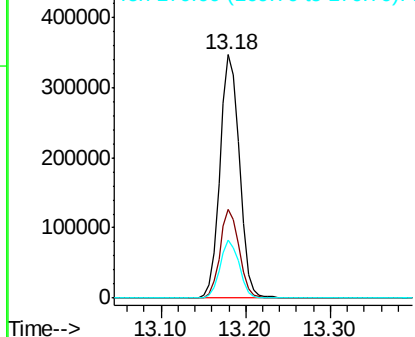


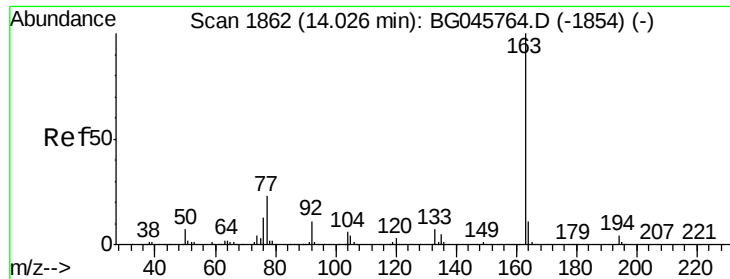
#45
 2-Fluorobiphenyl
 Concen: 54.979 ng
 RT: 13.18 min Scan# 1718
 Delta R.T. -0.01 min
 Lab File: BG045871.D
 Acq: 26 Jun 2020 13:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.9	44.9
170	23.9	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: 5.162 ng

RT: 14.01 min Scan# 1860

Delta R.T. -0.01 min

Lab File: BG045871.D

Acq: 26 Jun 2020 13:22

Instrument :

BNA_G

ClientSampleId :

EBS8-S-02

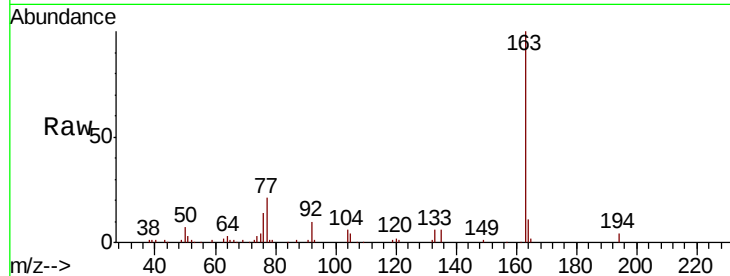
Tot Ion:163 Resp: 60452

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.0

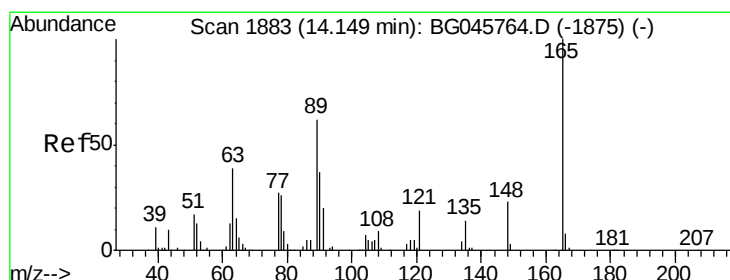
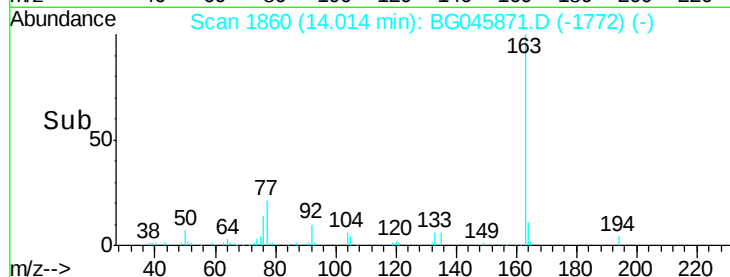
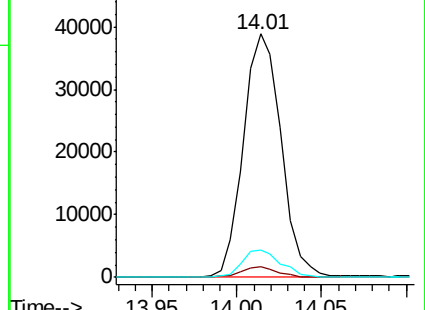
164 11.0 8.9 13.3



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: 7.756 ng

RT: 14.56 min Scan# 1953

Delta R.T. 0.42 min

Lab File: BG045871.D

Acq: 26 Jun 2020 13:22

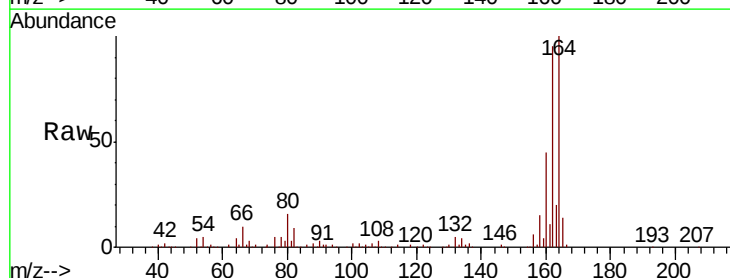
Tgt Ion:165 Resp: 20399

Ion Ratio Lower Upper

165 100

63 0.0 41.2 61.8#

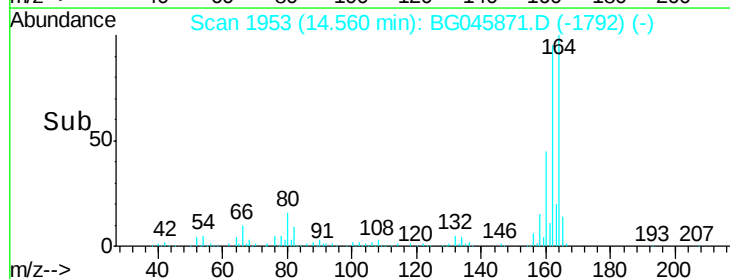
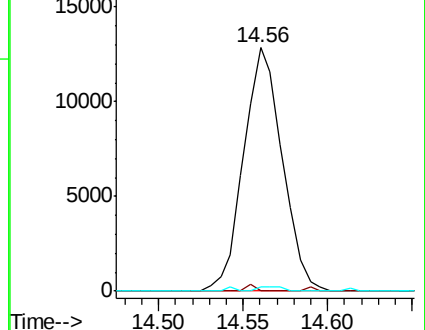
89 1.9 49.7 74.5#

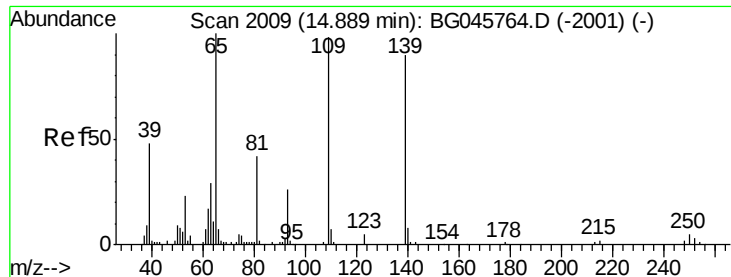


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#56

4-Nitrophenol

Concen: 4.006 ng

RT: 14.95 min Scan# 2019

Delta R.T. 0.09 min

Lab File: BG045871.D

Acq: 26 Jun 2020 13:22

Instrument :

BNA_G

ClientSampleId :

EBS8-S-02

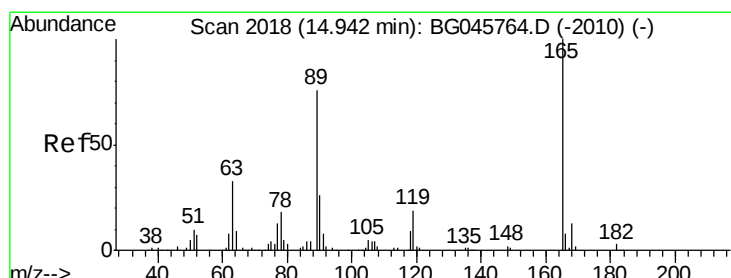
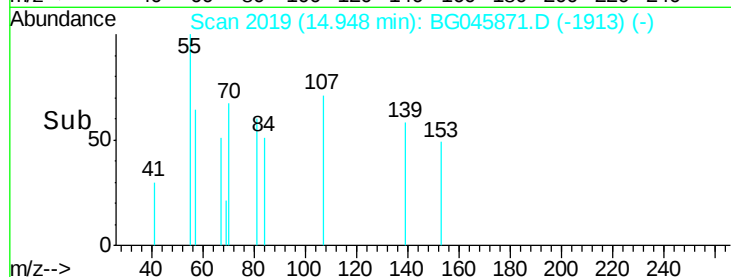
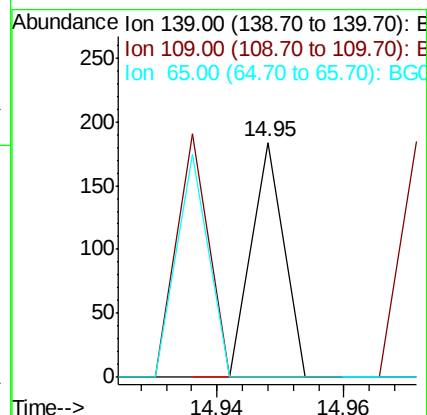
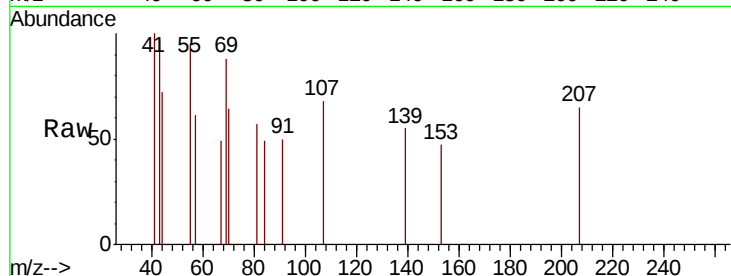
Tot Ion:139 Resp: 65

Ion Ratio Lower Upper

139 100

109 0.0 88.9 128.9#

65 0.0 92.3 132.3#



#57

2,4-Dinitrotoluene

Concen: 5.413 ng

RT: 14.56 min Scan# 1953

Delta R.T. -0.38 min

Lab File: BG045871.D

Acq: 26 Jun 2020 13:22

Tgt Ion:165 Resp: 20399

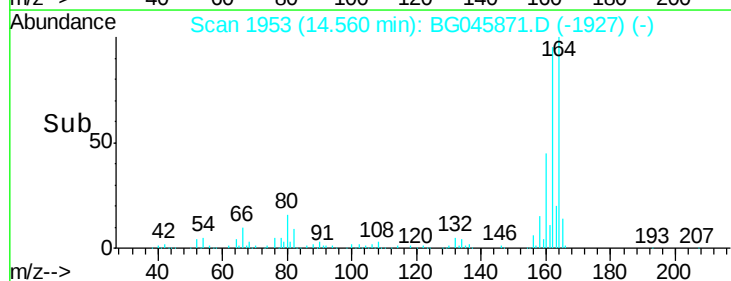
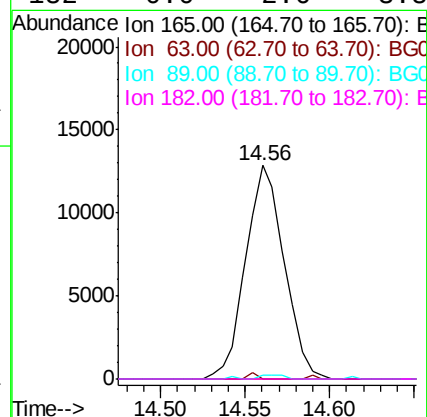
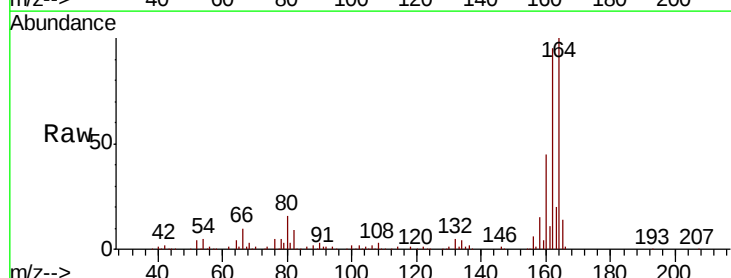
Ion Ratio Lower Upper

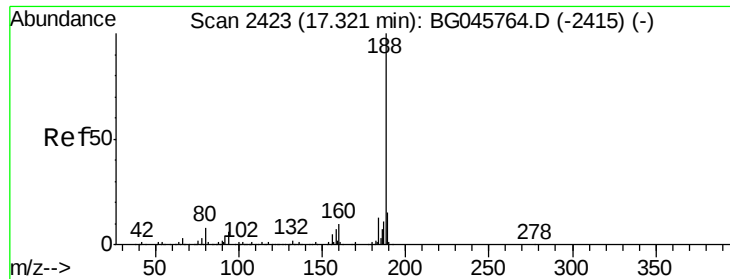
165 100

63 0.0 33.8 50.8#

89 1.9 60.4 90.6#

182 0.0 2.6 3.8#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.32 min Scan# 2422

Delta R.T. 0.00 min

Lab File: BG045871.D

Acq: 26 Jun 2020 13:22

Instrument :

BNA_G

ClientSampled :

EBS8-S-02

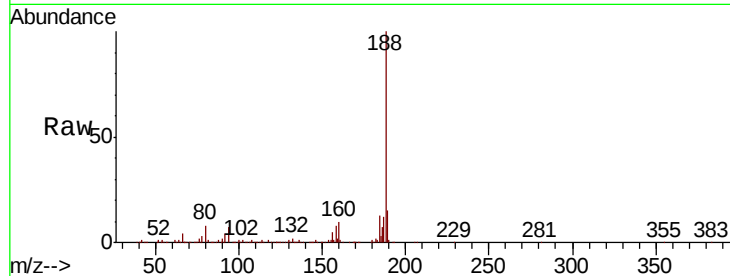
Tot Ion:188 Resp: 329424

Ion Ratio Lower Upper

188 100

94 6.9 5.1 7.7

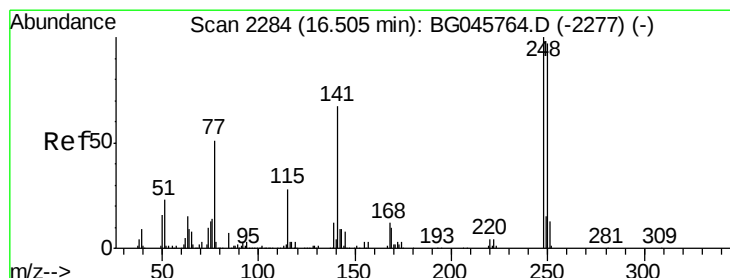
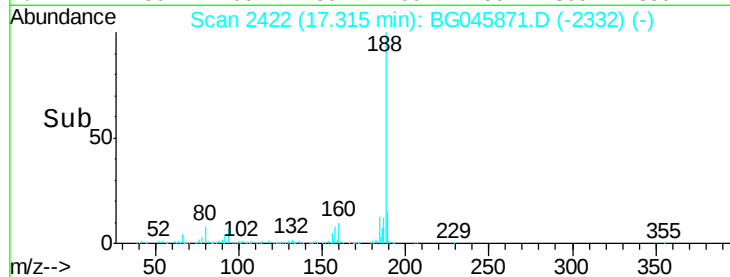
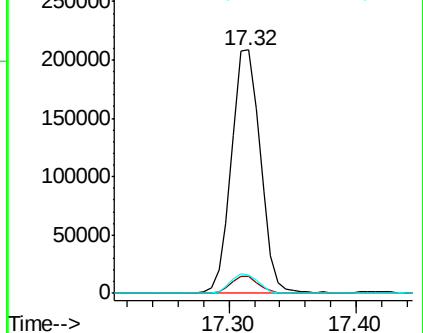
80 7.8 6.2 9.4



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#67

4-Bromophenyl-phenylether

Concen: 3.407 ng

RT: 16.06 min Scan# 2208

Delta R.T. -0.44 min

Lab File: BG045871.D

Acq: 26 Jun 2020 13:22

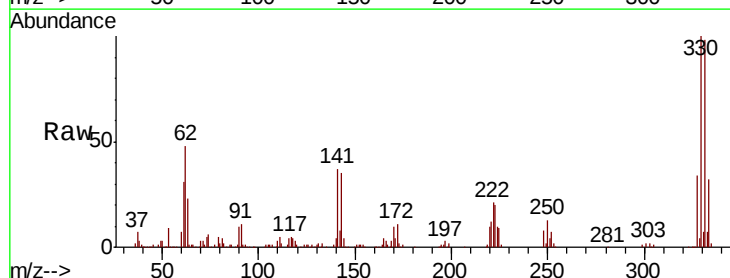
Tgt Ion:248 Resp: 14583

Ion Ratio Lower Upper

248 100

250 160.3 78.0 117.0#

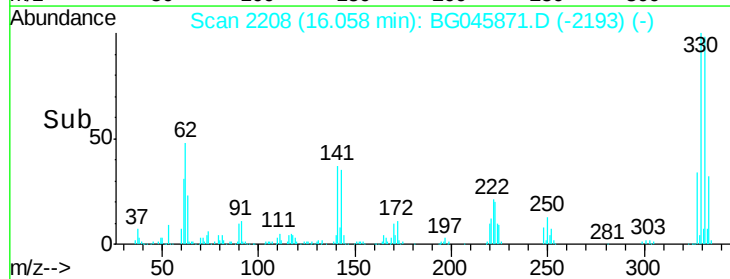
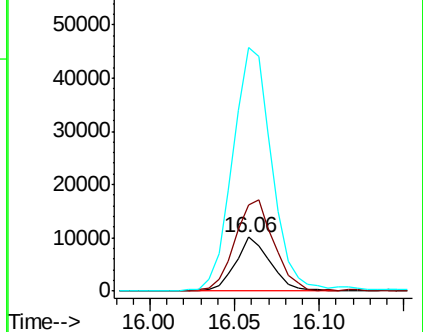
141 452.6 53.9 80.9#

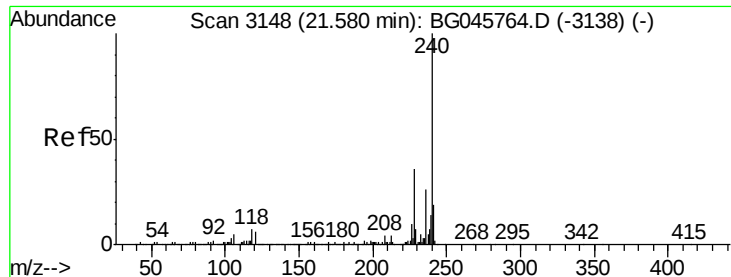


Abundance Ion 248.00 (247.70 to 248.70): E

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. -0.01 min

Lab File: BG045871.D

Acq: 26 Jun 2020 13:22

Instrument :

BNA_G

ClientSampleId :

EBS8-S-02

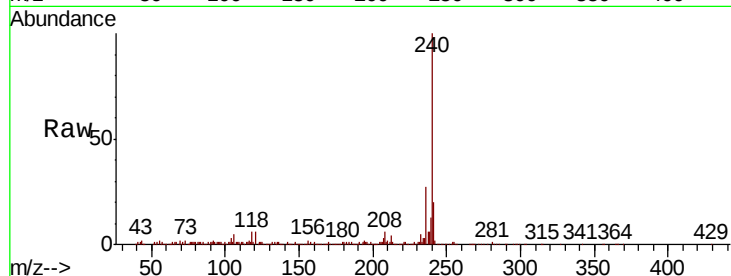
Tot Ion:240 Resp: 305226

Ion Ratio Lower Upper

240 100

120 6.4 5.0 7.4

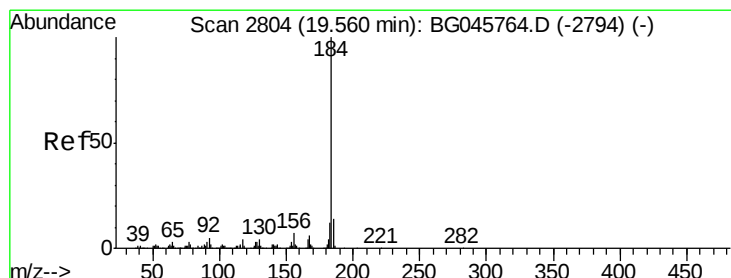
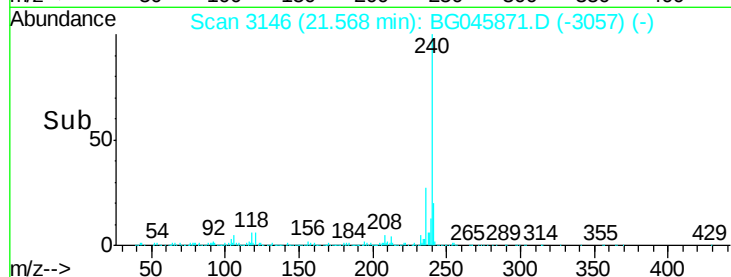
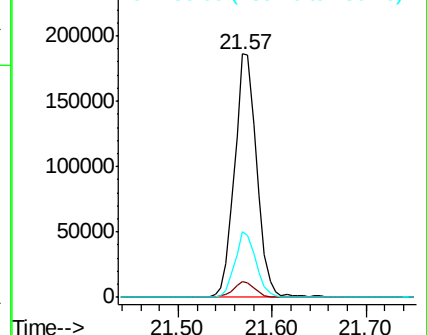
236 27.1 20.6 30.8



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



#77

Benzidine

Concen: 2.487 ng

RT: 19.93 min Scan# 2867

Delta R.T. 0.38 min

Lab File: BG045871.D

Acq: 26 Jun 2020 13:22

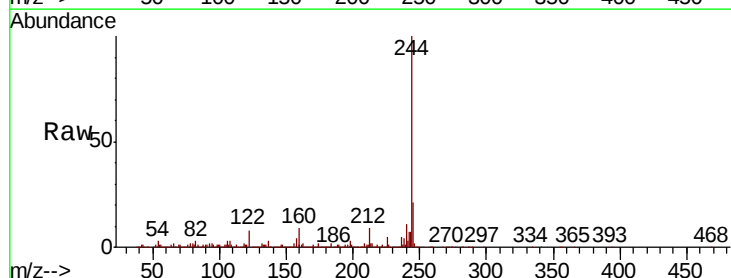
Tgt Ion:184 Resp: 19736

Ion Ratio Lower Upper

184 100

185 14.5 11.1 16.7

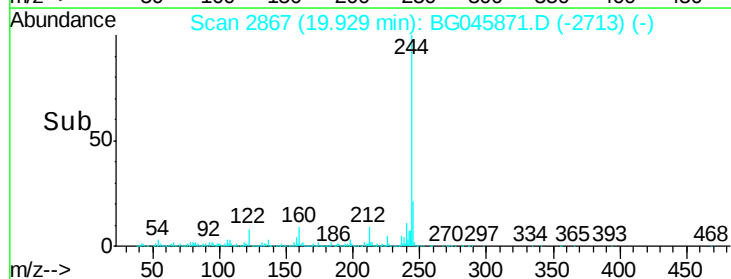
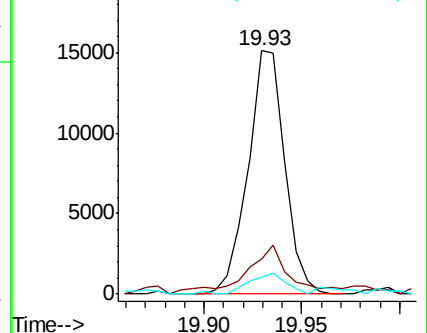
183 7.2 9.7 14.5#

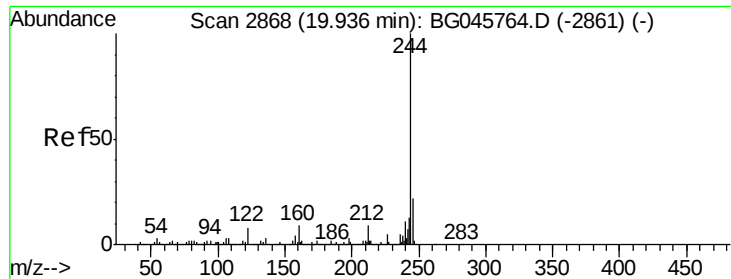


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#79

Terphenyl-d14

Concen: 71.276 ng

RT: 19.94 min Scan# 2868

Delta R.T. 0.00 min

Lab File: BG045871.D

Acq: 26 Jun 2020 13:22

Instrument :

BNA_G

ClientSampleId :

EBS8-S-02

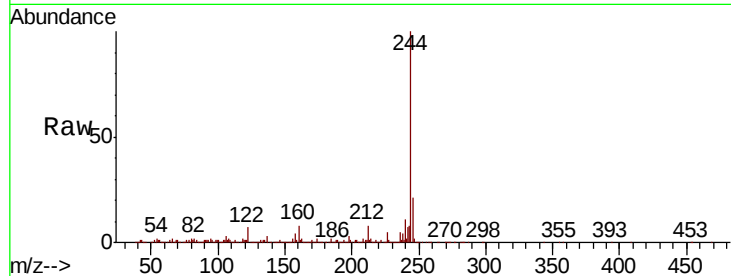
Tot Ion:244 Resp: 1073496

Ion Ratio Lower Upper

244 100

212 8.3 7.2 10.8

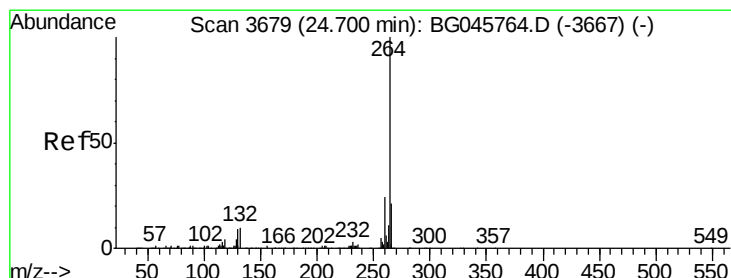
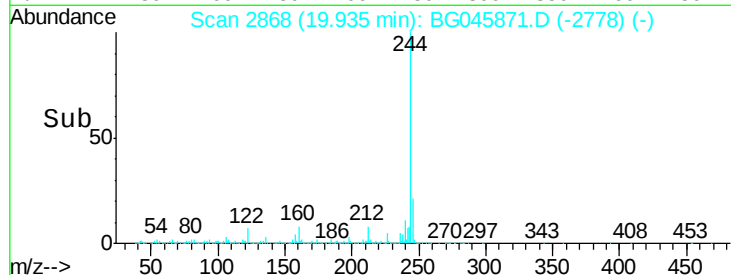
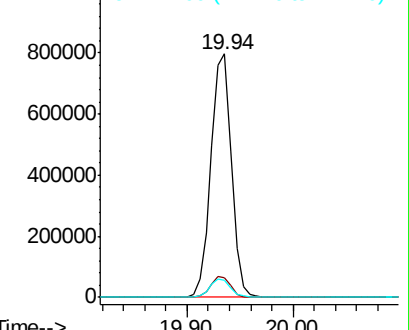
122 7.2 6.4 9.6



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.70 min Scan# 3679

Delta R.T. 0.00 min

Lab File: BG045871.D

Acq: 26 Jun 2020 13:22

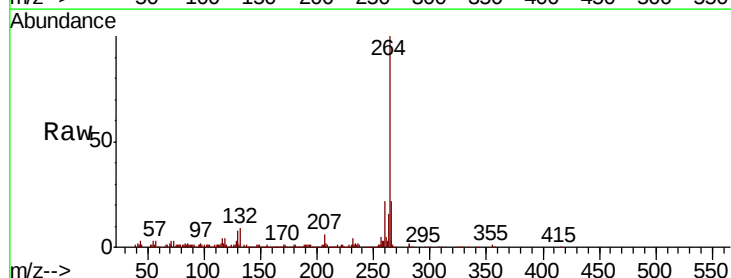
Tgt Ion:264 Resp: 315479

Ion Ratio Lower Upper

264 100

260 21.8 19.0 28.4

265 22.3 17.4 26.0



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

