

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062620\
 Data File : BG045870.D
 Acq On : 26 Jun 2020 12:43
 Operator : CG/JU
 Sample : L3101-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EBS8-S-01

Quant Time: Jun 26 13:33:35 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

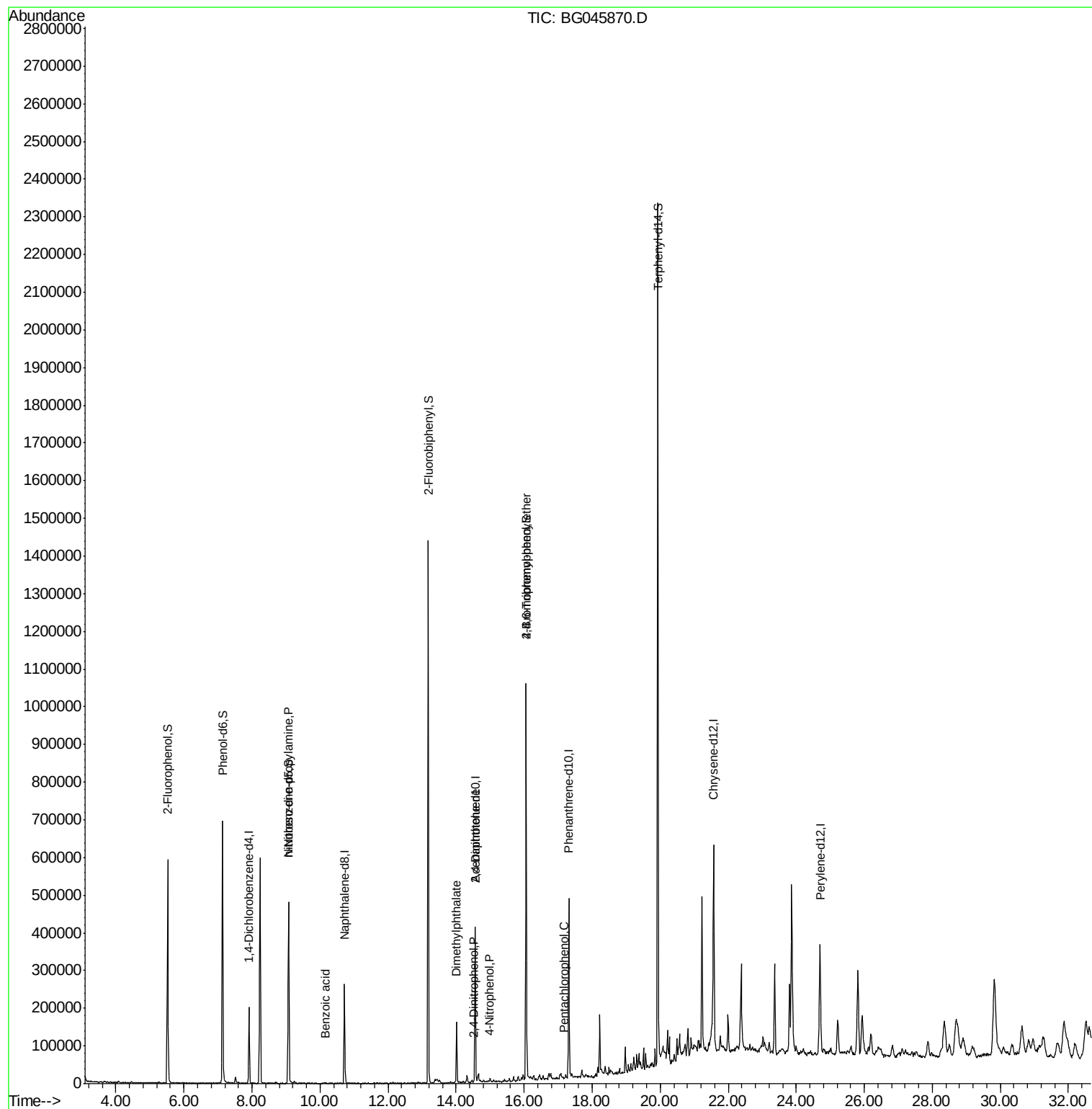
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	58298	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	230061	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	153558	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	320214	20.00	ng	0.00
76) Chrysene-d12	21.57	240	297001	20.00	ng	0.00
86) Perylene-d12	24.70	264	300498	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	298420	86.47	ng	0.00
7) Phenol-d6	7.13	99	460152	87.66	ng	0.00
23) Nitrobenzene-d5	9.07	82	330305	65.59	ng	0.00
42) 2,4,6-Tribromophenol	16.06	330	223864	96.56	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	742856	71.09	ng	0.00
79) Terphenyl-d14	19.93	244	1087763	74.22	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.07	70	46924	13.596	ng	# 81
32) Benzoic acid	10.14	122	61	9.000	ng	# 33
50) Dimethylphthalate	14.01	163	106368	8.842	ng	# 99
54) 2,4-Dinitrophenol	14.51	184	53	9.856	ng	# 17
56) 4-Nitrophenol	14.97	139	56	4.001	ng	# 1
57) 2,4-Dinitrotoluene	14.57	165	20376	5.263	ng	# 23
67) 4-Bromophenyl-phenylether	16.06	248	15729	3.780	ng	# 1
70) Pentachlorophenol	17.16	266	65	7.660	ng	# 17

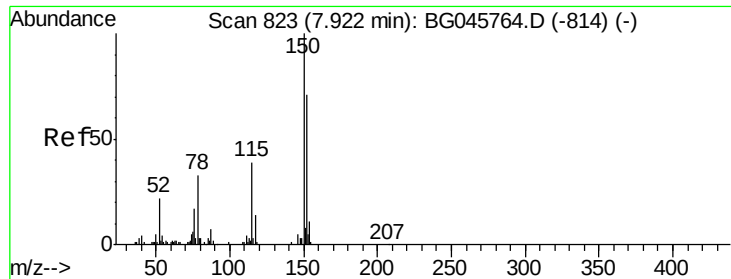
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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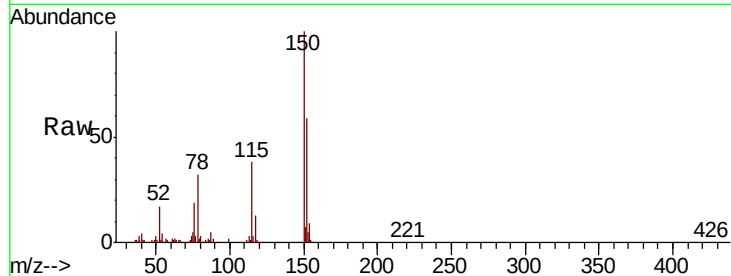


#1

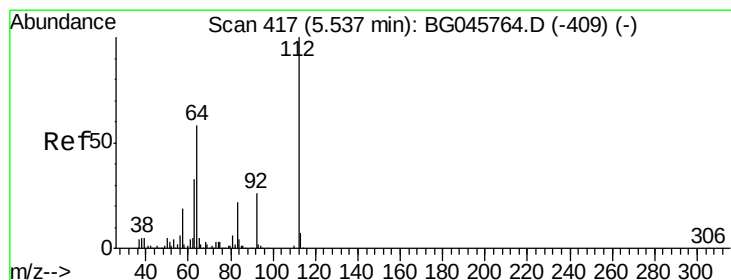
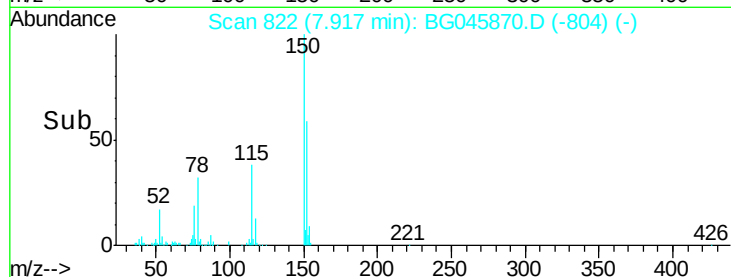
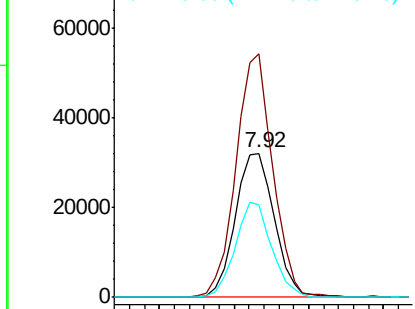
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.92 min Scan# 822
Delta R.T. 0.01 min
Lab File: BG045870.D
Acq: 26 Jun 2020 12:43

Instrument :
BNA_G
ClientSampleId :
EBS8-S-01

Tot Ion	Ratio	Lower	Upper
152	100		
150	169.1	113.1	169.7
115	64.1	43.8	65.6



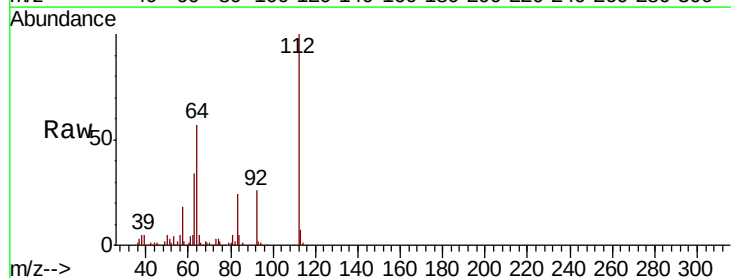
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



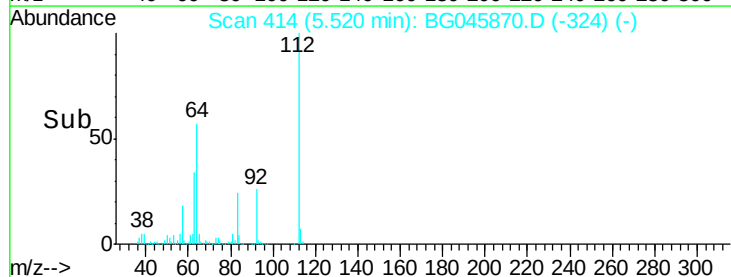
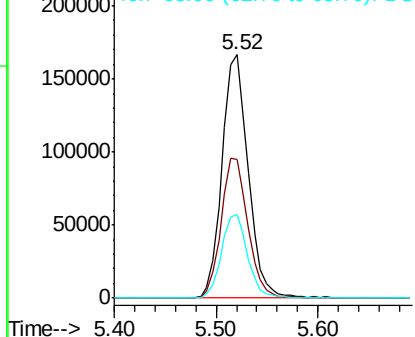
#5

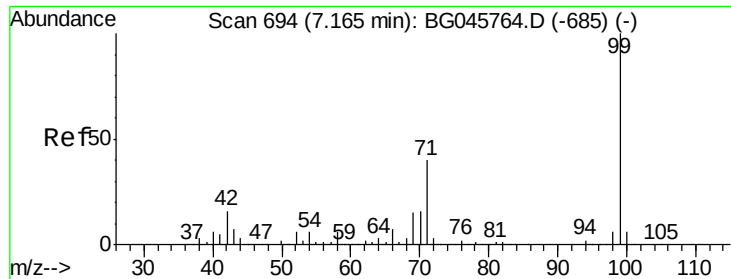
2-Fluorophenol
Concen: 86.470 ng
RT: 5.52 min Scan# 414
Delta R.T. 0.00 min
Lab File: BG045870.D
Acq: 26 Jun 2020 12:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.1	46.6	69.8
63	34.3	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: 87.656 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.00 min

Lab File: BG045870.D

Acq: 26 Jun 2020 12:43

Instrument :

BNA_G

ClientSampleId :

EBS8-S-01

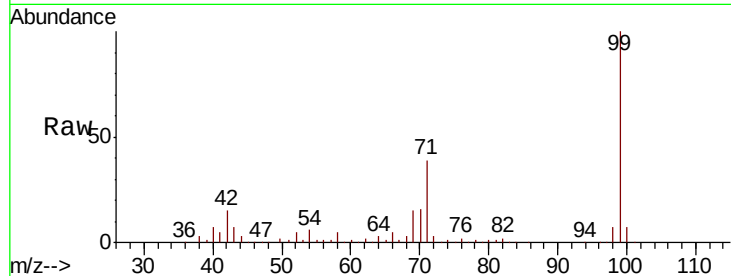
Tot Ion: 99 Resp: 460152

Ion Ratio Lower Upper

99 100

42 14.9 12.4 18.6

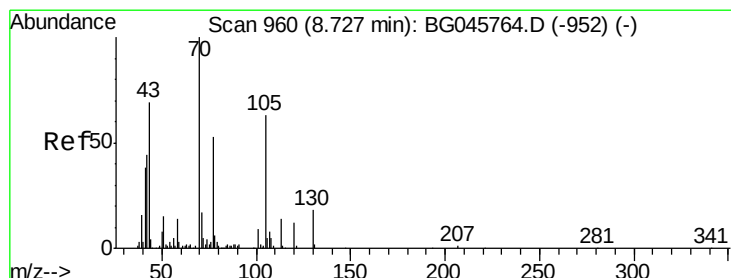
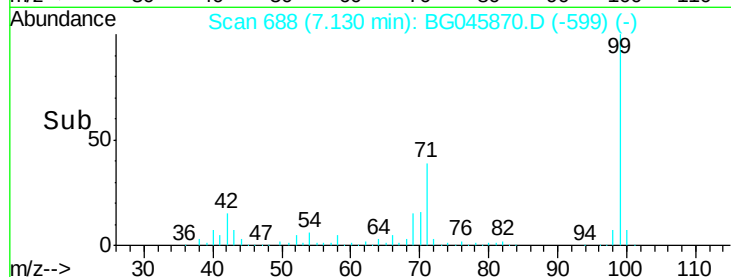
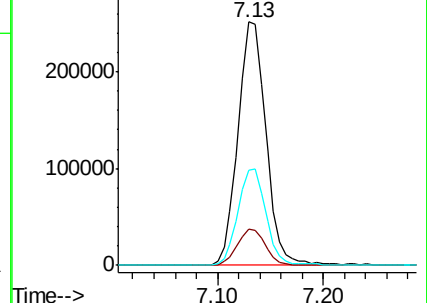
71 39.3 32.1 48.1



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: 13.596 ng

RT: 9.07 min Scan# 1019

Delta R.T. 0.35 min

Lab File: BG045870.D

Acq: 26 Jun 2020 12:43

Tgt Ion: 70 Resp: 46924

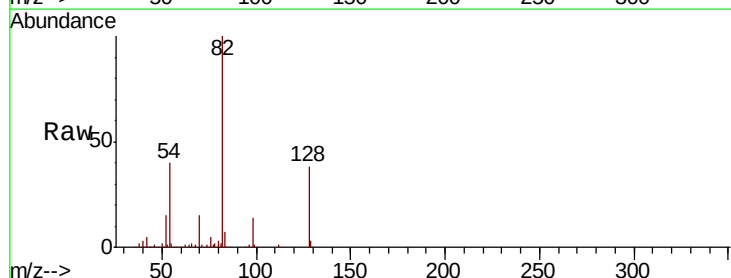
Ion Ratio Lower Upper

70 100

42 37.3 35.1 52.7

101 0.0 7.4 11.0#

130 1.7 14.6 21.8#

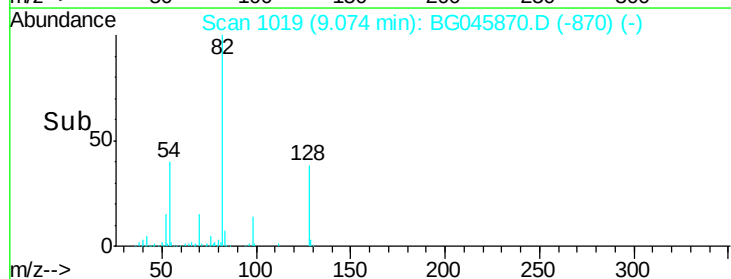
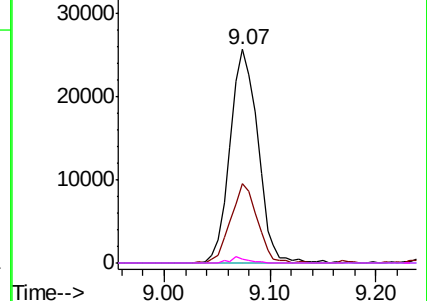


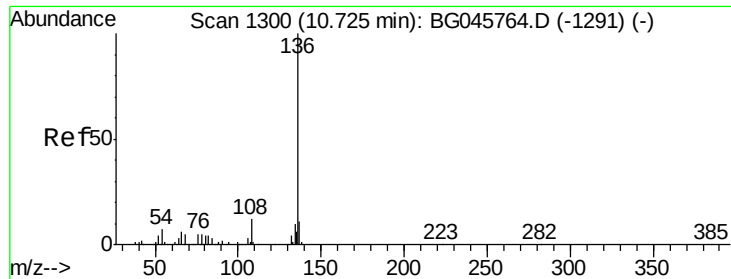
Abundance Ion 70.00 (69.70 to 70.70): BGC

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

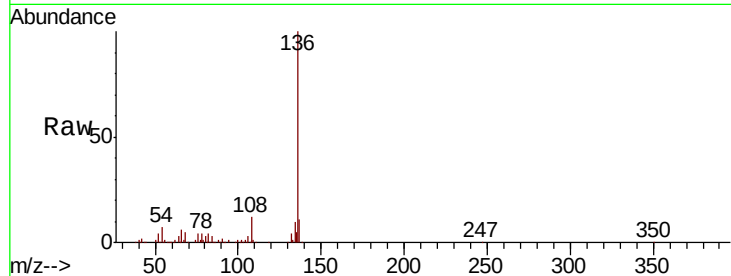




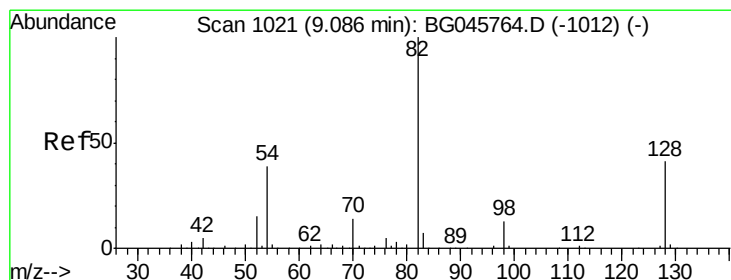
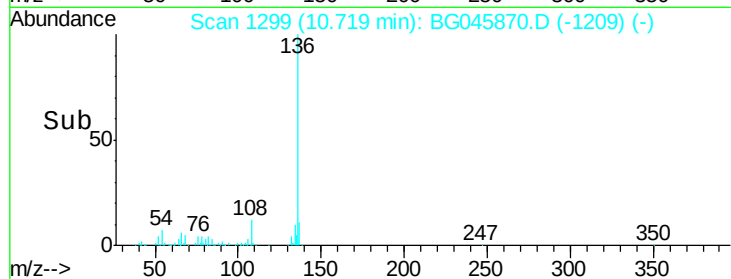
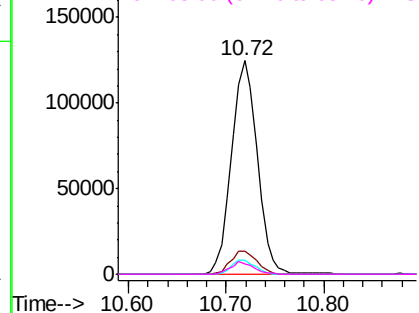
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.72 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BG045870.D
Acq: 26 Jun 2020 12:43

Instrument :
BNA_G
ClientSampleId :
EBS8-S-01

Tot Ion:136	Resp:	230061
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.7 13.1
54	6.8	5.8 8.6
68	4.6	4.0 6.0

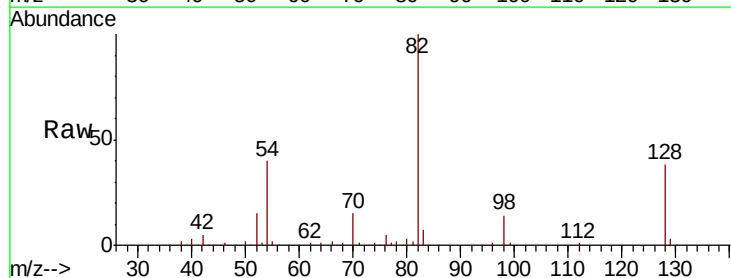


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

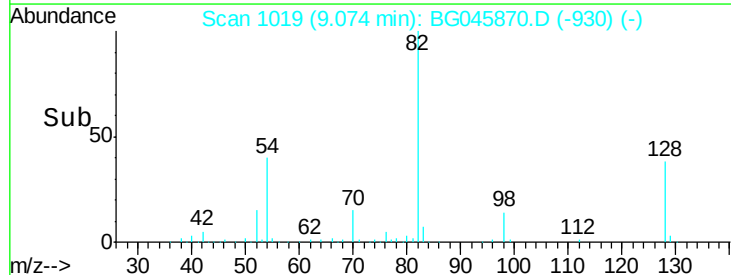
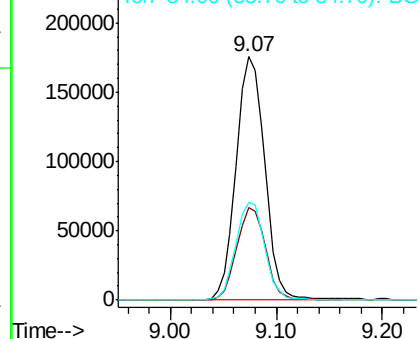


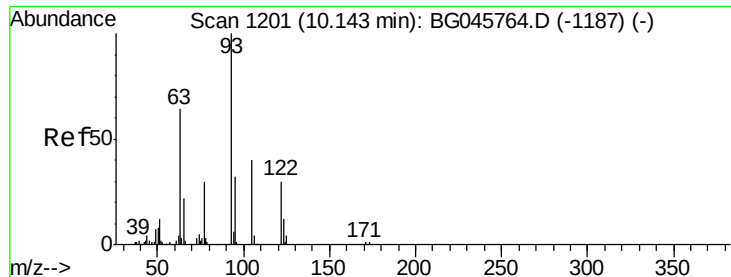
#23
Nitrobenzene-d5
Concen: 65.589 ng
RT: 9.07 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BG045870.D
Acq: 26 Jun 2020 12:43

Tgt Ion: 82	Resp:	330305
Ion Ratio	Lower	Upper
82	100	
128	38.0	32.5 48.7
54	40.4	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

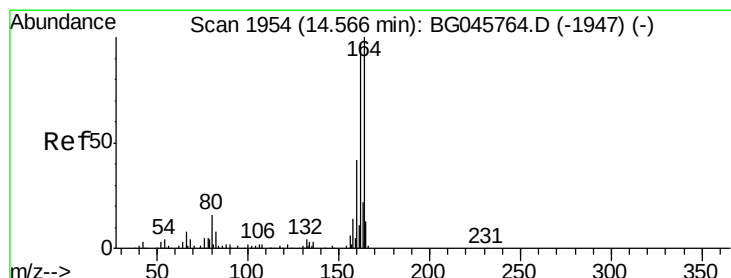
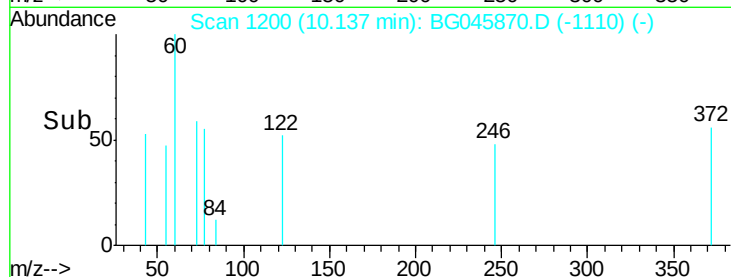
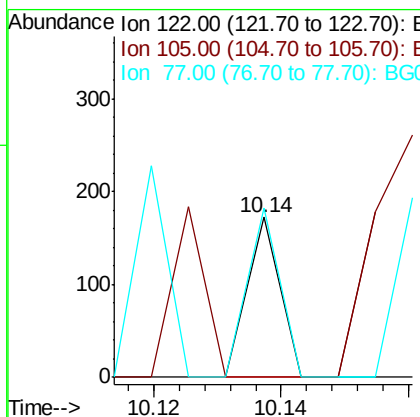
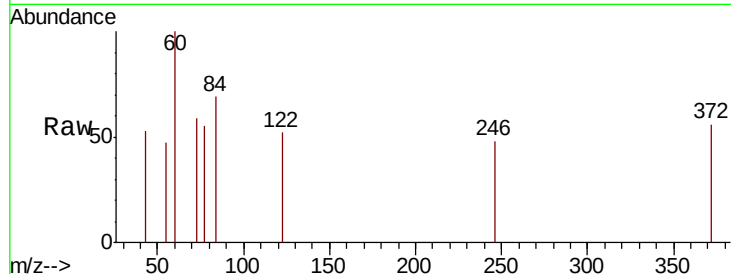




#32
Benzoic acid
Concen: 9.000 ng
RT: 10.14 min Scan# 1200
Delta R.T. 0.00 min
Lab File: BG045870.D
Acq: 26 Jun 2020 12:43

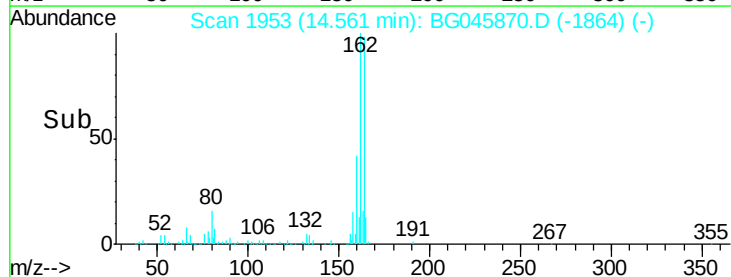
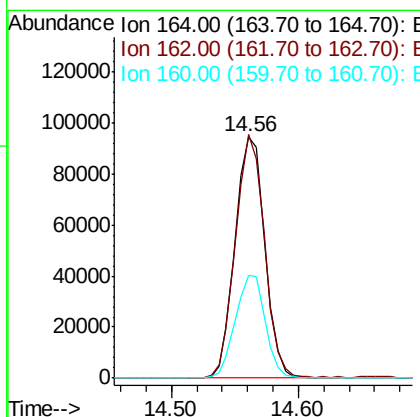
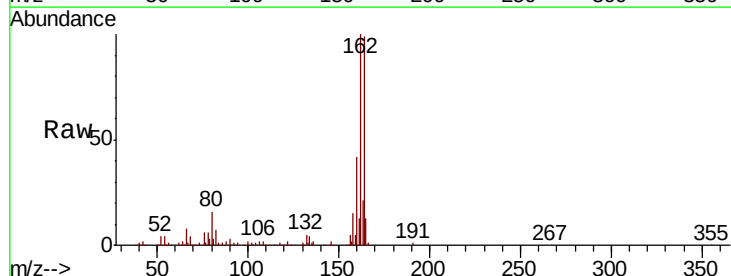
Instrument :
BNA_G
ClientSampled :
EBS8-S-01

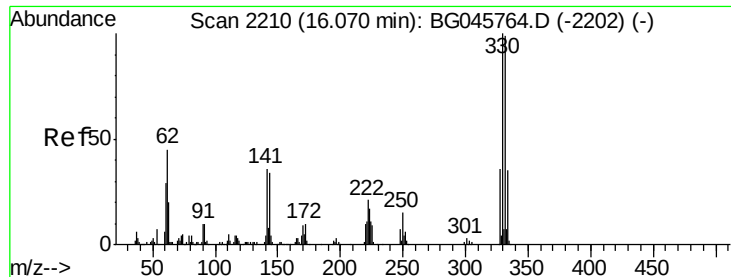
Tot Ion:122 Resp: 61
Ion Ratio Lower Upper
122 100
105 0.0 112.9 152.9#
77 105.8 79.2 119.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.56 min Scan# 1953
Delta R.T. -0.00 min
Lab File: BG045870.D
Acq: 26 Jun 2020 12:43

Tgt Ion:164 Resp: 153558
Ion Ratio Lower Upper
164 100
162 100.8 77.4 116.0
160 42.7 33.3 49.9

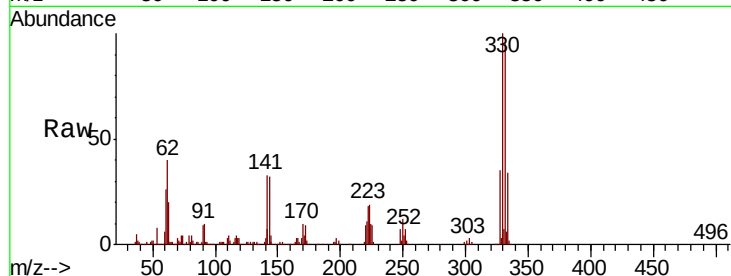




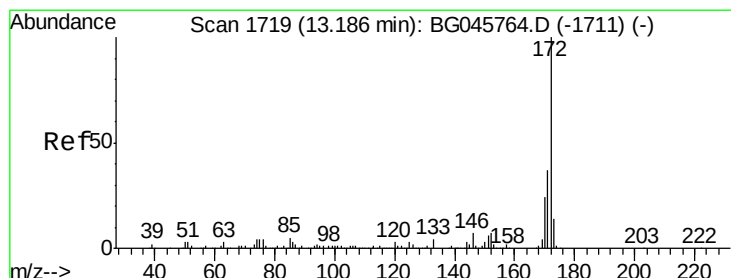
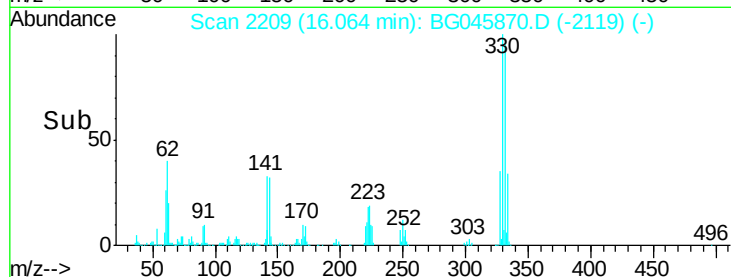
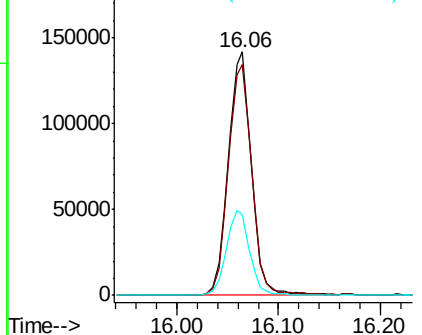
#42
 2,4,6-Tribromophenol
 Concen: 96.563 ng
 RT: 16.06 min Scan# 2209
 Delta R.T. 0.00 min
 Lab File: BG045870.D
 Acq: 26 Jun 2020 12:43

Instrument :
 BNA_G
 ClientSampleId :
 EBS8-S-01

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	78.6	117.8
141	35.3	28.2	42.4

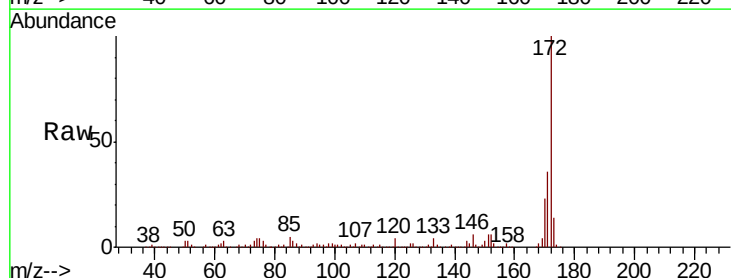


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

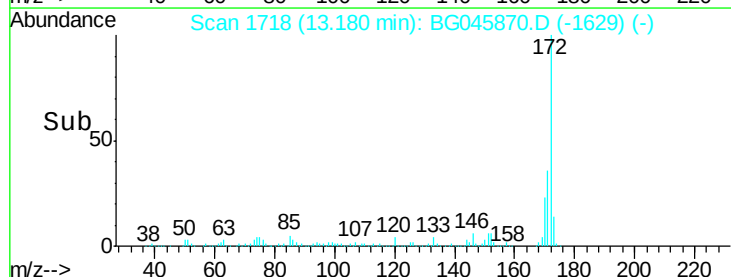
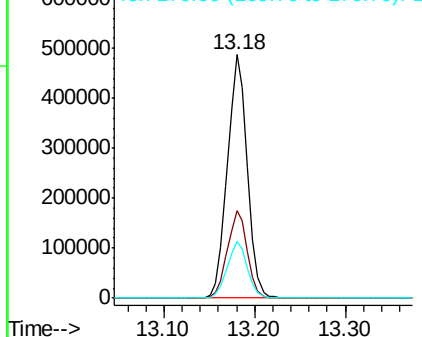


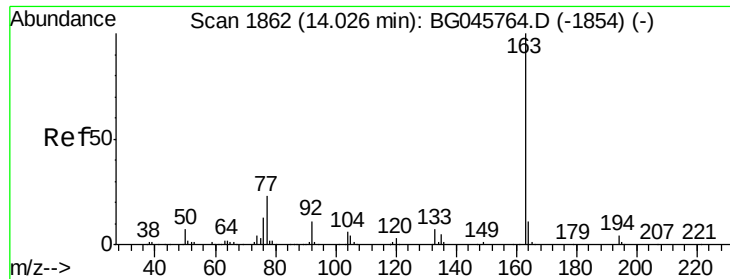
#45
 2-Fluorobiphenyl
 Concen: 71.092 ng
 RT: 13.18 min Scan# 1718
 Delta R.T. -0.00 min
 Lab File: BG045870.D
 Acq: 26 Jun 2020 12:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.9	44.9
170	23.1	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: 8.842 ng

RT: 14.01 min Scan# 1860

Delta R.T. -0.01 min

Lab File: BG045870.D

Acq: 26 Jun 2020 12:43

Instrument :

BNA_G

ClientSampleId :

EBS8-S-01

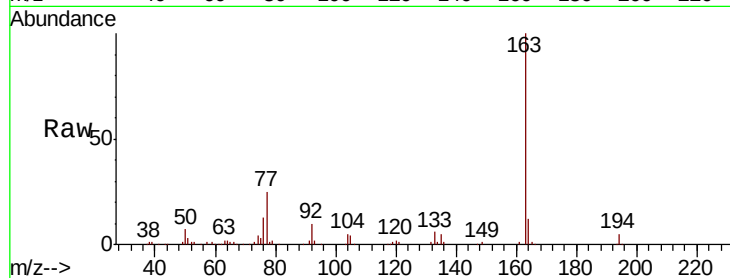
Tot Ion:163 Resp: 106368

Ion Ratio Lower Upper

163 100

194 4.8 3.4 5.0

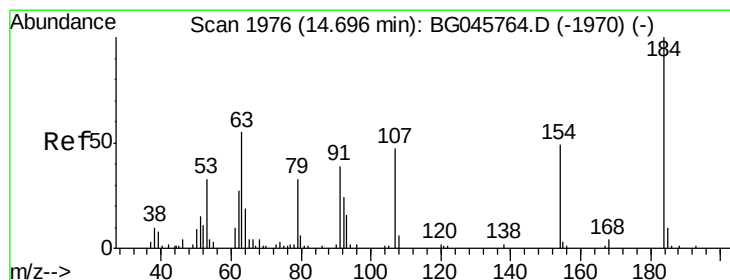
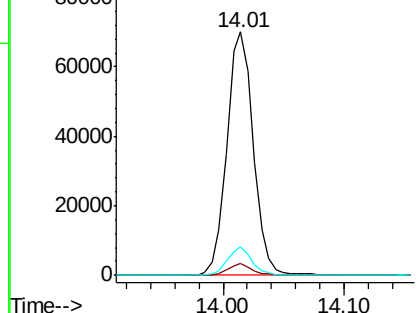
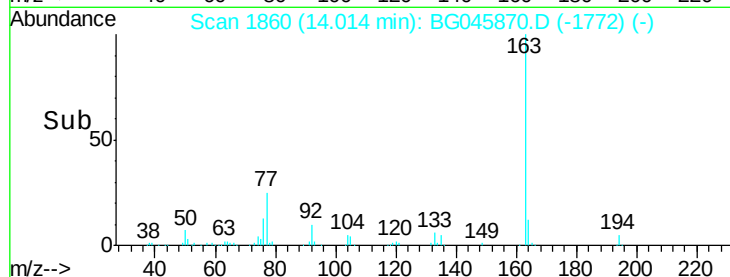
164 11.6 8.9 13.3



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



#54

2,4-Dinitrophenol

Concen: 9.856 ng

RT: 14.51 min Scan# 1944

Delta R.T. -0.19 min

Lab File: BG045870.D

Acq: 26 Jun 2020 12:43

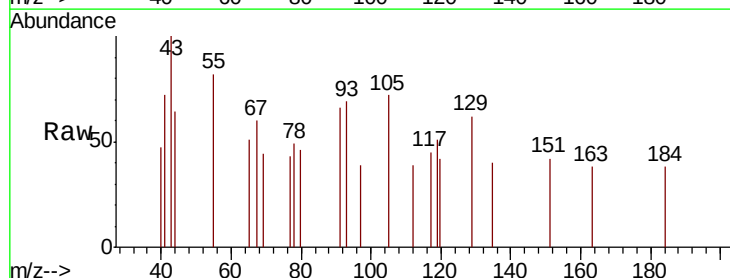
Tgt Ion:184 Resp: 53

Ion Ratio Lower Upper

184 100

63 0.0 46.6 70.0#

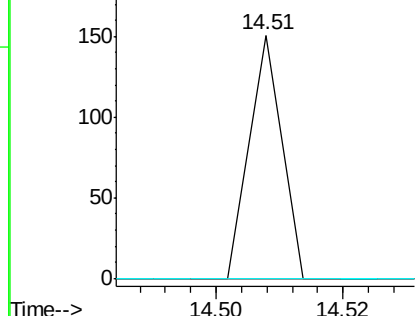
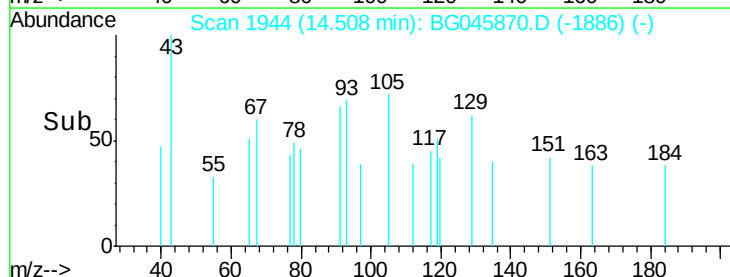
154 0.0 58.6 87.8#

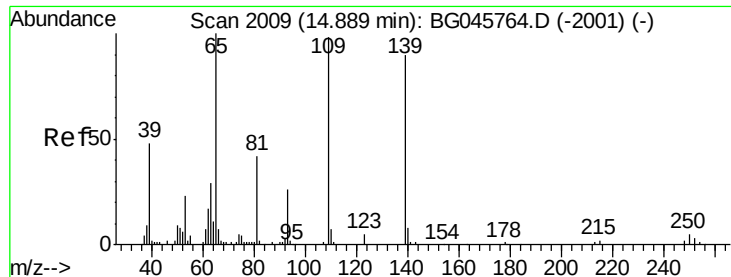


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 154.00 (153.70 to 154.70): E

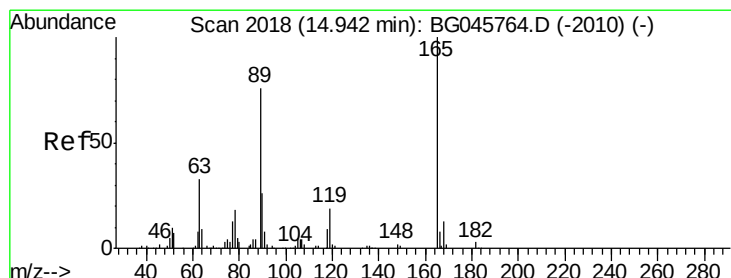
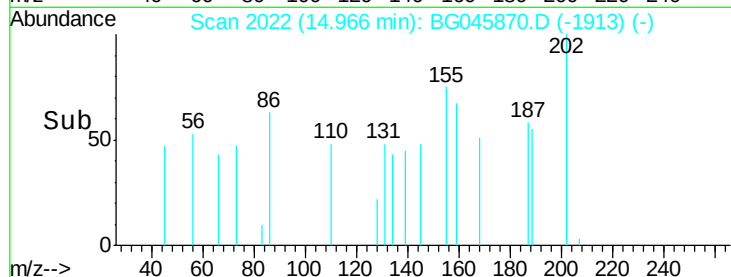
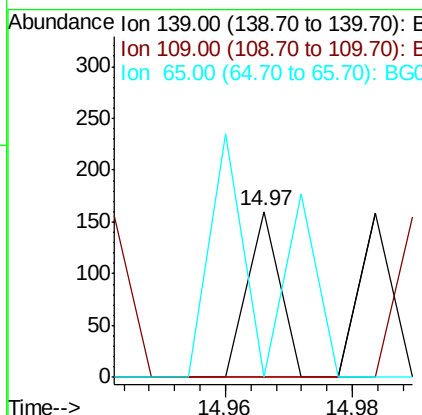
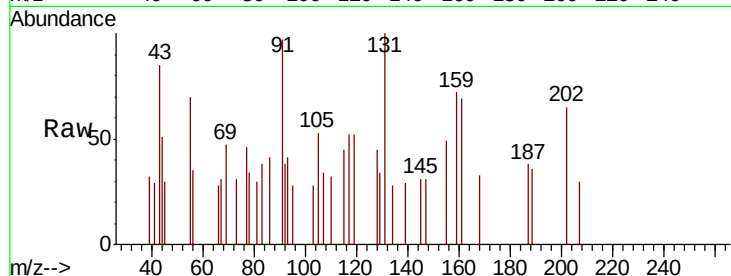




#56
4-Nitrophenol
Concen: 4.001 ng
RT: 14.97 min Scan# 2022
Delta R.T. 0.11 min
Lab File: BG045870.D
Acq: 26 Jun 2020 12:43

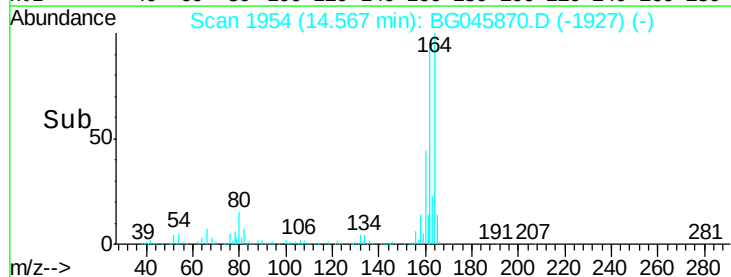
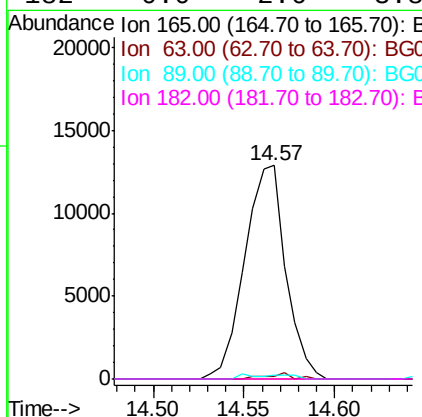
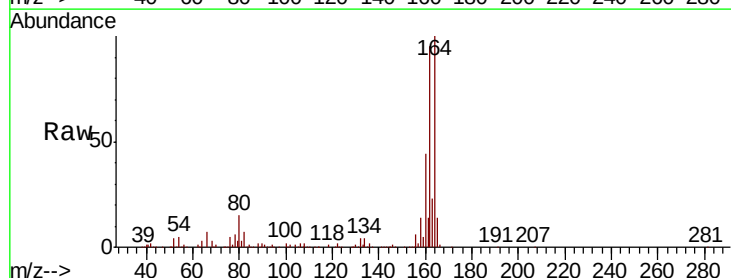
Instrument :
BNA_G
ClientSampleId :
EBS8-S-01

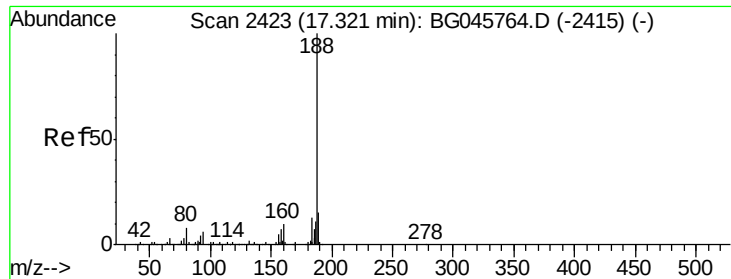
Tot Ion:139 Resp: 56
Ion Ratio Lower Upper
139 100
109 0.0 88.9 128.9#
65 0.0 92.3 132.3#



#57
2,4-Dinitrotoluene
Concen: 5.263 ng
RT: 14.57 min Scan# 1954
Delta R.T. -0.37 min
Lab File: BG045870.D
Acq: 26 Jun 2020 12:43

Tgt Ion:165 Resp: 20376
Ion Ratio Lower Upper
165 100
63 1.2 33.8 50.8#
89 2.0 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: BG045870.D

Acq: 26 Jun 2020 12:43

Instrument :

BNA_G

ClientSampleId :

EBS8-S-01

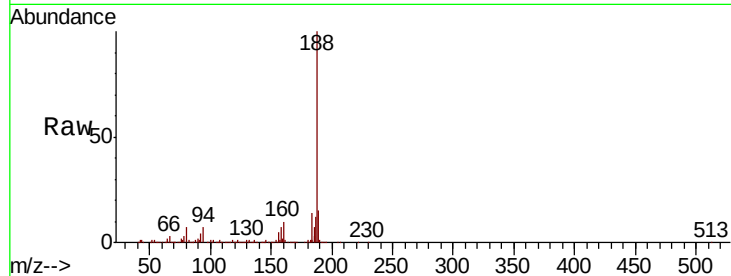
Tot Ion:188 Resp: 320214

Ion Ratio Lower Upper

188 100

94 6.5 5.1 7.7

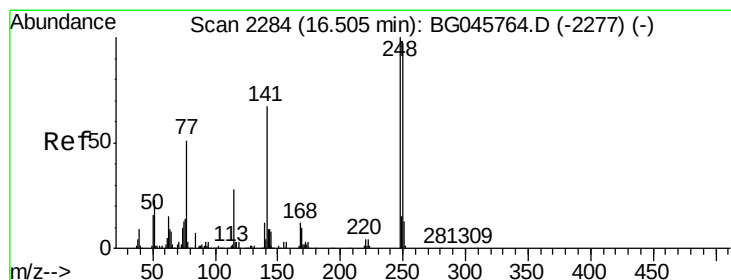
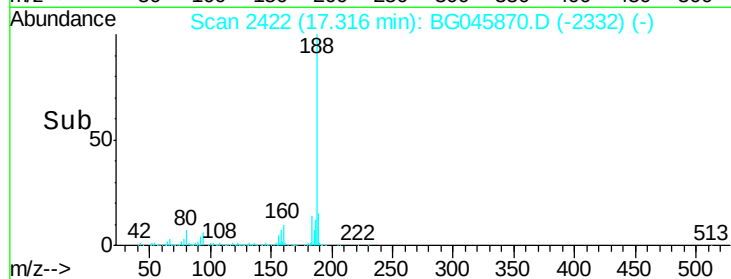
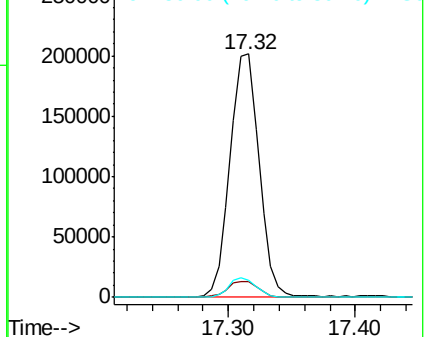
80 7.2 6.2 9.4



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#67

4-Bromophenyl-phenylether

Concen: 3.780 ng

RT: 16.06 min Scan# 2209

Delta R.T. -0.43 min

Lab File: BG045870.D

Acq: 26 Jun 2020 12:43

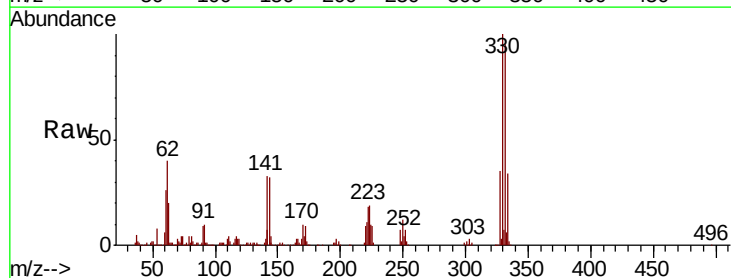
Tgt Ion:248 Resp: 15729

Ion Ratio Lower Upper

248 100

250 167.1 78.0 117.0#

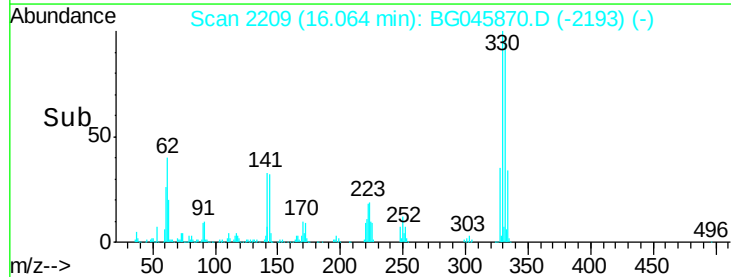
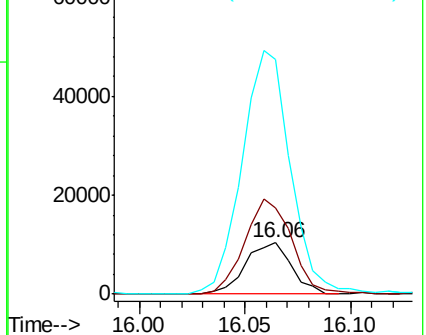
141 457.4 53.9 80.9#

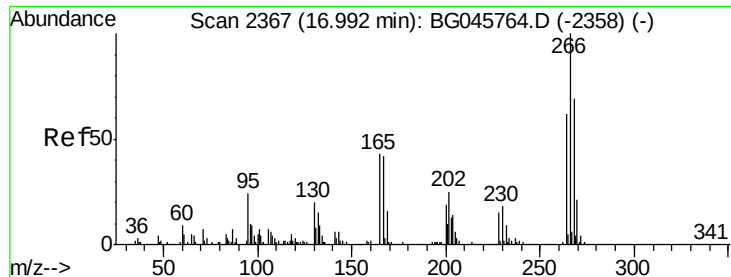


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

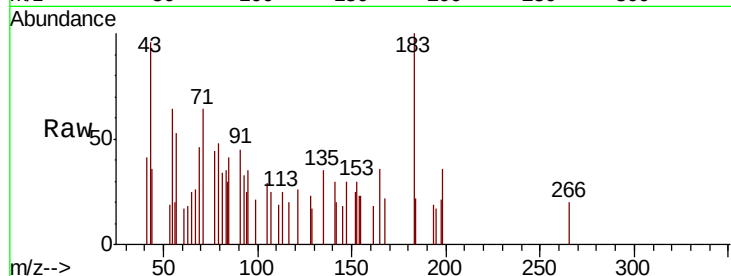




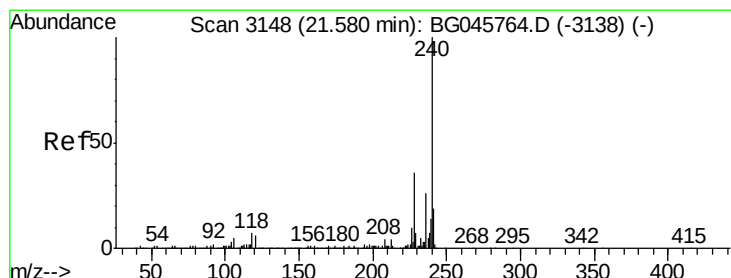
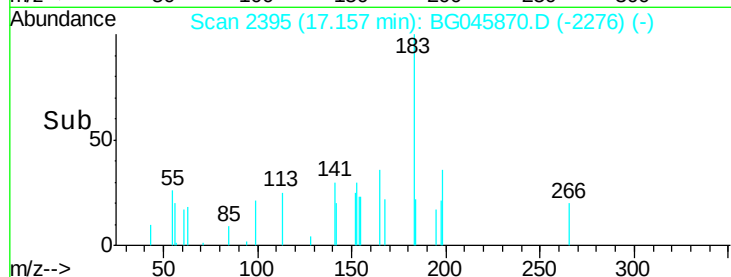
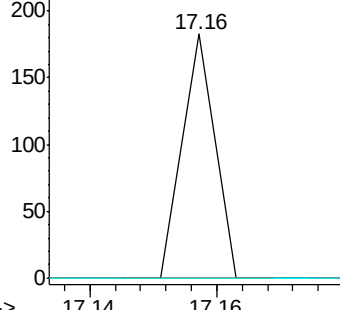
#70
 Pentachlorophenol
 Concen: 7.660 ng
 RT: 17.16 min Scan# 2395
 Delta R.T. 0.17 min
 Lab File: BG045870.D
 Acq: 26 Jun 2020 12:43

Instrument :
 BNA_G
 ClientSampleId :
 EBS8-S-01

Tot Ion	Ratio	Lower	Upper
266	100		
268	0.0	55.4	83.0#
264	0.0	49.8	74.6#

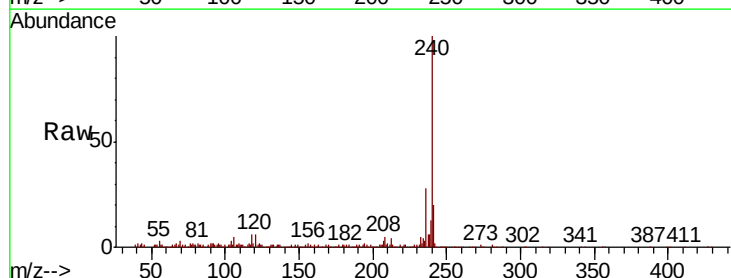


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

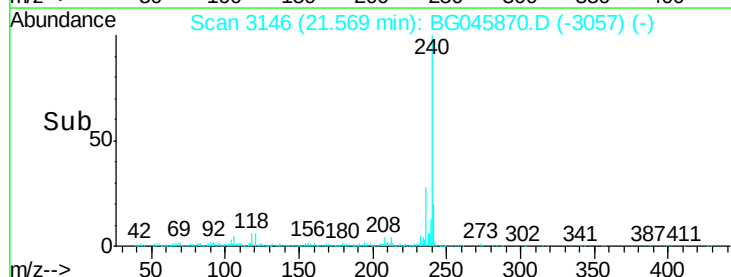
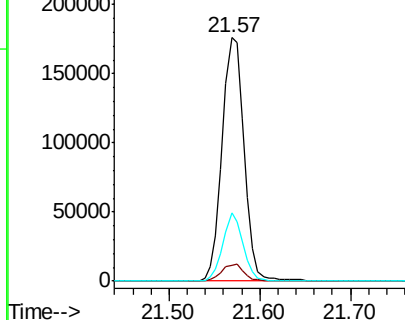


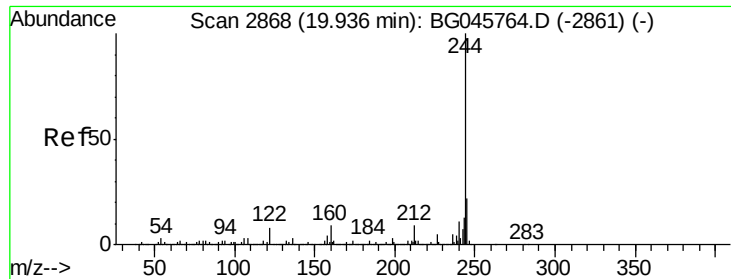
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.57 min Scan# 3146
 Delta R.T. -0.00 min
 Lab File: BG045870.D
 Acq: 26 Jun 2020 12:43

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.5	5.0	7.4
236	28.0	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: 74.224 ng

RT: 19.93 min Scan# 2867

Delta R.T. -0.00 min

Lab File: BG045870.D

Acq: 26 Jun 2020 12:43

Instrument :

BNA_G

ClientSampleId :

EBS8-S-01

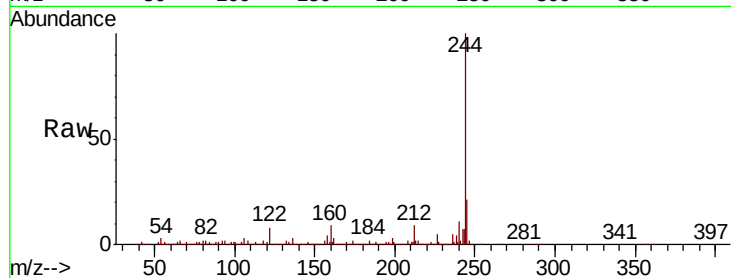
Tot Ion:244 Resp: 1087763

Ion Ratio Lower Upper

244 100

212 8.6 7.2 10.8

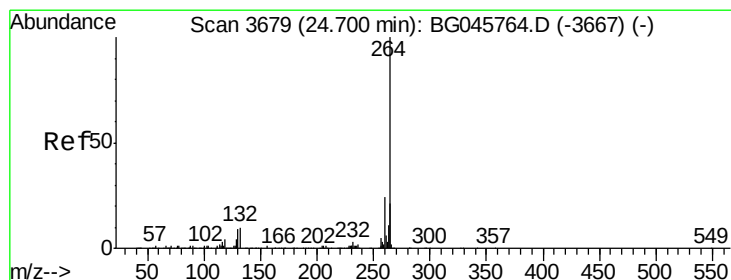
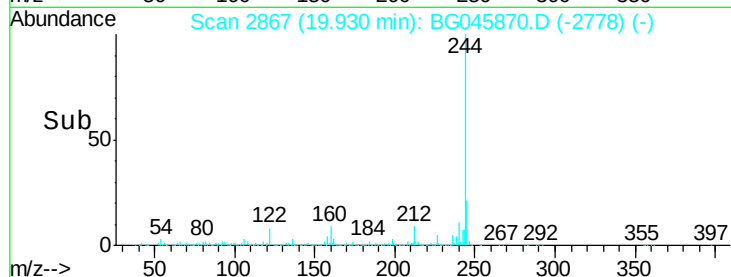
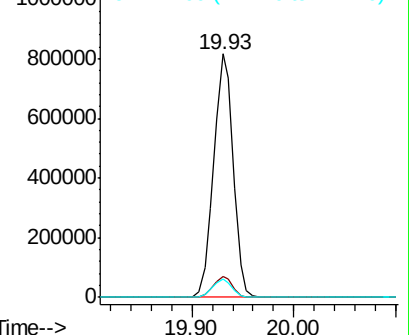
122 7.7 6.4 9.6



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: BG045870.D

Acq: 26 Jun 2020 12:43

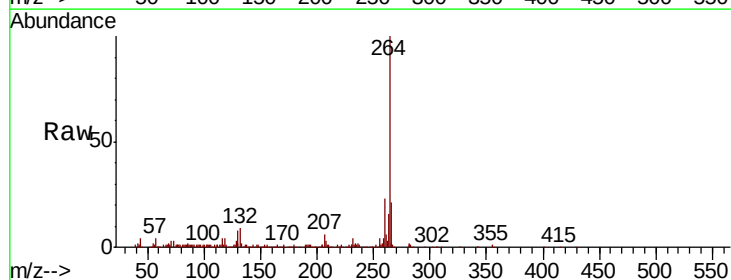
Tgt Ion:264 Resp: 300498

Ion Ratio Lower Upper

264 100

260 23.3 19.0 28.4

265 21.3 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

