

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG052820\
 Data File : BG045495.D
 Acq On : 28 May 2020 13:32
 Operator : CG/JU
 Sample : L2771-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ISLAND-BETWEEN-G-H-2

Quant Time: May 28 14:16:41 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 28 13:15:42 2020
 Response via : Initial Calibration

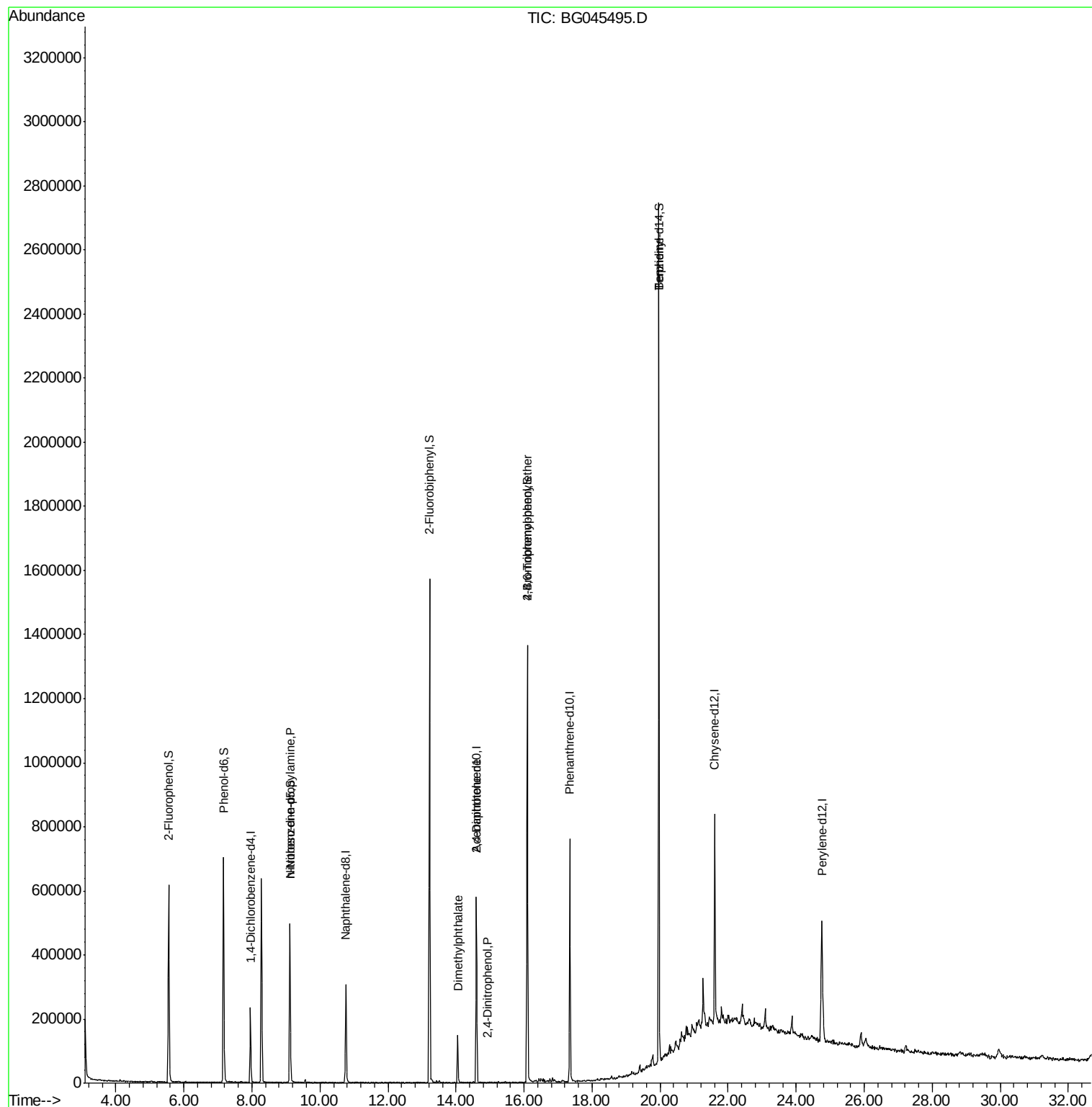
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	71144	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	291817	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	214086	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	498590	20.00	ng	0.00
76) Chrysene-d12	21.61	240	406111	20.00	ng	0.00
87) Perylene-d12	24.75	264	446236	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	320147	87.94	ng	0.00
7) Phenol-d6	7.17	99	483832	93.38	ng	0.00
23) Nitrobenzene-d5	9.12	82	355489	66.43	ng	0.00
42) 2,4,6-Tribromophenol	16.10	330	276926	101.14	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	887909	70.35	ng	0.00
79) Terphenyl-d14	19.96	244	1349715	77.51	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.12	70	45462	12.688	ng	Qvalue # 80
50) Dimethylphthalate	14.05	163	105027	7.151	ng	99
54) 2,4-Dinitrophenol	14.93	184	119	5.510	ng	# 17
57) 2,4-Dinitrotoluene	14.60	165	28542	5.947	ng	# 23
67) 4-Bromophenyl-phenylether	16.10	248	18449	3.417	ng	# 1
77) Benzidine	19.96	184	24072	2.111	ng	# 94

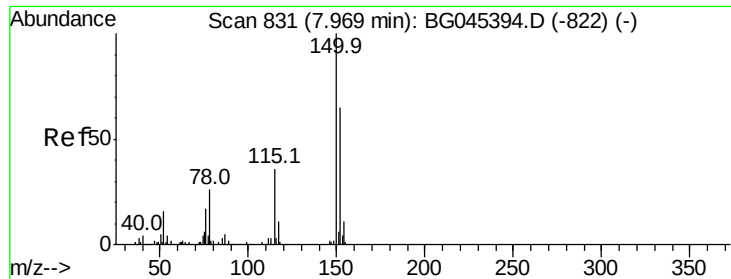
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG052820\
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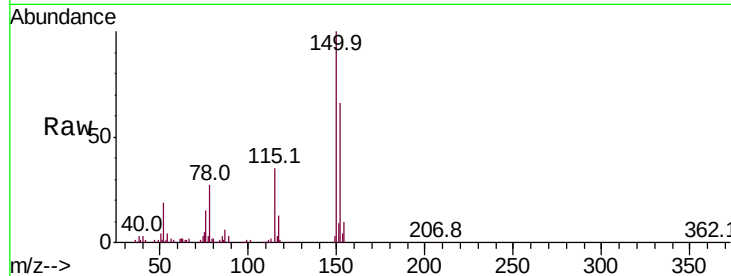


#1

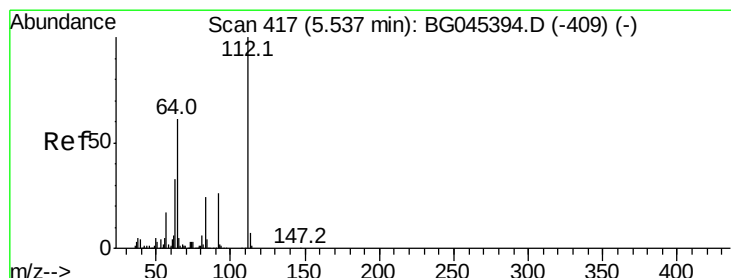
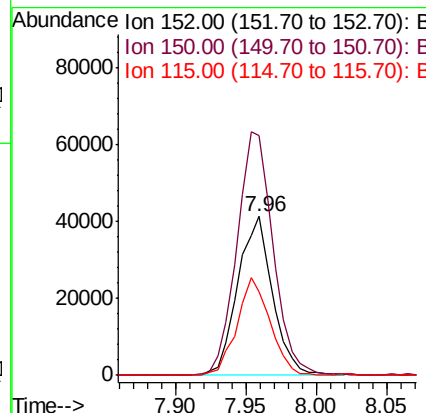
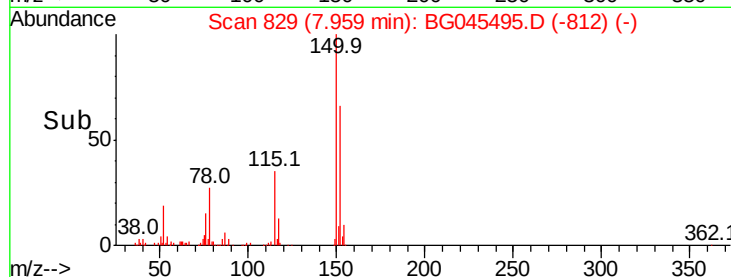
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 829
Delta R.T. 0.00 min
Lab File: BG045495.D
Acq: 28 May 2020 13:32

Instrument :
BNA_G
ClientSampleId :
ISLAND-BETWEEN-G-H-2

Tot Ion:152 Resp: 71144
Ion Ratio Lower Upper
152 100
150 151.0 122.4 183.6
115 52.9 44.2 66.4



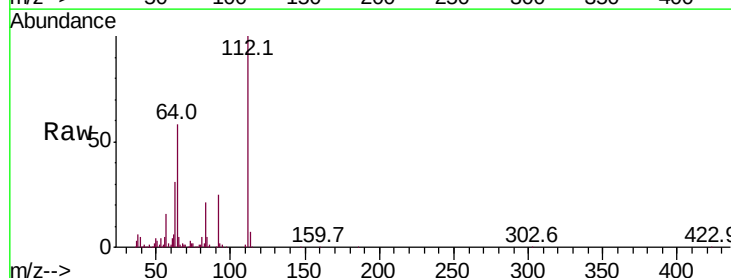
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



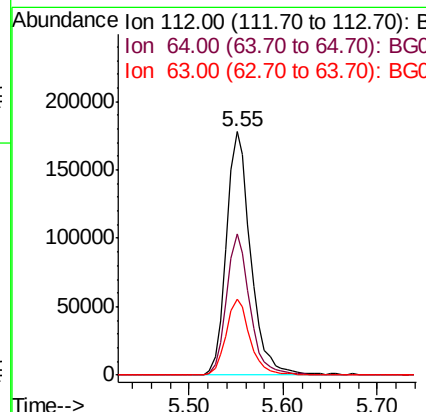
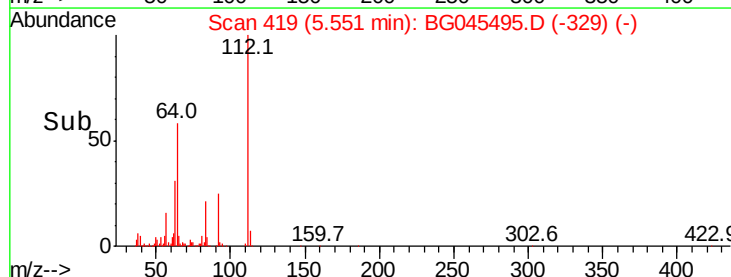
#5

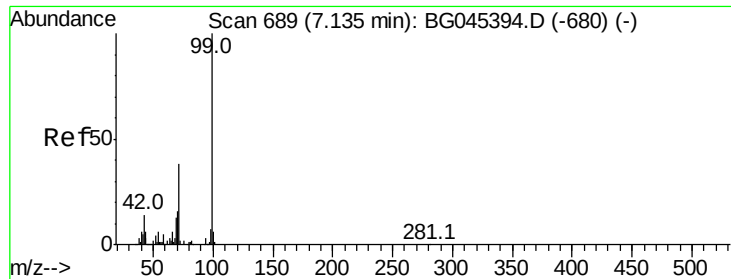
2-Fluorophenol
Concen: 87.943 ng
RT: 5.55 min Scan# 419
Delta R.T. 0.00 min
Lab File: BG045495.D
Acq: 28 May 2020 13:32

Tgt Ion:112 Resp: 320147
Ion Ratio Lower Upper
112 100
64 57.8 48.6 72.8
63 31.0 26.5 39.7



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: 93.379 ng

RT: 7.17 min Scan# 694

Delta R.T. 0.00 min

Lab File: BG045495.D

Acq: 28 May 2020 13:32

Instrument :

BNA_G

ClientSampleId :

ISLAND-BETWEEN-G-H-2

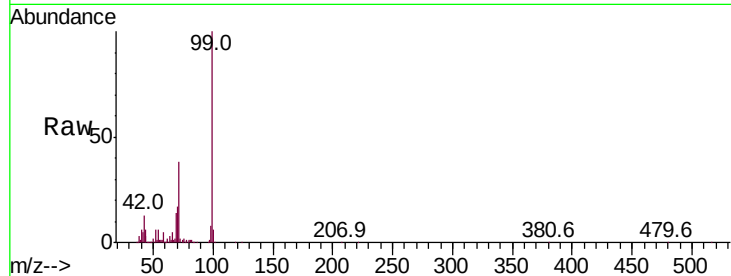
Tot Ion: 99 Resp: 483832

Ion Ratio Lower Upper

99 100

42 13.3 11.3 16.9

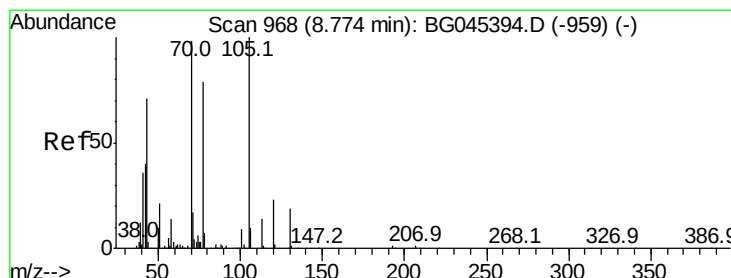
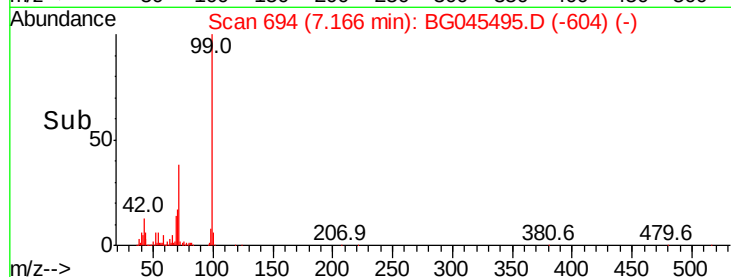
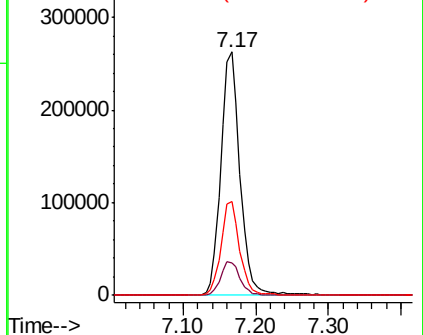
71 38.4 30.8 46.2



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: 12.688 ng

RT: 9.12 min Scan# 1026

Delta R.T. 0.35 min

Lab File: BG045495.D

Acq: 28 May 2020 13:32

Tgt Ion: 70 Resp: 45462

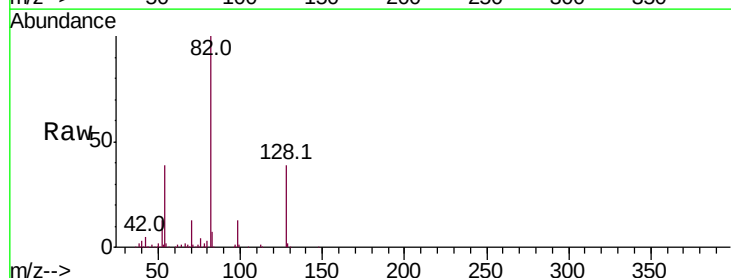
Ion Ratio Lower Upper

70 100

42 35.0 33.2 49.8

101 0.0 7.8 11.6#

130 3.0 15.4 23.2#

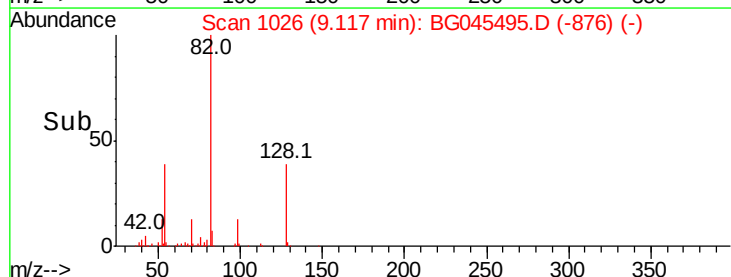
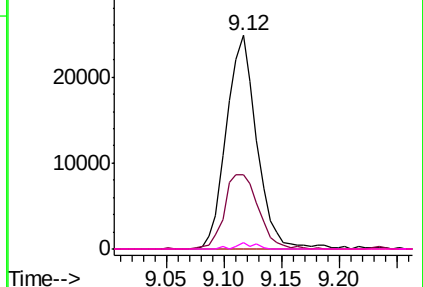


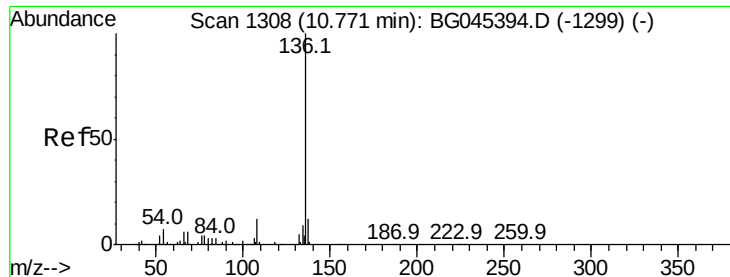
Abundance Ion 70.00 (69.70 to 70.70): BGC

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

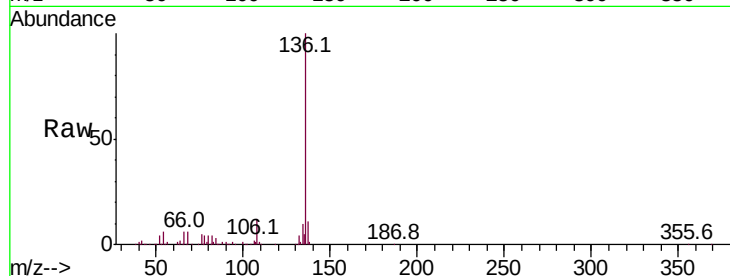




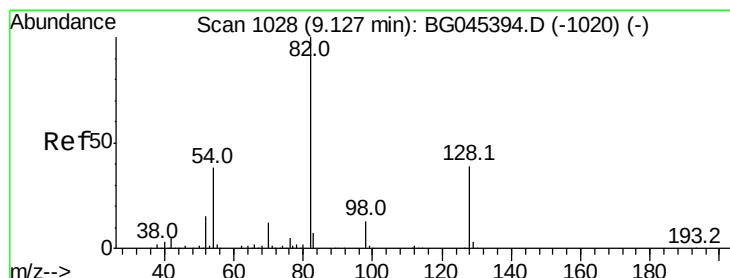
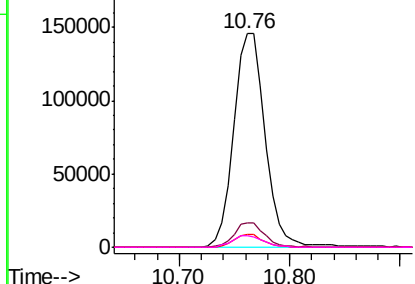
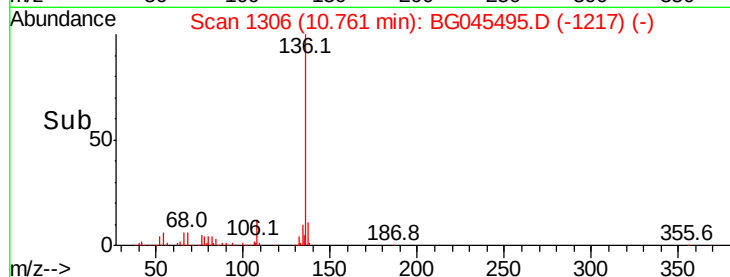
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.76 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BG045495.D
Acq: 28 May 2020 13:32

Instrument :
BNA_G
ClientSampleId :
ISLAND-BETWEEN-G-H-2

Tot Ion:136	Resp:	291817
Ion Ratio	Lower	Upper
136 100		
137 11.2	9.4	14.2
54 6.0	5.8	8.6
68 5.6	4.5	6.7

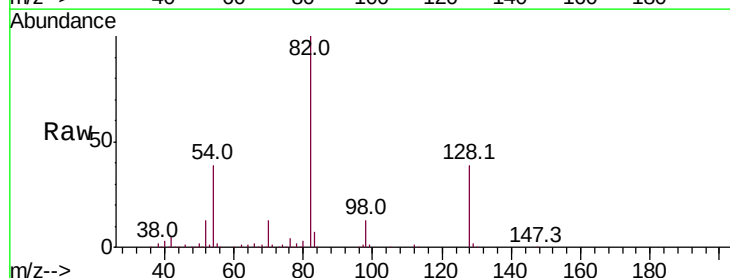


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

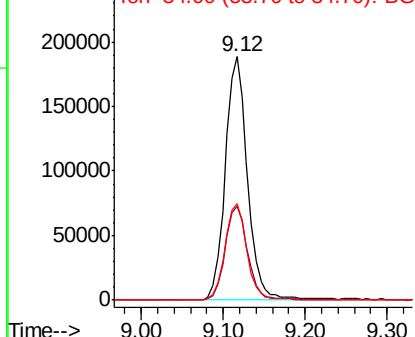
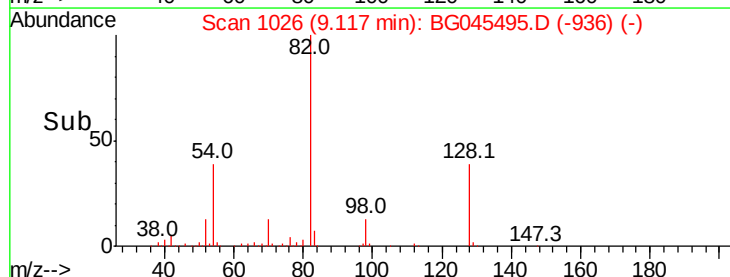


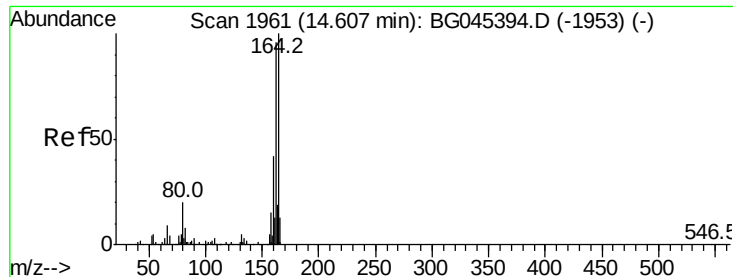
#23
Nitrobenzene-d5
Concen: 66.430 ng
RT: 9.12 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BG045495.D
Acq: 28 May 2020 13:32

Tgt Ion: 82	Resp: 355489
Ion Ratio	Lower Upper
82 100	
128 38.7	30.9 46.3
54 39.4	30.3 45.5



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.60 min Scan# 1959

Delta R.T. -0.00 min

Lab File: BG045495.D

Acq: 28 May 2020 13:32

Instrument :

BNA_G

ClientSampleId :

ISLAND-BETWEEN-G-H-2

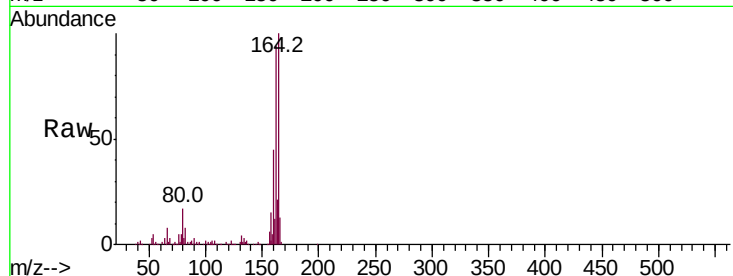
Tot Ion:164 Resp: 214086

Ion Ratio Lower Upper

164 100

162 94.5 76.9 115.3

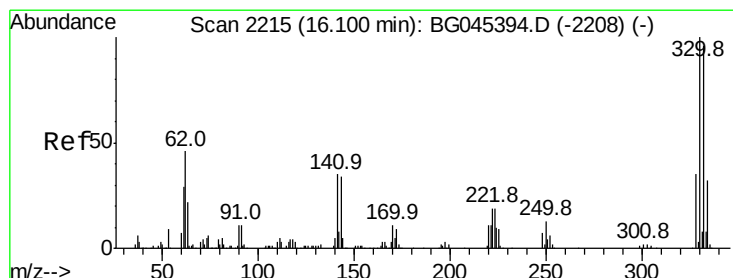
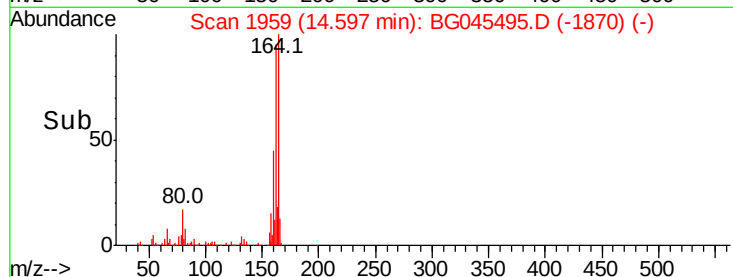
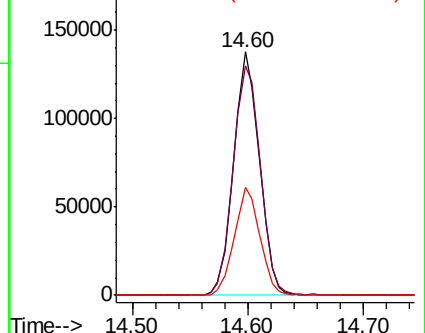
160 44.6 33.8 50.8



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: 101.145 ng

RT: 16.10 min Scan# 2214

Delta R.T. -0.00 min

Lab File: BG045495.D

Acq: 28 May 2020 13:32

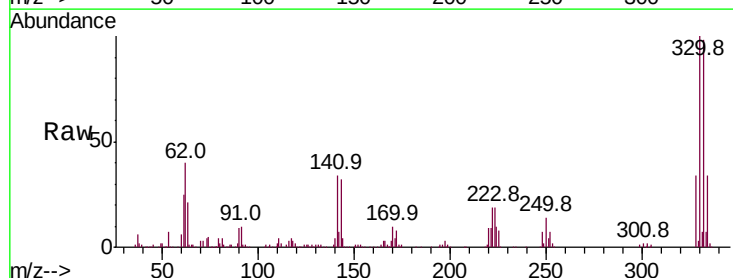
Tgt Ion:330 Resp: 276926

Ion Ratio Lower Upper

330 100

332 98.6 78.2 117.4

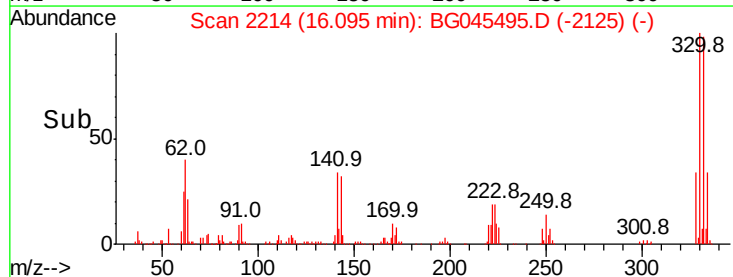
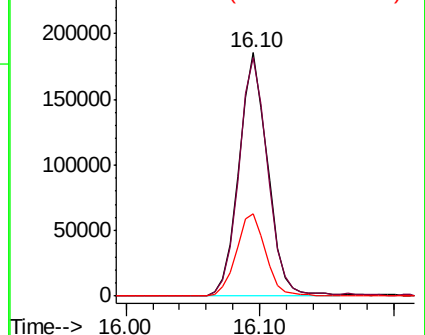
141 34.9 28.2 42.4

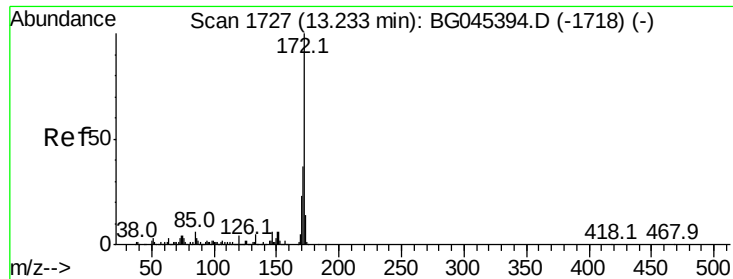


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#45

2-Fluorobiphenyl

Concen: 70.349 ng

RT: 13.22 min Scan# 1725

Delta R.T. 0.00 min

Lab File: BG045495.D

Acq: 28 May 2020 13:32

Instrument :

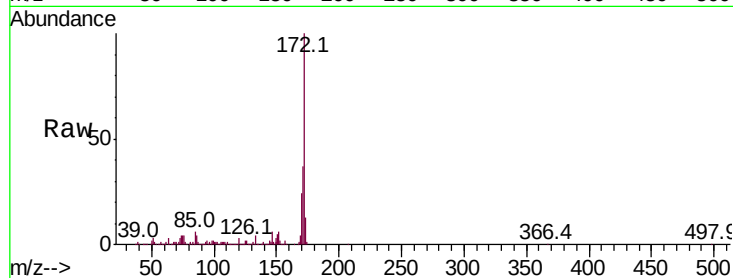
BNA_G

ClientSampleId :

ISLAND-BETWEEN-G-H-2

Tot Ion:172 Resp: 887909

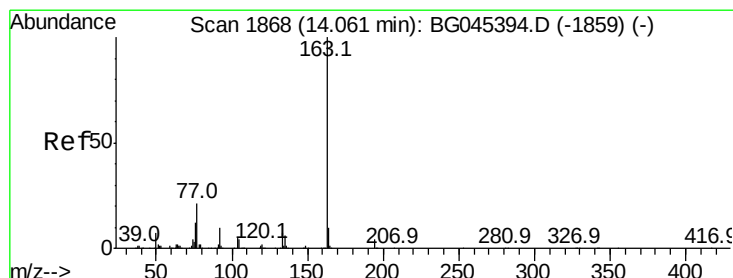
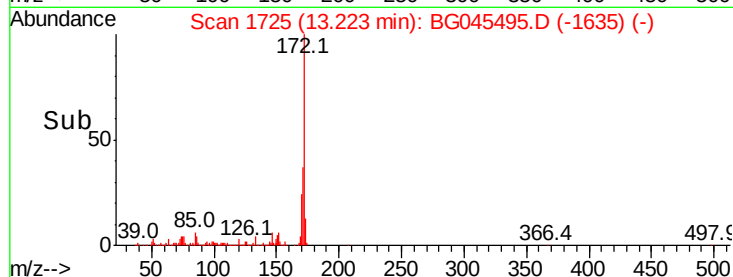
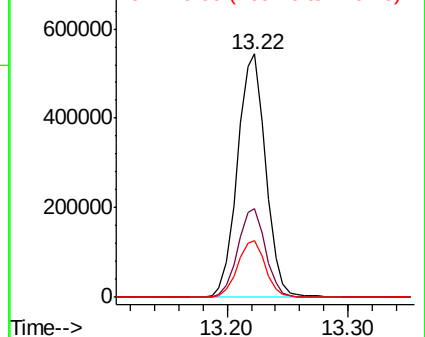
Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.5	44.3
170	23.5	18.5	27.7



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: 7.151 ng

RT: 14.05 min Scan# 1866

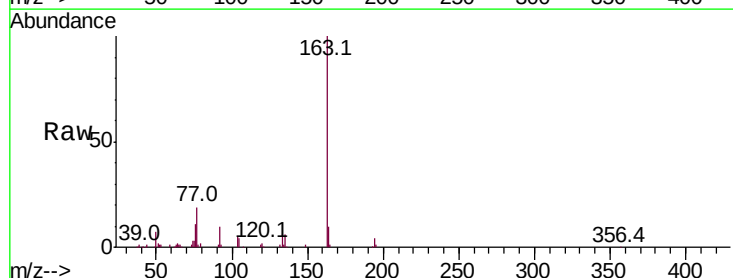
Delta R.T. -0.00 min

Lab File: BG045495.D

Acq: 28 May 2020 13:32

Tgt Ion:163 Resp: 105027

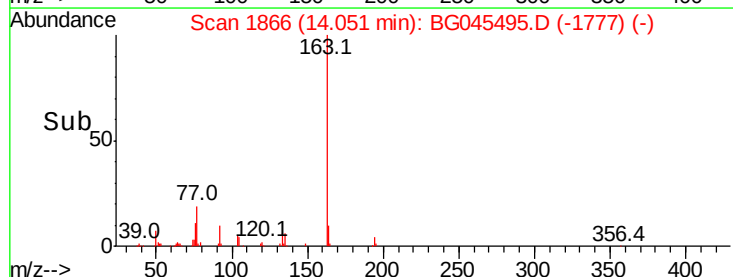
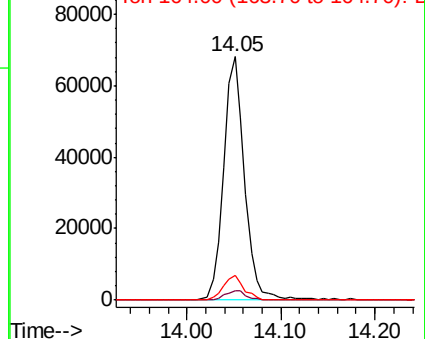
Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.2	4.8
164	10.3	8.3	12.5

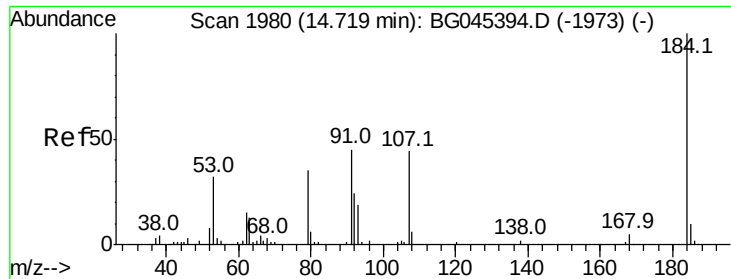


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

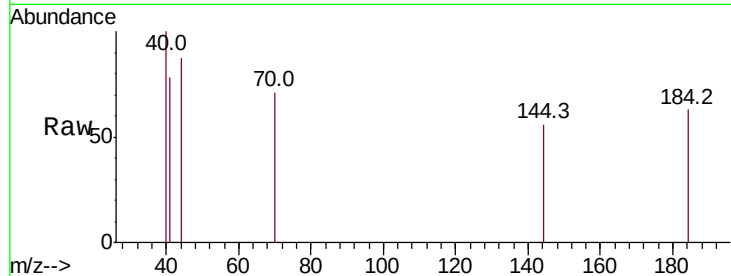




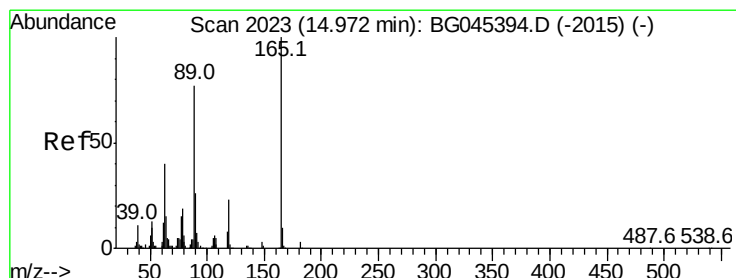
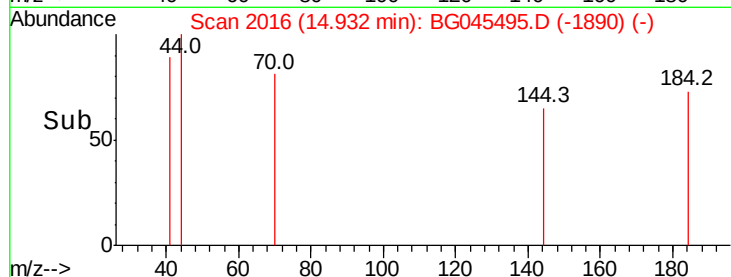
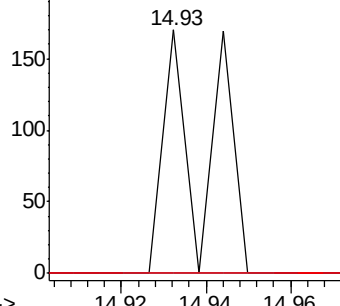
#54
 2,4-Dinitrophenol
 Concen: 5.510 ng
 RT: 14.93 min Scan# 2016
 Delta R.T. 0.21 min
 Lab File: BG045495.D
 Acq: 28 May 2020 13:32

Instrument :
 BNA_G
 ClientSampleId :
 ISLAND-BETWEEN-G-H-2

Tot Ion:184 Resp: 119
 Ion Ratio Lower Upper
 184 100
 63 0.0 47.8 71.6#
 154 0.0 58.3 87.5#

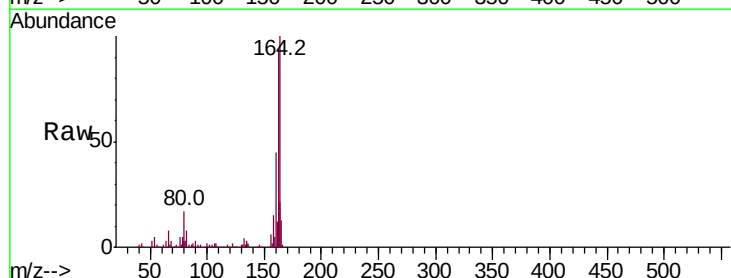


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 154.00 (153.70 to 154.70): E

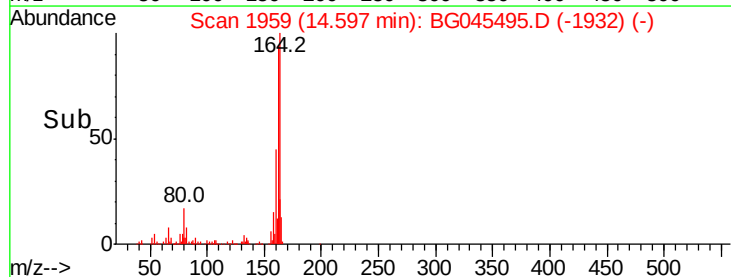
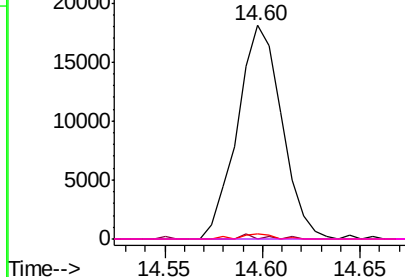


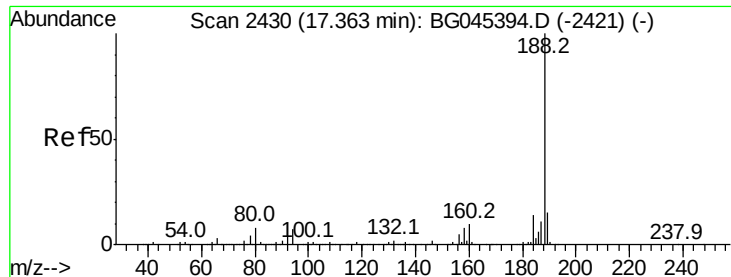
#57
 2,4-Dinitrotoluene
 Concen: 5.947 ng
 RT: 14.60 min Scan# 1959
 Delta R.T. -0.37 min
 Lab File: BG045495.D
 Acq: 28 May 2020 13:32

Tgt Ion:165 Resp: 28542
 Ion Ratio Lower Upper
 165 100
 63 0.0 32.5 48.7#
 89 2.7 61.8 92.6#
 182 0.0 2.3 3.5#



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
 Ion 182.00 (181.70 to 182.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.35 min Scan# 2427

Delta R.T. -0.00 min

Lab File: BG045495.D

Acq: 28 May 2020 13:32

Instrument :

BNA_G

ClientSampleId :

ISLAND-BETWEEN-G-H-2

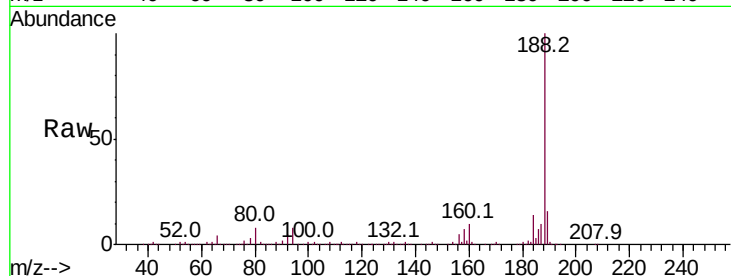
Tot Ion:188 Resp: 498590

Ion Ratio Lower Upper

188 100

94 7.5 5.5 8.3

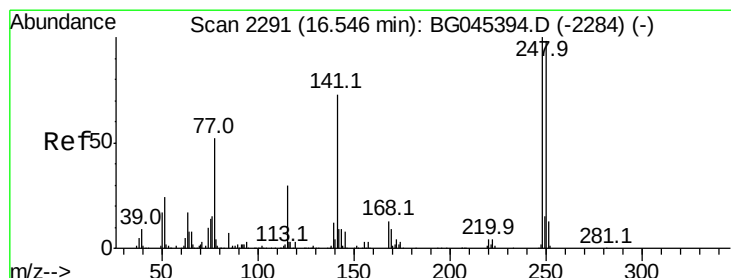
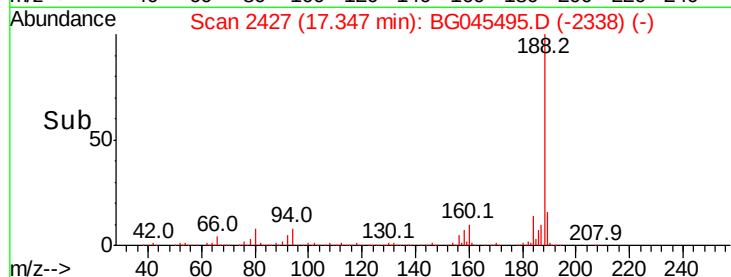
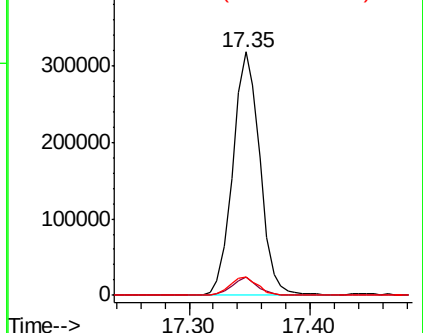
80 7.8 6.6 10.0



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: 3.417 ng

RT: 16.10 min Scan# 2214

Delta R.T. -0.44 min

Lab File: BG045495.D

Acq: 28 May 2020 13:32

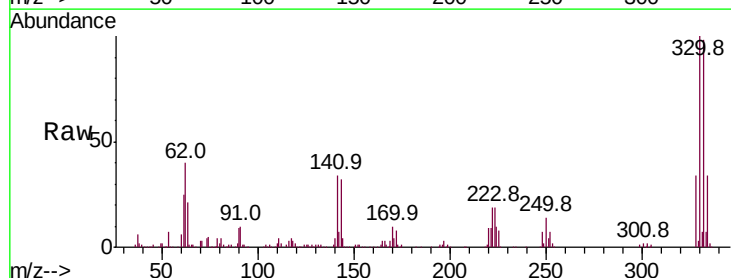
Tgt Ion:248 Resp: 18449

Ion Ratio Lower Upper

248 100

250 200.9 78.6 117.8#

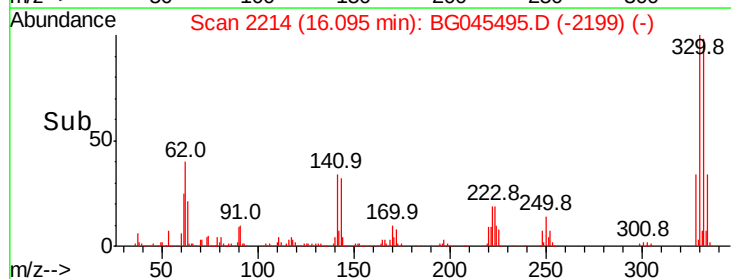
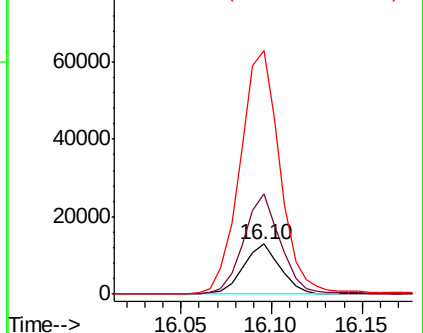
141 485.6 58.2 87.2#

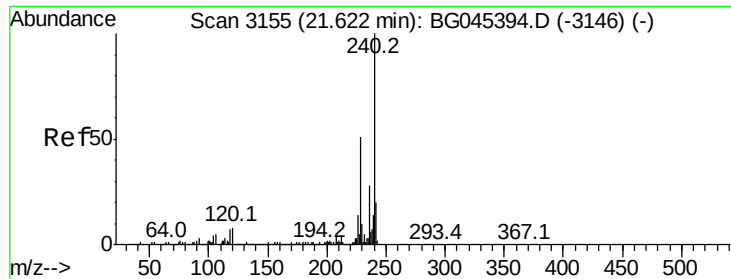


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

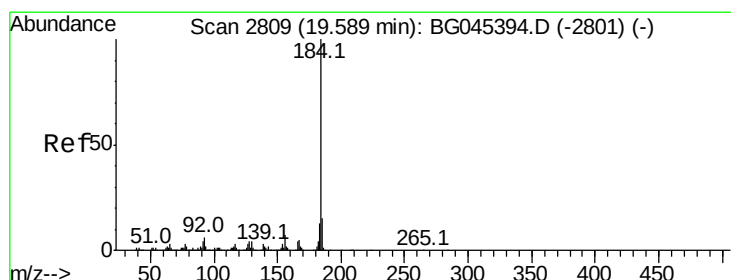
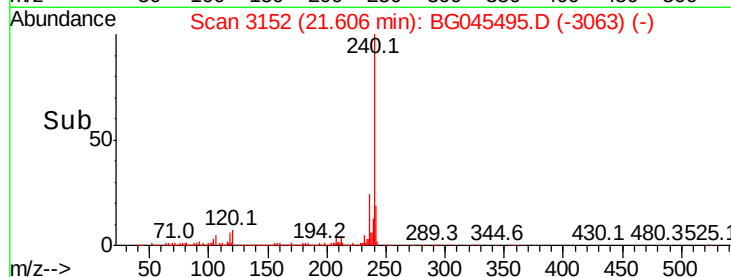
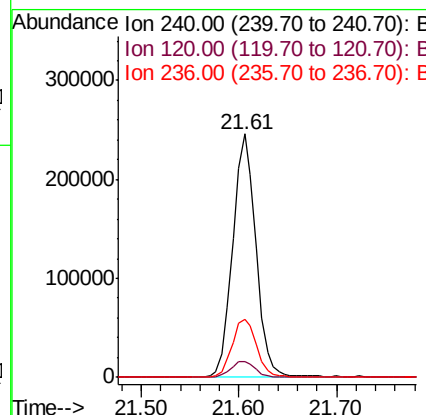
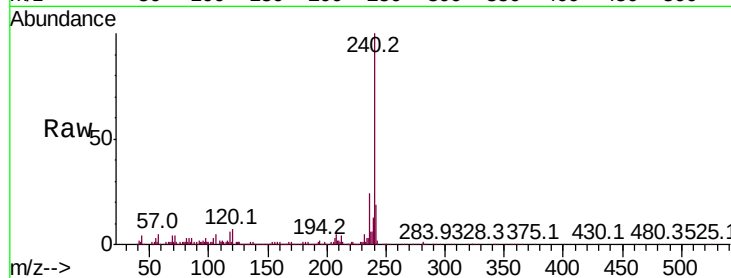




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.61 min Scan# 3152
Delta R.T. -0.00 min
Lab File: BG045495.D
Acq: 28 May 2020 13:32

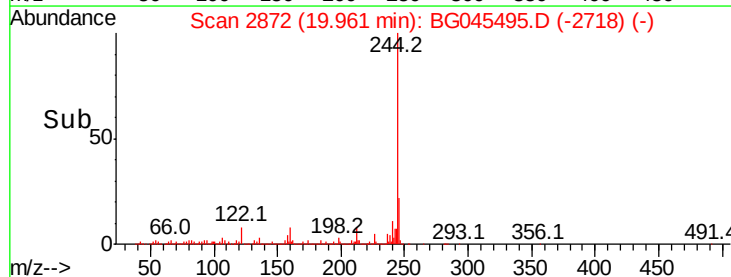
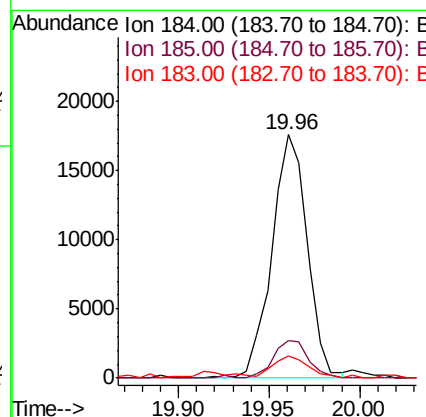
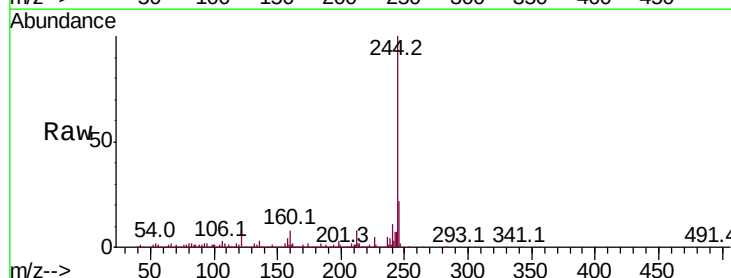
Instrument :
BNA_G
ClientSampleId :
ISLAND-BETWEEN-G-H-2

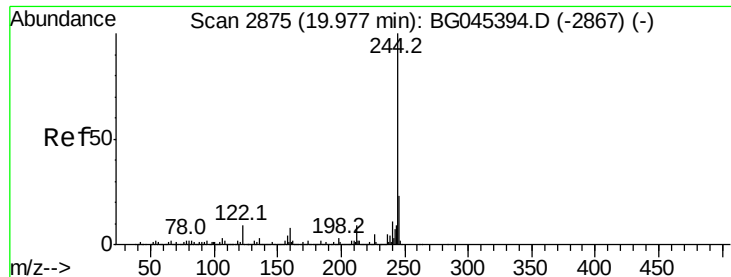
Tot Ion:240 Resp: 406111
Ion Ratio Lower Upper
240 100
120 6.6 6.1 9.1
236 24.0 22.3 33.5



#77
Benzidine
Concen: 2.111 ng
RT: 19.96 min Scan# 2872
Delta R.T. 0.38 min
Lab File: BG045495.D
Acq: 28 May 2020 13:32

Tgt Ion:184 Resp: 24072
Ion Ratio Lower Upper
184 100
185 15.4 11.7 17.5
183 8.9 10.2 15.4#





#79

Terphenyl-d14

Concen: 77.514 ng

RT: 19.96 min Scan# 2872

Delta R.T. -0.00 min

Lab File: BG045495.D

Acq: 28 May 2020 13:32

Instrument :

BNA_G

ClientSampleId :

ISLAND-BETWEEN-G-H-2

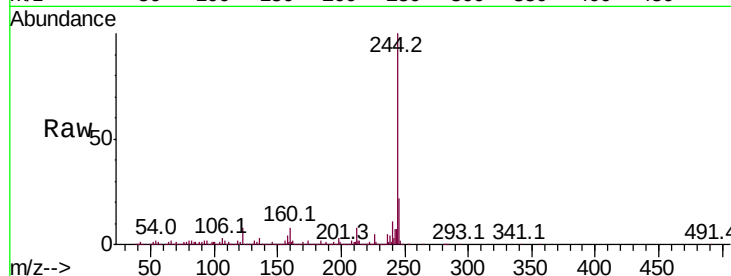
Tot Ion:244 Resp: 1349715

Ion Ratio Lower Upper

244 100

212 8.5 7.4 11.0

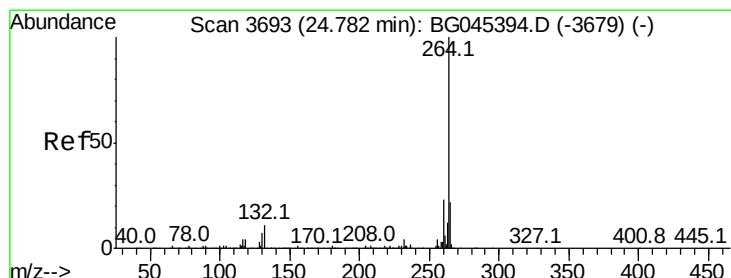
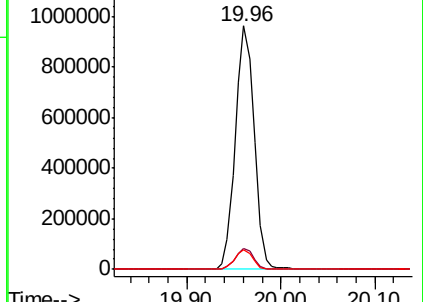
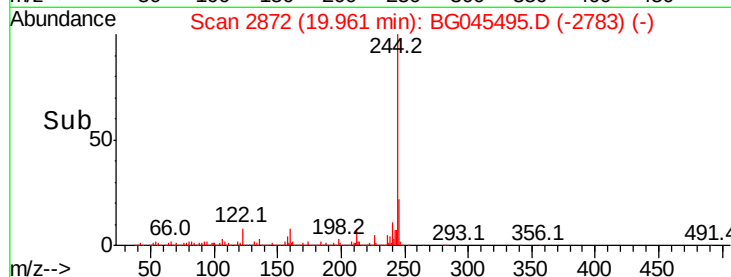
122 8.0 6.8 10.2



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.75 min Scan# 3688

Delta R.T. -0.00 min

Lab File: BG045495.D

Acq: 28 May 2020 13:32

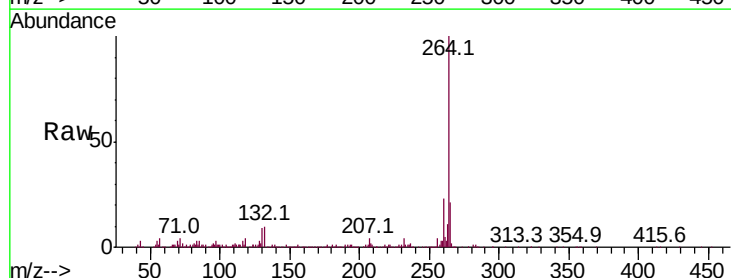
Tgt Ion:264 Resp: 446236

Ion Ratio Lower Upper

264 100

260 23.4 18.2 27.4

265 20.9 17.6 26.4



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

