

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG052820\
 Data File : BG045496.D
 Acq On : 28 May 2020 14:12
 Operator : CG/JU
 Sample : L2771-07
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ISLAND-BETWEEN-G-H-4

Quant Time: Jun 03 03:41:20 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

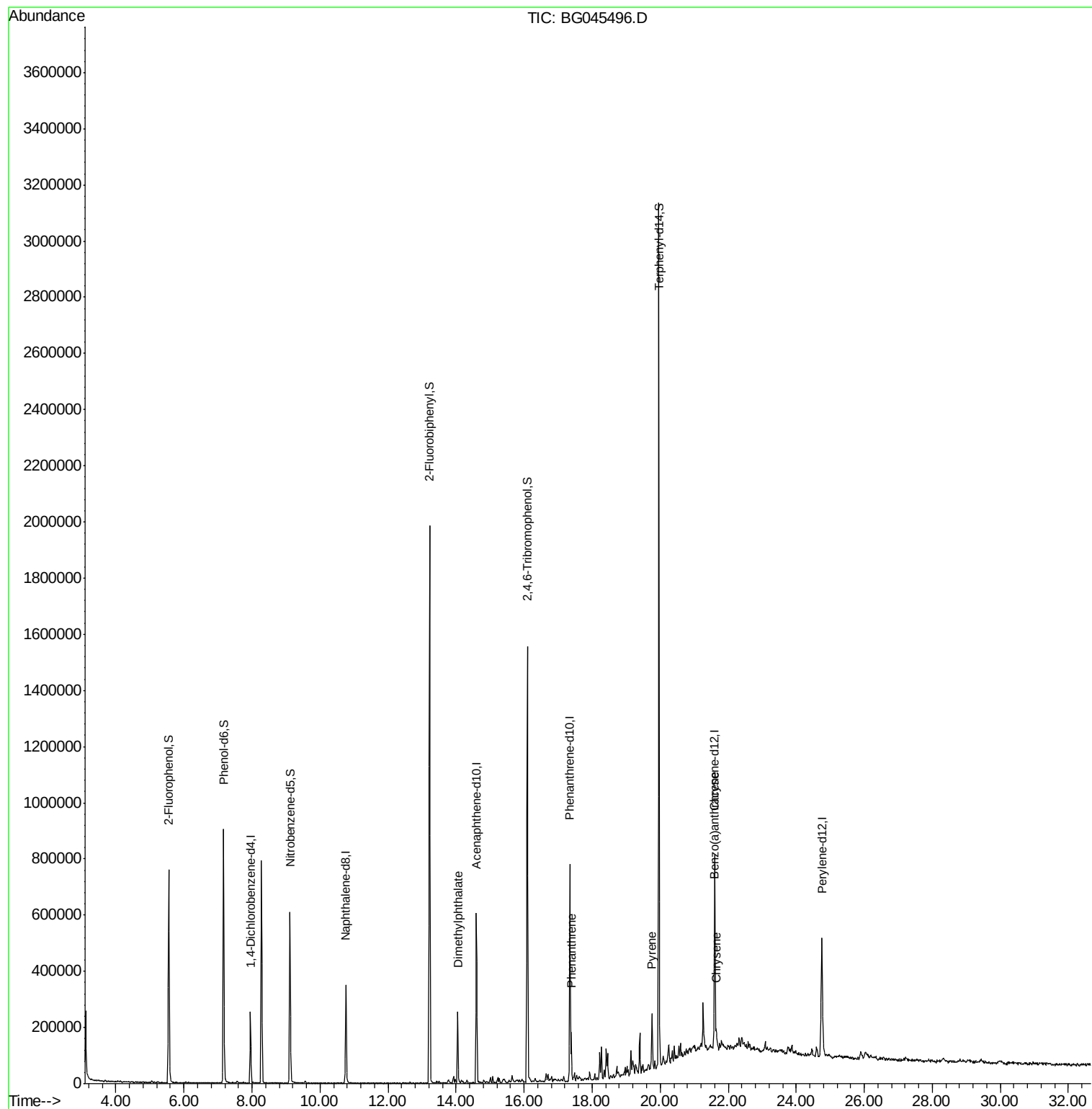
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	79688	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	324248	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	233215	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	510037	20.00	ng	0.00
76) Chrysene-d12	21.60	240	431103	20.00	ng	0.00
87) Perylene-d12	24.75	264	476594	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	390668	95.81	ng	0.00
7) Phenol-d6	7.17	99	606196	104.45	ng	0.00
23) Nitrobenzene-d5	9.12	82	436218	73.36	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	330320	110.75	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1056343	76.83	ng	0.00
79) Terphenyl-d14	19.96	244	1522607	82.37	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	14.05	163	175478	10.968	ng	99
71) Phenanthrene	17.39	178	111335	5.000	ng	97
78) Pyrene	19.76	202	131202	5.339	ng	98
81) Benzo(a)anthracene	21.59	228	49899	2.078	ng	98
83) Chrysene	21.65	228	52212	2.261	ng	96

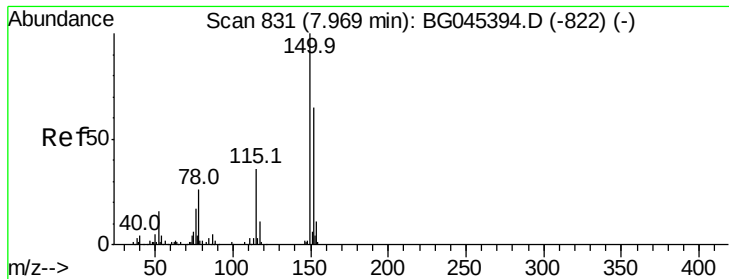
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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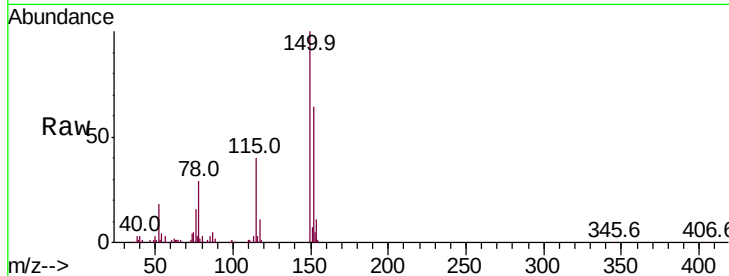


#1

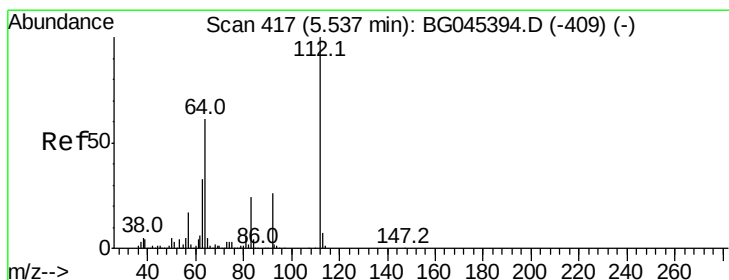
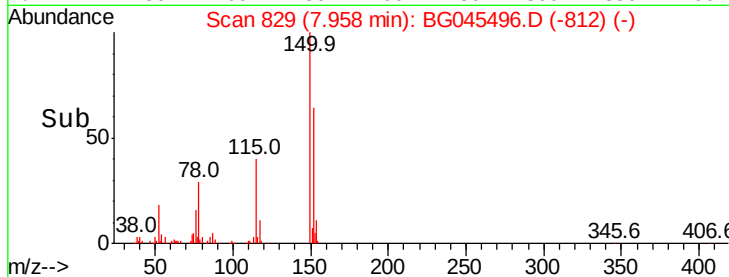
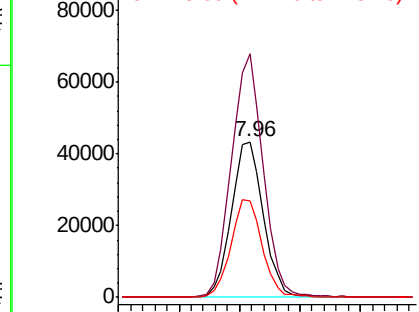
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 829
Delta R.T. 0.00 min
Lab File: BG045496.D
Acq: 28 May 2020 14:12

Instrument :
BNA_G
ClientSampleId :
ISLAND-BETWEEN-G-H-4

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	122.4	183.6
115	62.1	44.2	66.4



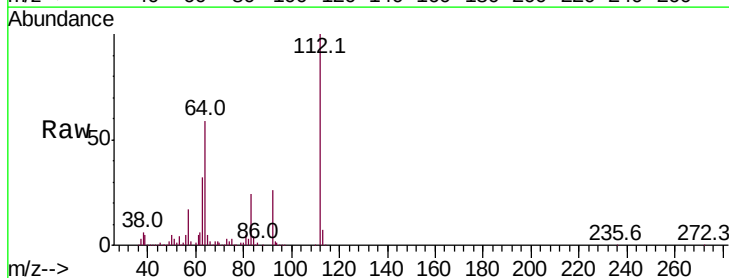
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



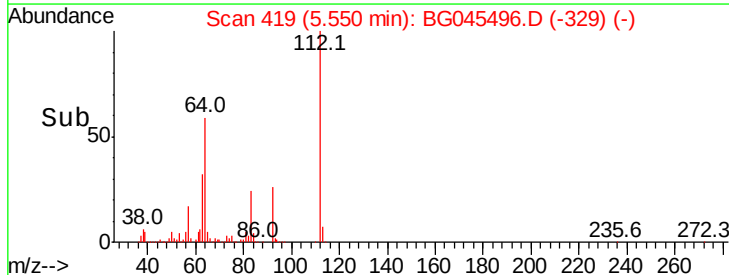
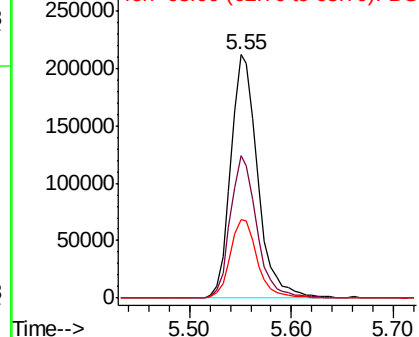
#5

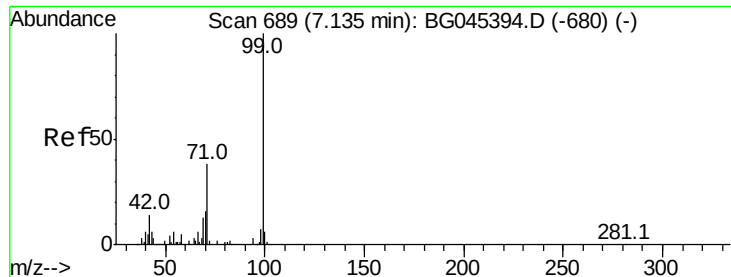
2-Fluorophenol
Concen: 95.809 ng
RT: 5.55 min Scan# 419
Delta R.T. 0.00 min
Lab File: BG045496.D
Acq: 28 May 2020 14:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.7	48.6	72.8
63	32.1	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: 104.451 ng

RT: 7.17 min Scan# 694

Delta R.T. 0.00 min

Lab File: BG045496.D

Acq: 28 May 2020 14:12

Instrument :

BNA_G

ClientSampleId :

ISLAND-BETWEEN-G-H-4

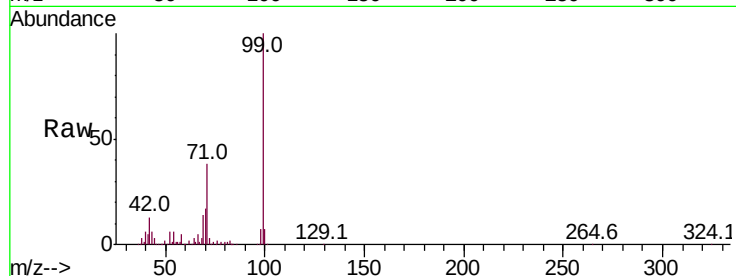
Tot Ion: 99 Resp: 606196

Ion Ratio Lower Upper

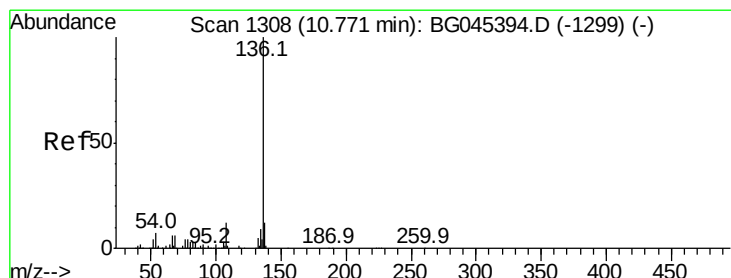
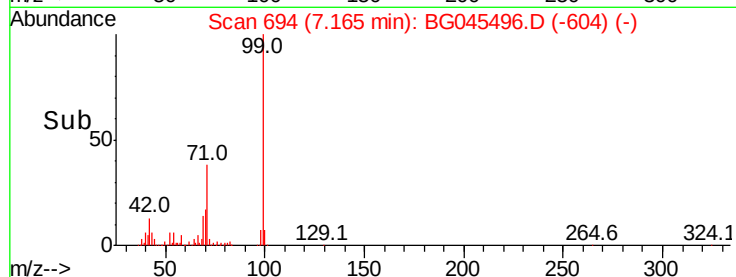
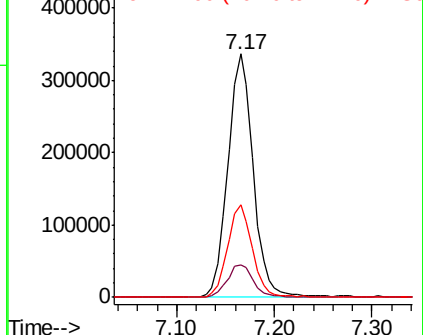
99 100

42 13.3 11.3 16.9

71 38.2 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.76 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BG045496.D

Acq: 28 May 2020 14:12

Tgt Ion: 136 Resp: 324248

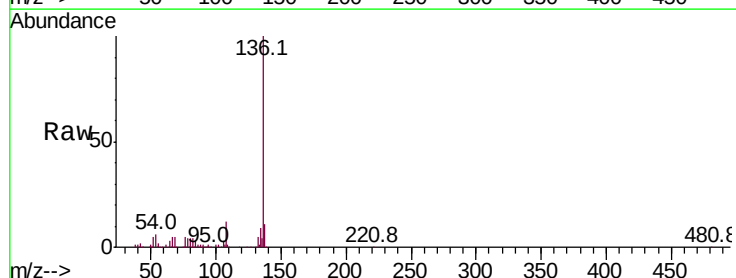
Ion Ratio Lower Upper

136 100

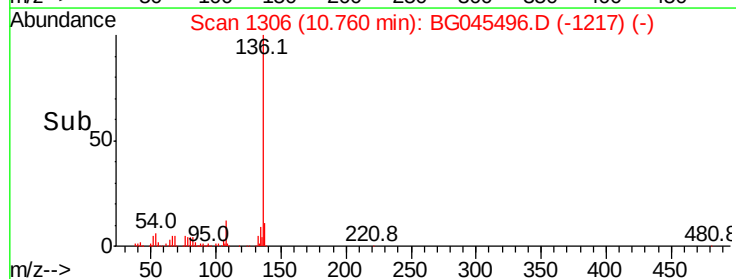
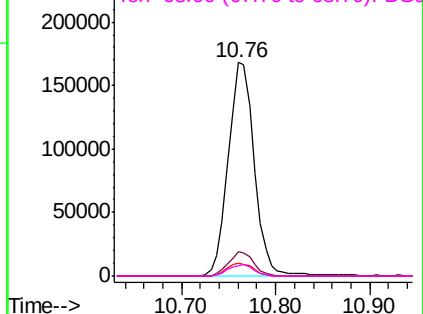
137 11.4 9.4 14.2

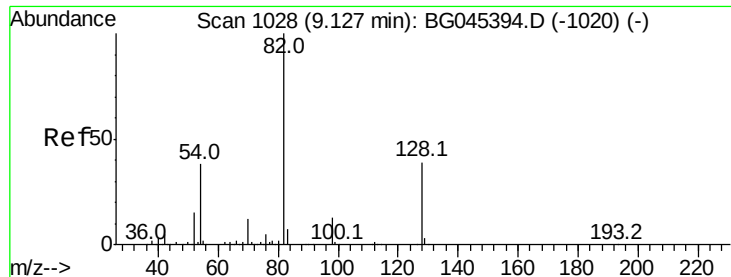
54 6.1 5.8 8.6

68 4.6 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

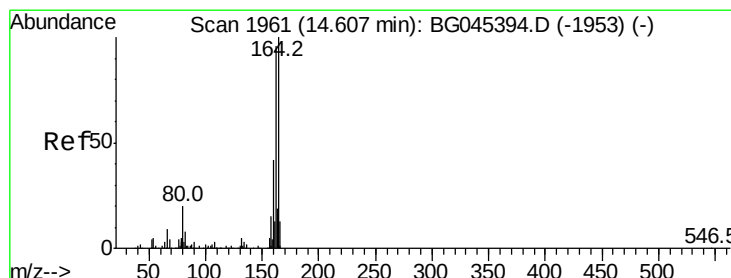
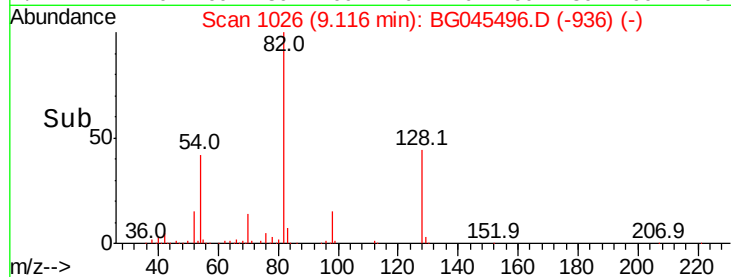
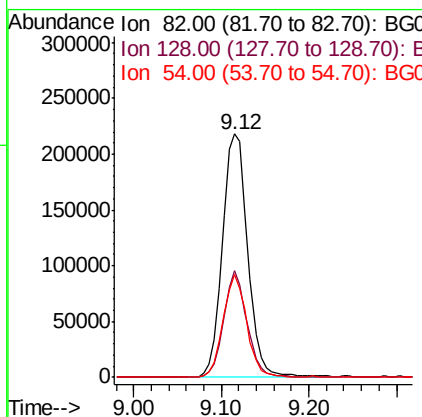
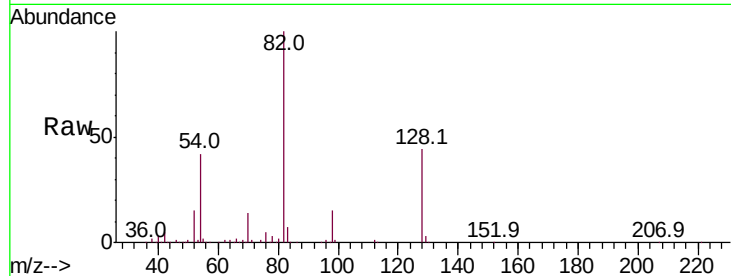




#23
 Nitrobenzene-d5
 Concen: 73.363 ng
 RT: 9.12 min Scan# 1026
 Delta R.T. 0.00 min
 Lab File: BG045496.D
 Acq: 28 May 2020 14:12

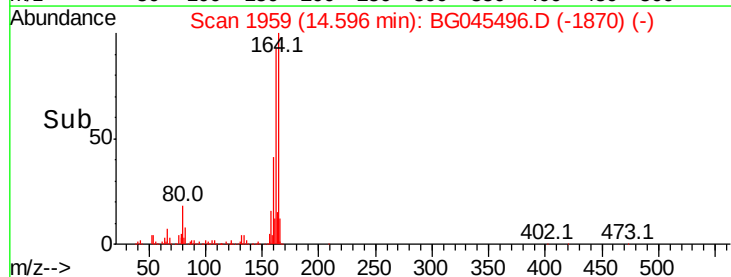
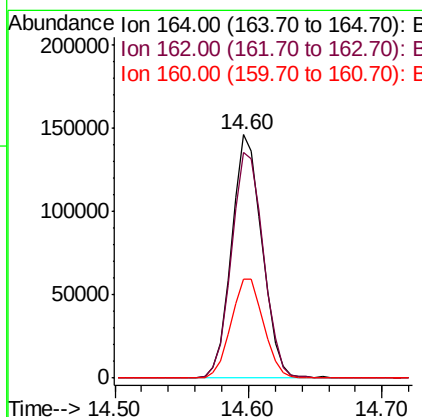
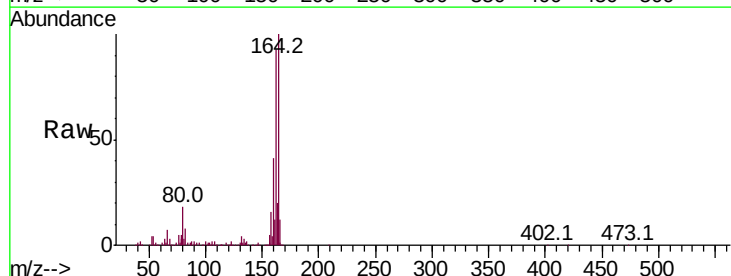
Instrument :
 BNA_G
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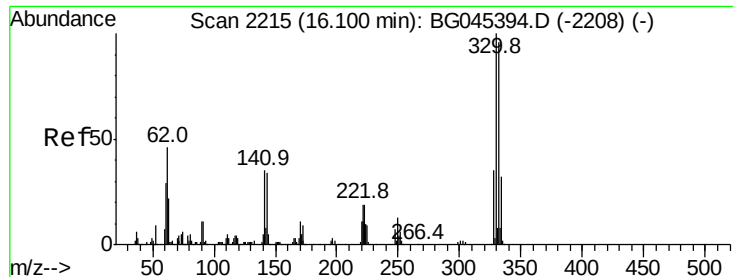
Tot Ion	82	Resp	436218
Ion	Ratio	Lower	Upper
82	100		
128	43.6	30.9	46.3
54	42.1	30.3	45.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.60 min Scan# 1959
 Delta R.T. -0.01 min
 Lab File: BG045496.D
 Acq: 28 May 2020 14:12

Tgt Ion	164	Resp	233215
Ion	Ratio	Lower	Upper
164	100		
162	92.6	76.9	115.3
160	40.7	33.8	50.8

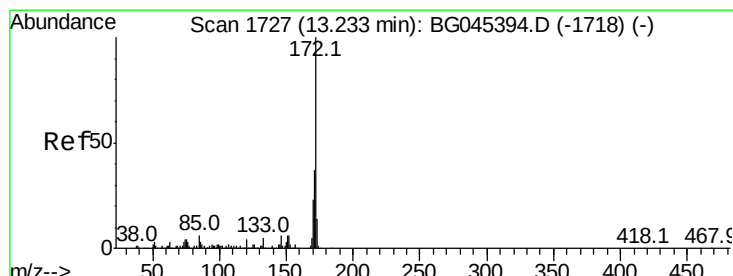
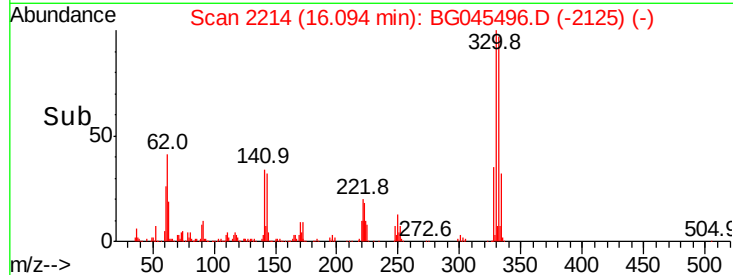
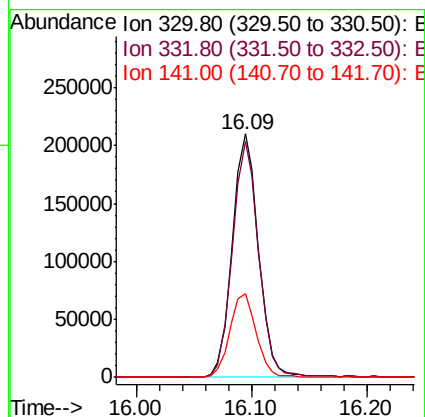
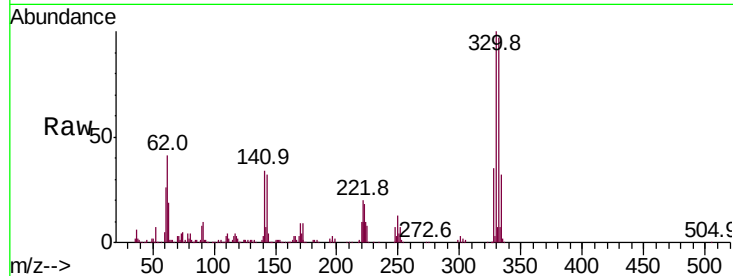




#42
 2,4,6-Tribromophenol
 Concen: 110.751 ng
 RT: 16.09 min Scan# 2214
 Delta R.T. -0.01 min
 Lab File: BG045496.D
 Acq: 28 May 2020 14:12

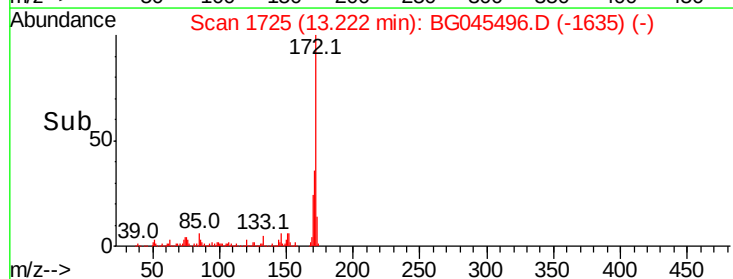
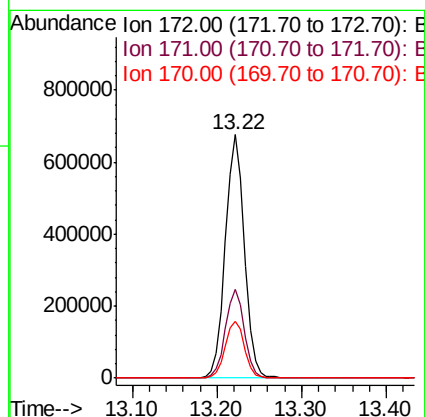
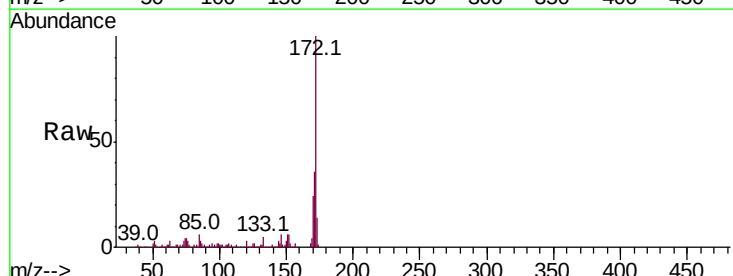
Instrument :
 BNA_G
 ClientSampleId :
 ISLAND-BETWEEN-G-H-4

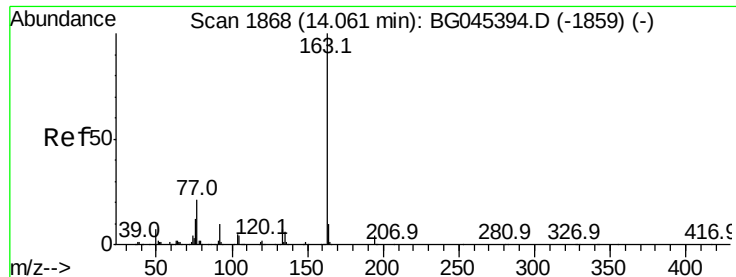
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	78.2	117.4
141	34.9	28.2	42.4



#45
 2-Fluorobiphenyl
 Concen: 76.829 ng
 RT: 13.22 min Scan# 1725
 Delta R.T. 0.00 min
 Lab File: BG045496.D
 Acq: 28 May 2020 14:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.5	44.3
170	23.5	18.5	27.7





#50

Dimethylphthalate

Concen: 10.968 ng

RT: 14.05 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BG045496.D

Acq: 28 May 2020 14:12

Instrument :

BNA_G

ClientSampleId :

ISLAND-BETWEEN-G-H-4

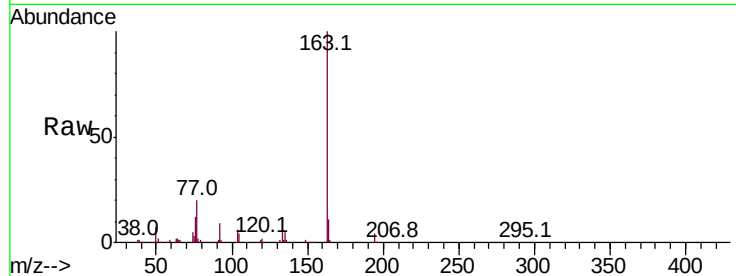
Tot Ion:163 Resp: 175478

Ion Ratio Lower Upper

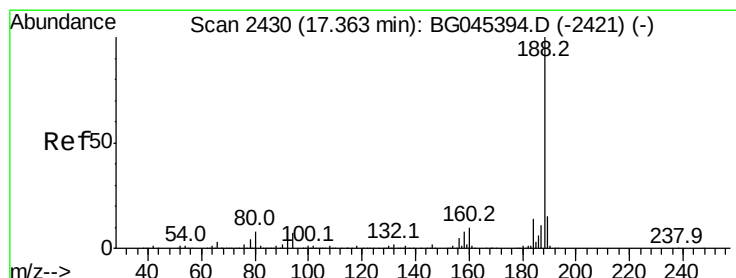
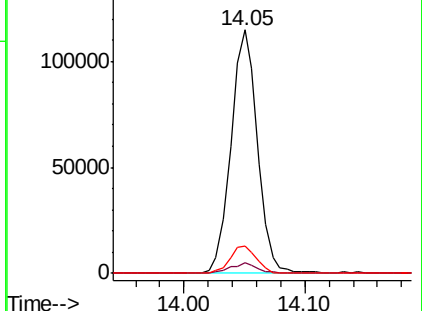
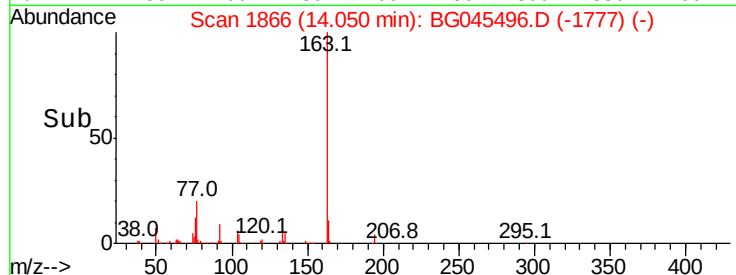
163 100

194 4.2 3.2 4.8

164 11.1 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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.35 min Scan# 2427

Delta R.T. -0.01 min

Lab File: BG045496.D

Acq: 28 May 2020 14:12

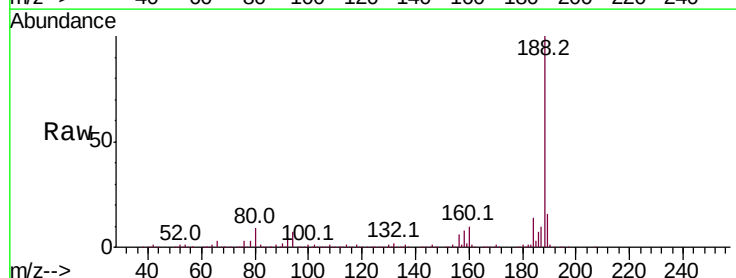
Tgt Ion:188 Resp: 510037

Ion Ratio Lower Upper

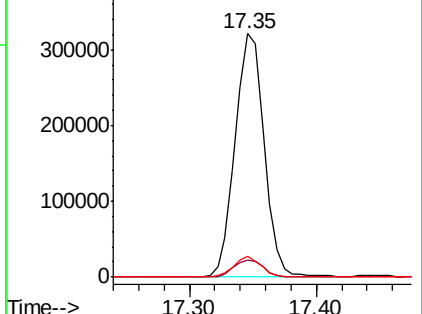
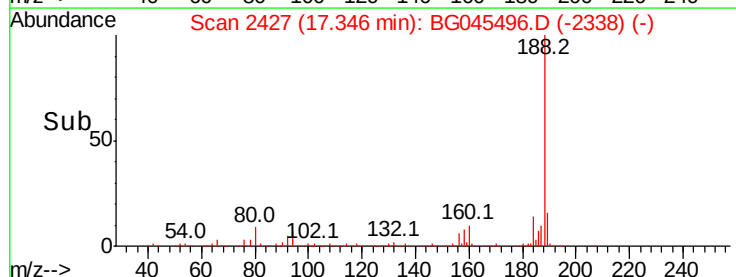
188 100

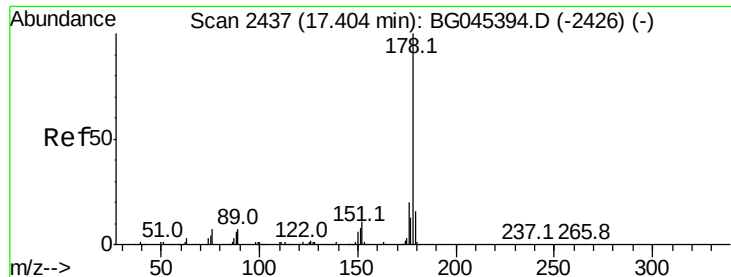
94 7.1 5.5 8.3

80 8.8 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





#71

Phenanthrene

Concen: 5.000 ng

RT: 17.39 min Scan# 2434

Delta R.T. -0.01 min

Lab File: BG045496.D

Acq: 28 May 2020 14:12

Instrument :

BNA_G

ClientSampleId :

ISLAND-BETWEEN-G-H-4

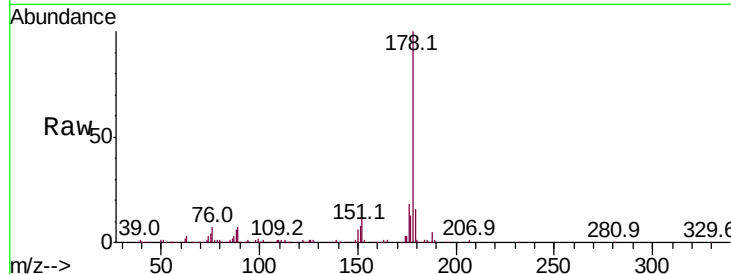
Tot Ion:178 Resp: 111335

Ion Ratio Lower Upper

178 100

176 17.8 16.2 24.4

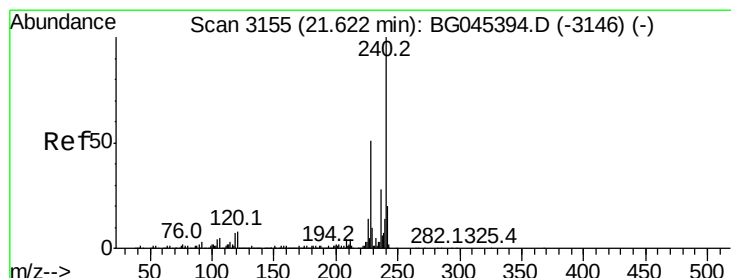
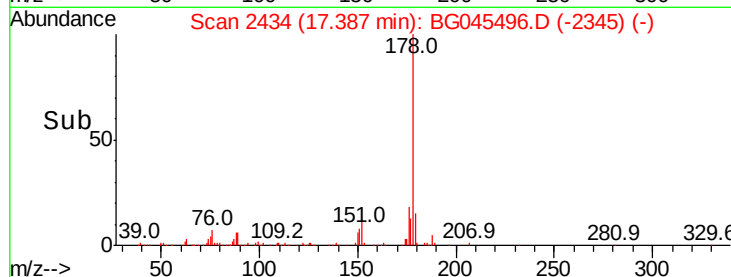
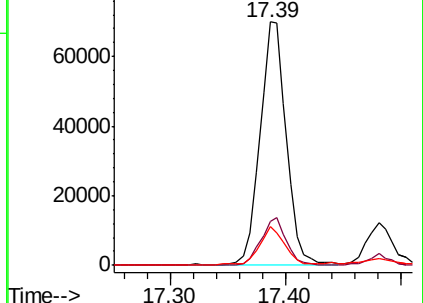
179 16.1 13.1 19.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.60 min Scan# 3152

Delta R.T. -0.01 min

Lab File: BG045496.D

Acq: 28 May 2020 14:12

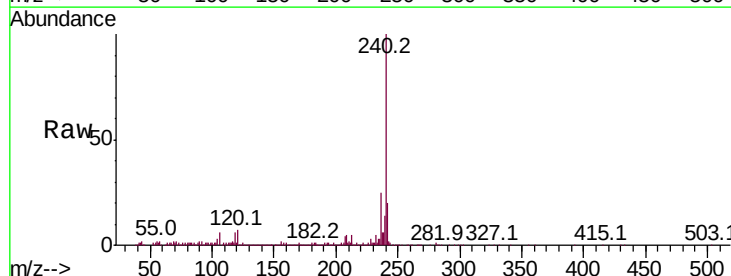
Tgt Ion:240 Resp: 431103

Ion Ratio Lower Upper

240 100

120 7.2 6.1 9.1

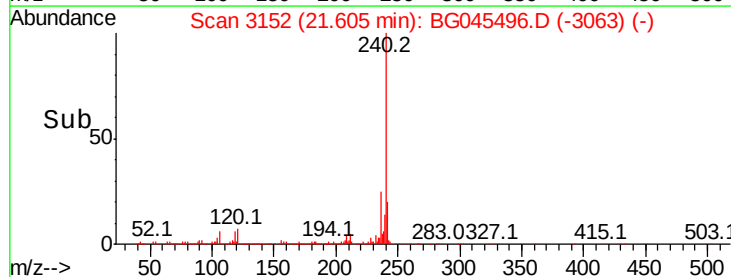
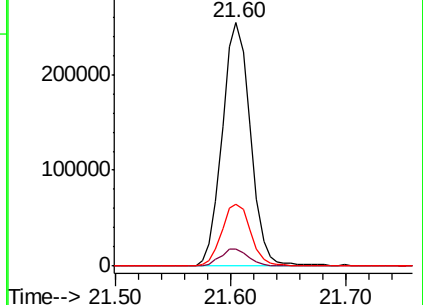
236 25.5 22.3 33.5

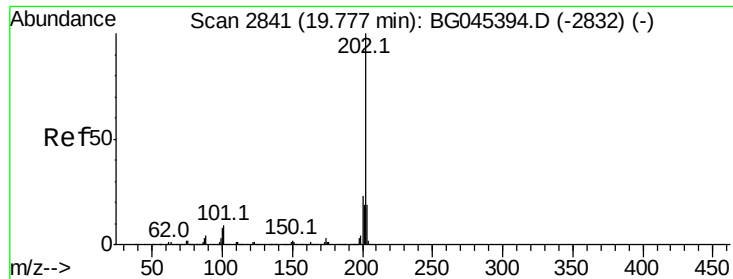


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

Concen: 5.339 ng

RT: 19.76 min Scan# 2838

Delta R.T. -0.01 min

Lab File: BG045496.D

Acq: 28 May 2020 14:12

Instrument :

BNA_G

ClientSampleId :

ISLAND-BETWEEN-G-H-4

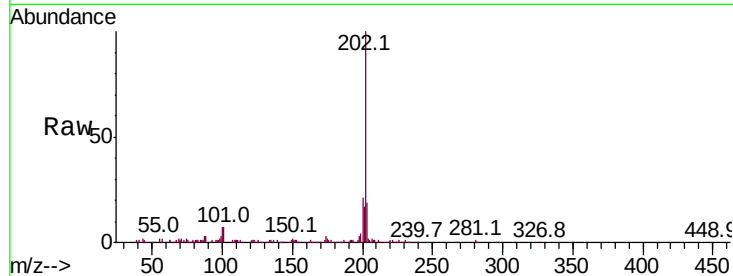
Tot Ion:202 Resp: 131202

Ion Ratio Lower Upper

202 100

200 21.1 18.2 27.2

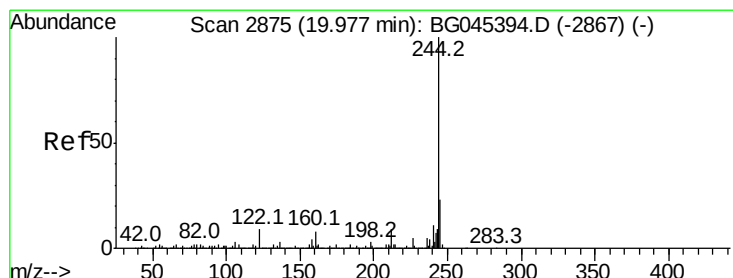
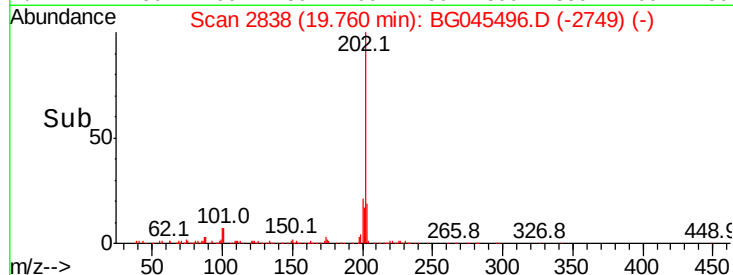
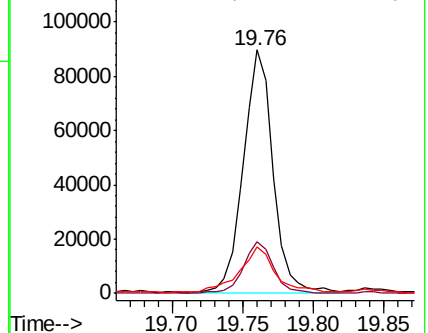
203 19.0 15.1 22.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 82.374 ng

RT: 19.96 min Scan# 2872

Delta R.T. -0.01 min

Lab File: BG045496.D

Acq: 28 May 2020 14:12

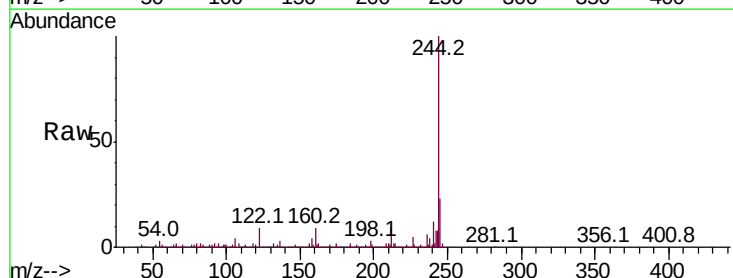
Tgt Ion:244 Resp: 1522607

Ion Ratio Lower Upper

244 100

212 9.0 7.4 11.0

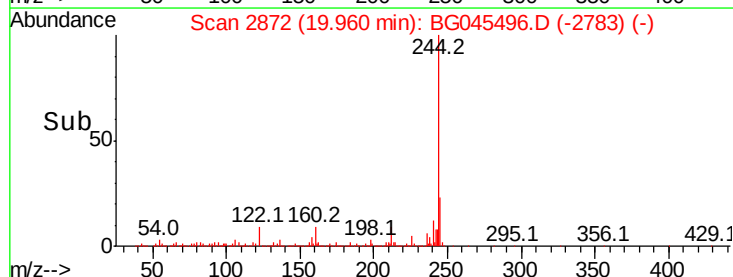
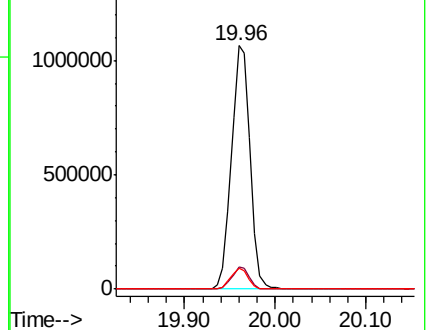
122 8.6 6.8 10.2

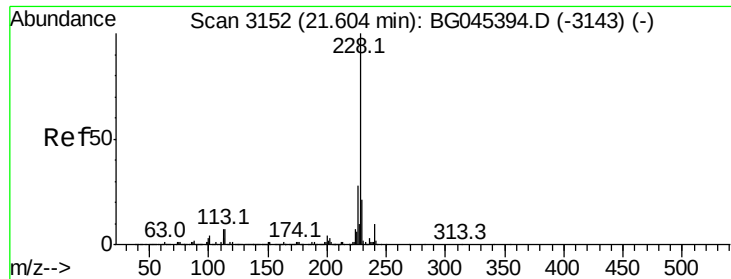


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#81

Benzo(a)anthracene

Concen: 2.078 ng

RT: 21.59 min Scan# 3149

Delta R.T. -0.01 min

Lab File: BG045496.D

Acq: 28 May 2020 14:12

Instrument :

BNA_G

ClientSampleId :

ISLAND-BETWEEN-G-H-4

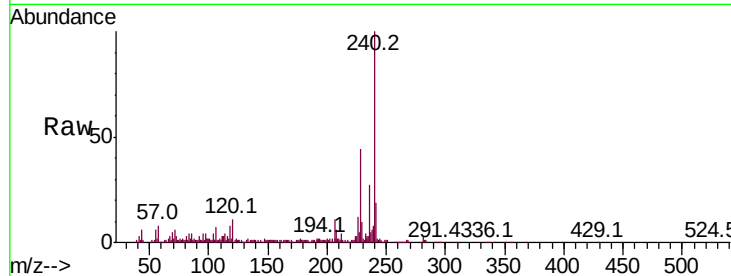
Tot Ion:228 Resp: 49899

Ion Ratio Lower Upper

228 100

226 27.9 22.7 34.1

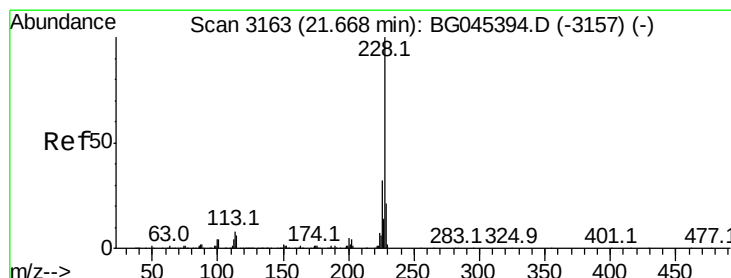
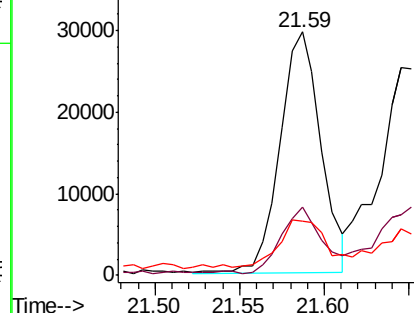
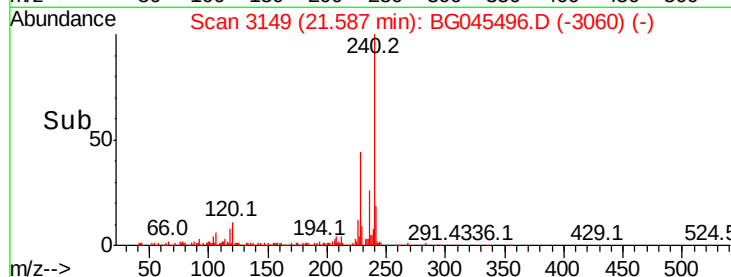
229 22.4 16.7 25.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Chrysene

Concen: 2.261 ng

RT: 21.65 min Scan# 3159

Delta R.T. -0.01 min

Lab File: BG045496.D

Acq: 28 May 2020 14:12

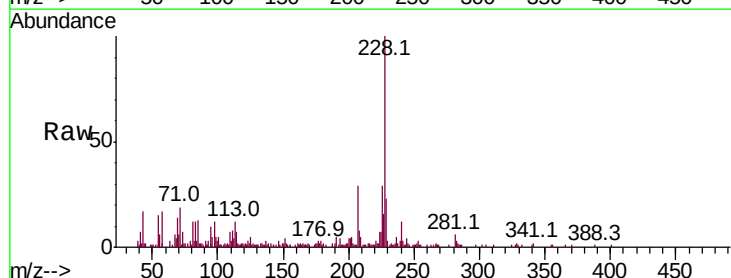
Tgt Ion:228 Resp: 52212

Ion Ratio Lower Upper

228 100

226 28.9 25.2 37.8

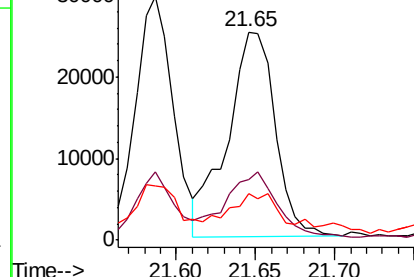
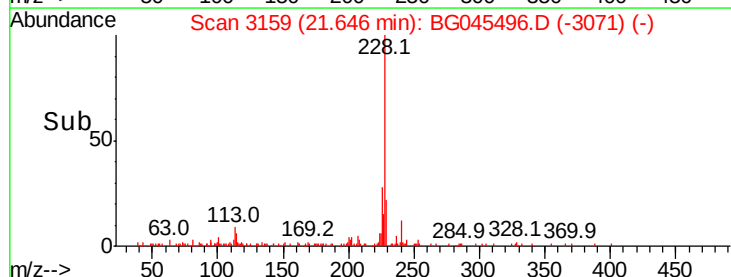
229 22.6 16.7 25.1

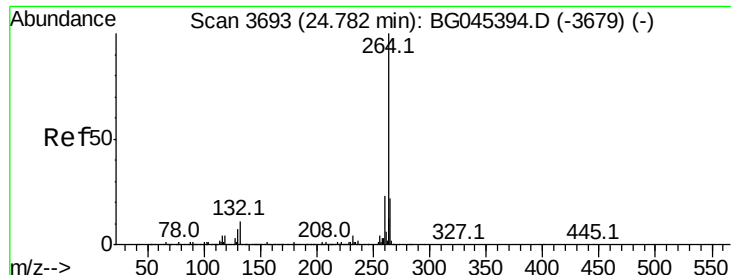


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.75 min Scan# 3688
Delta R.T. -0.01 min
Lab File: BG045496.D
Acq: 28 May 2020 14:12

Instrument :
BNA_G
ClientSampleId :
ISLAND-BETWEEN-G-H-4

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.2	27.4
265	22.1	17.6	26.4

