

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061020\
 Data File : BG045715.D
 Acq On : 11 Jun 2020 9:25
 Operator : CG/JU
 Sample : L2965-12
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MASON-BRICK-COMP-2

Quant Time: Jun 11 10:49:28 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 01 15:07:00 2020
 Response via : Initial Calibration

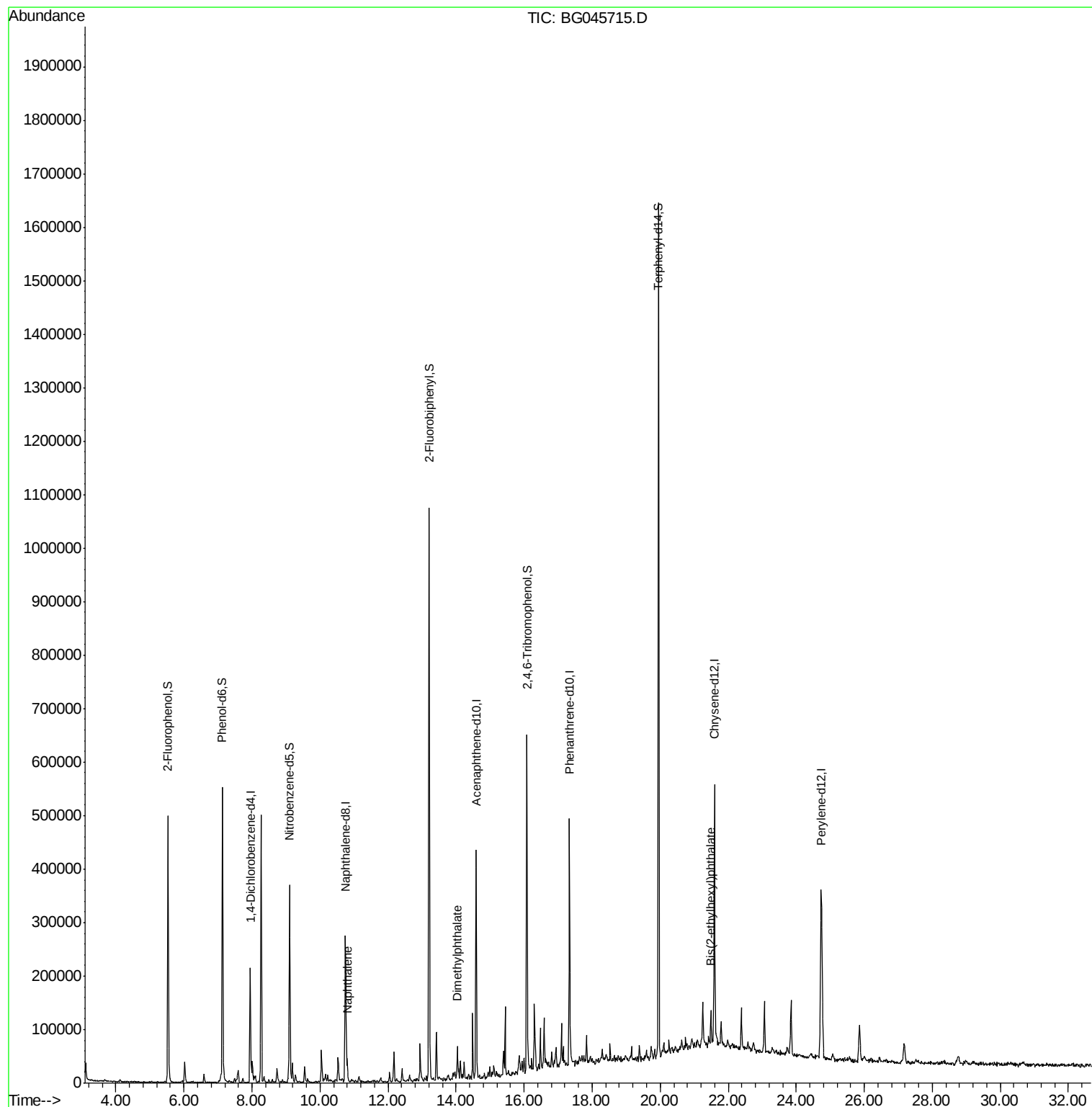
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	60288	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	238360	20.00	ng	-0.01
39) Acenaphthene-d10	14.59	164	155969	20.00	ng	0.00
64) Phenanthrene-d10	17.33	188	315815	20.00	ng	-0.01
76) Chrysene-d12	21.59	240	309650	20.00	ng	-0.01
87) Perylene-d12	24.74	264	350213	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	242565	78.63	ng	0.00
7) Phenol-d6	7.13	99	365911	83.34	ng	-0.02
23) Nitrobenzene-d5	9.10	82	254300	58.18	ng	-0.01
42) 2,4,6-Tribromophenol	16.08	330	131057	65.70	ng	-0.01
45) 2-Fluorobiphenyl	13.21	172	567133	61.68	ng	0.00
79) Terphenyl-d14	19.95	244	812185	61.17	ng	0.00
Target Compounds						
31) Naphthalene	10.80	128	25625	2.307	ng	# 96
50) Dimethylphthalate	14.04	163	38068	3.558	ng	# 98
84) Bis(2-ethylhexyl)phthalate	21.49	149	27589	2.634	ng	98

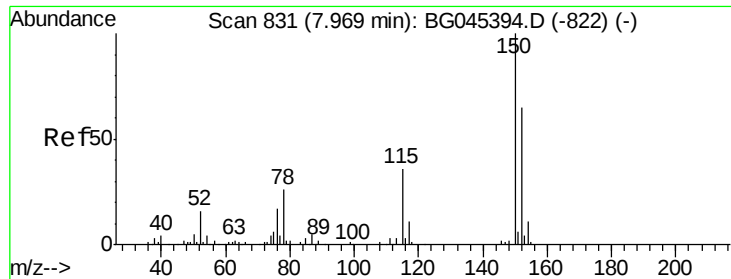
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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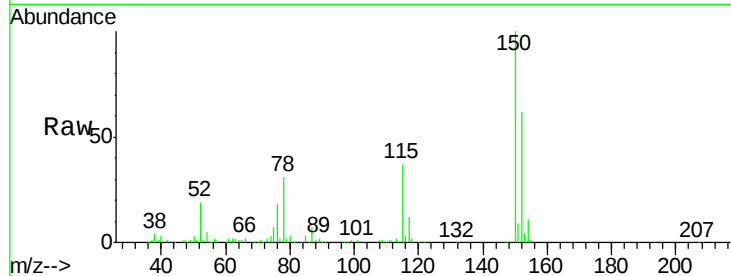


#1

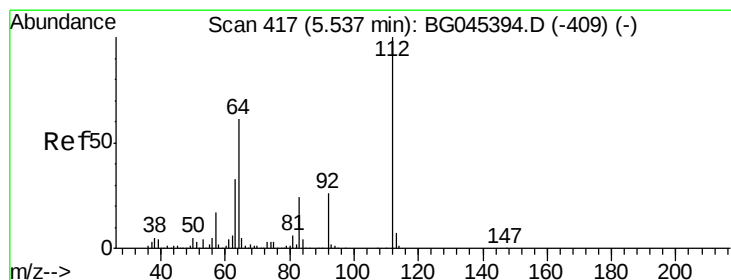
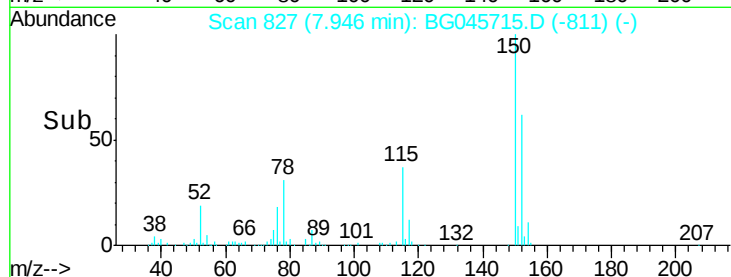
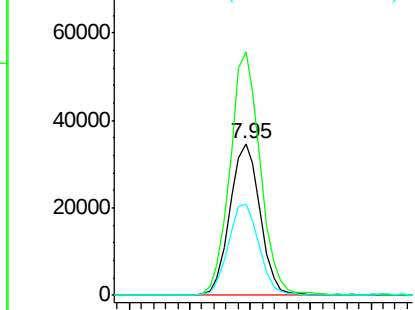
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BG045715.D
Acq: 11 Jun 2020 9:25

Instrument :
BNA_G
ClientSampleId :
MASON-BRICK-COMP-2

Tot Ion:152 Resp: 60288
Ion Ratio Lower Upper
152 100
150 160.4 122.4 183.6
115 59.8 44.2 66.4



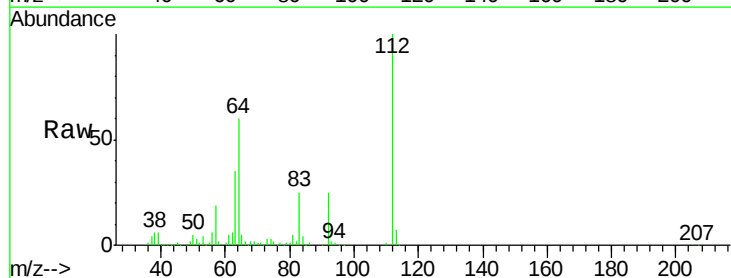
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



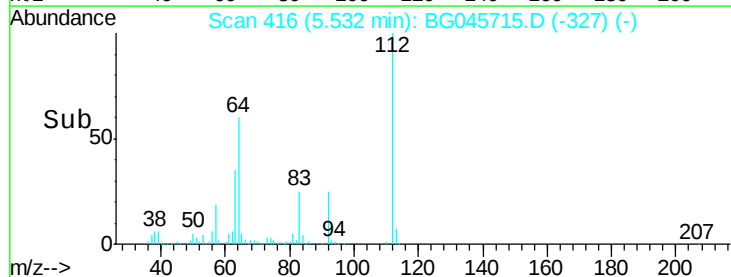
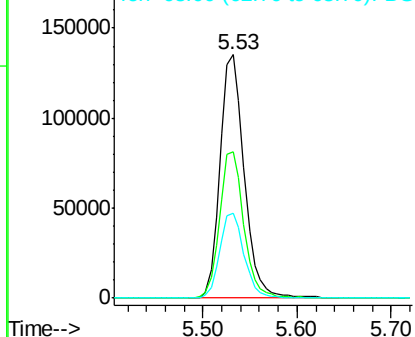
#5

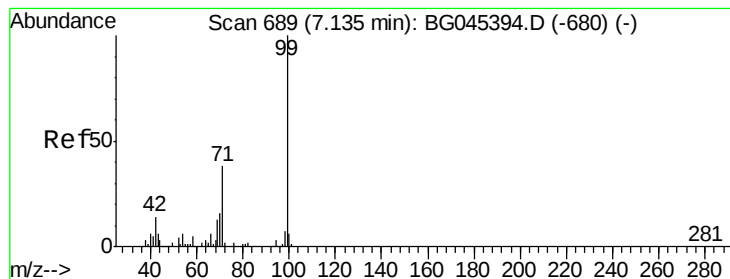
2-Fluorophenol
Concen: 78.630 ng
RT: 5.53 min Scan# 416
Delta R.T. -0.01 min
Lab File: BG045715.D
Acq: 11 Jun 2020 9:25

Tgt Ion:112 Resp: 242565
Ion Ratio Lower Upper
112 100
64 60.3 48.6 72.8
63 34.8 26.5 39.7



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





#7

Phenol-d6

Concen: 83.337 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.02 min

Lab File: BG045715.D

Acq: 11 Jun 2020 9:25

Instrument :

BNA_G

ClientSampleId :

MASON-BRICK-COMP-2

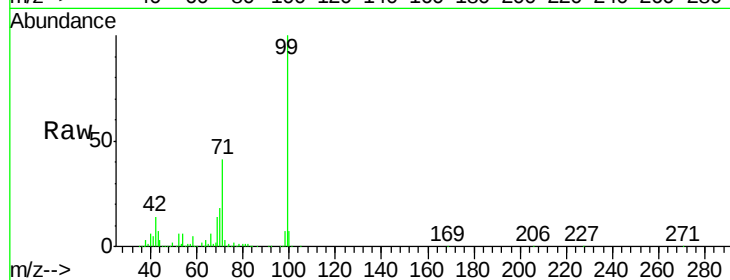
Tot Ion: 99 Resp: 365911

Ion Ratio Lower Upper

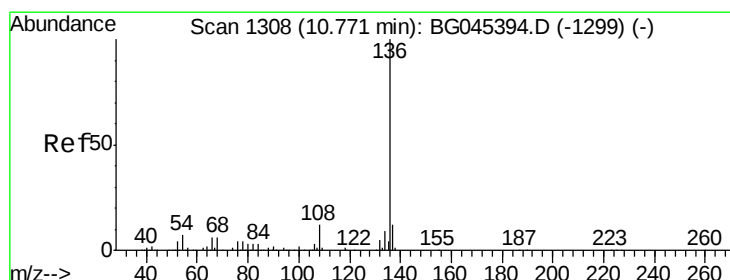
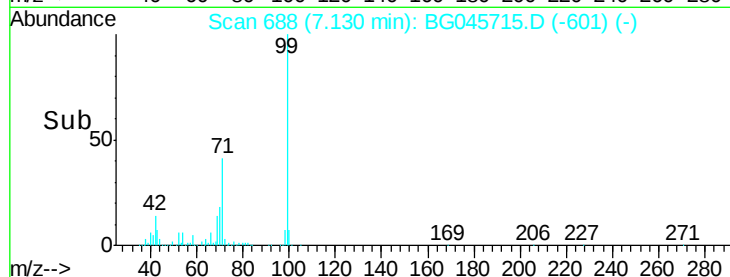
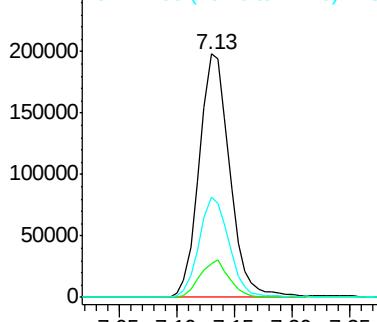
99 100

42 14.0 11.3 16.9

71 41.2 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: 10.75 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BG045715.D

Acq: 11 Jun 2020 9:25

Tgt Ion: 136 Resp: 238360

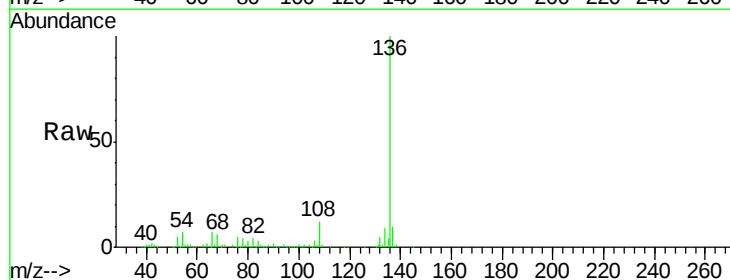
Ion Ratio Lower Upper

136 100

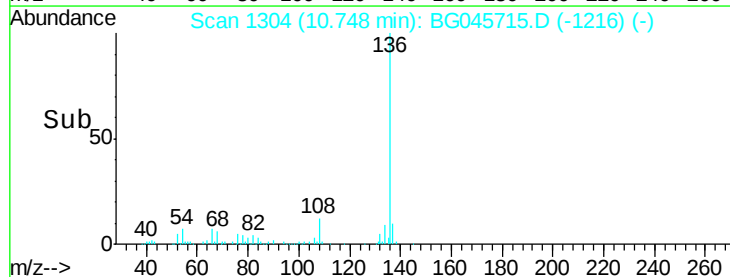
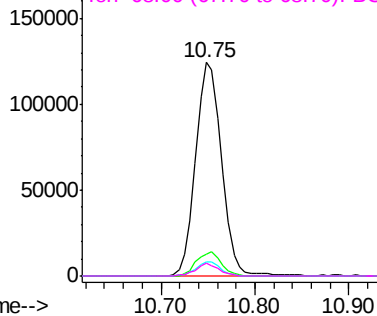
137 10.5 9.4 14.2

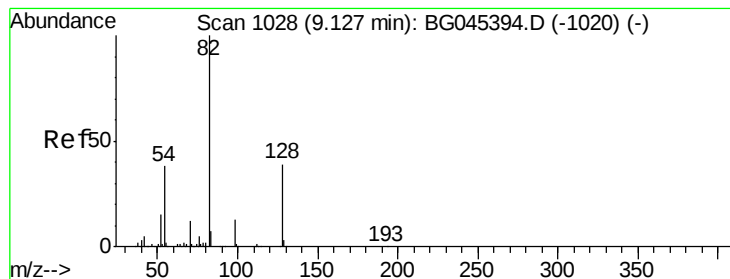
54 6.6 5.8 8.6

68 6.0 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: 58.178 ng

RT: 9.10 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BG045715.D

Acq: 11 Jun 2020 9:25

Instrument :

BNA_G

ClientSampleId :

MASON-BRICK-COMP-2

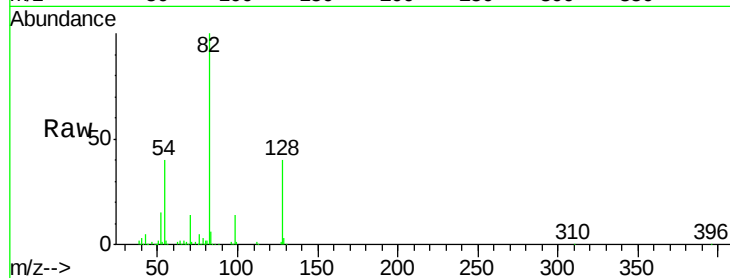
Tot Ion: 82 Resp: 254300

Ion Ratio Lower Upper

82 100

128 40.1 30.9 46.3

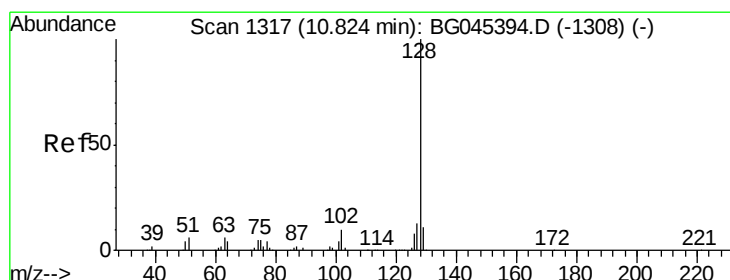
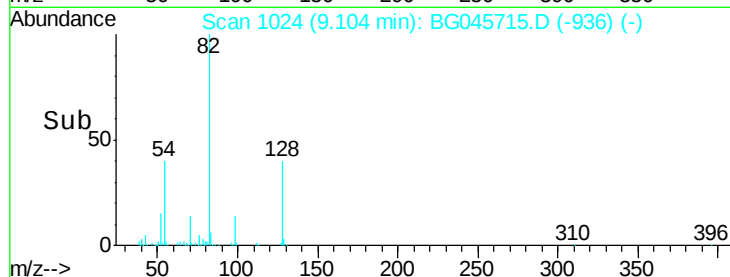
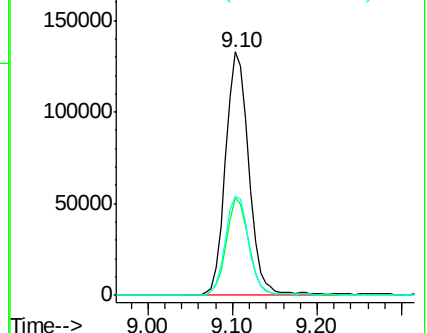
54 40.4 30.3 45.5



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



#31

Naphthalene

Concen: 2.307 ng

RT: 10.80 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BG045715.D

Acq: 11 Jun 2020 9:25

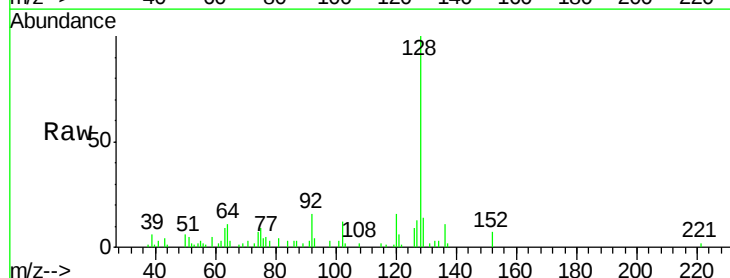
Tgt Ion: 128 Resp: 25625

Ion Ratio Lower Upper

128 100

129 14.4 9.0 13.6#

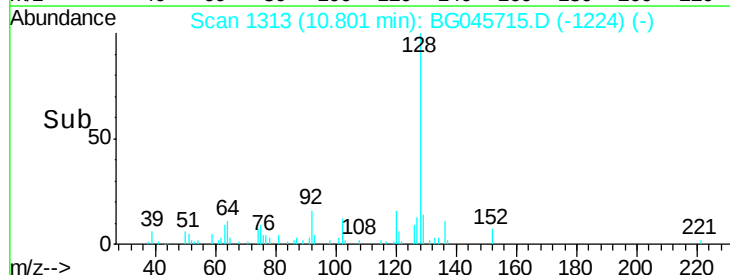
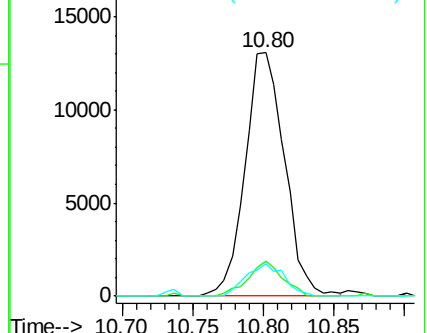
127 13.2 10.7 16.1

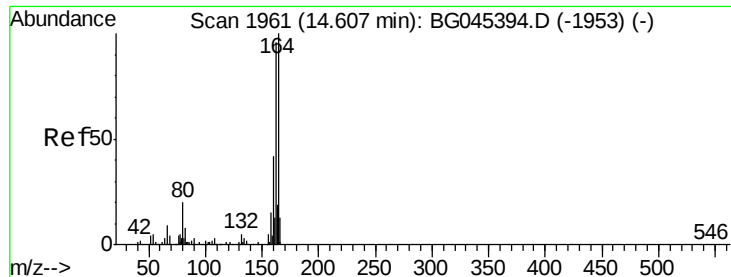


Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 129.00 (128.70 to 129.70): BGC

Ion 127.00 (126.70 to 127.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BG045715.D

Acq: 11 Jun 2020 9:25

Instrument :

BNA_G

ClientSampleId :

MASON-BRICK-COMP-2

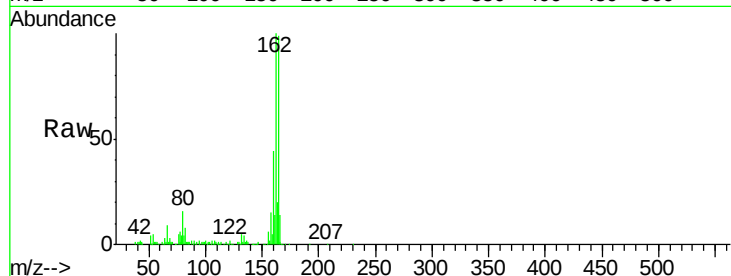
Tot Ion:164 Resp: 155969

Ion Ratio Lower Upper

164 100

162 101.3 76.9 115.3

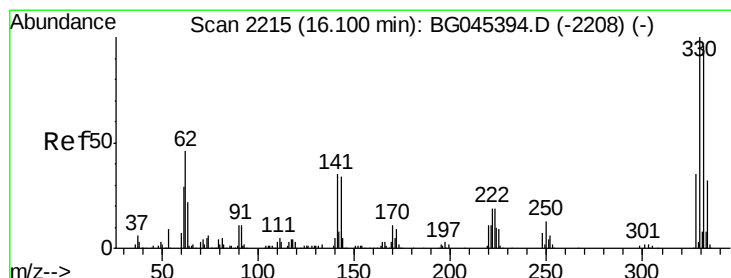
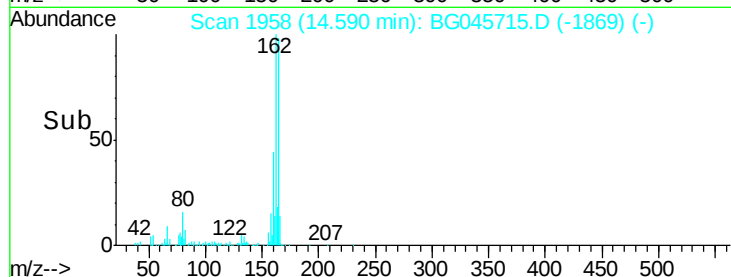
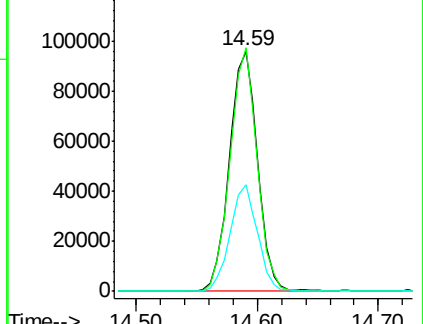
160 44.2 33.8 50.8



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: 65.704 ng

RT: 16.08 min Scan# 2212

Delta R.T. -0.01 min

Lab File: BG045715.D

Acq: 11 Jun 2020 9:25

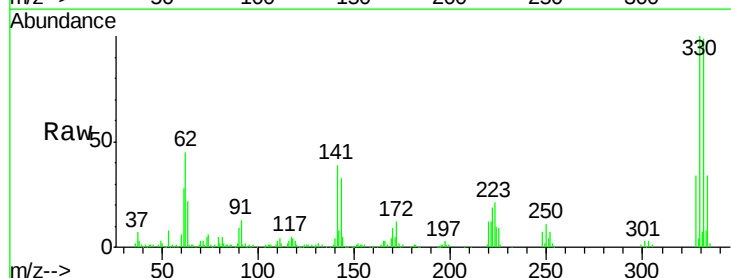
Tgt Ion:330 Resp: 131057

Ion Ratio Lower Upper

330 100

332 98.0 78.2 117.4

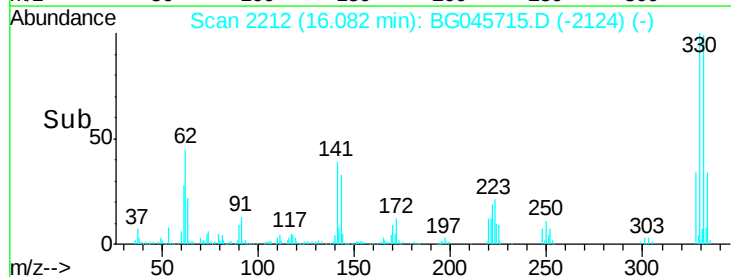
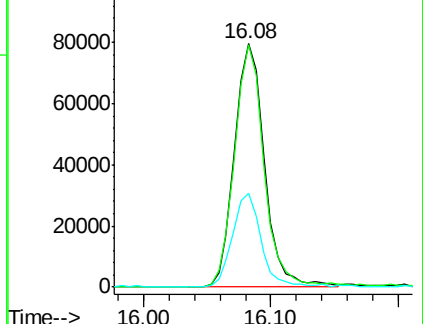
141 37.7 28.2 42.4

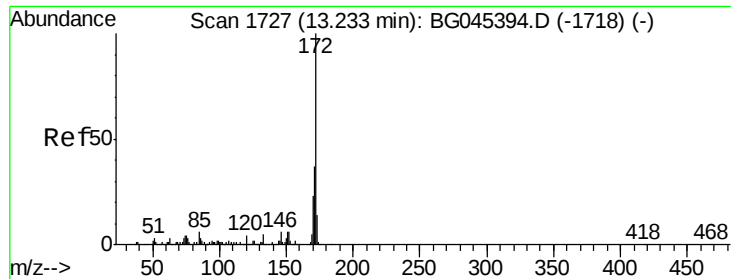


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

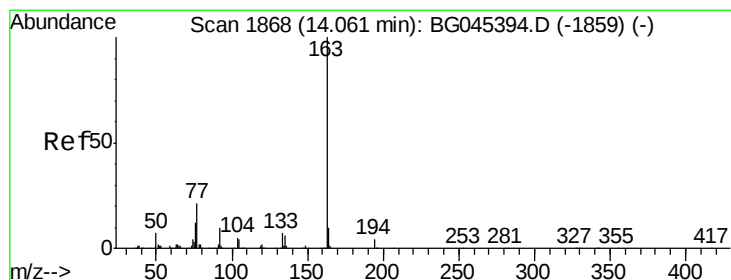
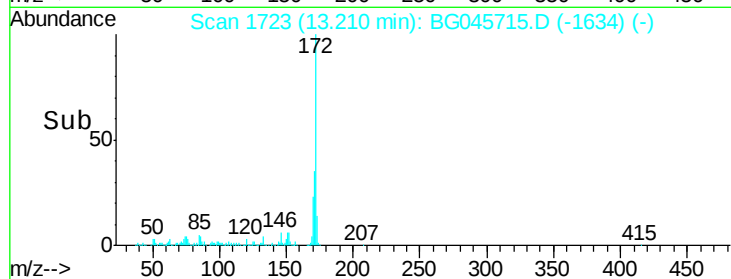
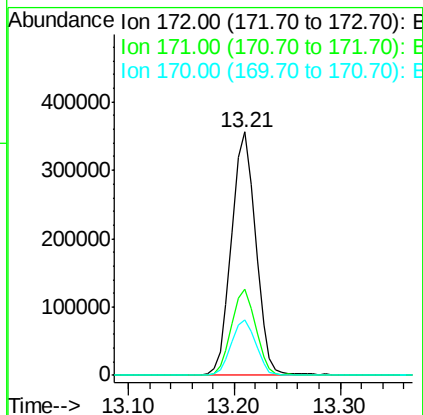
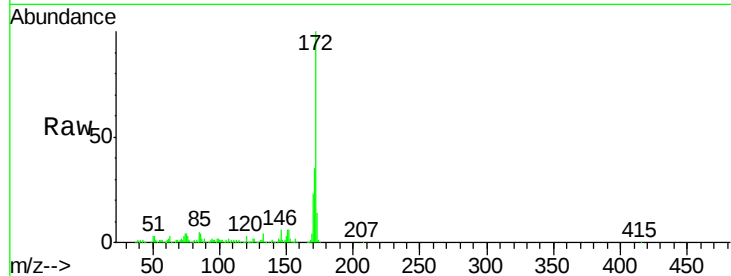




#45
2-Fluorobiphenyl
Concen: 61.677 ng
RT: 13.21 min Scan# 1723
Delta R.T. -0.01 min
Lab File: BG045715.D
Acq: 11 Jun 2020 9:25

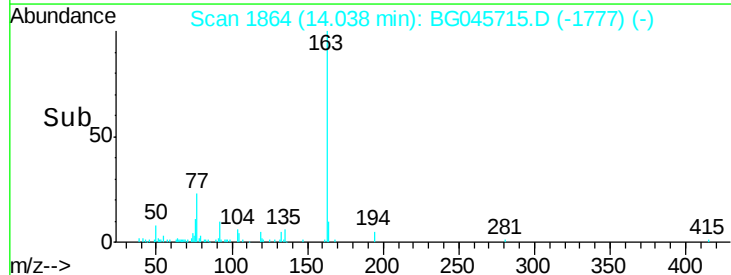
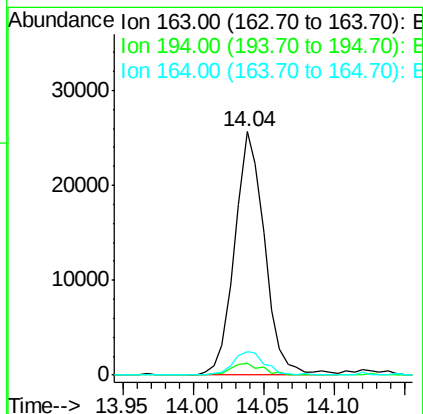
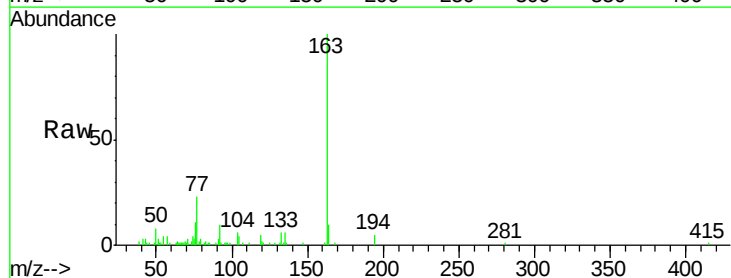
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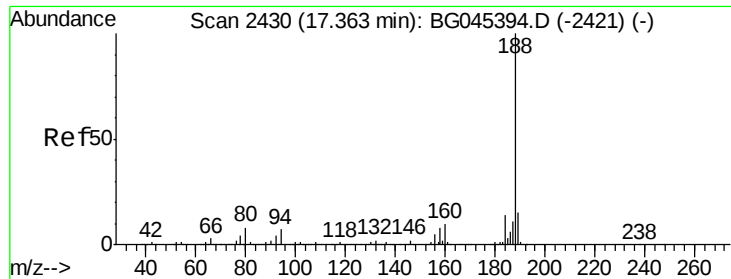
Tot Ion:172 Resp: 567133
Ion Ratio Lower Upper
172 100
171 35.4 29.5 44.3
170 22.9 18.5 27.7



#50
Dimethylphthalate
Concen: 3.558 ng
RT: 14.04 min Scan# 1864
Delta R.T. -0.02 min
Lab File: BG045715.D
Acq: 11 Jun 2020 9:25

Tgt Ion:163 Resp: 38068
Ion Ratio Lower Upper
163 100
194 5.1 3.2 4.8#
164 9.7 8.3 12.5

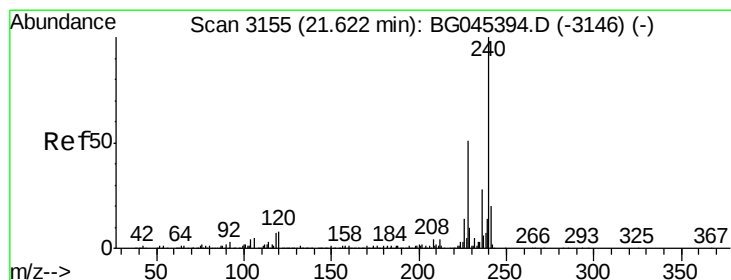
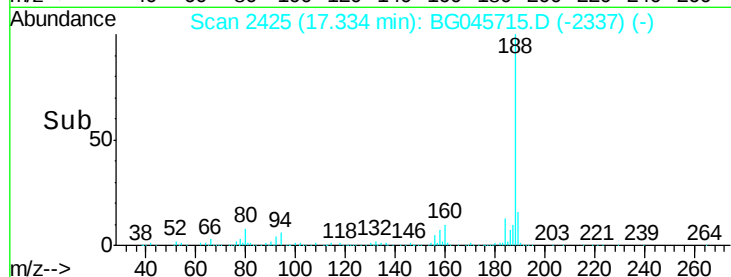
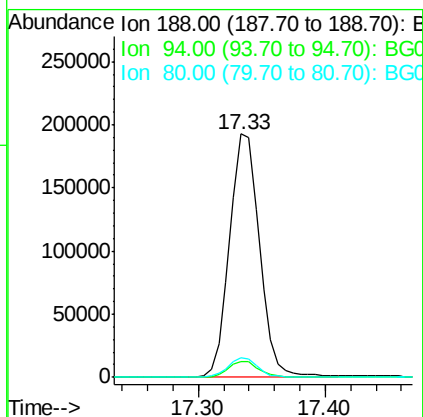
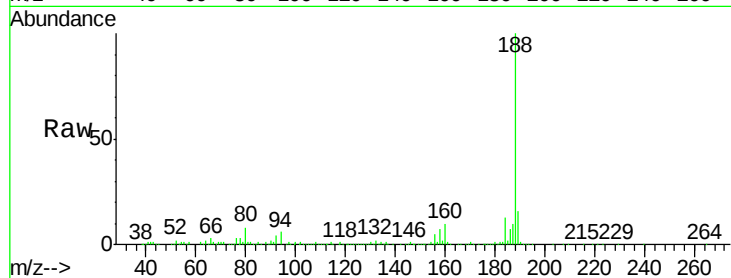




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.33 min Scan# 2425
Delta R.T. -0.01 min
Lab File: BG045715.D
Acq: 11 Jun 2020 9:25

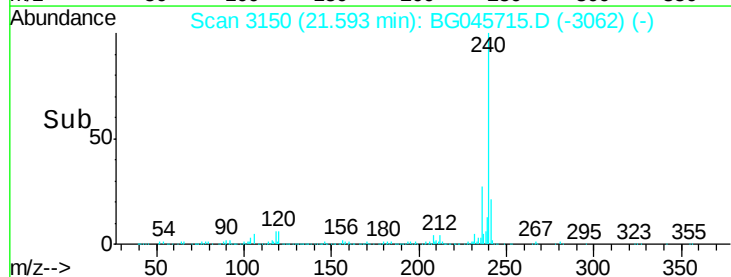
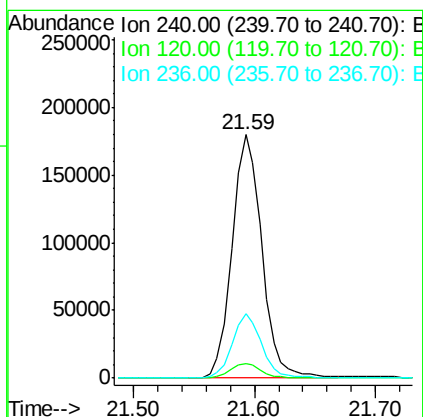
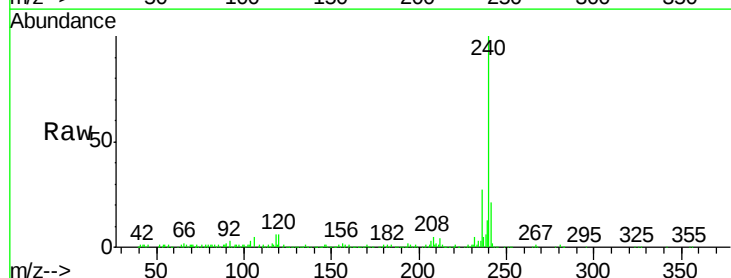
Instrument :
BNA_G
ClientSampleId :
MASON-BRICK-COMP-2

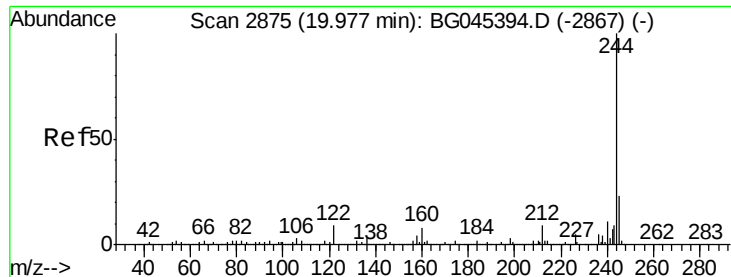
Tot Ion:188 Resp: 315815
Ion Ratio Lower Upper
188 100
94 6.5 5.5 8.3
80 8.2 6.6 10.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.59 min Scan# 3150
Delta R.T. -0.01 min
Lab File: BG045715.D
Acq: 11 Jun 2020 9:25

Tgt Ion:240 Resp: 309650
Ion Ratio Lower Upper
240 100
120 6.2 6.1 9.1
236 26.7 22.3 33.5





#79

Terphenyl-d14

Concen: 61.174 ng

RT: 19.95 min Scan# 2871

Delta R.T. -0.01 min

Lab File: BG045715.D

Acq: 11 Jun 2020 9:25

Instrument :

BNA_G

ClientSampleId :

MASON-BRICK-COMP-2

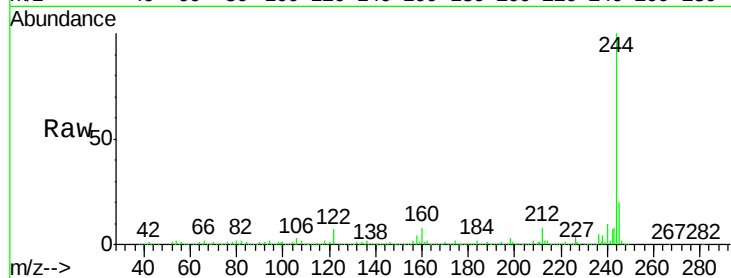
Tot Ion:244 Resp: 812185

Ion Ratio Lower Upper

244 100

212 7.9 7.4 11.0

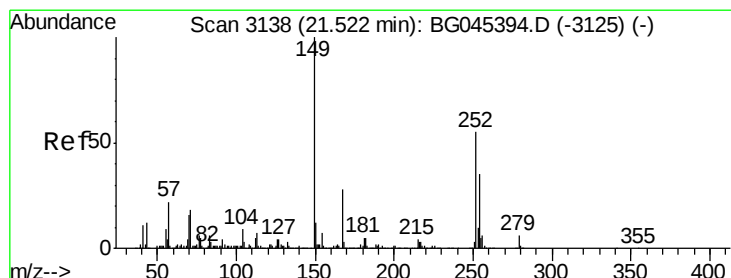
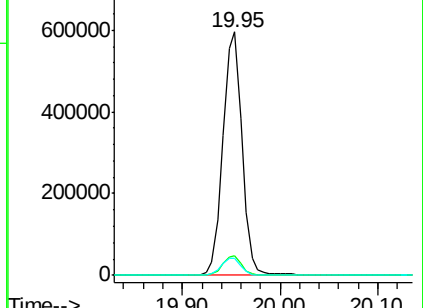
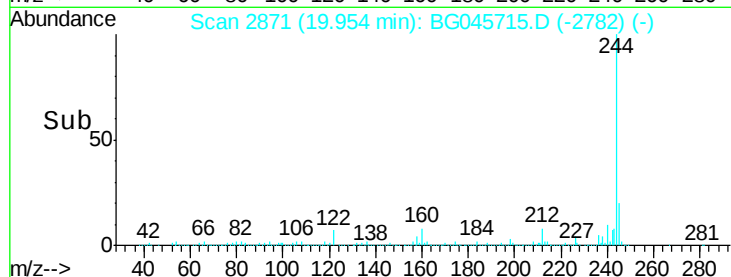
122 7.0 6.8 10.2



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.634 ng

RT: 21.49 min Scan# 3132

Delta R.T. -0.01 min

Lab File: BG045715.D

Acq: 11 Jun 2020 9:25

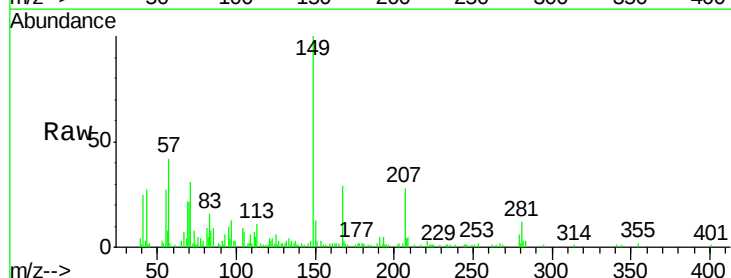
Tgt Ion:149 Resp: 27589

Ion Ratio Lower Upper

149 100

167 29.0 22.2 33.2

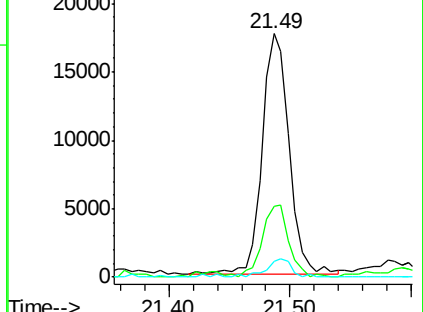
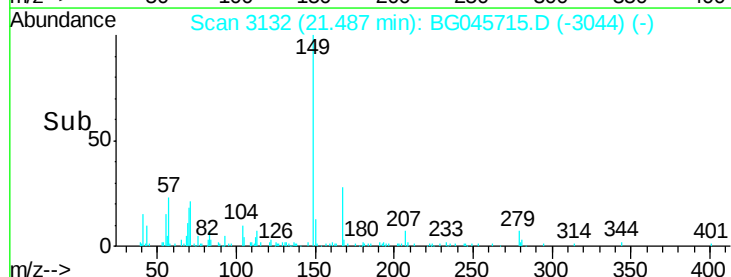
279 6.4 4.7 7.1

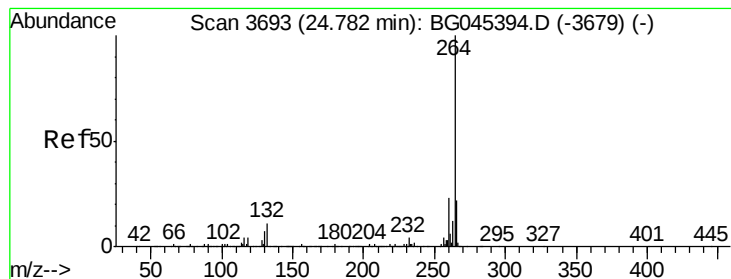


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.74 min Scan# 3685

Delta R.T. -0.02 min

Lab File: BG045715.D

Acq: 11 Jun 2020 9:25

Instrument :

BNA_G

ClientSampleId :

MASON-BRICK-COMP-2

Tot Ion:264 Resp: 350213

Ion Ratio Lower Upper

264 100

260 24.2 18.2 27.4

265 23.7 17.6 26.4

