

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061120\
 Data File : BG045734.D
 Acq On : 11 Jun 2020 23:40
 Operator : CG/JU
 Sample : L2965-11
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MASON-BRICK-COMP-1

Quant Time: Jun 12 03:46:27 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	7.94	152	57209	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	222875	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	144930	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	301422	20.00	ng	0.00
76) Chrysene-d12	21.59	240	295487	20.00	ng	0.00
87) Perylene-d12	24.74	264	335977	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.53	112	230134	78.62	ng	0.00
7) Phenol-d6	7.13	99	341186	81.89	ng	-0.01
23) Nitrobenzene-d5	9.11	82	234283	57.32	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	129205	69.71	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	489809	57.33	ng	0.00
79) Terphenyl-d14	19.95	244	766939	60.54	ng	0.00

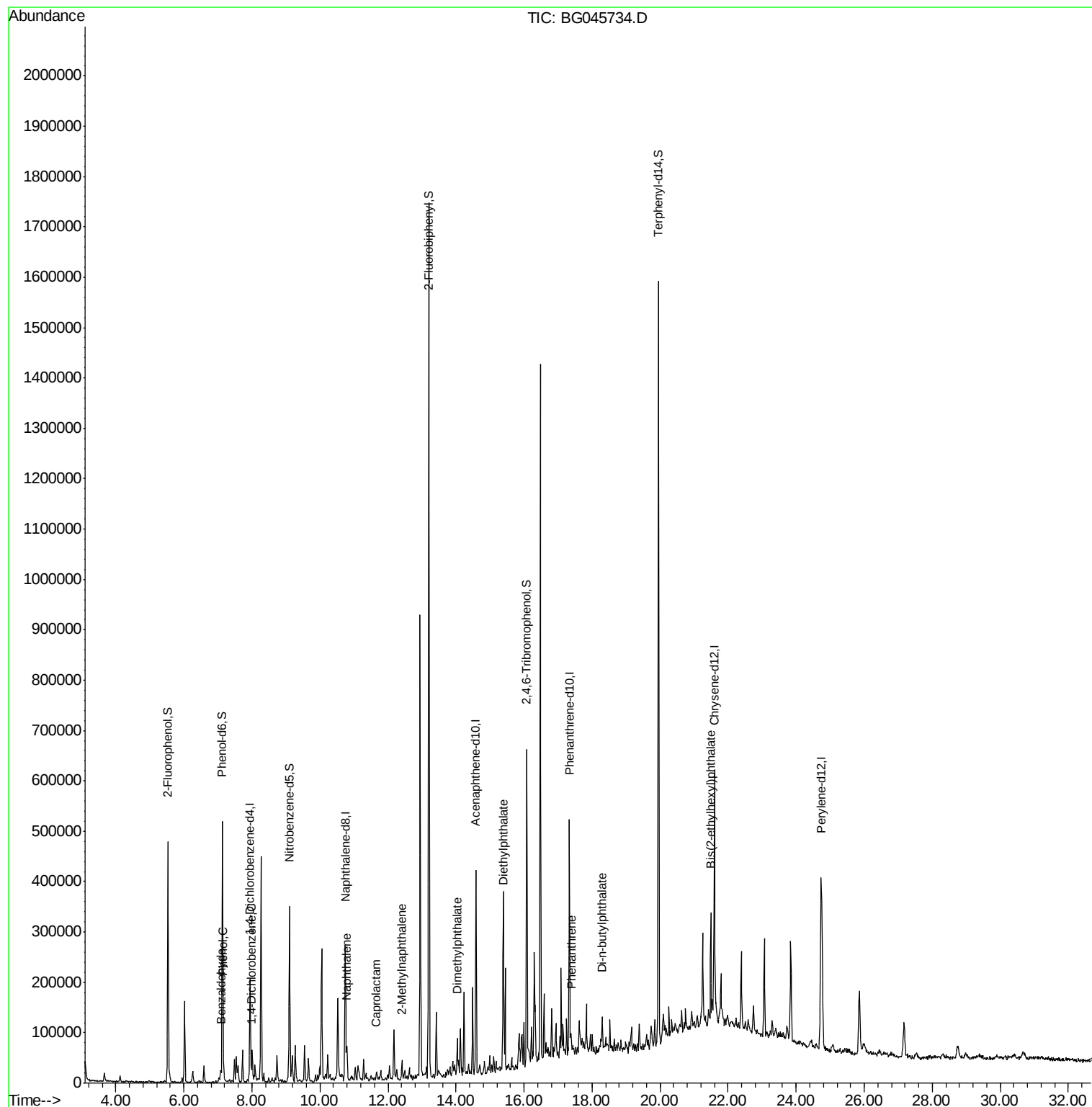
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	7.08	77	9598	3.536	ng	88
10) Phenol	7.16	94	10161	2.366	ng	91
13) 1,4-Dichlorobenzene	7.98	146	8876	2.331	ng	90
31) Naphthalene	10.80	128	32110	3.092	ng	98
35) Caprolactam	11.66	113	3216	2.671	ng	93
37) 2-Methylnaphthalene	12.41	142	19512	2.521	ng	93
50) Dimethylphthalate	14.04	163	45156	4.542	ng	98
60) Diethylphthalate	15.40	149	48967	4.732	ng	99
71) Phenanthrene	17.38	178	27505	2.090	ng	99
74) Di-n-butylphthalate	18.30	149	50754	3.283	ng	96
84) Bis(2-ethylhexyl)phthalate	21.49	149	101050	10.111	ng	97

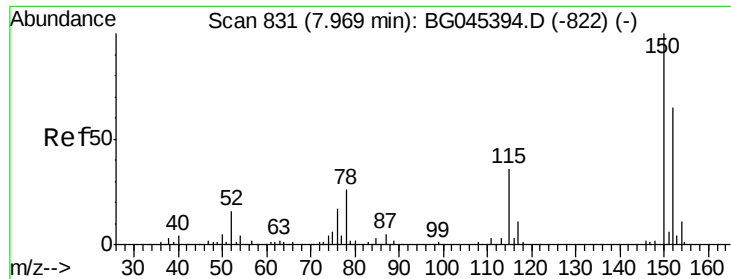
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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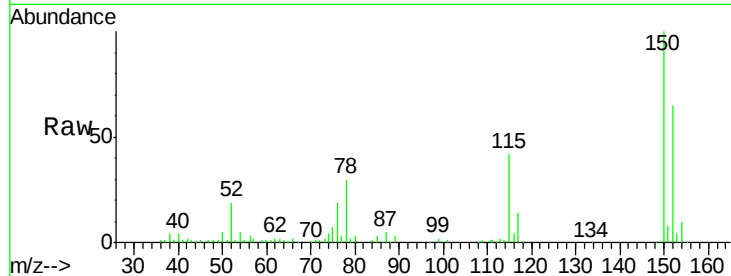


#1

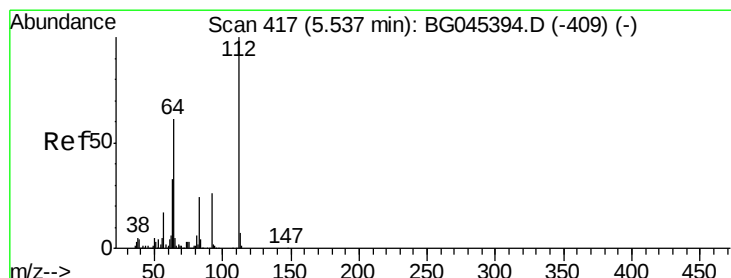
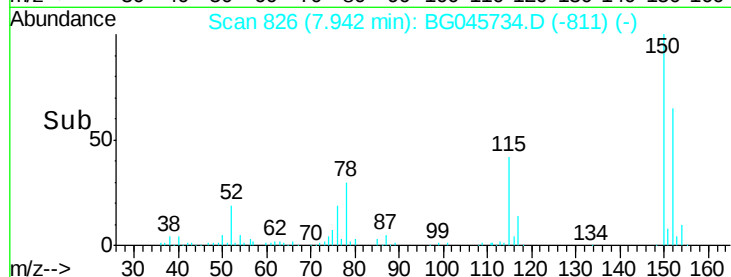
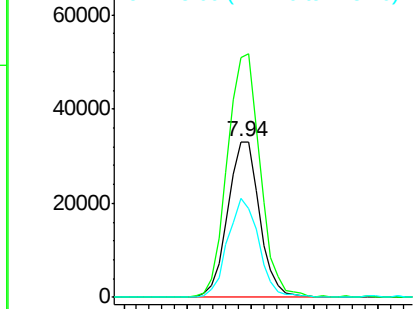
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.94 min Scan# 826
Delta R.T. -0.01 min
Lab File: BG045734.D
Acq: 11 Jun 2020 23:40

Instrument :
BNA_G
ClientSampleId :
MASON-BRICK-COMP-1

Tot Ion:152 Resp: 57209
Ion Ratio Lower Upper
152 100
150 154.0 122.4 183.6
115 63.9 44.2 66.4



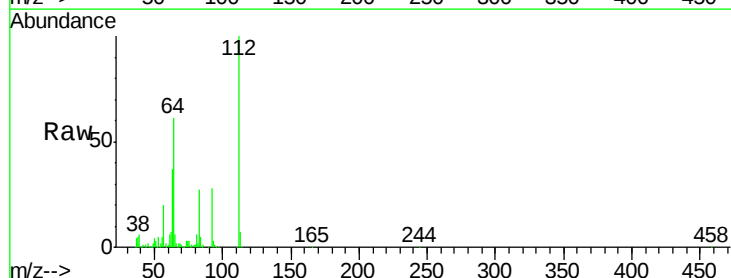
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



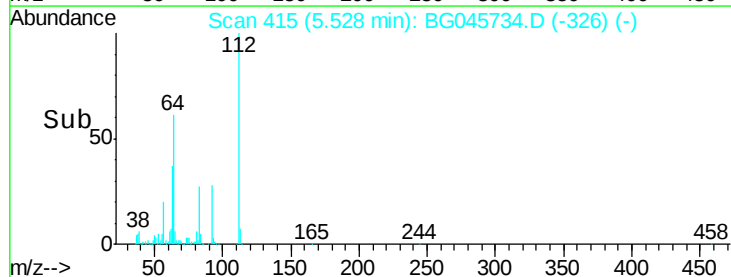
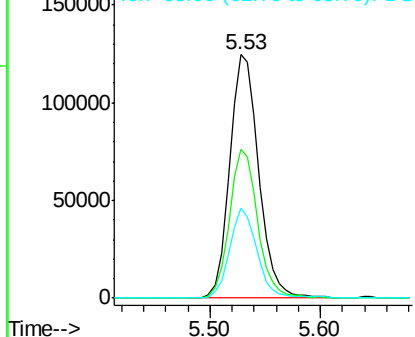
#5

2-Fluorophenol
Concen: 78.615 ng
RT: 5.53 min Scan# 415
Delta R.T. -0.01 min
Lab File: BG045734.D
Acq: 11 Jun 2020 23:40

Tgt Ion:112 Resp: 230134
Ion Ratio Lower Upper
112 100
64 61.4 48.6 72.8
63 37.2 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: 81.888 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.01 min

Lab File: BG045734.D

Acq: 11 Jun 2020 23:40

Instrument :

BNA_G

ClientSampleId :

MASON-BRICK-COMP-1

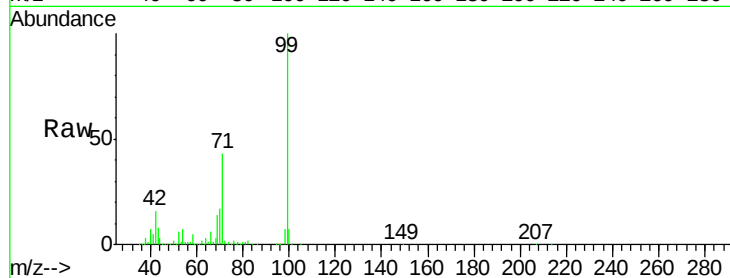
Tot Ion: 99 Resp: 341186

Ion Ratio Lower Upper

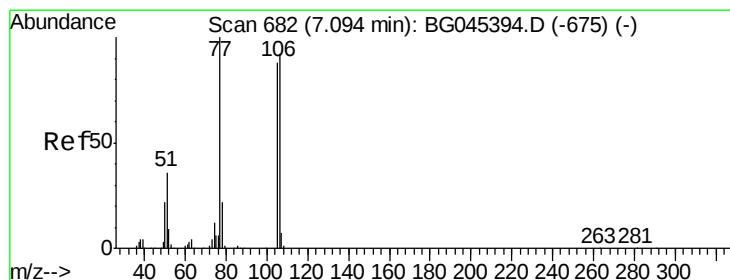
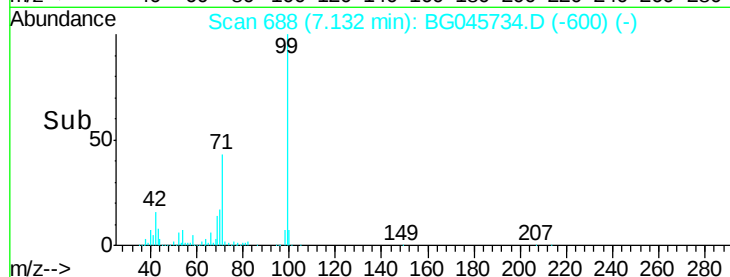
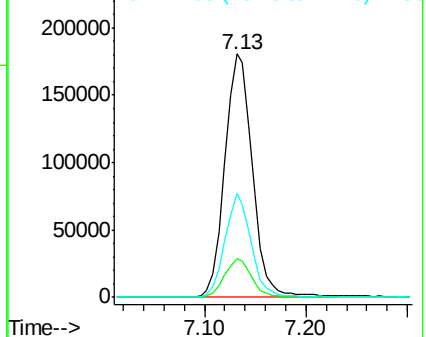
99 100

42 15.8 11.3 16.9

71 42.9 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



#9

Benzaldehyde

Concen: 3.536 ng

RT: 7.08 min Scan# 680

Delta R.T. 0.00 min

Lab File: BG045734.D

Acq: 11 Jun 2020 23:40

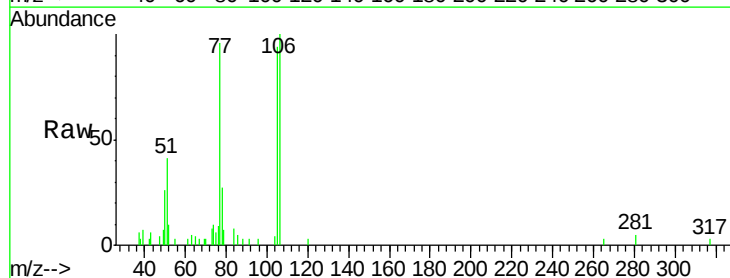
Tgt Ion: 77 Resp: 9598

Ion Ratio Lower Upper

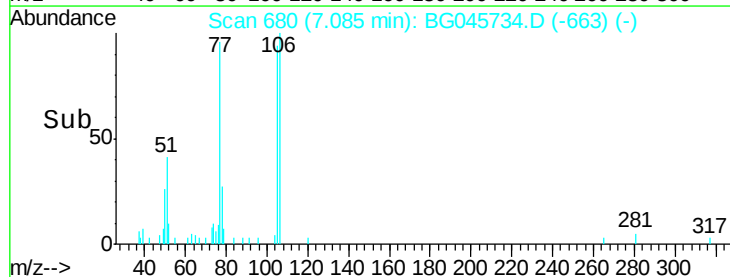
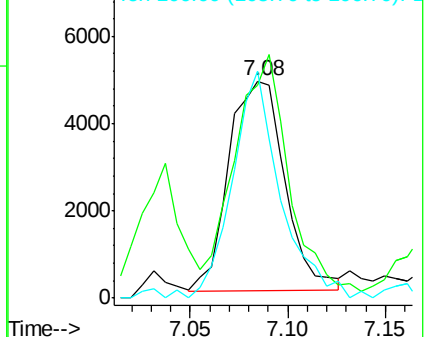
77 100

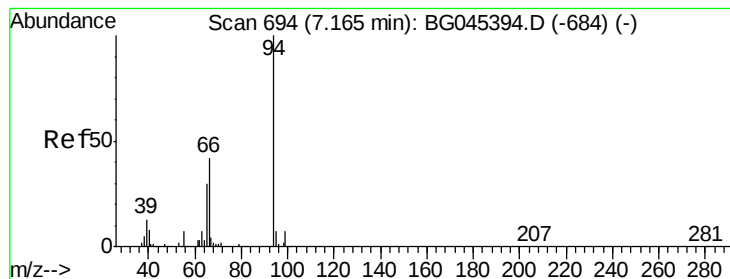
105 98.1 68.5 108.5

106 104.6 71.6 111.6



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC





#10

Phenol

Concen: 2.366 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG045734.D

Acq: 11 Jun 2020 23:40

Instrument :

BNA_G

ClientSampleId :

MASON-BRICK-COMP-1

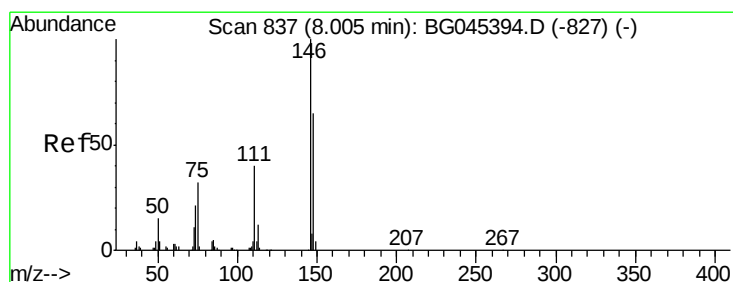
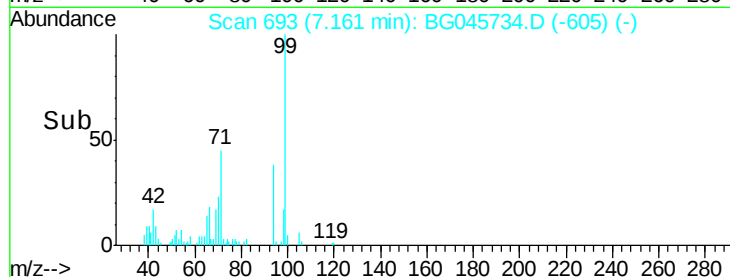
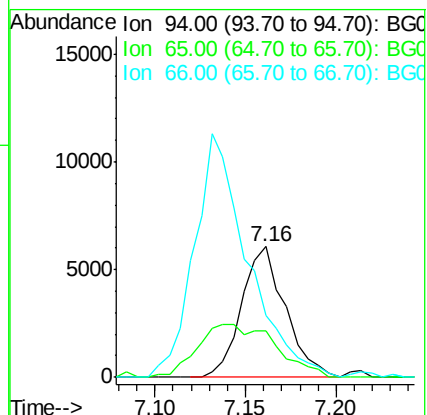
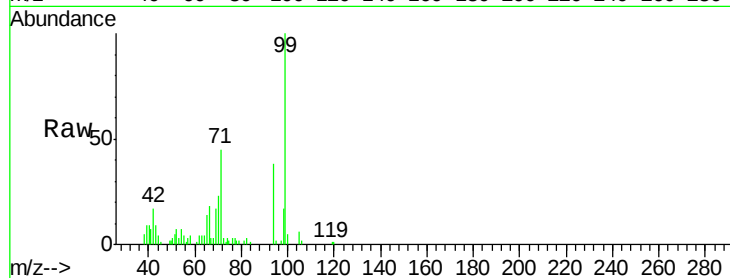
Tot Ion: 94 Resp: 10161

Ion Ratio Lower Upper

94 100

65 35.3 9.8 49.8

66 47.4 22.0 62.0



#13

1,4-Dichlorobenzene

Concen: 2.331 ng

RT: 7.98 min Scan# 833

Delta R.T. -0.00 min

Lab File: BG045734.D

Acq: 11 Jun 2020 23:40

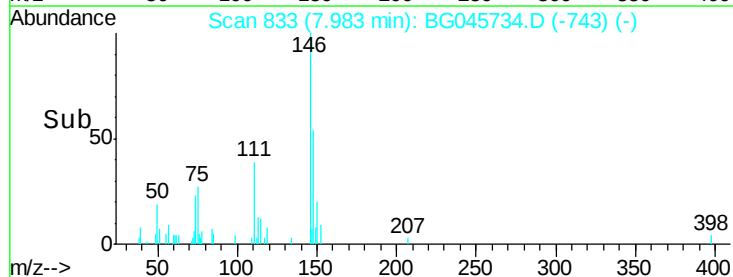
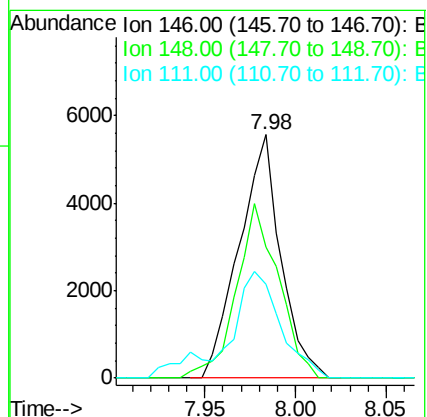
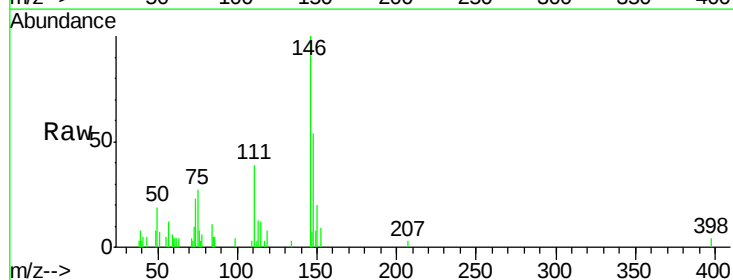
Tgt Ion: 146 Resp: 8876

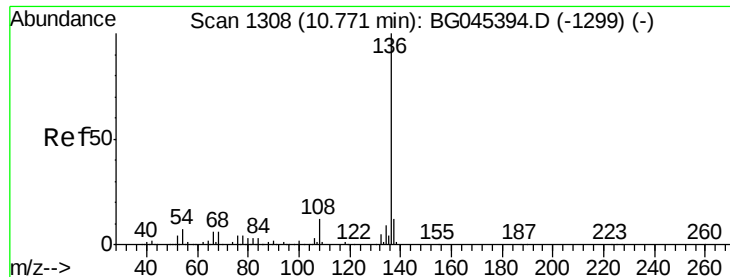
Ion Ratio Lower Upper

146 100

148 53.8 51.8 77.8

111 38.5 32.1 48.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.75 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BG045734.D

Acq: 11 Jun 2020 23:40

Instrument :

BNA_G

ClientSampleId :

MASON-BRICK-COMP-1

Tot Ion:136 Resp: 222875

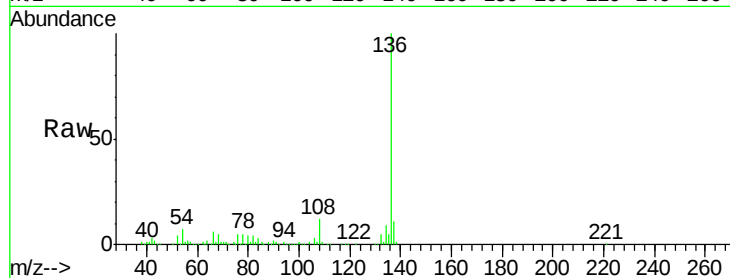
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.4	14.2
54	6.6	5.8	8.6
68	5.3	4.5	6.7

136 100

137 11.1 9.4 14.2

54 6.6 5.8 8.6

68 5.3 4.5 6.7

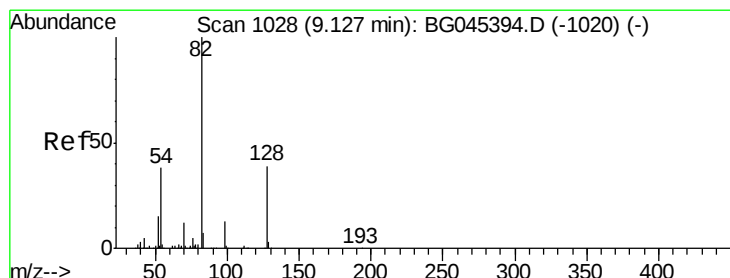
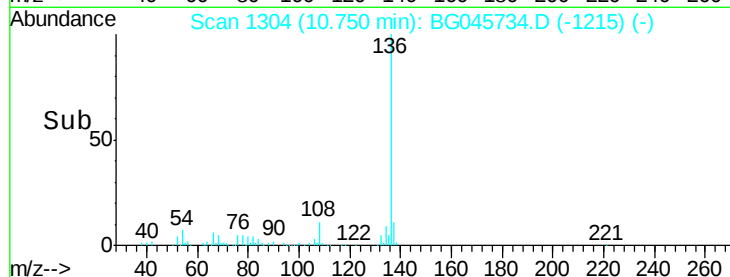
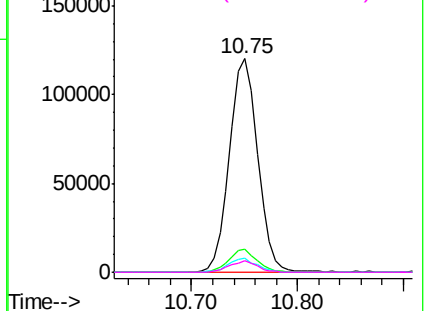


Abundance Ion 136.00 (135.70 to 136.70): E

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: 57.323 ng

RT: 9.11 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BG045734.D

Acq: 11 Jun 2020 23:40

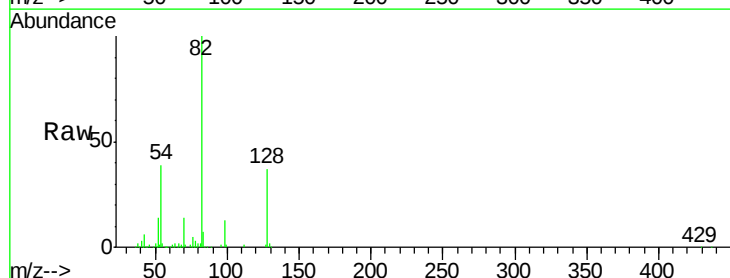
Tgt Ion: 82 Resp: 234283

Ion	Ratio	Lower	Upper
82	100		
128	37.2	30.9	46.3
54	38.7	30.3	45.5

82 100

128 37.2 30.9 46.3

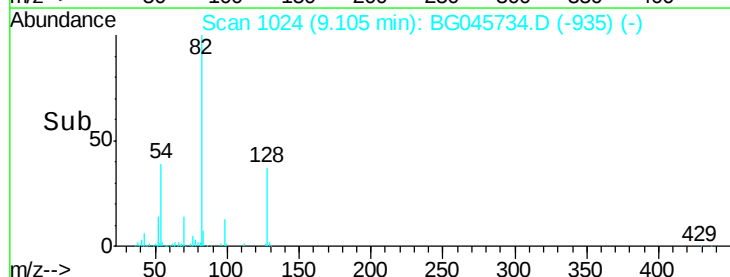
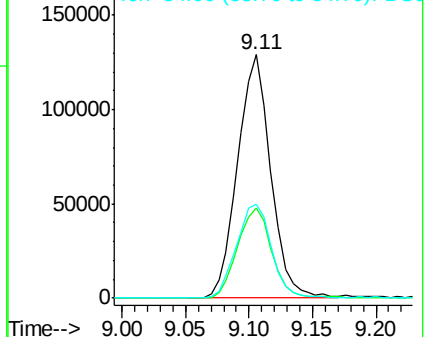
54 38.7 30.3 45.5

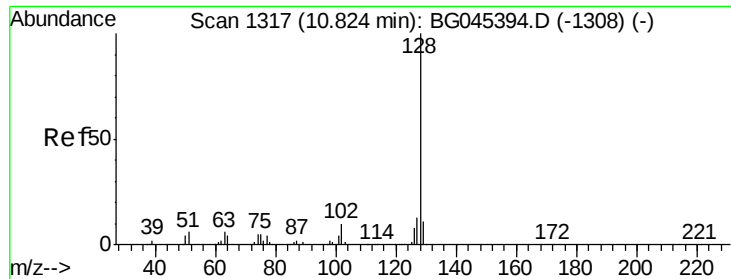


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

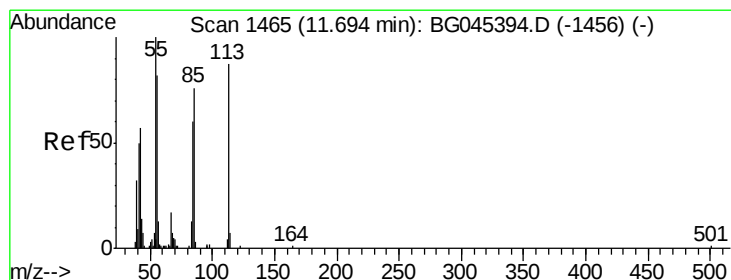
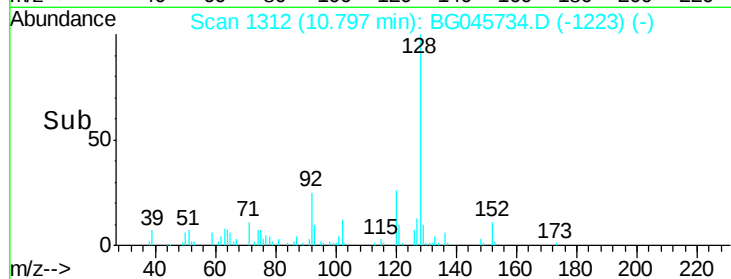
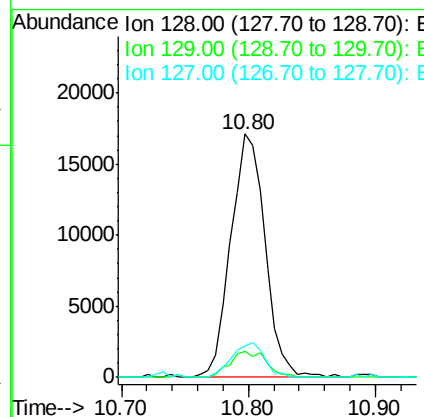
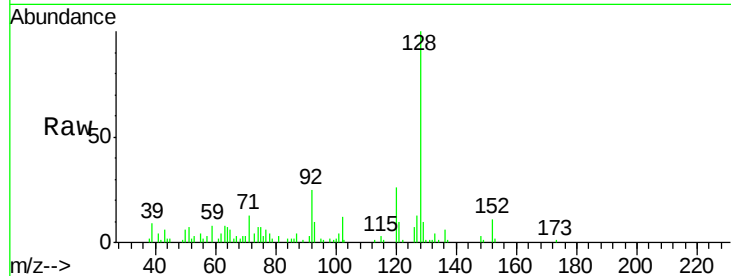




#31
Naphthalene
Concen: 3.092 ng
RT: 10.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BG045734.D
Acq: 11 Jun 2020 23:40

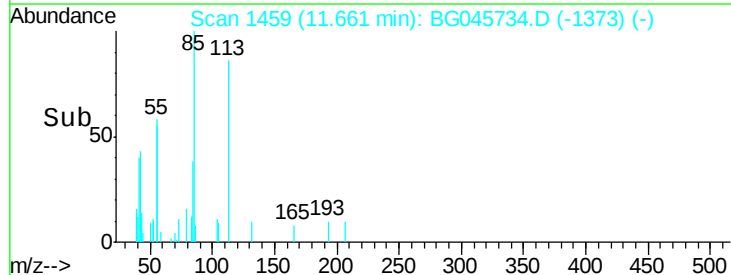
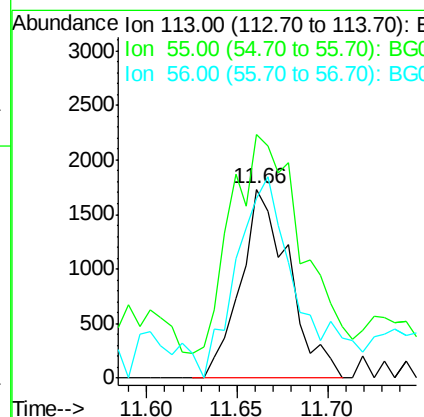
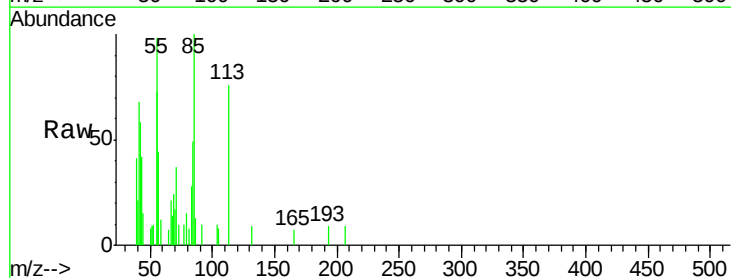
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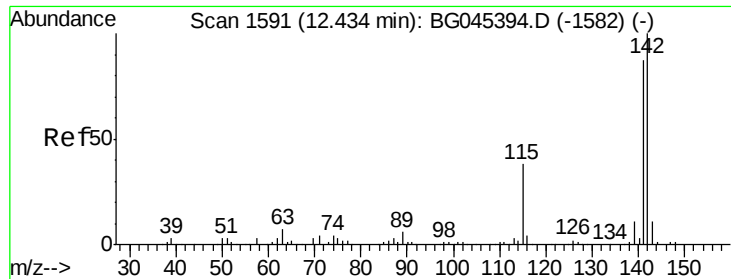
Tot Ion:128 Resp: 32110
Ion Ratio Lower Upper
128 100
129 10.5 9.0 13.6
127 12.9 10.7 16.1



#35
Caprolactam
Concen: 2.671 ng
RT: 11.66 min Scan# 1459
Delta R.T. -0.03 min
Lab File: BG045734.D
Acq: 11 Jun 2020 23:40

Tgt Ion:113 Resp: 3216
Ion Ratio Lower Upper
113 100
55 128.8 96.0 136.0
56 95.3 75.1 115.1

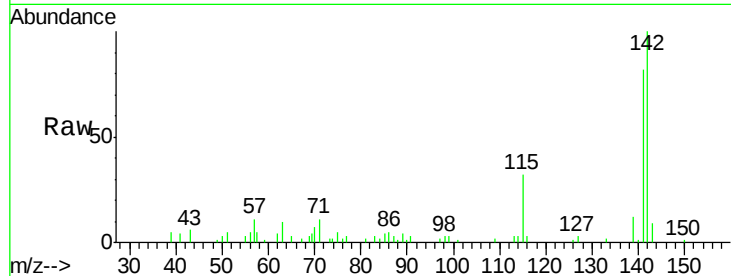




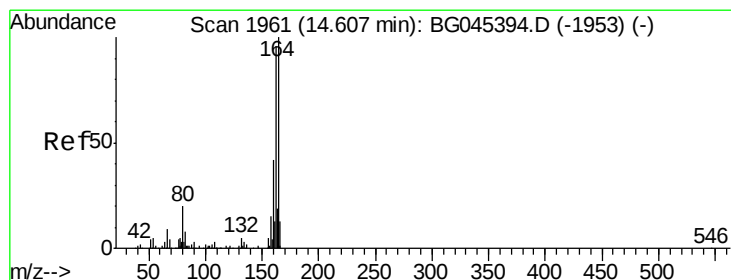
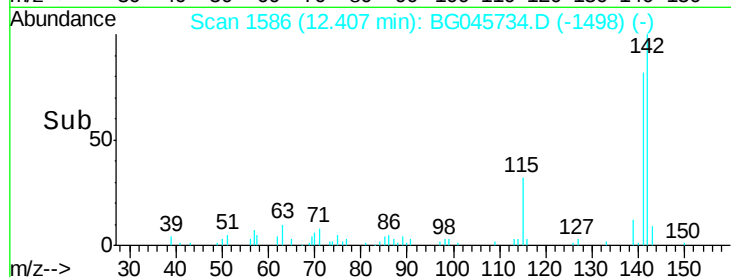
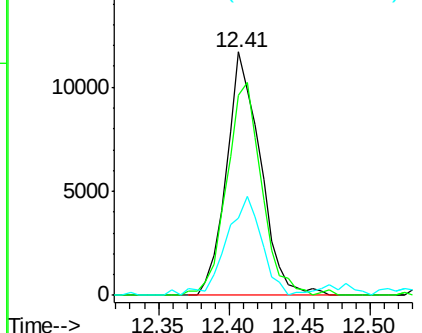
#37
2-Methylnaphthalene
Concen: 2.521 ng
RT: 12.41 min Scan# 1586
Delta R.T. -0.01 min
Lab File: BG045734.D
Acq: 11 Jun 2020 23:40

Instrument :
BNA_G
ClientSampleId :
MASON-BRICK-COMP-1

Tot Ion:142 Resp: 19512
Ion Ratio Lower Upper
142 100
141 82.1 70.0 105.0
115 31.7 30.8 46.2

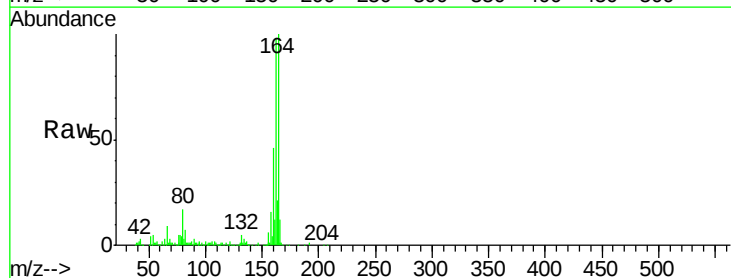


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

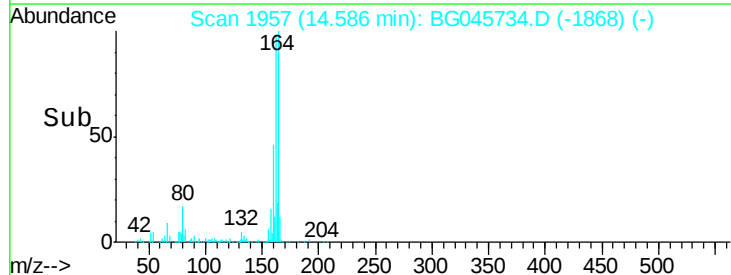
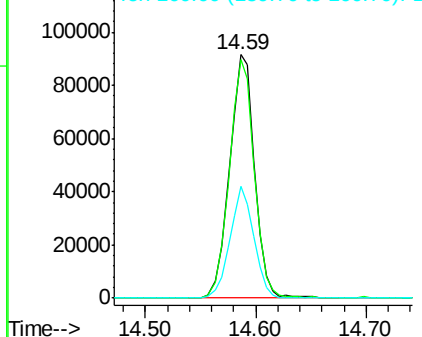


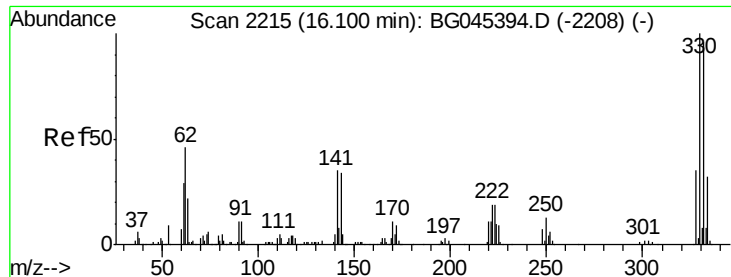
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.59 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BG045734.D
Acq: 11 Jun 2020 23:40

Tgt Ion:164 Resp: 144930
Ion Ratio Lower Upper
164 100
162 98.1 76.9 115.3
160 45.7 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: 69.709 ng

RT: 16.08 min Scan# 2212

Delta R.T. -0.01 min

Lab File: BG045734.D

Acq: 11 Jun 2020 23:40

Instrument :

BNA_G

ClientSampleId :

MASON-BRICK-COMP-1

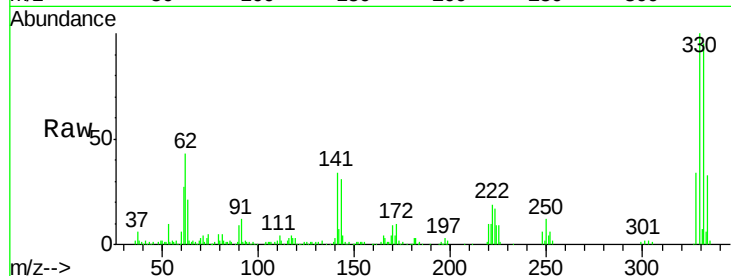
Tot Ion:330 Resp: 129205

Ion Ratio Lower Upper

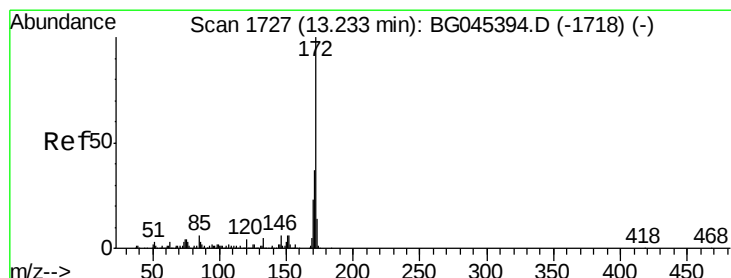
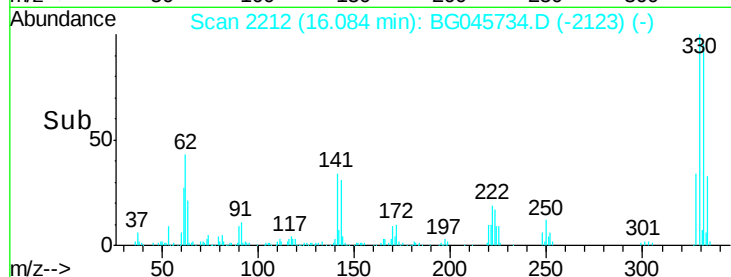
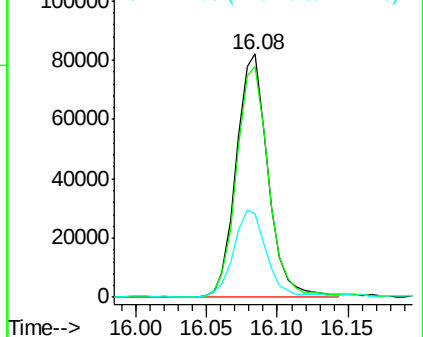
330 100

332 97.6 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: 57.325 ng

RT: 13.21 min Scan# 1722

Delta R.T. -0.01 min

Lab File: BG045734.D

Acq: 11 Jun 2020 23:40

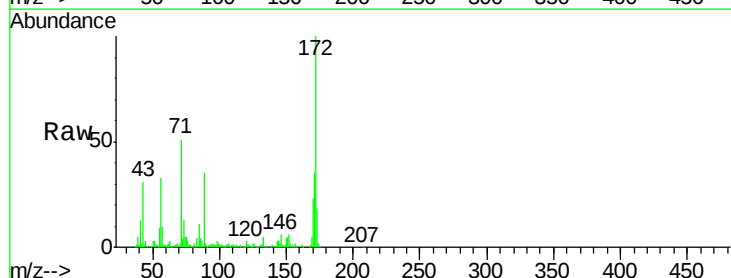
Tgt Ion:172 Resp: 489809

Ion Ratio Lower Upper

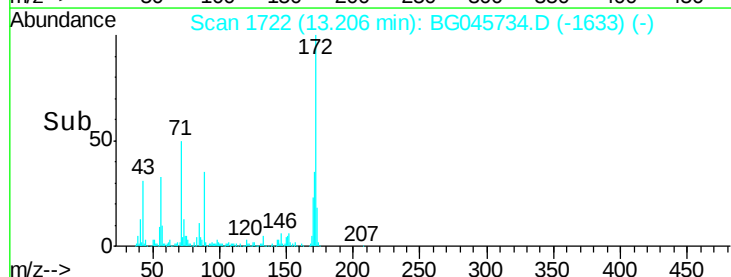
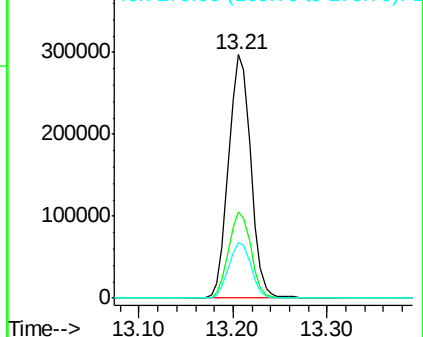
172 100

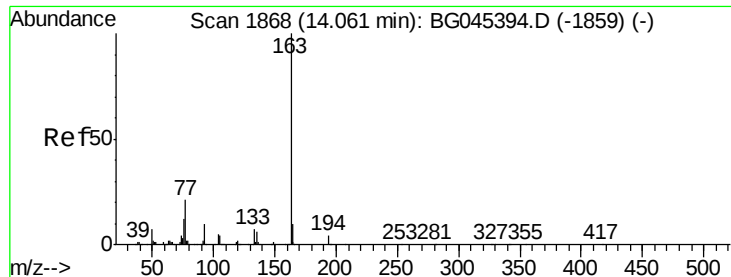
171 35.2 29.5 44.3

170 22.6 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: 4.542 ng

RT: 14.04 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BG045734.D

Acq: 11 Jun 2020 23:40

Instrument :

BNA_G

ClientSampleId :

MASON-BRICK-COMP-1

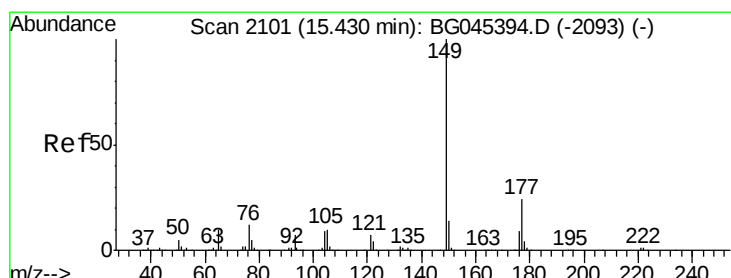
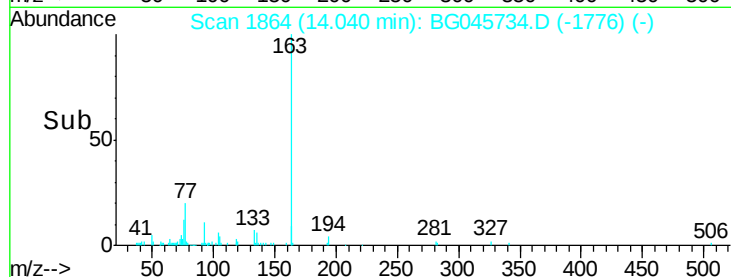
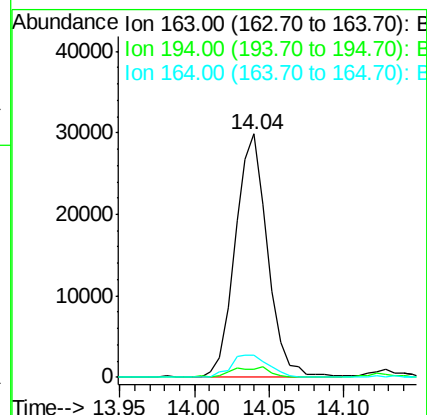
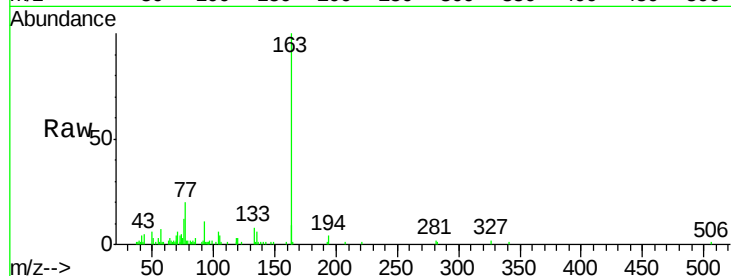
Tot Ion:163 Resp: 45156

Ion Ratio Lower Upper

163 100

194 3.5 3.2 4.8

164 9.3 8.3 12.5



#60

Diethylphthalate

Concen: 4.732 ng

RT: 15.40 min Scan# 2096

Delta R.T. -0.02 min

Lab File: BG045734.D

Acq: 11 Jun 2020 23:40

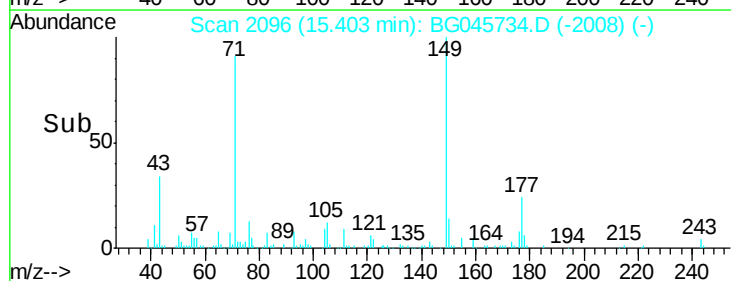
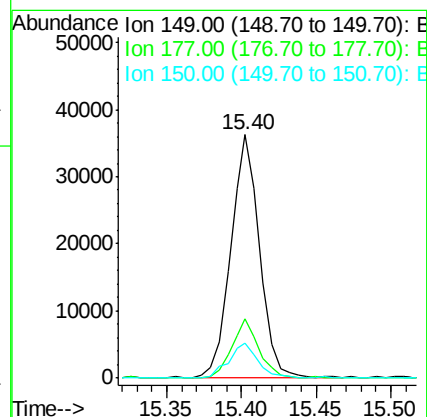
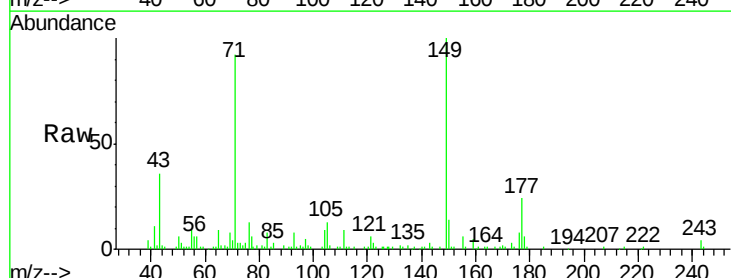
Tgt Ion:149 Resp: 48967

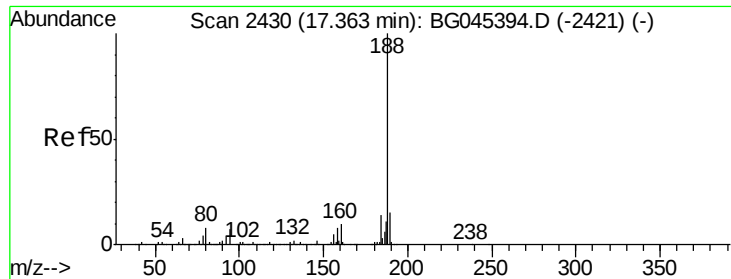
Ion Ratio Lower Upper

149 100

177 24.2 19.0 28.4

150 14.2 11.4 17.0

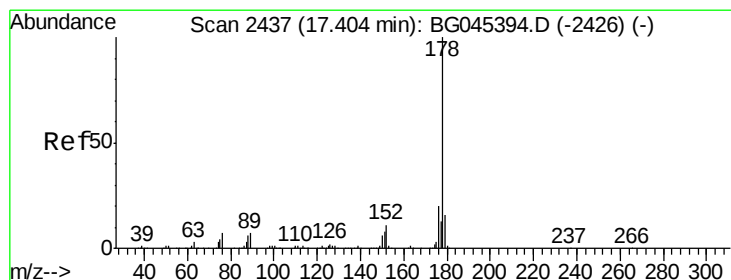
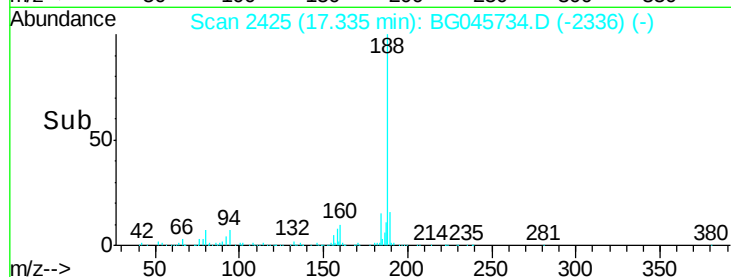
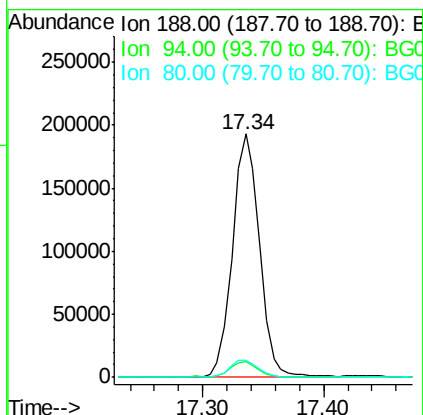
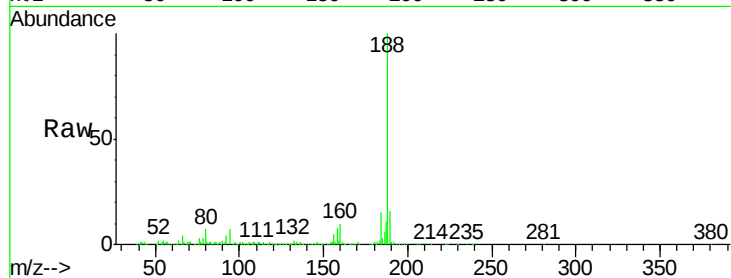




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.34 min Scan# 2425
Delta R.T. -0.01 min
Lab File: BG045734.D
Acq: 11 Jun 2020 23:40

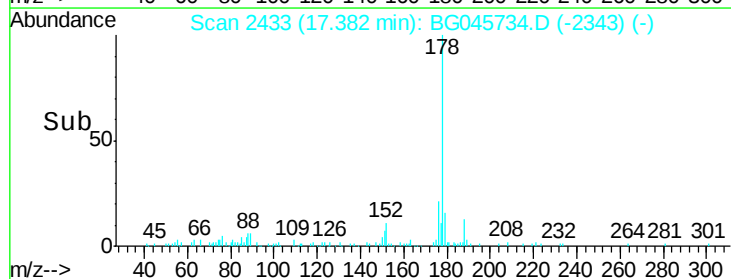
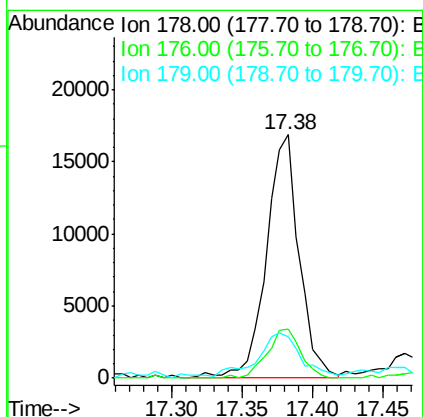
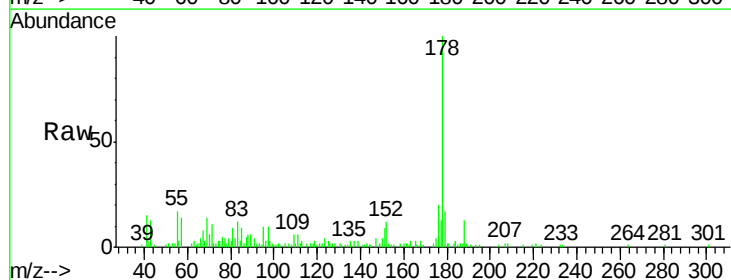
Instrument :
BNA_G
ClientSampleId :
MASON-BRICK-COMP-1

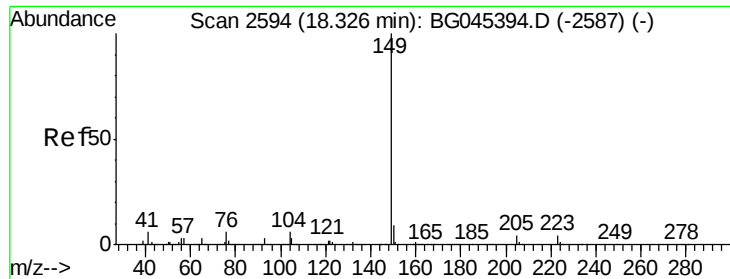
Tot Ion:188 Resp: 301422
Ion Ratio Lower Upper
188 100
94 6.7 5.5 8.3
80 7.0 6.6 10.0



#71
Phenanthrene
Concen: 2.090 ng
RT: 17.38 min Scan# 2433
Delta R.T. -0.00 min
Lab File: BG045734.D
Acq: 11 Jun 2020 23:40

Tgt Ion:178 Resp: 27505
Ion Ratio Lower Upper
178 100
176 20.4 16.2 24.4
179 17.2 13.1 19.7





#74

Di-n-butylphthalate

Concen: 3.283 ng

RT: 18.30 min Scan# 2589

Delta R.T. -0.01 min

Lab File: BG045734.D

Acq: 11 Jun 2020 23:40

Instrument :

BNA_G

ClientSampleId :

MASON-BRICK-COMP-1

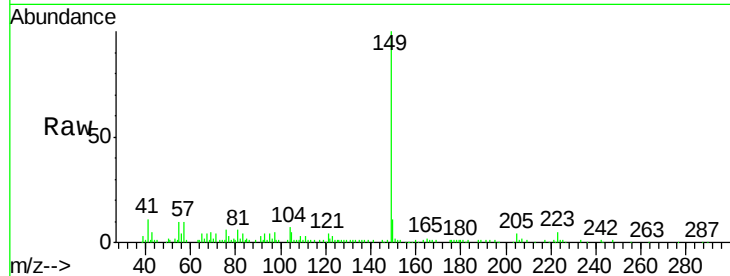
Tot Ion:149 Resp: 50754

Ion Ratio Lower Upper

149 100

150 11.4 7.6 11.4

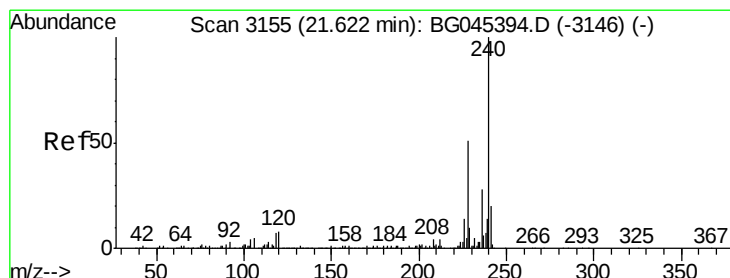
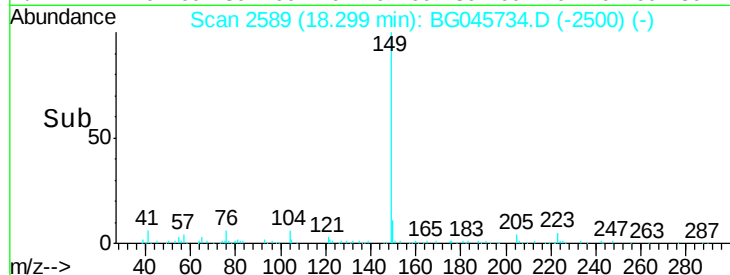
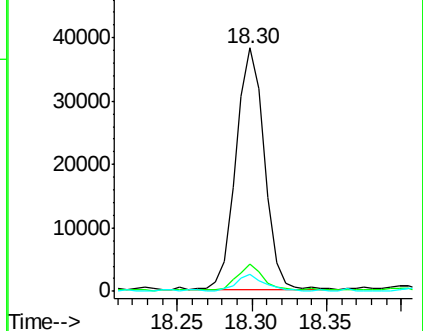
104 7.0 5.0 7.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.59 min Scan# 3150

Delta R.T. -0.01 min

Lab File: BG045734.D

Acq: 11 Jun 2020 23:40

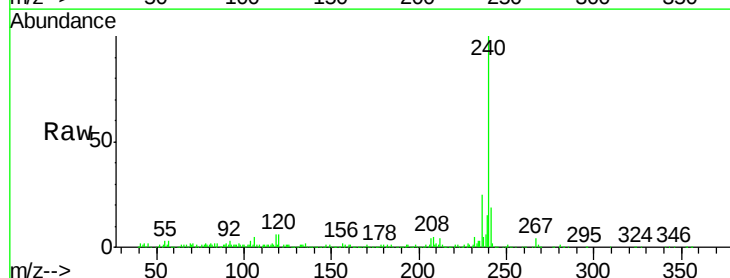
Tgt Ion:240 Resp: 295487

Ion Ratio Lower Upper

240 100

120 6.1 6.1 9.1#

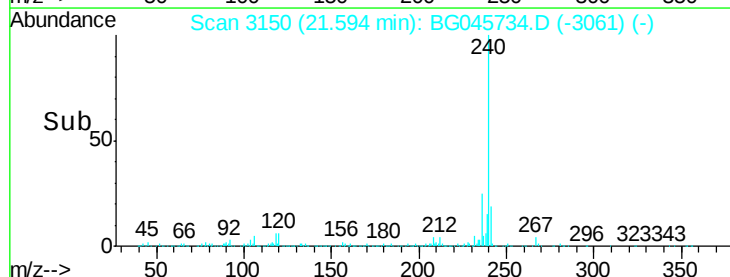
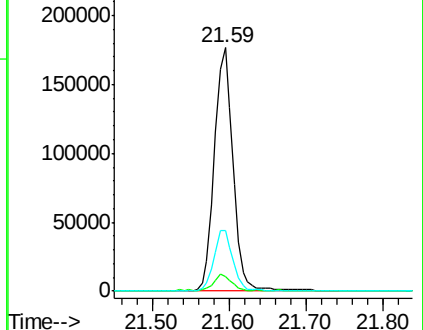
236 25.0 22.3 33.5

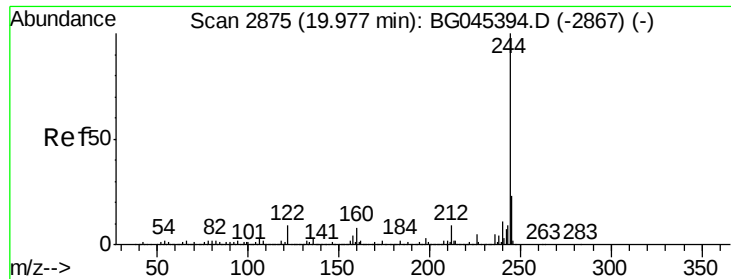


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 60.535 ng

RT: 19.95 min Scan# 2870

Delta R.T. -0.01 min

Lab File: BG045734.D

Acq: 11 Jun 2020 23:40

Instrument :

BNA_G

ClientSampleId :

MASON-BRICK-COMP-1

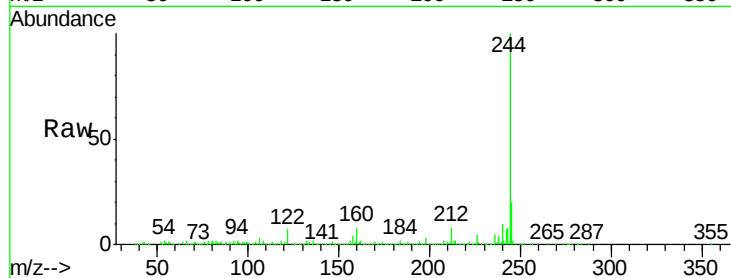
Tot Ion:244 Resp: 766939

Ion Ratio Lower Upper

244 100

212 8.3 7.4 11.0

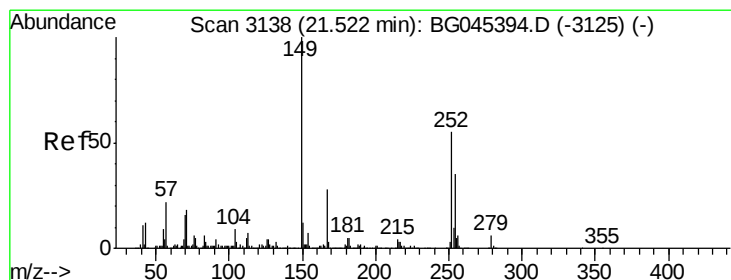
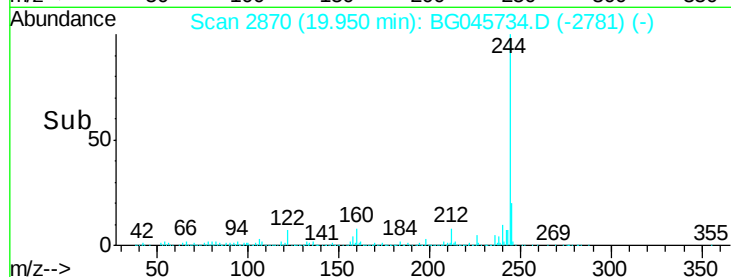
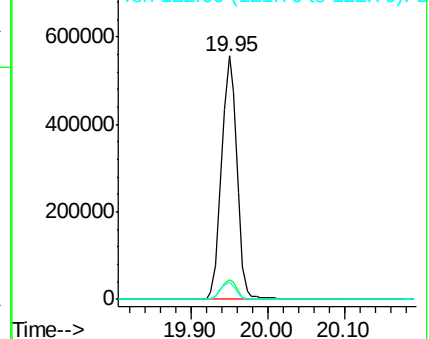
122 7.2 6.8 10.2



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: 10.111 ng

RT: 21.49 min Scan# 3132

Delta R.T. -0.01 min

Lab File: BG045734.D

Acq: 11 Jun 2020 23:40

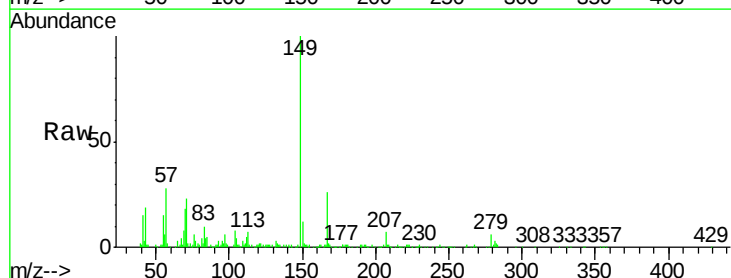
Tgt Ion:149 Resp: 101050

Ion Ratio Lower Upper

149 100

167 26.1 22.2 33.2

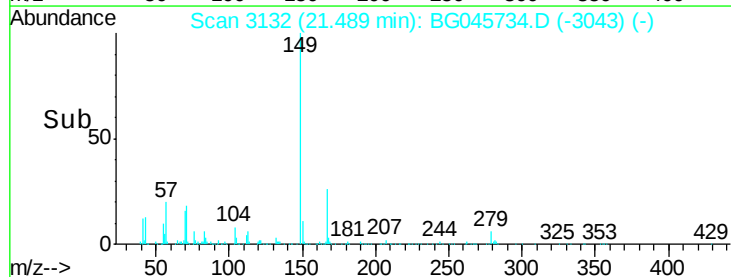
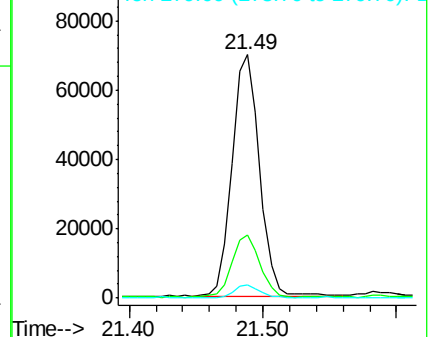
279 5.7 4.7 7.1

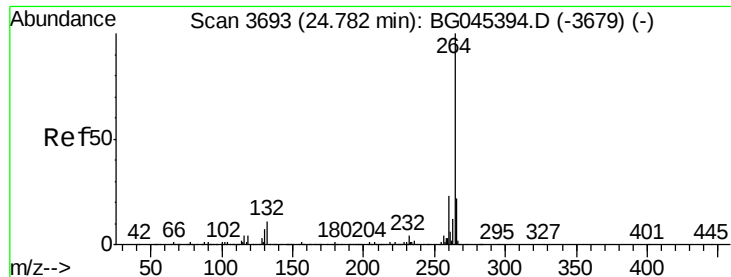


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

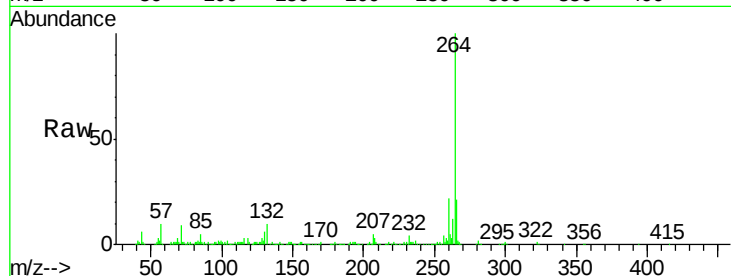




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.74 min Scan# 3685
 Delta R.T. -0.02 min
 Lab File: BG045734.D
 Acq: 11 Jun 2020 23:40

Instrument :
 BNA_G
 ClientSampleId :
 MASON-BRICK-COMP-1

Tot Ion:	264	Resp:	335977
Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.2	27.4
265	21.1	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

