

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051520\
 Data File : BG045408.D
 Acq On : 15 May 2020 22:36
 Operator : CG/JU
 Sample : L2663-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 1366

Quant Time: May 16 07:23:01 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 15 15:45:48 2020
 Response via : Initial Calibration

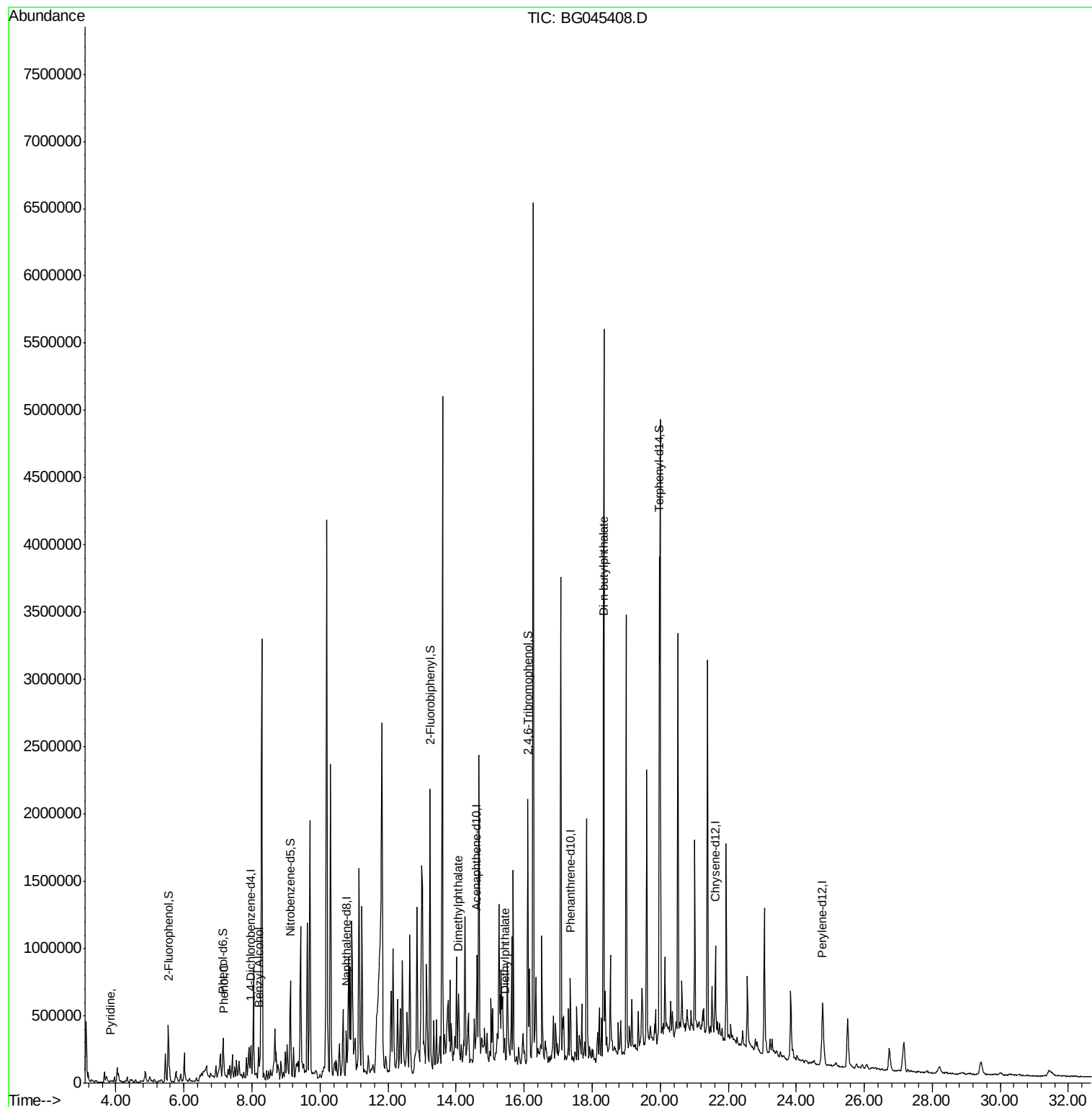
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	66148	20.00	ng	0.00
21) Naphthalene-d8	10.78	136	268466	20.00	ng	0.00
39) Acenaphthene-d10	14.61	164	185740	20.00	ng	0.00
64) Phenanthrene-d10	17.36	188	405729	20.00	ng	0.00
76) Chrysene-d12	21.62	240	390098	20.00	ng	0.00
87) Perylene-d12	24.78	264	423318	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	226073	66.79	ng	0.00
7) Phenol-d6	7.15	99	198972	41.30	ng	0.01
23) Nitrobenzene-d5	9.13	82	472212	95.92	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	348999	146.92	ng	0.01
45) 2-Fluorobiphenyl	13.23	172	1068343	97.56	ng	0.00
79) Terphenyl-d14	19.98	244	1602064	95.78	ng	0.00
Target Compounds						
3) Pyridine	3.83	79	14167	3.031	ng	Qvalue # 89
10) Phenol	7.18	94	28676	5.776	ng	92
15) Benzyl Alcohol	8.21	79	21702	5.453	ng	86
50) Dimethylphthalate	14.06	163	138245	10.850	ng	# 98
60) Diethylphthalate	15.43	149	45126	3.403	ng	98
74) Di-n-butylphthalate	18.33	149	187858	9.027	ng	99

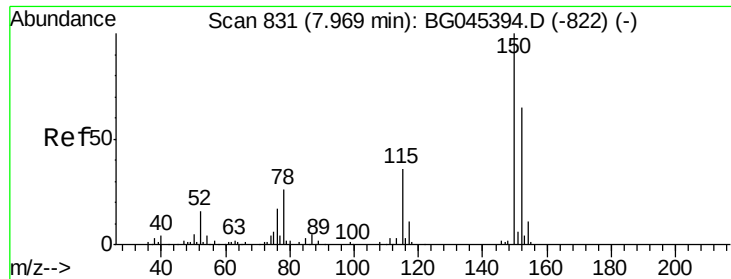
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051520\
Data File : BG045408.D
Acq On : 15 May 2020 22:36
Operator : CG/JU
Sample : L2663-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
1366

Quant Time: May 16 07:23:01 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 15 15:45:48 2020
Response via : Initial Calibration



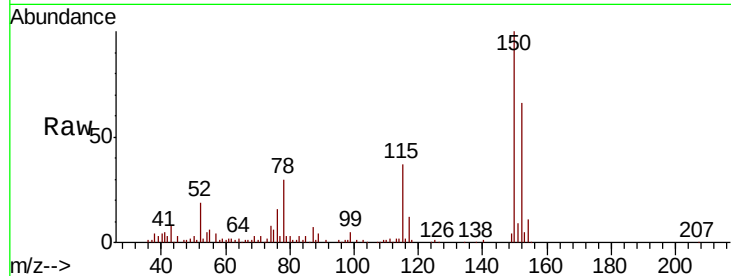


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.97 min Scan# 831
Delta R.T. 0.00 min
Lab File: BG045408.D
Acq: 15 May 2020 22:36

Instrument :
BNA_G
ClientSampled :
1366

Tot Ion	152	Resp	66148
Ion	Ratio	Lower	Upper
152	100		
150	152.4	122.4	183.6
115	56.8	44.2	66.4

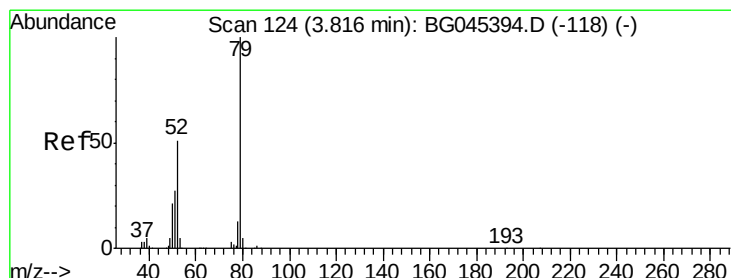
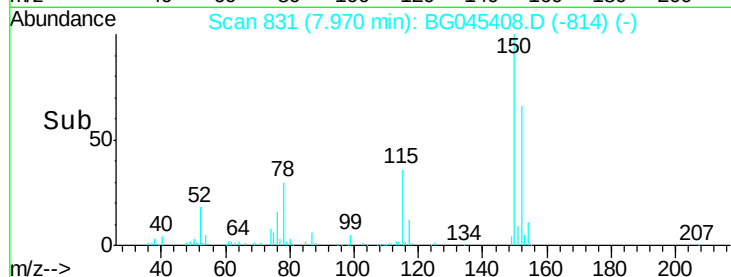
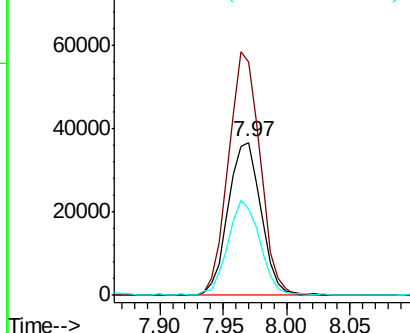


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

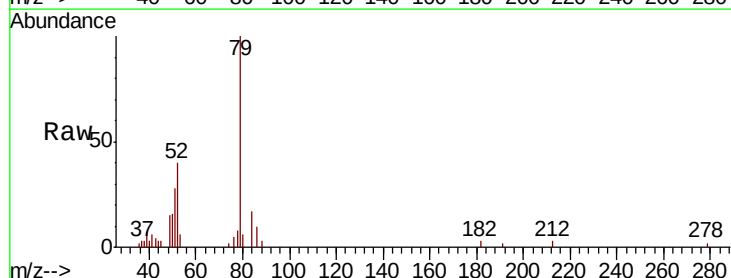
Ion 115.00 (114.70 to 115.70): E



#3

Pyridine
Concen: 3.031 ng
RT: 3.83 min Scan# 126
Delta R.T. 0.01 min
Lab File: BG045408.D
Acq: 15 May 2020 22:36

Tgt Ion	79	Resp	14167
Ion	Ratio	Lower	Upper
79	100		
52	39.8	40.8	61.2#
51	27.6	21.9	32.9

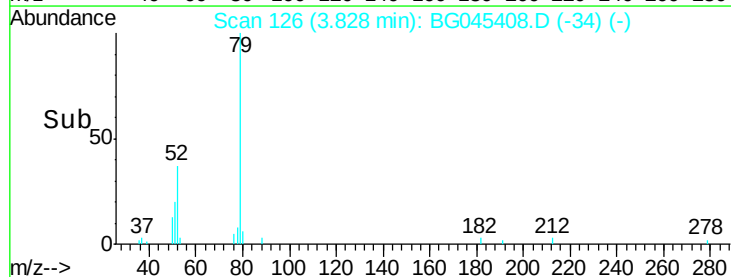
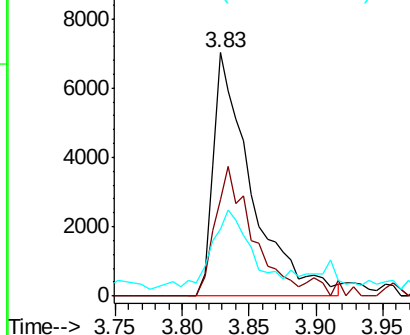


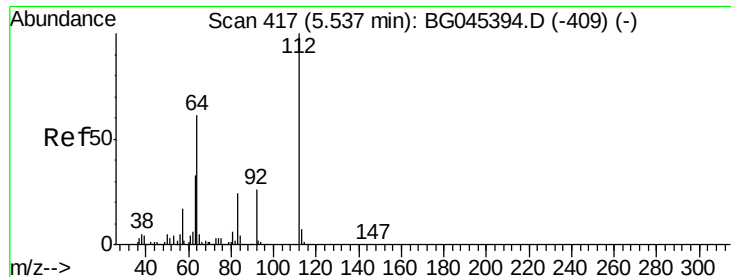
Abundance

Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC





#5

2-Fluorophenol

Concen: 66.792 ng

RT: 5.54 min Scan# 418

Delta R.T. 0.01 min

Lab File: BG045408.D

Acq: 15 May 2020 22:36

Instrument :

BNA_G

ClientSampleId :

1366

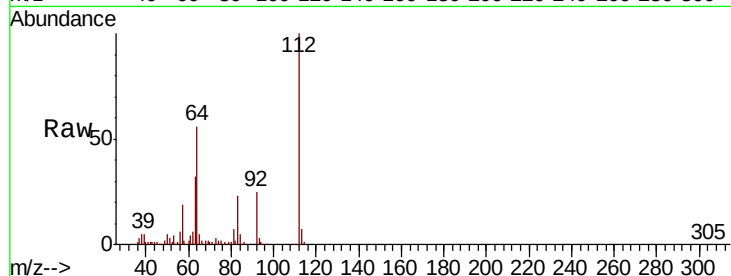
Tot Ion:112 Resp: 226073

Ion Ratio Lower Upper

112 100

64 55.9 48.6 72.8

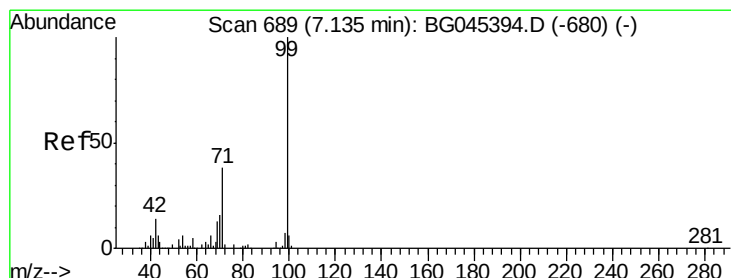
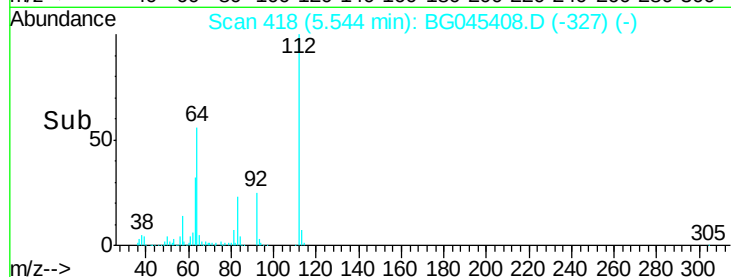
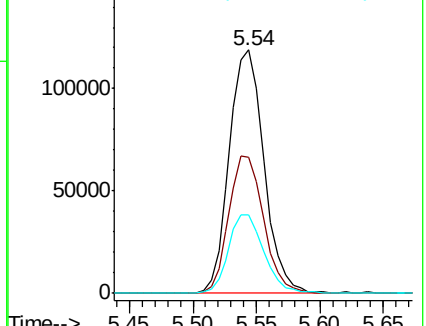
63 32.4 26.5 39.7



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#7

Phenol-d6

Concen: 41.302 ng

RT: 7.15 min Scan# 691

Delta R.T. 0.01 min

Lab File: BG045408.D

Acq: 15 May 2020 22:36

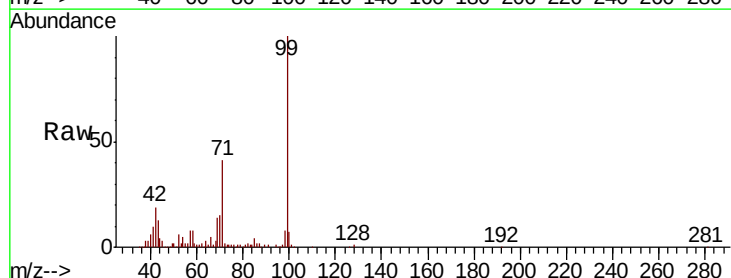
Tgt Ion: 99 Resp: 198972

Ion Ratio Lower Upper

99 100

42 18.9 11.3 16.9#

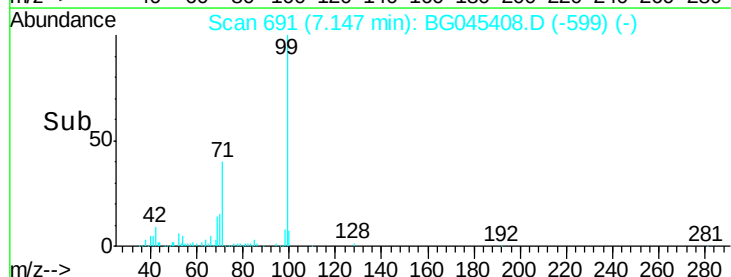
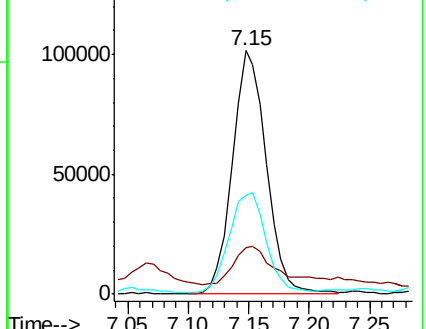
71 40.9 30.8 46.2

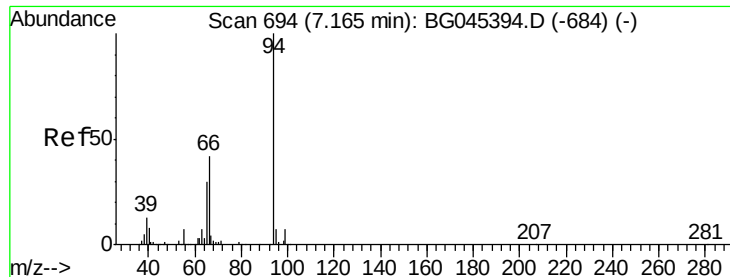


Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC

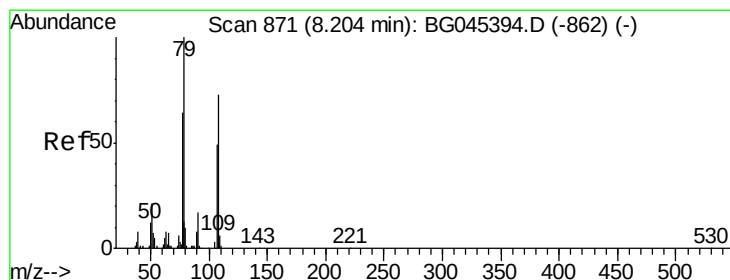
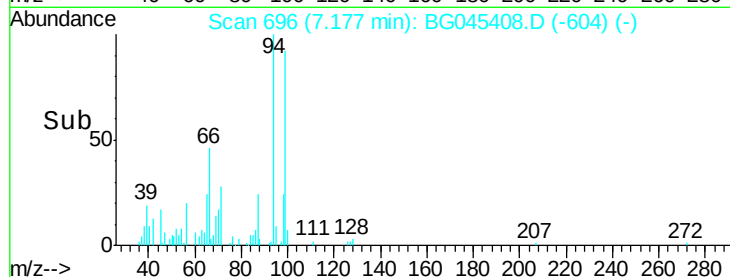
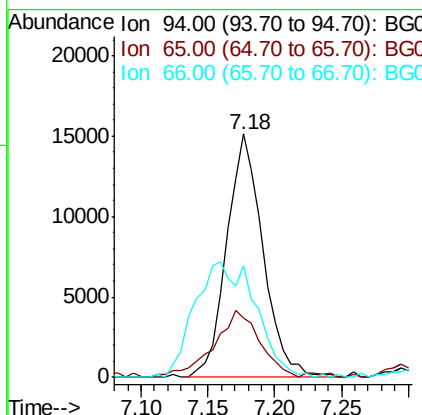
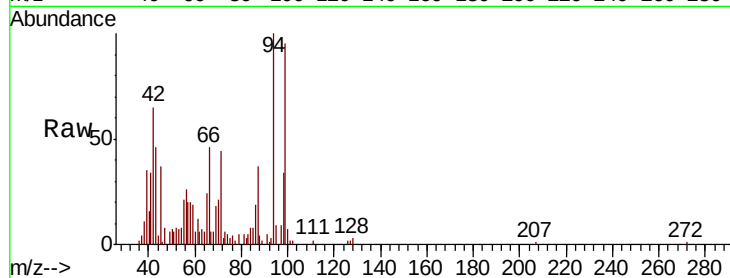




#10
Phenol
Concen: 5.776 ng
RT: 7.18 min Scan# 696
Delta R.T. 0.01 min
Lab File: BG045408.D
Acq: 15 May 2020 22:36

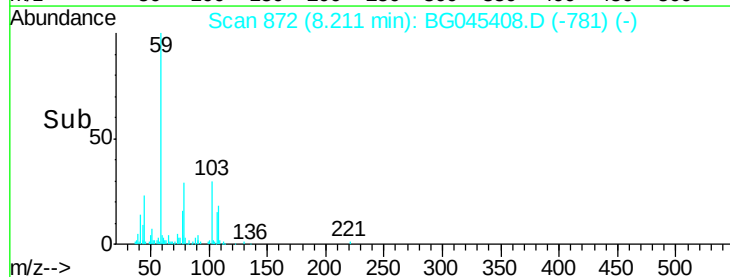
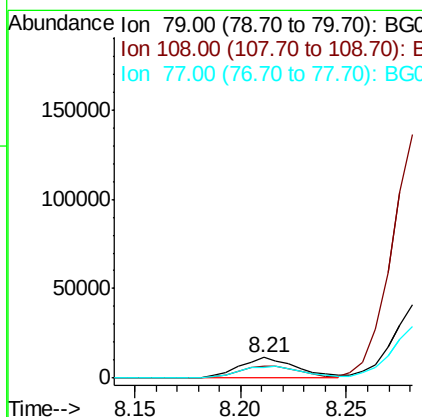
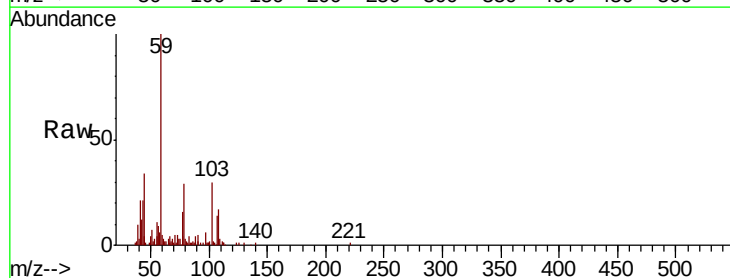
Instrument :
BNA_G
ClientSampleId :
1366

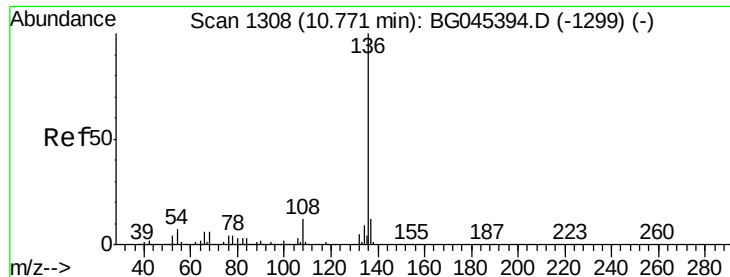
Tot Ion	94	Resp	28676
Ion	Ratio	Lower	Upper
94	100		
65	24.2	9.8	49.8
66	46.0	22.0	62.0



#15
Benzyl Alcohol
Concen: 5.453 ng
RT: 8.21 min Scan# 872
Delta R.T. 0.01 min
Lab File: BG045408.D
Acq: 15 May 2020 22:36

Tgt Ion	79	Resp	21702
Ion	Ratio	Lower	Upper
79	100		
108	59.7	58.2	87.4
77	54.5	51.0	76.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.78 min Scan# 1309

Delta R.T. 0.01 min

Lab File: BG045408.D

Acq: 15 May 2020 22:36

Instrument :

BNA_G

ClientSampleId :

1366

Tot Ion:136 Resp: 268466

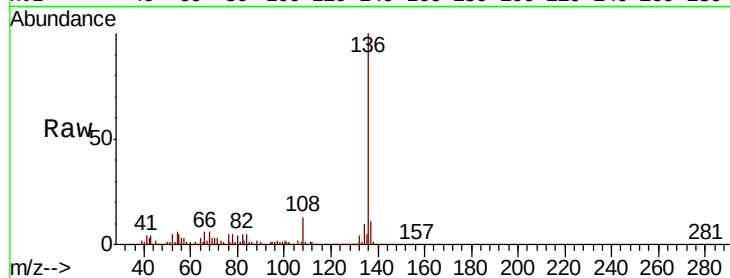
Ion Ratio Lower Upper

136 100

137 11.4 9.4 14.2

54 5.9 5.8 8.6

68 6.3 4.5 6.7

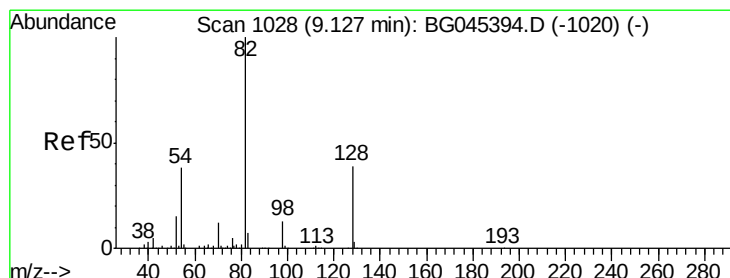
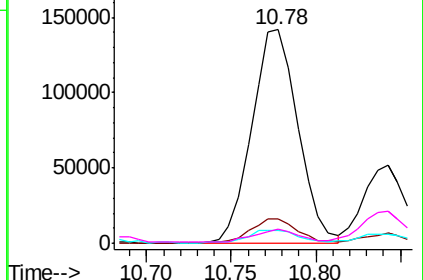
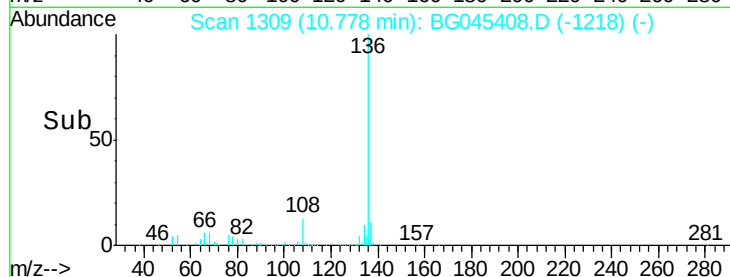


Abundance Ion 136.00 (135.70 to 136.70): E

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: 95.917 ng

RT: 9.13 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BG045408.D

Acq: 15 May 2020 22:36

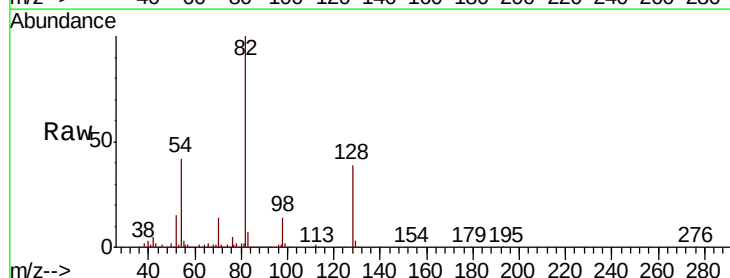
Tgt Ion: 82 Resp: 472212

Ion Ratio Lower Upper

82 100

128 39.3 30.9 46.3

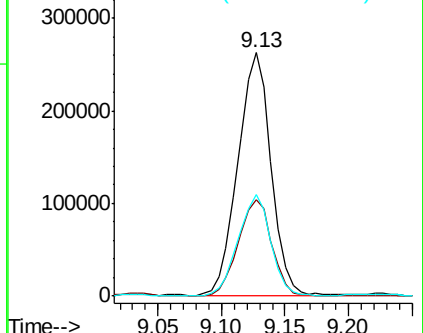
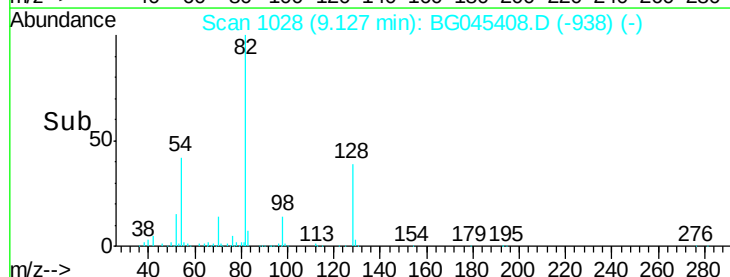
54 41.7 30.3 45.5

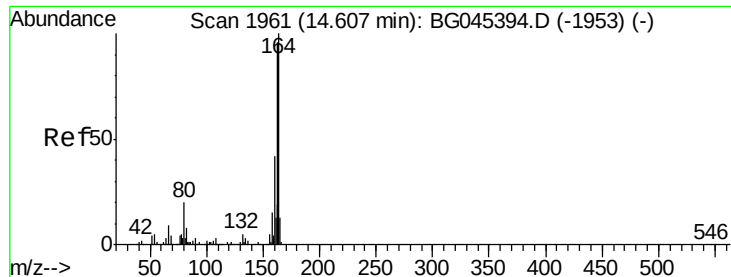


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.61 min Scan# 1962

Delta R.T. 0.01 min

Lab File: BG045408.D

Acq: 15 May 2020 22:36

Instrument :

BNA_G

ClientSampleId :

1366

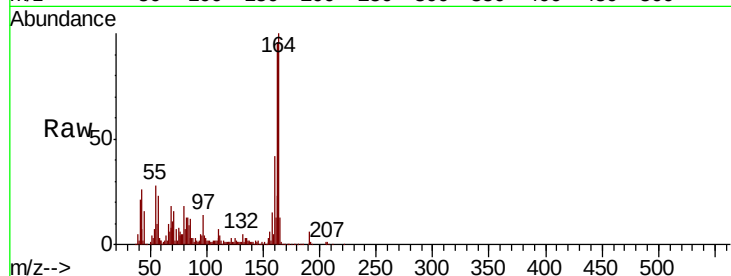
Tot Ion:164 Resp: 185740

Ion Ratio Lower Upper

164 100

162 96.0 76.9 115.3

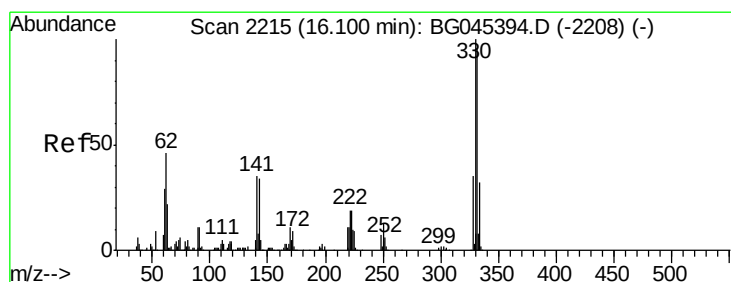
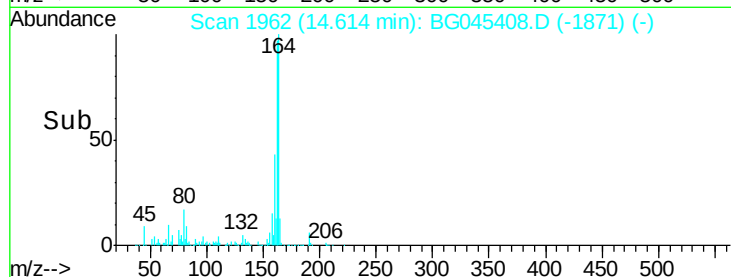
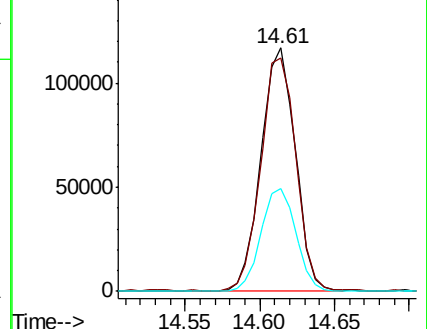
160 42.3 33.8 50.8



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: 146.922 ng

RT: 16.11 min Scan# 2217

Delta R.T. 0.01 min

Lab File: BG045408.D

Acq: 15 May 2020 22:36

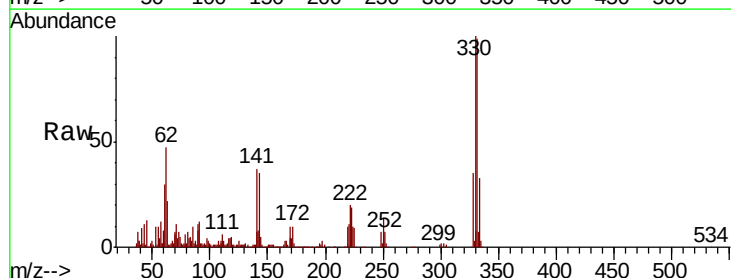
Tgt Ion:330 Resp: 348999

Ion Ratio Lower Upper

330 100

332 97.9 78.2 117.4

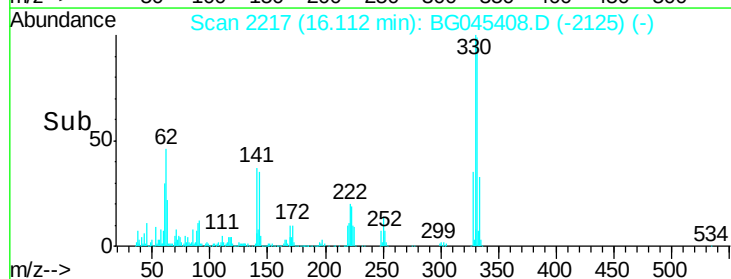
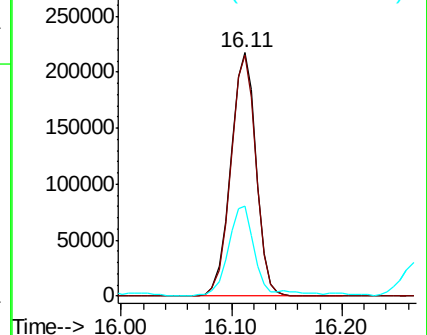
141 38.7 28.2 42.4

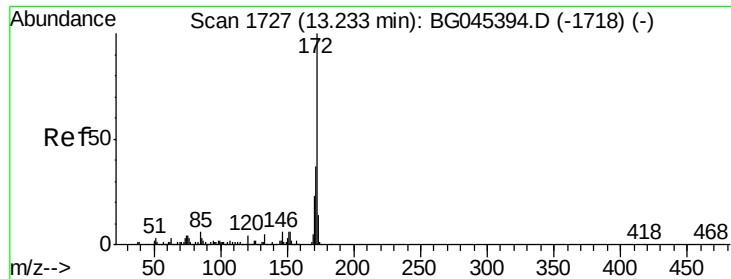


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

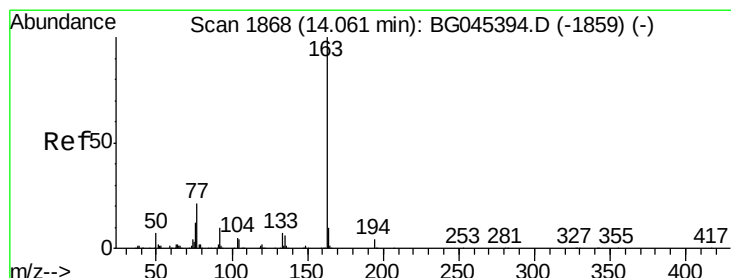
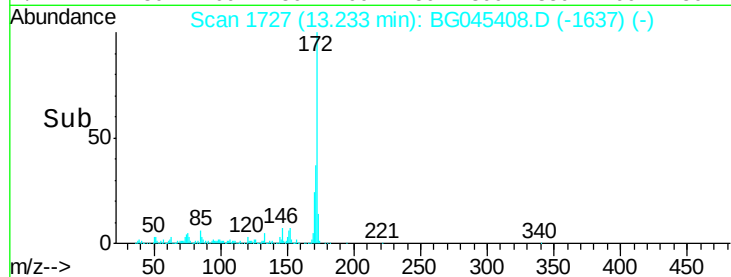
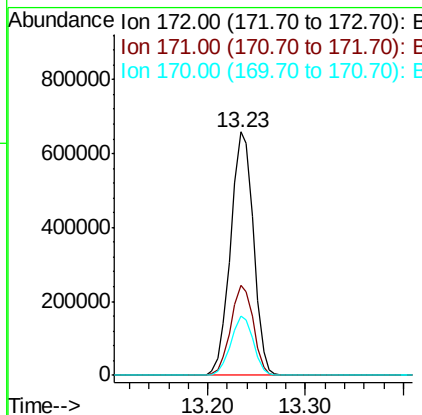
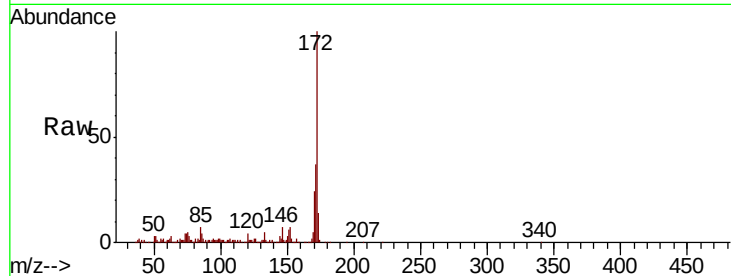




#45
2-Fluorobiphenyl
Concen: 97.563 ng
RT: 13.23 min Scan# 1727
Delta R.T. 0.00 min
Lab File: BG045408.D
Acq: 15 May 2020 22:36

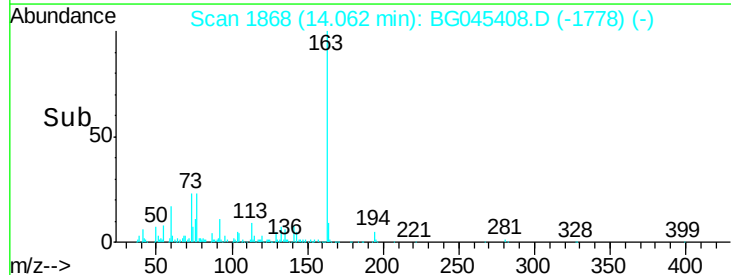
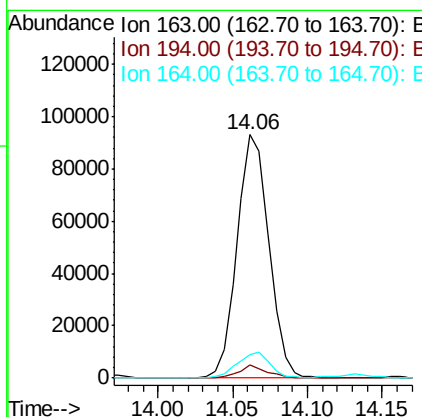
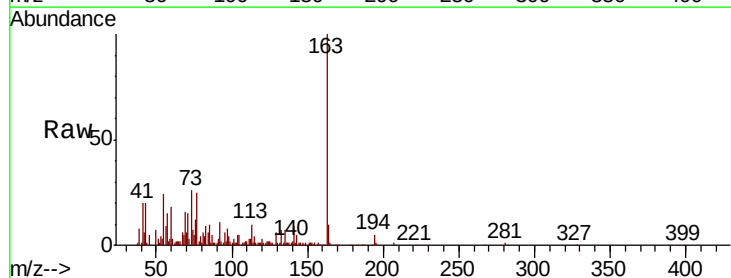
Instrument :
BNA_G
ClientSampleId :
1366

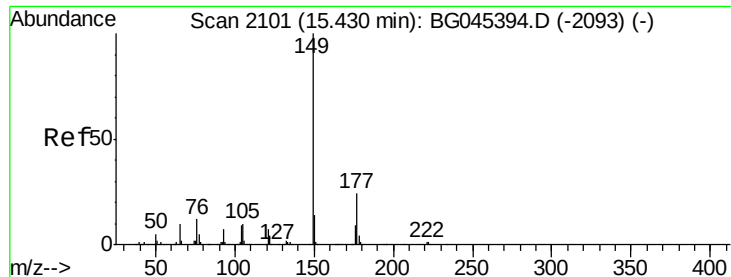
Tot Ion:172 Resp: 1068343
Ion Ratio Lower Upper
172 100
171 36.8 29.5 44.3
170 24.1 18.5 27.7



#50
Dimethylphthalate
Concen: 10.850 ng
RT: 14.06 min Scan# 1868
Delta R.T. 0.00 min
Lab File: BG045408.D
Acq: 15 May 2020 22:36

Tgt Ion:163 Resp: 138245
Ion Ratio Lower Upper
163 100
194 5.3 3.2 4.8#
164 9.7 8.3 12.5





#60

Diethylphthalate

Concen: 3.403 ng

RT: 15.43 min Scan# 2101

Delta R.T. 0.00 min

Lab File: BG045408.D

Acq: 15 May 2020 22:36

Instrument :

BNA_G

ClientSampleId :

1366

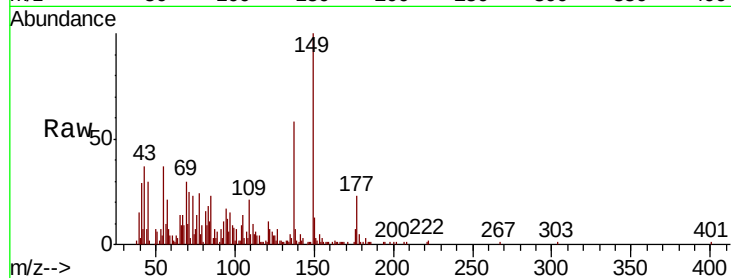
Tot Ion:149 Resp: 45126

Ion Ratio Lower Upper

149 100

177 23.3 19.0 28.4

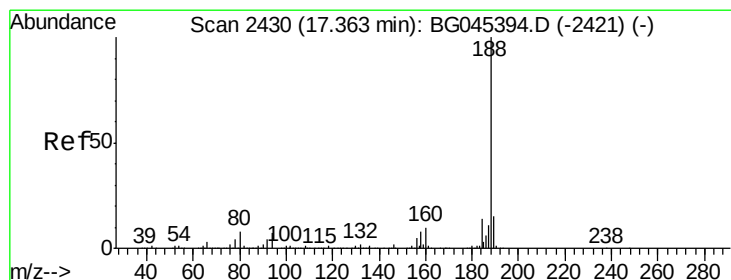
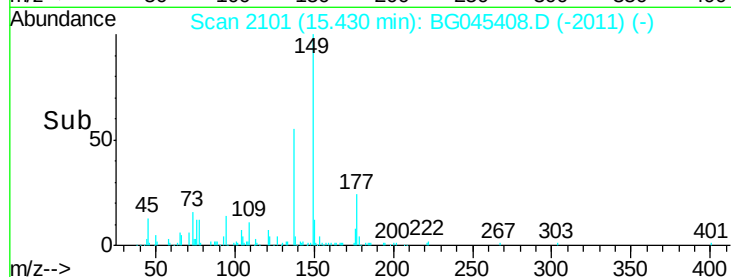
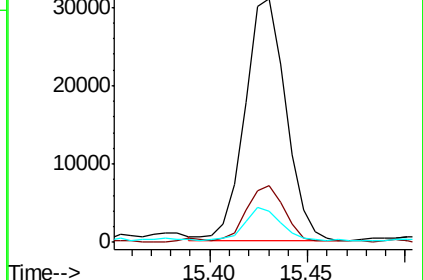
150 12.6 11.4 17.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.36 min Scan# 2430

Delta R.T. 0.00 min

Lab File: BG045408.D

Acq: 15 May 2020 22:36

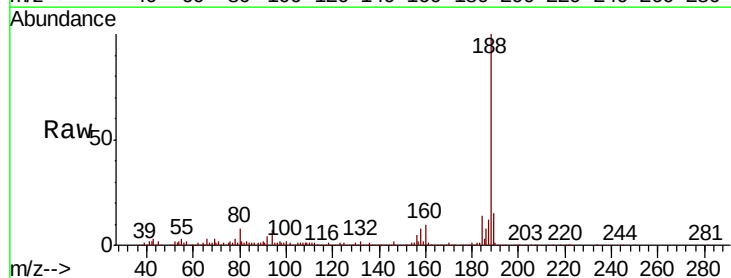
Tgt Ion:188 Resp: 405729

Ion Ratio Lower Upper

188 100

94 7.3 5.5 8.3

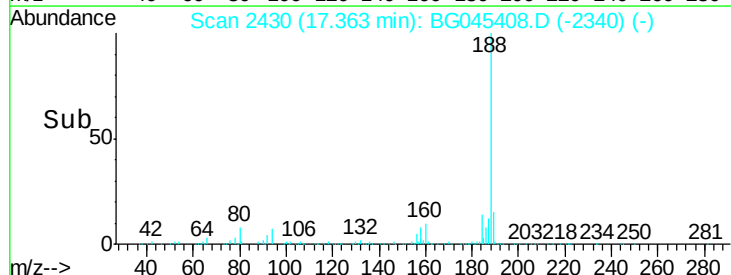
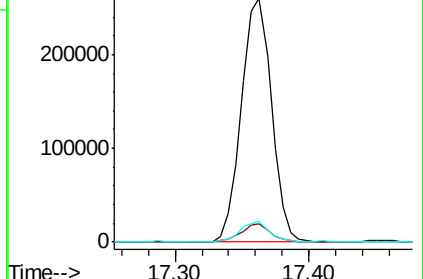
80 8.5 6.6 10.0

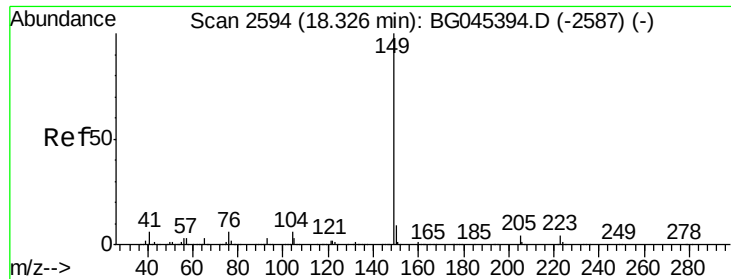


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#74

Di-n-butylphthalate

Concen: 9.027 ng

RT: 18.33 min Scan# 2594

Delta R.T. 0.00 min

Lab File: BG045408.D

Acq: 15 May 2020 22:36

Instrument :

BNA_G

ClientSampled :

1366

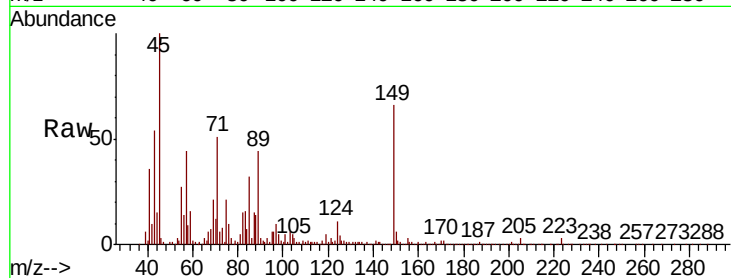
Tot Ion:149 Resp: 187858

Ion Ratio Lower Upper

149 100

150 9.5 7.6 11.4

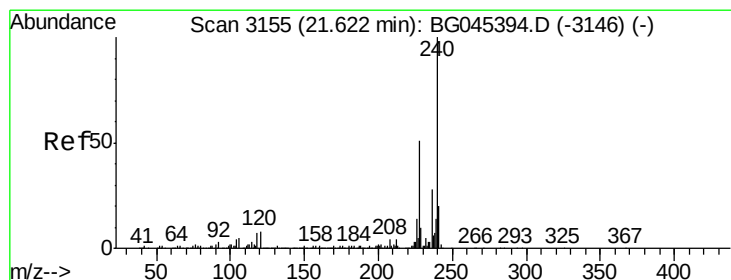
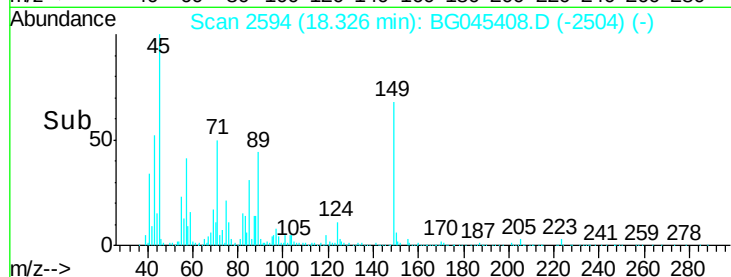
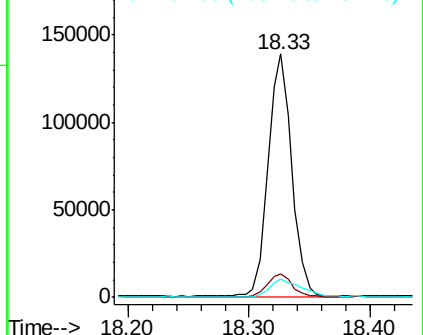
104 7.4 5.0 7.4



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: 21.62 min Scan# 3155

Delta R.T. 0.00 min

Lab File: BG045408.D

Acq: 15 May 2020 22:36

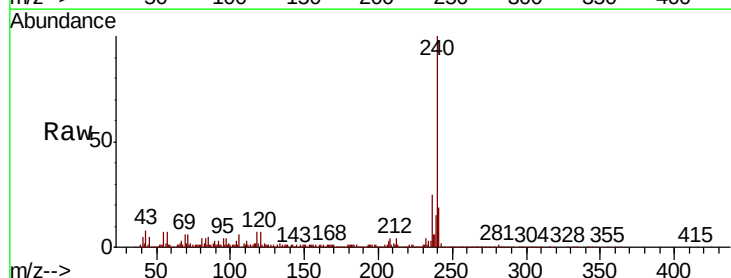
Tgt Ion:240 Resp: 390098

Ion Ratio Lower Upper

240 100

120 6.9 6.1 9.1

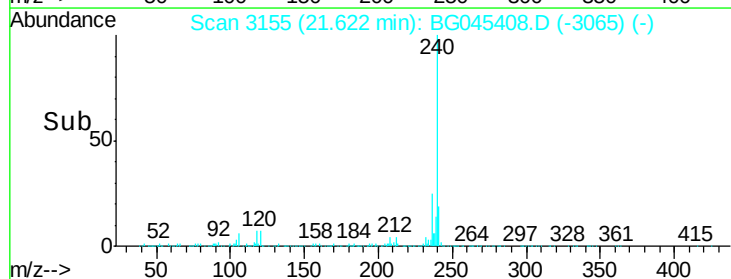
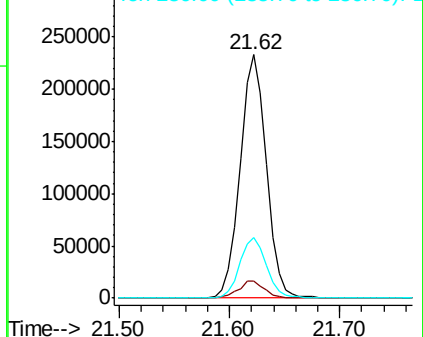
236 25.1 22.3 33.5

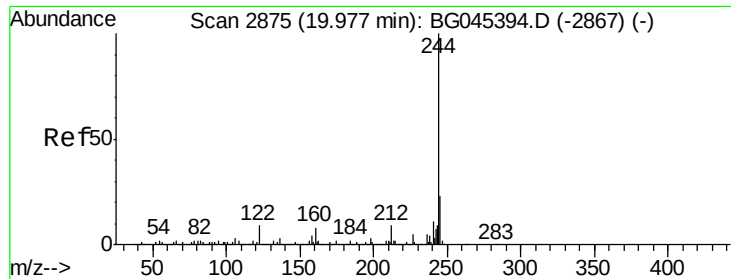


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 95.783 ng

RT: 19.98 min Scan# 2875

Delta R.T. 0.00 min

Lab File: BG045408.D

Acq: 15 May 2020 22:36

Instrument :

BNA_G

ClientSampleId :

1366

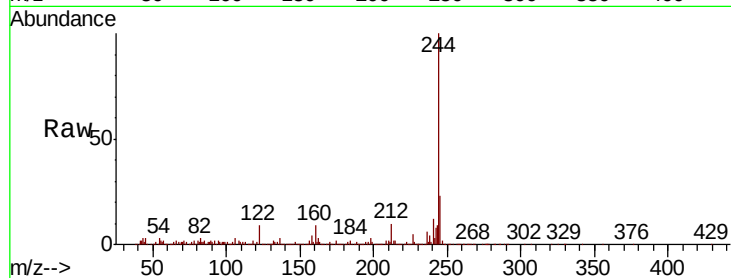
Tot Ion:244 Resp: 1602064

Ion Ratio Lower Upper

244 100

212 9.6 7.4 11.0

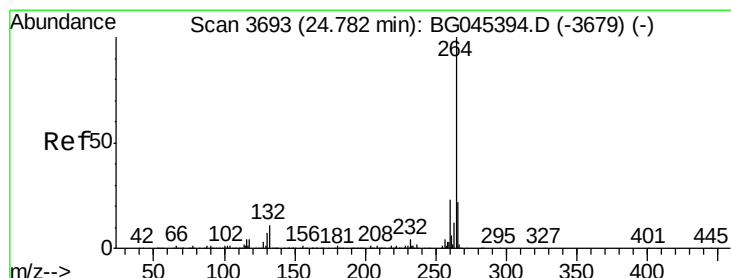
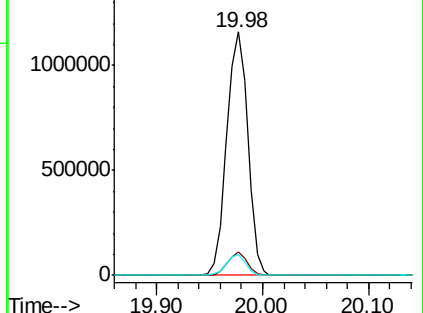
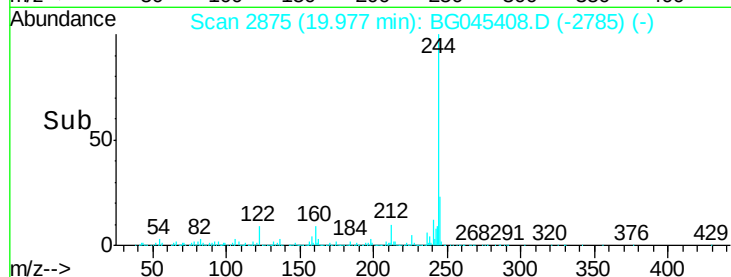
122 8.6 6.8 10.2



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.78 min Scan# 3693

Delta R.T. 0.00 min

Lab File: BG045408.D

Acq: 15 May 2020 22:36

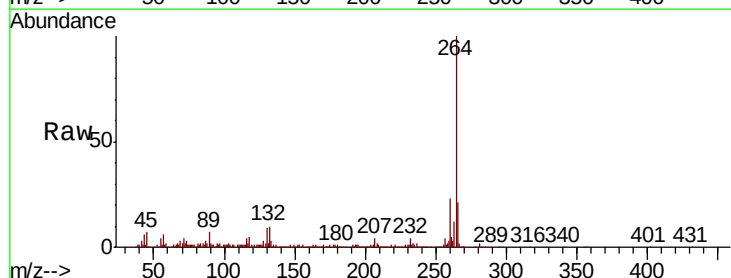
Tgt Ion:264 Resp: 423318

Ion Ratio Lower Upper

264 100

260 22.9 18.2 27.4

265 21.5 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

