

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061120\
 Data File : BG045737.D
 Acq On : 12 Jun 2020 1:41
 Operator : CG/JU
 Sample : L2971-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 40755

Quant Time: Jun 12 03:48:30 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

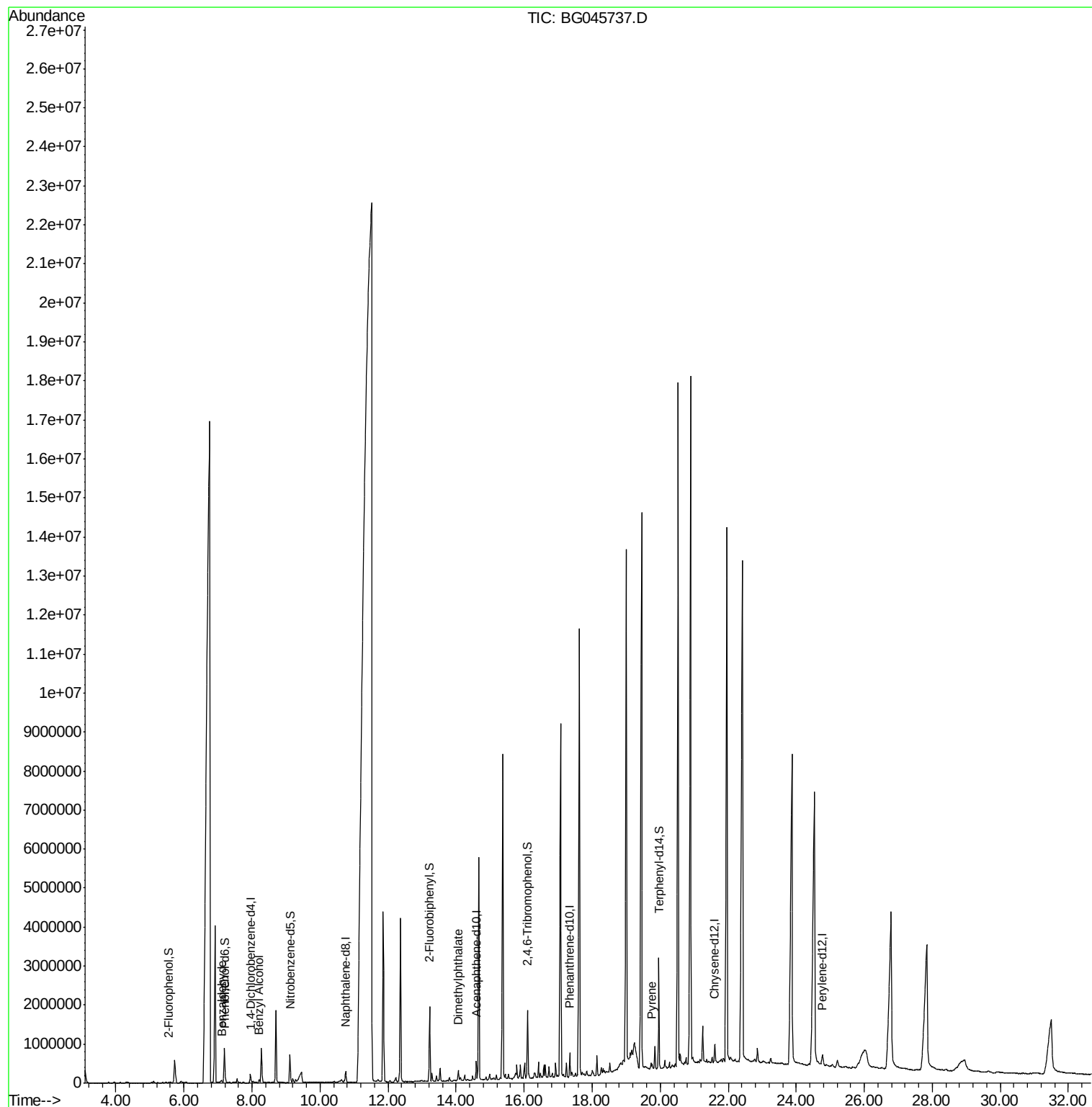
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	60593	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	245895	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	155417	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	307100	20.00	ng	0.00
76) Chrysene-d12	21.60	240	286502	20.00	ng	0.00
87) Perylene-d12	24.77	264	301984	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	14905	4.81	ng	0.02
7) Phenol-d6	7.19	99	584966	132.56	ng	0.04
23) Nitrobenzene-d5	9.11	82	476789	105.74	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	277178	139.45	ng	0.01
45) 2-Fluorobiphenyl	13.22	172	991199	108.18	ng	0.00
79) Terphenyl-d14	19.96	244	1306284	106.34	ng	0.00
Target Compounds						
9) Benzaldehyde	7.12	77	7540	2.622	ng	82
10) Phenol	7.22	94	60196	13.235	ng	93
15) Benzyl Alcohol	8.21	79	37022	10.156	ng	91
50) Dimethylphthalate	14.07	163	163142	15.302	ng	99
78) Pyrene	19.76	202	35903	2.198	ng	98

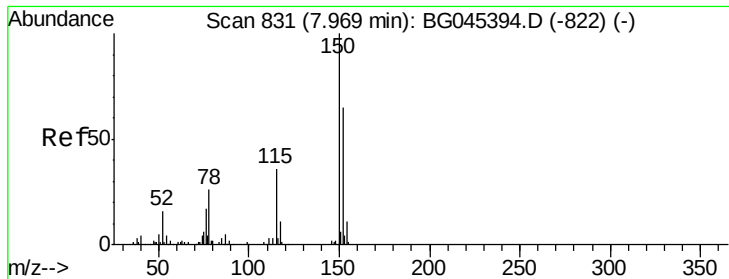
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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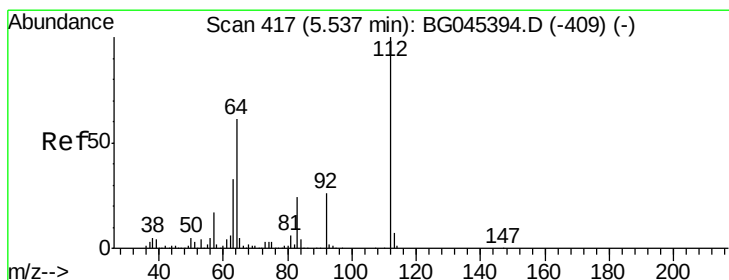
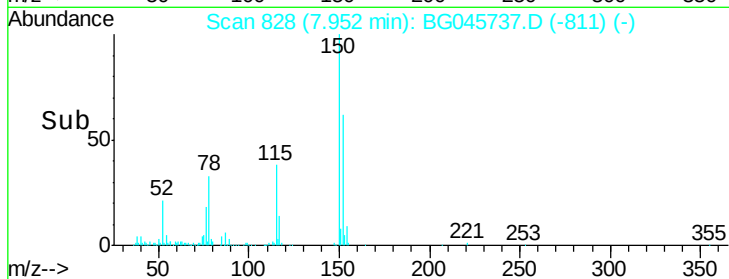
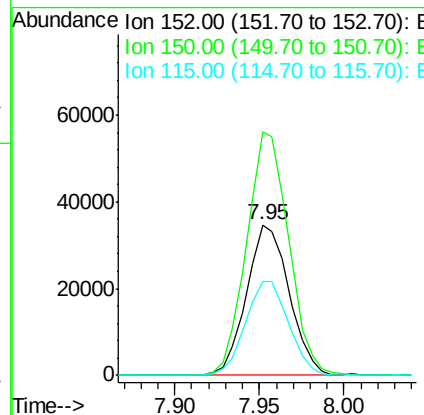
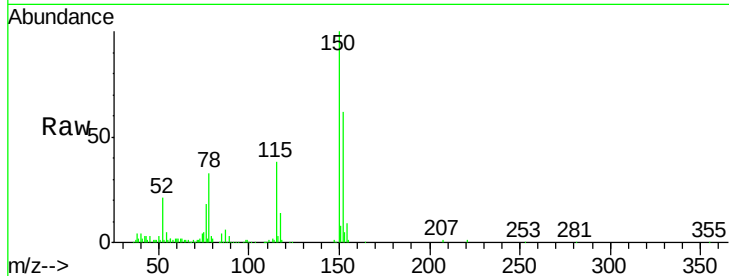


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. 0.00 min
Lab File: BG045737.D
Acq: 12 Jun 2020 1:41

Instrument :
BNA_G
ClientSampleId :
40755

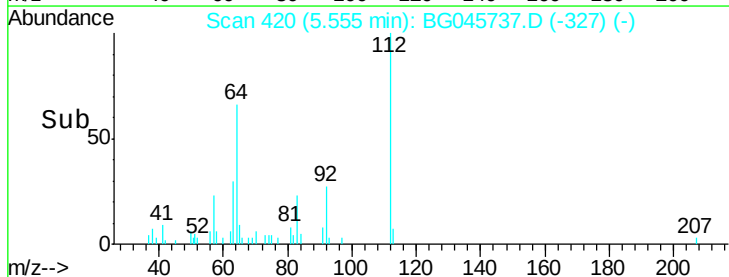
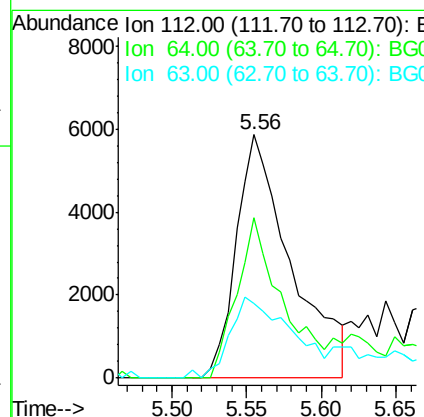
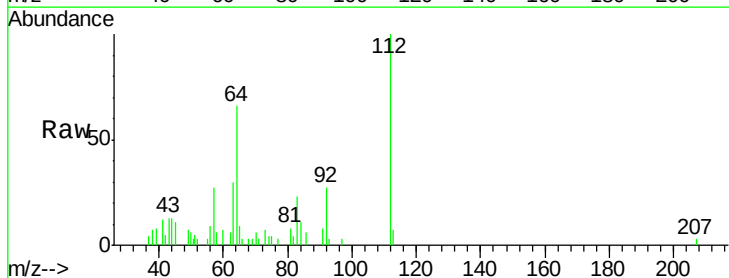
Tot Ion:152 Resp: 60593
Ion Ratio Lower Upper
152 100
150 162.0 122.4 183.6
115 62.2 44.2 66.4

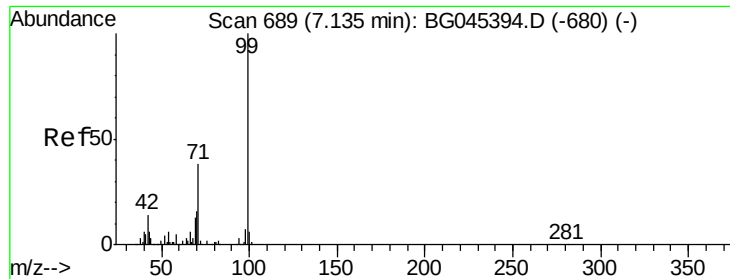


#5

2-Fluorophenol
Concen: 4.807 ng
RT: 5.56 min Scan# 420
Delta R.T. 0.02 min
Lab File: BG045737.D
Acq: 12 Jun 2020 1:41

Tgt Ion:112 Resp: 14905
Ion Ratio Lower Upper
112 100
64 65.8 48.6 72.8
63 30.4 26.5 39.7





#7

Phenol-d6

Concen: 132.557 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.04 min

Lab File: BG045737.D

Acq: 12 Jun 2020 1:41

Instrument :

BNA_G

ClientSampleId :

40755

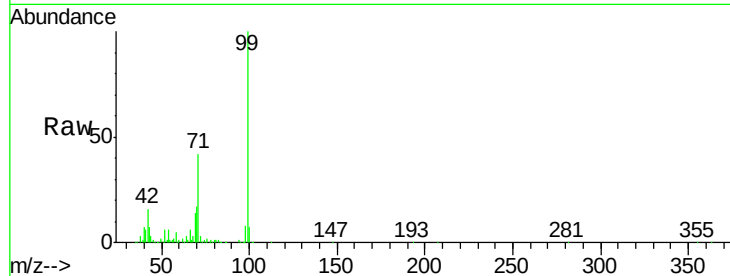
Tot Ion: 99 Resp: 584966

Ion Ratio Lower Upper

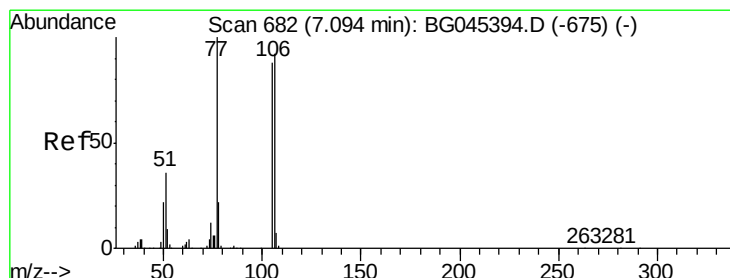
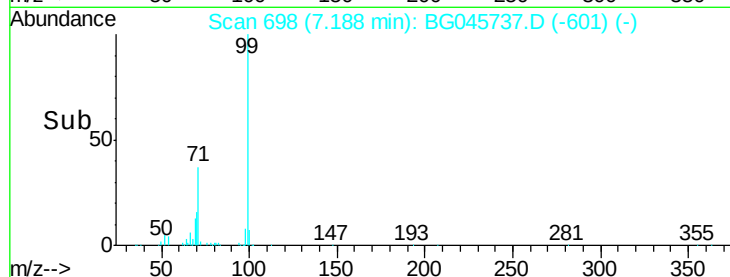
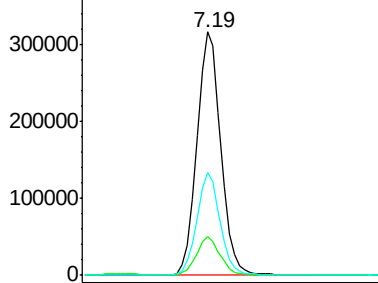
99 100

42 16.1 11.3 16.9

71 42.0 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: 2.622 ng

RT: 7.12 min Scan# 686

Delta R.T. 0.04 min

Lab File: BG045737.D

Acq: 12 Jun 2020 1:41

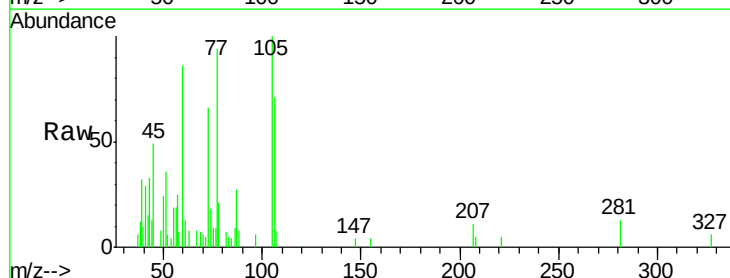
Tgt Ion: 77 Resp: 7540

Ion Ratio Lower Upper

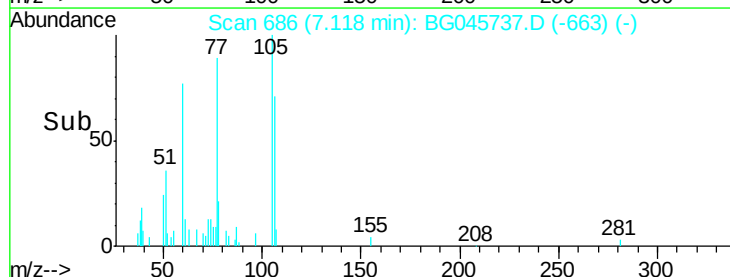
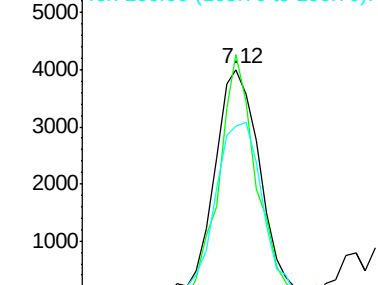
77 100

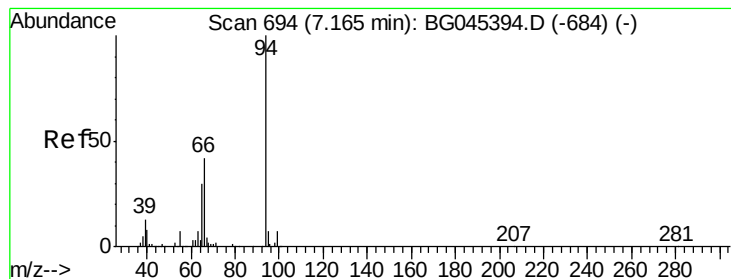
105 106.7 68.5 108.5

106 75.6 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: 13.235 ng

RT: 7.22 min Scan# 703

Delta R.T. 0.04 min

Lab File: BG045737.D

Acq: 12 Jun 2020 1:41

Instrument :

BNA_G

ClientSampleId :

40755

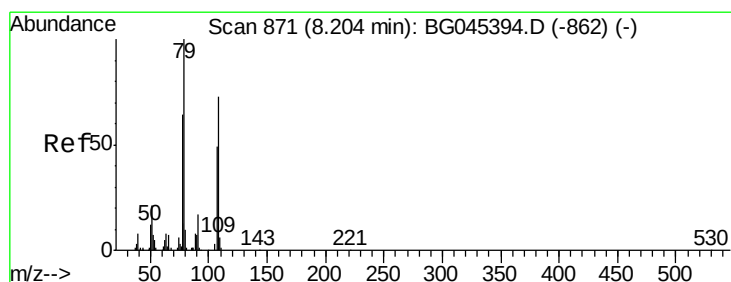
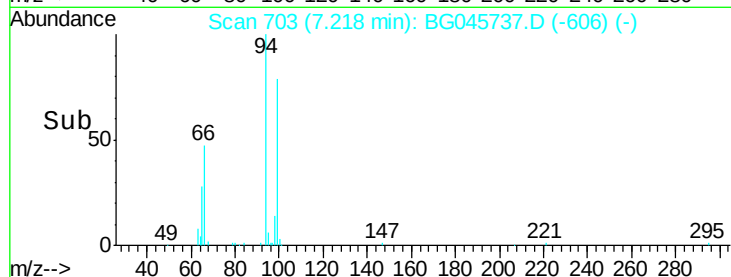
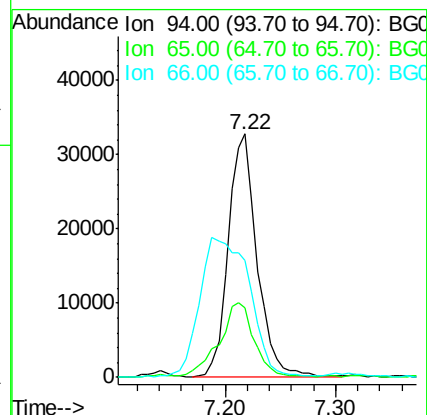
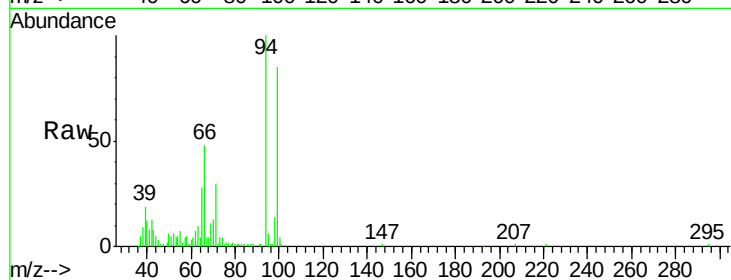
Tot Ion: 94 Resp: 60196

Ion Ratio Lower Upper

94 100

65 28.3 9.8 49.8

66 47.8 22.0 62.0



#15

Benzyl Alcohol

Concen: 10.156 ng

RT: 8.21 min Scan# 872

Delta R.T. 0.01 min

Lab File: BG045737.D

Acq: 12 Jun 2020 1:41

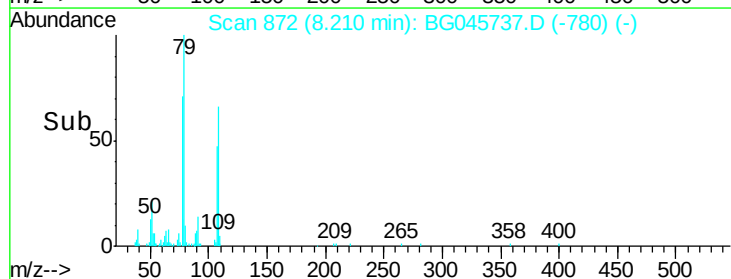
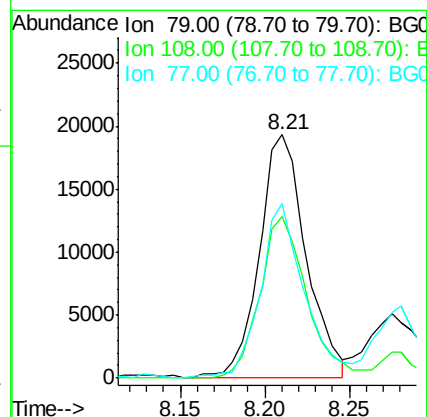
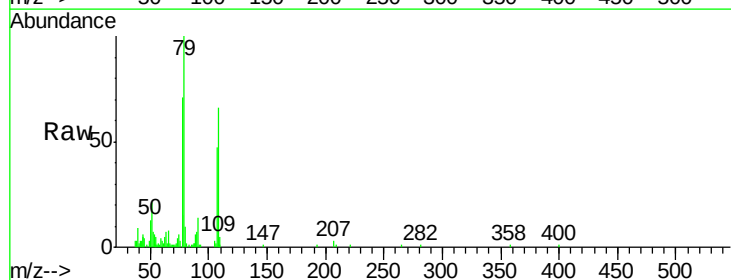
Tgt Ion: 79 Resp: 37022

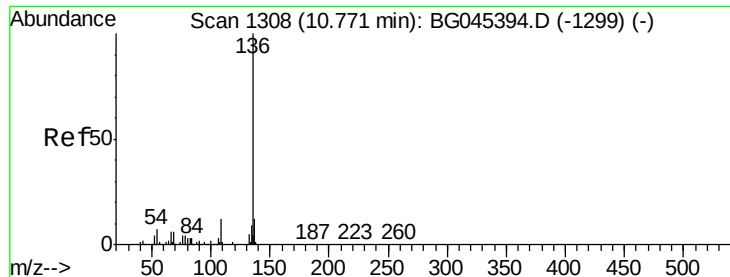
Ion Ratio Lower Upper

79 100

108 66.4 58.2 87.4

77 71.5 51.0 76.4

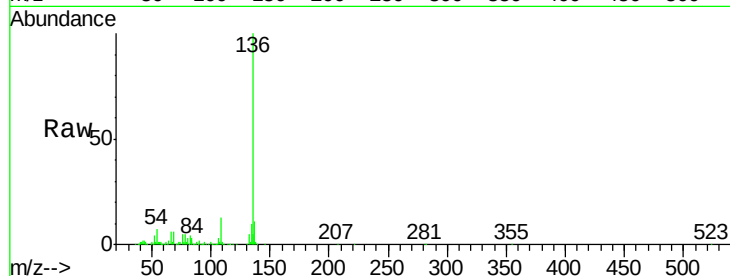




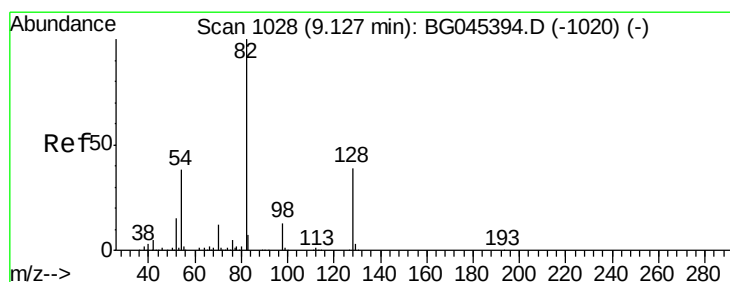
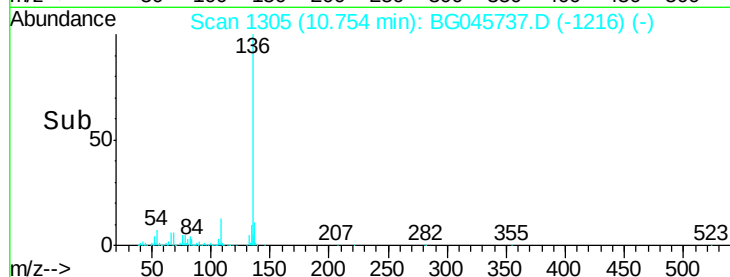
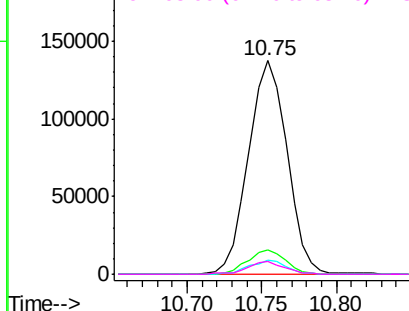
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BG045737.D
Acq: 12 Jun 2020 1:41

Instrument :
BNA_G
ClientSampleId :
40755

Tot Ion:136	Resp: 245895
Ion Ratio	Lower Upper
136 100	
137 11.3	9.4 14.2
54 6.5	5.8 8.6
68 6.0	4.5 6.7

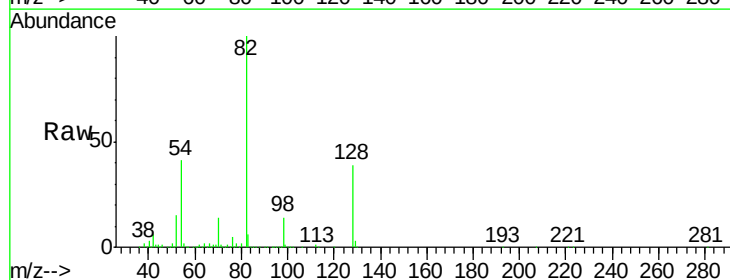


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

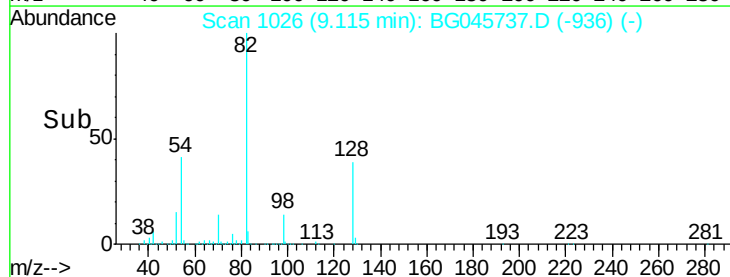
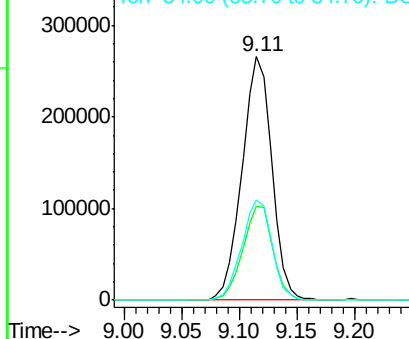


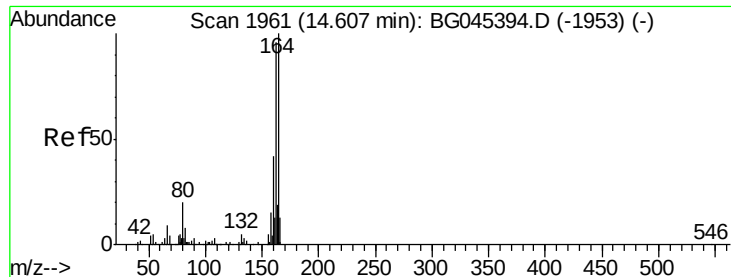
#23
Nitrobenzene-d5
Concen: 105.736 ng
RT: 9.11 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BG045737.D
Acq: 12 Jun 2020 1:41

Tgt	Ion: 82	Resp:	476789
Ion	Ratio	Lower	Upper
82	100		
128	38.8	30.9	46.3
54	41.0	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: 14.60 min Scan# 1959

Delta R.T. 0.00 min

Lab File: BG045737.D

Acq: 12 Jun 2020 1:41

Instrument :

BNA_G

ClientSampleId :

40755

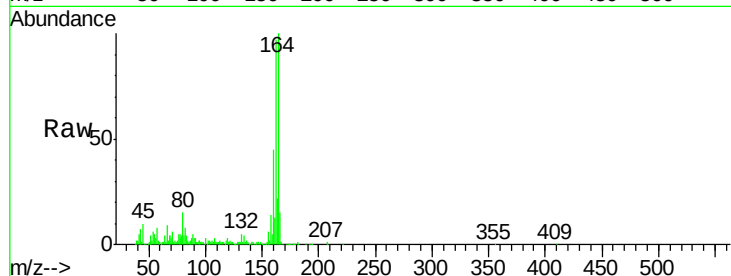
Tot Ion:164 Resp: 155417

Ion Ratio Lower Upper

164 100

162 96.6 76.9 115.3

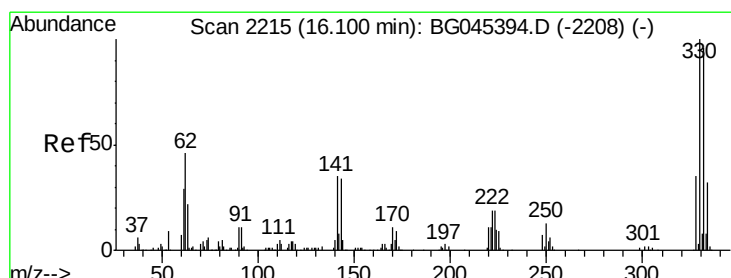
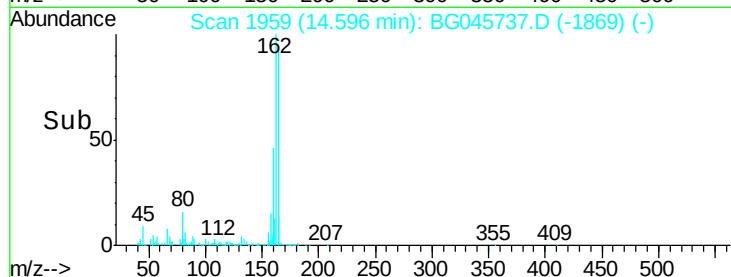
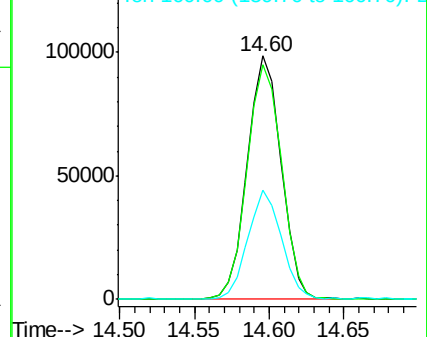
160 45.1 33.8 50.8



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: 139.453 ng

RT: 16.11 min Scan# 2216

Delta R.T. 0.01 min

Lab File: BG045737.D

Acq: 12 Jun 2020 1:41

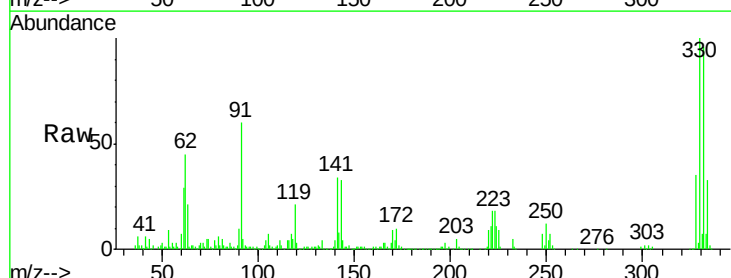
Tgt Ion:330 Resp: 277178

Ion Ratio Lower Upper

330 100

332 97.5 78.2 117.4

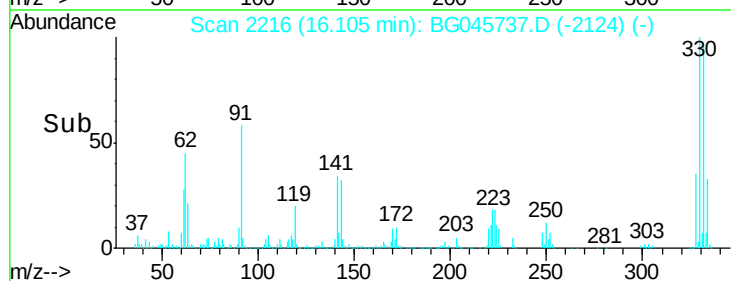
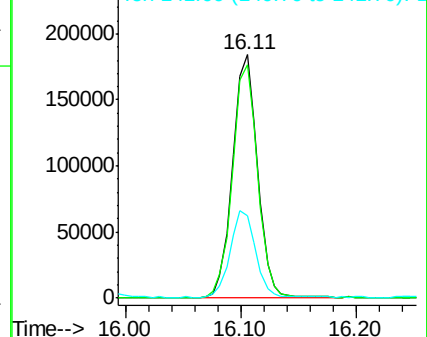
141 35.7 28.2 42.4

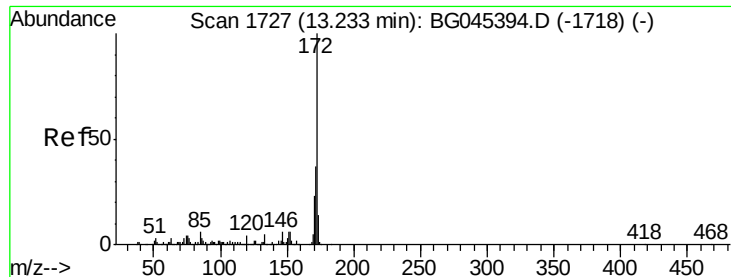


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

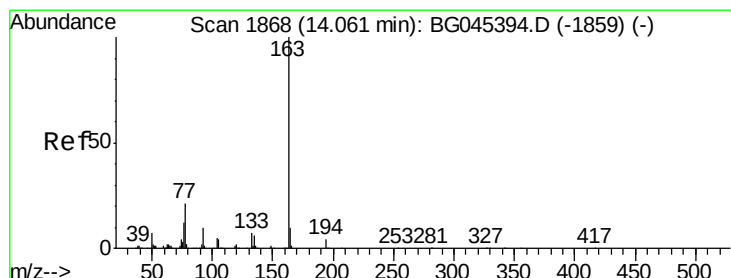
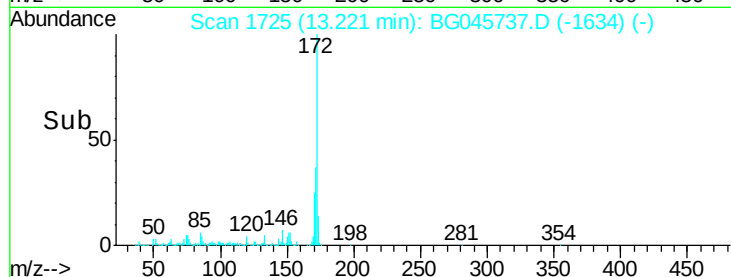
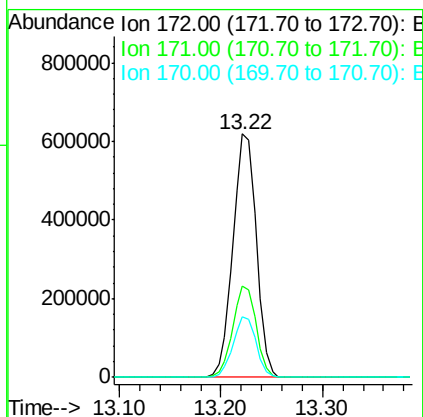
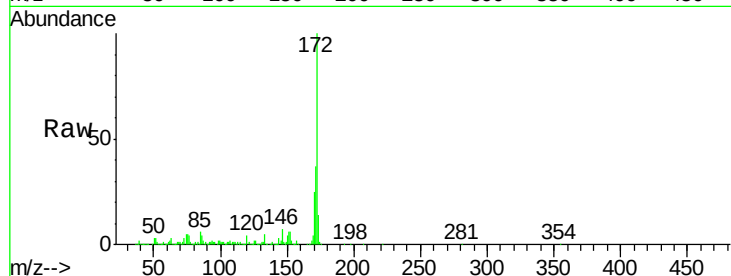




#45
2-Fluorobiphenyl
Concen: 108.179 ng
RT: 13.22 min Scan# 1725
Delta R.T. 0.01 min
Lab File: BG045737.D
Acq: 12 Jun 2020 1:41

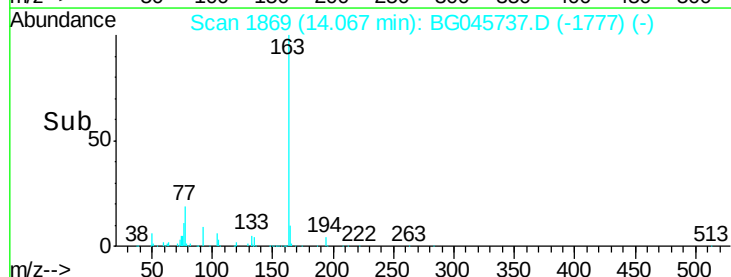
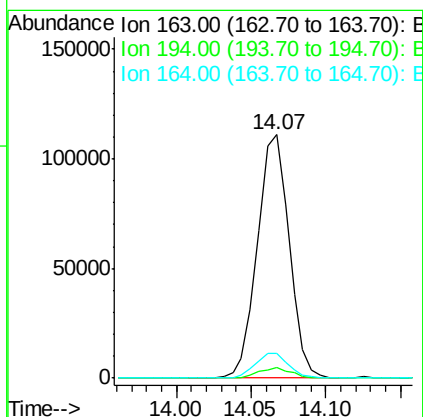
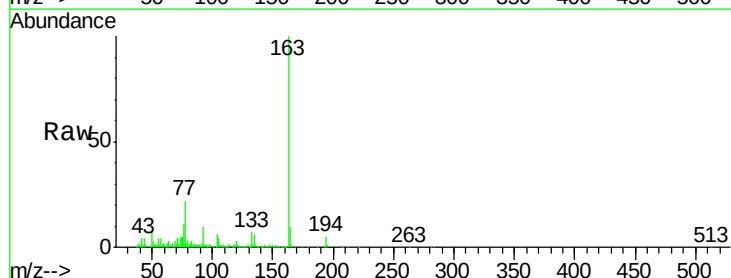
Instrument :
BNA_G
ClientSampleId :
40755

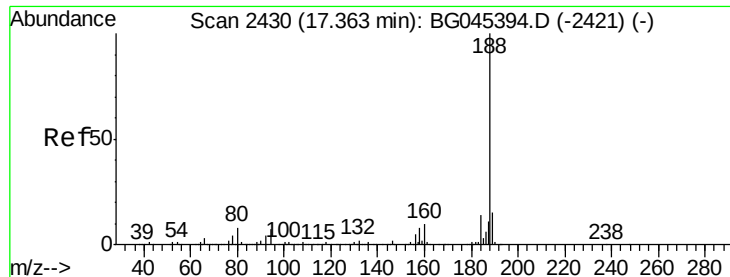
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.5	44.3
170	24.8	18.5	27.7



#50
Dimethylphthalate
Concen: 15.302 ng
RT: 14.07 min Scan# 1869
Delta R.T. 0.01 min
Lab File: BG045737.D
Acq: 12 Jun 2020 1:41

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.2	4.8
164	10.1	8.3	12.5





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.34 min Scan# 2427

Delta R.T. 0.00 min

Lab File: BG045737.D

Acq: 12 Jun 2020 1:41

Instrument :

BNA_G

ClientSampled :

40755

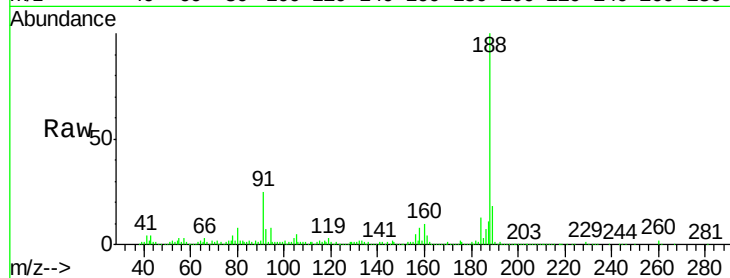
Tot Ion:188 Resp: 307100

Ion Ratio Lower Upper

188 100

94 7.6 5.5 8.3

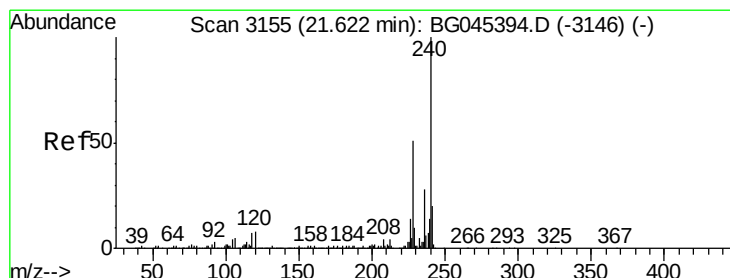
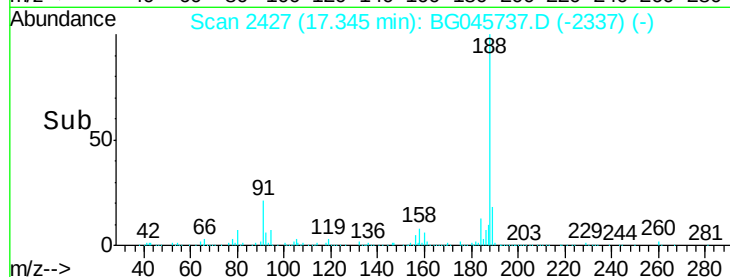
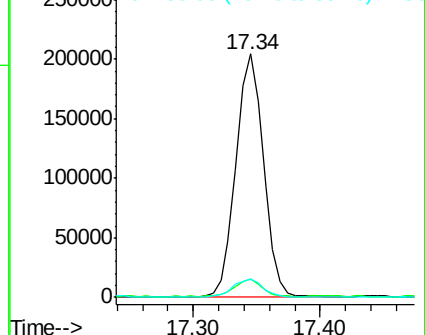
80 7.7 6.6 10.0



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.60 min Scan# 3152

Delta R.T. 0.00 min

Lab File: BG045737.D

Acq: 12 Jun 2020 1:41

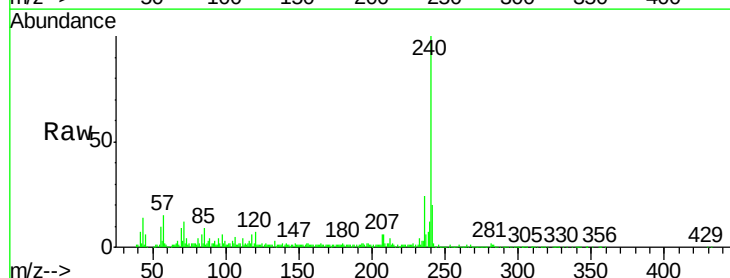
Tgt Ion:240 Resp: 286502

Ion Ratio Lower Upper

240 100

120 6.9 6.1 9.1

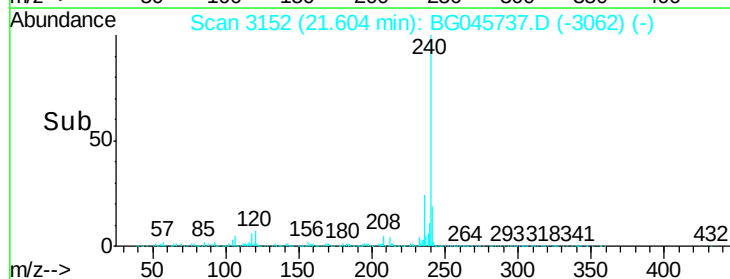
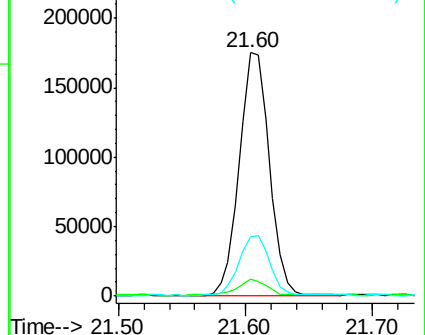
236 24.2 22.3 33.5

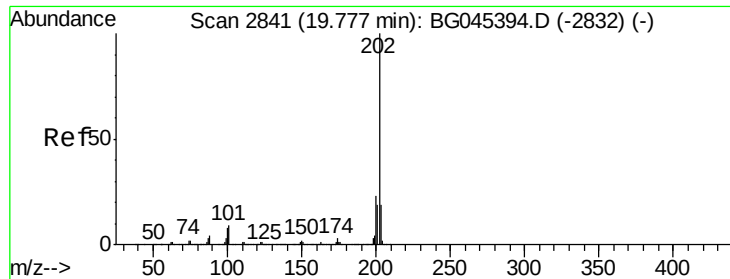


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

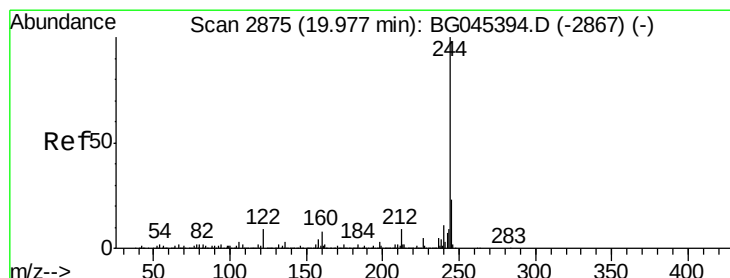
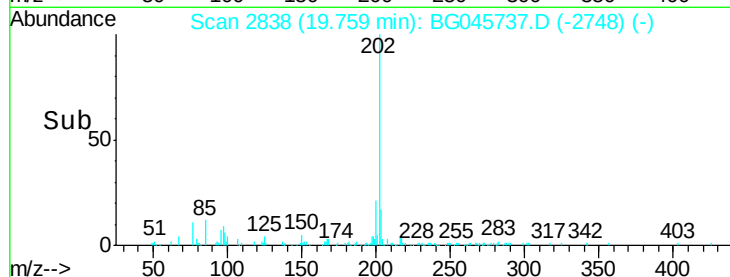
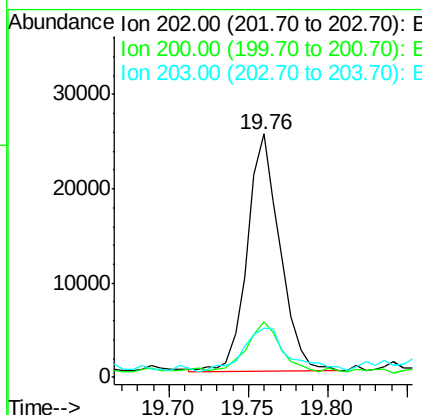
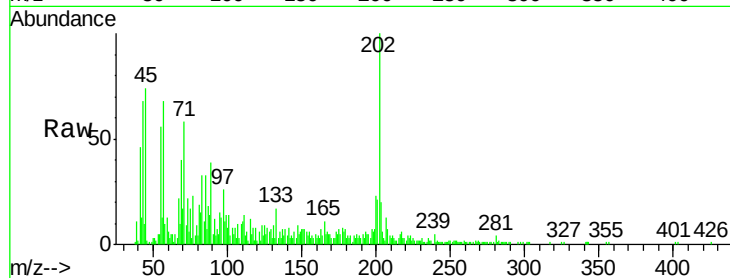




#78
Pvrene
Concen: 2.198 ng
RT: 19.76 min Scan# 2838
Delta R.T. 0.00 min
Lab File: BG045737.D
Acq: 12 Jun 2020 1:41

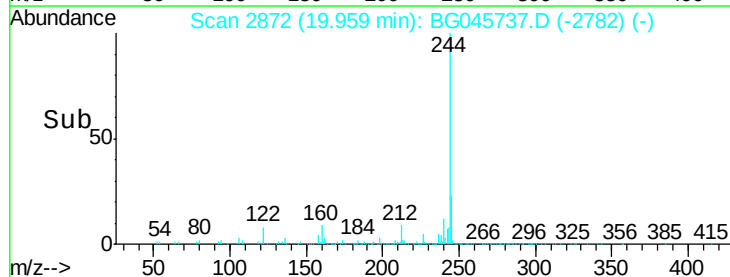
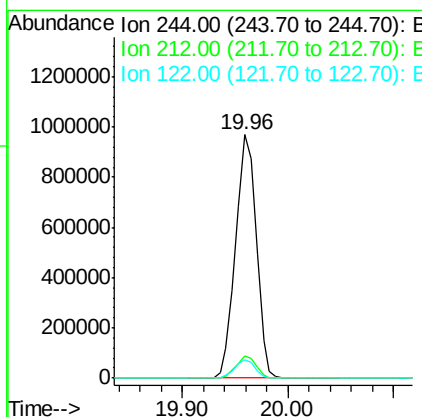
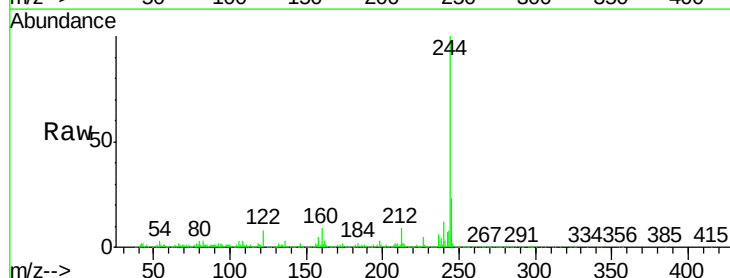
Instrument :
BNA_G
ClientSampleId :
40755

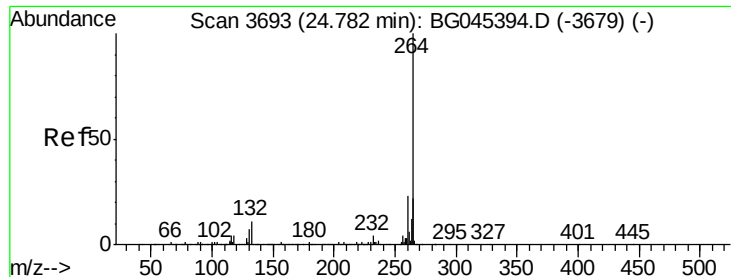
Tot Ion	Ratio	Lower	Upper
202	100		
200	22.9	18.2	27.2
203	20.3	15.1	22.7



#79
Terphenyl-d14
Concen: 106.339 ng
RT: 19.96 min Scan# 2872
Delta R.T. 0.00 min
Lab File: BG045737.D
Acq: 12 Jun 2020 1:41

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.4	11.0
122	7.8	6.8	10.2

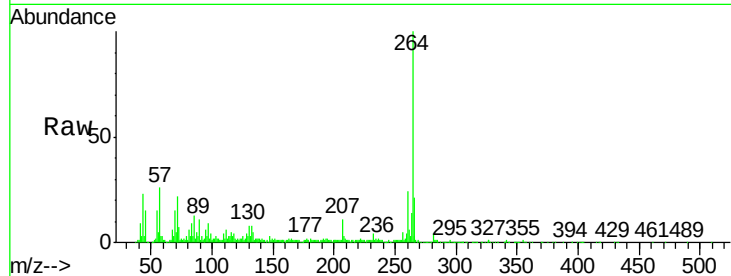




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.77 min Scan# 3691
Delta R.T. 0.02 min
Lab File: BG045737.D
Acq: 12 Jun 2020 1:41

Instrument :
BNA_G
ClientSampleId :
40755

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	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

