

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG052620\
 Data File : BG045462.D
 Acq On : 26 May 2020 18:14
 Operator : CG/JU
 Sample : L2744-15
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: May 27 00:57:40 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 26 14:16:30 2020
 Response via : Initial Calibration

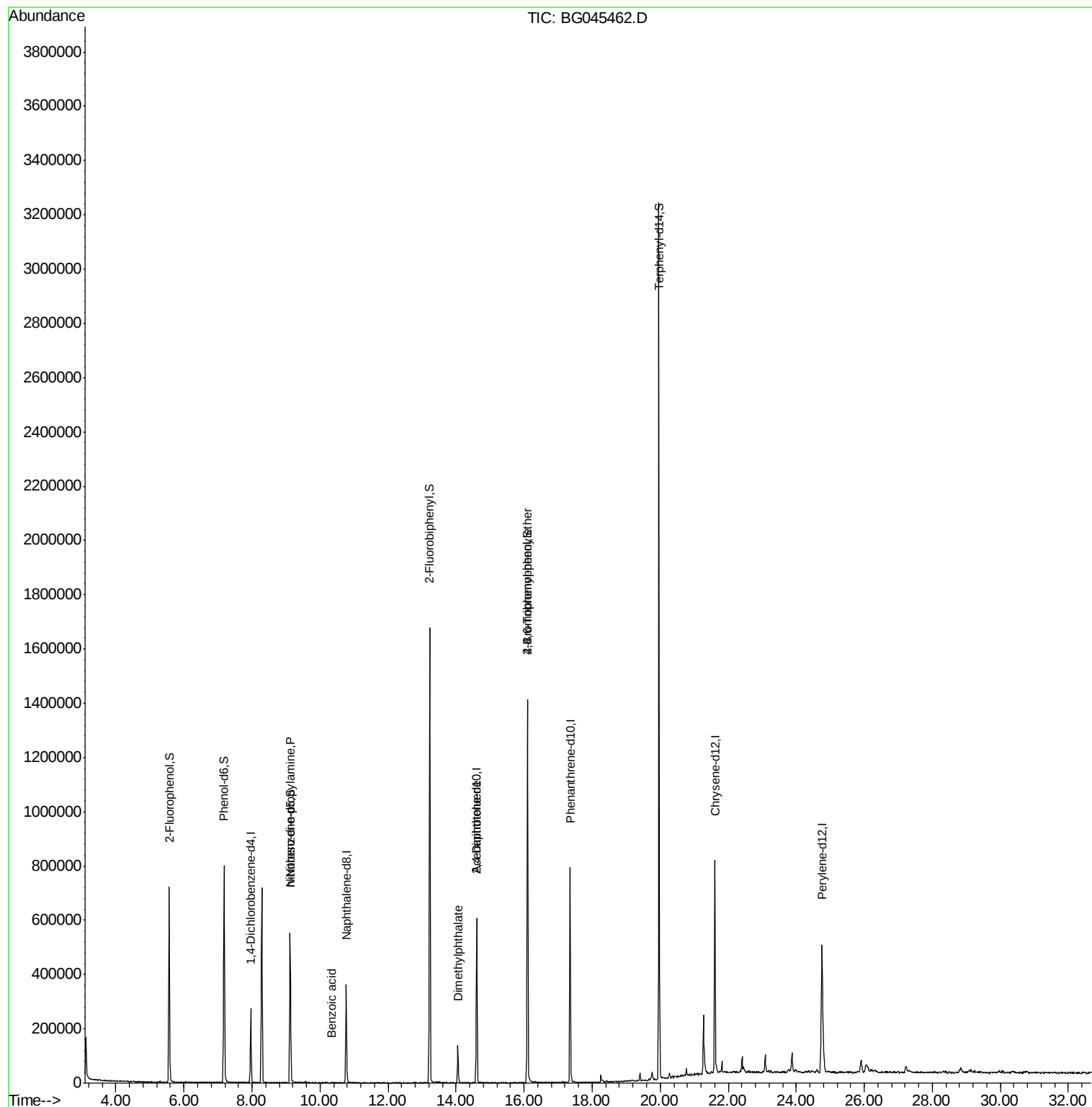
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	83717	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	336276	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	234384	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	532508	20.00	ng	0.00
76) Chrysene-d12	21.61	240	497099	20.00	ng	0.00
87) Perylene-d12	24.76	264	541128	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	363909	84.95	ng	0.00
7) Phenol-d6	7.18	99	549688	90.16	ng	0.00
23) Nitrobenzene-d5	9.12	82	386860	62.73	ng	0.00
42) 2,4,6-Tribromophenol	16.10	330	291346	97.20	ng	0.00
45) 2-Fluorobiphenyl	13.23	172	951057	68.83	ng	0.00
79) Terphenyl-d14	19.97	244	1536157	72.07	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.12	70	51868	12.302	ng	# 77
32) Benzoic acid	10.34	122	59	10.039	ng	# 1
50) Dimethylphthalate	14.06	163	95799	5.958	ng	98
57) 2,4-Dinitrotoluene	14.60	165	31887	6.069	ng	# 22
67) 4-Bromophenyl-phenylether	16.10	248	18345	3.181	ng	# 1

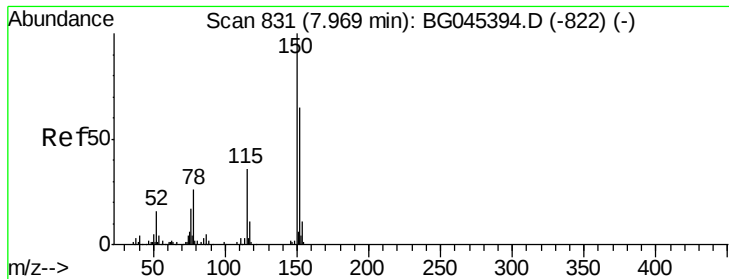
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG052620\
Data File : BG045462.D
Acq On : 26 May 2020 18:14
Operator : CG/JU
Sample : L2744-15
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: May 27 00:57:40 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 26 14:16:30 2020
Response via : Initial Calibration



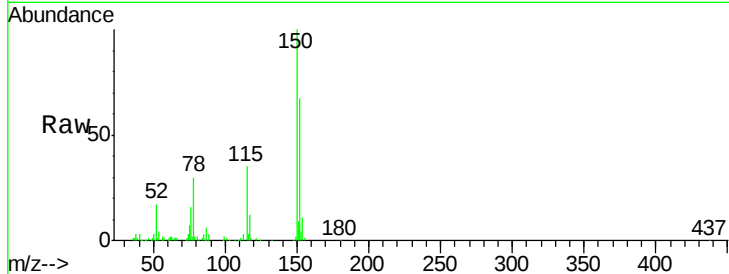


#1

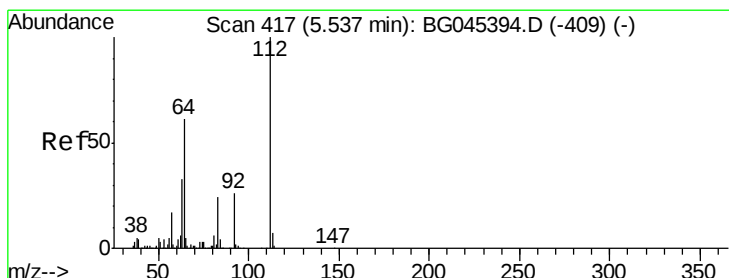
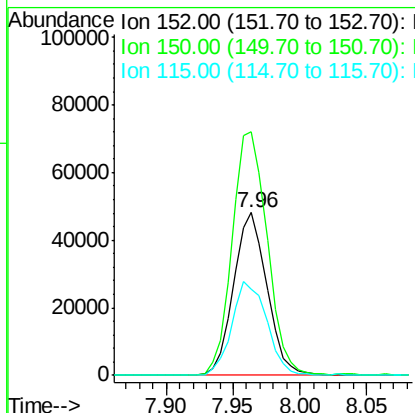
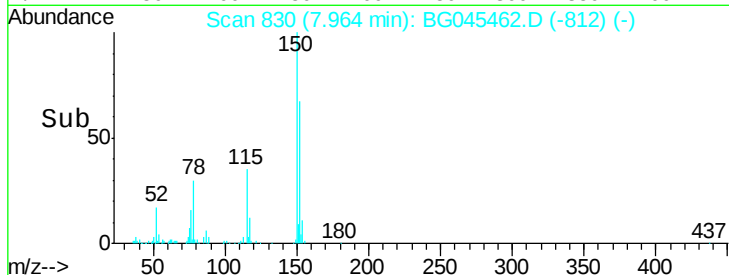
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 830
Delta R.T. 0.01 min
Lab File: BG045462.D
Acq: 26 May 2020 18:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 83717
Ion Ratio Lower Upper
152 100
150 149.6 122.4 183.6
115 53.1 44.2 66.4



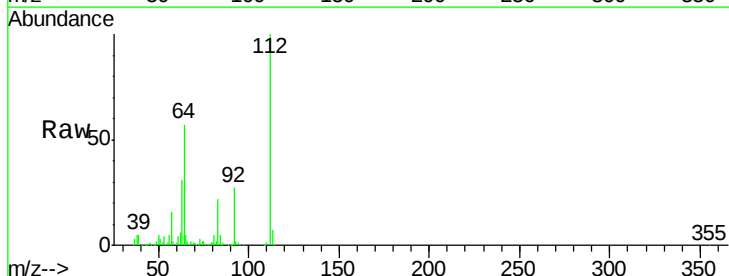
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



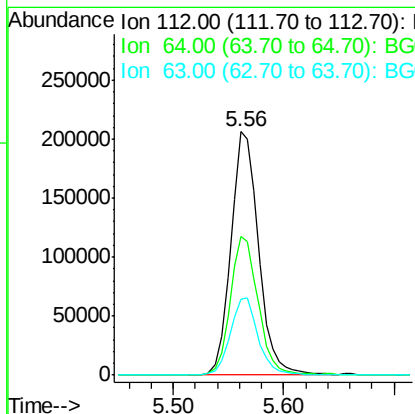
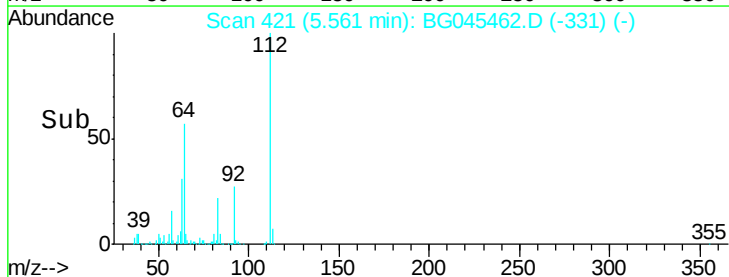
#5

2-Fluorophenol
Concen: 84.951 ng
RT: 5.56 min Scan# 421
Delta R.T. 0.00 min
Lab File: BG045462.D
Acq: 26 May 2020 18:14

Tgt Ion:112 Resp: 363909
Ion Ratio Lower Upper
112 100
64 56.8 48.6 72.8
63 31.0 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: 90.156 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.01 min

Lab File: BG045462.D

Acq: 26 May 2020 18:14

Instrument :

BNA_G

ClientSampleId :

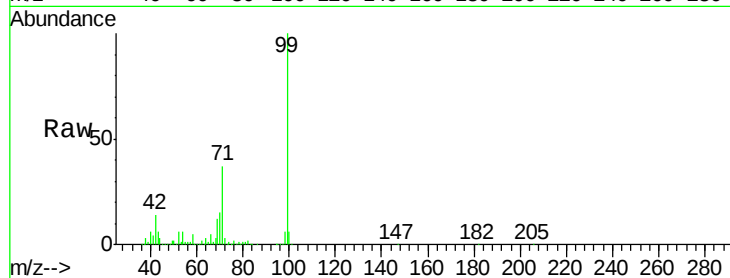
Tot Ion: 99 Resp: 549688

Ion Ratio Lower Upper

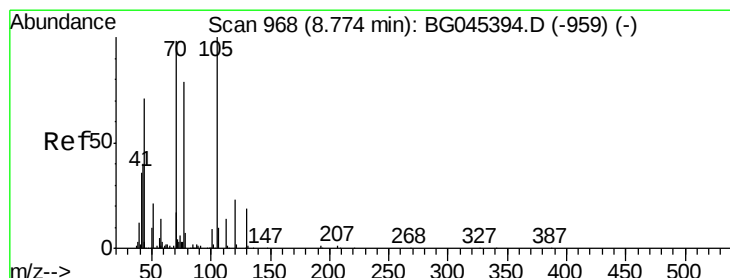
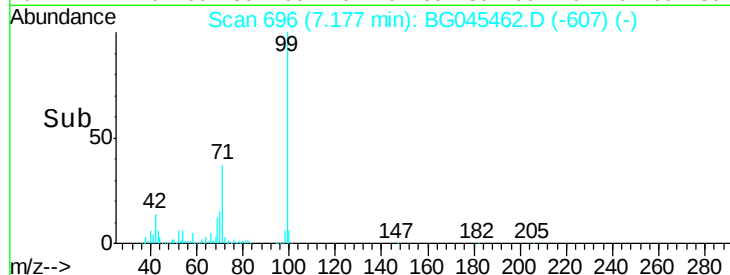
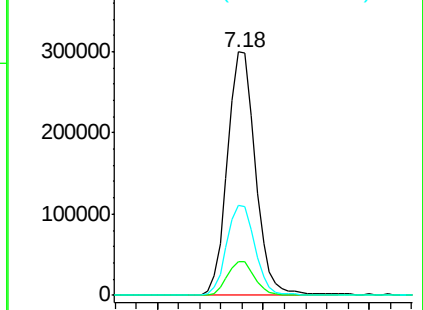
99 100

42 13.8 11.3 16.9

71 36.9 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



#19

n-Nitroso-di-n-propylamine

Concen: 12.302 ng

RT: 9.12 min Scan# 1027

Delta R.T. 0.35 min

Lab File: BG045462.D

Acq: 26 May 2020 18:14

Tgt Ion: 70 Resp: 51868

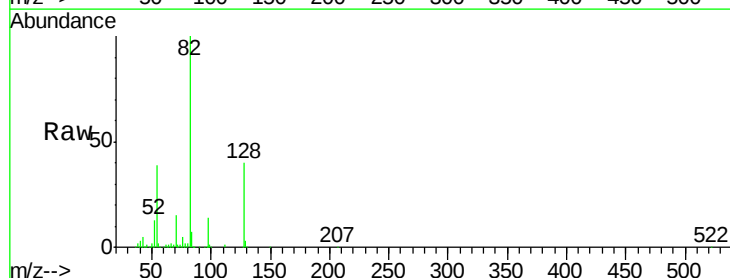
Ion Ratio Lower Upper

70 100

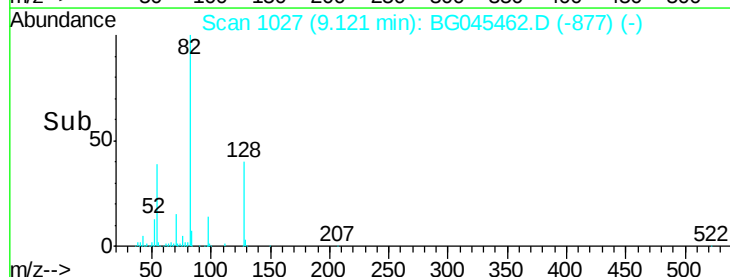
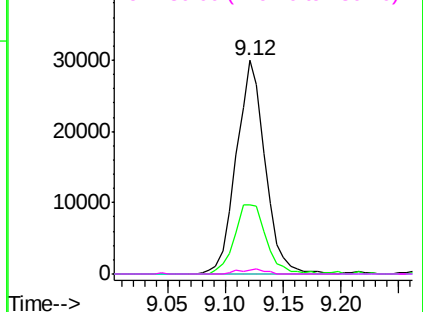
42 32.3 33.2 49.8#

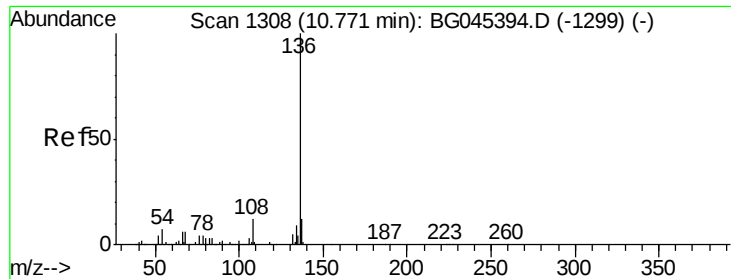
101 0.0 7.8 11.6#

130 1.7 15.4 23.2#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

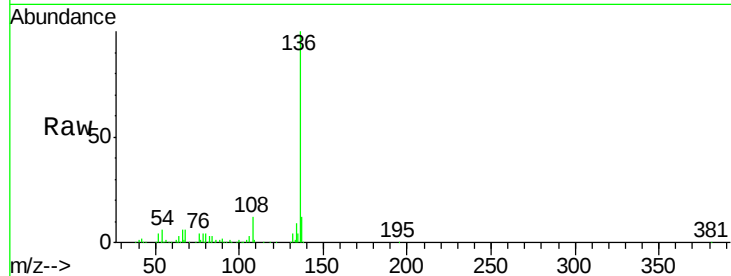




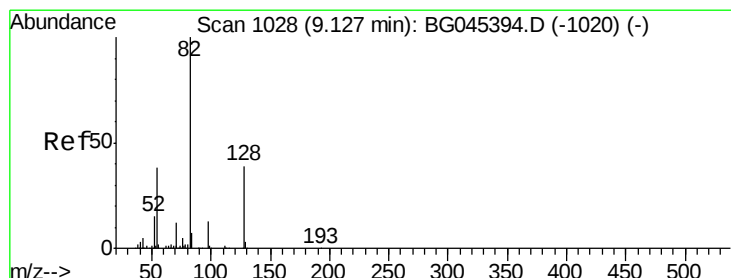
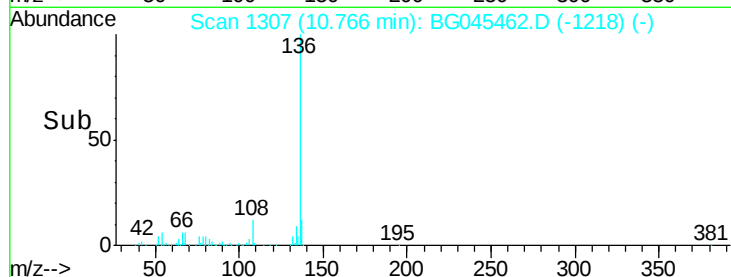
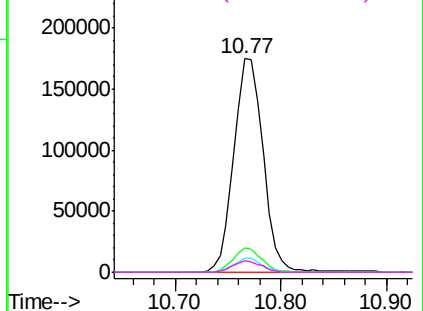
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BG045462.D
Acq: 26 May 2020 18:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	336276	
Ion Ratio	Lower	Upper	
136 100			
137 11.6	9.4	14.2	
54 6.4	5.8	8.6	
68 5.6	4.5	6.7	

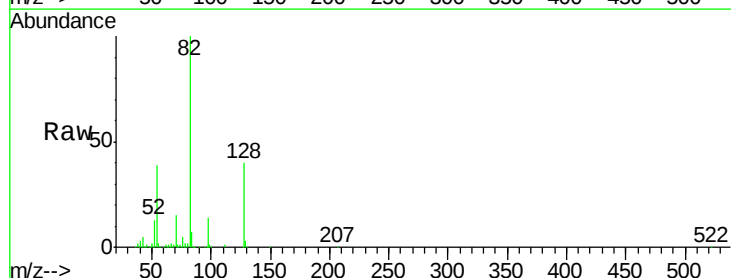


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

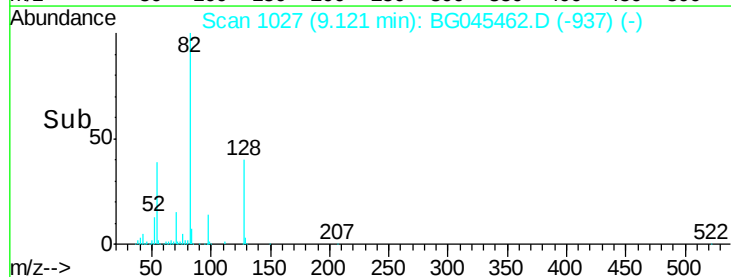
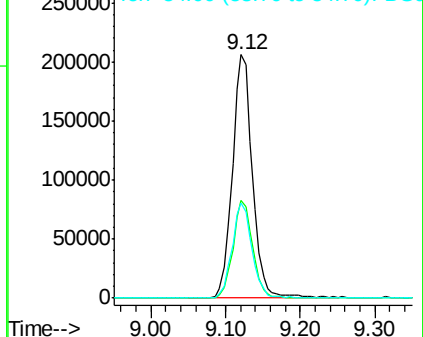


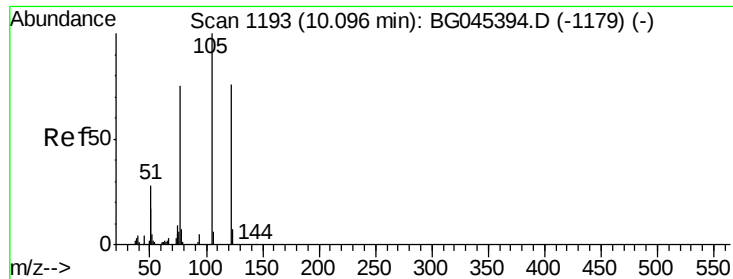
#23
Nitrobenzene-d5
Concen: 62.734 ng
RT: 9.12 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BG045462.D
Acq: 26 May 2020 18:14

Tgt	Ion: 82	Resp:	386860
Ion	Ratio	Lower	Upper
82	100		
128	40.0	30.9	46.3
54	38.9	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





#32

Benzoic acid

Concen: 10.039 ng

RT: 10.34 min Scan# 1235

Delta R.T. 0.19 min

Lab File: BG045462.D

Acq: 26 May 2020 18:14

Instrument :

BNA_G

ClientSampleId :

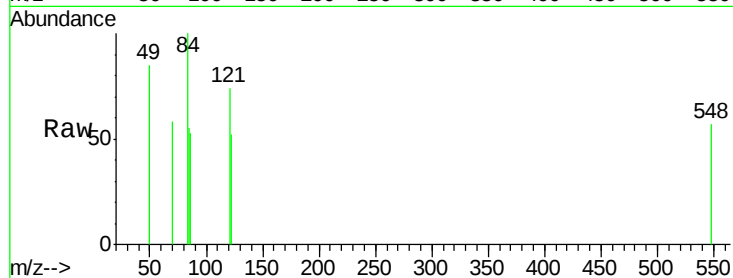
Tot Ion:122 Resp: 59

Ion Ratio Lower Upper

122 100

105 0.0 107.9 147.9#

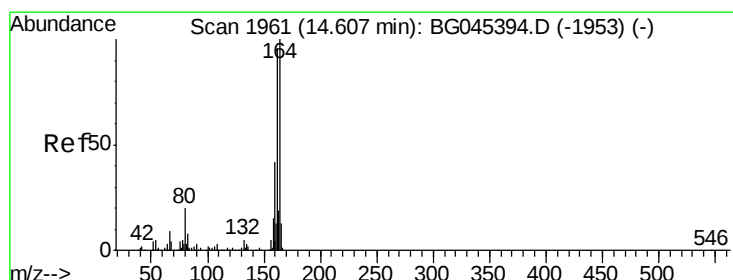
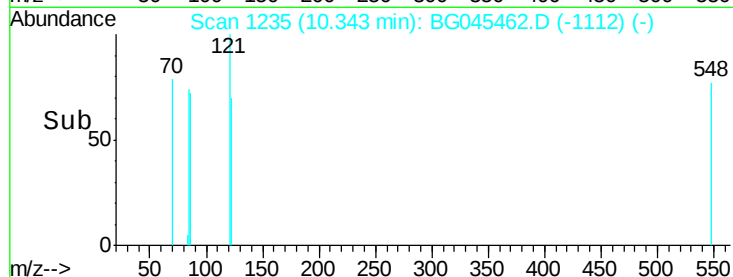
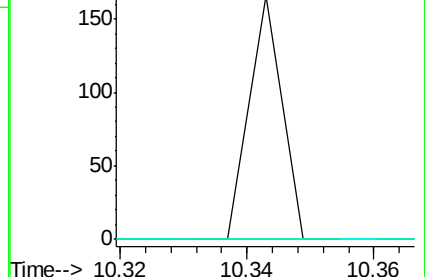
77 0.0 78.9 118.9#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): B



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.60 min Scan# 1960

Delta R.T. -0.01 min

Lab File: BG045462.D

Acq: 26 May 2020 18:14

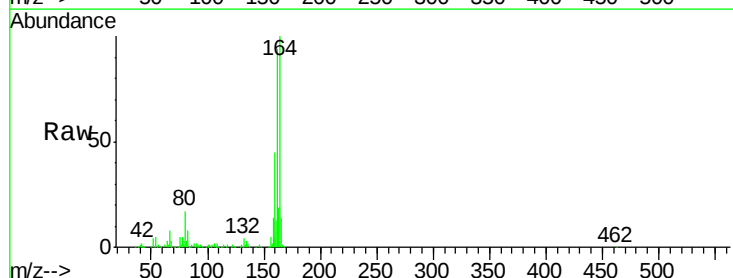
Tgt Ion:164 Resp: 234384

Ion Ratio Lower Upper

164 100

162 94.2 76.9 115.3

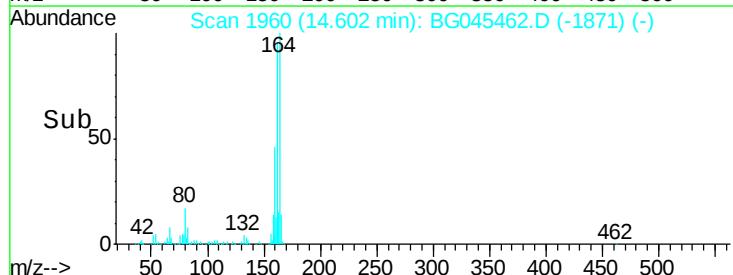
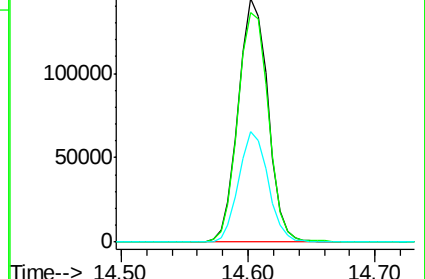
160 45.3 33.8 50.8

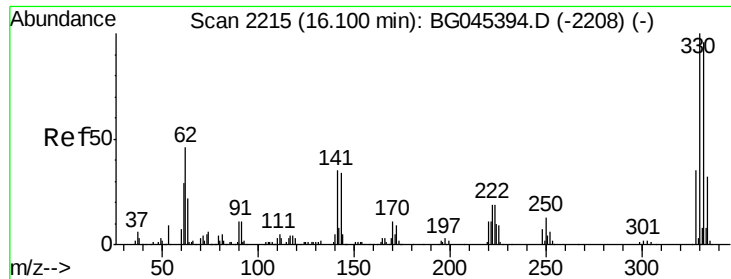


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 97.196 ng

RT: 16.10 min Scan# 2215

Delta R.T. 0.00 min

Lab File: BG045462.D

Acq: 26 May 2020 18:14

Instrument :

BNA_G

ClientSampleId :

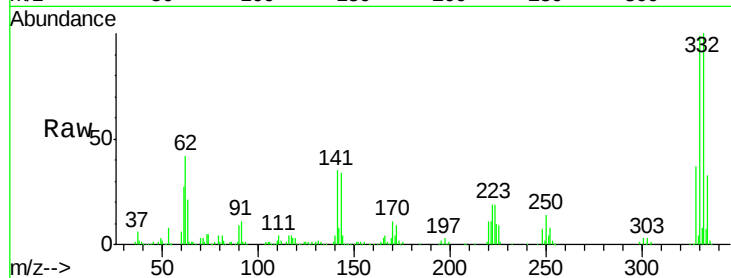
Tot Ion:330 Resp: 291346

Ion Ratio Lower Upper

330 100

332 97.8 78.2 117.4

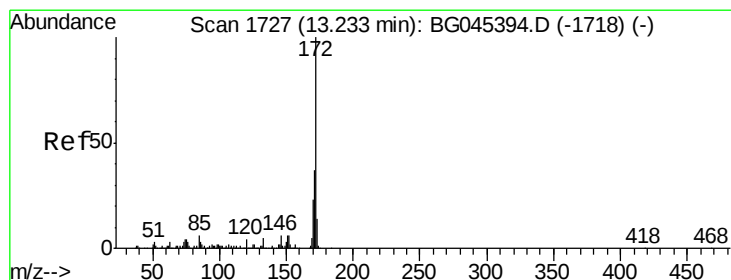
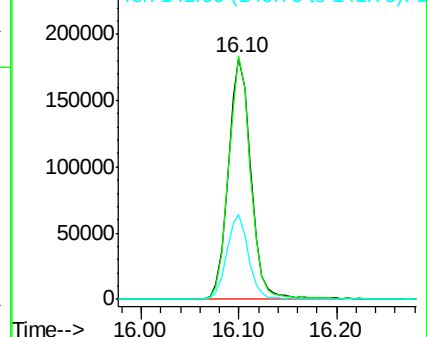
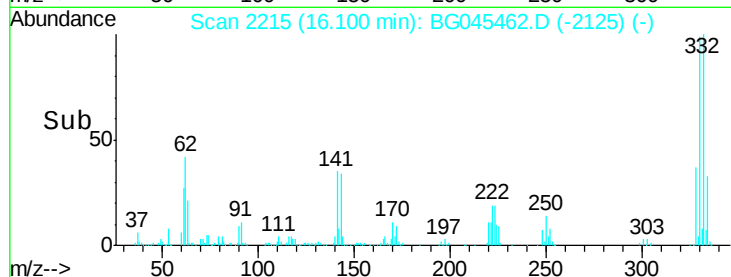
141 33.9 28.2 42.4



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: 68.827 ng

RT: 13.23 min Scan# 1726

Delta R.T. 0.00 min

Lab File: BG045462.D

Acq: 26 May 2020 18:14

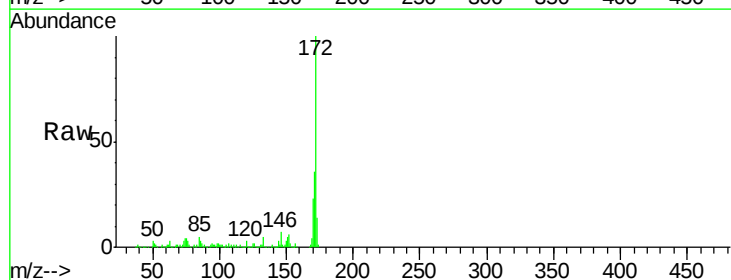
Tgt Ion:172 Resp: 951057

Ion Ratio Lower Upper

172 100

171 36.0 29.5 44.3

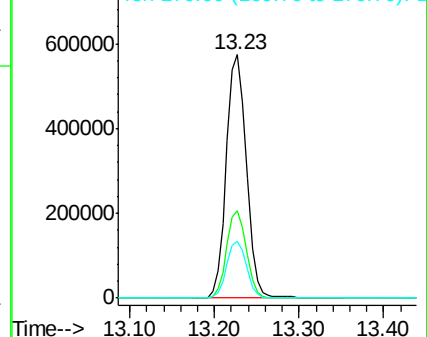
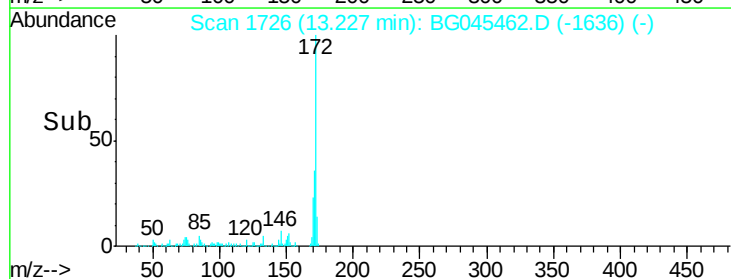
170 23.2 18.5 27.7

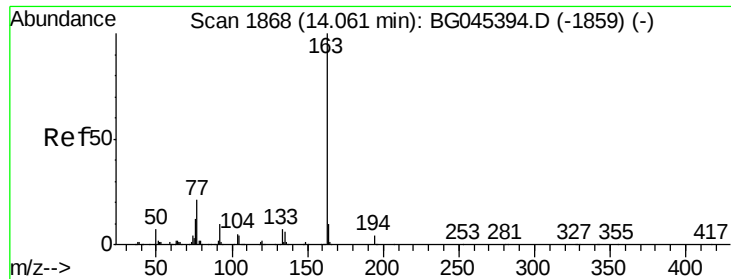


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 5.958 ng

RT: 14.06 min Scan# 1867

Delta R.T. -0.01 min

Lab File: BG045462.D

Acq: 26 May 2020 18:14

Instrument :

BNA_G

ClientSampleId :

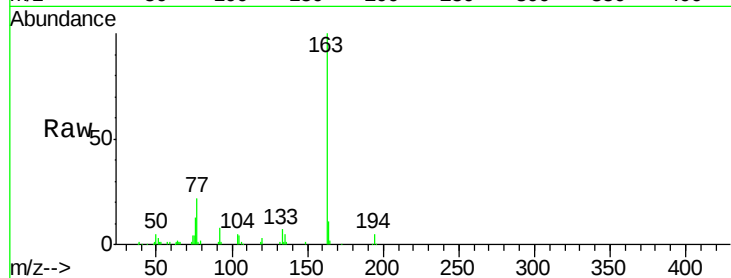
Tot Ion:163 Resp: 95799

Ion Ratio Lower Upper

163 100

194 4.6 3.2 4.8

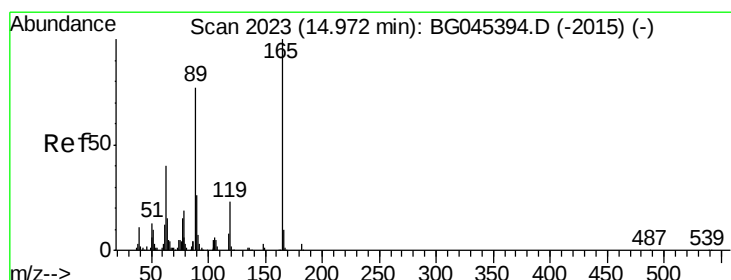
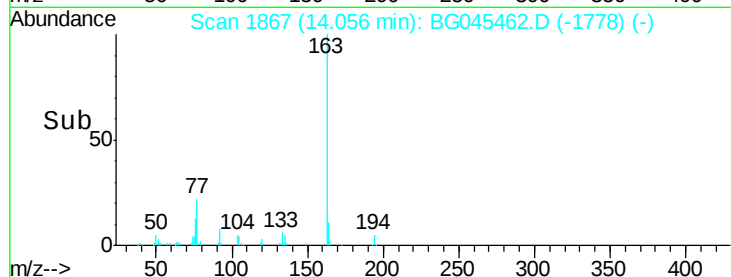
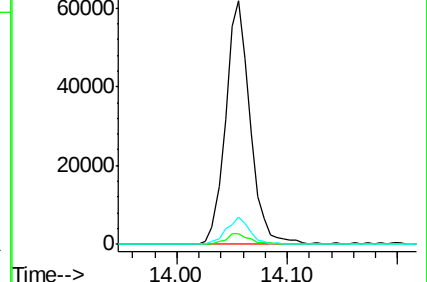
164 11.4 8.3 12.5



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



#57

2,4-Dinitrotoluene

Concen: 6.069 ng

RT: 14.60 min Scan# 1960

Delta R.T. -0.36 min

Lab File: BG045462.D

Acq: 26 May 2020 18:14

Tgt Ion:165 Resp: 31887

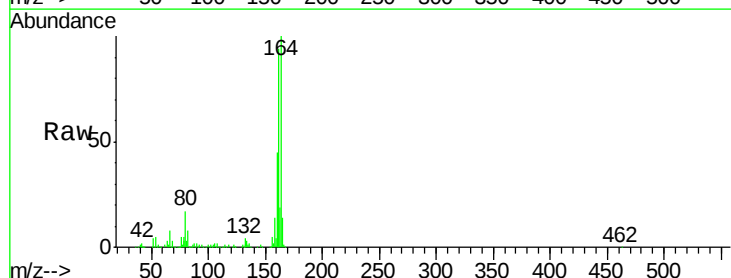
Ion Ratio Lower Upper

165 100

63 0.0 32.5 48.7#

89 1.4 61.8 92.6#

182 0.0 2.3 3.5#

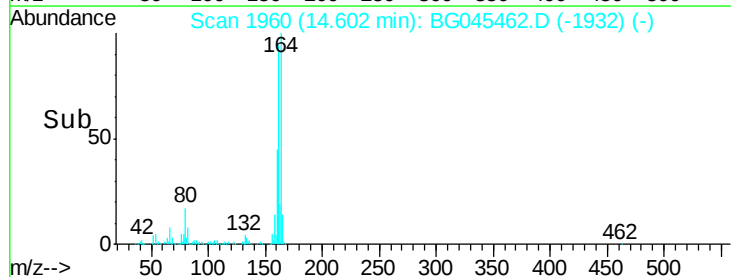
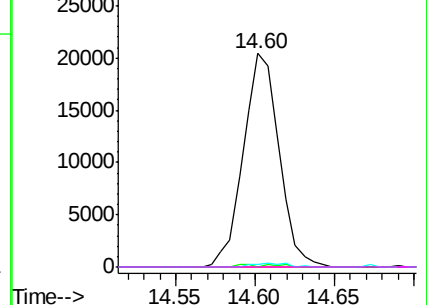


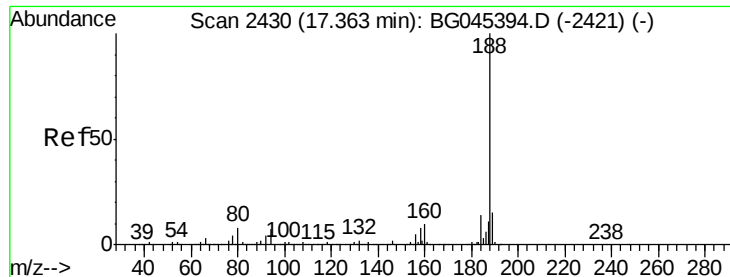
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.35 min Scan# 2428

Delta R.T. 0.00 min

Lab File: BG045462.D

Acq: 26 May 2020 18:14

Instrument :

BNA_G

ClientSampleId :

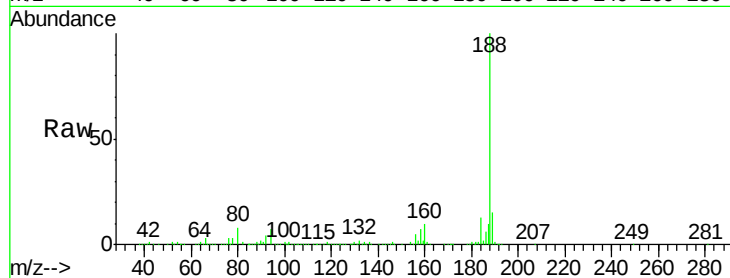
Tot Ion:188 Resp: 532508

Ion Ratio Lower Upper

188 100

94 6.8 5.5 8.3

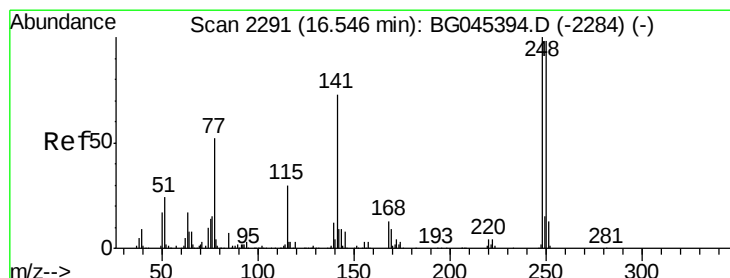
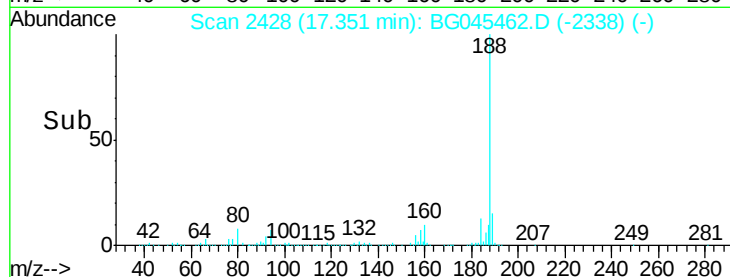
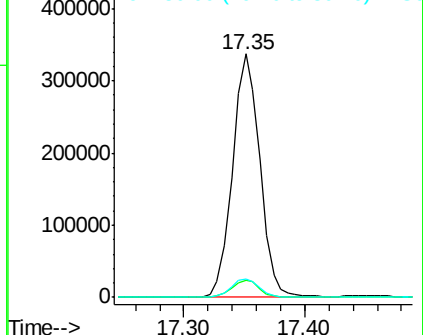
80 7.8 6.6 10.0



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



#67

4-Bromophenyl-phenylether

Concen: 3.181 ng

RT: 16.10 min Scan# 2215

Delta R.T. -0.44 min

Lab File: BG045462.D

Acq: 26 May 2020 18:14

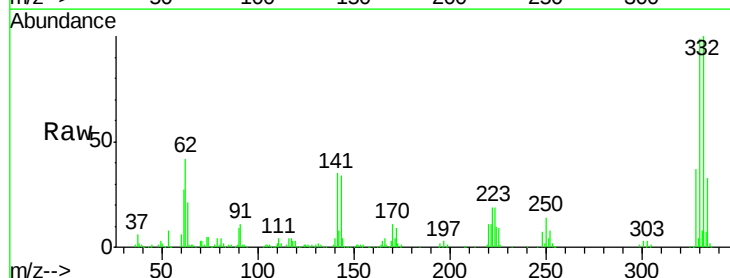
Tgt Ion:248 Resp: 18345

Ion Ratio Lower Upper

248 100

250 218.4 78.6 117.8#

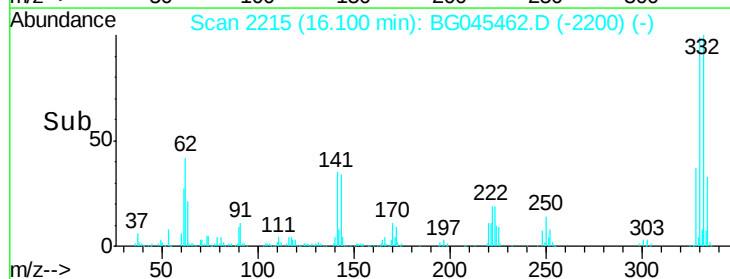
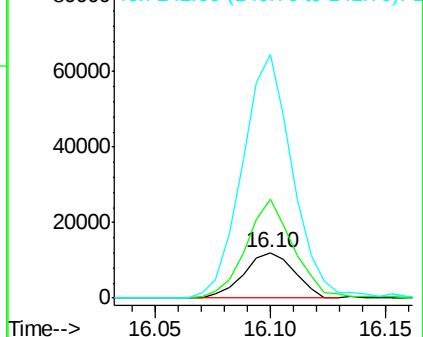
141 538.4 58.2 87.2#

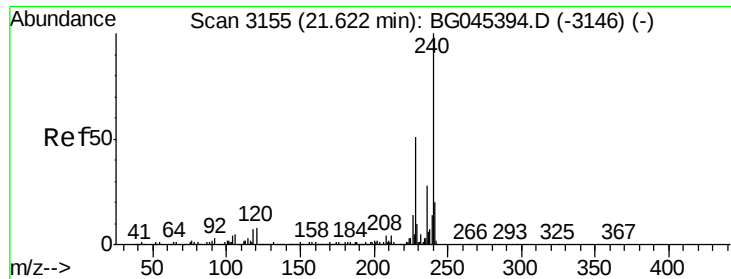


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

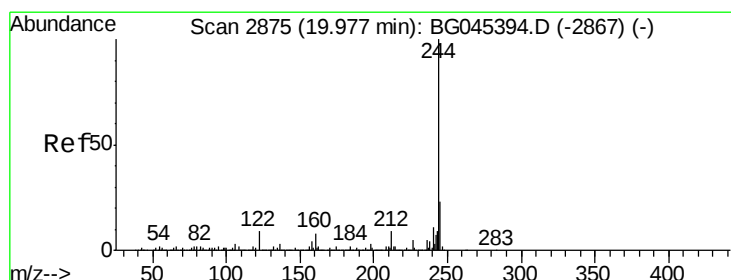
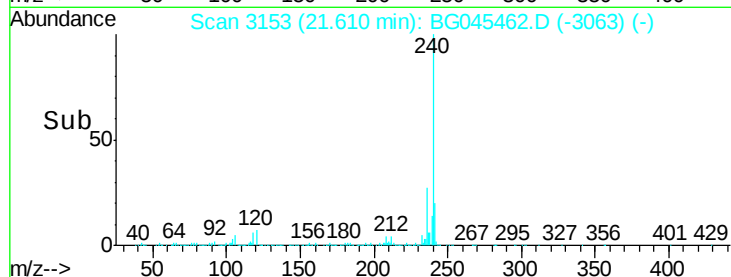
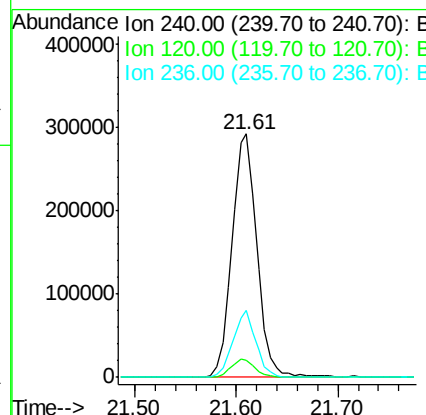
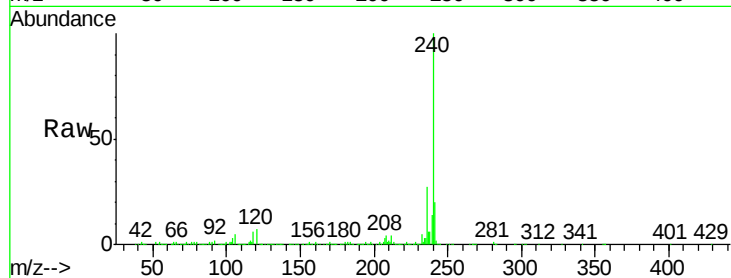




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.61 min Scan# 3153
Delta R.T. 0.00 min
Lab File: BG045462.D
Acq: 26 May 2020 18:14

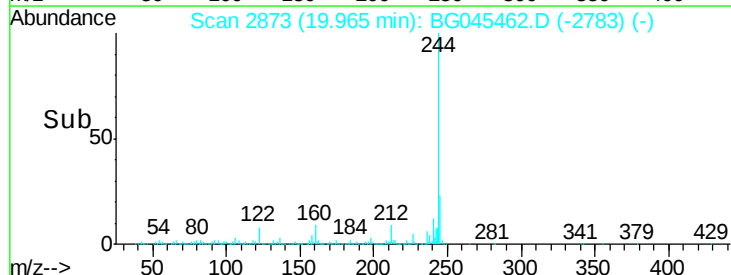
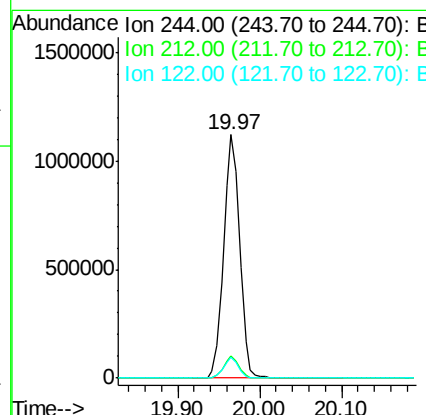
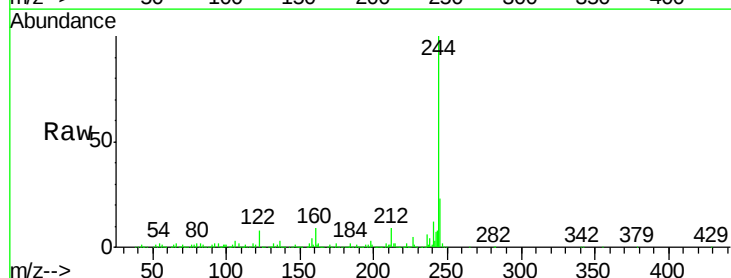
Instrument :
BNA_G
ClientSampleId :

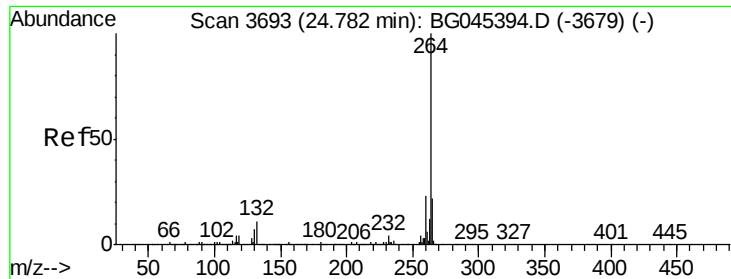
Tot Ion:240 Resp: 497099
Ion Ratio Lower Upper
240 100
120 7.1 6.1 9.1
236 27.3 22.3 33.5



#79
Terphenyl-d14
Concen: 72.074 ng
RT: 19.97 min Scan# 2873
Delta R.T. 0.00 min
Lab File: BG045462.D
Acq: 26 May 2020 18:14

Tgt Ion:244 Resp: 1536157
Ion Ratio Lower Upper
244 100
212 9.3 7.4 11.0
122 8.5 6.8 10.2





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.76 min Scan# 3689
Delta R.T. 0.00 min
Lab File: BG045462.D
Acq: 26 May 2020 18:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.2	27.4
265	22.7	17.6	26.4

