

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060820\
 Data File : BG045649.D
 Acq On : 8 Jun 2020 19:36
 Operator : CG/JU
 Sample : L2886-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLAB-1

Quant Time: Jun 09 00:49:57 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

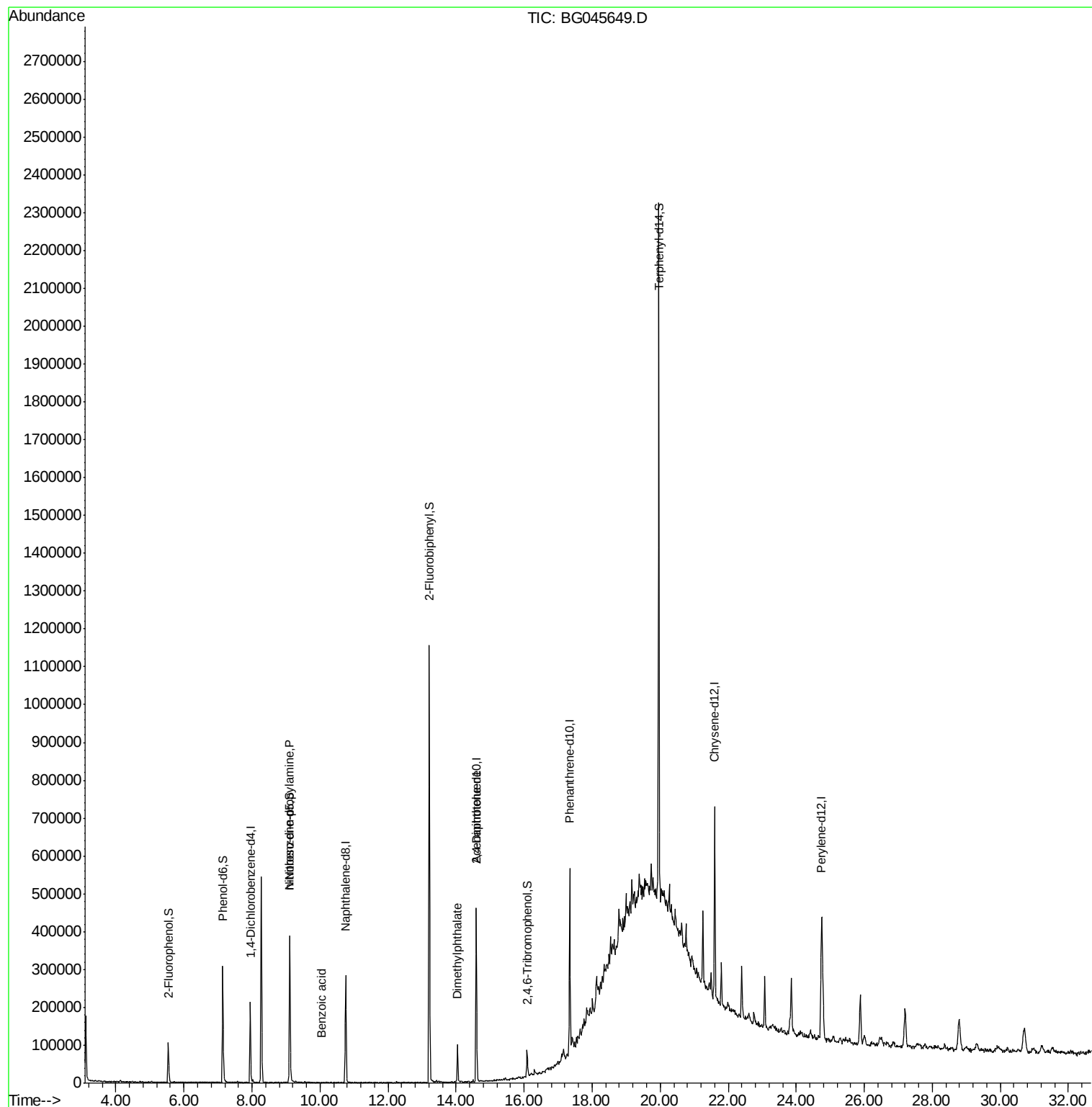
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	64269	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	254805	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	172932	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	353473	20.00	ng	0.00
76) Chrysene-d12	21.60	240	338241	20.00	ng	0.00
87) Perylene-d12	24.75	264	360477	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	53564	16.29	ng	0.00
7) Phenol-d6	7.14	99	215230	45.98	ng	0.00
23) Nitrobenzene-d5	9.11	82	274009	58.64	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	14822	6.70	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	633008	62.09	ng	0.00
79) Terphenyl-d14	19.96	244	876282	60.42	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.11	70	38058	11.758	ng	Qvalue # 81
32) Benzoic acid	10.05	122	82	10.052	ng	# 1
50) Dimethylphthalate	14.04	163	68954	5.813	ng	97
57) 2,4-Dinitrotoluene	14.59	165	23023	5.939	ng	# 22

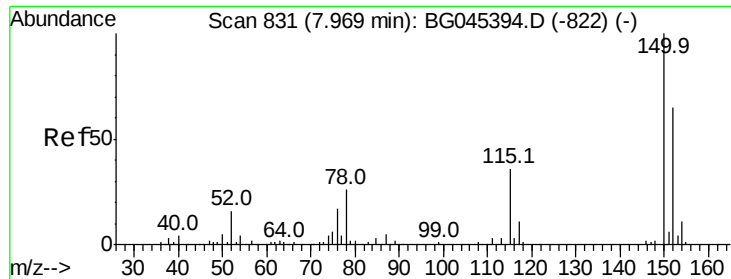
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG045649.D

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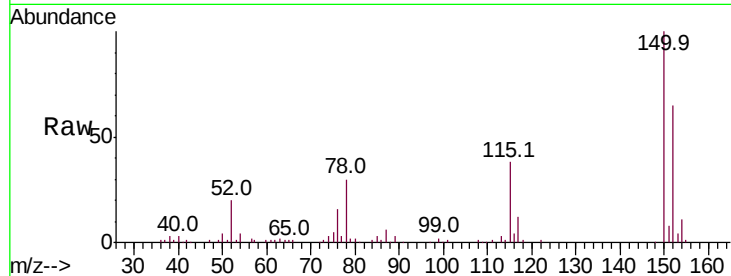
Tot Ion:152 Resp: 64269

Ion Ratio Lower Upper

152 100

150 154.8 122.4 183.6

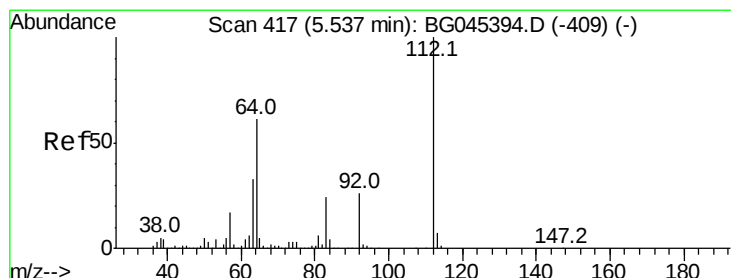
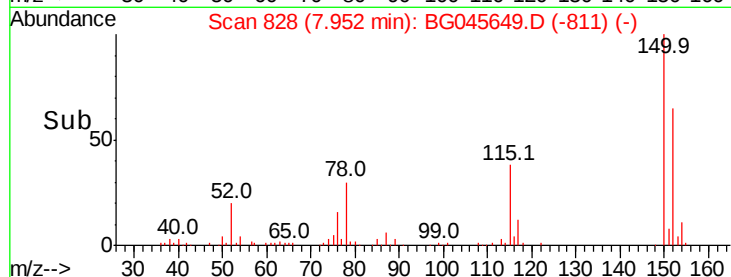
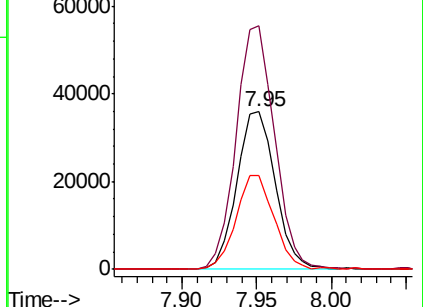
115 59.5 44.2 66.4



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: 16.288 ng

RT: 5.54 min Scan# 417

Delta R.T. 0.00 min

Lab File: BG045649.D

Acq: 8 Jun 2020 19:36

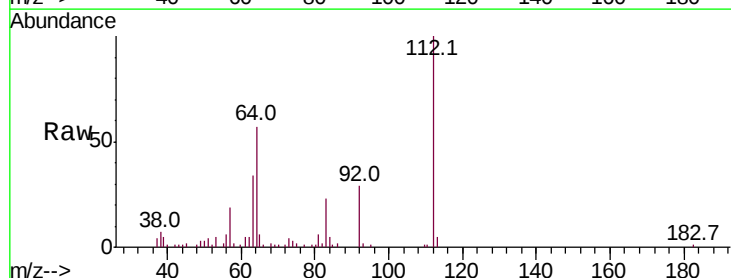
Tgt Ion:112 Resp: 53564

Ion Ratio Lower Upper

112 100

64 57.2 48.6 72.8

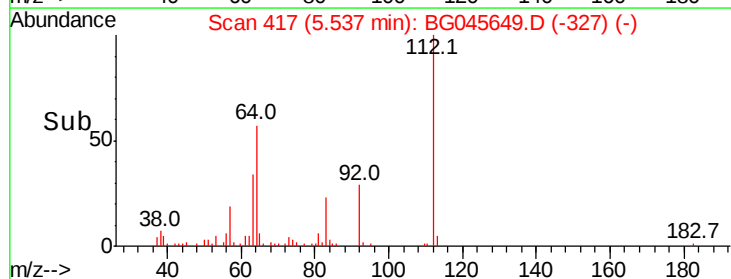
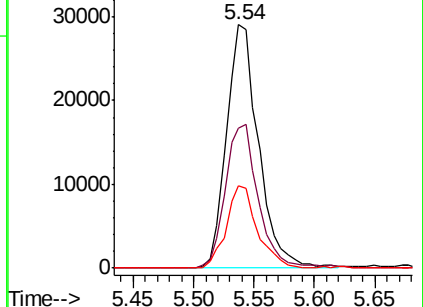
63 33.6 26.5 39.7

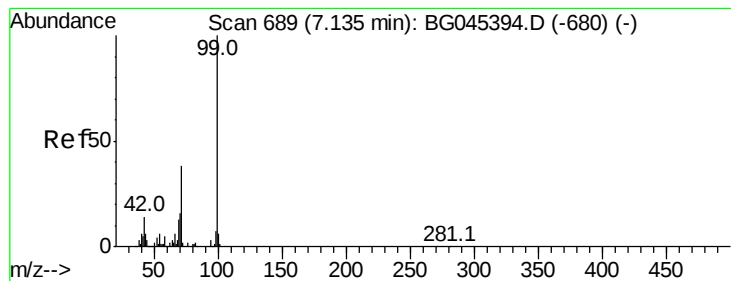


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 45.983 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.01 min

Lab File: BG045649.D

Acq: 8 Jun 2020 19:36

Instrument :

BNA_G

ClientSampleId :

SLAB-1

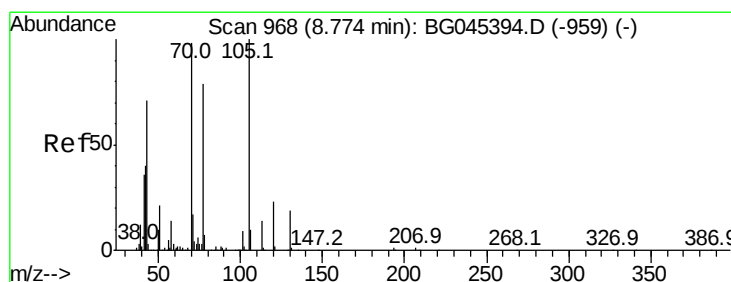
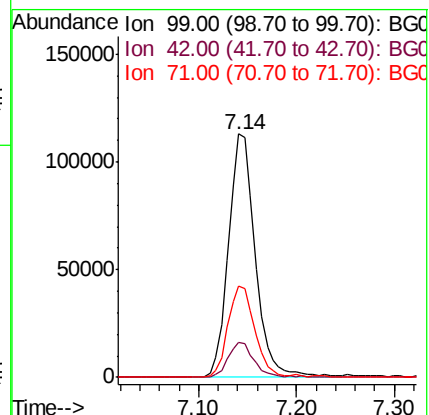
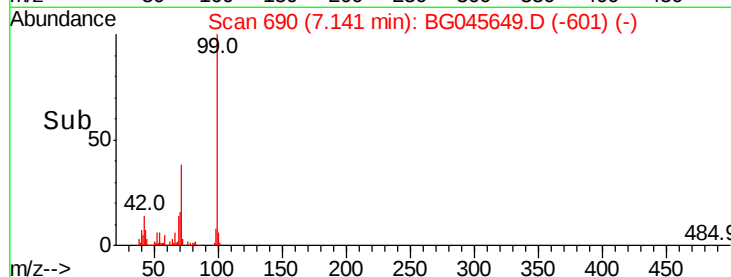
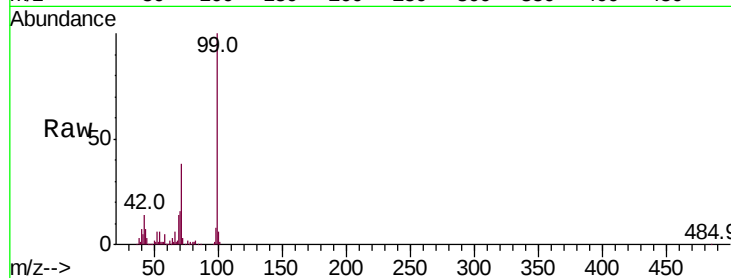
Tot Ion: 99 Resp: 215230

Ion Ratio Lower Upper

99 100

42 14.4 11.3 16.9

71 37.7 30.8 46.2



#19

n-Nitroso-di-n-propylamine

Concen: 11.758 ng

RT: 9.11 min Scan# 1025

Delta R.T. 0.35 min

Lab File: BG045649.D

Acq: 8 Jun 2020 19:36

Tgt Ion: 70 Resp: 38058

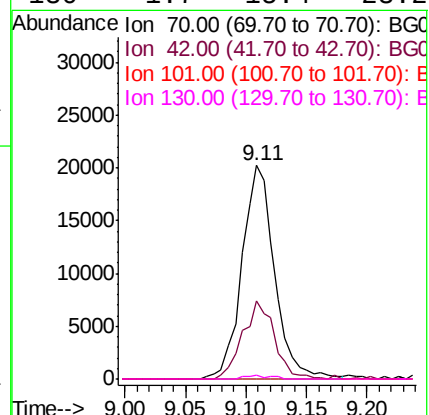
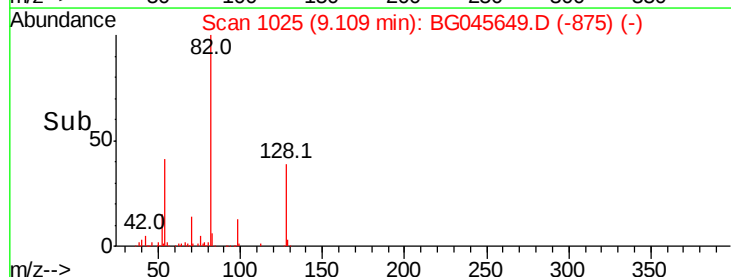
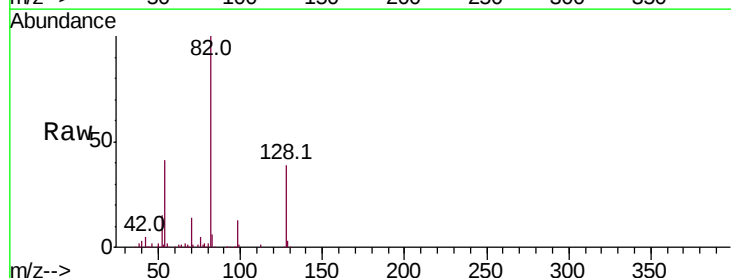
Ion Ratio Lower Upper

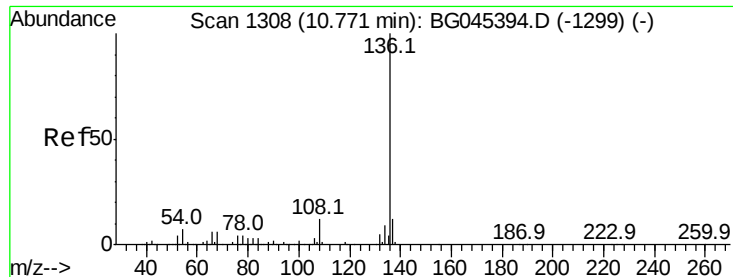
70 100

42 36.3 33.2 49.8

101 0.0 7.8 11.6#

130 1.7 15.4 23.2#

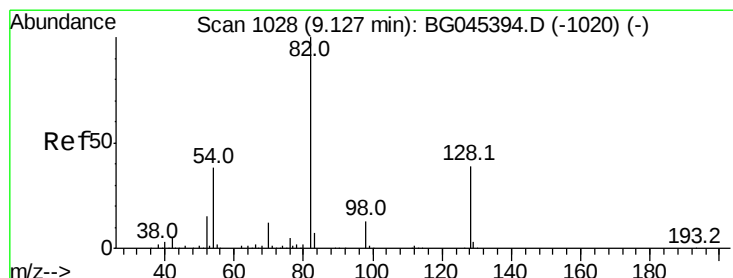
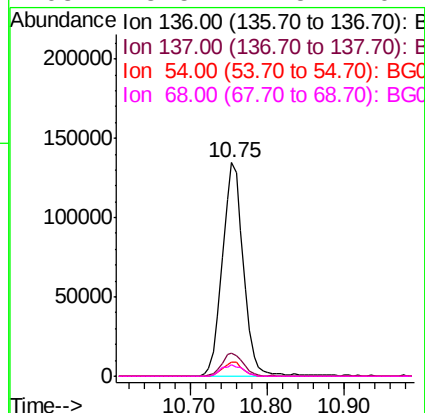
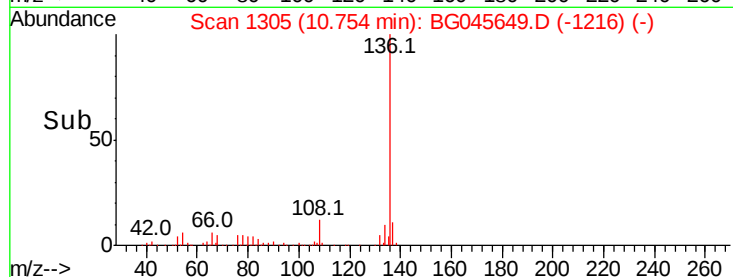
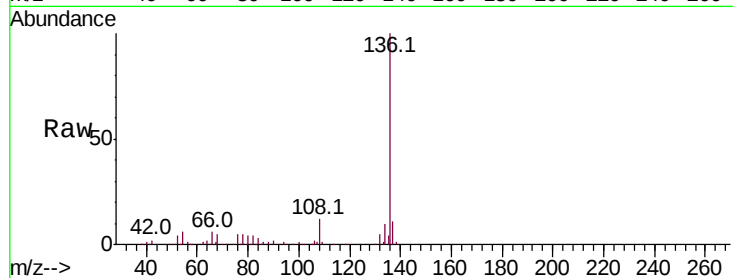




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BG045649.D
Acq: 8 Jun 2020 19:36

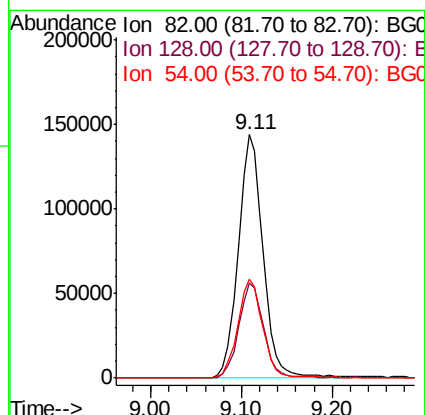
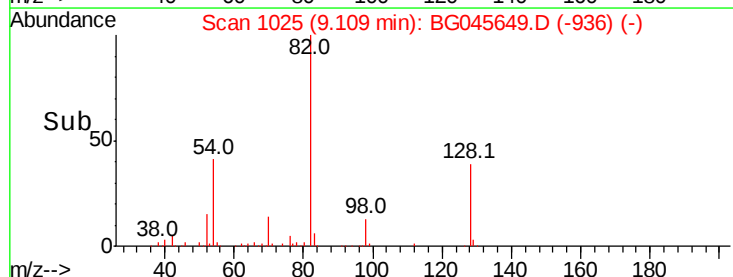
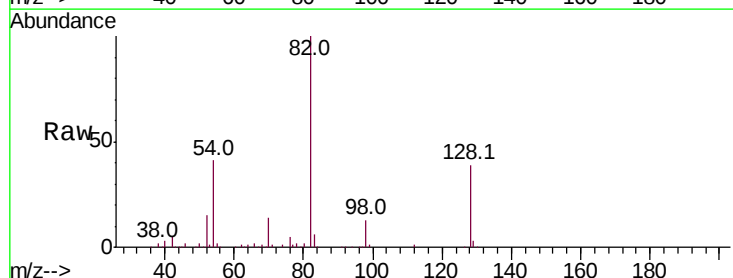
Instrument :
BNA_G
ClientSampleId :
SLAB-1

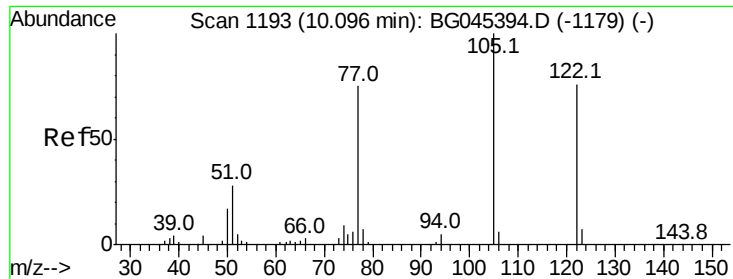
Tot Ion:	136	Resp:	254805
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.4	14.2
54	6.4	5.8	8.6
68	5.5	4.5	6.7



#23
Nitrobenzene-d5
Concen: 58.641 ng
RT: 9.11 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BG045649.D
Acq: 8 Jun 2020 19:36

Tgt Ion:	82	Resp:	274009
Ion	Ratio	Lower	Upper
82	100		
128	39.2	30.9	46.3
54	40.6	30.3	45.5

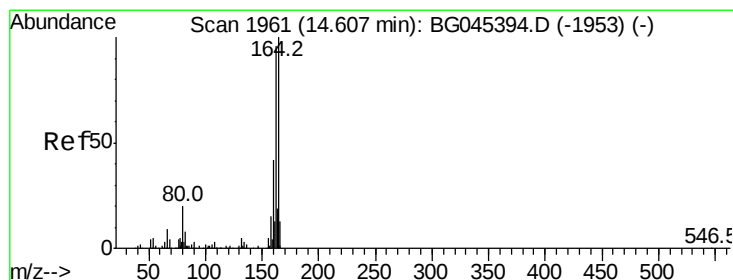
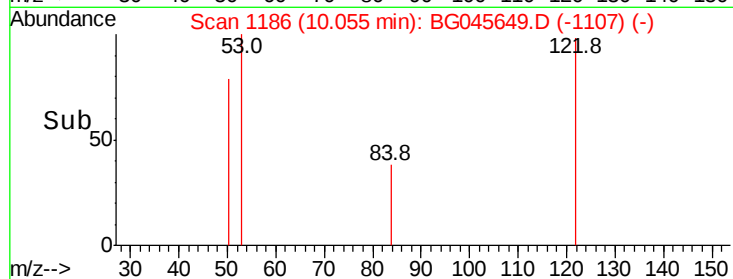
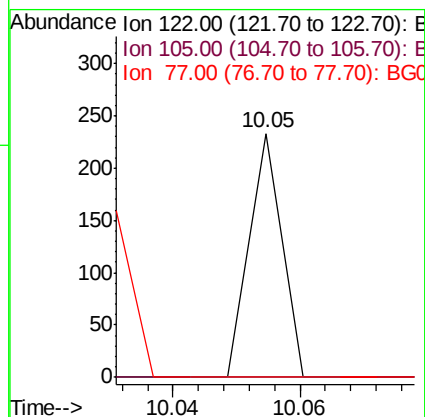
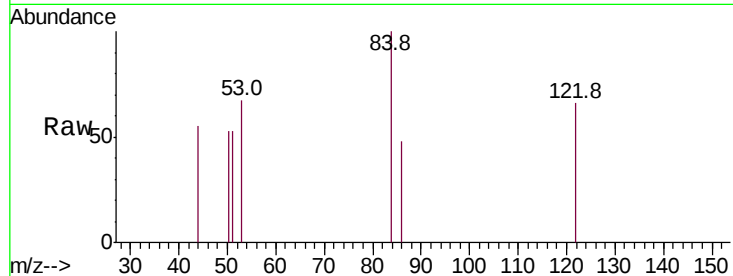




#32
Benzoic acid
Concen: 10.052 ng
RT: 10.05 min Scan# 1186
Delta R.T. -0.06 min
Lab File: BG045649.D
Acq: 8 Jun 2020 19:36

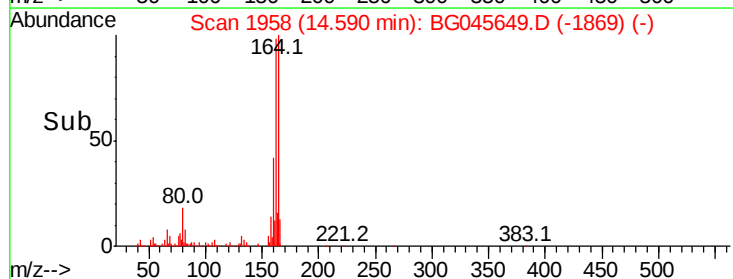
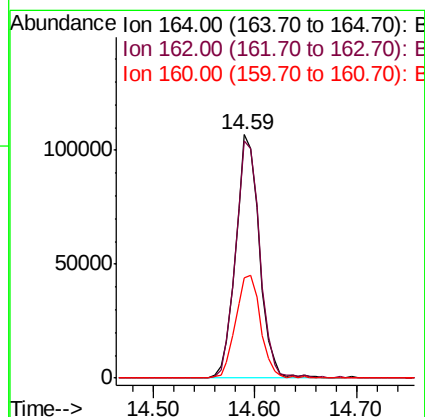
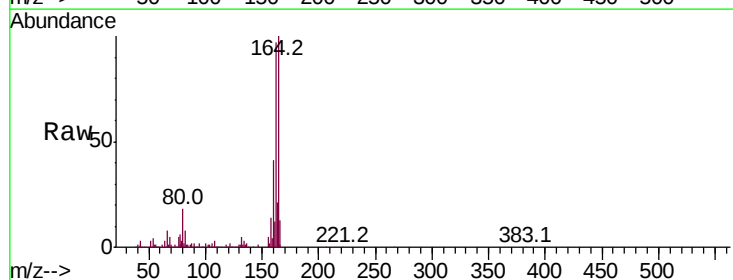
Instrument :
BNA_G
ClientSampleId :
SLAB-1

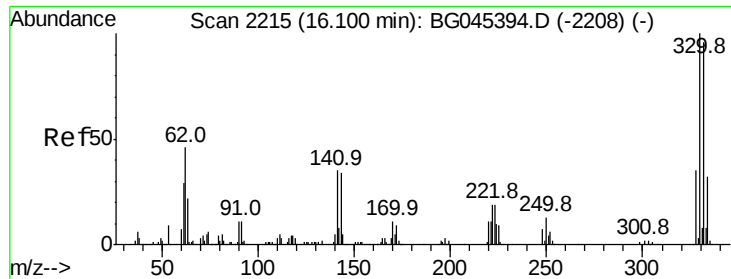
Tot Ion:122 Resp: 82
Ion Ratio Lower Upper
122 100
105 0.0 107.9 147.9#
77 0.0 78.9 118.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.59 min Scan# 1958
Delta R.T. -0.01 min
Lab File: BG045649.D
Acq: 8 Jun 2020 19:36

Tgt Ion:164 Resp: 172932
Ion Ratio Lower Upper
164 100
162 97.2 76.9 115.3
160 41.4 33.8 50.8

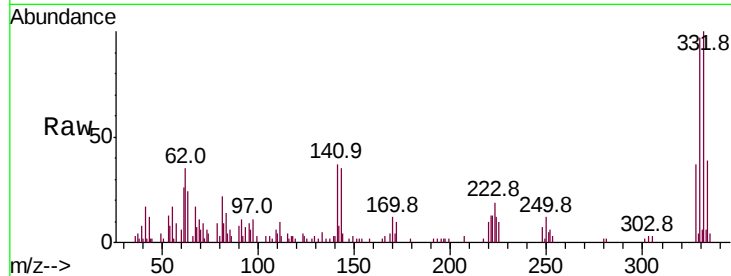




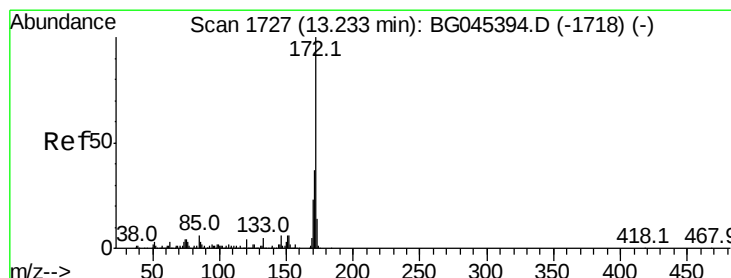
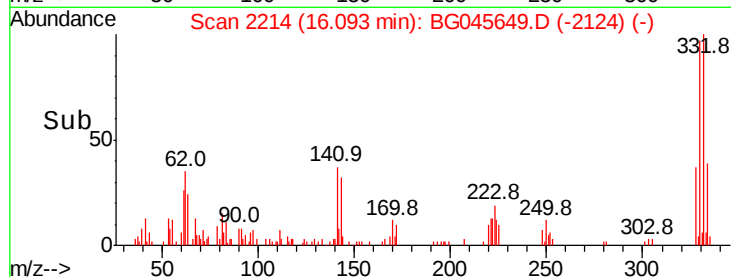
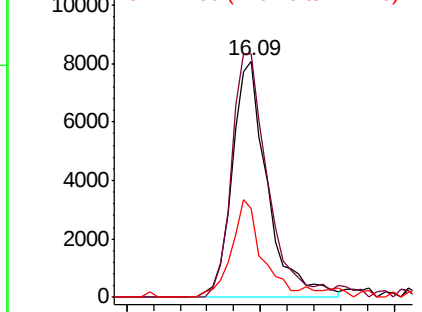
#42
 2,4,6-Tribromophenol
 Concen: 6.702 ng
 RT: 16.09 min Scan# 2214
 Delta R.T. 0.00 min
 Lab File: BG045649.D
 Acq: 8 Jun 2020 19:36

Instrument :
 BNA_G
 ClientSampleId :
 SLAB-1

Tot Ion:330 Resp: 14822
 Ion Ratio Lower Upper
 330 100
 332 105.3 78.2 117.4
 141 36.0 28.2 42.4

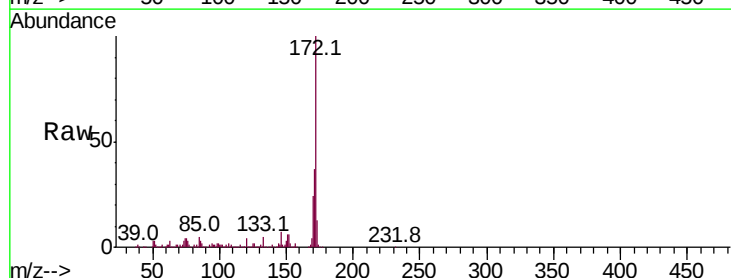


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

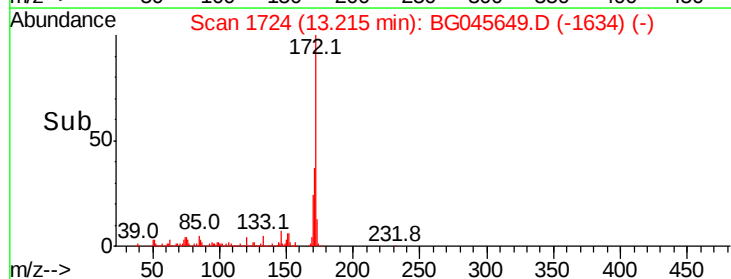
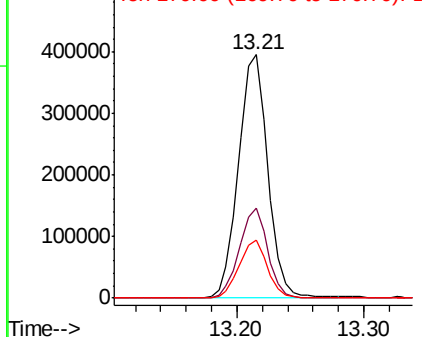


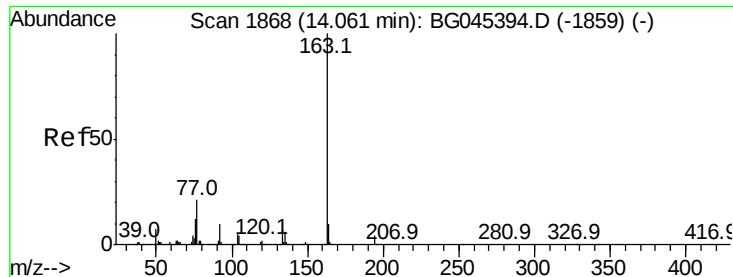
#45
 2-Fluorobiphenyl
 Concen: 62.089 ng
 RT: 13.21 min Scan# 1724
 Delta R.T. 0.00 min
 Lab File: BG045649.D
 Acq: 8 Jun 2020 19:36

Tgt Ion:172 Resp: 633008
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.5 44.3
 170 23.8 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: 5.813 ng

RT: 14.04 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BG045649.D

Acq: 8 Jun 2020 19:36

Instrument :

BNA_G

ClientSampleId :

SLAB-1

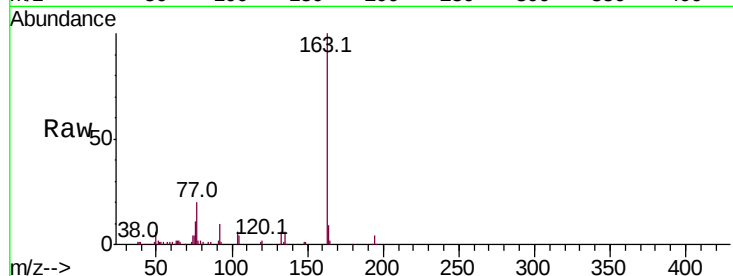
Tot Ion:163 Resp: 68954

Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

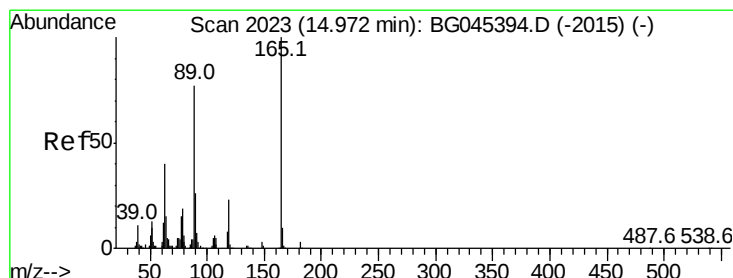
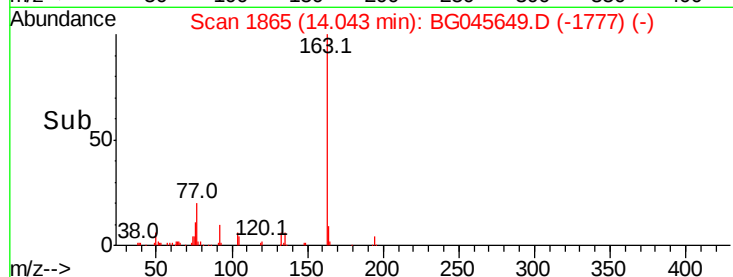
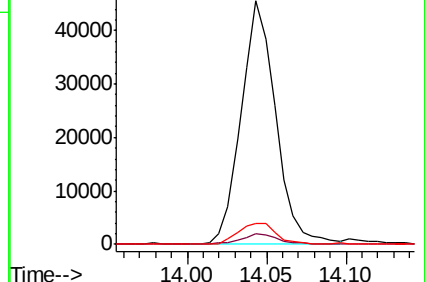
164 8.8 8.3 12.5



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: 5.939 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.37 min

Lab File: BG045649.D

Acq: 8 Jun 2020 19:36

Tgt Ion:165 Resp: 23023

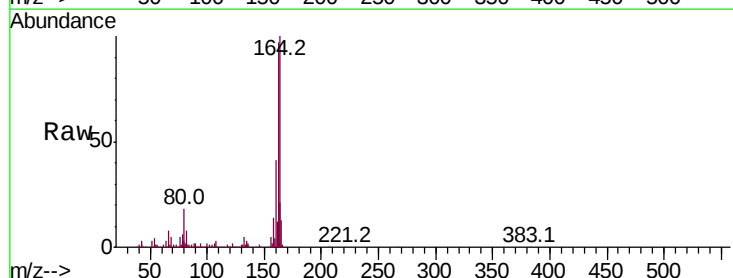
Ion Ratio Lower Upper

165 100

63 0.0 32.5 48.7#

89 1.7 61.8 92.6#

182 0.0 2.3 3.5#

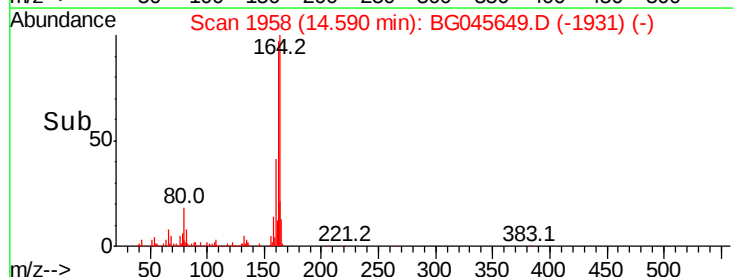
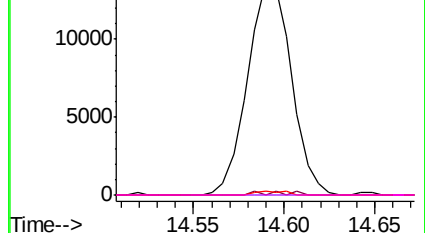


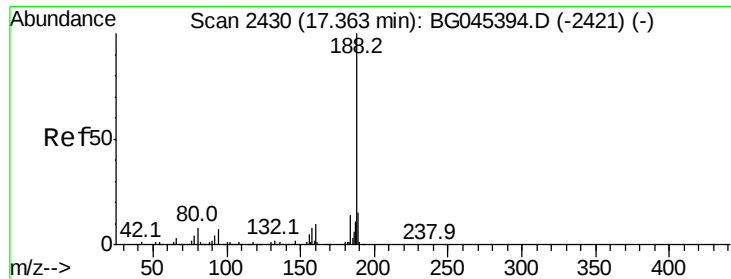
Abundance Ion 165.00 (164.70 to 165.70): E

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: 17.34 min Scan# 2427

Delta R.T. 0.00 min

Lab File: BG045649.D

Acq: 8 Jun 2020 19:36

Instrument :

BNA_G

ClientSampled :

SLAB-1

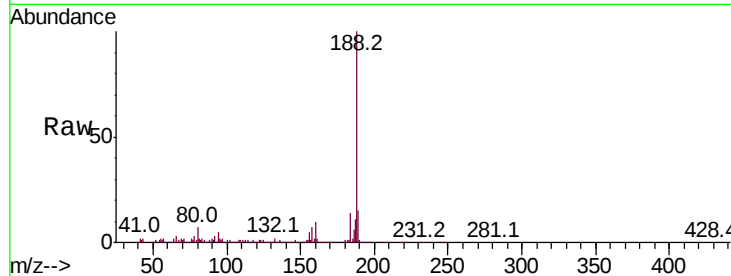
Tot Ion:188 Resp: 353473

Ion Ratio Lower Upper

188 100

94 5.2 5.5 8.3#

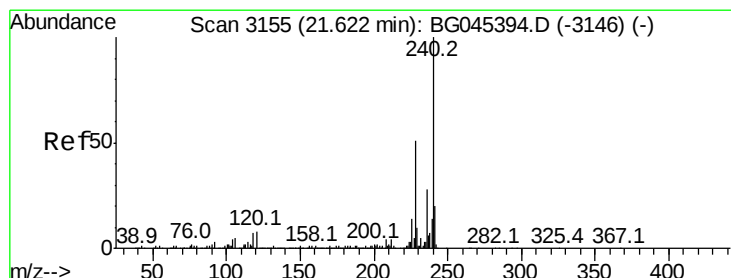
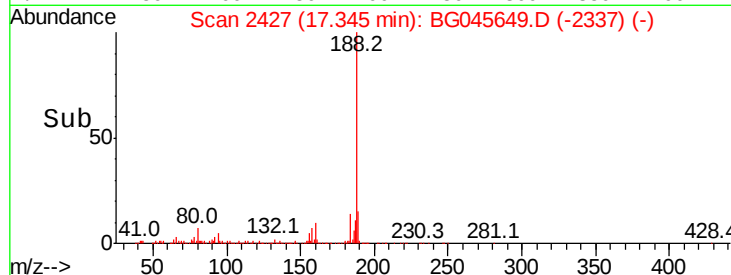
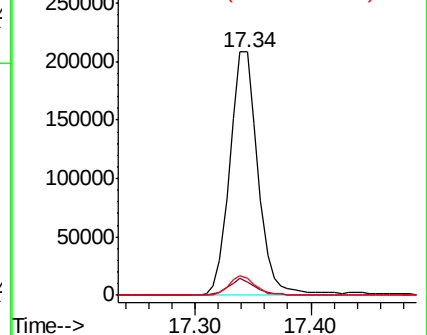
80 6.7 6.6 10.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.60 min Scan# 3152

Delta R.T. 0.00 min

Lab File: BG045649.D

Acq: 8 Jun 2020 19:36

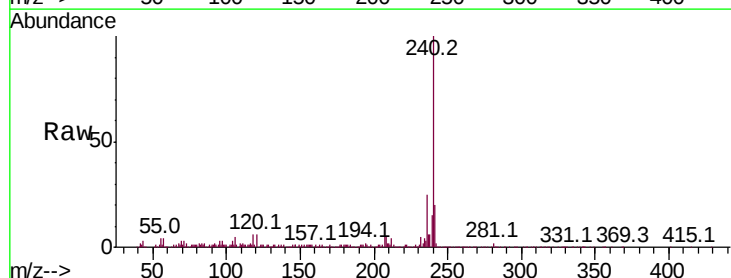
Tgt Ion:240 Resp: 338241

Ion Ratio Lower Upper

240 100

120 6.2 6.1 9.1

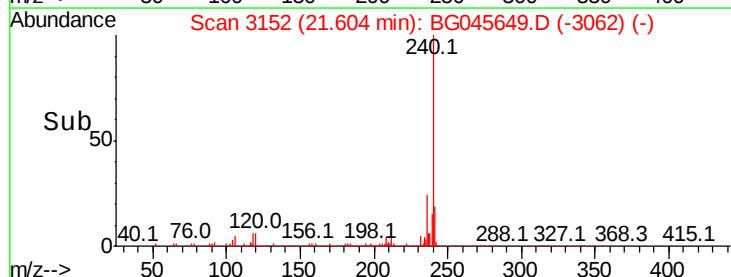
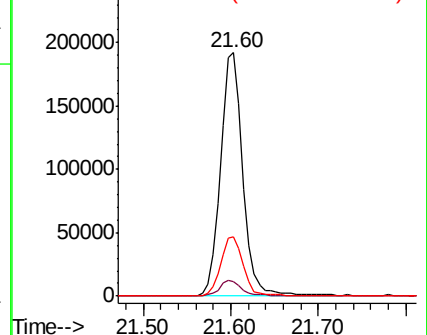
236 24.5 22.3 33.5

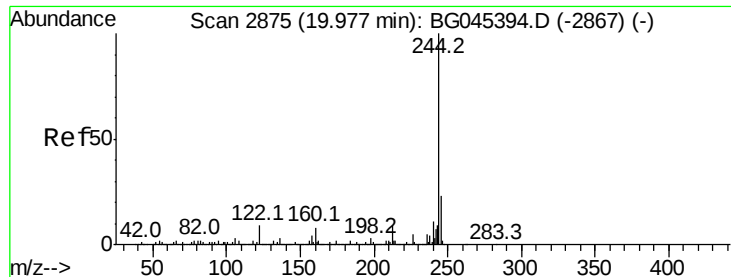


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 60.423 ng

RT: 19.96 min Scan# 2872

Delta R.T. 0.00 min

Lab File: BG045649.D

Acq: 8 Jun 2020 19:36

Instrument :

BNA_G

ClientSampleId :

SLAB-1

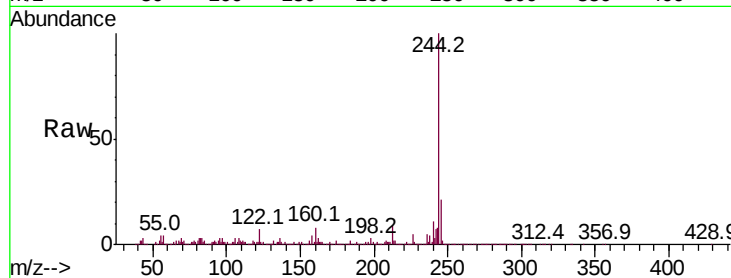
Tot Ion:244 Resp: 876282

Ion Ratio Lower Upper

244 100

212 8.6 7.4 11.0

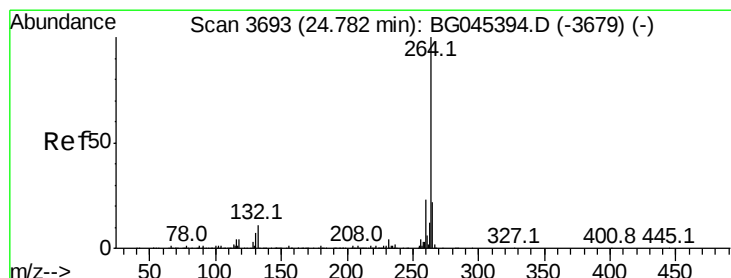
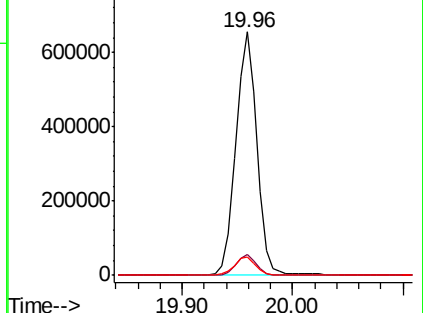
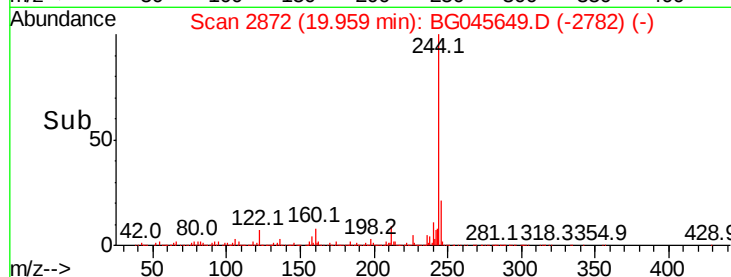
122 7.5 6.8 10.2



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: 24.75 min Scan# 3687

Delta R.T. -0.01 min

Lab File: BG045649.D

Acq: 8 Jun 2020 19:36

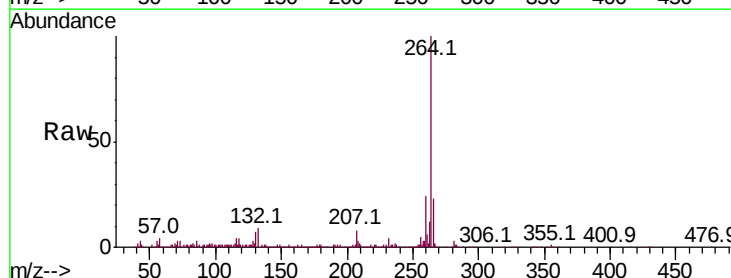
Tgt Ion:264 Resp: 360477

Ion Ratio Lower Upper

264 100

260 24.0 18.2 27.4

265 22.9 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

