

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG050720\
 Data File : BG045267.D
 Acq On : 7 May 2020 13:23
 Operator : CG/JU
 Sample : PB128702BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB128702BL

Quant Time: May 07 13:59:37 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 07 12:51:10 2020
 Response via : Initial Calibration

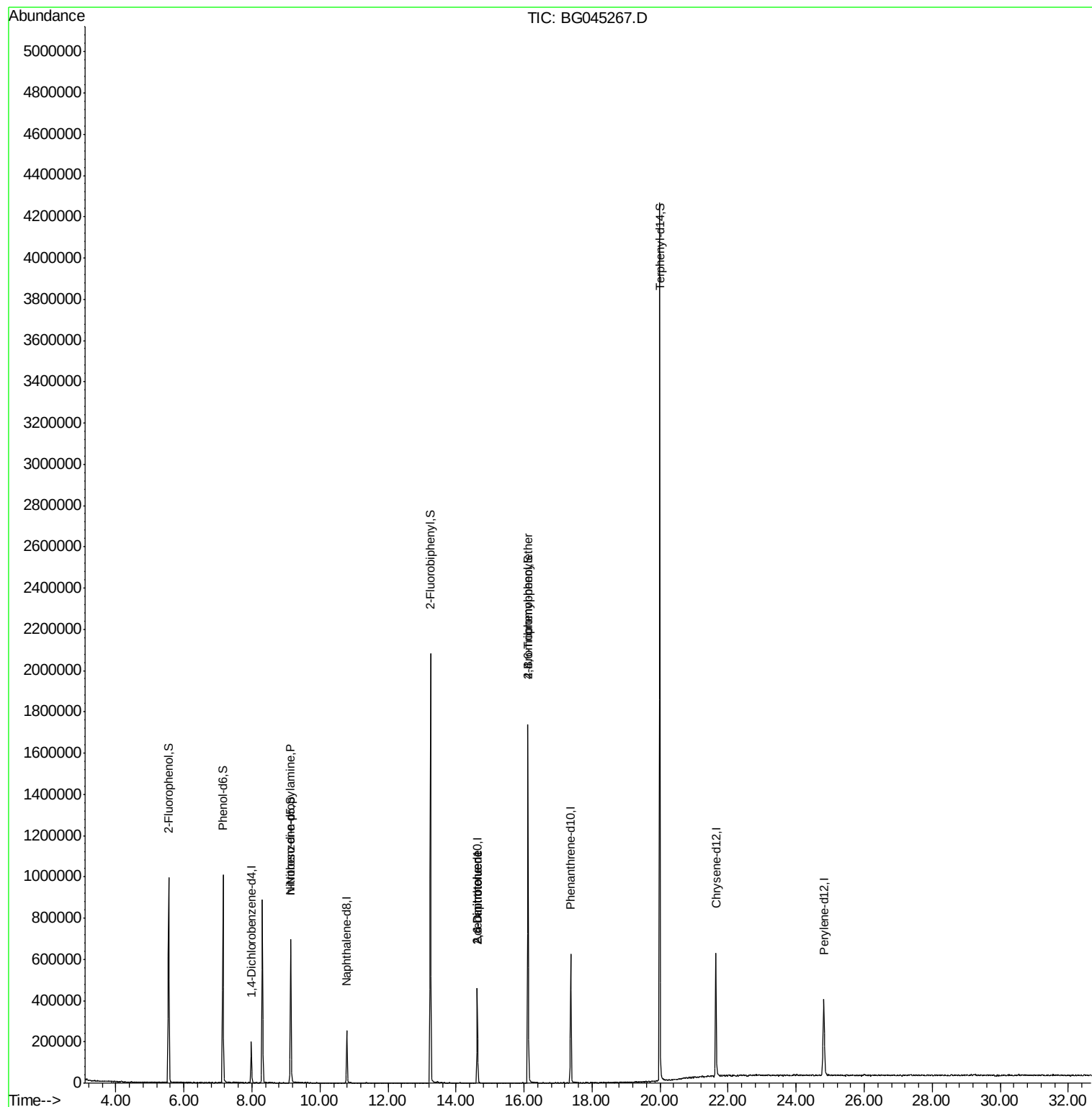
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	59161	20.00	ng	0.00
21) Naphthalene-d8	10.79	136	233788	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	178774	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	421571	20.00	ng	0.00
76) Chrysene-d12	21.63	240	409468	20.00	ng	0.00
87) Perylene-d12	24.81	264	424510	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	475162	132.60	ng	0.00
7) Phenol-d6	7.15	99	679312	127.59	ng	0.00
23) Nitrobenzene-d5	9.14	82	477378	93.17	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	363366	131.57	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	1118583	91.75	ng	0.00
79) Terphenyl-d14	19.99	244	2010746	107.03	ng	0.00
Target Compounds						
9) Benzaldehyde	7.15	77	1298	Below Cal	#	4
19) n-Nitroso-di-n-propylamine	9.14	70	64971	17.256 ng	#	76
51) 2,6-Dinitrotoluene	14.62	165	23395	7.185 ng	#	24
57) 2,4-Dinitrotoluene	14.62	165	23395	4.917 ng	#	22
67) 4-Bromophenyl-phenylether	16.12	248	25618	4.710 ng	#	1
74) Di-n-butylphthalate	18.33	149	55	Below Cal	#	76
75) Fluoranthene	19.78	202	57	Below Cal	#	62
77) Benzidine	19.99	184	39239	Below Cal	#	88

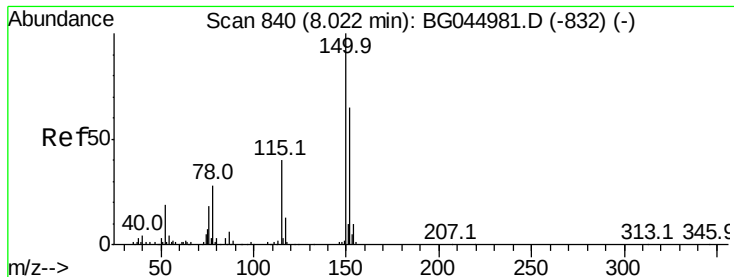
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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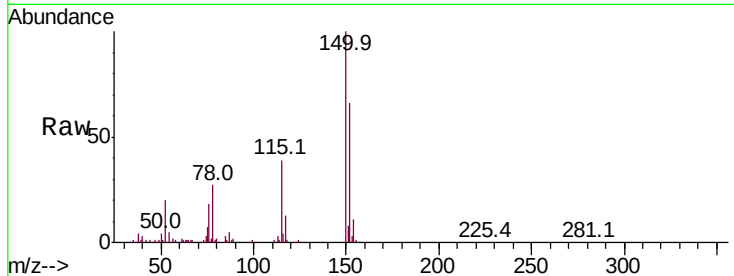


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.98 min Scan# 833
Delta R.T. -0.00 min
Lab File: BG045267.D
Acq: 7 May 2020 13:23

Instrument :
BNA_G
ClientSampleId :
PB128702BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.5	123.6	185.4
115	59.9	49.1	73.7

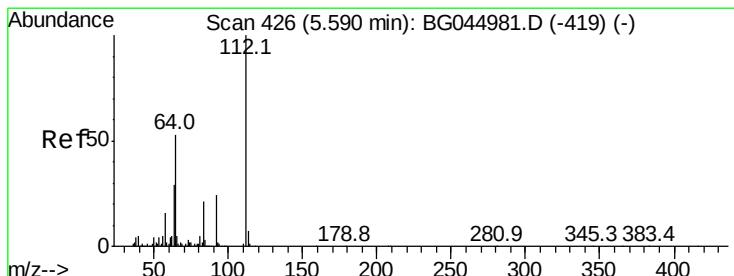
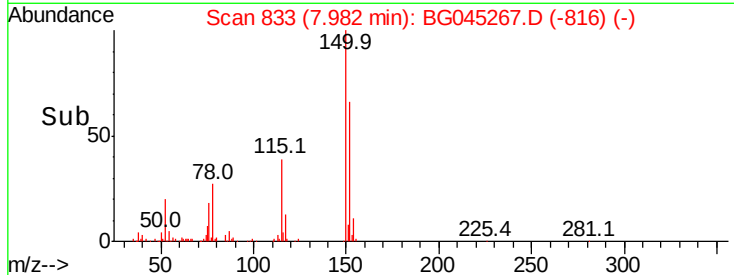
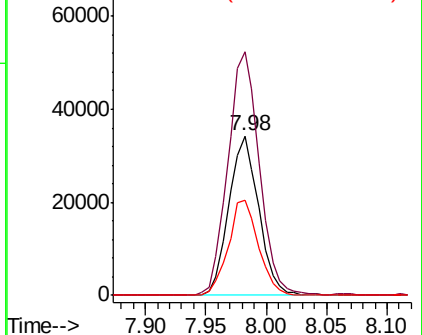


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

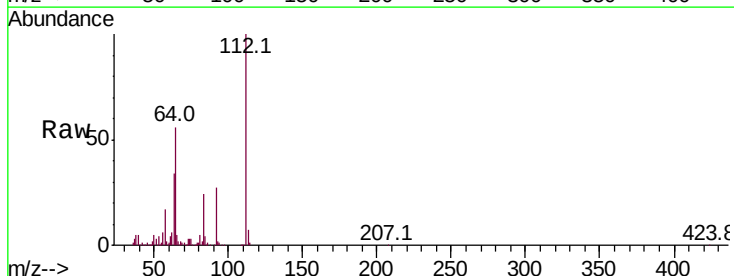
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 132.599 ng
RT: 5.55 min Scan# 419
Delta R.T. -0.00 min
Lab File: BG045267.D
Acq: 7 May 2020 13:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.4	42.4	63.6
63	33.6	23.1	34.7

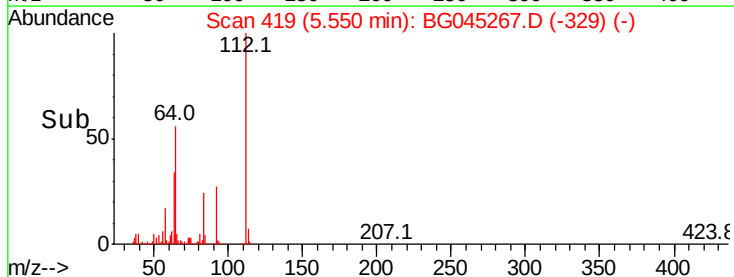
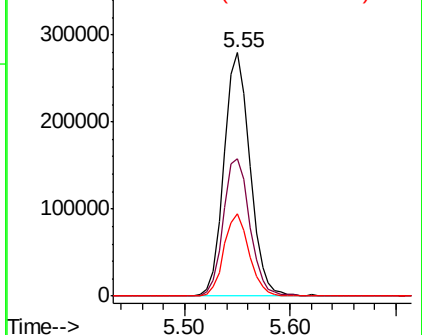


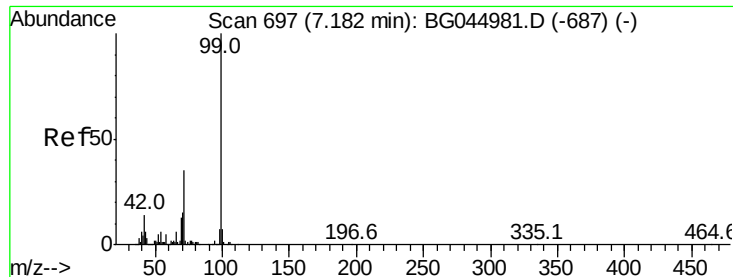
Abundance

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: 127.591 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.00 min

Lab File: BG045267.D

Acq: 7 May 2020 13:23

Instrument :

BNA_G

ClientSampleId :

PB128702BL

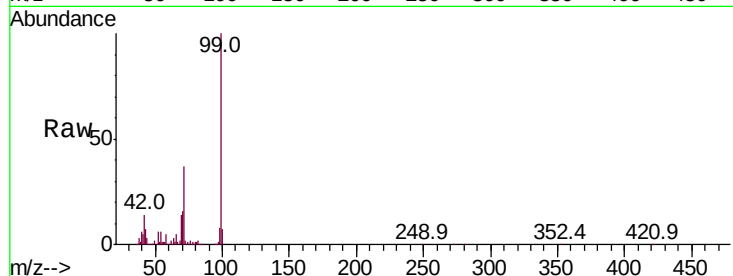
Tot Ion: 99 Resp: 679312

Ion Ratio Lower Upper

99 100

42 14.3 11.3 16.9

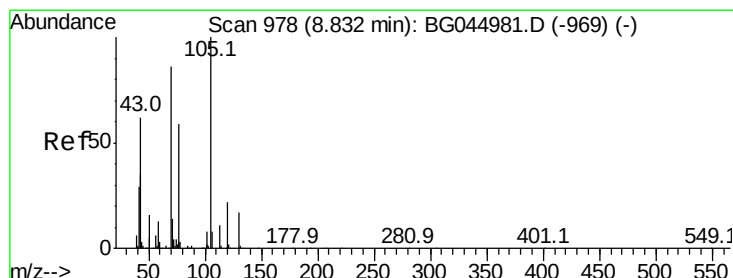
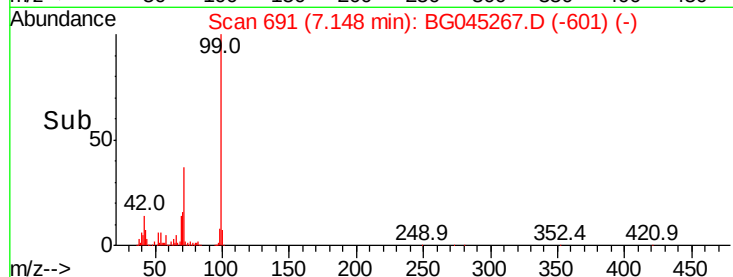
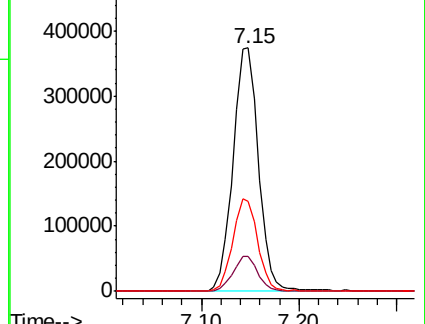
71 36.9 28.3 42.5



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: 17.256 ng

RT: 9.14 min Scan# 1030

Delta R.T. 0.35 min

Lab File: BG045267.D

Acq: 7 May 2020 13:23

Tgt Ion: 70 Resp: 64971

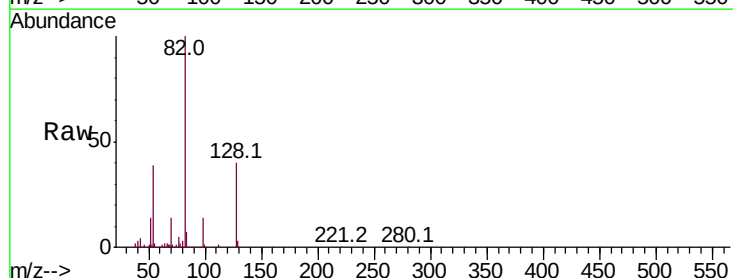
Ion Ratio Lower Upper

70 100

42 31.1 33.3 49.9#

101 0.0 7.8 11.8#

130 1.5 15.8 23.6#

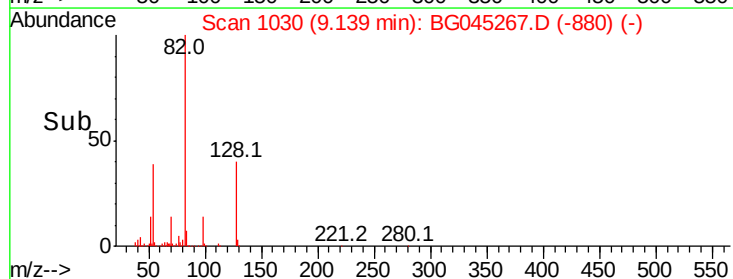
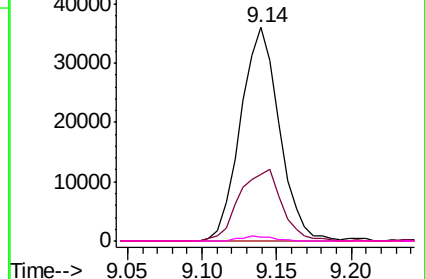


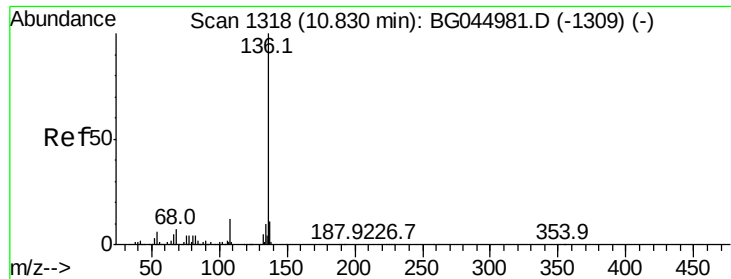
Abundance Ion 70.00 (69.70 to 70.70): BGC

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

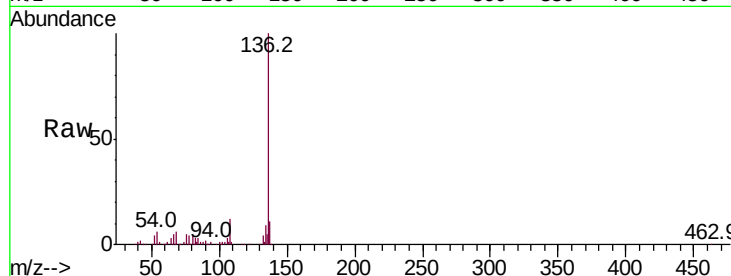




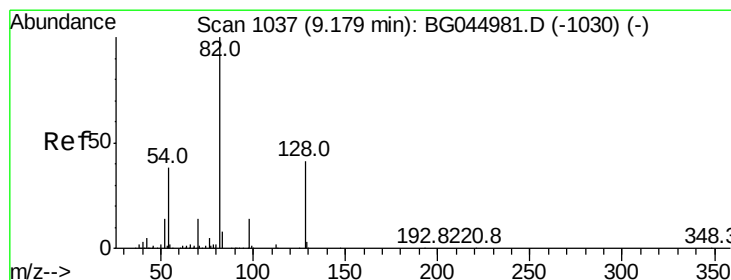
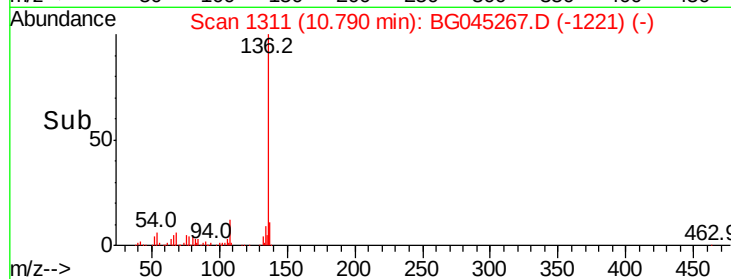
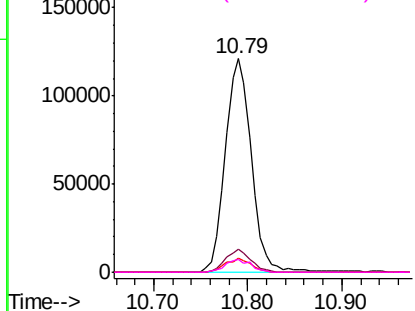
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.79 min Scan# 1311
Delta R.T. -0.00 min
Lab File: BG045267.D
Acq: 7 May 2020 13:23

Instrument :
BNA_G
ClientSampleId :
PB128702BL

Tot Ion:	136	Resp:	233788
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	6.4	4.8	7.2
68	6.0	5.2	7.8

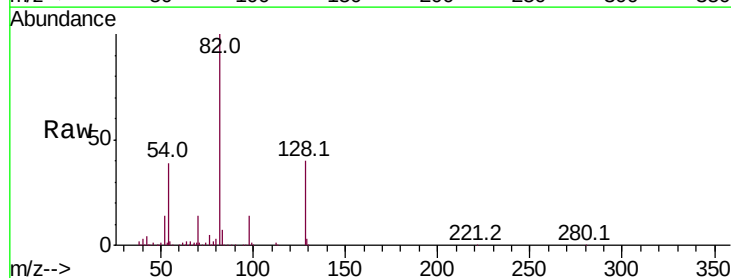


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

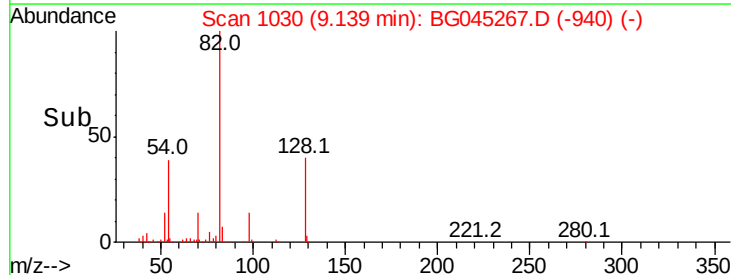
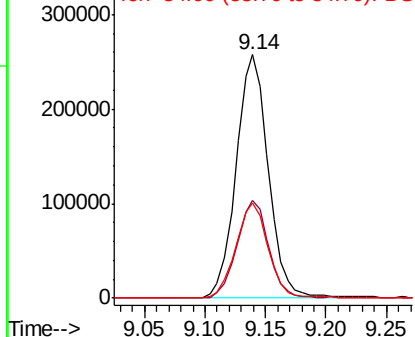


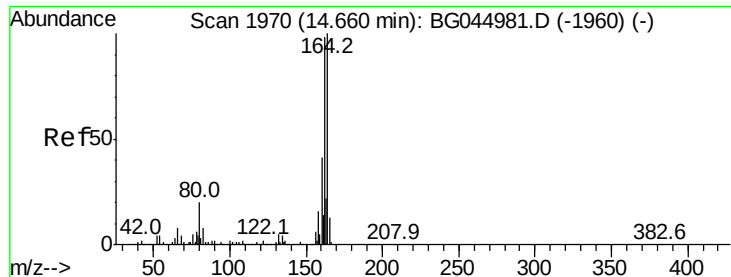
#23
Nitrobenzene-d5
Concen: 93.171 ng
RT: 9.14 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BG045267.D
Acq: 7 May 2020 13:23

Tgt Ion:	82	Resp:	477378
Ion	Ratio	Lower	Upper
82	100		
128	40.3	33.0	49.4
54	39.0	30.4	45.6



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.63 min Scan# 1964

Delta R.T. -0.00 min

Lab File: BG045267.D

Acq: 7 May 2020 13:23

Instrument :

BNA_G

ClientSampleId :

PB128702BL

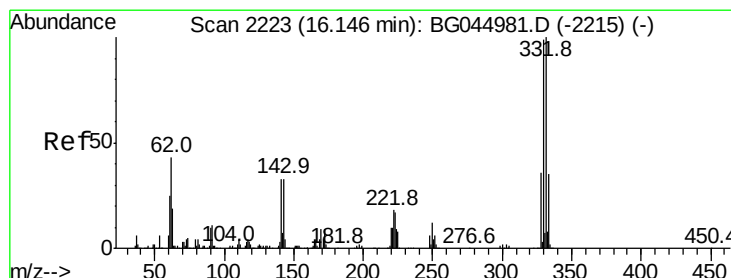
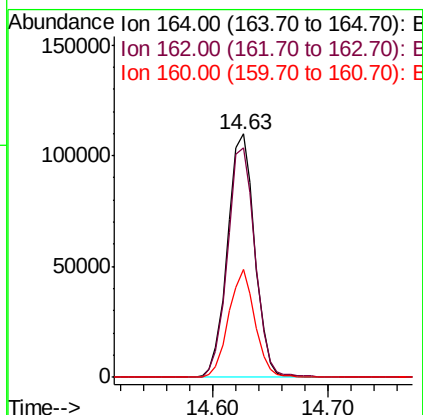
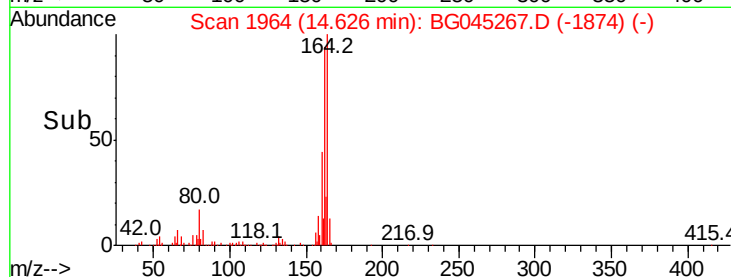
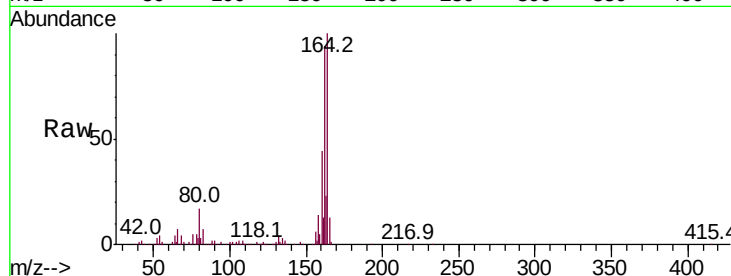
Tot Ion:164 Resp: 178774

Ion Ratio Lower Upper

164 100

162 94.2 78.7 118.1

160 44.5 32.8 49.2



#42

2,4,6-Tribromophenol

Concen: 131.567 ng

RT: 16.12 min Scan# 2218

Delta R.T. -0.00 min

Lab File: BG045267.D

Acq: 7 May 2020 13:23

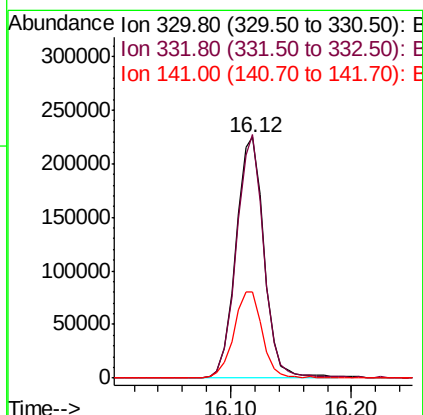
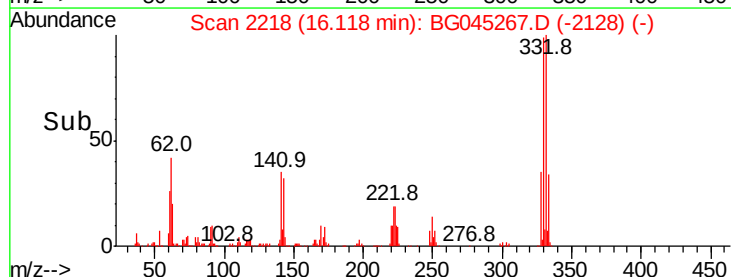
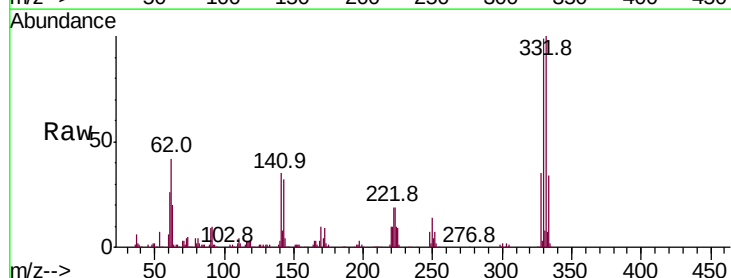
Tgt Ion:330 Resp: 363366

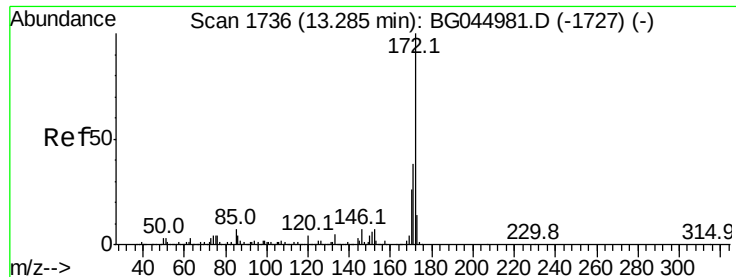
Ion Ratio Lower Upper

330 100

332 98.1 79.1 118.7

141 36.3 27.1 40.7



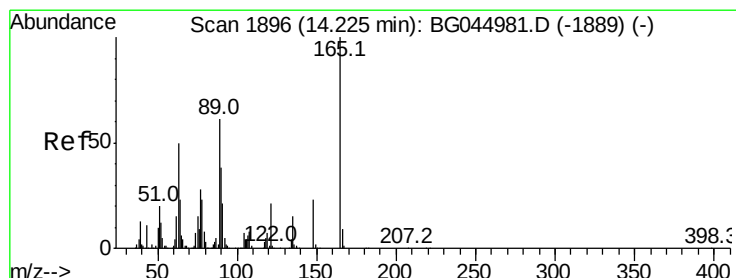
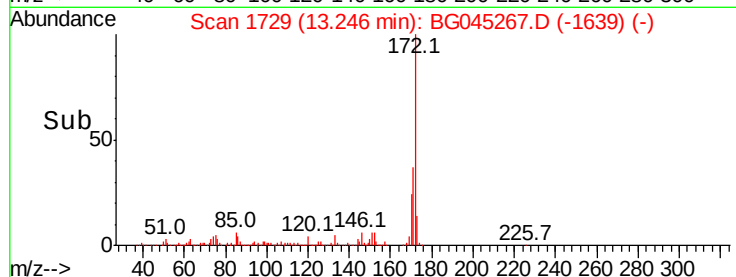
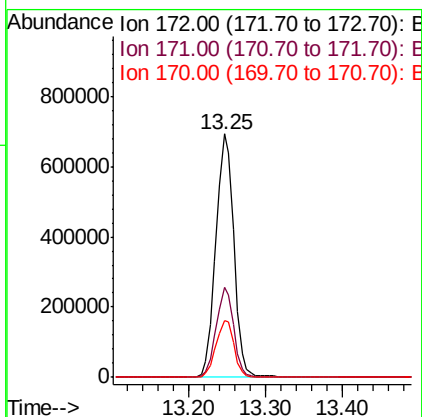
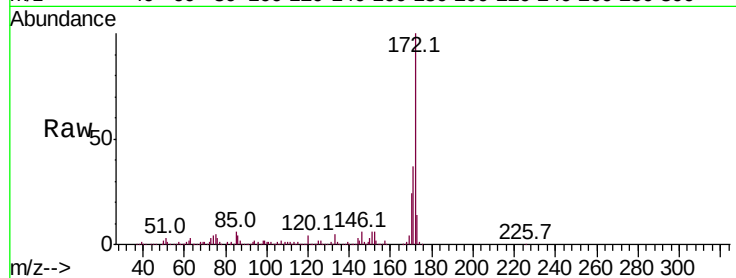


#45
 2-Fluorobiphenyl
 Concen: 91.747 ng
 RT: 13.25 min Scan# 1729
 Delta R.T. -0.00 min
 Lab File: BG045267.D
 Acq: 7 May 2020 13:23

Instrument :
 BNA_G
 ClientSampleId :
 PB128702BL

Tot Ion:172 Resp: 1118583

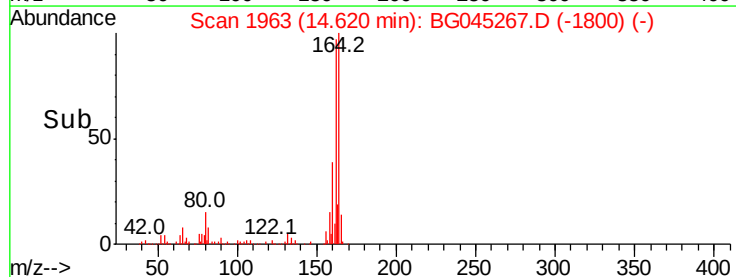
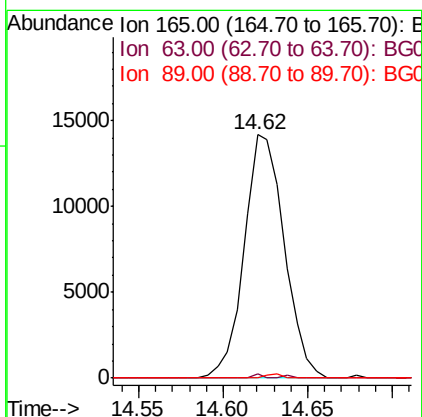
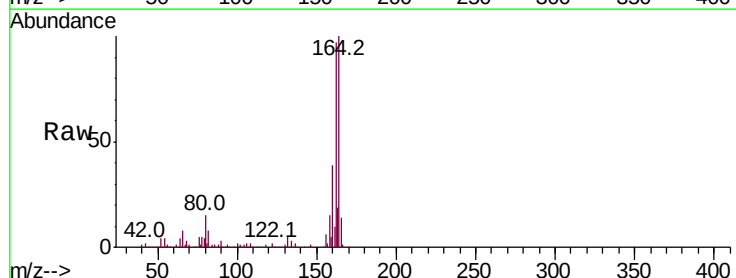
Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.6	46.0
170	23.5	20.5	30.7

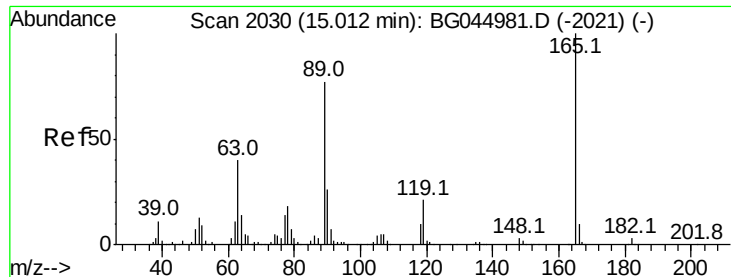


#51
 2,6-Dinitrotoluene
 Concen: 7.185 ng
 RT: 14.62 min Scan# 1963
 Delta R.T. 0.43 min
 Lab File: BG045267.D
 Acq: 7 May 2020 13:23

Tgt Ion:165 Resp: 23395

Ion	Ratio	Lower	Upper
165	100		
63	1.6	40.4	60.6#
89	0.0	49.1	73.7#

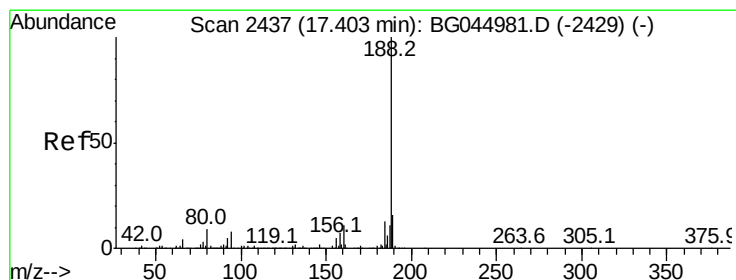
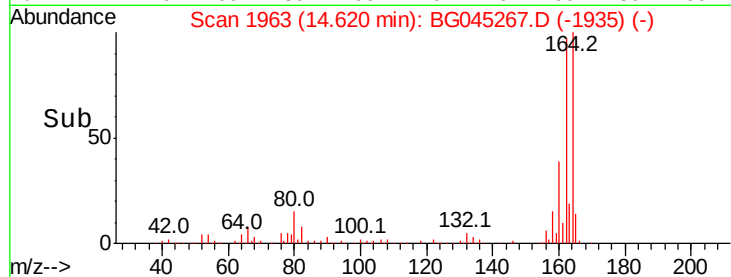
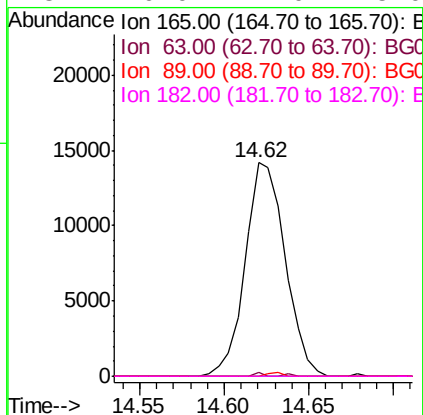
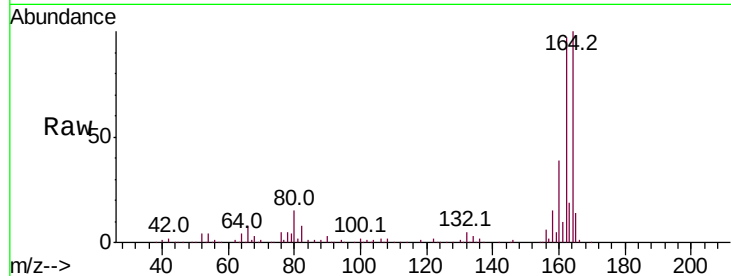




#57
 2,4-Dinitrotoluene
 Concen: 4.917 ng
 RT: 14.62 min Scan# 1963
 Delta R.T. -0.37 min
 Lab File: BG045267.D
 Acq: 7 May 2020 13:23

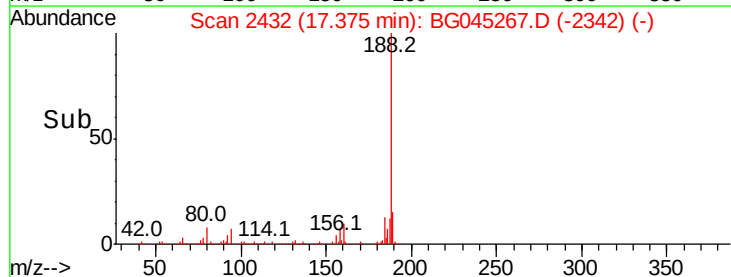
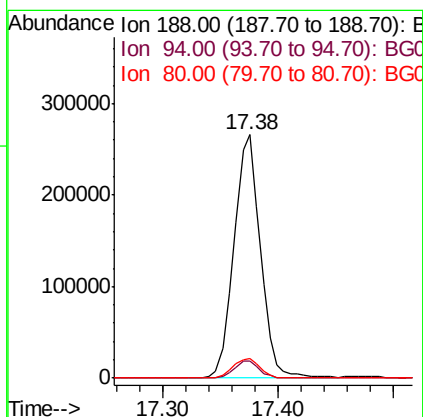
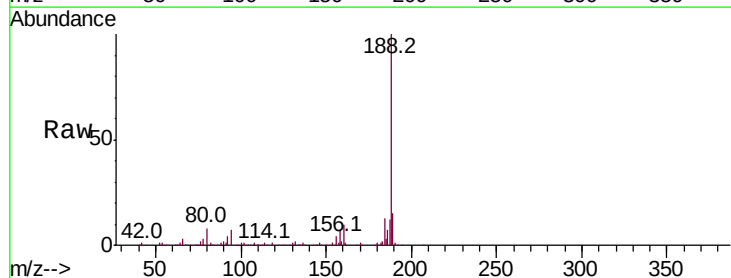
Instrument :
 BNA_G
 ClientSampleId :
 PB128702BL

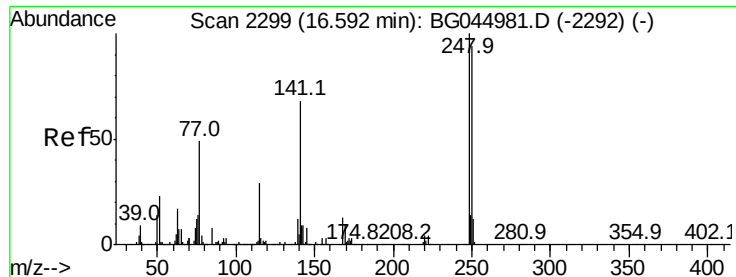
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	32.2	48.2#
89	0.0	61.7	92.5#
182	0.0	2.0	3.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.38 min Scan# 2432
 Delta R.T. -0.00 min
 Lab File: BG045267.D
 Acq: 7 May 2020 13:23

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.1	6.2	9.4
80	7.9	7.0	10.6

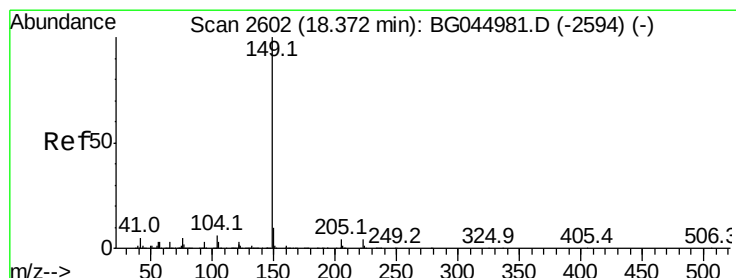
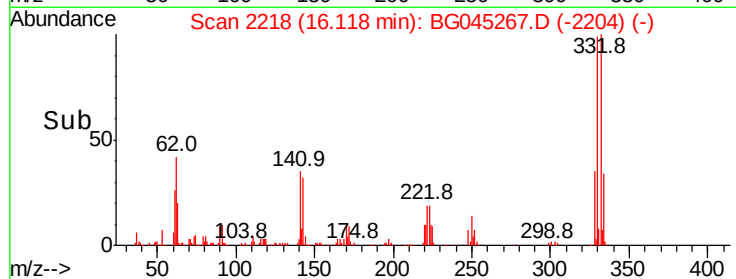
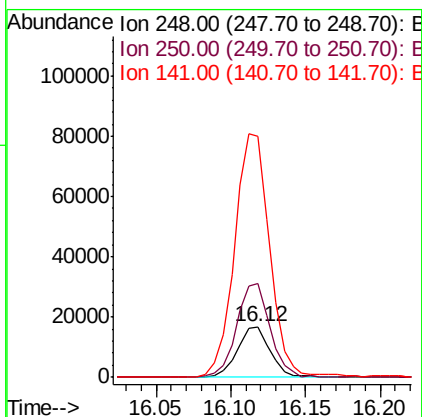
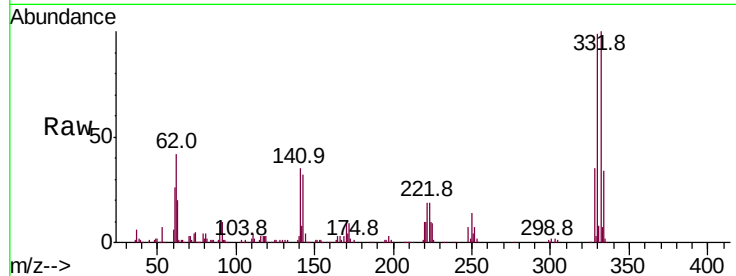




#67
 4-Bromophenyl-phenylether
 Concen: 4.710 ng
 RT: 16.12 min Scan# 2218
 Delta R.T. -0.45 min
 Lab File: BG045267.D
 Acq: 7 May 2020 13:23

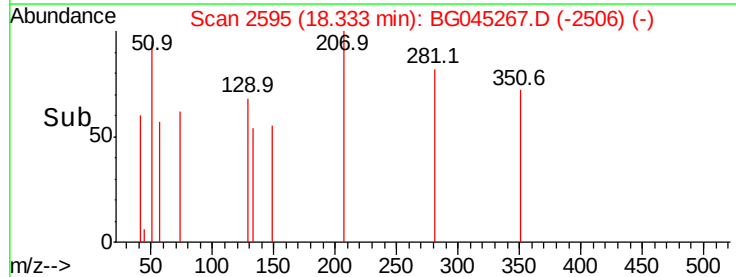
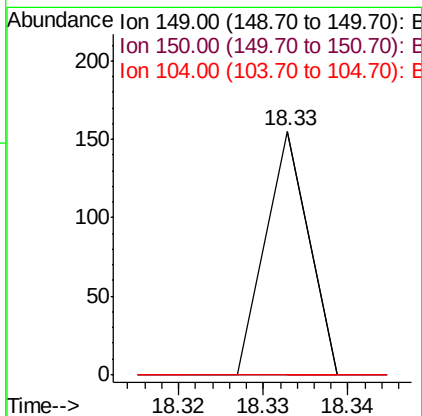
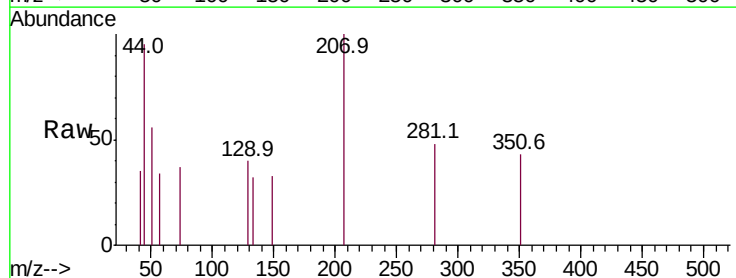
Instrument :
 BNA_G
 ClientSampleId :
 PB128702BL

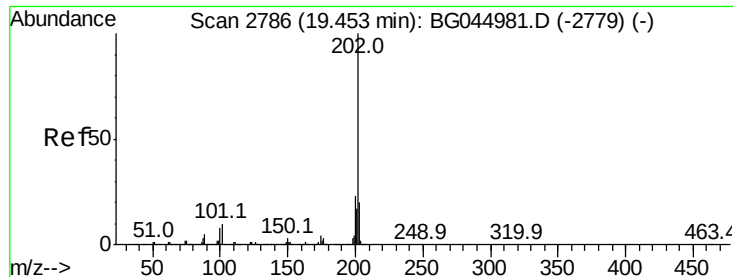
Tot Ion:248 Resp: 25618
 Ion Ratio Lower Upper
 248 100
 250 187.6 75.4 113.2#
 141 478.7 54.4 81.6#



#74
 Di-n-butylphthalate
 Concen: Below Cal
 RT: 18.33 min Scan# 2595
 Delta R.T. -0.01 min
 Lab File: BG045267.D
 Acq: 7 May 2020 13:23

Tgt Ion:149 Resp: 55
 Ion Ratio Lower Upper
 149 100
 150 0.0 8.2 12.2#
 104 0.0 4.8 7.2#





#75

Fluoranthene

Concen: Below Cal

RT: 19.78 min Scan# 2842

Delta R.T. 0.36 min

Lab File: BG045267.D

Acq: 7 May 2020 13:23

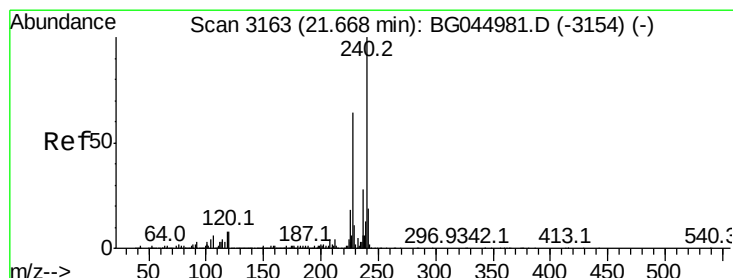
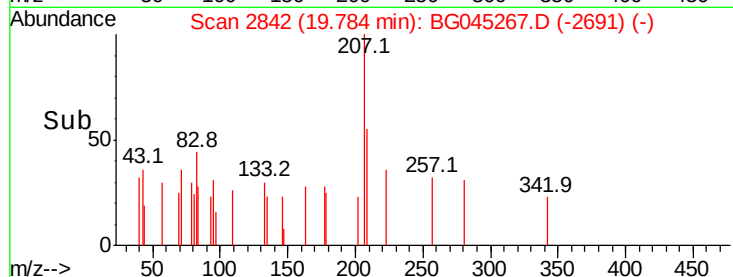
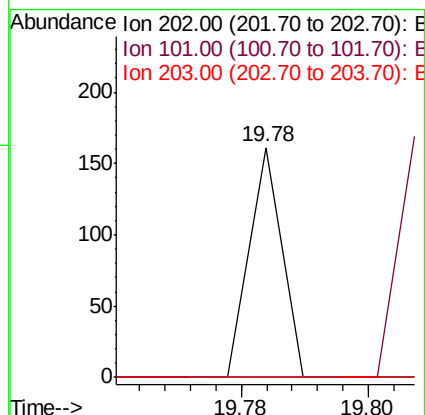
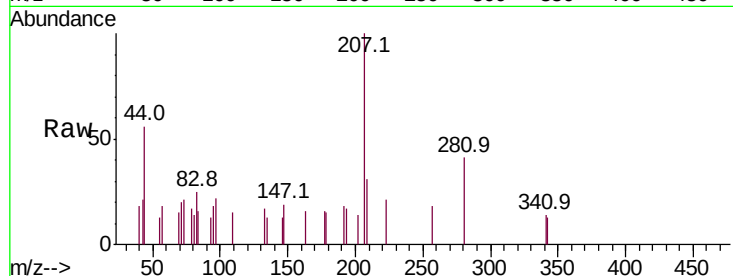
Instrument :

BNA_G

ClientSampleId :

PB128702BL

Tot Ion:	202	Resp:	57
Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	29.6
203	0.0	0.0	39.7



#76

Chrysene-d12

Concen: 20.000 ng

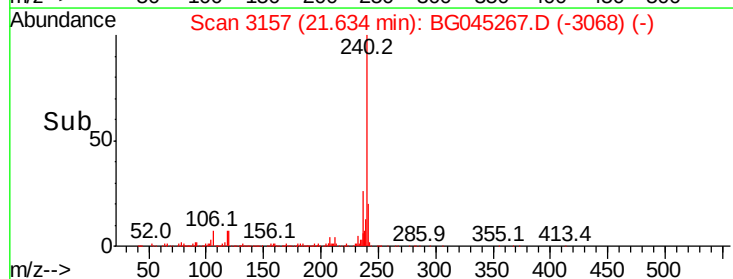
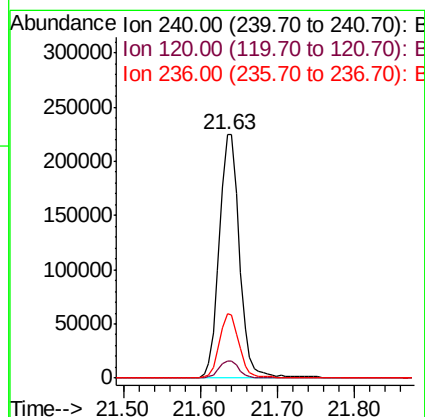
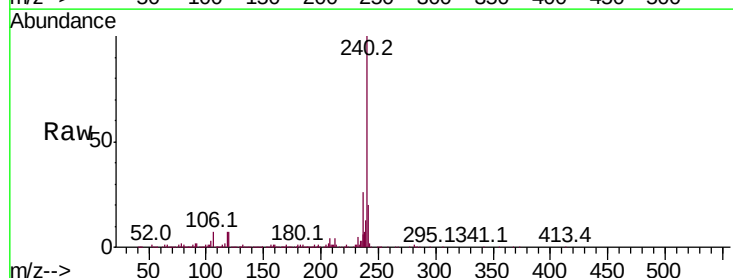
RT: 21.63 min Scan# 3157

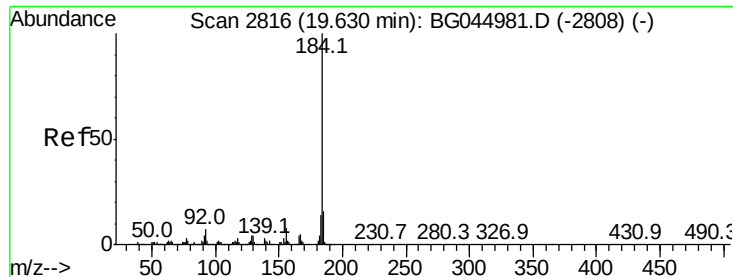
Delta R.T. -0.01 min

Lab File: BG045267.D

Acq: 7 May 2020 13:23

Tgt Ion:	240	Resp:	409468
Ion	Ratio	Lower	Upper
240	100		
120	7.3	6.6	10.0
236	26.2	22.2	33.2





#77

Benzidine

Concen: Below Cal

RT: 19.99 min Scan# 2877

Delta R.T. 0.39 min

Lab File: BG045267.D

Acq: 7 May 2020 13:23

Instrument :

BNA_G

ClientSampleId :

PB128702BL

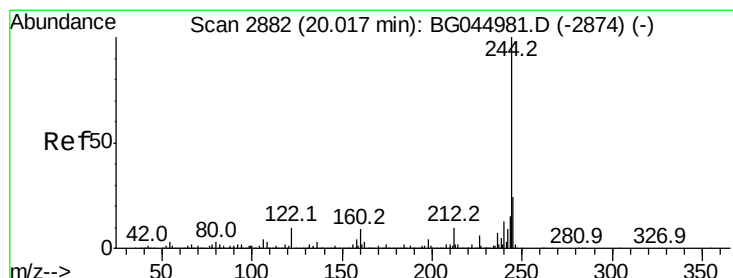
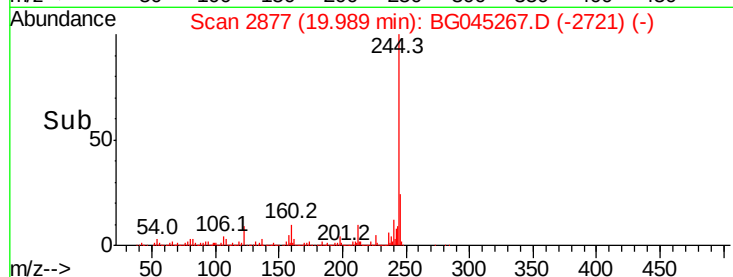
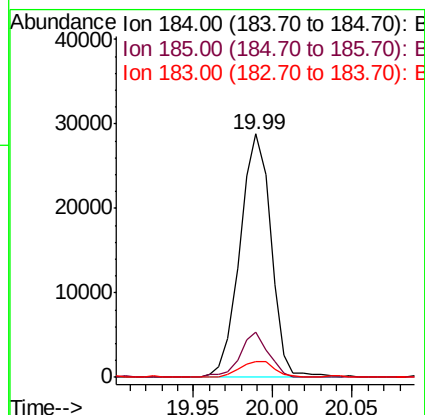
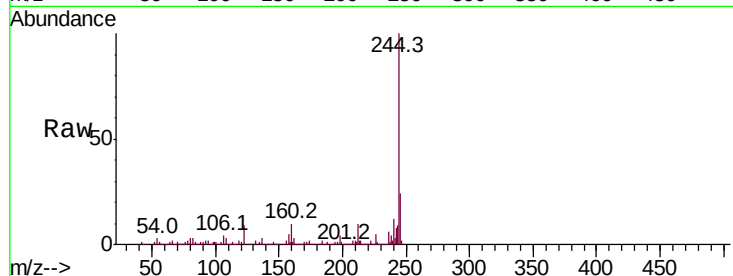
Tot Ion:184 Resp: 39239

Ion Ratio Lower Upper

184 100

185 18.5 12.6 19.0

183 6.4 11.3 16.9#



#79

Terphenyl-d14

Concen: 107.030 ng

RT: 19.99 min Scan# 2877

Delta R.T. -0.00 min

Lab File: BG045267.D

Acq: 7 May 2020 13:23

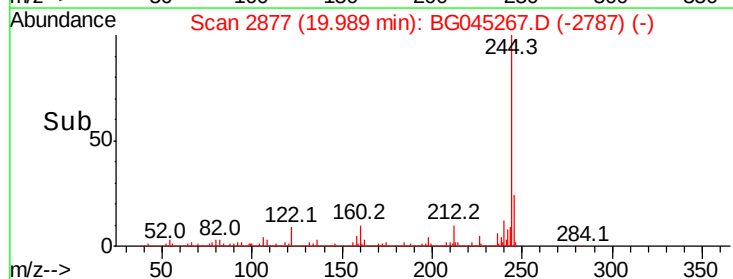
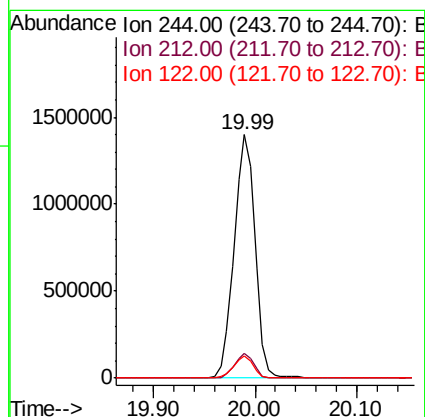
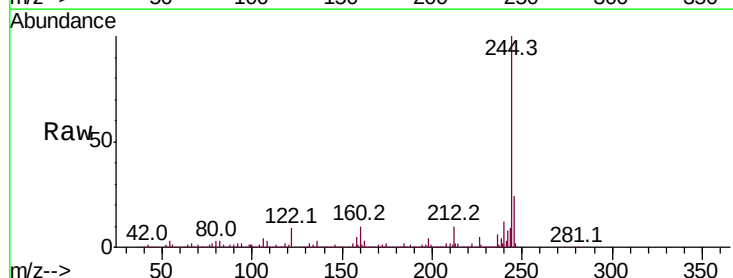
Tgt Ion:244 Resp: 2010746

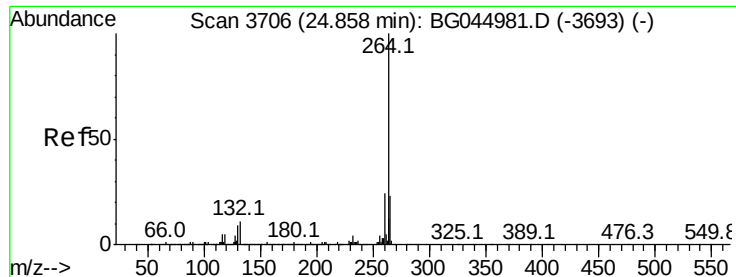
Ion Ratio Lower Upper

244 100

212 9.9 7.9 11.9

122 9.2 7.7 11.5

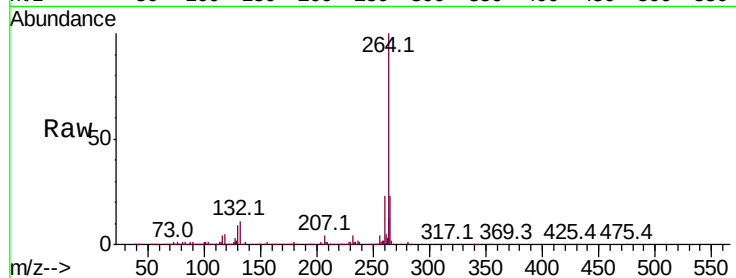




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.81 min Scan# 3698
 Delta R.T. -0.00 min
 Lab File: BG045267.D
 Acq: 7 May 2020 13:23

Instrument :
 BNA_G
 ClientSampleId :
 PB128702BL

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	22.6	19.0	28.4



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

