

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG050620\
 Data File : BG045250.D
 Acq On : 6 May 2020 12:59
 Operator : CG/JU
 Sample : PB128670BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB128670BL

Quant Time: May 06 13:34:50 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 06 12:59:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	64041	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	252689	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	187261	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	434881	20.00	ng	0.00
76) Chrysene-d12	21.64	240	390951	20.00	ng	0.00
87) Perylene-d12	24.82	264	410059	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.55	112	533610	137.56	ng	0.00
7) Phenol-d6	7.15	99	751077	130.32	ng	0.00
23) Nitrobenzene-d5	9.15	82	534068	96.44	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	401507	138.79	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	1242794	97.32	ng	0.00
79) Terphenyl-d14	19.99	244	2065128	115.13	ng	0.00

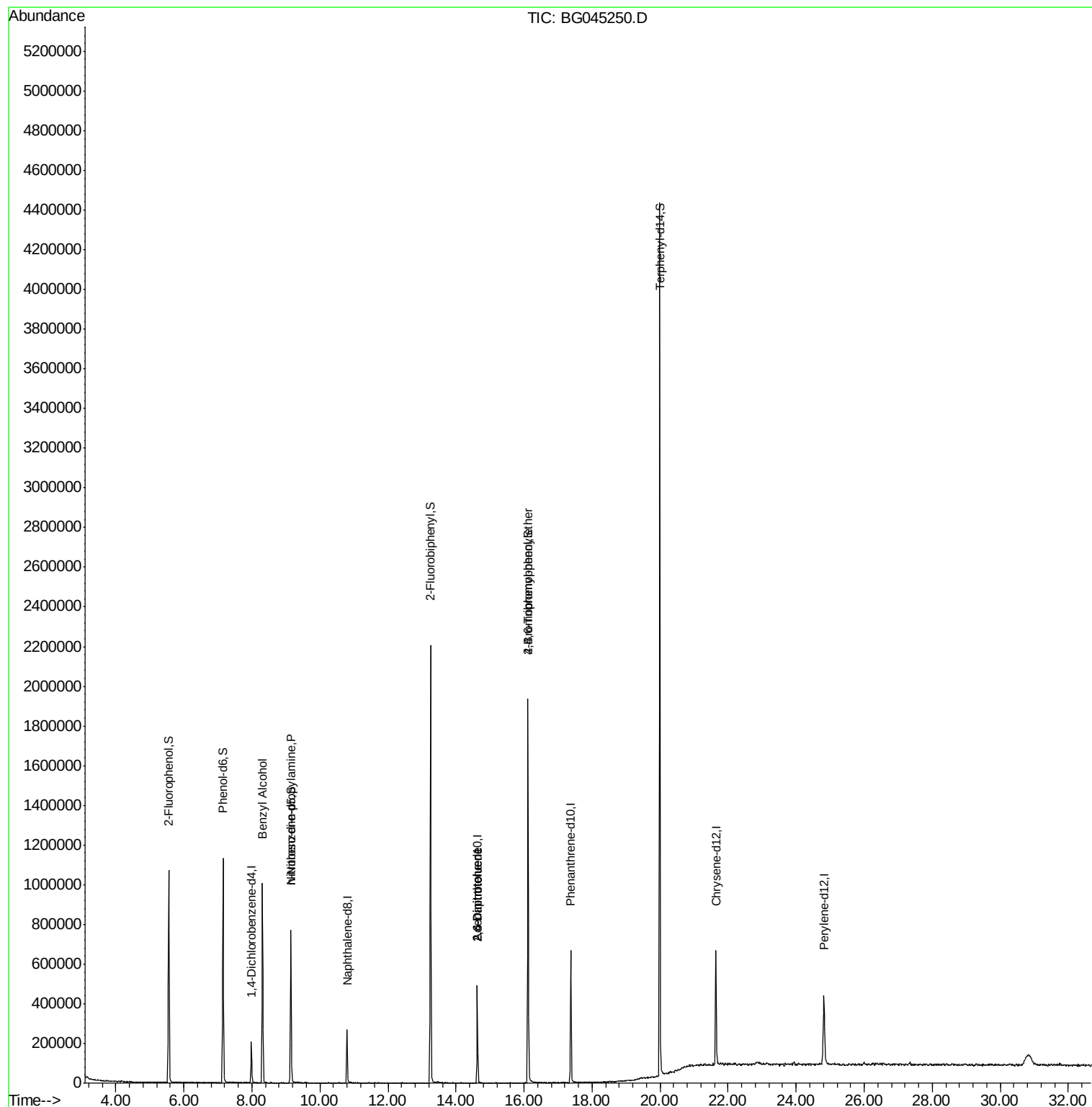
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	7.16	77	1463	Below Cal	#	4
15) Benzyl Alcohol	8.31	79	9909	2.051 ng	#	52
19) n-Nitroso-di-n-propylamine	9.15	70	70260	17.238 ng	#	81
51) 2,6-Dinitrotoluene	14.63	165	24387	7.151 ng	#	25
57) 2,4-Dinitrotoluene	14.63	165	24387	4.893 ng	#	22
67) 4-Bromophenyl-phenylether	16.12	248	27145	4.838 ng	#	1
69) Atrazine	16.81	200	56	Below Cal	#	35
74) Di-n-butylphthalate	18.34	149	84	Below Cal	#	76
75) Fluoranthene	19.43	202	61	Below Cal	#	62
77) Benzydine	19.99	184	41213	Below Cal	#	90

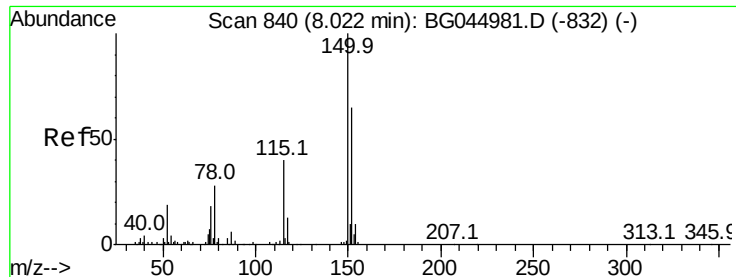
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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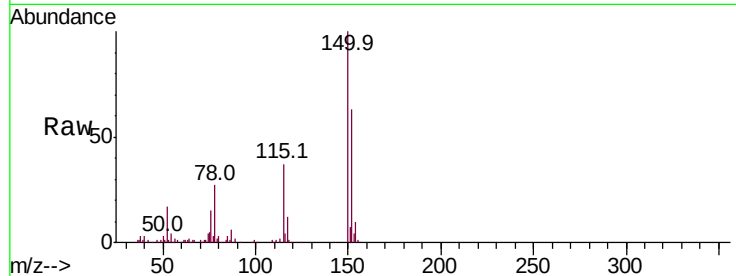


#1

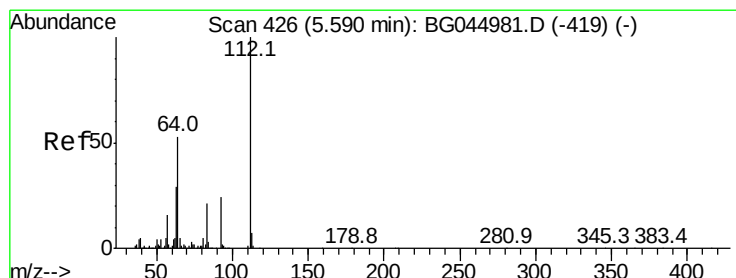
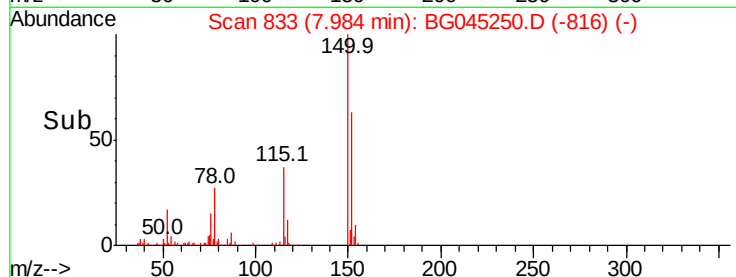
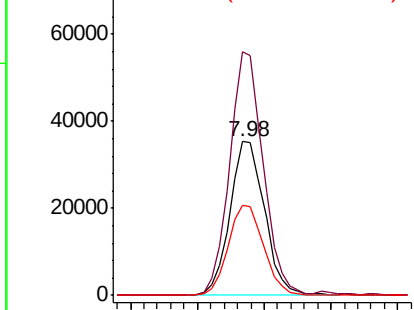
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.98 min Scan# 833
Delta R.T. -0.00 min
Lab File: BG045250.D
Acq: 6 May 2020 12:59

Instrument :
BNA_G
ClientSampleId :
PB128670BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.6	123.6	185.4
115	58.3	49.1	73.7



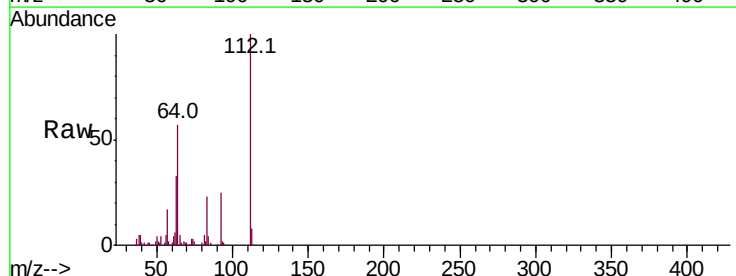
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



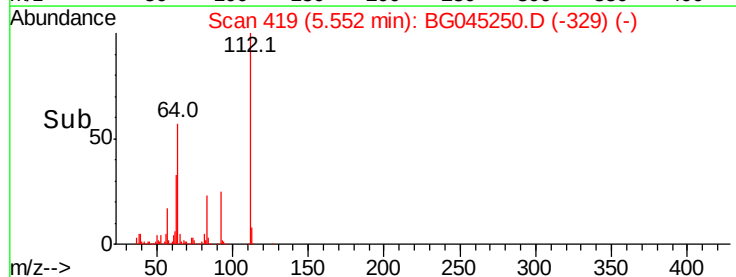
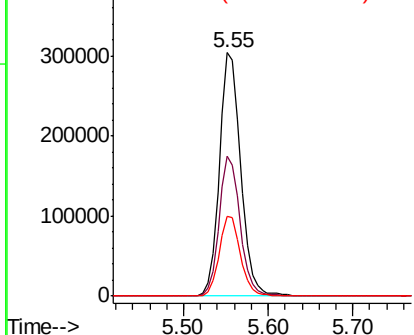
#5

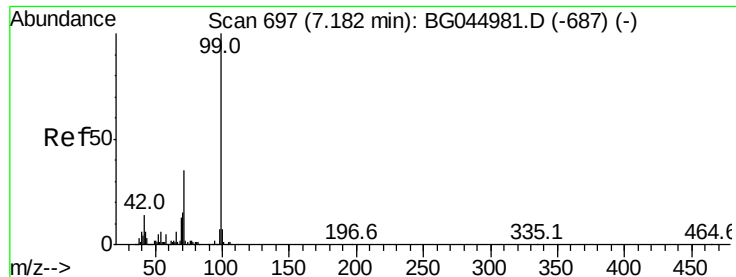
2-Fluorophenol
Concen: 137.562 ng
RT: 5.55 min Scan# 419
Delta R.T. -0.00 min
Lab File: BG045250.D
Acq: 6 May 2020 12:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.3	42.4	63.6
63	32.6	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: 130.321 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.00 min

Lab File: BG045250.D

Acq: 6 May 2020 12:59

Instrument :

BNA_G

ClientSampleId :

PB128670BL

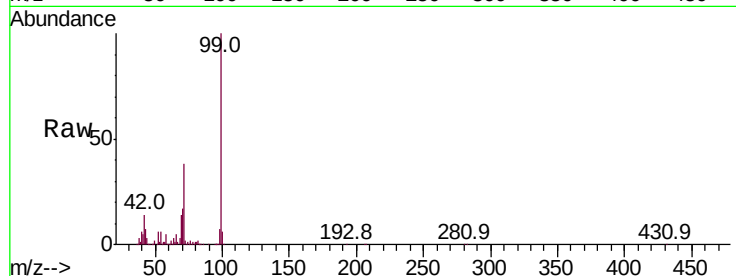
Tot Ion: 99 Resp: 751077

Ion Ratio Lower Upper

99 100

42 14.1 11.3 16.9

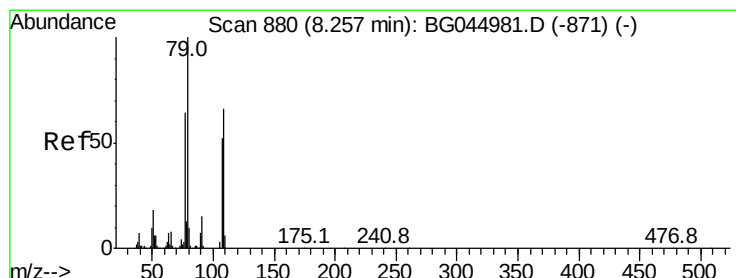
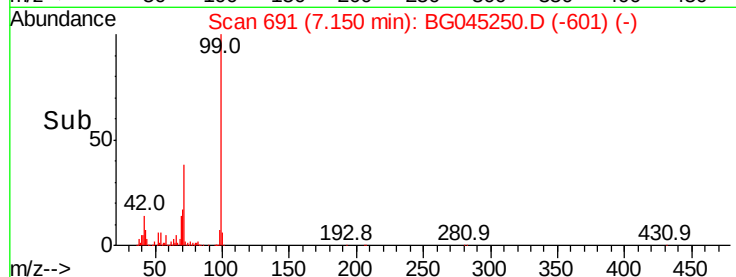
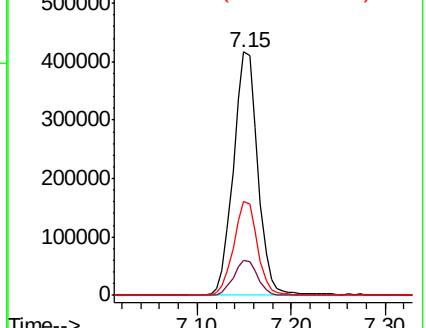
71 38.4 28.3 42.5



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



#15

Benzyl Alcohol

Concen: 2.051 ng

RT: 8.31 min Scan# 889

Delta R.T. 0.09 min

Lab File: BG045250.D

Acq: 6 May 2020 12:59

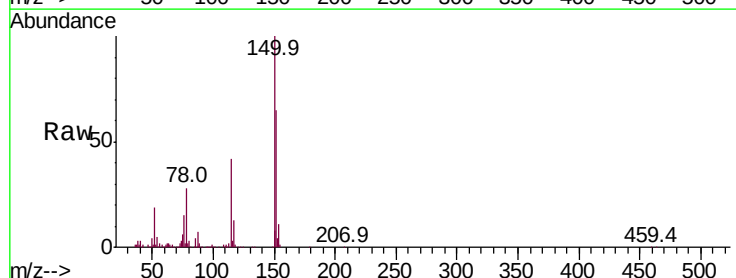
Tgt Ion: 79 Resp: 9909

Ion Ratio Lower Upper

79 100

108 30.1 52.7 79.1#

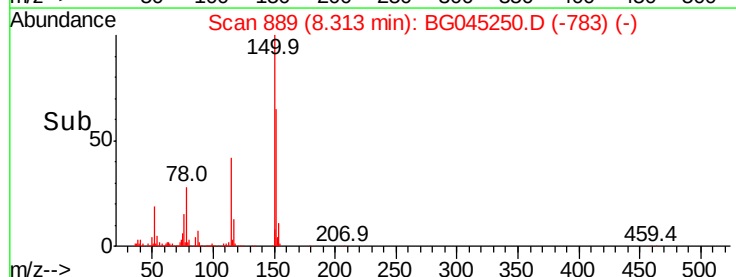
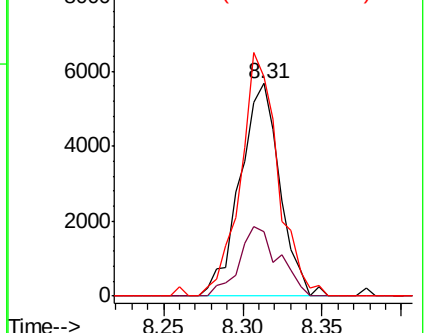
77 103.3 51.3 76.9#

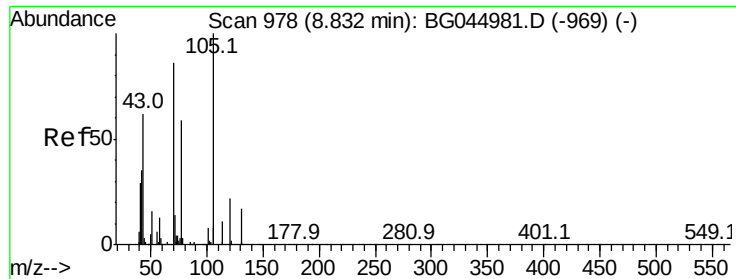


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

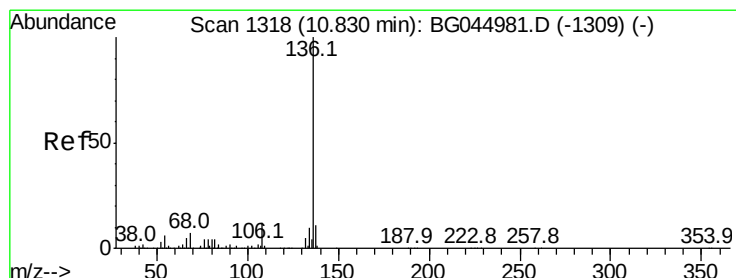
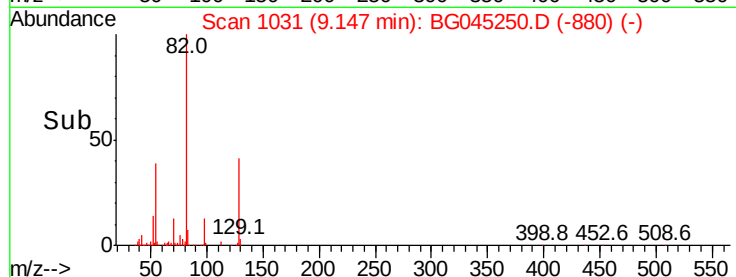
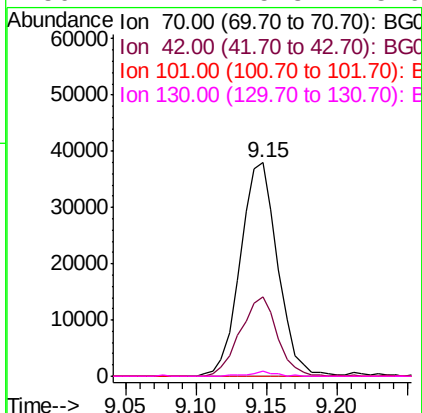
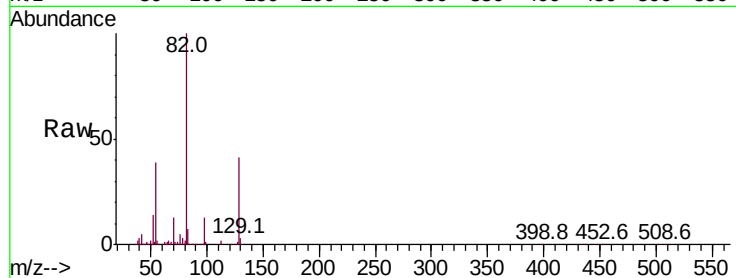




#19
n-Nitroso-di-n-propylamine
Concen: 17.238 ng
RT: 9.15 min Scan# 1031
Delta R.T. 0.36 min
Lab File: BG045250.D
Acq: 6 May 2020 12:59

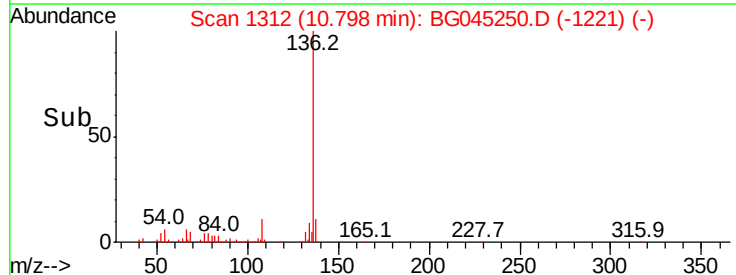
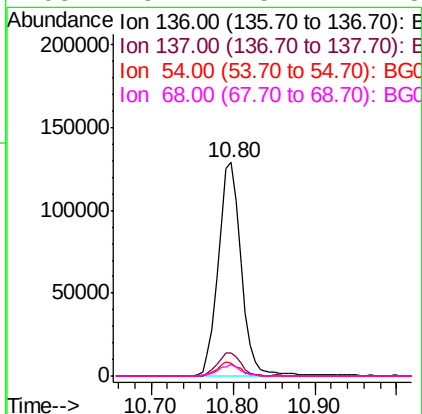
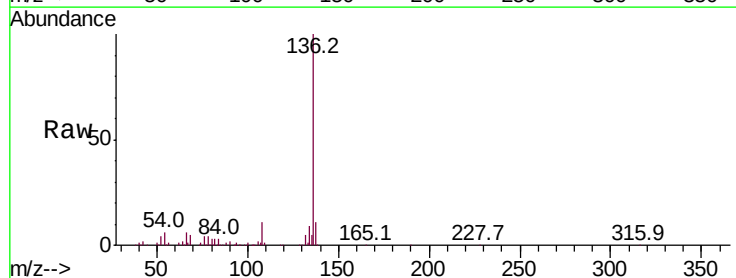
Instrument :
BNA_G
ClientSampleId :
PB128670BL

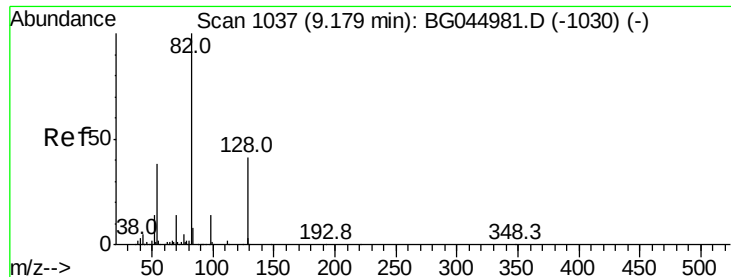
Tot Ion:	70	Resp:	70260
Ion	Ratio	Lower	Upper
70	100		
42	36.9	33.3	49.9
101	0.0	7.8	11.8#
130	2.2	15.8	23.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BG045250.D
Acq: 6 May 2020 12:59

Tgt Ion:	136	Resp:	252689
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	6.1	4.8	7.2
68	5.2	5.2	7.8#

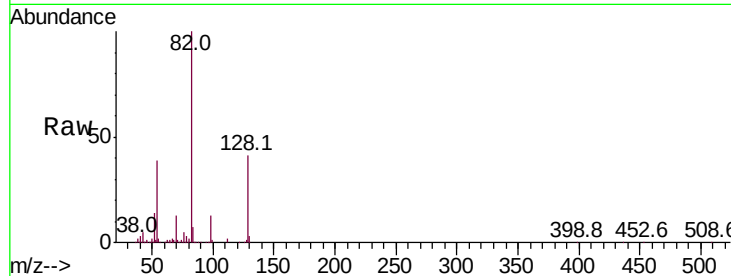




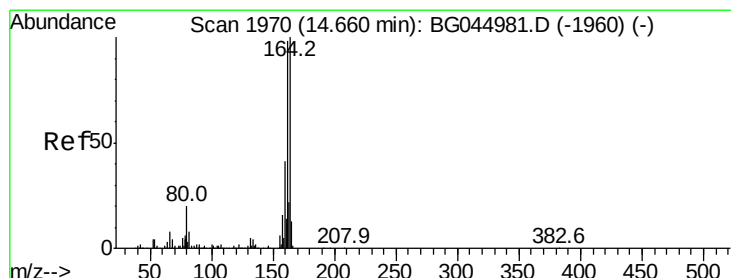
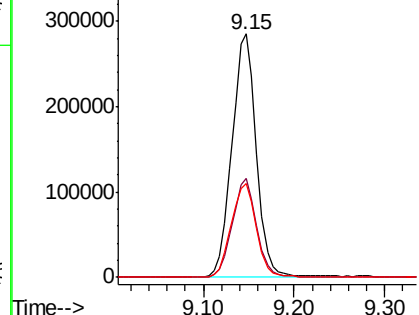
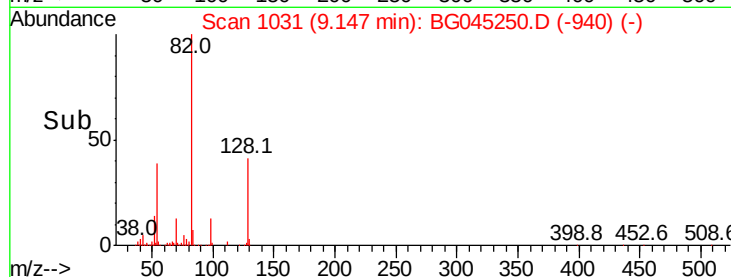
#23
 Nitrobenzene-d5
 Concen: 96.438 ng
 RT: 9.15 min Scan# 1031
 Delta R.T. 0.00 min
 Lab File: BG045250.D
 Acq: 6 May 2020 12:59

Instrument :
 BNA_G
 ClientSampleId :
 PB128670BL

Tot Ion	82	Resp	534068
Ion	Ratio	Lower	Upper
82	100		
128	40.6	33.0	49.4
54	38.8	30.4	45.6

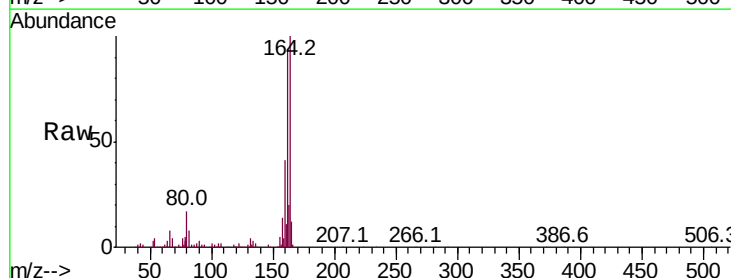


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

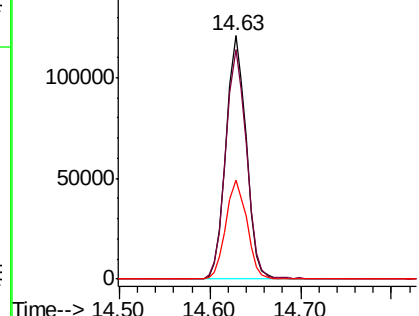
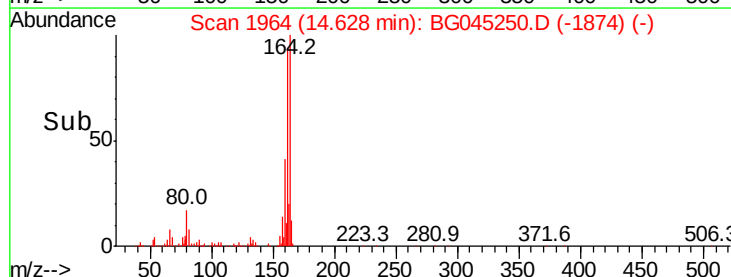


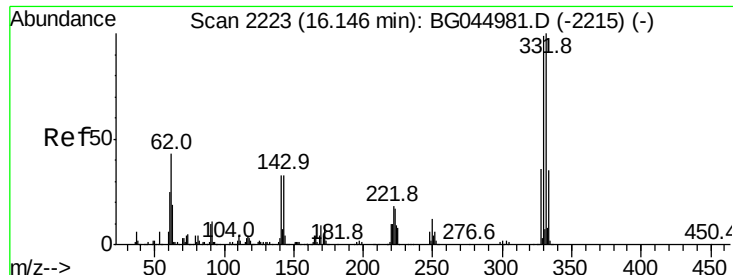
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.63 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: BG045250.D
 Acq: 6 May 2020 12:59

Tgt Ion	164	Resp	187261
Ion	Ratio	Lower	Upper
164	100		
162	94.1	78.7	118.1
160	40.5	32.8	49.2



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC

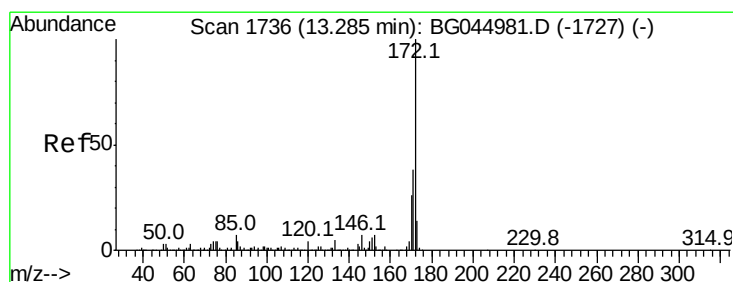
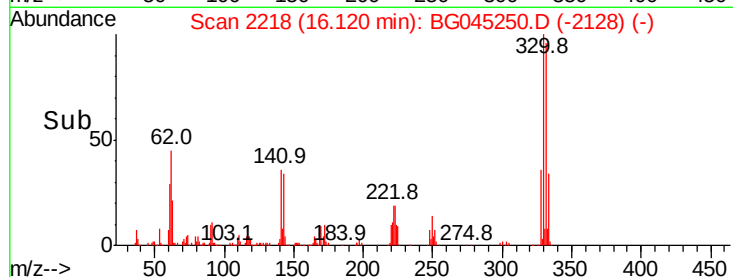
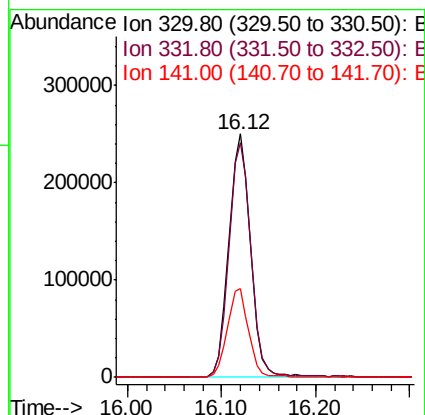
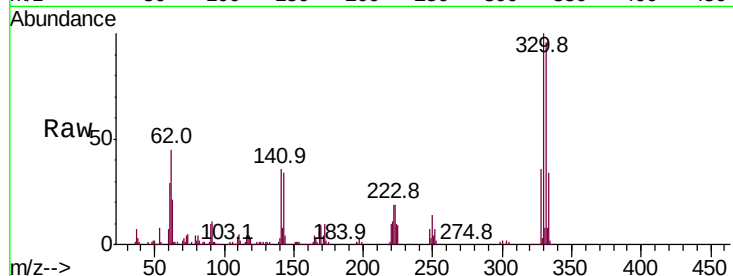




#42
 2,4,6-Tribromophenol
 Concen: 138.789 ng
 RT: 16.12 min Scan# 2218
 Delta R.T. -0.00 min
 Lab File: BG045250.D
 Acq: 6 May 2020 12:59

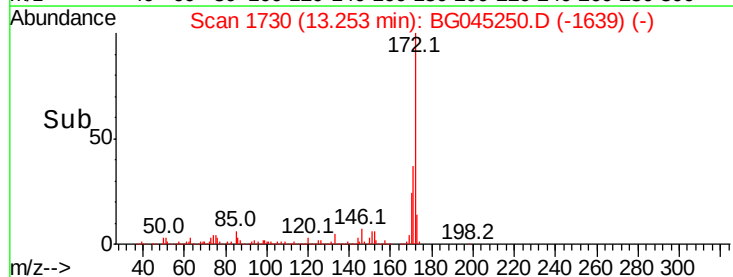
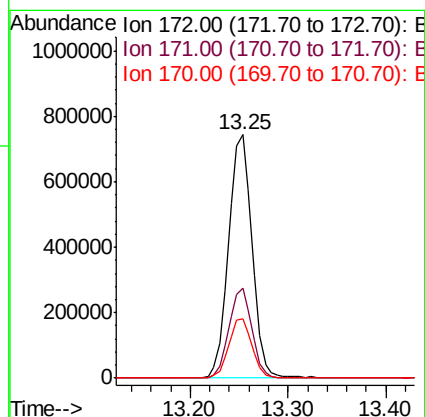
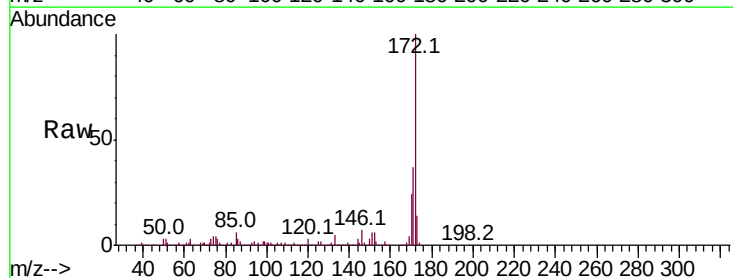
Instrument :
 BNA_G
 ClientSampleId :
 PB128670BL

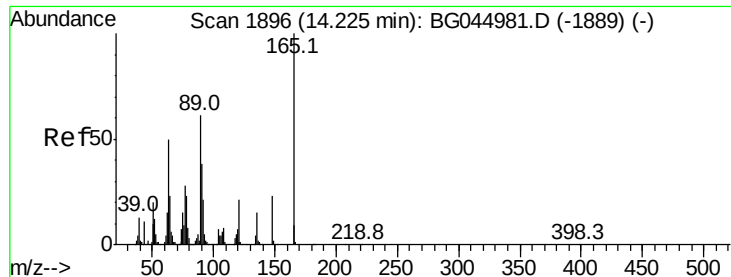
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	79.1	118.7
141	35.8	27.1	40.7



#45
 2-Fluorobiphenyl
 Concen: 97.315 ng
 RT: 13.25 min Scan# 1730
 Delta R.T. 0.00 min
 Lab File: BG045250.D
 Acq: 6 May 2020 12:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.6	46.0
170	24.2	20.5	30.7





#51

2,6-Dinitrotoluene

Concen: 7.151 ng

RT: 14.63 min Scan# 1964

Delta R.T. 0.43 min

Lab File: BG045250.D

Acq: 6 May 2020 12:59

Instrument :

BNA_G

ClientSampleId :

PB128670BL

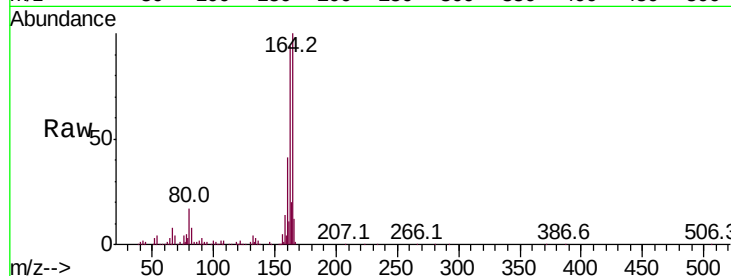
Tot Ion:165 Resp: 24387

Ion Ratio Lower Upper

165 100

63 1.3 40.4 60.6#

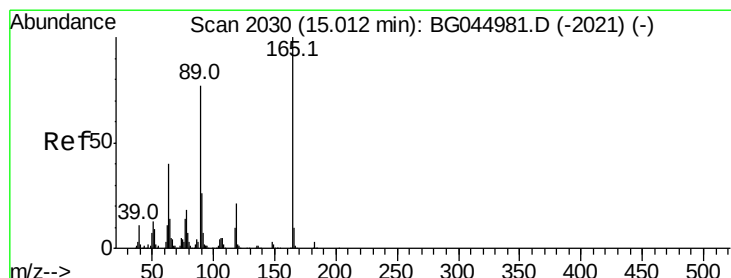
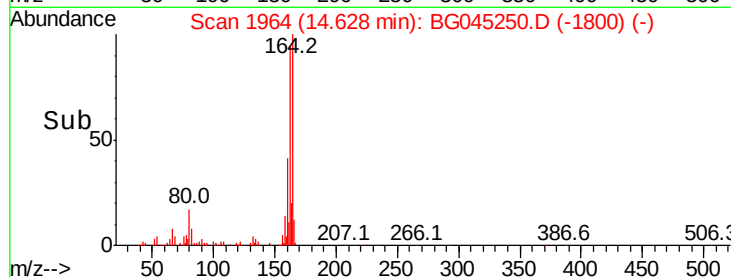
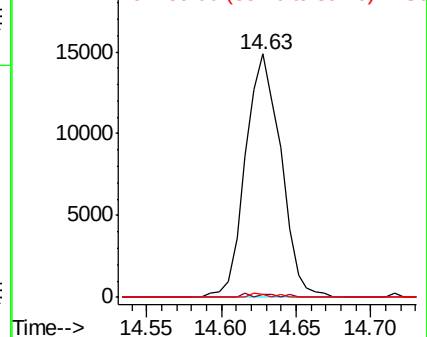
89 1.2 49.1 73.7#



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



#57

2,4-Dinitrotoluene

Concen: 4.893 ng

RT: 14.63 min Scan# 1964

Delta R.T. -0.36 min

Lab File: BG045250.D

Acq: 6 May 2020 12:59

Tgt Ion:165 Resp: 24387

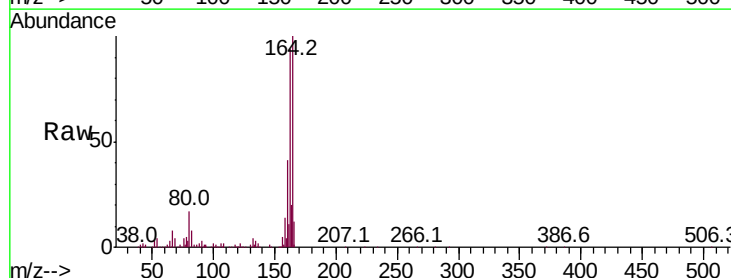
Ion Ratio Lower Upper

165 100

63 1.3 32.2 48.2#

89 1.2 61.7 92.5#

182 0.0 2.0 3.0#

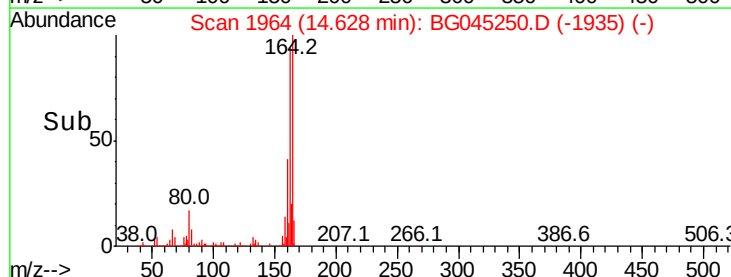
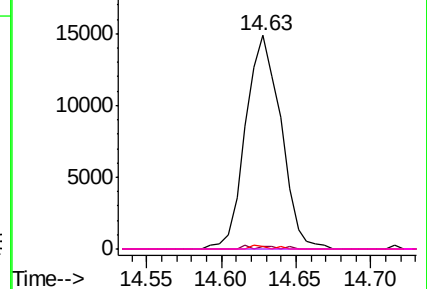


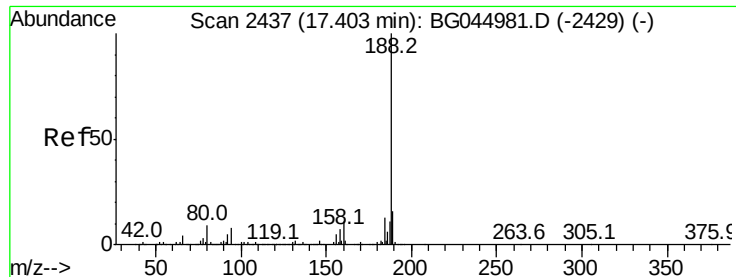
Abundance Ion 165.00 (164.70 to 165.70): E

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: 17.38 min Scan# 2432

Delta R.T. -0.00 min

Lab File: BG045250.D

Acq: 6 May 2020 12:59

Instrument :

BNA_G

ClientSampleId :

PB128670BL

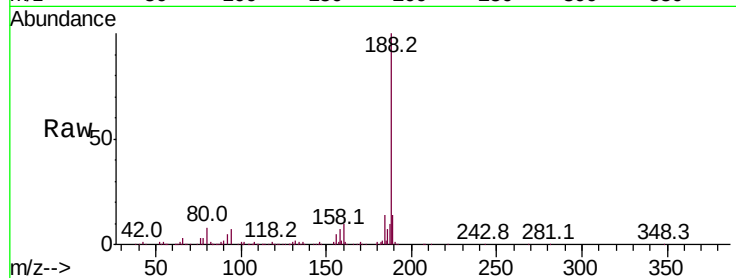
Tot Ion:188 Resp: 434881

Ion Ratio Lower Upper

188 100

94 6.5 6.2 9.4

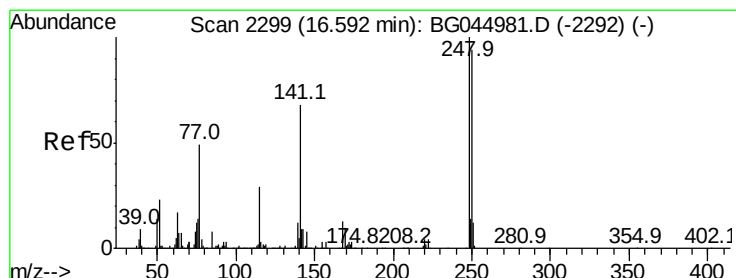
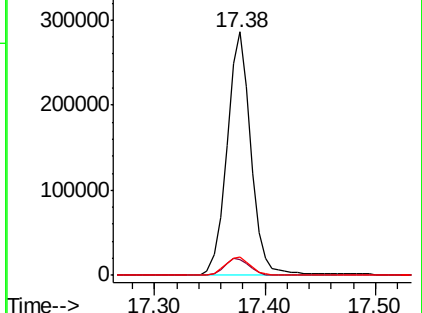
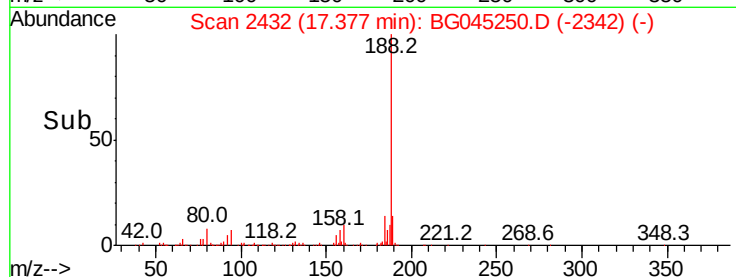
80 7.6 7.0 10.6



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: 4.838 ng

RT: 16.12 min Scan# 2218

Delta R.T. -0.45 min

Lab File: BG045250.D

Acq: 6 May 2020 12:59

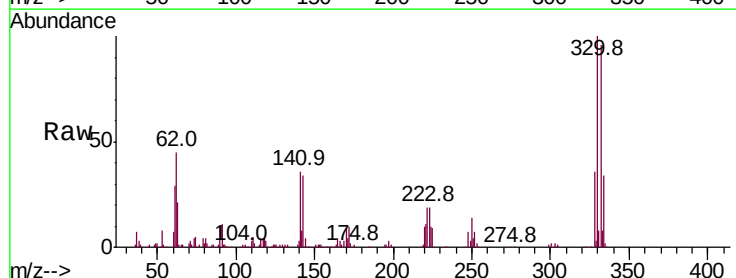
Tgt Ion:248 Resp: 27145

Ion Ratio Lower Upper

248 100

250 205.3 75.4 113.2#

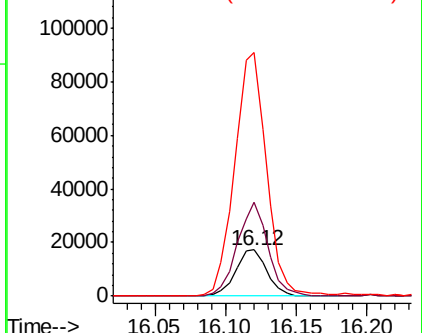
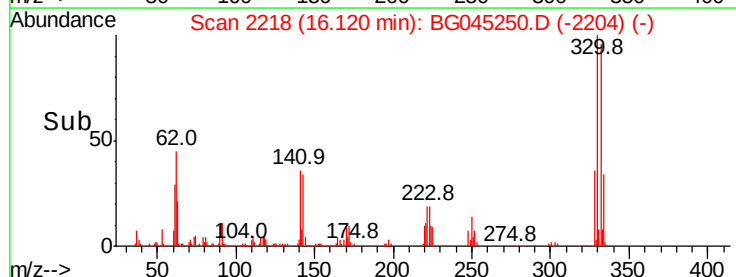
141 530.2 54.4 81.6#

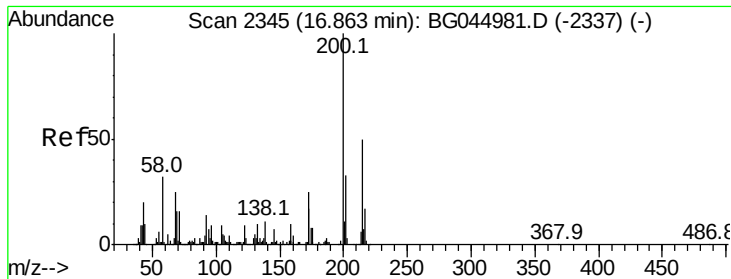


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#69

Atrazine

Concen: Below Cal

RT: 16.81 min Scan# 2336

Delta R.T. -0.02 min

Lab File: BG045250.D

Acq: 6 May 2020 12:59

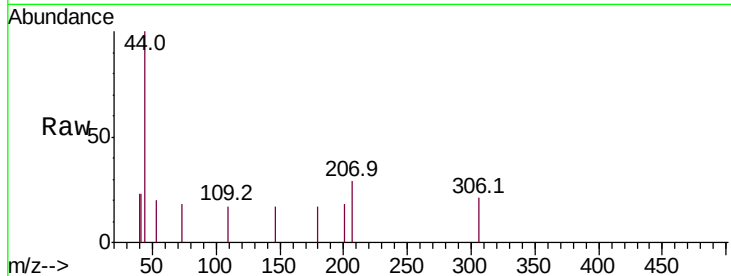
Instrument :

BNA_G

ClientSampleId :

PB128670BL

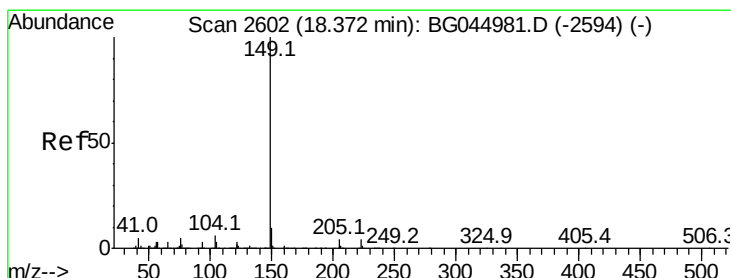
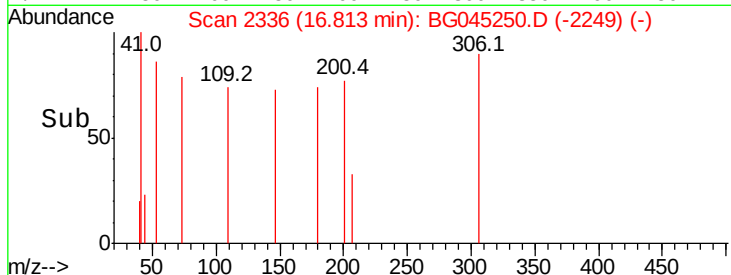
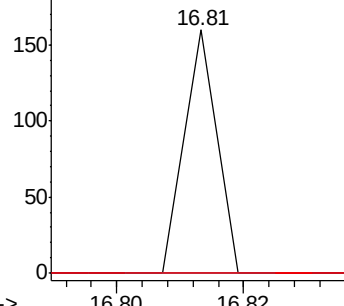
Tot Ion	Ratio	Lower	Upper
200	100		
173	0.0	4.5	44.5#
215	0.0	30.0	70.0#



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#74

Di-n-butylphthalate

Concen: Below Cal

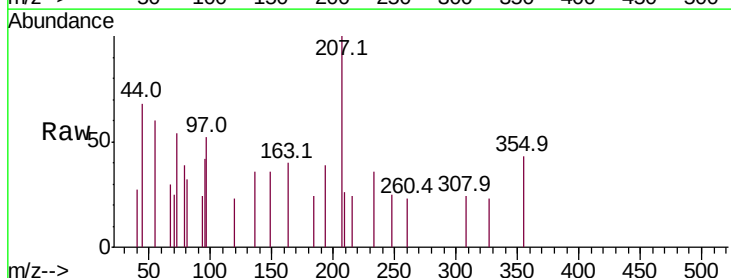
RT: 18.34 min Scan# 2596

Delta R.T. -0.00 min

Lab File: BG045250.D

Acq: 6 May 2020 12:59

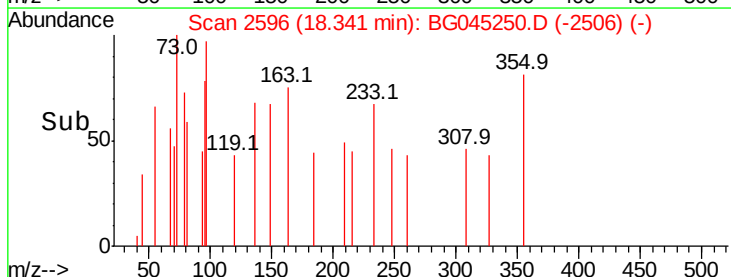
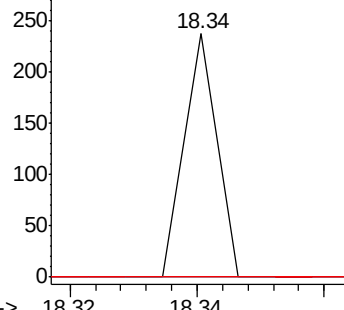
Tgt Ion	Ratio	Lower	Upper
149	100		
150	0.0	8.2	12.2#
104	0.0	4.8	7.2#

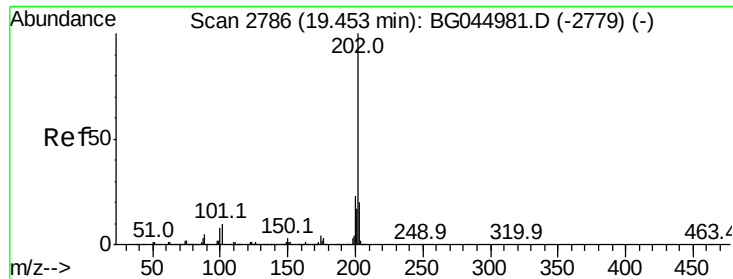


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

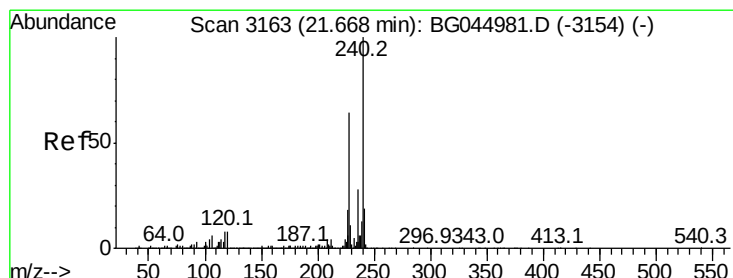
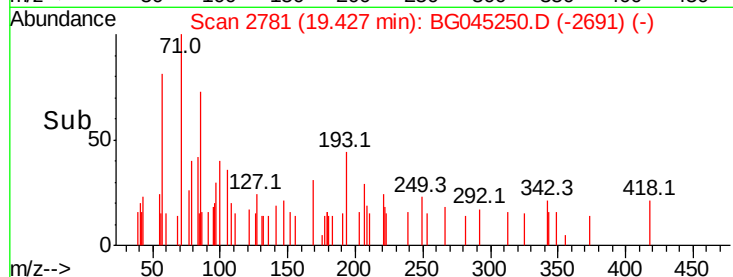
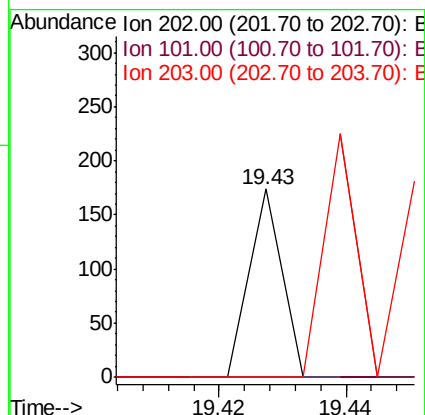
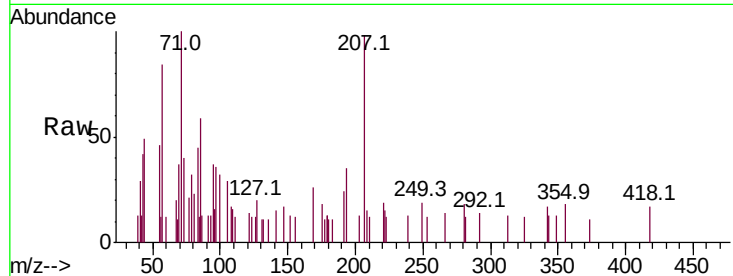




#75
 Fluoranthene
 Concen: Below Cal
 RT: 19.43 min Scan# 2781
 Delta R.T. -0.00 min
 Lab File: BG045250.D
 Acq: 6 May 2020 12:59

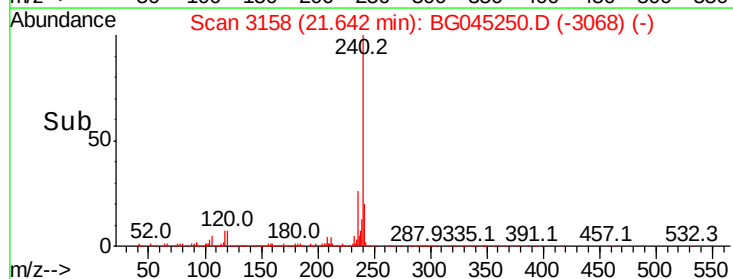
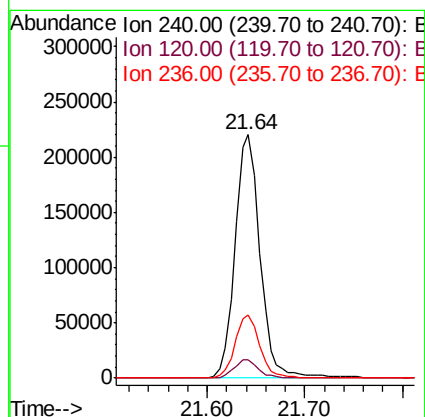
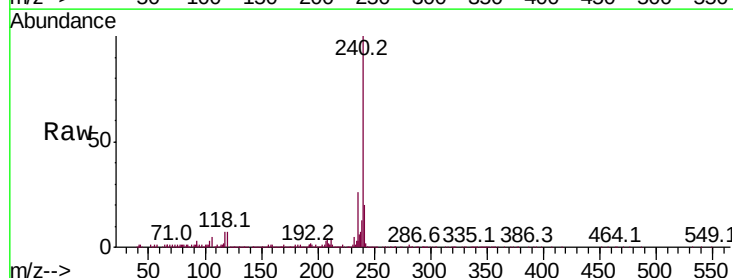
Instrument :
 BNA_G
 ClientSampleId :
 PB128670BL

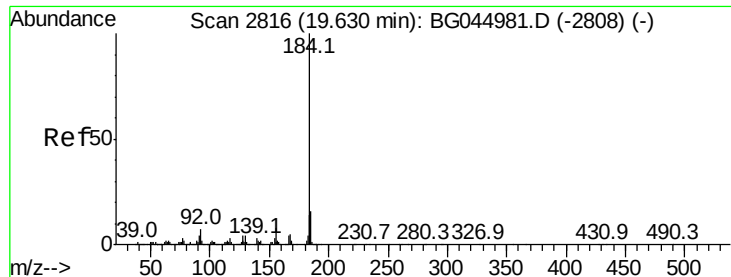
Tot Ion:	202	Resp:	61
Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	29.6
203	0.0	0.0	39.7



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.64 min Scan# 3158
 Delta R.T. -0.00 min
 Lab File: BG045250.D
 Acq: 6 May 2020 12:59

Tgt Ion:	240	Resp:	390951
Ion	Ratio	Lower	Upper
240	100		
120	7.4	6.6	10.0
236	25.9	22.2	33.2





#77

Benzidine

Concen: Below Cal

RT: 19.99 min Scan# 2877

Delta R.T. 0.39 min

Lab File: BG045250.D

Acq: 6 May 2020 12:59

Instrument :

BNA_G

ClientSampleId :

PB128670BL

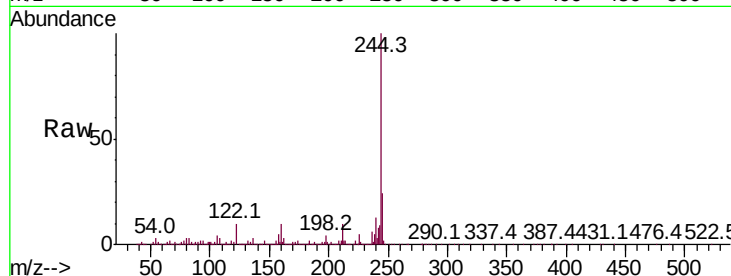
Tot Ion:184 Resp: 41213

Ion Ratio Lower Upper

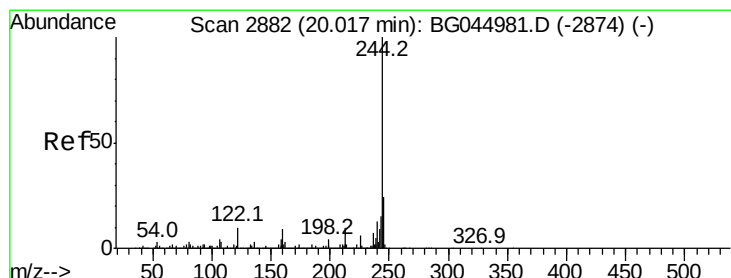
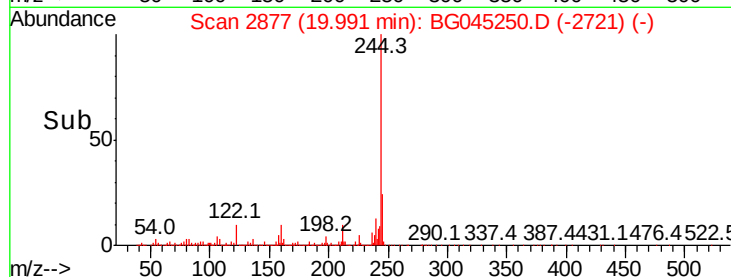
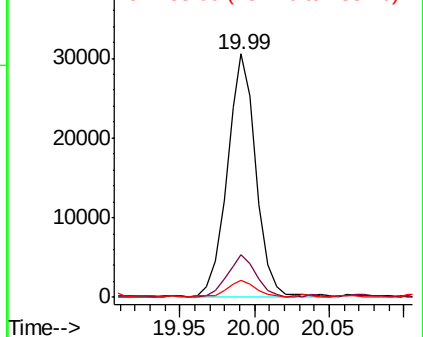
184 100

185 17.7 12.6 19.0

183 7.1 11.3 16.9#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 115.132 ng

RT: 19.99 min Scan# 2877

Delta R.T. -0.00 min

Lab File: BG045250.D

Acq: 6 May 2020 12:59

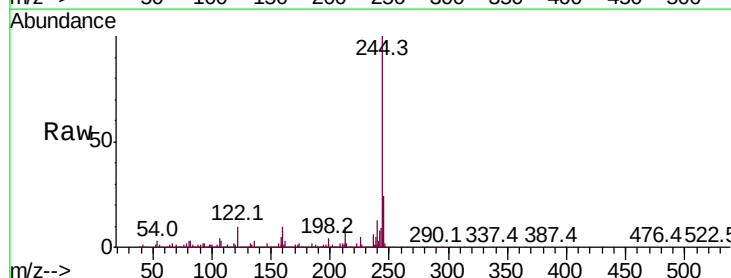
Tgt Ion:244 Resp: 2065128

Ion Ratio Lower Upper

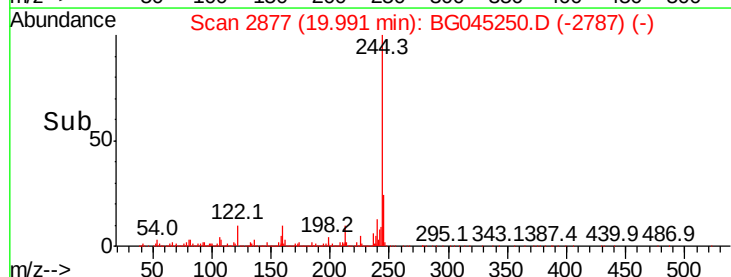
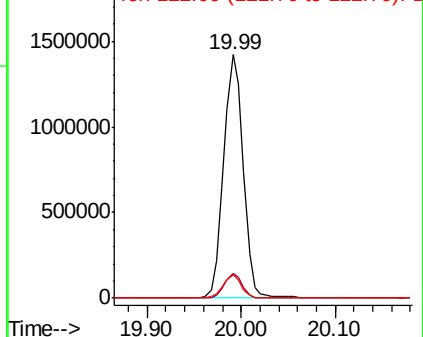
244 100

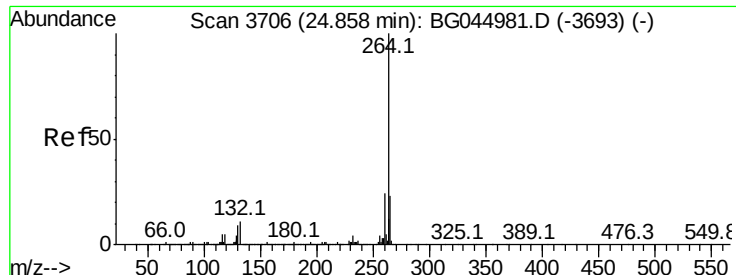
212 10.2 7.9 11.9

122 9.5 7.7 11.5



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
Pervlene-d12
Concen: 20.000 ng
RT: 24.82 min Scan# 3699
Delta R.T. 0.00 min
Lab File: BG045250.D
Acq: 6 May 2020 12:59

Instrument :
BNA_G
ClientSampleId :
PB128670BL

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	20.0	19.0	28.4

