

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041720\
 Data File : BG045045.D
 Acq On : 18 Apr 2020 00:27
 Operator : CG/JU
 Sample : PB128315TB
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB128315TB

Quant Time: Apr 18 02:25:38 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 17 11:08:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	56493	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	253785	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	202092	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	490503	20.00	ng	0.00
76) Chrysene-d12	21.66	240	474229	20.00	ng	0.00
87) Perylene-d12	24.85	264	502223	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.59	112	465310	135.98	ng	0.00
7) Phenol-d6	7.18	99	708229	139.30	ng	0.00
23) Nitrobenzene-d5	9.18	82	538889	96.89	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	477627	152.98	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1358548	98.57	ng	0.00
79) Terphenyl-d14	20.01	244	2336051	107.37	ng	0.00

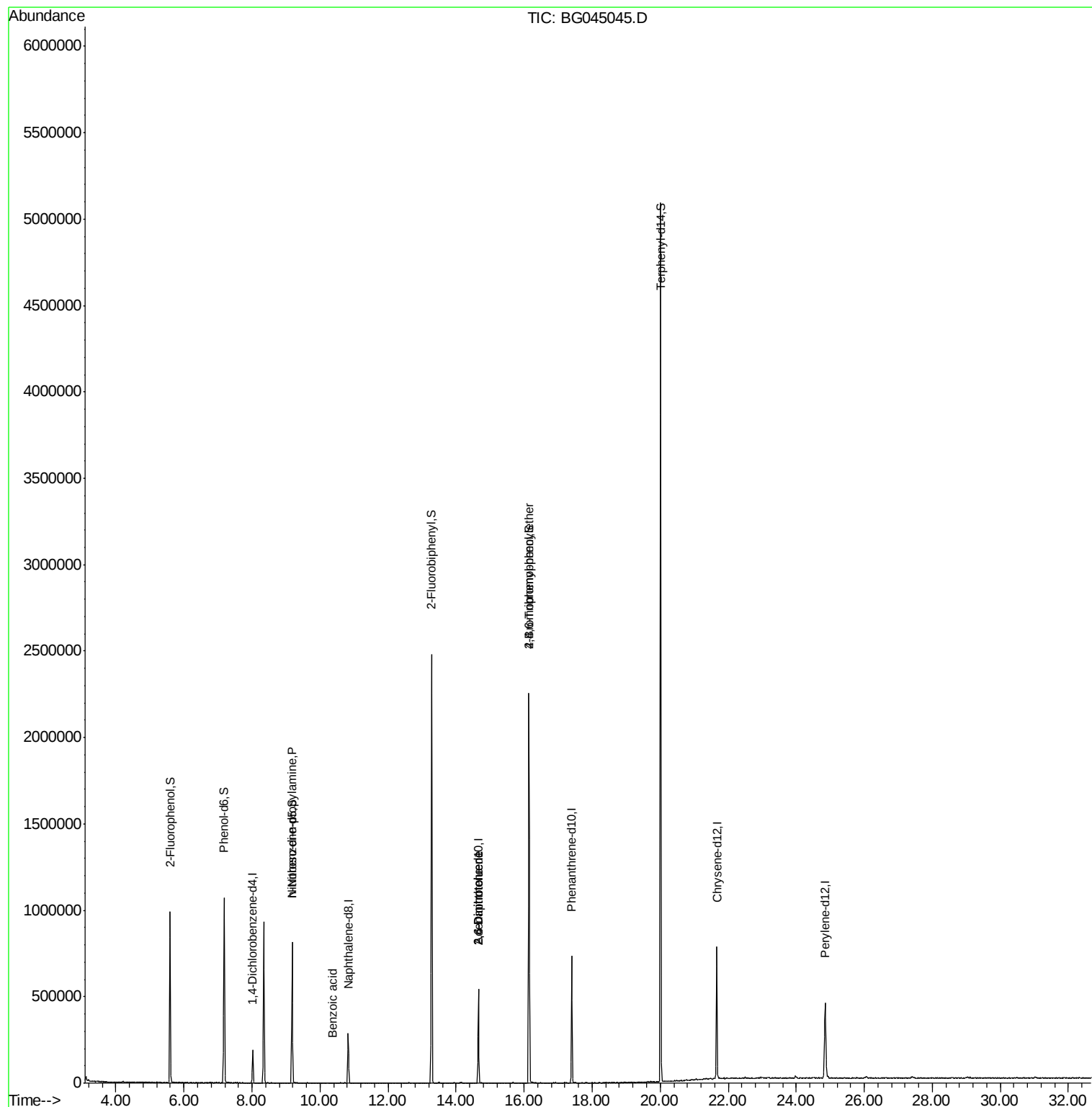
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	7.18	77	1341	Below Cal	#	4
19) n-Nitroso-di-n-propylamine	9.18	70	73810	20.529 ng	#	79
32) Benzoic acid	10.37	122	62	6.391 ng	#	1
51) 2,6-Dinitrotoluene	14.65	165	26755	7.269 ng	#	24
57) 2,4-Dinitrotoluene	14.65	165	26755	4.974 ng	#	22
67) 4-Bromophenyl-phenylether	16.15	248	31689	5.008 ng	#	1
69) Atrazine	16.39	200	57	Below Cal	#	35
74) Di-n-butylphthalate	18.38	149	62	Below Cal	#	76
75) Fluoranthene	19.45	202	257	Below Cal	#	62
77) Benzidine	20.01	184	46696	Below Cal	#	91

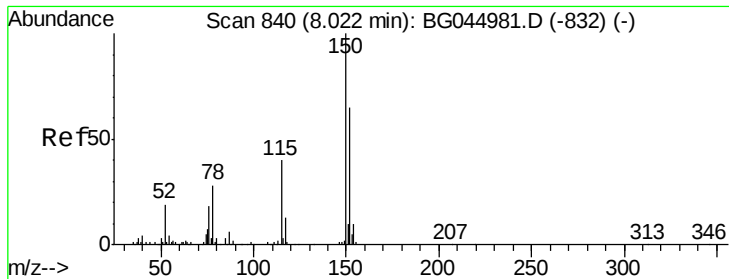
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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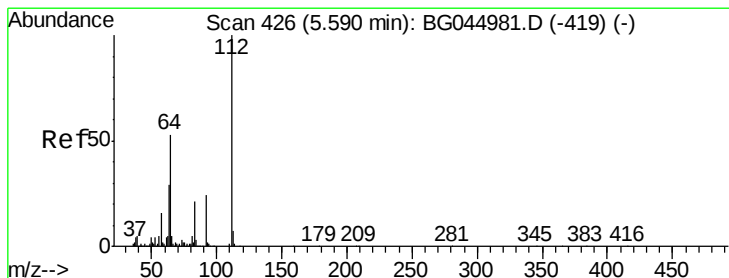
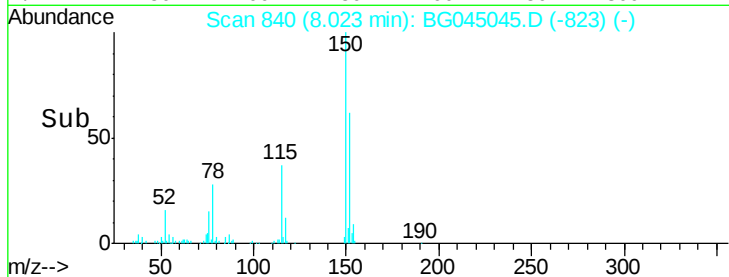
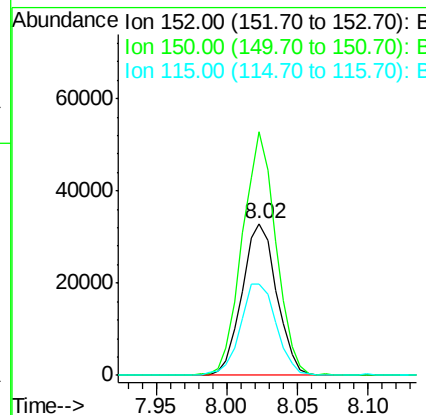
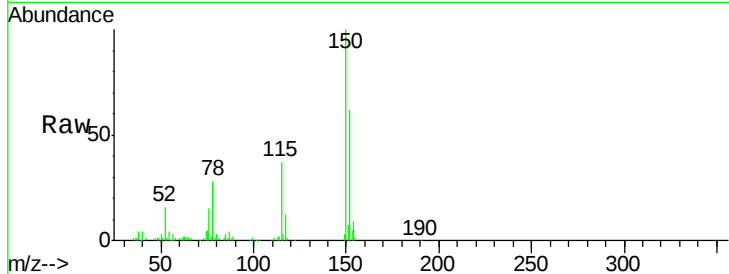


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.00 min
Lab File: BG045045.D
Acq: 18 Apr 2020 00:27

Instrument :
BNA_G
ClientSampleId :
PB128315TB

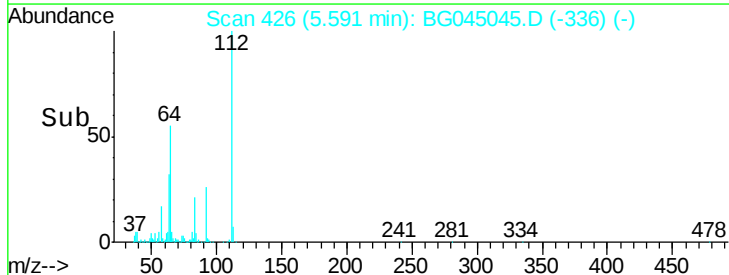
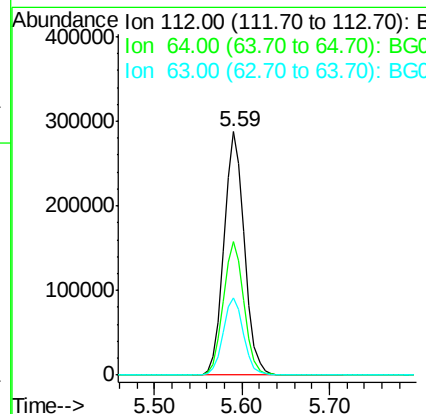
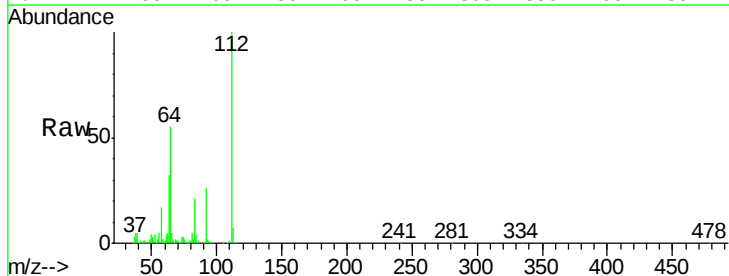
Tot Ion	Ratio	Lower	Upper
152	100		
150	160.5	123.6	185.4
115	59.9	49.1	73.7

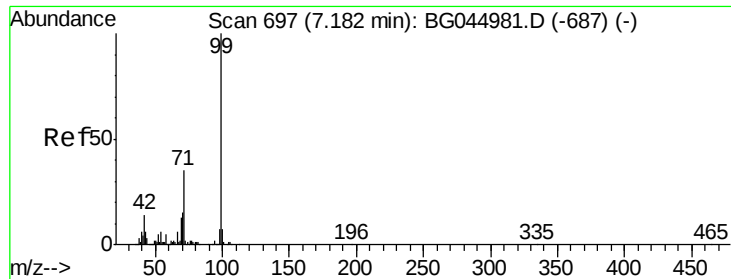


#5

2-Fluorophenol
Concen: 135.982 ng
RT: 5.59 min Scan# 426
Delta R.T. -0.00 min
Lab File: BG045045.D
Acq: 18 Apr 2020 00:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.6	42.4	63.6
63	31.8	23.1	34.7





#7

Phenol-d6

Concen: 139.305 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG045045.D

Acq: 18 Apr 2020 00:27

Instrument :

BNA_G

ClientSampleId :

PB128315TB

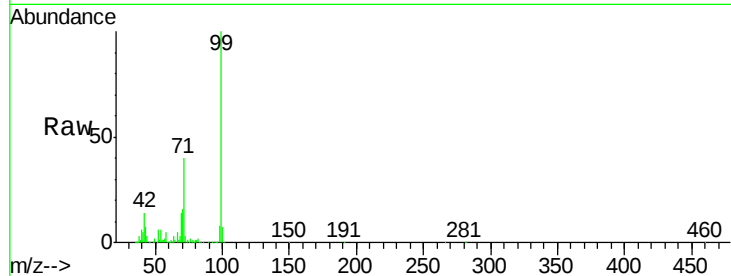
Tot Ion: 99 Resp: 708229

Ion Ratio Lower Upper

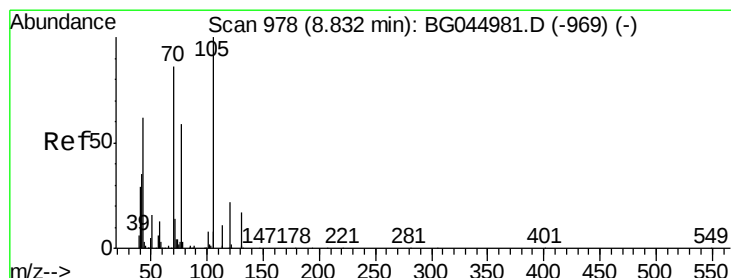
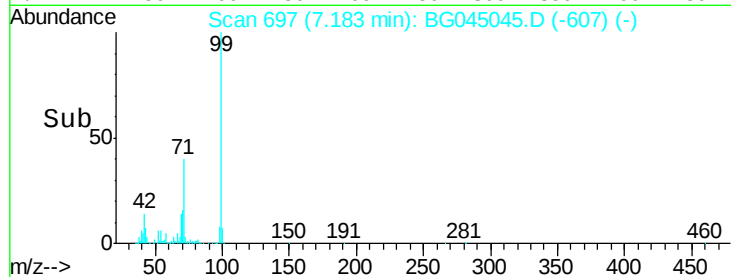
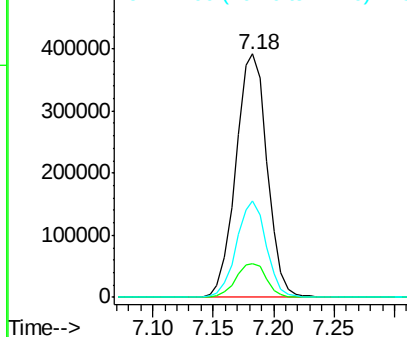
99 100

42 13.8 11.3 16.9

71 39.8 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: 20.529 ng

RT: 9.18 min Scan# 1037

Delta R.T. 0.35 min

Lab File: BG045045.D

Acq: 18 Apr 2020 00:27

Tgt Ion: 70 Resp: 73810

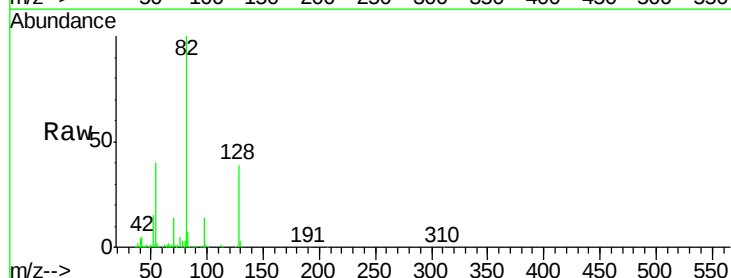
Ion Ratio Lower Upper

70 100

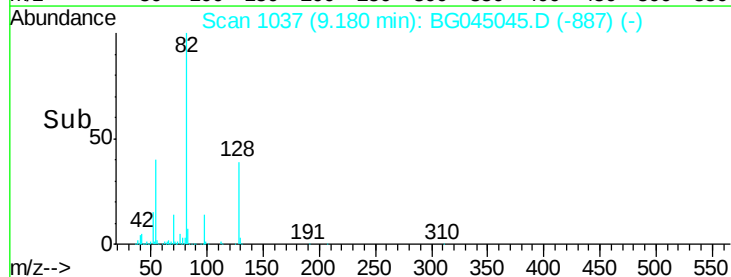
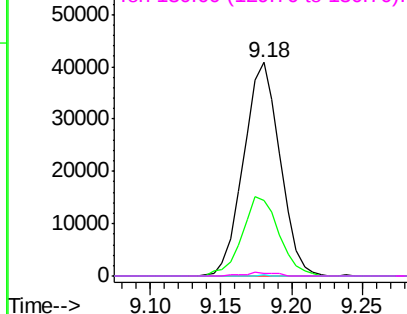
42 35.3 33.3 49.9

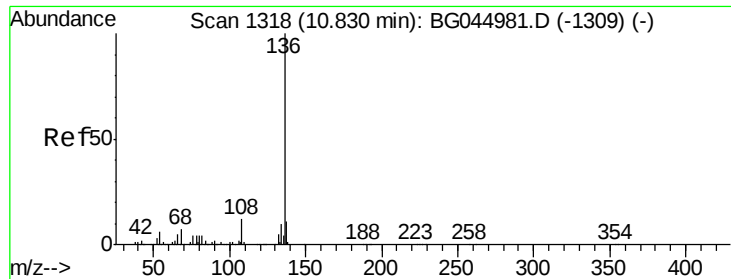
101 0.4 7.8 11.8#

130 1.3 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

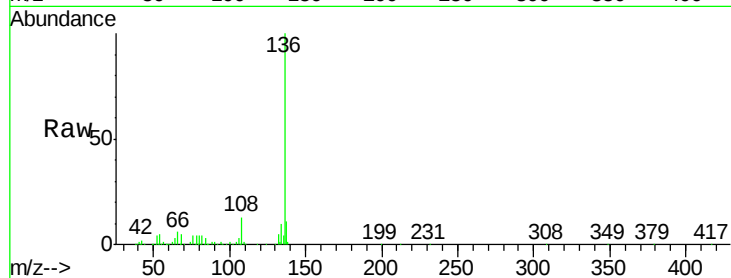




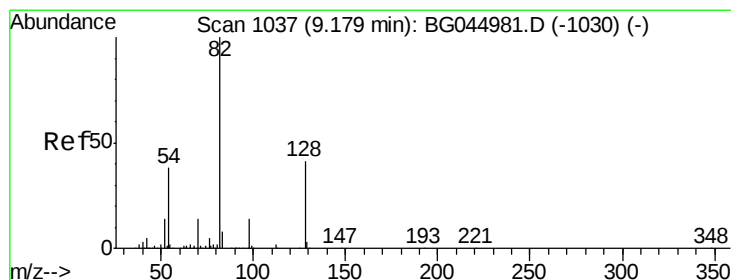
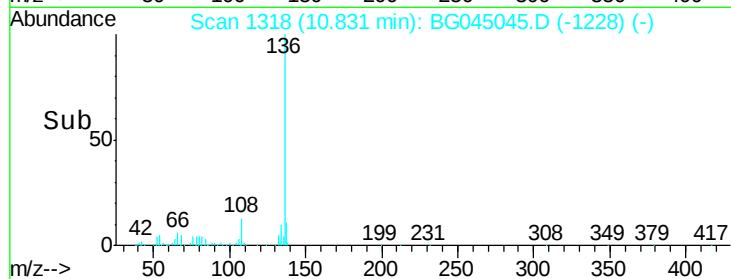
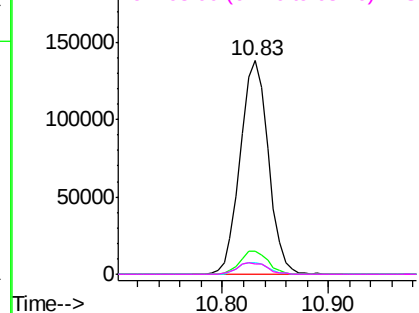
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BG045045.D
Acq: 18 Apr 2020 00:27

Instrument :
BNA_G
ClientSampleId :
PB128315TB

Tot Ion:136	Resp: 253785
Ion Ratio	Lower Upper
136 100	
137 11.1	8.6 13.0
54 5.1	4.8 7.2
68 4.8	5.2 7.8#

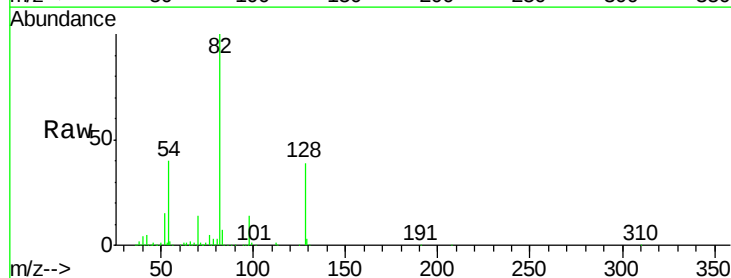


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

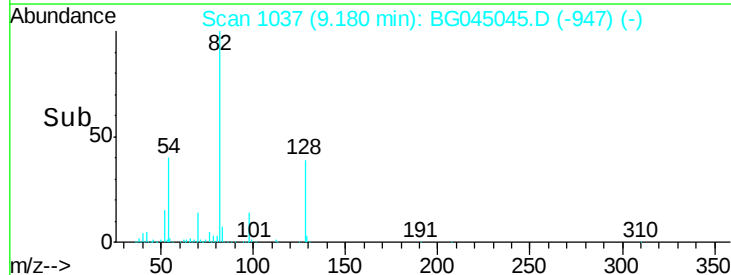
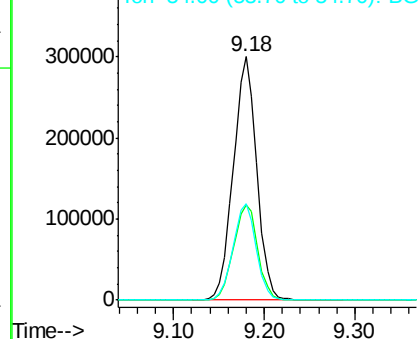


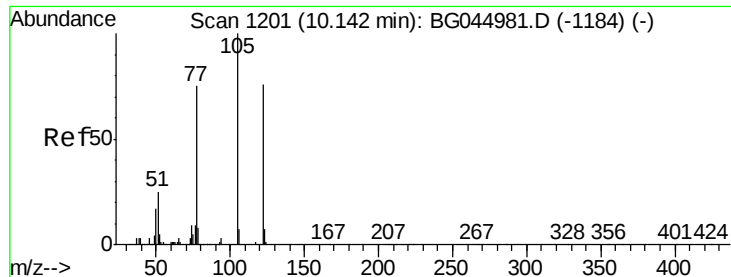
#23
Nitrobenzene-d5
Concen: 96.889 ng
RT: 9.18 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BG045045.D
Acq: 18 Apr 2020 00:27

Tgt Ion: 82	Resp: 538889
Ion Ratio	Lower Upper
82 100	
128 39.0	33.0 49.4
54 39.6	30.4 45.6



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





#32

Benzoic acid

Concen: 6.391 ng

RT: 10.37 min Scan# 1239

Delta R.T. 0.22 min

Lab File: BG045045.D

Acq: 18 Apr 2020 00:27

Instrument :

BNA_G

ClientSampleId :

PB128315TB

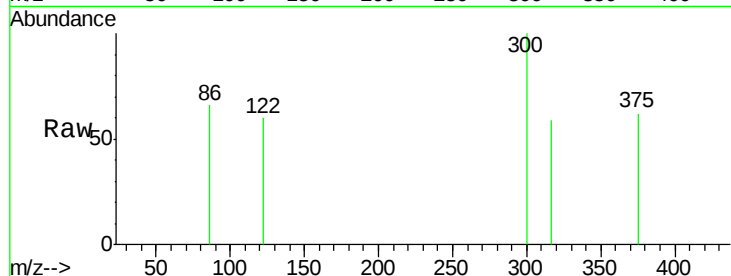
Tot Ion:122 Resp: 62

Ion Ratio Lower Upper

122 100

105 0.0 108.4 148.4#

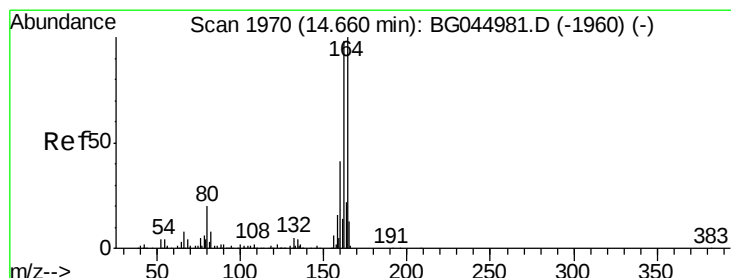
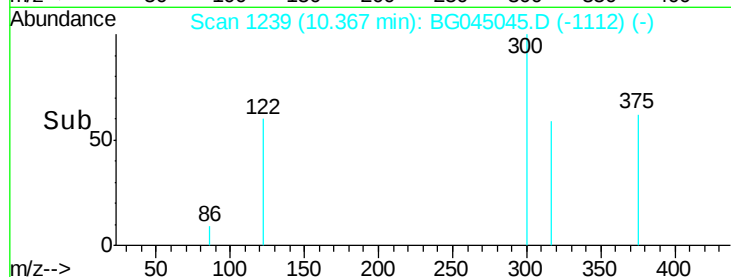
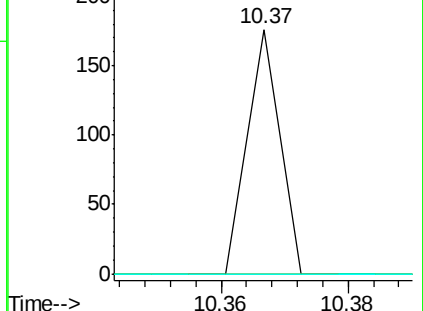
77 0.0 78.8 118.8#



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: 14.65 min Scan# 1969

Delta R.T. -0.00 min

Lab File: BG045045.D

Acq: 18 Apr 2020 00:27

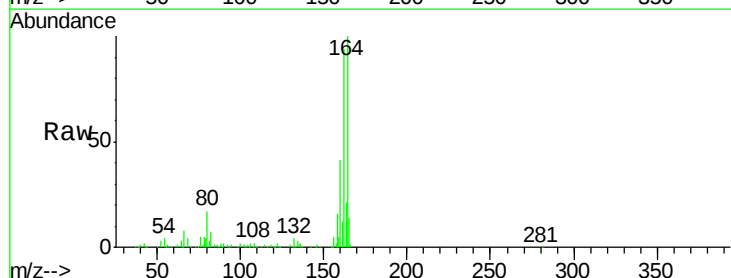
Tgt Ion:164 Resp: 202092

Ion Ratio Lower Upper

164 100

162 93.6 78.7 118.1

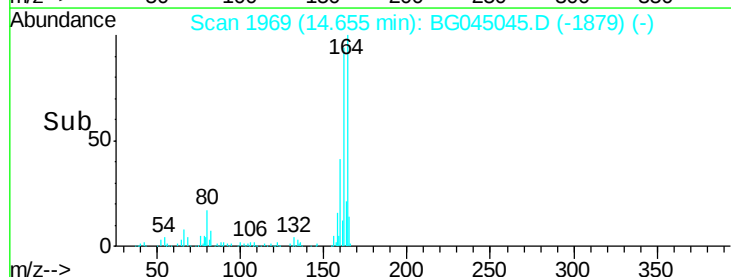
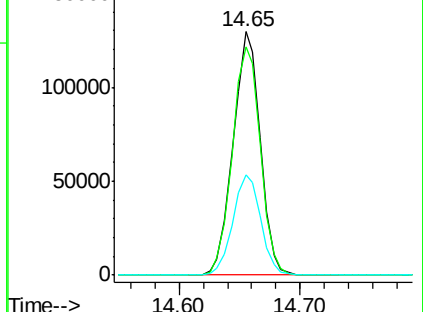
160 41.3 32.8 49.2

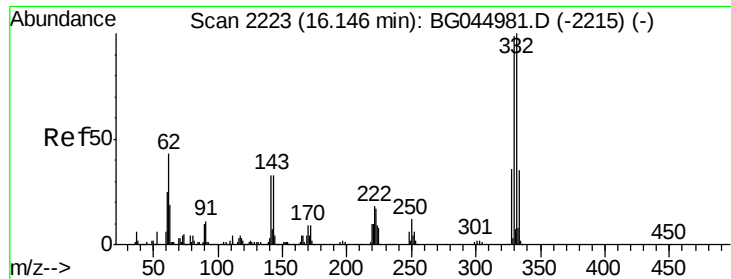


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

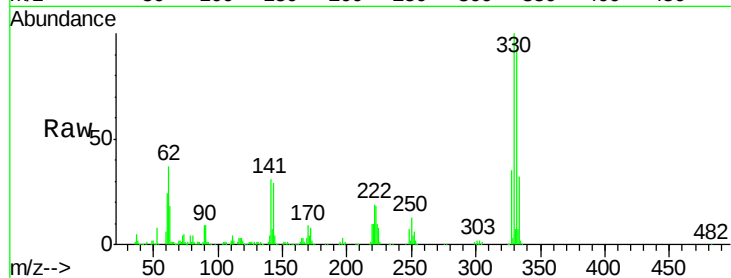




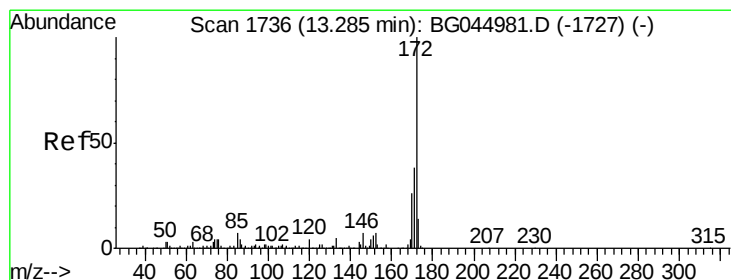
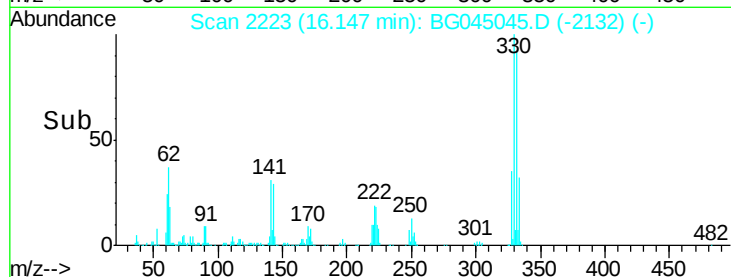
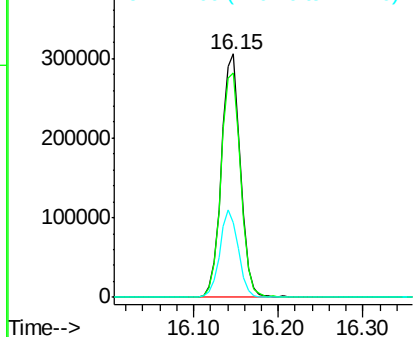
#42
2,4,6-Tribromophenol
Concen: 152.985 ng
RT: 16.15 min Scan# 2223
Delta R.T. 0.00 min
Lab File: BG045045.D
Acq: 18 Apr 2020 00:27

Instrument :
BNA_G
ClientSampleId :
PB128315TB

Tot Ion:330 Resp: 477627
Ion Ratio Lower Upper
330 100
332 95.4 79.1 118.7
141 34.9 27.1 40.7

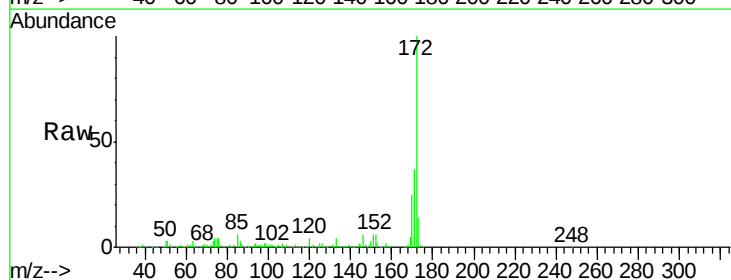


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

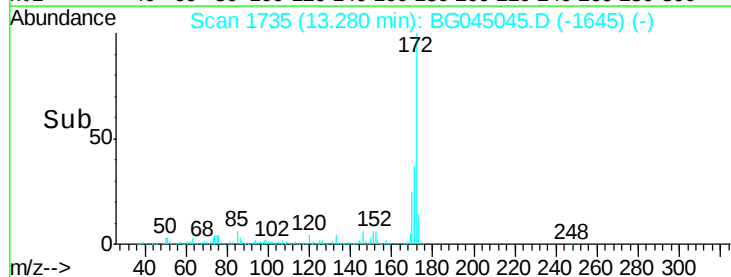
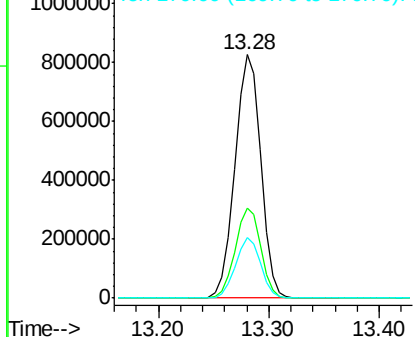


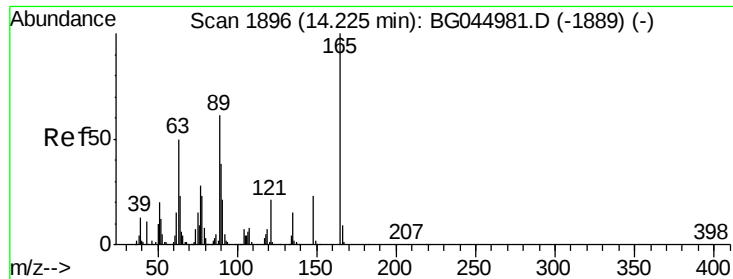
#45
2-Fluorobiphenyl
Concen: 98.572 ng
RT: 13.28 min Scan# 1735
Delta R.T. -0.00 min
Lab File: BG045045.D
Acq: 18 Apr 2020 00:27

Tgt Ion:172 Resp: 1358548
Ion Ratio Lower Upper
172 100
171 36.9 30.6 46.0
170 25.1 20.5 30.7



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

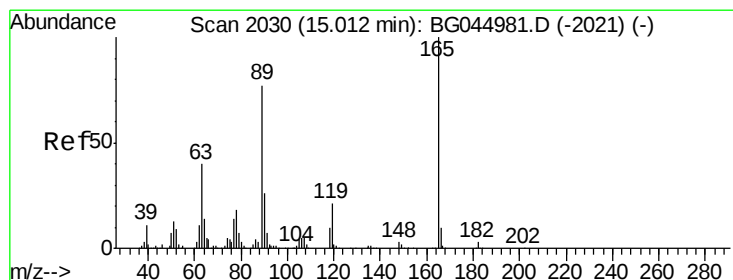
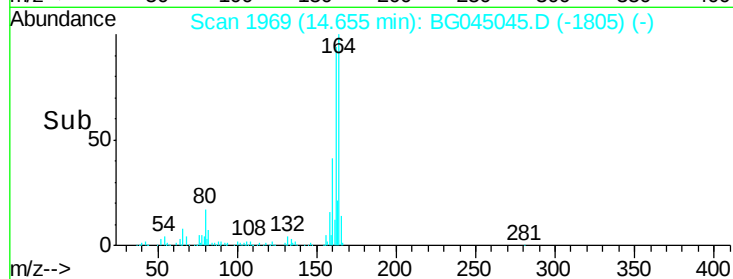
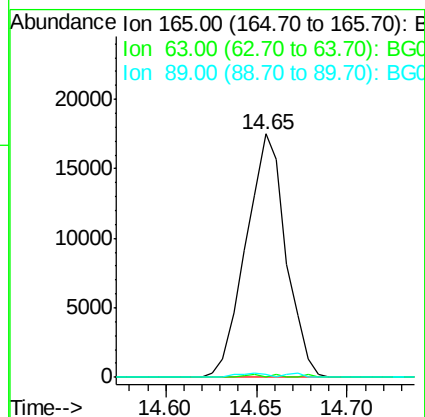
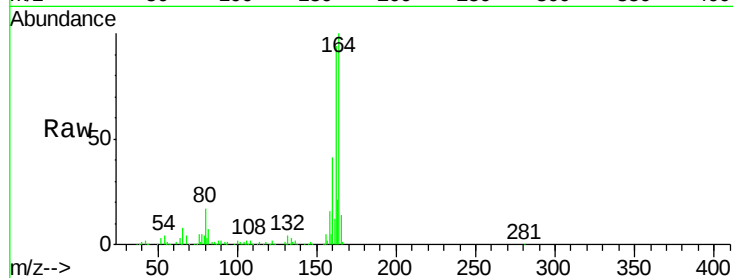




#51
 2,6-Dinitrotoluene
 Concen: 7.269 ng
 RT: 14.65 min Scan# 1969
 Delta R.T. 0.43 min
 Lab File: BG045045.D
 Acq: 18 Apr 2020 00:27

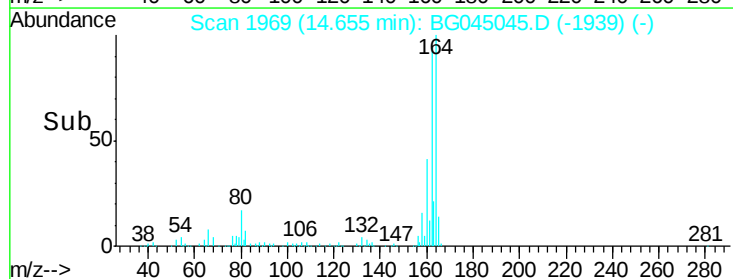
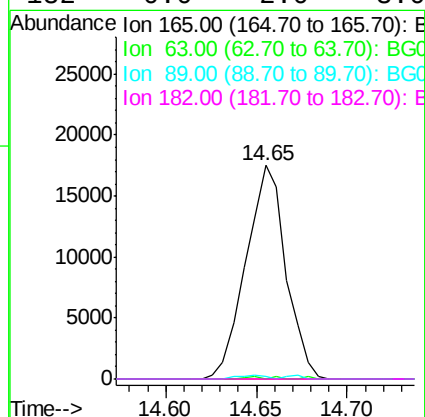
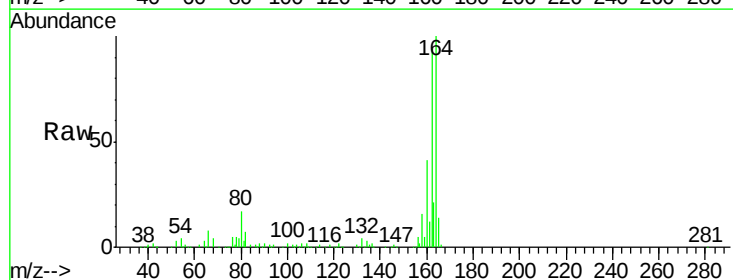
Instrument :
 BNA_G
 ClientSampleId :
 PB128315TB

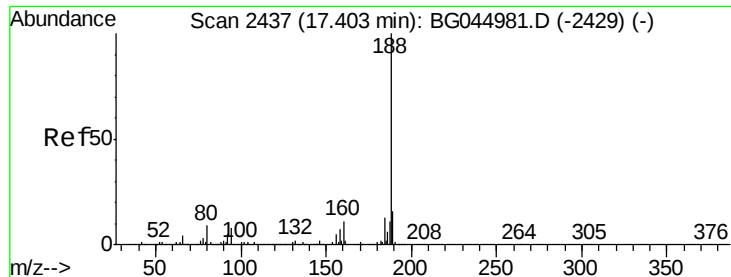
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	40.4	60.6#
89	1.4	49.1	73.7#



#57
 2,4-Dinitrotoluene
 Concen: 4.974 ng
 RT: 14.65 min Scan# 1969
 Delta R.T. -0.35 min
 Lab File: BG045045.D
 Acq: 18 Apr 2020 00:27

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	32.2	48.2#
89	1.4	61.7	92.5#
182	0.0	2.0	3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.40 min Scan# 2436

Delta R.T. -0.00 min

Lab File: BG045045.D

Acq: 18 Apr 2020 00:27

Instrument :

BNA_G

ClientSampleId :

PB128315TB

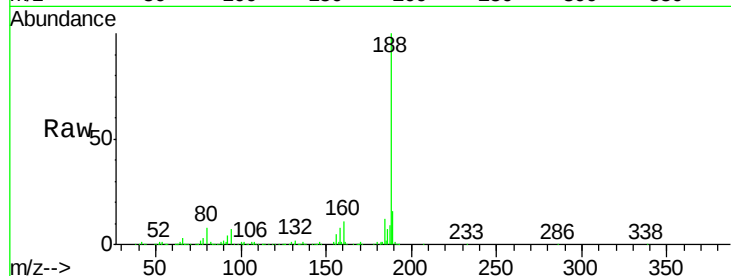
Tot Ion:188 Resp: 490503

Ion Ratio Lower Upper

188 100

94 6.8 6.2 9.4

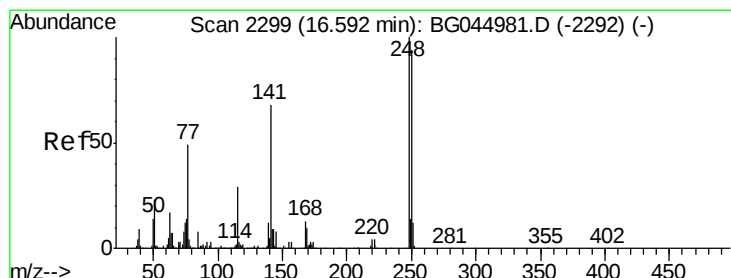
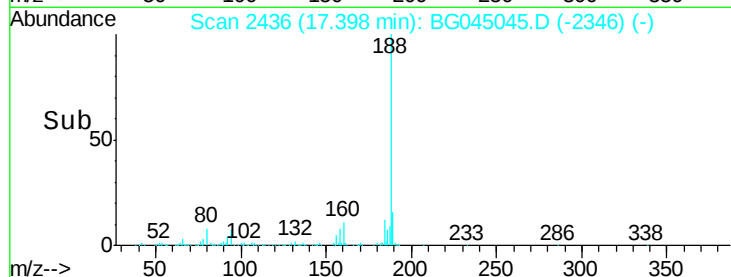
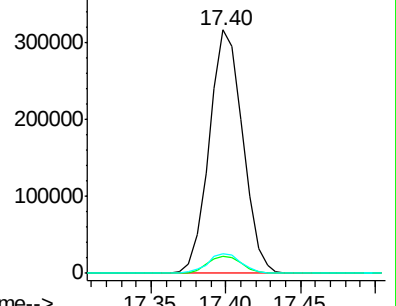
80 7.8 7.0 10.6



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: 5.008 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.44 min

Lab File: BG045045.D

Acq: 18 Apr 2020 00:27

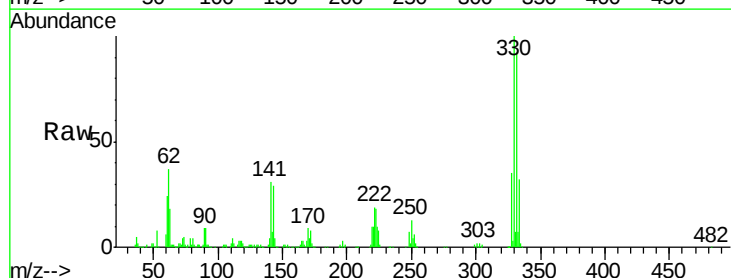
Tgt Ion:248 Resp: 31689

Ion Ratio Lower Upper

248 100

250 191.8 75.4 113.2#

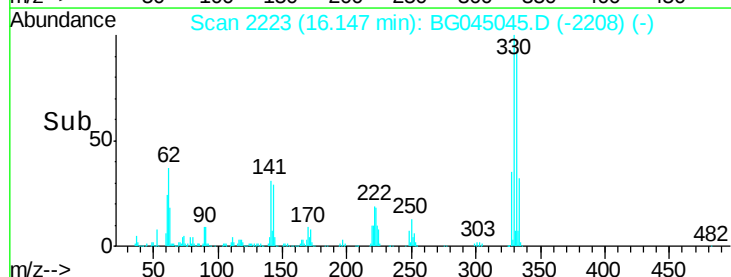
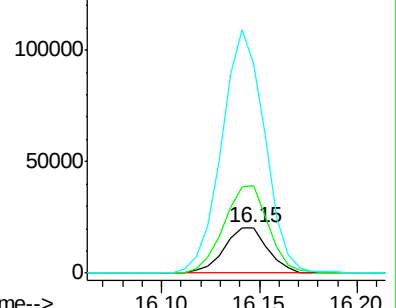
141 457.9 54.4 81.6#

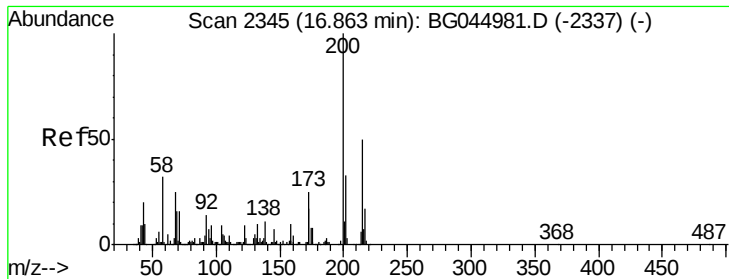


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#69

Atrazine

Concen: Below Cal

RT: 16.39 min Scan# 2265

Delta R.T. -0.47 min

Lab File: BG045045.D

Acq: 18 Apr 2020 00:27

Instrument :

BNA_G

ClientSampleId :

PB128315TB

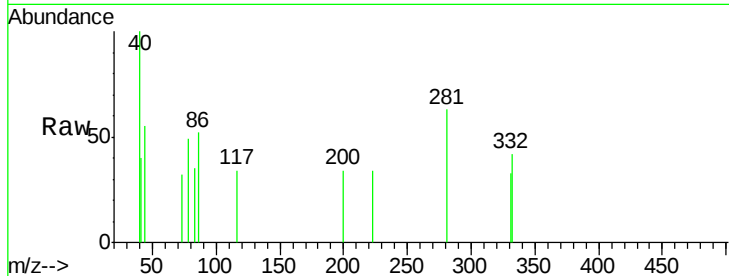
Tot Ion:200 Resp: 57

Ion Ratio Lower Upper

200 100

173 0.0 4.5 44.5#

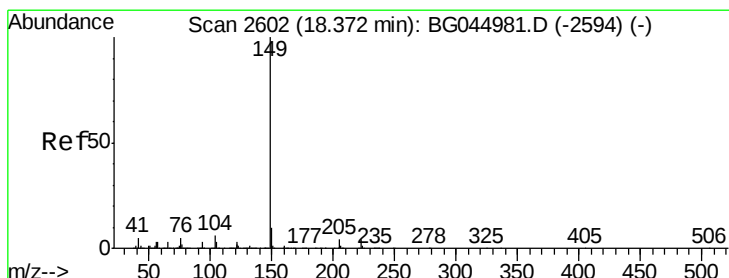
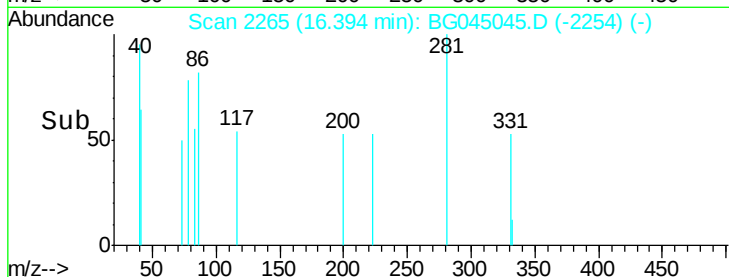
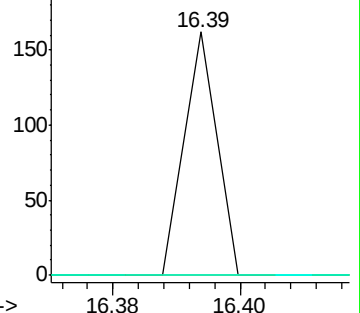
215 0.0 30.0 70.0#



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: 18.38 min Scan# 2603

Delta R.T. 0.01 min

Lab File: BG045045.D

Acq: 18 Apr 2020 00:27

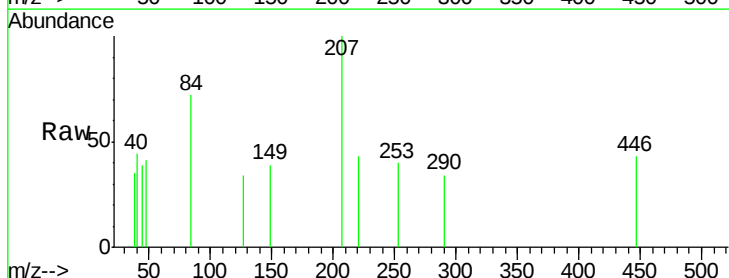
Tgt Ion:149 Resp: 62

Ion Ratio Lower Upper

149 100

150 0.0 8.2 12.2#

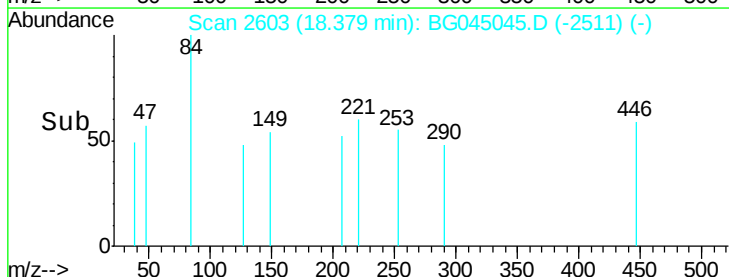
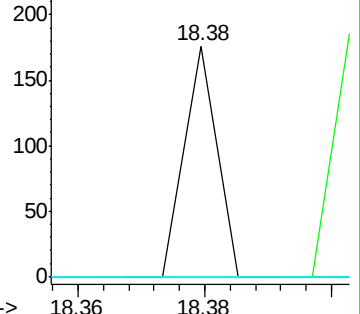
104 0.0 4.8 7.2#

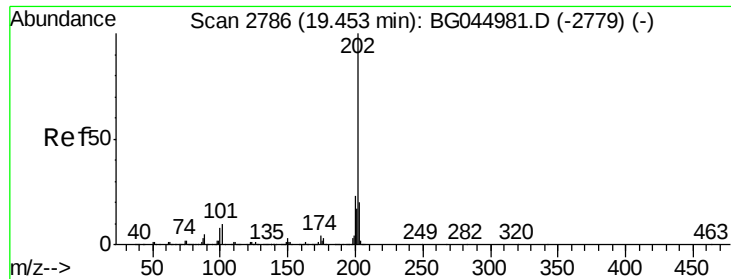


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: Below Cal

RT: 19.45 min Scan# 2786

Delta R.T. 0.00 min

Lab File: BG045045.D

Acq: 18 Apr 2020 00:27

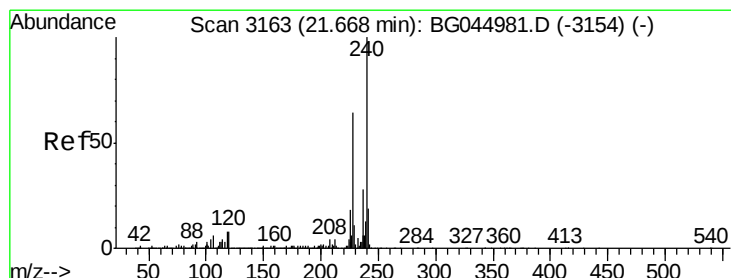
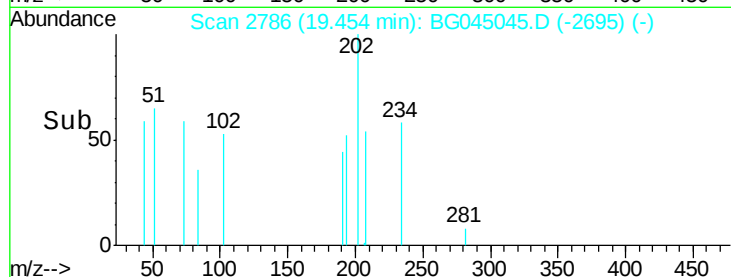
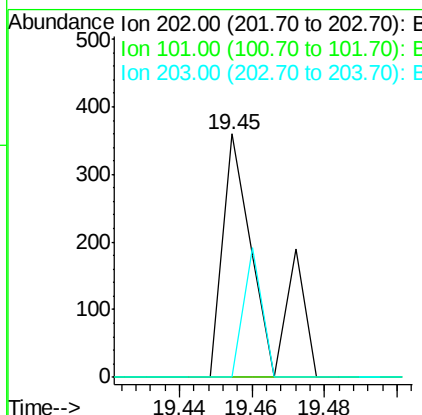
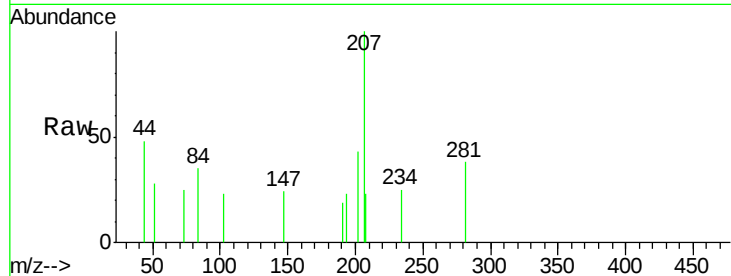
Instrument :

BNA_G

ClientSampleId :

PB128315TB

Tot Ion:	202	Resp:	257
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

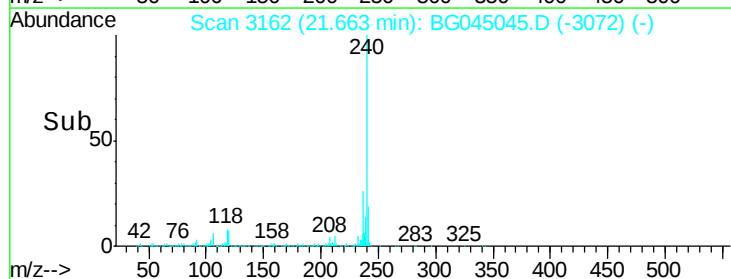
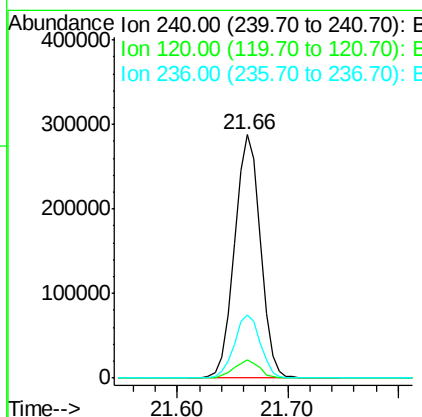
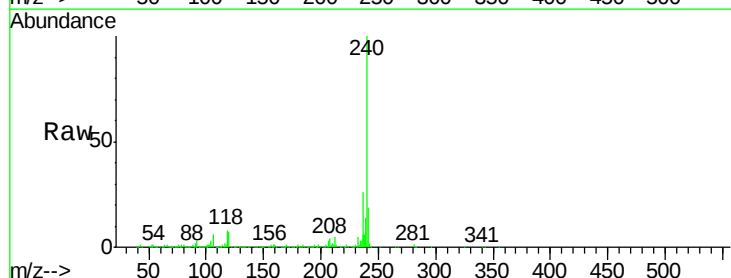
RT: 21.66 min Scan# 3162

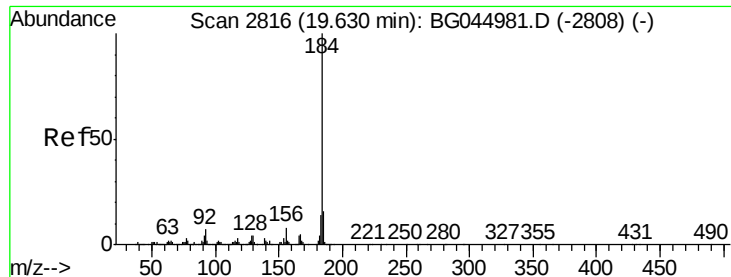
Delta R.T. -0.00 min

Lab File: BG045045.D

Acq: 18 Apr 2020 00:27

Tgt Ion:	240	Resp:	474229
Ion	Ratio	Lower	Upper
240	100		
120	7.3	6.6	10.0
236	25.9	22.2	33.2





#77

Benzidine

Concen: Below Cal

RT: 20.01 min Scan# 2881

Delta R.T. 0.39 min

Lab File: BG045045.D

Acq: 18 Apr 2020 00:27

Instrument :

BNA_G

ClientSampleId :

PB128315TB

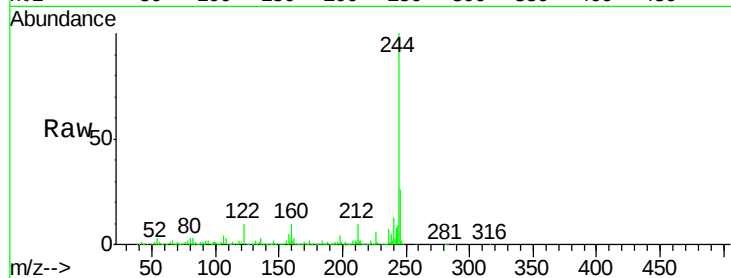
Tot Ion:184 Resp: 46696

Ion Ratio Lower Upper

184 100

185 15.9 12.6 19.0

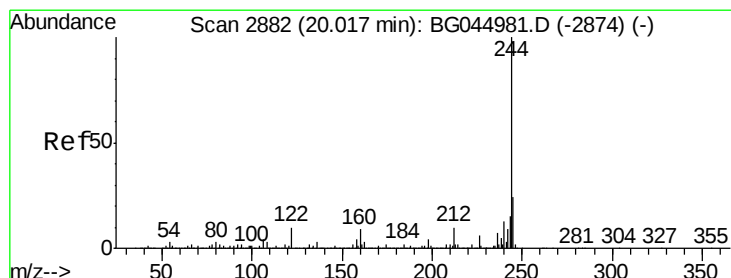
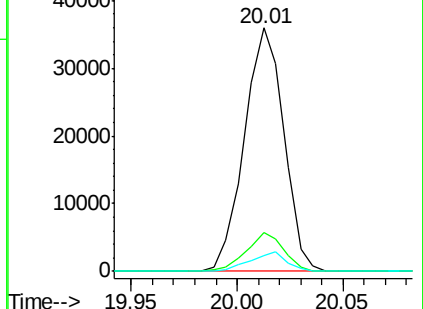
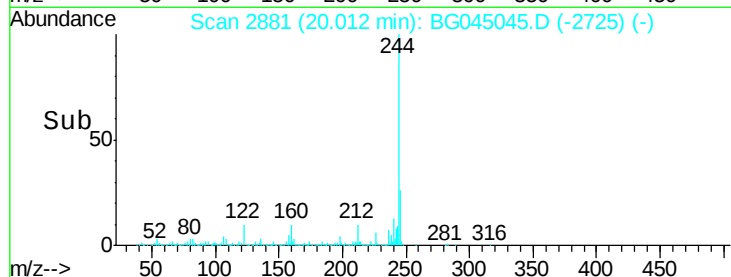
183 6.6 11.3 16.9#



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: 107.365 ng

RT: 20.01 min Scan# 2881

Delta R.T. -0.00 min

Lab File: BG045045.D

Acq: 18 Apr 2020 00:27

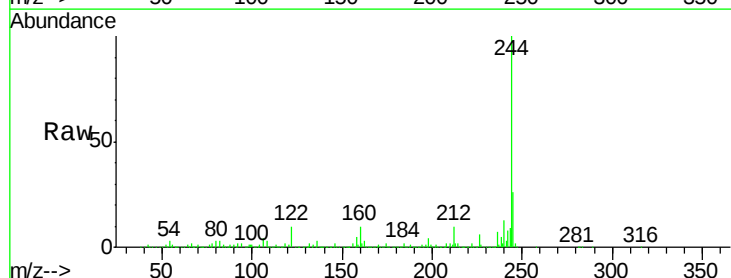
Tgt Ion:244 Resp: 2336051

Ion Ratio Lower Upper

244 100

212 10.3 7.9 11.9

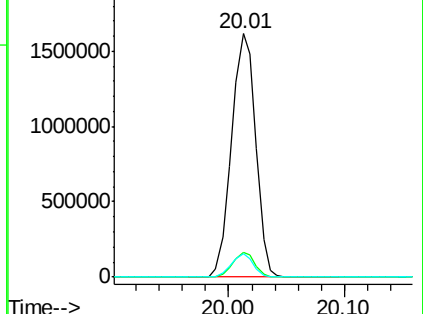
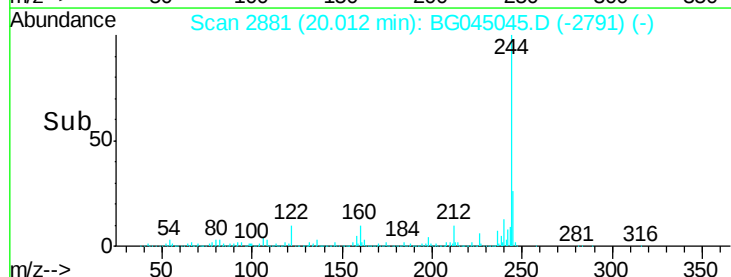
122 9.6 7.7 11.5

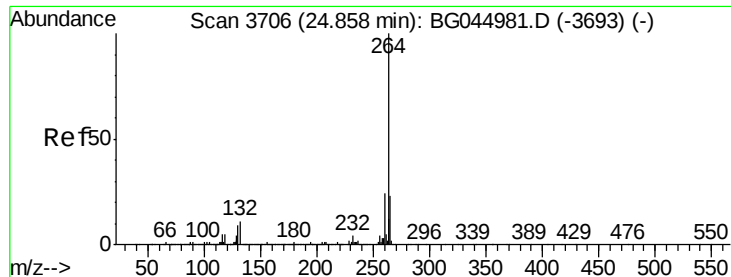


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

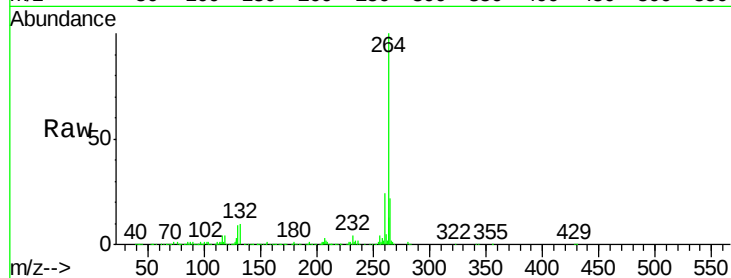




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.85 min Scan# 3705
 Delta R.T. -0.00 min
 Lab File: BG045045.D
 Acq: 18 Apr 2020 00:27

Instrument :
 BNA_G
 ClientSampleId :
 PB128315TB

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	22.2	19.0	28.4

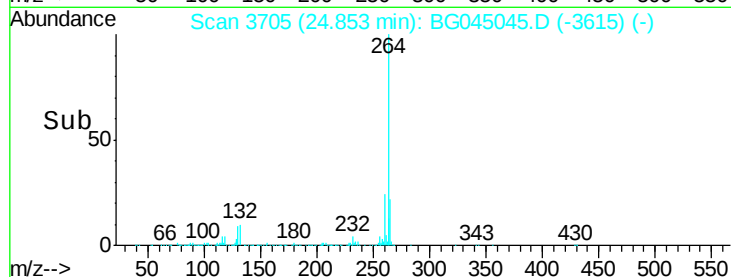
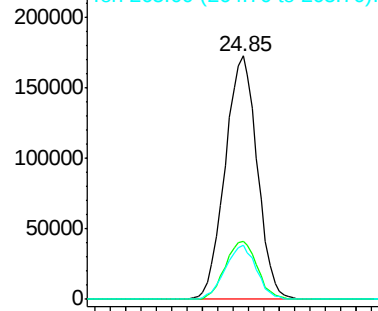


Abundance

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



Time-->