

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051120\
 Data File : BG045304.D
 Acq On : 11 May 2020 20:04
 Operator : CG/JU
 Sample : L2554-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DRUM-1-1

Quant Time: May 12 00:50:11 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 11 13:27:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	70673	20.00	ng	0.00
21) Naphthalene-d8	10.78	136	263810	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	181442	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	422743	20.00	ng	0.00
76) Chrysene-d12	21.63	240	438929	20.00	ng	-0.01
87) Perylene-d12	24.79	264	472144	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.54	112	614703	143.60	ng	0.00
7) Phenol-d6	7.14	99	795975	125.15	ng	0.00
23) Nitrobenzene-d5	9.13	82	625834	108.24	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	455847	162.63	ng	0.00
45) 2-Fluorobiphenyl	13.24	172	1395458	112.77	ng	0.00
79) Terphenyl-d14	19.98	244	2332682	115.83	ng	0.00

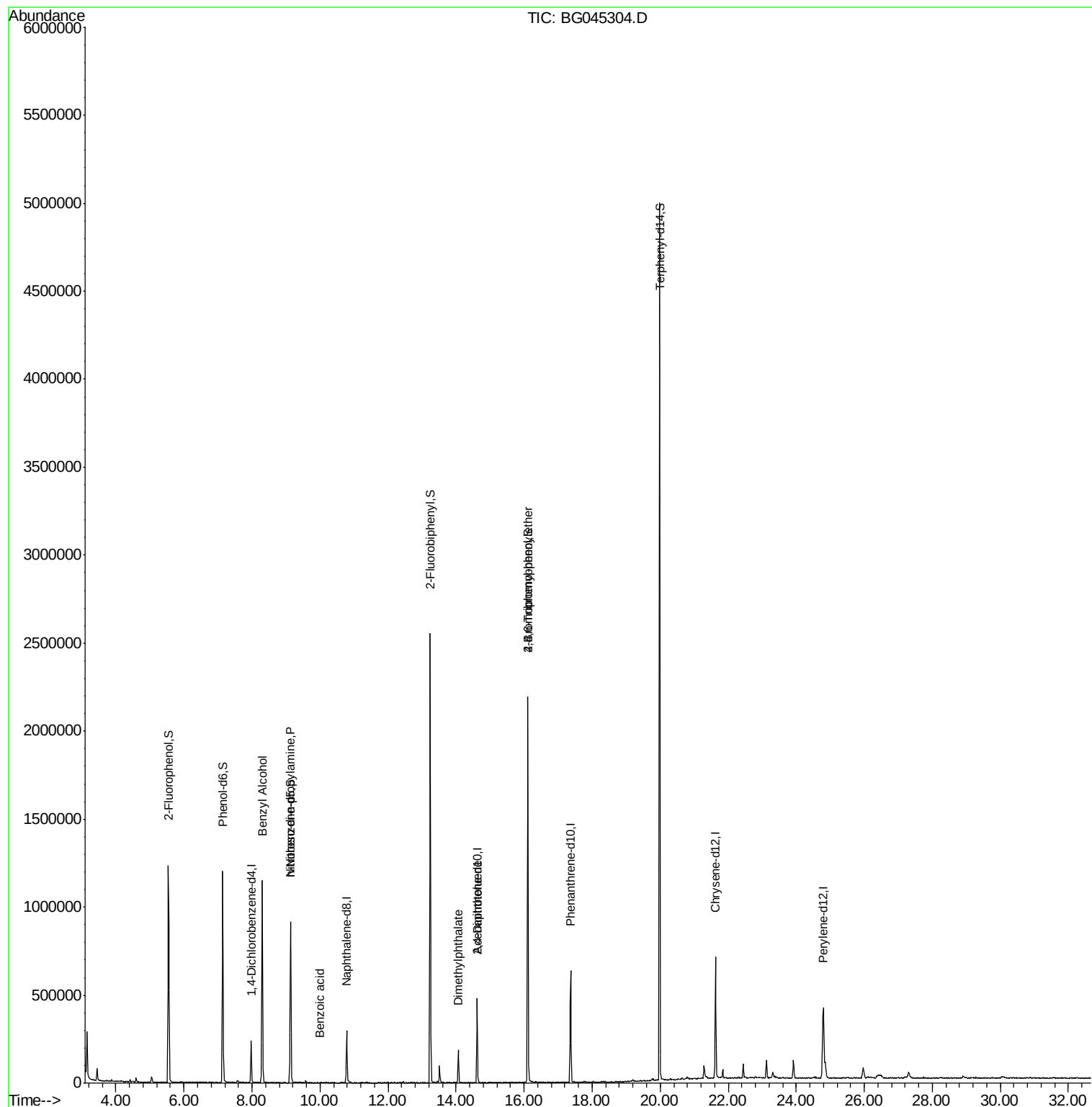
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	7.07	77	146	Below Cal	#	1
15) Benzyl Alcohol	8.30	79	11331	2.125	ng	50
19) n-Nitroso-di-n-propylamine	9.13	70	86998	19.342	ng	82
32) Benzoic acid	9.99	122	69	6.392	ng	1
50) Dimethylphthalate	14.07	163	128592	8.704	ng	99
57) 2,4-Dinitrotoluene	14.61	165	24949	5.166	ng	22
67) 4-Bromophenyl-phenylether	16.11	248	29742	5.454	ng	1
74) Di-n-butylphthalate	18.33	149	4076	Below Cal	#	87
75) Fluoranthene	19.17	202	61	Below Cal	#	62
77) Benzidine	19.98	184	48802	Below Cal	#	92

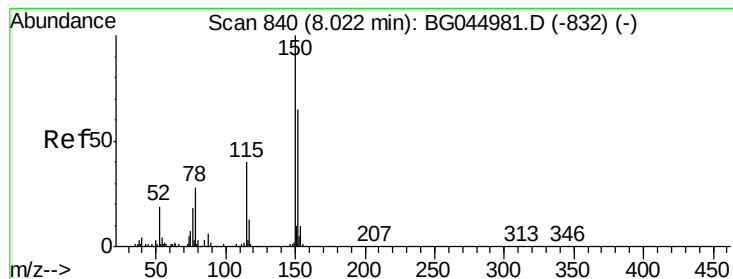
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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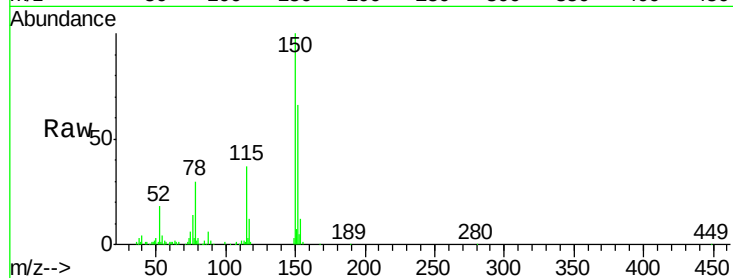


#1

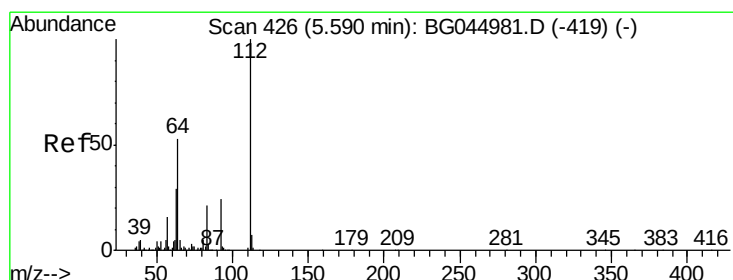
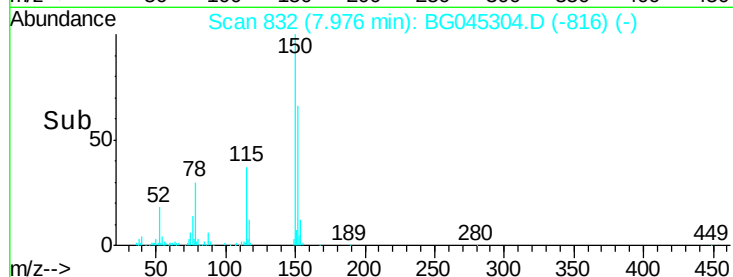
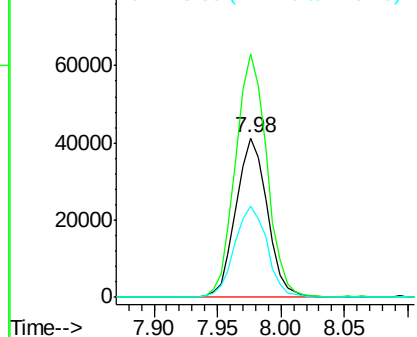
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.98 min Scan# 832
Delta R.T. -0.01 min
Lab File: BG045304.D
Acq: 11 May 2020 20:04

Instrument :
BNA_G
ClientSampleId :
DRUM-1-1

Tot Ion:152 Resp: 70673
Ion Ratio Lower Upper
152 100
150 152.4 123.6 185.4
115 57.2 49.1 73.7



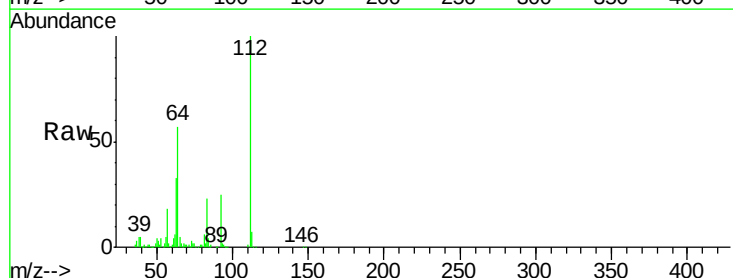
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



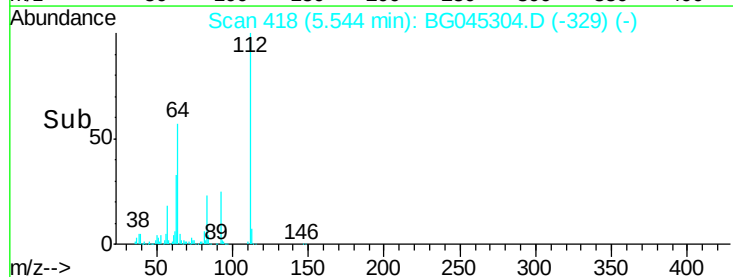
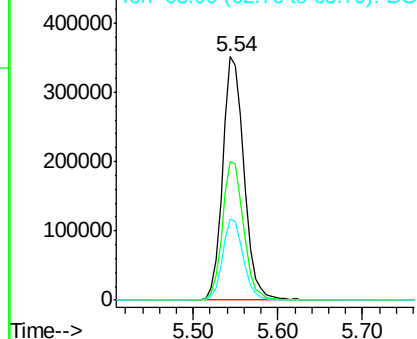
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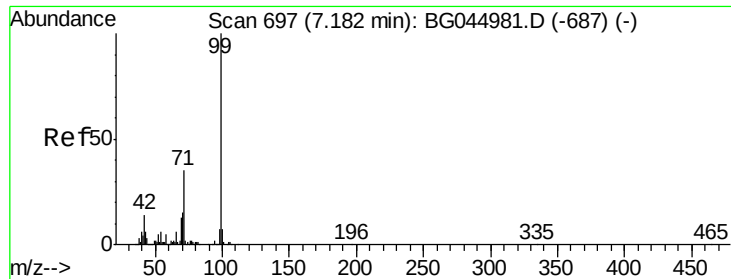
2-Fluorophenol
Concen: 143.597 ng
RT: 5.54 min Scan# 418
Delta R.T. -0.01 min
Lab File: BG045304.D
Acq: 11 May 2020 20:04

Tgt Ion:112 Resp: 614703
Ion Ratio Lower Upper
112 100
64 56.9 42.4 63.6
63 33.1 23.1 34.7



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: 125.151 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.01 min

Lab File: BG045304.D

Acq: 11 May 2020 20:04

Instrument :

BNA_G

ClientSampleId :

DRUM-1-1

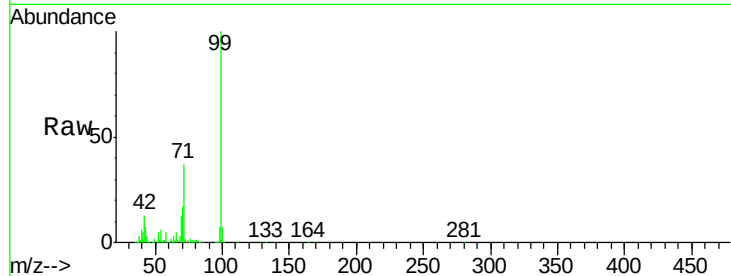
Tot Ion: 99 Resp: 795975

Ion Ratio Lower Upper

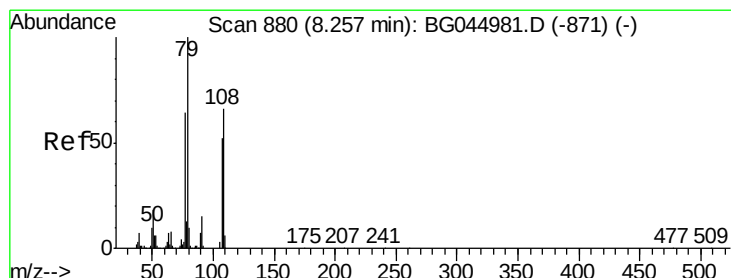
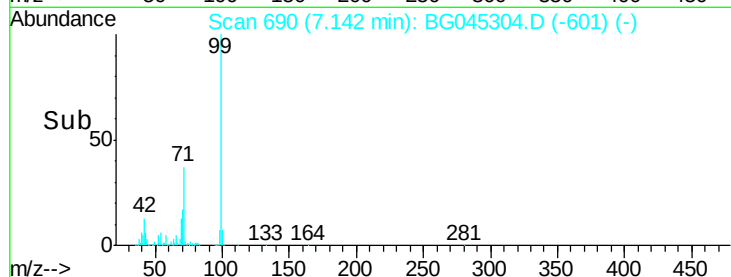
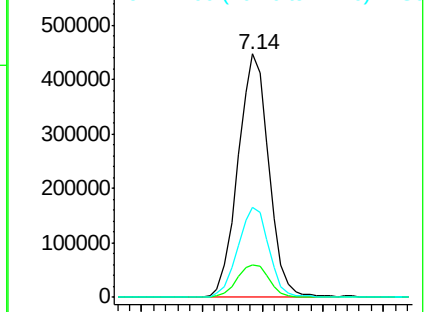
99 100

42 13.4 11.3 16.9

71 37.2 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: 2.125 ng

RT: 8.30 min Scan# 887

Delta R.T. 0.08 min

Lab File: BG045304.D

Acq: 11 May 2020 20:04

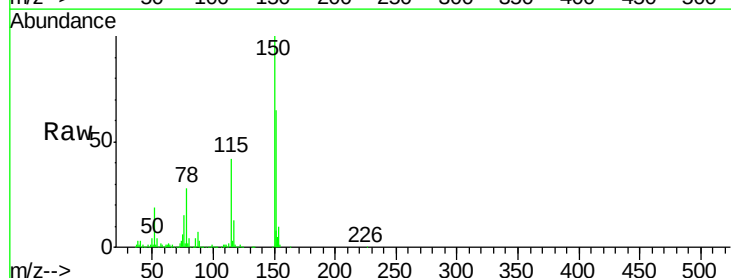
Tgt Ion: 79 Resp: 11331

Ion Ratio Lower Upper

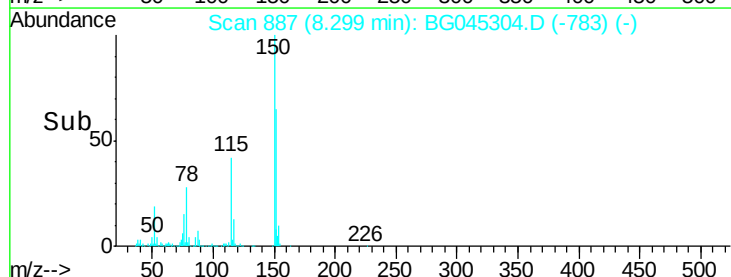
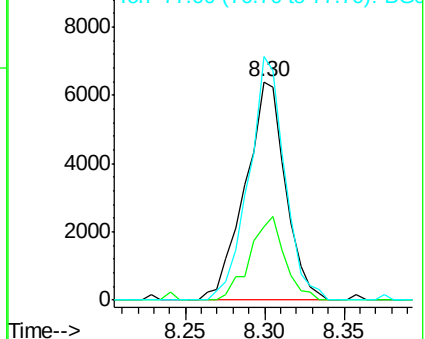
79 100

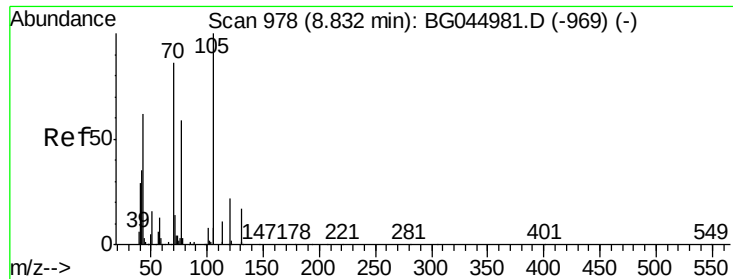
108 33.9 52.7 79.1#

77 111.7 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

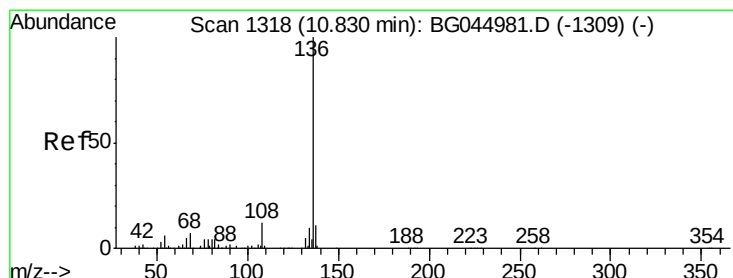
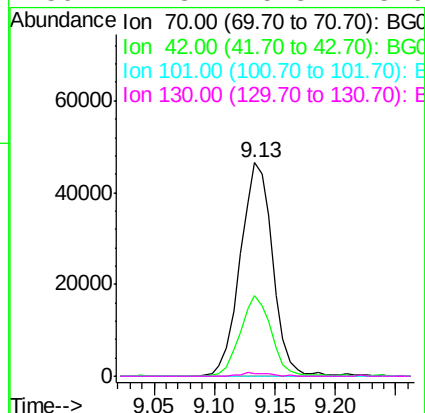
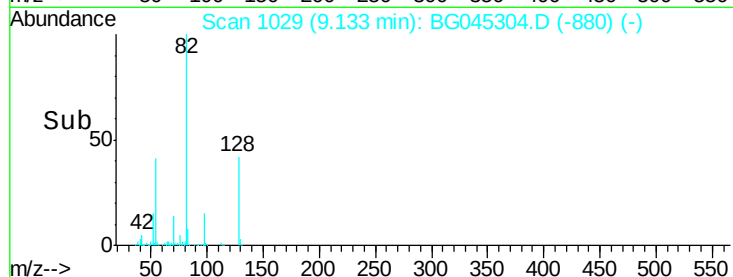
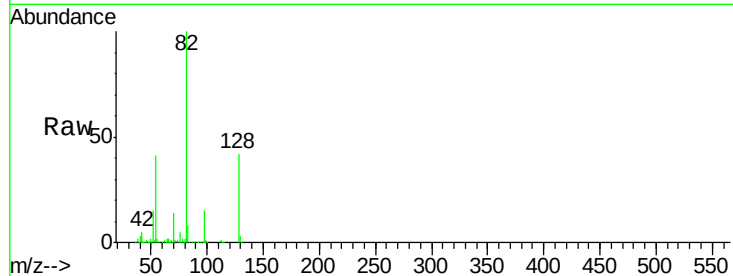




#19
n-Nitroso-di-n-propylamine
Concen: 19.342 ng
RT: 9.13 min Scan# 1029
Delta R.T. 0.35 min
Lab File: BG045304.D
Acq: 11 May 2020 20:04

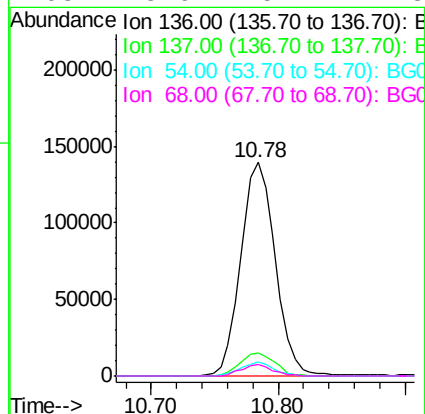
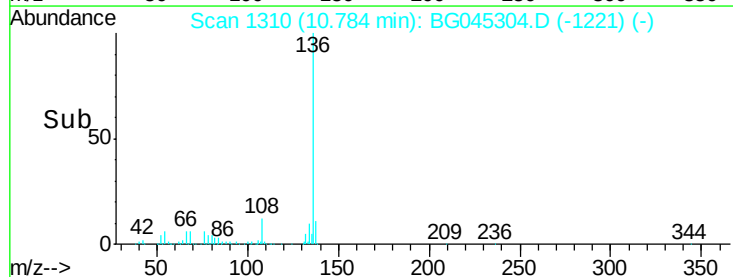
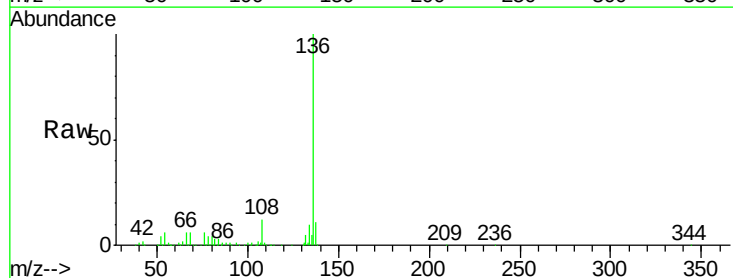
Instrument :
BNA_G
ClientSampleId :
DRUM-1-1

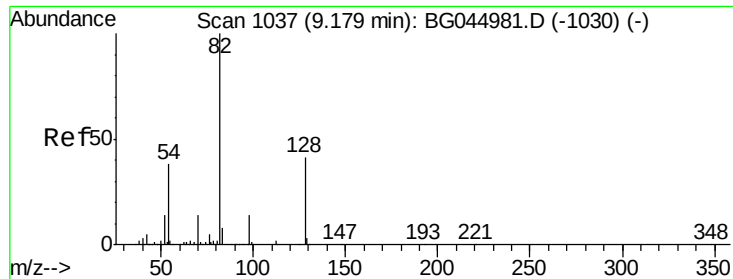
Tot Ion: 70 Resp: 86998
Ion Ratio Lower Upper
70 100
42 37.9 33.3 49.9
101 0.0 7.8 11.8#
130 1.3 15.8 23.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.78 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BG045304.D
Acq: 11 May 2020 20:04

Tgt Ion: 136 Resp: 263810
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 6.3 4.8 7.2
68 5.6 5.2 7.8

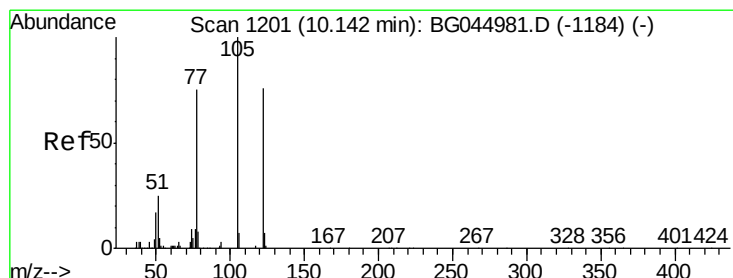
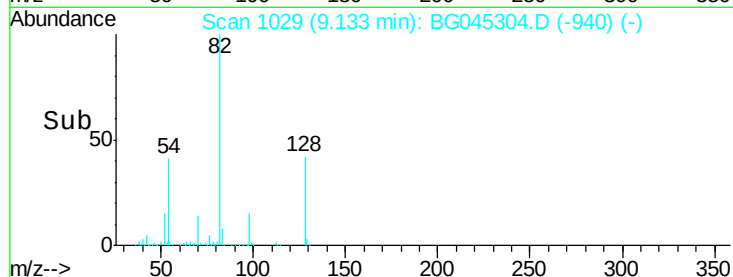
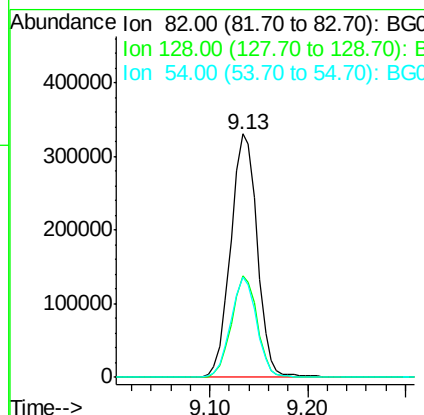
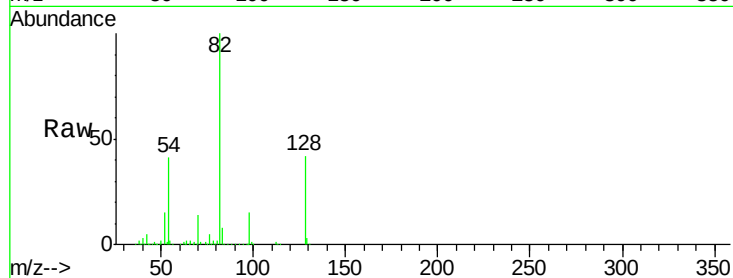




#23
Nitrobenzene-d5
Concen: 108.245 ng
RT: 9.13 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG045304.D
Acq: 11 May 2020 20:04

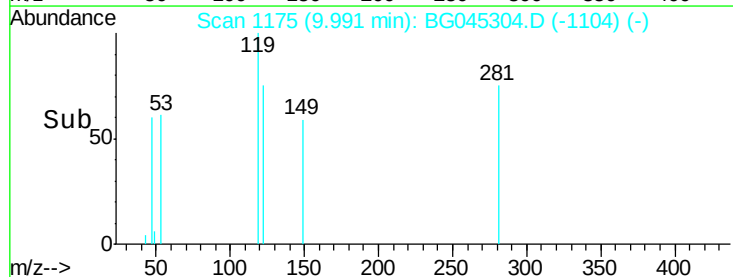
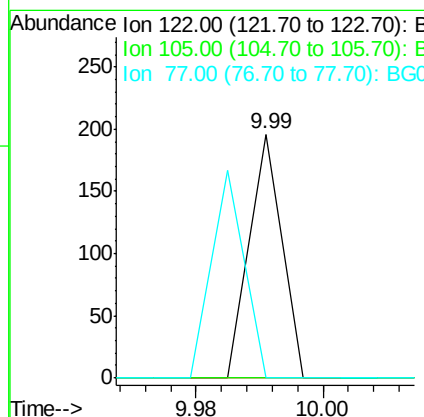
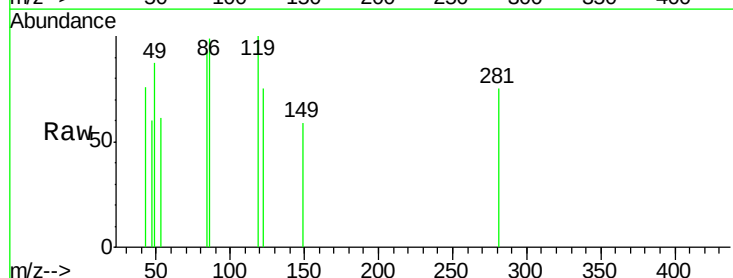
Instrument :
BNA_G
ClientSampleId :
DRUM-1-1

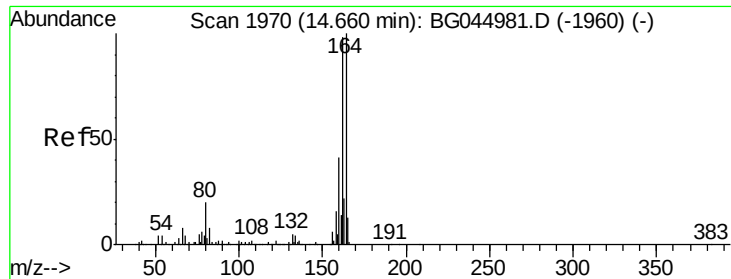
Tot Ion	82	Resp	625834
Ion Ratio	Lower	Upper	
82	100		
128	41.7	33.0	49.4
54	41.4	30.4	45.6



#32
Benzoic acid
Concen: 6.392 ng
RT: 9.99 min Scan# 1175
Delta R.T. -0.11 min
Lab File: BG045304.D
Acq: 11 May 2020 20:04

Tgt Ion	122	Resp	69
Ion Ratio	Lower	Upper	
122	100		
105	0.0	108.4	148.4#
77	0.0	78.8	118.8#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.62 min Scan# 1963

Delta R.T. -0.01 min

Lab File: BG045304.D

Acq: 11 May 2020 20:04

Instrument :

BNA_G

ClientSampled :

DRUM-1-1

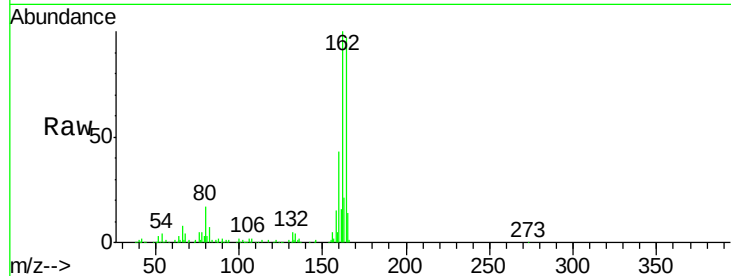
Tot Ion:164 Resp: 181442

Ion Ratio Lower Upper

164 100

162 103.1 78.7 118.1

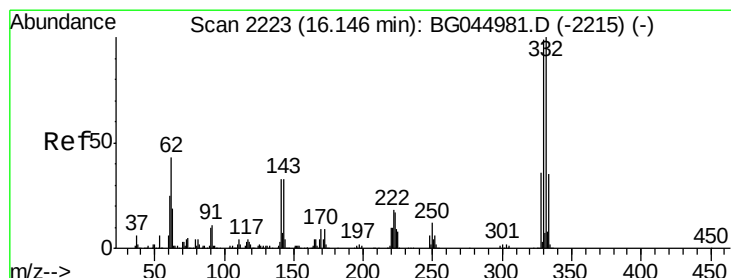
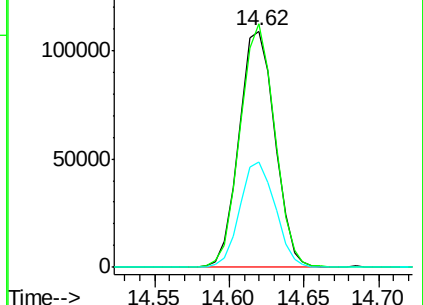
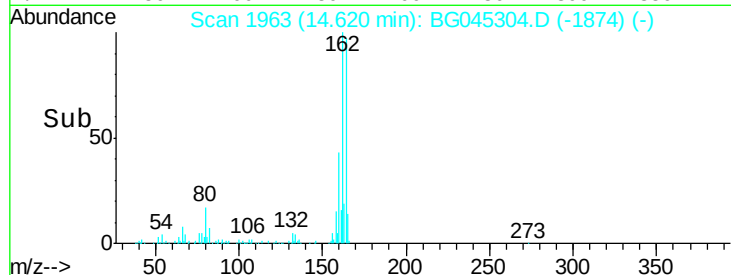
160 44.5 32.8 49.2



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: 162.626 ng

RT: 16.11 min Scan# 2217

Delta R.T. -0.01 min

Lab File: BG045304.D

Acq: 11 May 2020 20:04

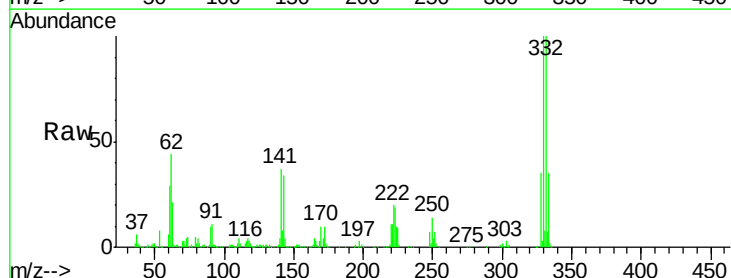
Tgt Ion:330 Resp: 455847

Ion Ratio Lower Upper

330 100

332 97.6 79.1 118.7

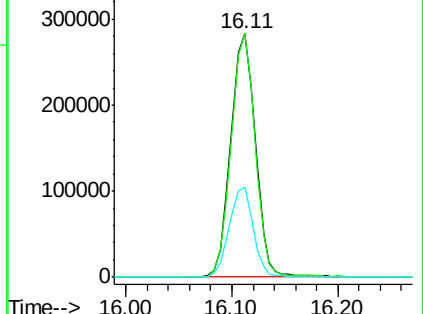
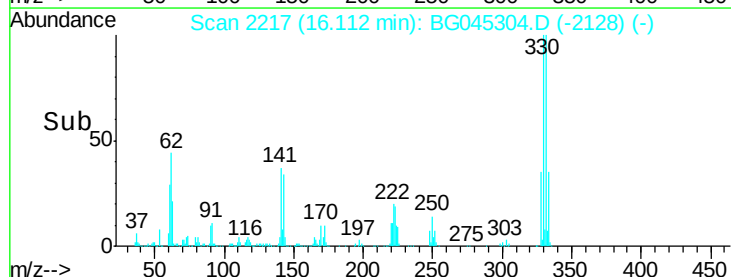
141 35.9 27.1 40.7

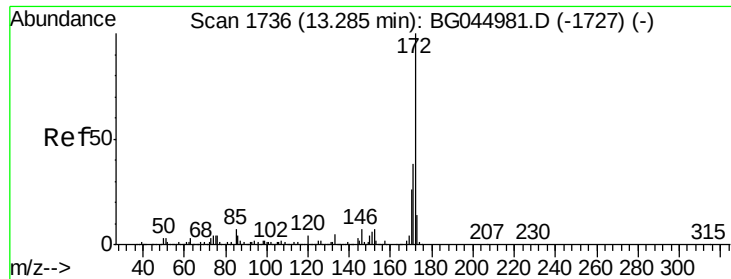


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

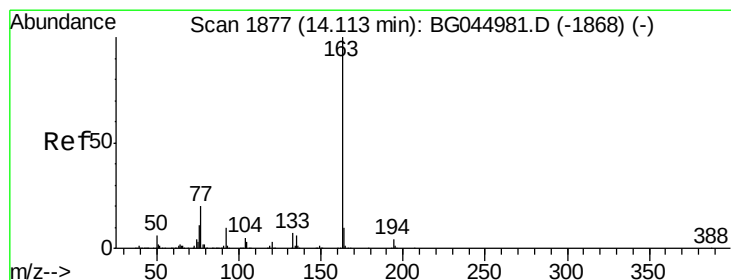
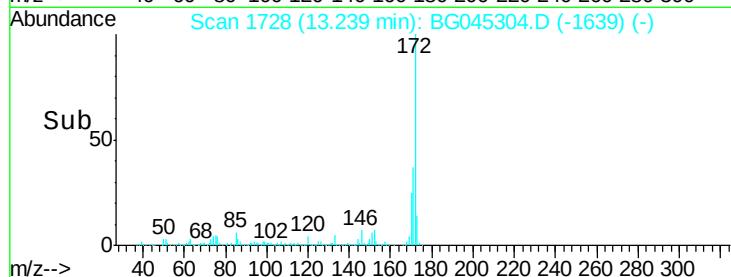
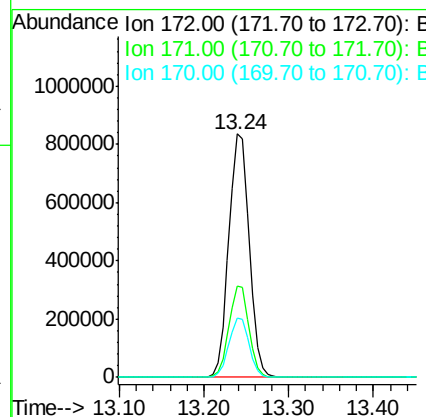
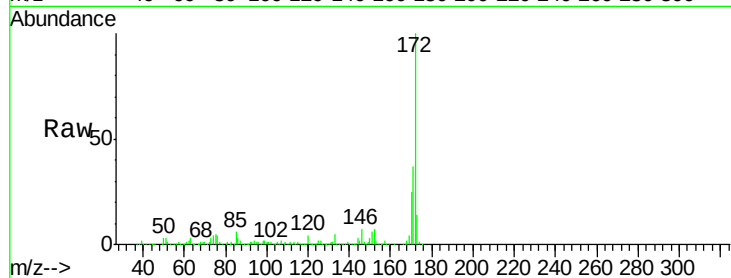




#45
2-Fluorobiphenyl
Concen: 112.774 ng
RT: 13.24 min Scan# 1728
Delta R.T. -0.01 min
Lab File: BG045304.D
Acq: 11 May 2020 20:04

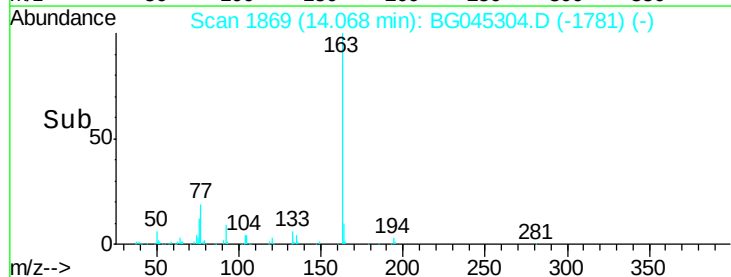
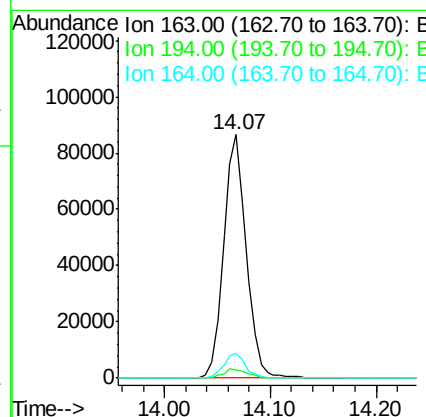
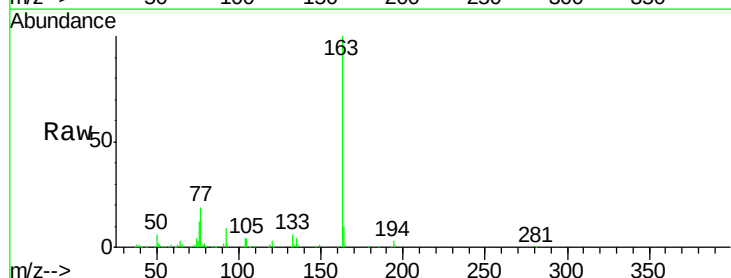
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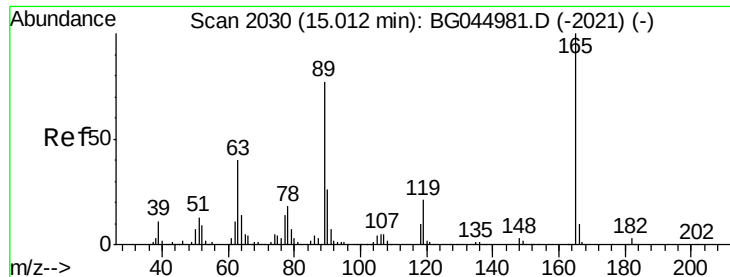
Tot Ion:172 Resp: 1395458
Ion Ratio Lower Upper
172 100
171 37.3 30.6 46.0
170 24.5 20.5 30.7



#50
Dimethylphthalate
Concen: 8.704 ng
RT: 14.07 min Scan# 1869
Delta R.T. -0.01 min
Lab File: BG045304.D
Acq: 11 May 2020 20:04

Tgt Ion:163 Resp: 128592
Ion Ratio Lower Upper
163 100
194 3.5 3.5 5.3#
164 10.4 8.2 12.4

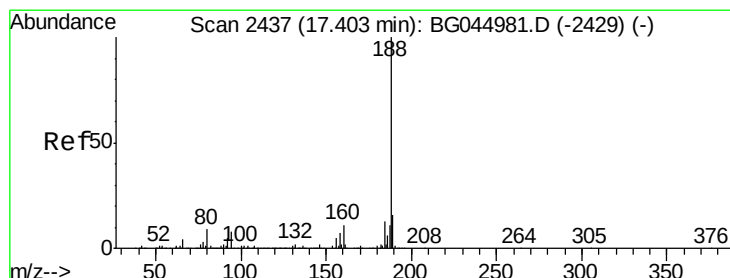
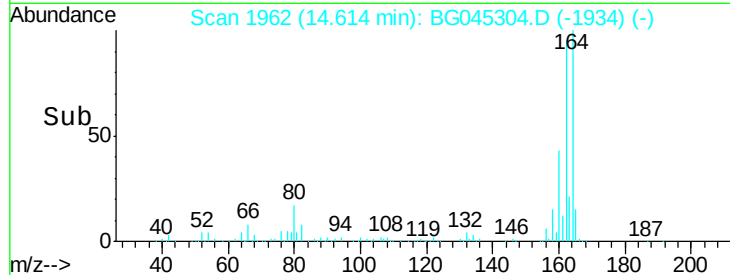
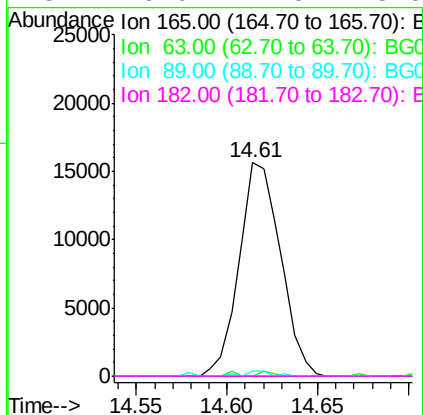
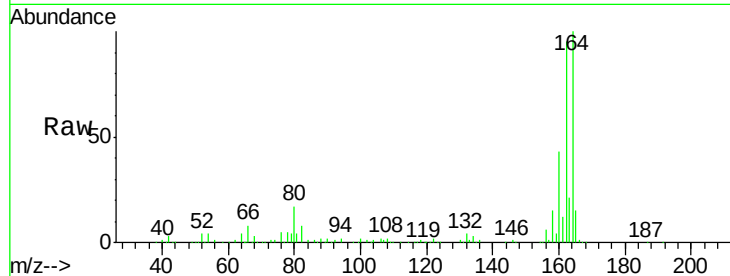




#57
 2,4-Dinitrotoluene
 Concen: 5.166 ng
 RT: 14.61 min Scan# 1962
 Delta R.T. -0.36 min
 Lab File: BG045304.D
 Acq: 11 May 2020 20:04

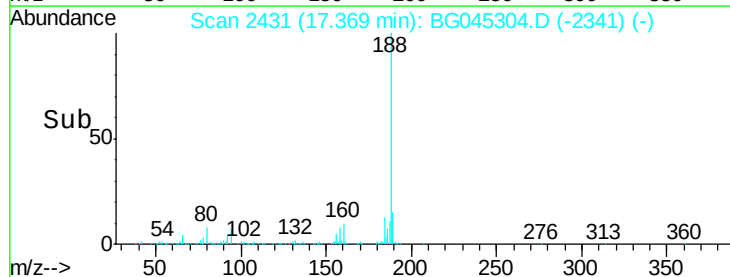
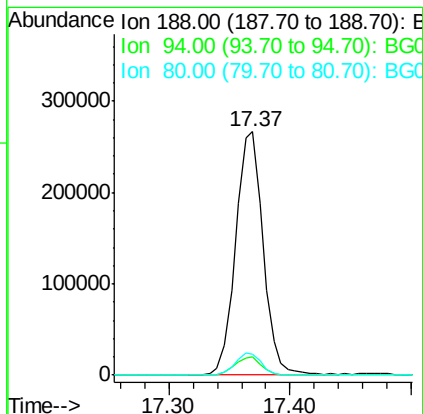
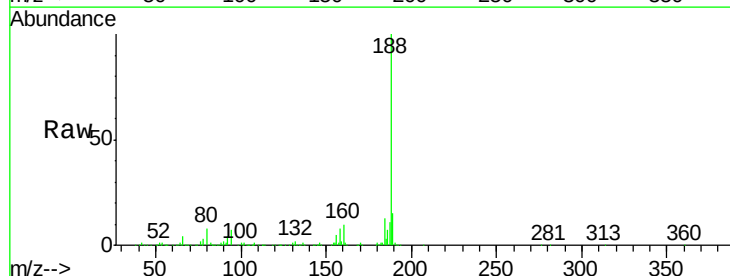
Instrument :
 BNA_G
 ClientSampleId :
 DRUM-1-1

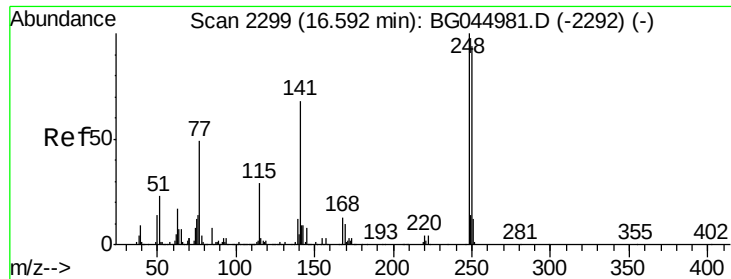
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	32.2	48.2#
89	2.4	61.7	92.5#
182	0.0	2.0	3.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.37 min Scan# 2431
 Delta R.T. 0.00 min
 Lab File: BG045304.D
 Acq: 11 May 2020 20:04

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.5	6.2	9.4
80	8.4	7.0	10.6

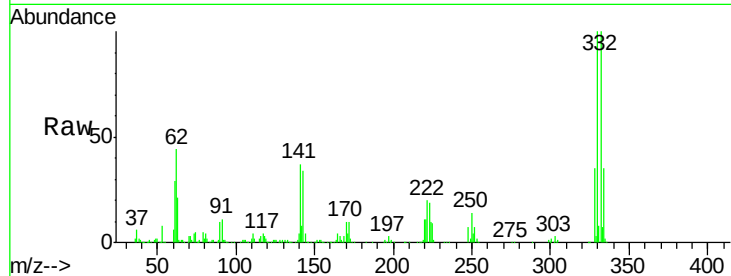




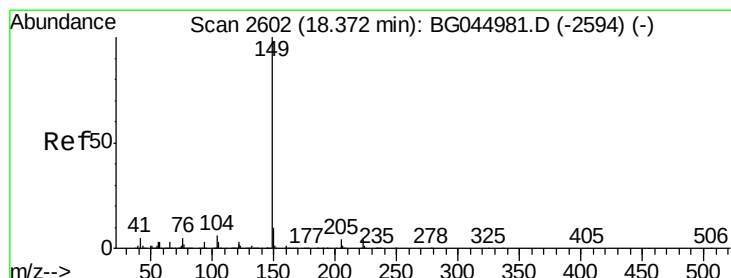
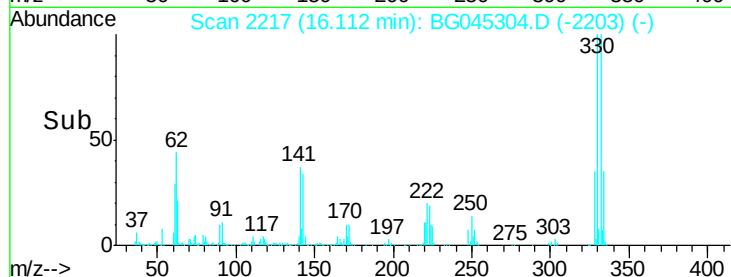
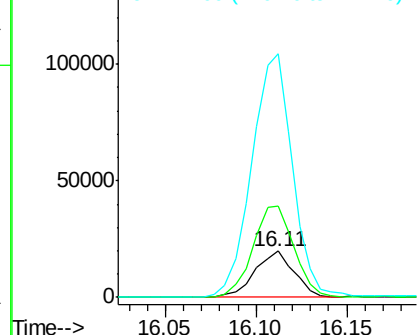
#67
4-Bromophenyl-phenylether
Concen: 5.454 ng
RT: 16.11 min Scan# 2217
Delta R.T. -0.45 min
Lab File: BG045304.D
Acq: 11 May 2020 20:04

Instrument :
BNA_G
ClientSampleId :
DRUM-1-1

Tot Ion:248 Resp: 29742
Ion Ratio Lower Upper
248 100
250 196.9 75.4 113.2#
141 526.6 54.4 81.6#

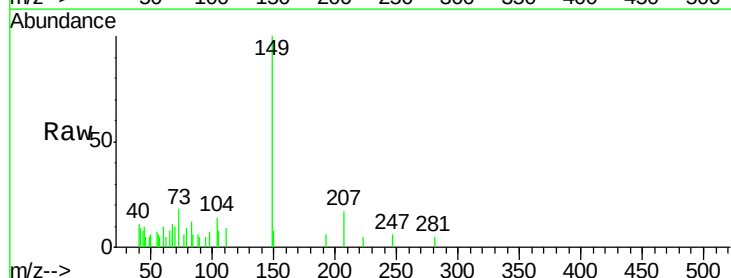


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

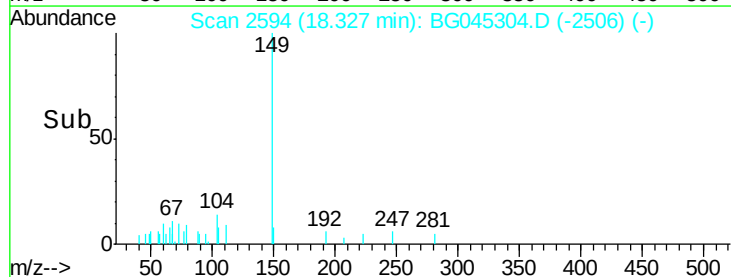
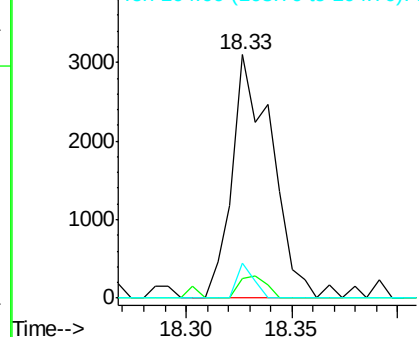


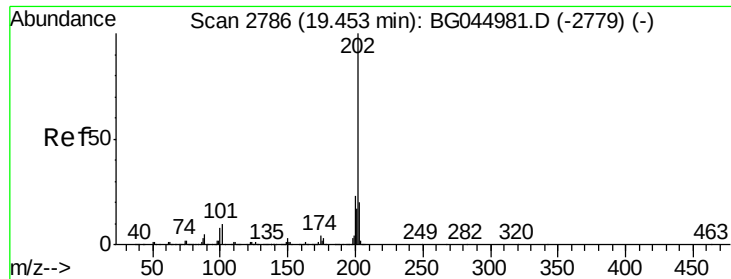
#74
Di-n-butylphthalate
Concen: Below Cal
RT: 18.33 min Scan# 2594
Delta R.T. -0.01 min
Lab File: BG045304.D
Acq: 11 May 2020 20:04

Tgt Ion:149 Resp: 4076
Ion Ratio Lower Upper
149 100
150 8.0 8.2 12.2#
104 14.4 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

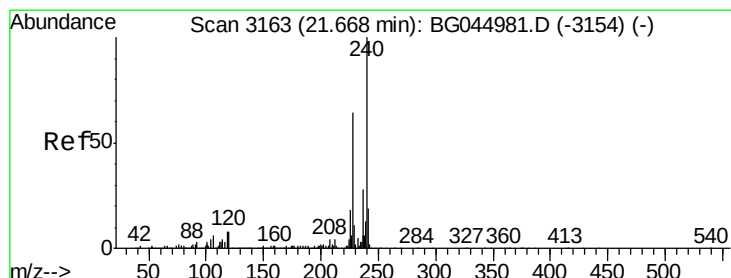
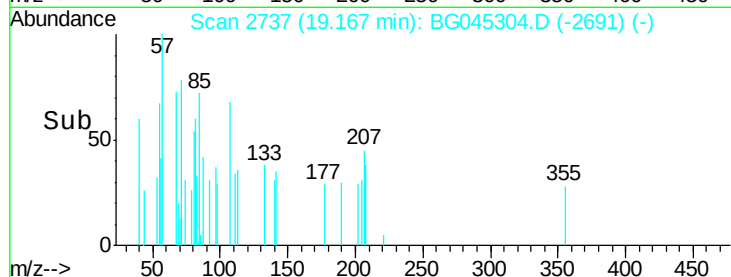
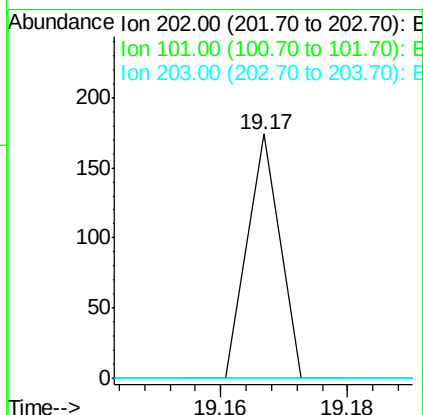
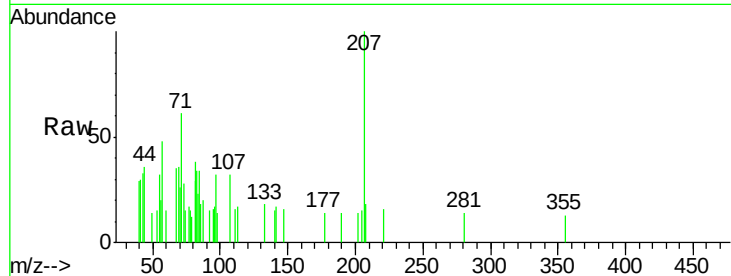




#75
 Fluoranthene
 Concen: Below Cal
 RT: 19.17 min Scan# 2737
 Delta R.T. -0.26 min
 Lab File: BG045304.D
 Acq: 11 May 2020 20:04

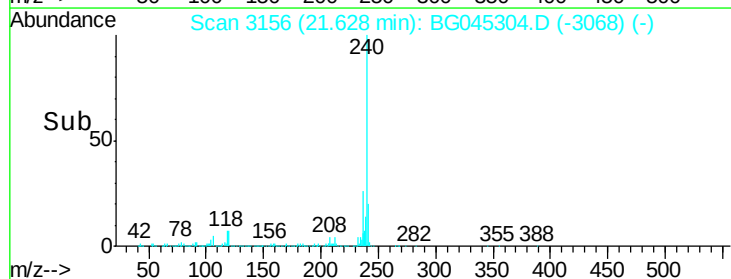
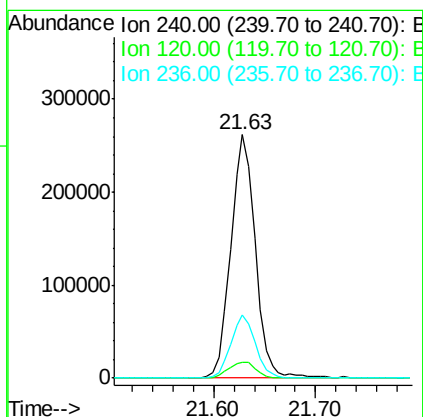
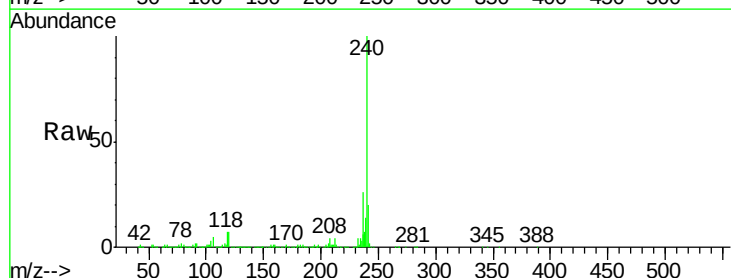
Instrument :
 BNA_G
 ClientSampleId :
 DRUM-1-1

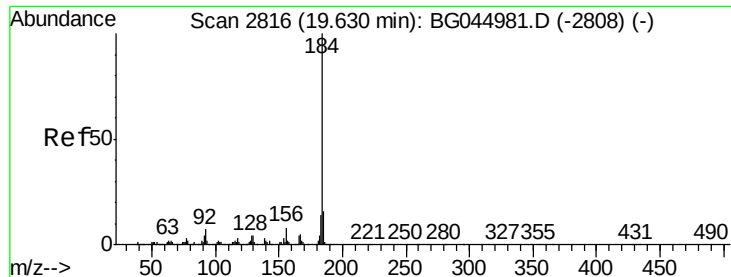
Tot Ion:	202	Resp:	61
Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	29.6
203	0.0	0.0	39.7



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.63 min Scan# 3156
 Delta R.T. -0.01 min
 Lab File: BG045304.D
 Acq: 11 May 2020 20:04

Tgt Ion:	240	Resp:	438929
Ion	Ratio	Lower	Upper
240	100		
120	6.5	6.6	10.0#
236	25.8	22.2	33.2





#77

Benzidine

Concen: Below Cal

RT: 19.98 min Scan# 2876

Delta R.T. 0.38 min

Lab File: BG045304.D

Acq: 11 May 2020 20:04

Instrument :

BNA_G

ClientSampleId :

DRUM-1-1

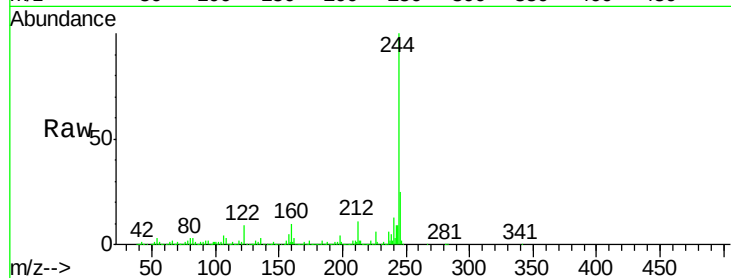
Tot Ion:184 Resp: 48802

Ion Ratio Lower Upper

184 100

185 15.4 12.6 19.0

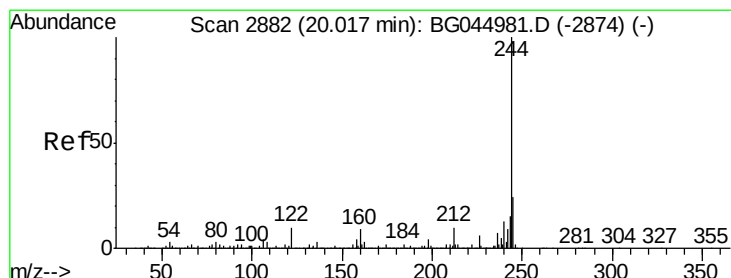
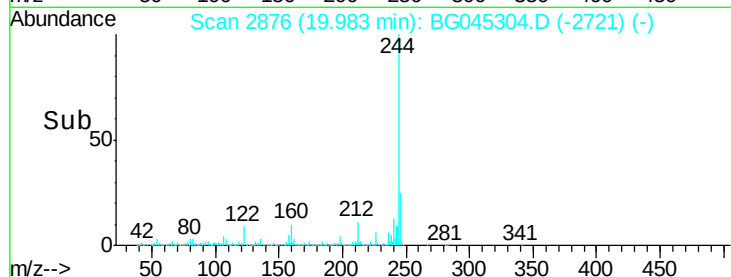
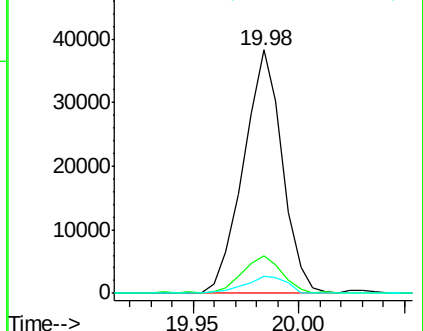
183 7.2 11.3 16.9#



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: 115.833 ng

RT: 19.98 min Scan# 2876

Delta R.T. -0.01 min

Lab File: BG045304.D

Acq: 11 May 2020 20:04

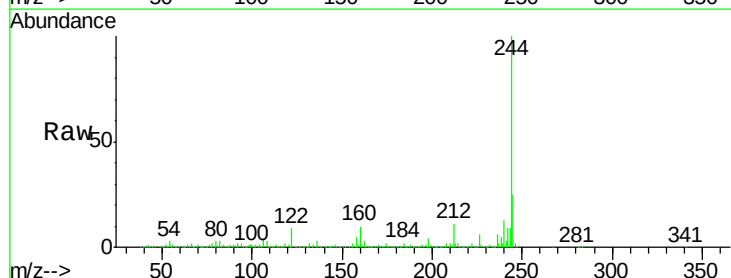
Tgt Ion:244 Resp: 2332682

Ion Ratio Lower Upper

244 100

212 10.6 7.9 11.9

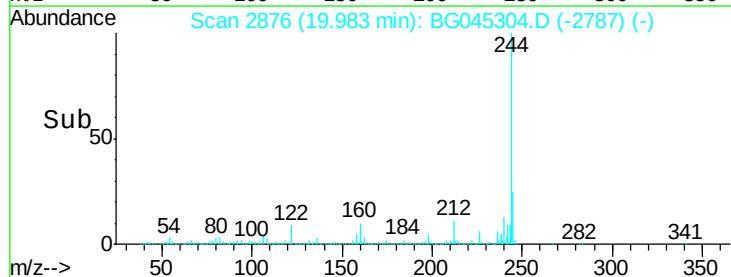
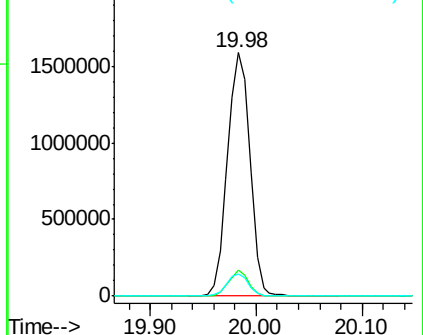
122 9.2 7.7 11.5

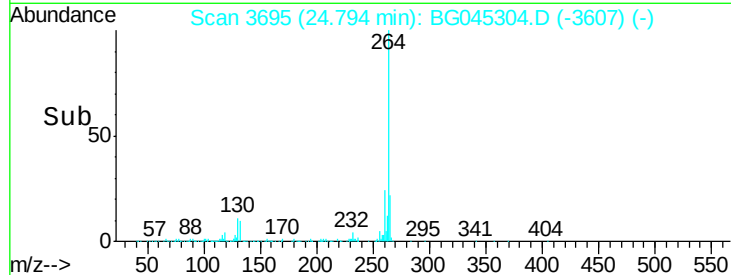
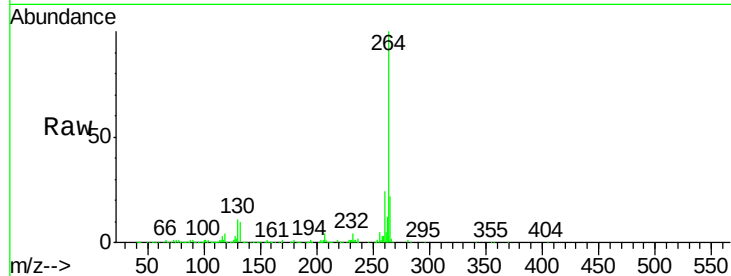
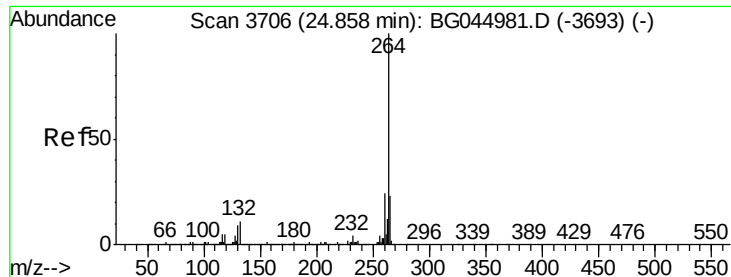


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.79 min Scan# 3695
 Delta R.T. -0.01 min
 Lab File: BG045304.D
 Acq: 11 May 2020 20:04

Instrument :
 BNA_G
 ClientSampleId :
 DRUM-1-1

Tot Ion:264	Resp:	472144
Ion Ratio	Lower	Upper
264	100	
260	23.6	19.2 28.8
265	22.0	19.0 28.4

