

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042120\
 Data File : BG045108.D
 Acq On : 21 Apr 2020 12:38
 Operator : CG/JU
 Sample : PB128352TB
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB128352TB

Quant Time: Apr 21 14:18:26 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 21 14:13:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	52377	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	227843	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	181197	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	455879	20.00	ng	0.00
76) Chrysene-d12	21.66	240	471230	20.00	ng	0.00
87) Perylene-d12	24.86	264	502161	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.59	112	453215	142.86	ng	0.00
7) Phenol-d6	7.19	99	677422	143.72	ng	0.00
23) Nitrobenzene-d5	9.18	82	506228	101.38	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	430349	153.74	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1239356	100.29	ng	0.00
79) Terphenyl-d14	20.01	244	2314902	107.07	ng	0.00

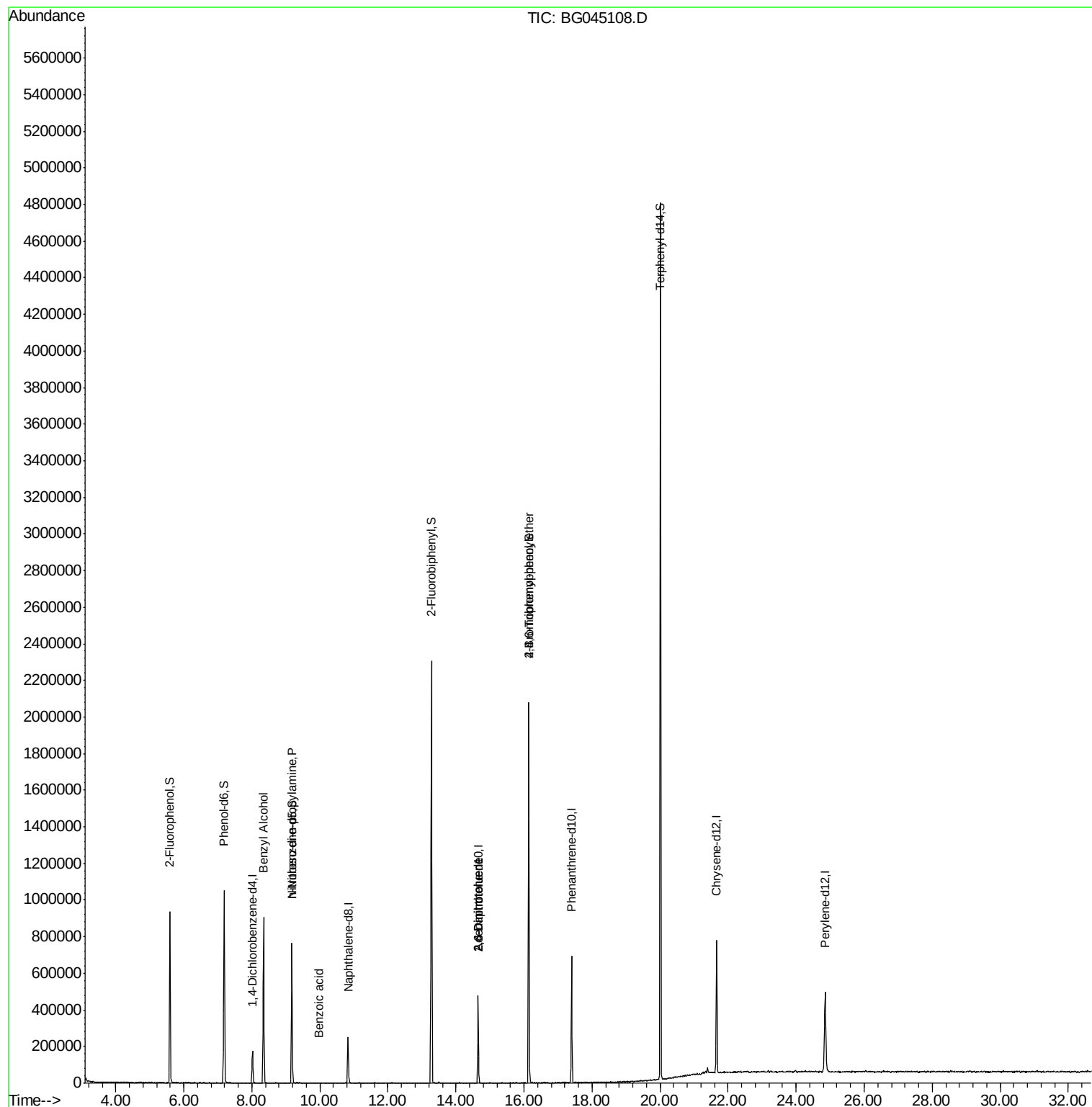
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	7.18	77	1317	Below Cal	#	4
15) Benzyl Alcohol	8.34	79	8280	2.095	ng	# 65
19) n-Nitroso-di-n-propylamine	9.18	70	67516	20.254	ng	# 82
32) Benzoic acid	9.97	122	67	6.394	ng	# 34
51) 2,6-Dinitrotoluene	14.65	165	23218	7.036	ng	# 25
57) 2,4-Dinitrotoluene	14.65	165	23218	4.814	ng	# 23
67) 4-Bromophenyl-phenylether	16.14	248	29171	4.960	ng	# 1
69) Atrazine	17.08	200	60	Below Cal	#	35
74) Di-n-butylphthalate	18.38	149	229	Below Cal	#	76
75) Fluoranthene	19.59	202	85	Below Cal	#	62
77) Benizidine	20.02	184	45158	Below Cal	#	92

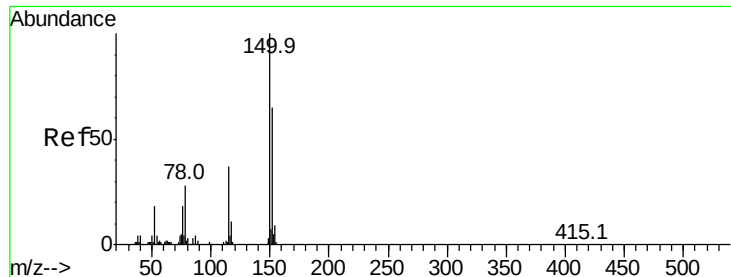
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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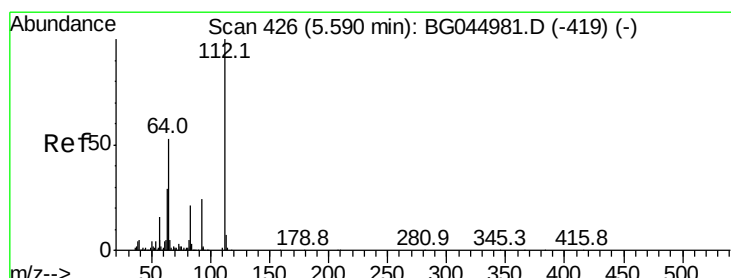
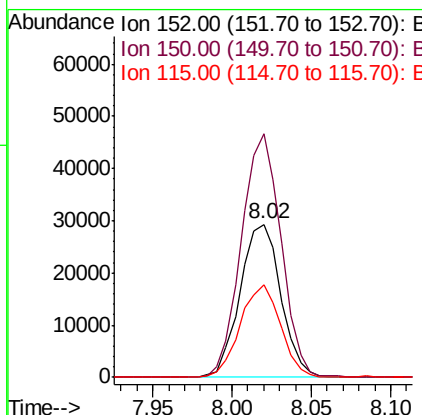
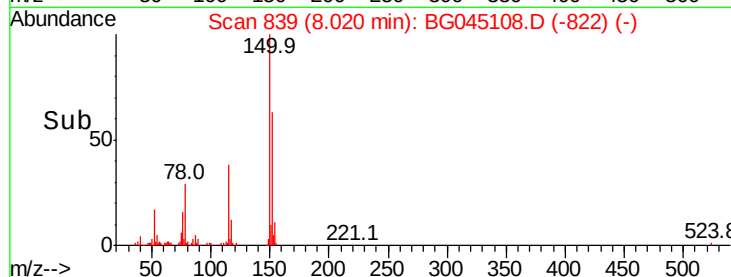
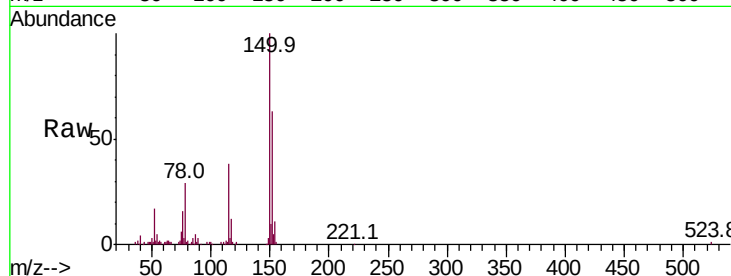




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.02 min Scan# 839
 Delta R.T. 0.00 min
 Lab File: BG045108.D
 Acq: 21 Apr 2020 12:38

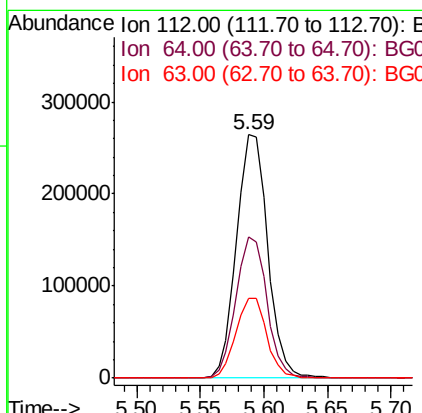
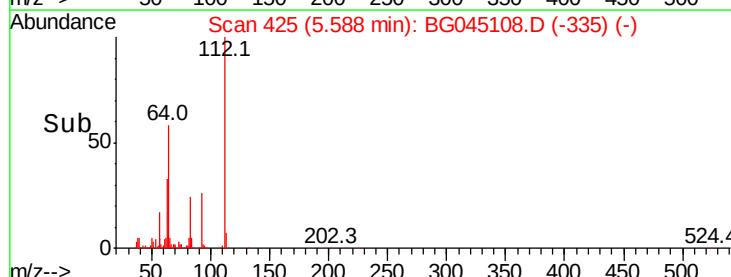
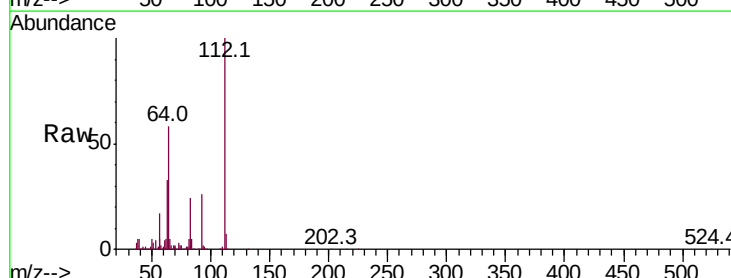
Instrument :
 BNA_G
 ClientSampleId :
 PB128352TB

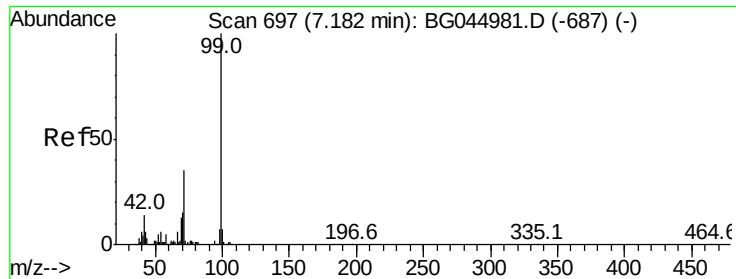
Tot Ion:	152	Resp:	52377
Ion	Ratio	Lower	Upper
152	100		
150	159.3	123.6	185.4
115	60.8	49.1	73.7



#5
 2-Fluorophenol
 Concen: 142.855 ng
 RT: 5.59 min Scan# 425
 Delta R.T. -0.00 min
 Lab File: BG045108.D
 Acq: 21 Apr 2020 12:38

Tgt Ion:	112	Resp:	453215
Ion	Ratio	Lower	Upper
112	100		
64	57.8	42.4	63.6
63	32.9	23.1	34.7





#7

Phenol-d6

Concen: 143.716 ng

RT: 7.19 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG045108.D

Acq: 21 Apr 2020 12:38

Instrument :

BNA_G

ClientSampleId :

PB128352TB

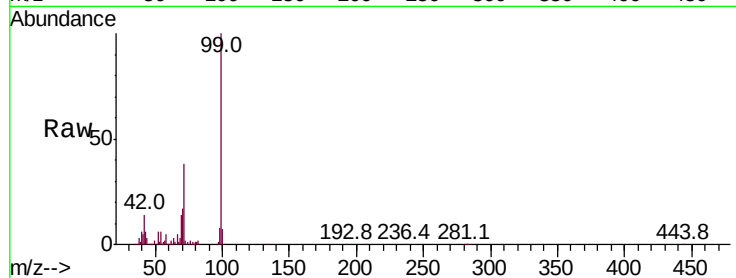
Tot Ion: 99 Resp: 677422

Ion Ratio Lower Upper

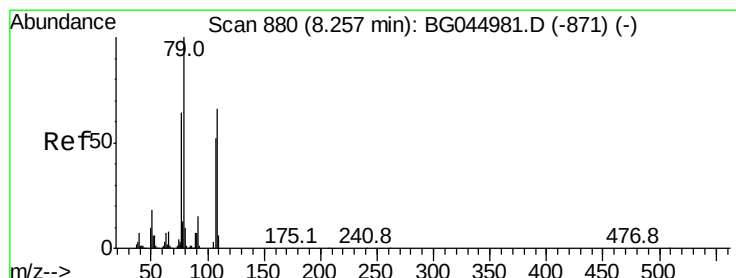
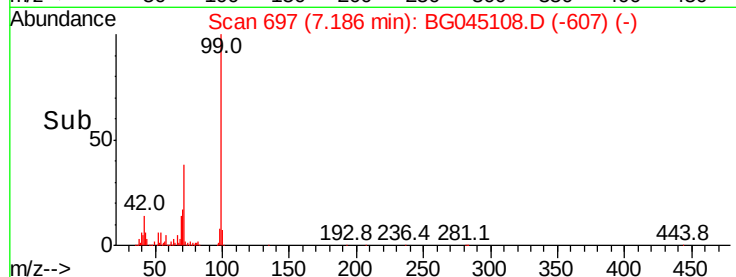
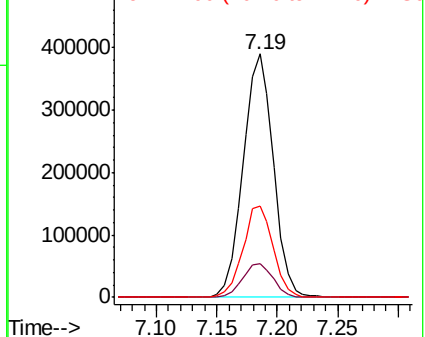
99 100

42 13.9 11.3 16.9

71 37.5 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: 2.095 ng

RT: 8.34 min Scan# 894

Delta R.T. 0.08 min

Lab File: BG045108.D

Acq: 21 Apr 2020 12:38

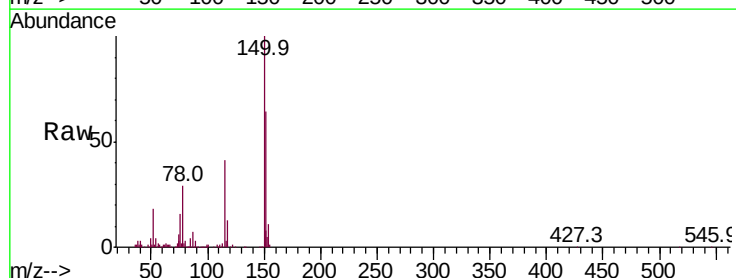
Tgt Ion: 79 Resp: 8280

Ion Ratio Lower Upper

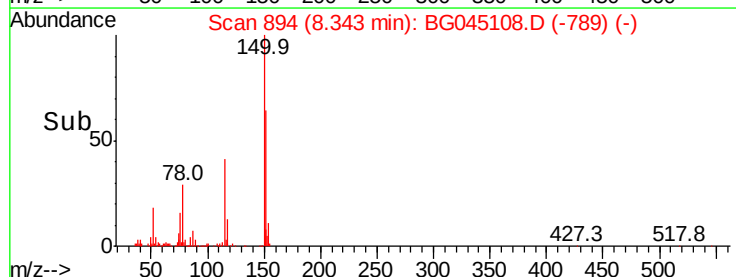
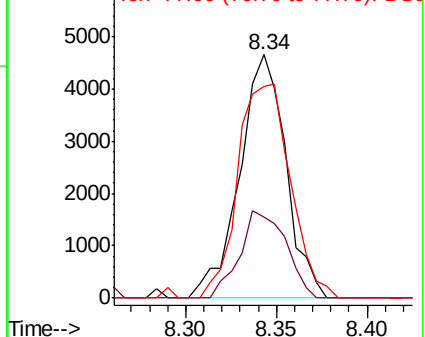
79 100

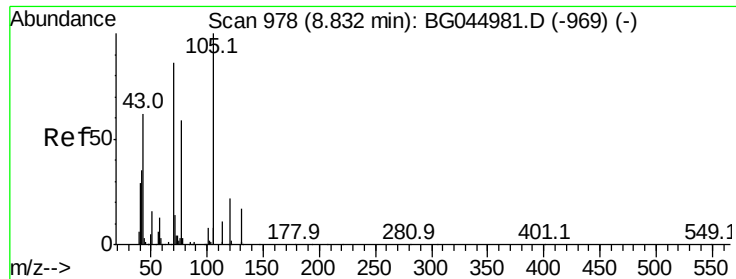
108 33.3 52.7 79.1#

77 87.0 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

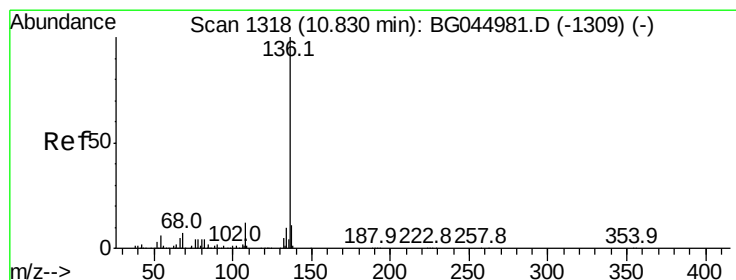
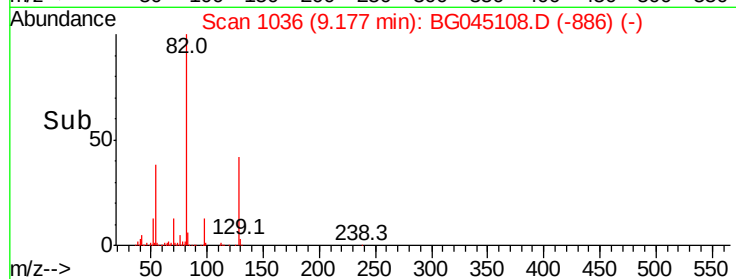
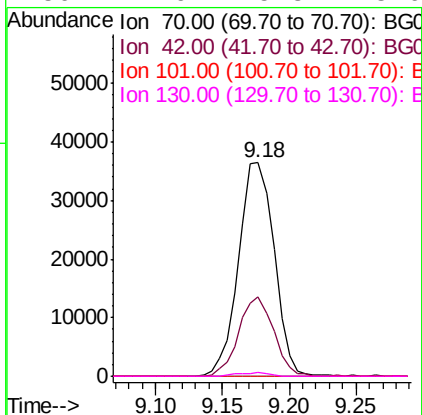
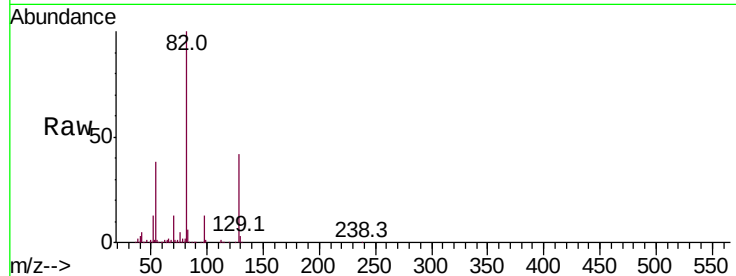




#19
n-Nitroso-di-n-propylamine
Concen: 20.254 ng
RT: 9.18 min Scan# 1036
Delta R.T. 0.35 min
Lab File: BG045108.D
Acq: 21 Apr 2020 12:38

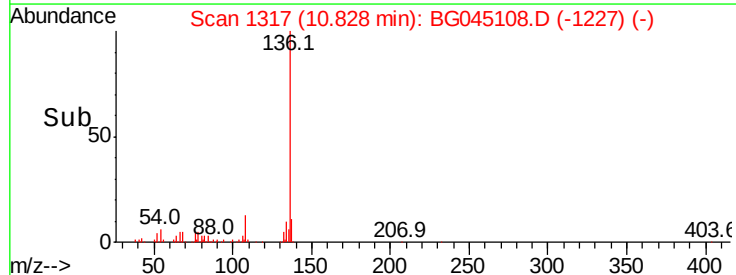
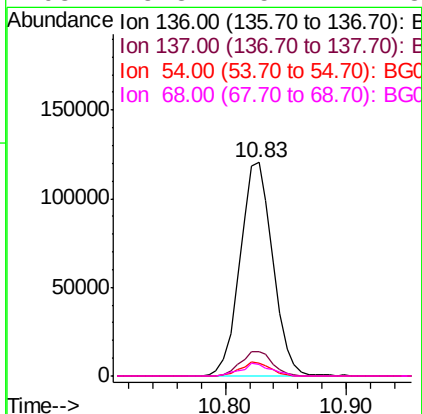
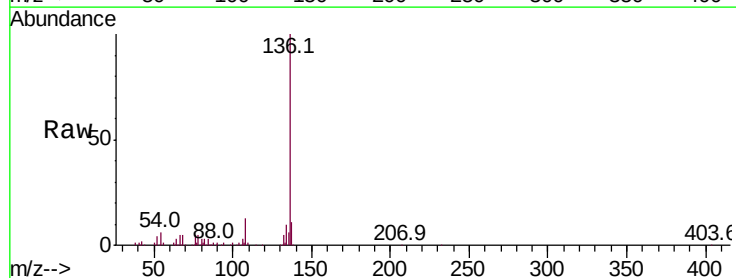
Instrument :
BNA_G
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PB128352TB

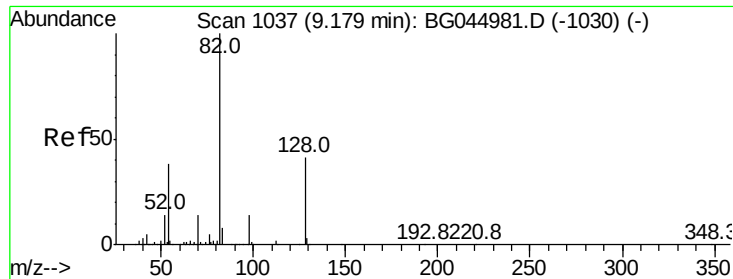
Tot Ion:	70	Resp:	67516
Ion	Ratio	Lower	Upper
70	100		
42	37.4	33.3	49.9
101	0.0	7.8	11.8#
130	1.9	15.8	23.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BG045108.D
Acq: 21 Apr 2020 12:38

Tgt Ion:	136	Resp:	227843
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.6	13.0
54	6.1	4.8	7.2
68	5.3	5.2	7.8

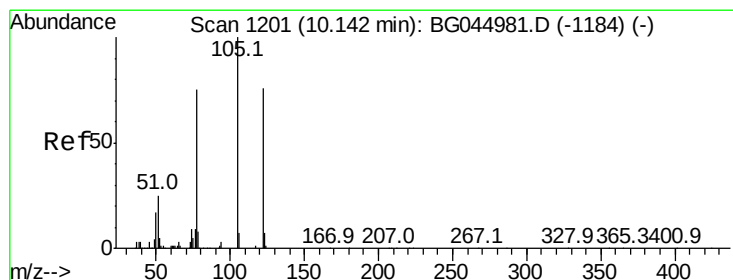
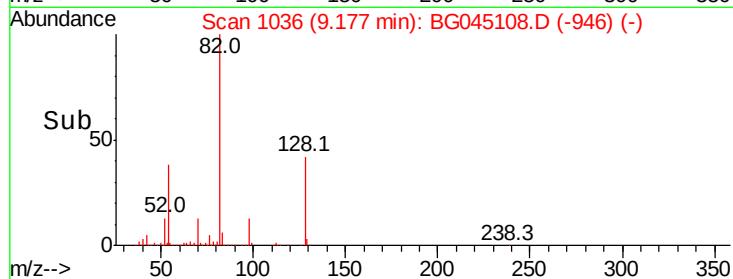
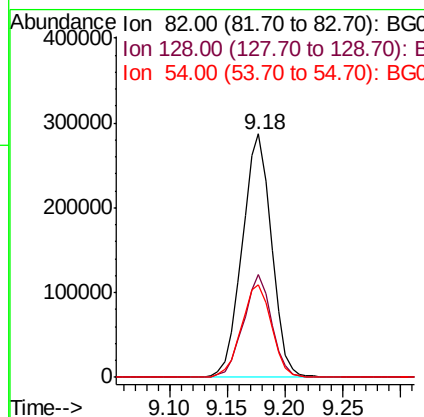
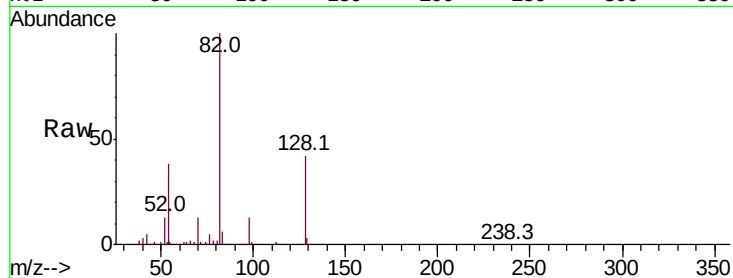




#23
Nitrobenzene-d5
Concen: 101.379 ng
RT: 9.18 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BG045108.D
Acq: 21 Apr 2020 12:38

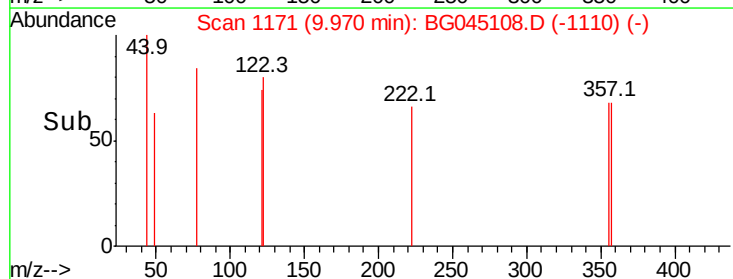
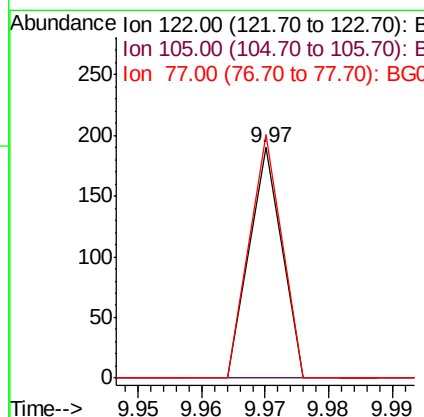
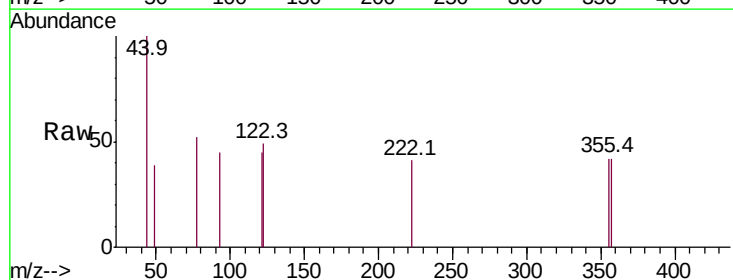
Instrument :
BNA_G
ClientSampleId :
PB128352TB

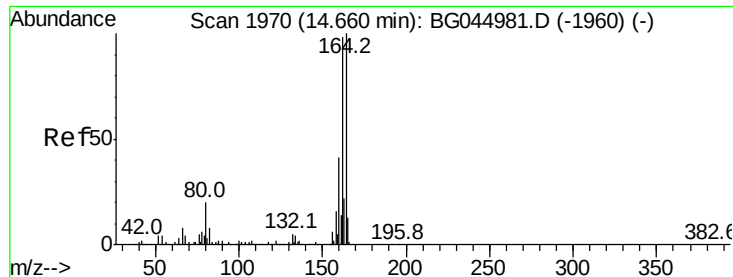
Tot Ion	Ratio	Lower	Upper
82	100		
128	42.1	33.0	49.4
54	38.2	30.4	45.6



#32
Benzoic acid
Concen: 6.394 ng
RT: 9.97 min Scan# 1171
Delta R.T. -0.17 min
Lab File: BG045108.D
Acq: 21 Apr 2020 12:38

Tgt Ion	Ratio	Lower	Upper
122	100		
105	0.0	108.4	148.4#
77	105.8	78.8	118.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1968

Delta R.T. -0.00 min

Lab File: BG045108.D

Acq: 21 Apr 2020 12:38

Instrument :

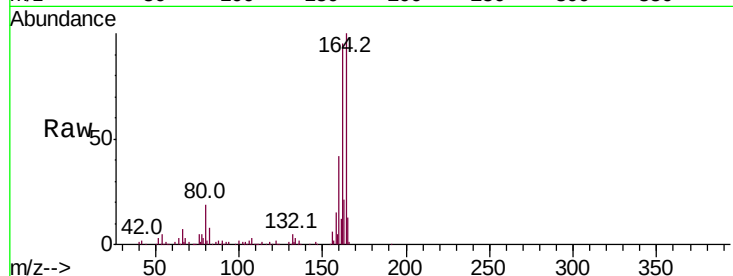
BNA_G

ClientSampleId :

PB128352TB

Tot Ion:164 Resp: 181197

Ion	Ratio	Lower	Upper
164	100		
162	94.8	78.7	118.1
160	42.2	32.8	49.2

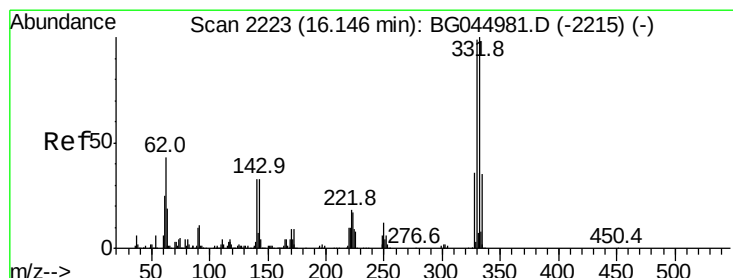
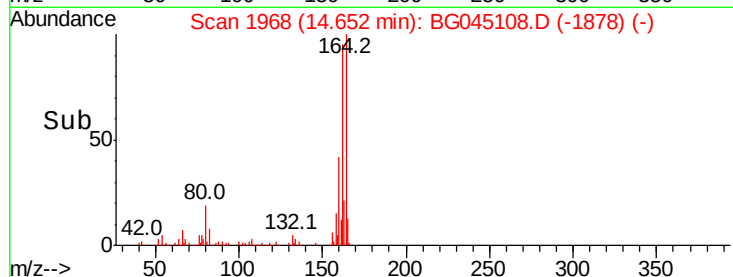
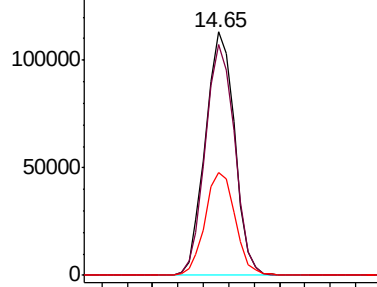


Abundance

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: 153.737 ng

RT: 16.14 min Scan# 2222

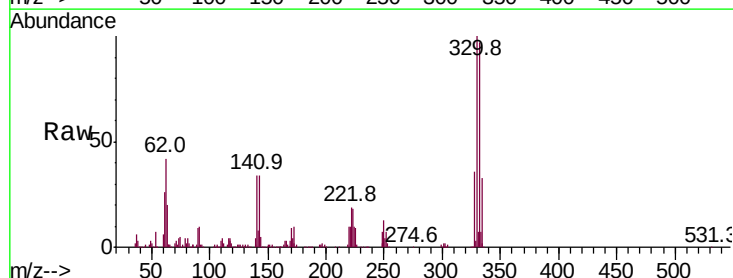
Delta R.T. -0.00 min

Lab File: BG045108.D

Acq: 21 Apr 2020 12:38

Tgt Ion:330 Resp: 430349

Ion	Ratio	Lower	Upper
330	100		
332	97.6	79.1	118.7
141	34.4	27.1	40.7

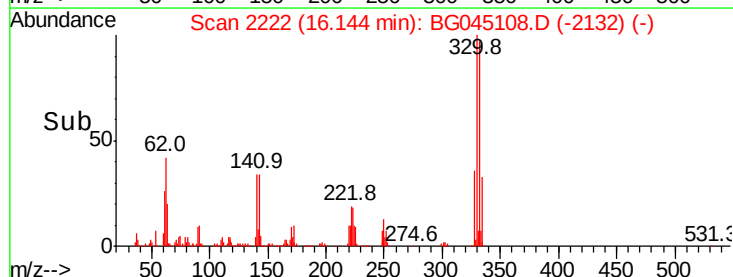
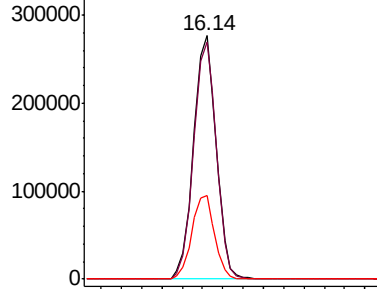


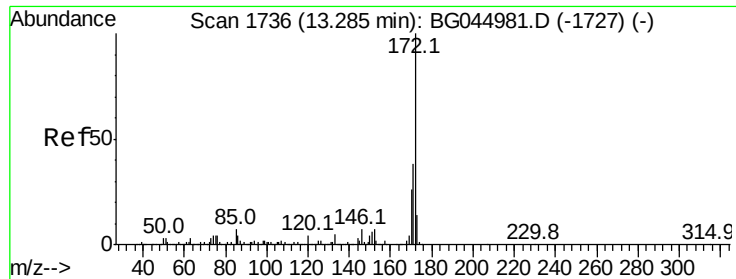
Abundance

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

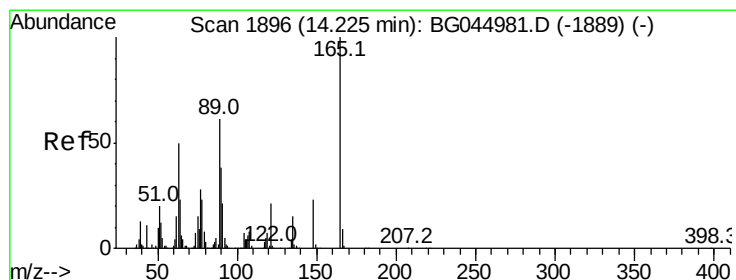
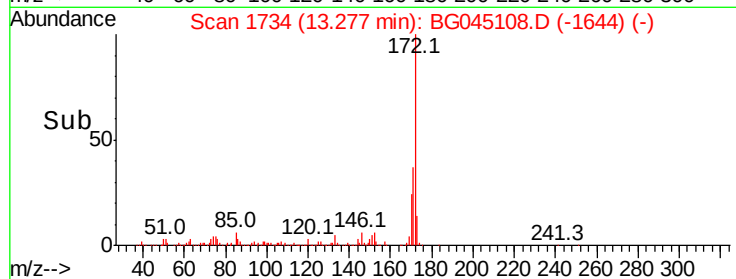
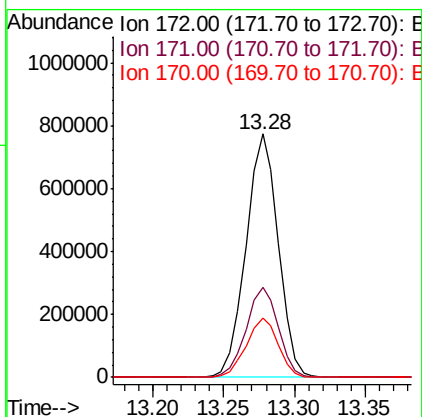
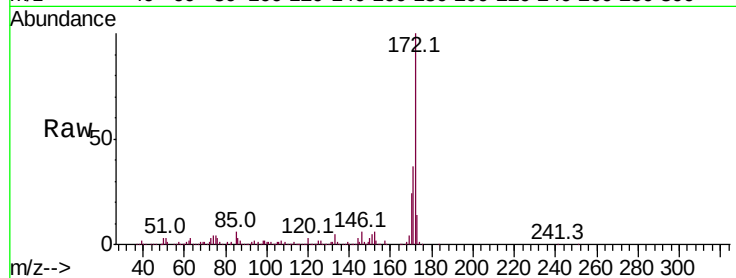




#45
2-Fluorobiphenyl
Concen: 100.294 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.00 min
Lab File: BG045108.D
Acq: 21 Apr 2020 12:38

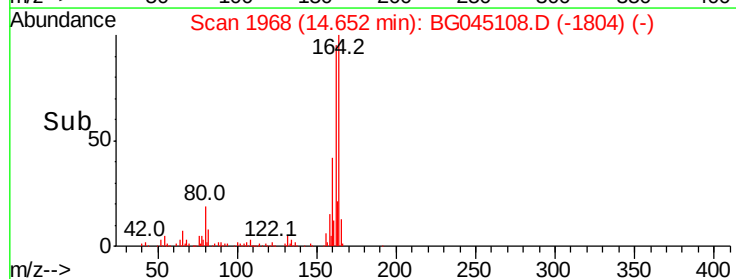
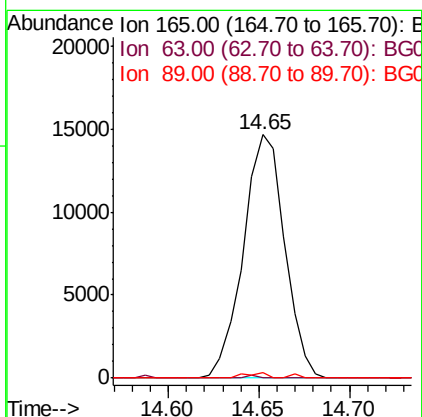
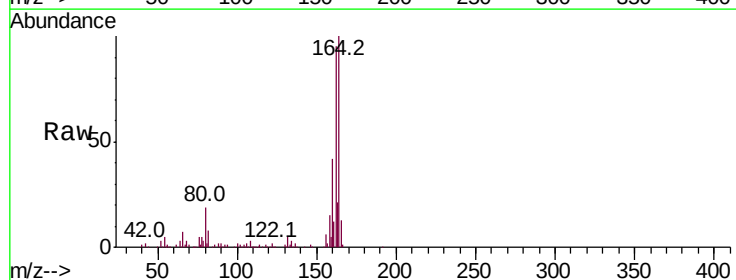
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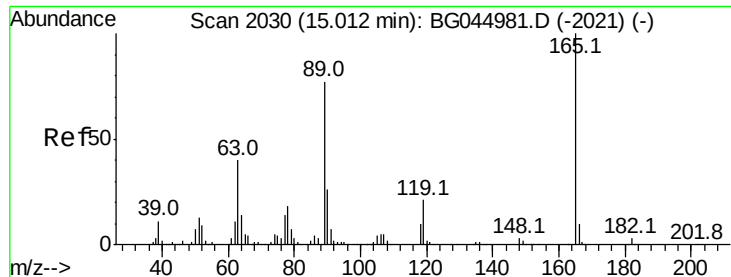
Tot Ion:172 Resp: 1239356
Ion Ratio Lower Upper
172 100
171 37.2 30.6 46.0
170 24.2 20.5 30.7



#51
2,6-Dinitrotoluene
Concen: 7.036 ng
RT: 14.65 min Scan# 1968
Delta R.T. 0.43 min
Lab File: BG045108.D
Acq: 21 Apr 2020 12:38

Tgt Ion:165 Resp: 23218
Ion Ratio Lower Upper
165 100
63 0.0 40.4 60.6#
89 2.5 49.1 73.7#

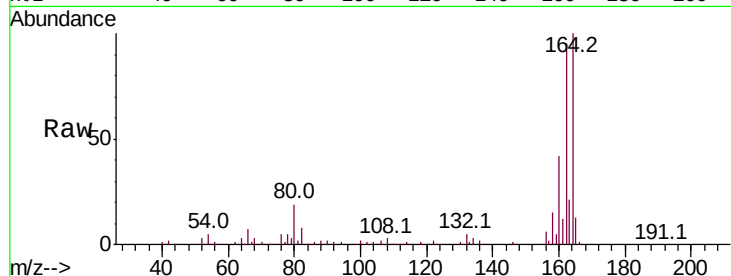




#57
 2,4-Dinitrotoluene
 Concen: 4.814 ng
 RT: 14.65 min Scan# 1968
 Delta R.T. -0.36 min
 Lab File: BG045108.D
 Acq: 21 Apr 2020 12:38

Instrument :
 BNA_G
 ClientSampleId :
 PB128352TB

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	32.2	48.2#
89	2.5	61.7	92.5#
182	0.0	2.0	3.0#



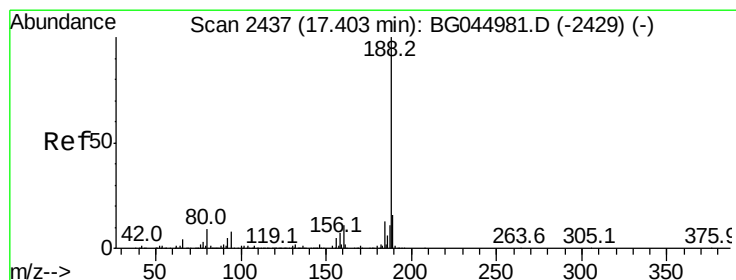
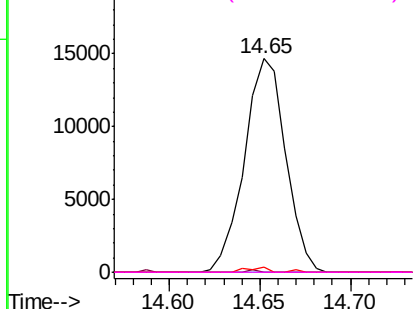
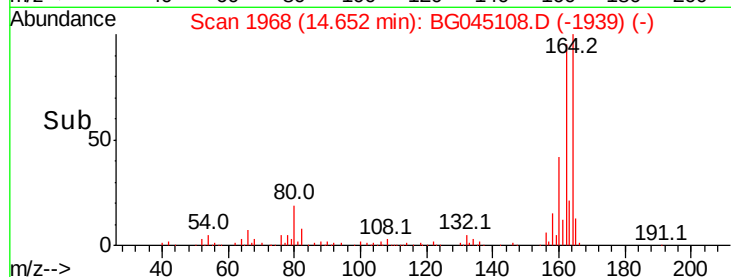
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

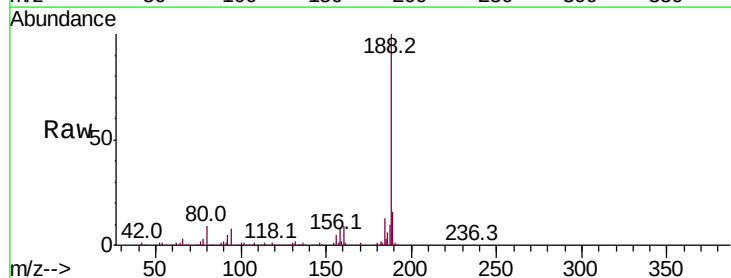
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.40 min Scan# 2435
 Delta R.T. -0.01 min
 Lab File: BG045108.D
 Acq: 21 Apr 2020 12:38

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.7	6.2	9.4
80	8.6	7.0	10.6

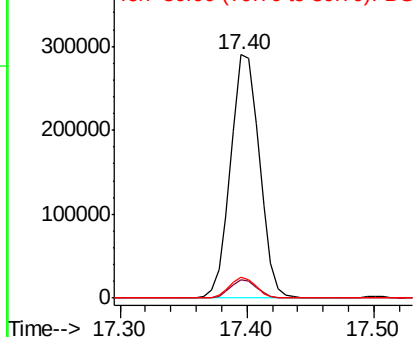
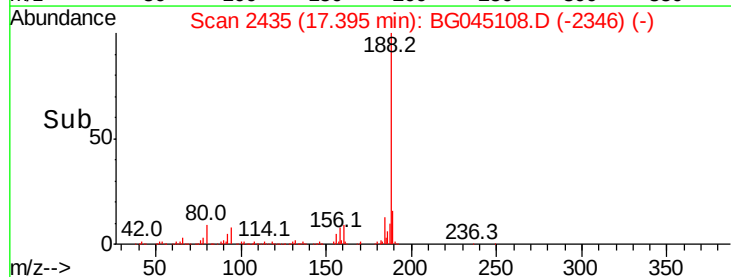


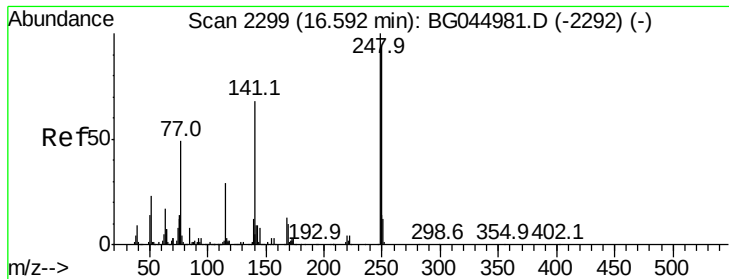
Abundance

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

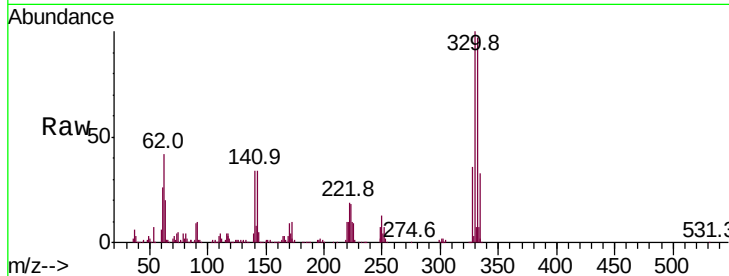




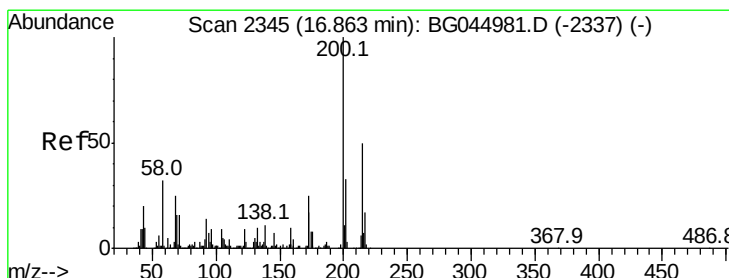
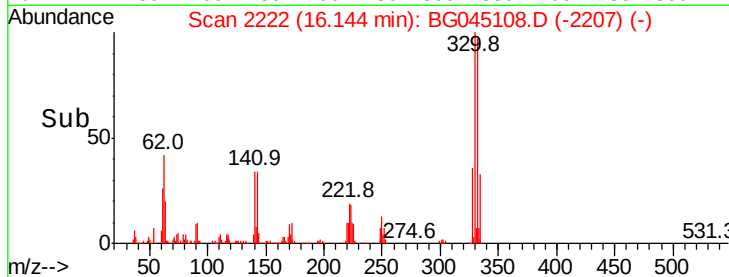
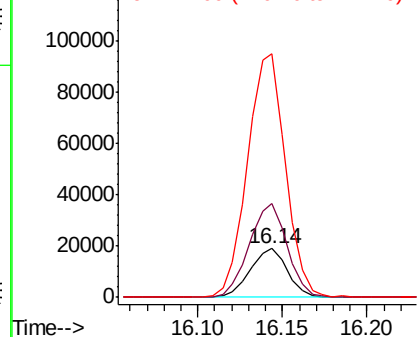
#67
4-Bromophenyl-phenylether
Concen: 4.960 ng
RT: 16.14 min Scan# 2222
Delta R.T. -0.44 min
Lab File: BG045108.D
Acq: 21 Apr 2020 12:38

Instrument :
BNA_G
ClientSampleId :
PB128352TB

Tot Ion:248 Resp: 29171
Ion Ratio Lower Upper
248 100
250 191.4 75.4 113.2#
141 499.3 54.4 81.6#

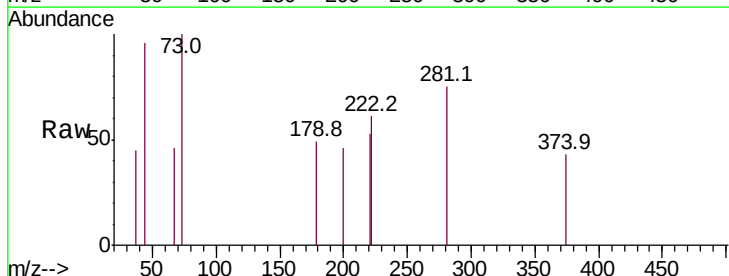


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

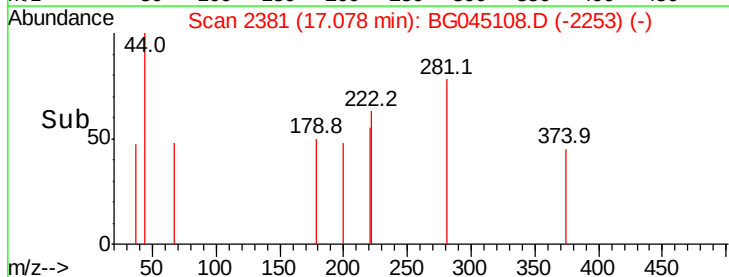
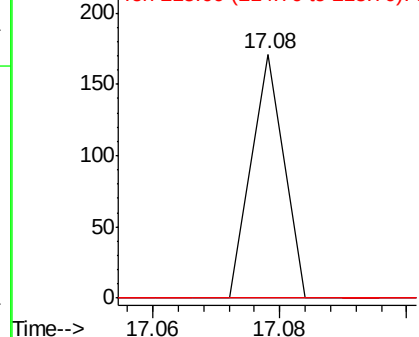


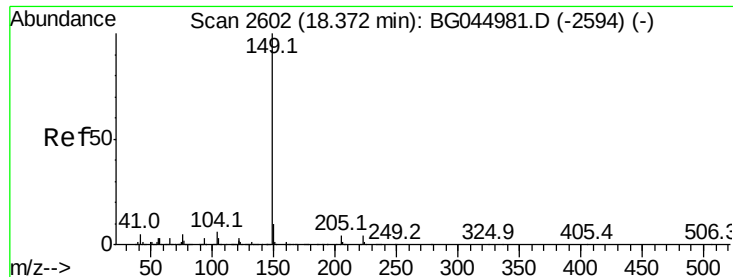
#69
Atrazine
Concen: Below Cal
RT: 17.08 min Scan# 2381
Delta R.T. 0.22 min
Lab File: BG045108.D
Acq: 21 Apr 2020 12:38

Tgt Ion:200 Resp: 60
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# 2602

Delta R.T. 0.01 min

Lab File: BG045108.D

Acq: 21 Apr 2020 12:38

Instrument :

BNA_G

ClientSampleId :

PB128352TB

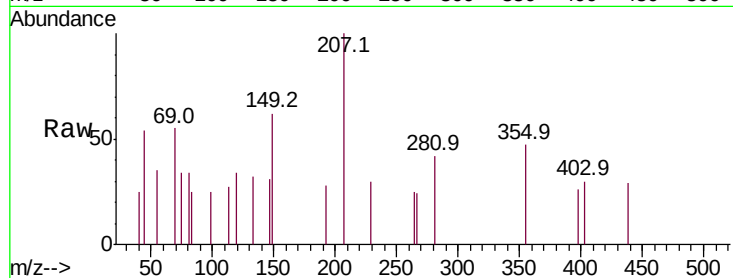
Tot Ion:149 Resp: 229

Ion Ratio Lower Upper

149 100

150 0.0 8.2 12.2#

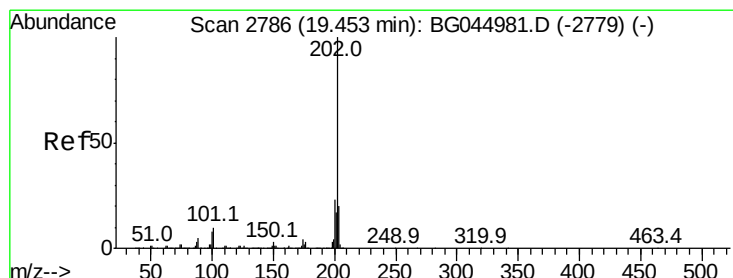
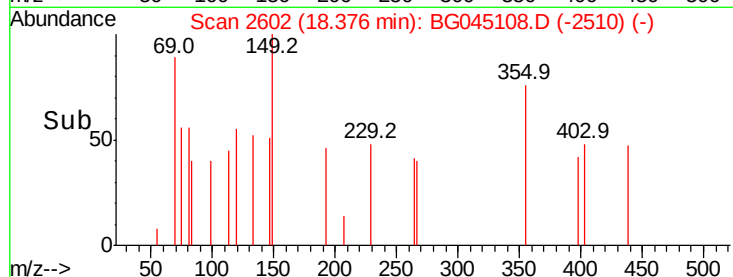
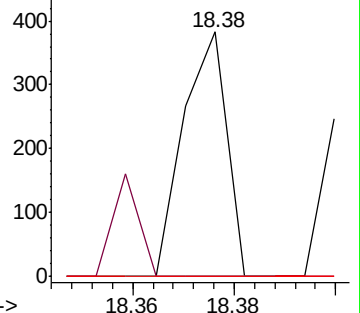
104 0.0 4.8 7.2#



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: 19.59 min Scan# 2809

Delta R.T. 0.14 min

Lab File: BG045108.D

Acq: 21 Apr 2020 12:38

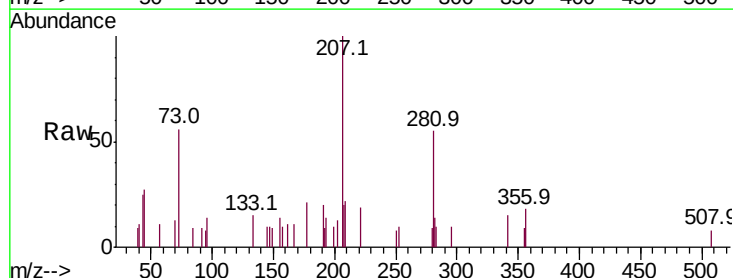
Tgt Ion:202 Resp: 85

Ion Ratio Lower Upper

202 100

101 0.0 0.0 29.6

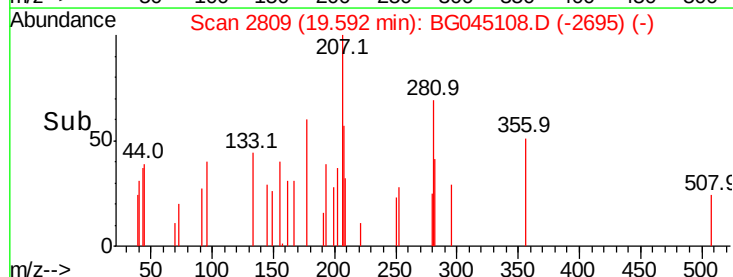
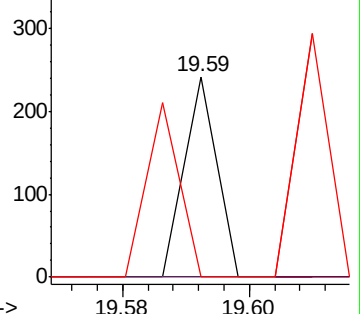
203 0.0 0.0 39.7

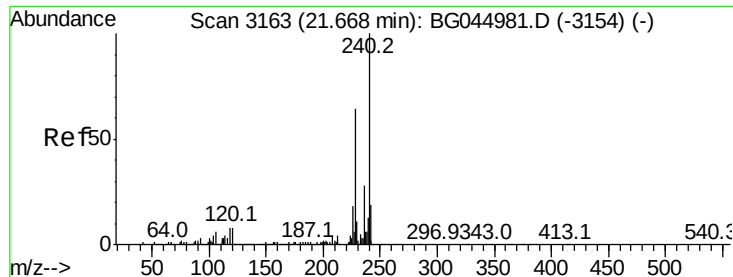


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.66 min Scan# 3161

Delta R.T. -0.01 min

Lab File: BG045108.D

Acq: 21 Apr 2020 12:38

Instrument :

BNA_G

ClientSampleId :

PB128352TB

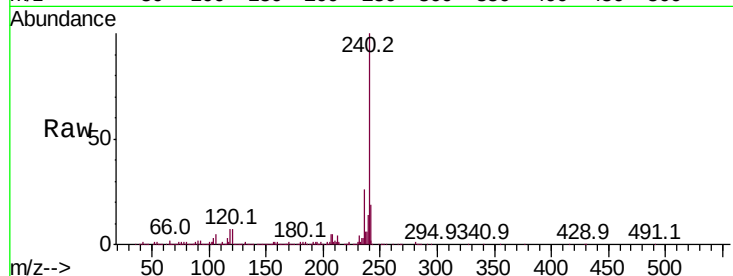
Tot Ion:240 Resp: 471230

Ion Ratio Lower Upper

240 100

120 7.3 6.6 10.0

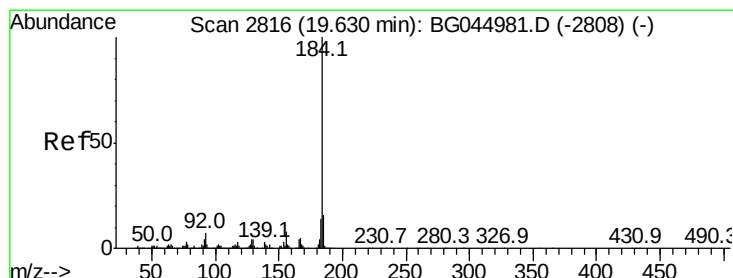
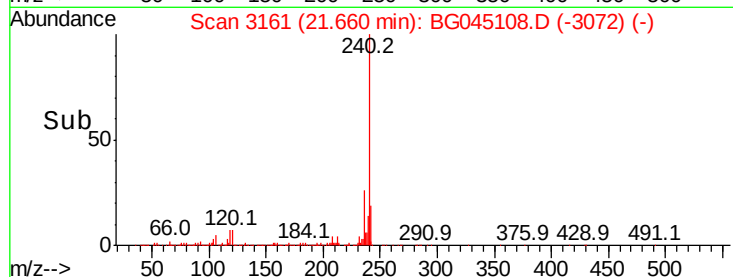
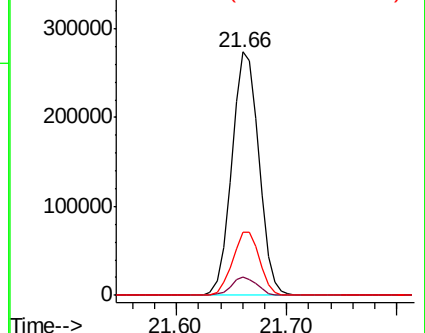
236 25.7 22.2 33.2



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



#77

Benzidine

Concen: Below Cal

RT: 20.02 min Scan# 2881

Delta R.T. 0.39 min

Lab File: BG045108.D

Acq: 21 Apr 2020 12:38

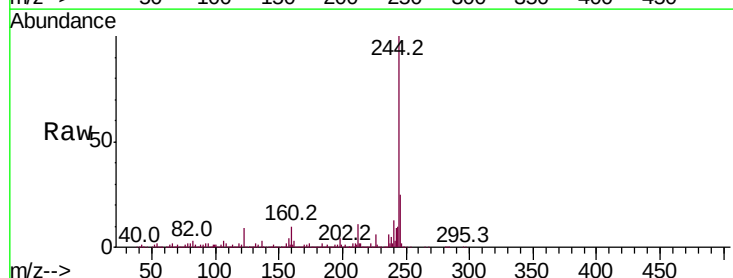
Tgt Ion:184 Resp: 45158

Ion Ratio Lower Upper

184 100

185 17.4 12.6 19.0

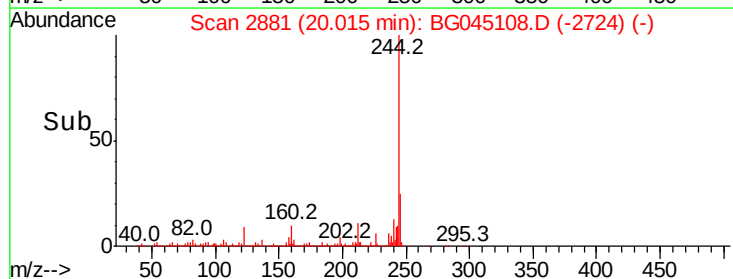
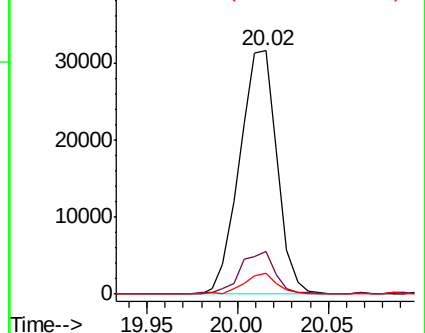
183 8.8 11.3 16.9#

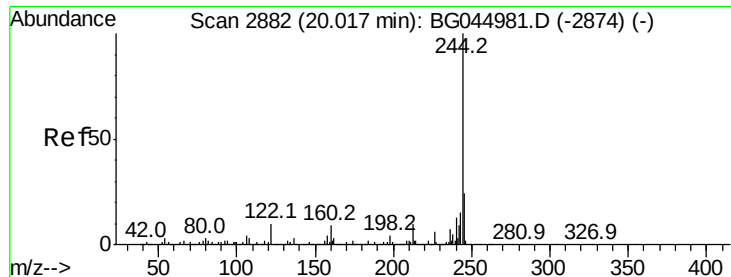


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#79

Terphenyl-d14

Concen: 107.071 ng

RT: 20.01 min Scan# 2880

Delta R.T. -0.00 min

Lab File: BG045108.D

Acq: 21 Apr 2020 12:38

Instrument :

BNA_G

ClientSampleId :

PB128352TB

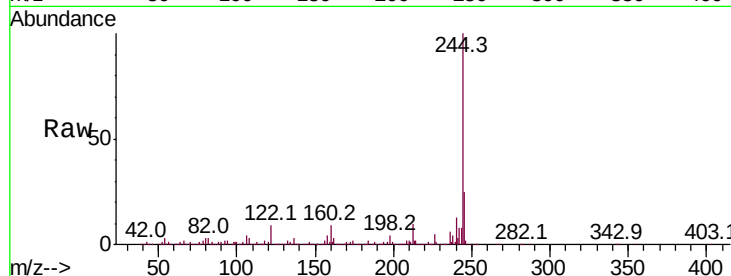
Tot Ion:244 Resp: 2314902

Ion Ratio Lower Upper

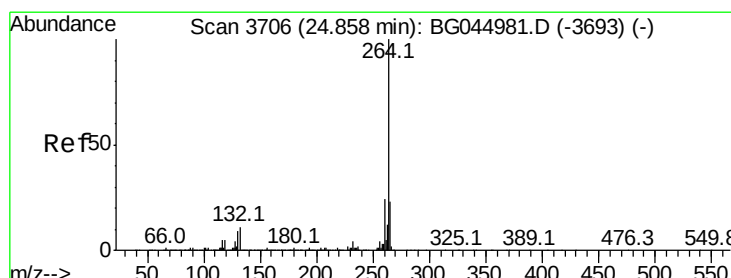
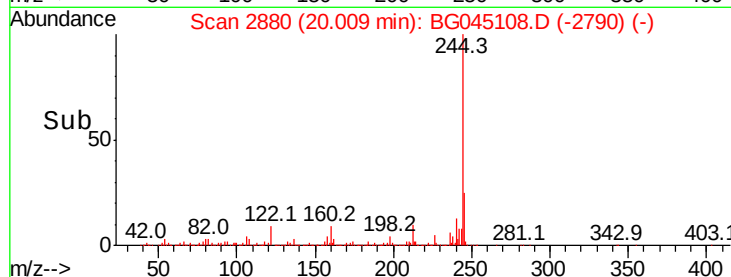
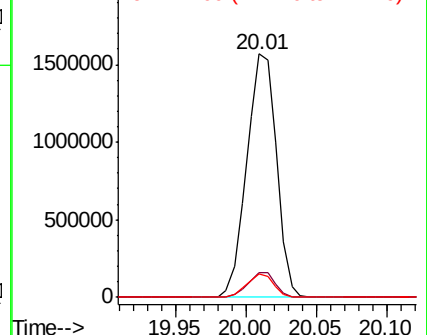
244 100

212 10.1 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

Perylene-d12

Concen: 20.000 ng

RT: 24.86 min Scan# 3705

Delta R.T. -0.00 min

Lab File: BG045108.D

Acq: 21 Apr 2020 12:38

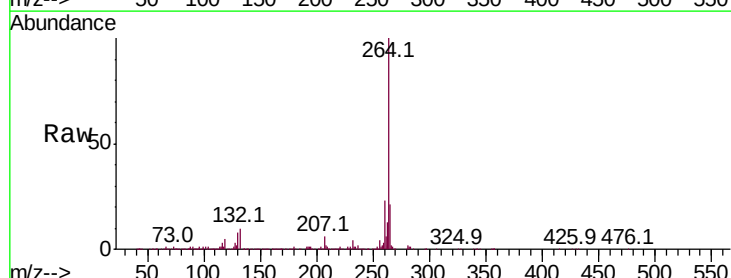
Tgt Ion:264 Resp: 502161

Ion Ratio Lower Upper

264 100

260 23.0 19.2 28.8

265 21.2 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

