

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042120\
 Data File : BG045110.D
 Acq On : 21 Apr 2020 13:58
 Operator : CG/JU
 Sample : L2323-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-20-COMP

Quant Time: Apr 21 15:04:18 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	63883	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	266605	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	212260	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	519750	20.00	ng	0.00
76) Chrysene-d12	21.66	240	494303	20.00	ng	0.00
87) Perylene-d12	24.85	264	519914	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.59	112	534198	138.05	ng	0.00
7) Phenol-d6	7.19	99	702456	122.19	ng	0.00
23) Nitrobenzene-d5	9.17	82	620331	106.17	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	524485	159.95	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1525695	105.40	ng	0.00
79) Terphenyl-d14	20.01	244	2550899	112.48	ng	0.00

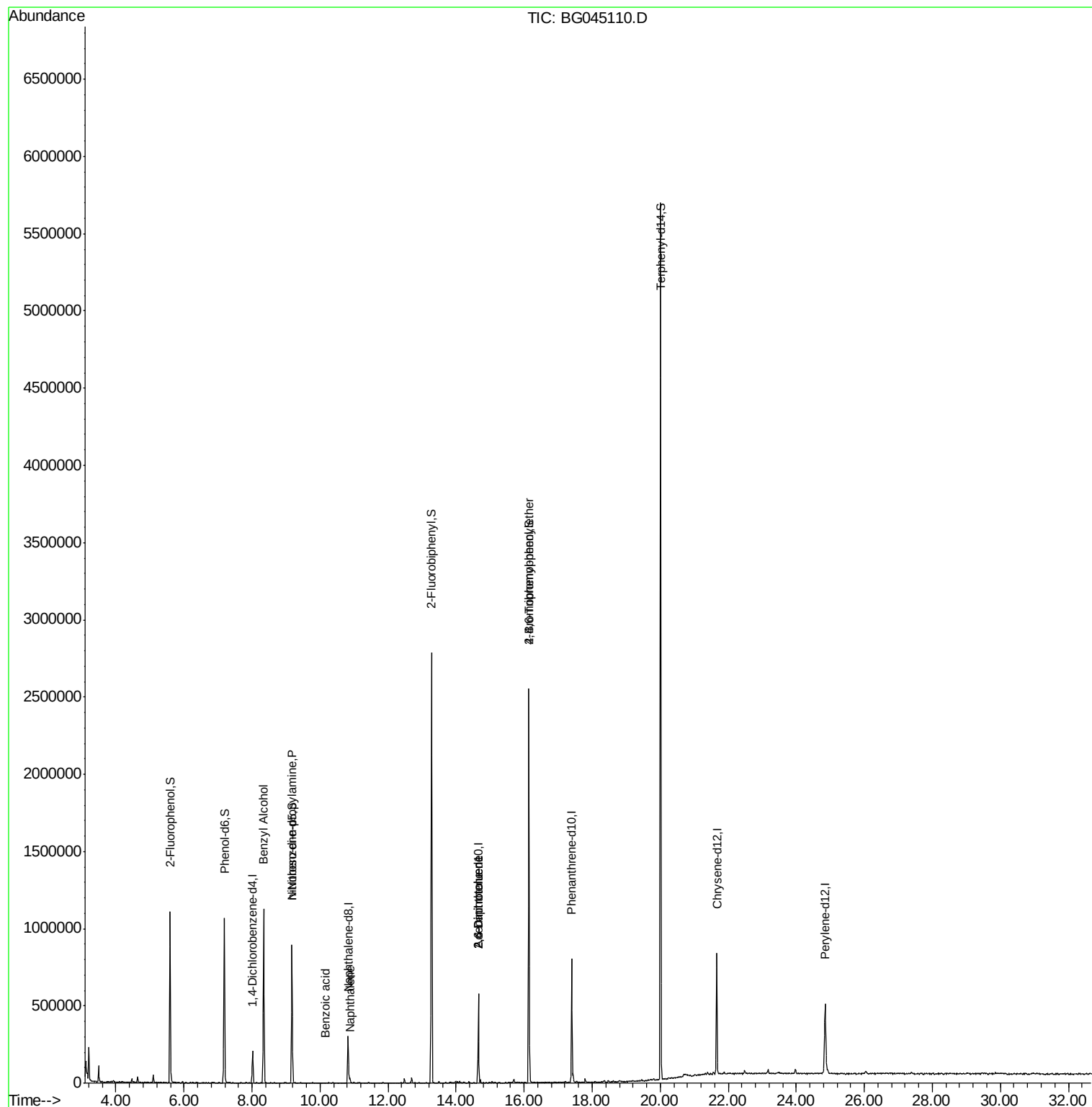
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	7.19	77	1422	Below Cal	#	4
15) Benzyl Alcohol	8.34	79	9887	2.051 ng	#	57
19) n-Nitroso-di-n-propylamine	9.17	70	83947	20.647 ng	#	78
31) Naphthalene	10.88	128	29575	2.028 ng	#	97
32) Benzoic acid	10.17	122	62	6.390 ng	#	41
51) 2,6-Dinitrotoluene	14.65	165	26504	6.856 ng	#	24
57) 2,4-Dinitrotoluene	14.65	165	26504	4.691 ng	#	22
67) 4-Bromophenyl-phenylether	16.14	248	36321	5.417 ng	#	1
69) Atrazine	16.60	200	76	Below Cal	#	35
74) Di-n-butylphthalate	18.37	149	9424	Below Cal		96
75) Fluoranthene	19.45	202	6175	Below Cal		98
77) Benzidine	20.01	184	53968	Below Cal	#	89

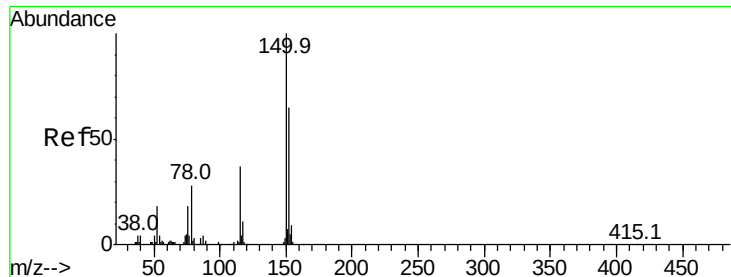
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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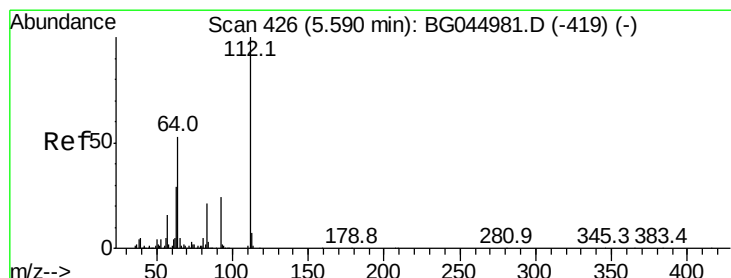
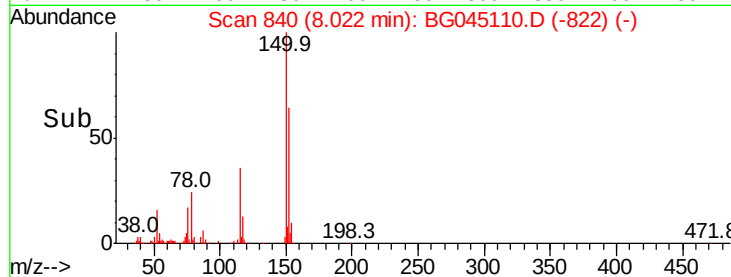
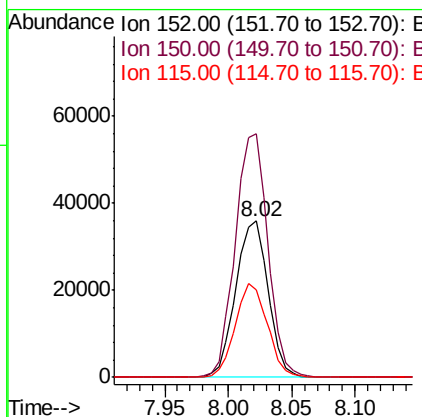
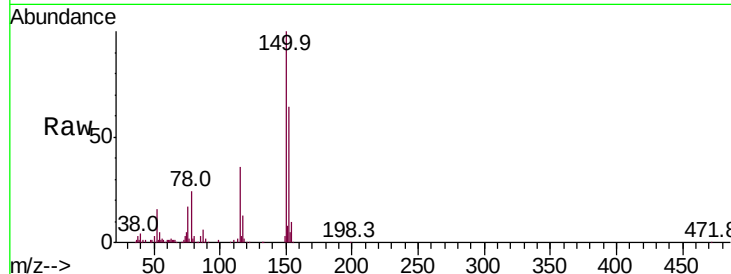




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.02 min Scan# 840
 Delta R.T. 0.00 min
 Lab File: BG045110.D
 Acq: 21 Apr 2020 13:58

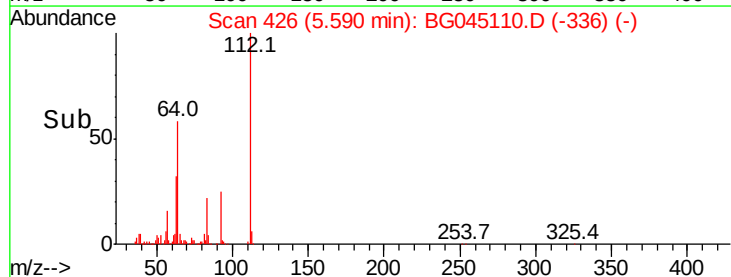
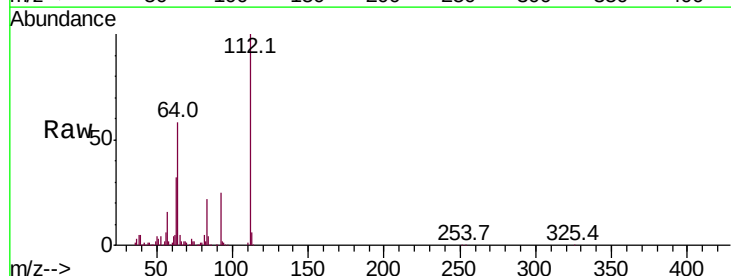
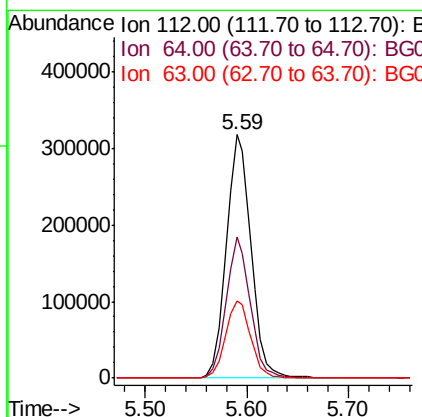
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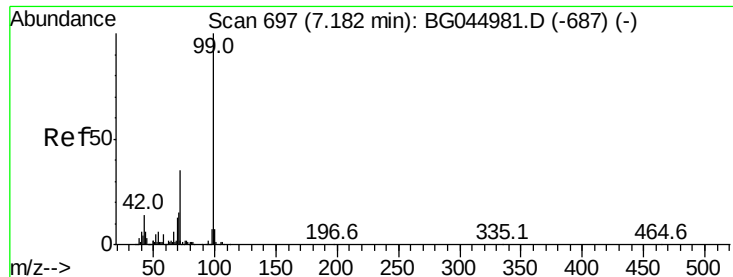
Tot Ion:	152	Resp:	63883
Ion	Ratio	Lower	Upper
152	100		
150	155.6	123.6	185.4
115	56.2	49.1	73.7



#5
 2-Fluorophenol
 Concen: 138.054 ng
 RT: 5.59 min Scan# 426
 Delta R.T. -0.00 min
 Lab File: BG045110.D
 Acq: 21 Apr 2020 13:58

Tgt Ion:	112	Resp:	534198
Ion	Ratio	Lower	Upper
112	100		
64	58.1	42.4	63.6
63	31.7	23.1	34.7





#7

Phenol-d6

Concen: 122.186 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG045110.D

Acq: 21 Apr 2020 13:58

Instrument :

BNA_G

ClientSampleId :

TP-20-COMP

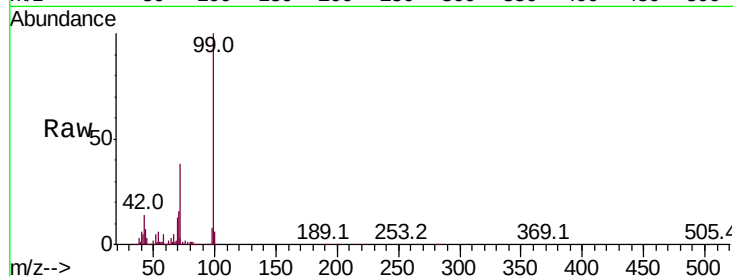
Tot Ion: 99 Resp: 702456

Ion Ratio Lower Upper

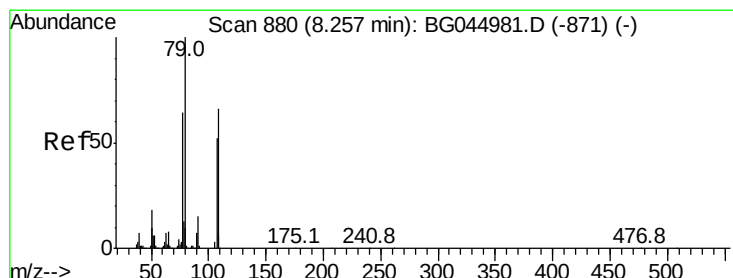
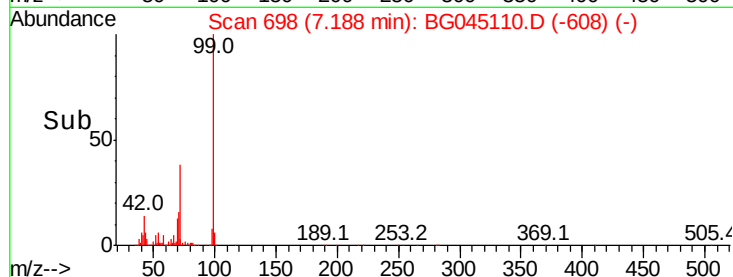
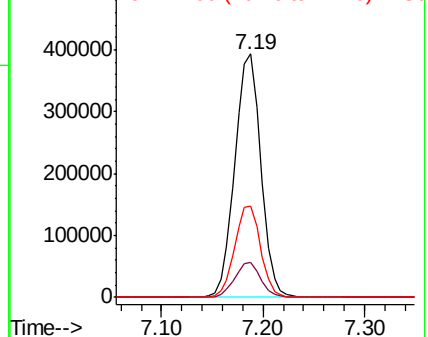
99 100

42 14.4 11.3 16.9

71 37.7 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: 8.34 min Scan# 895

Delta R.T. 0.09 min

Lab File: BG045110.D

Acq: 21 Apr 2020 13:58

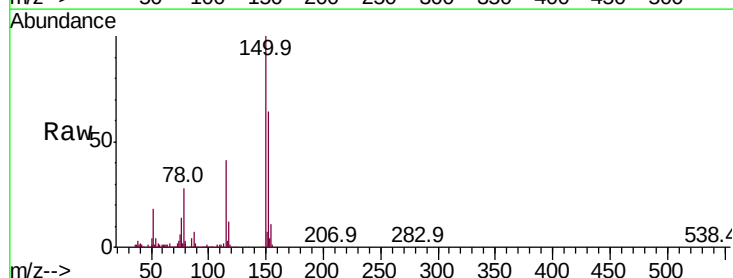
Tgt Ion: 79 Resp: 9887

Ion Ratio Lower Upper

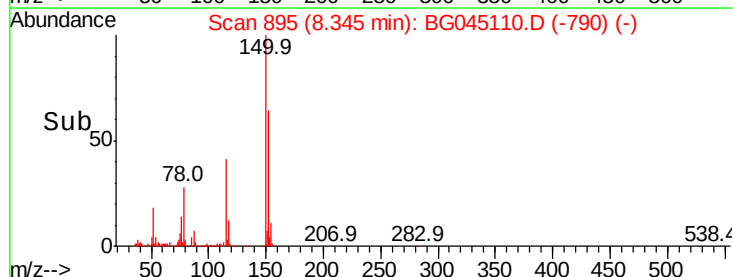
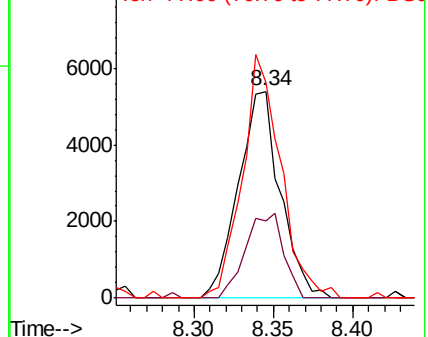
79 100

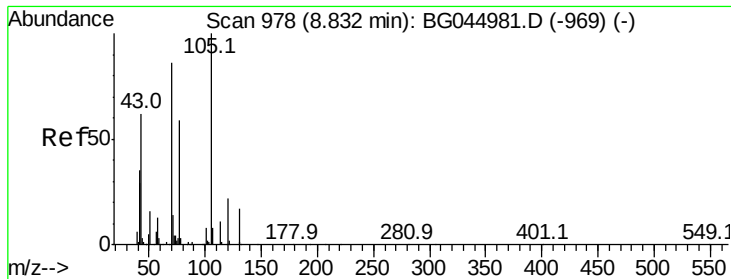
108 37.6 52.7 79.1#

77 104.2 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

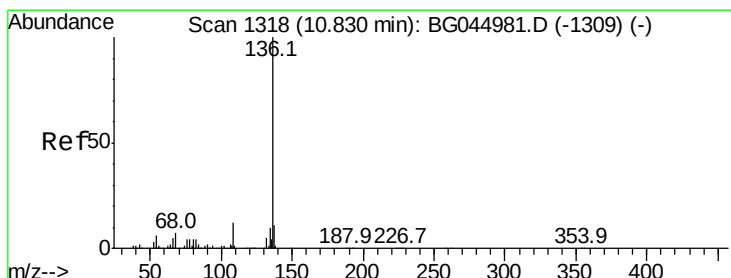
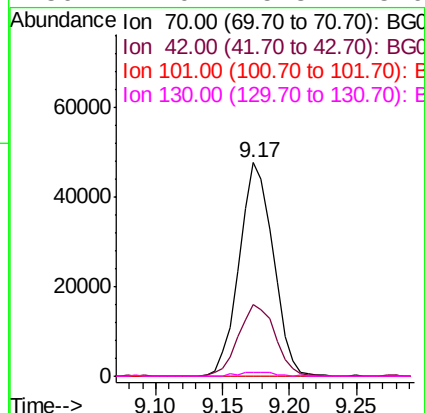
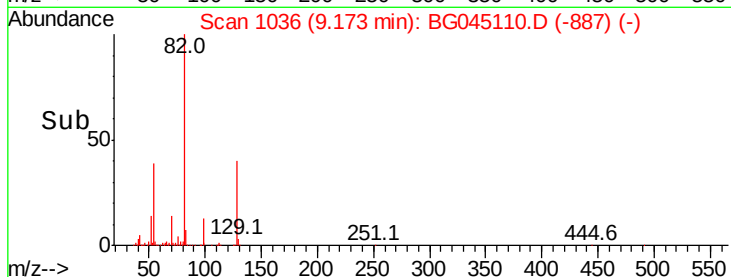
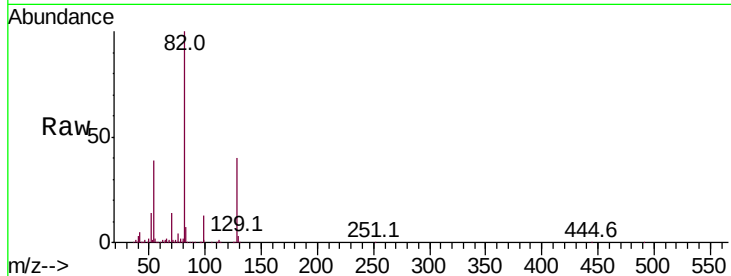




#19
n-Nitroso-di-n-propylamine
Concen: 20.647 ng
RT: 9.17 min Scan# 1036
Delta R.T. 0.35 min
Lab File: BG045110.D
Acq: 21 Apr 2020 13:58

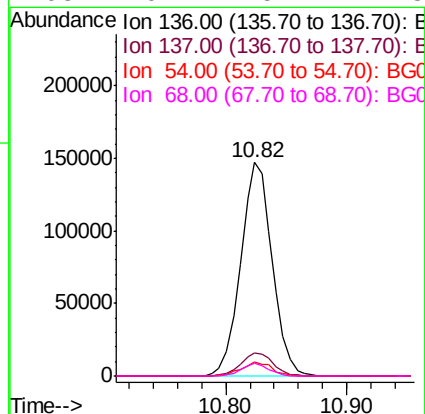
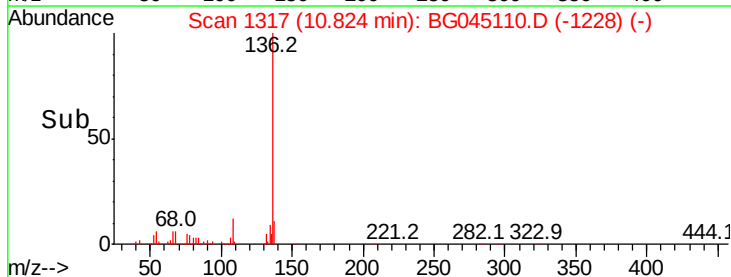
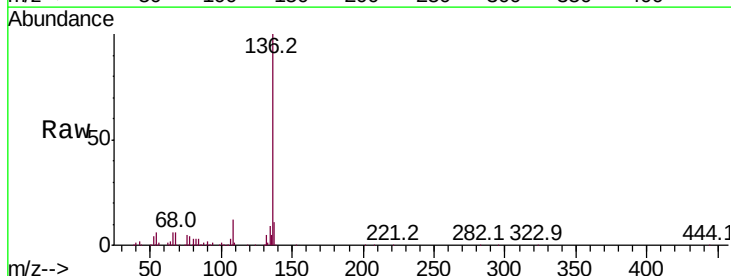
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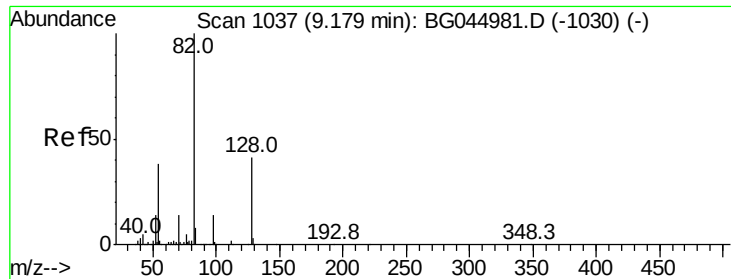
Tot Ion:	70	Resp:	83947
Ion Ratio	Lower	Upper	
70	100		
42	33.3	33.3	49.9
101	0.0	7.8	11.8#
130	2.0	15.8	23.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BG045110.D
Acq: 21 Apr 2020 13:58

Tgt Ion:	136	Resp:	266605
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.6	13.0
54	6.4	4.8	7.2
68	6.1	5.2	7.8

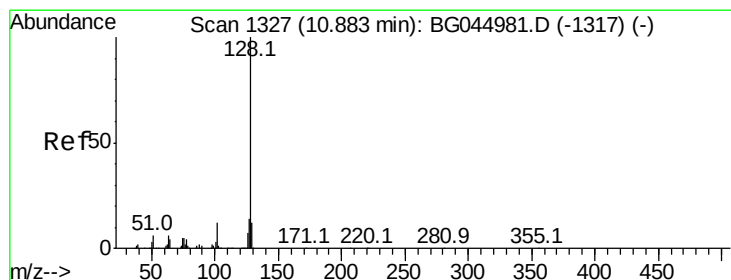
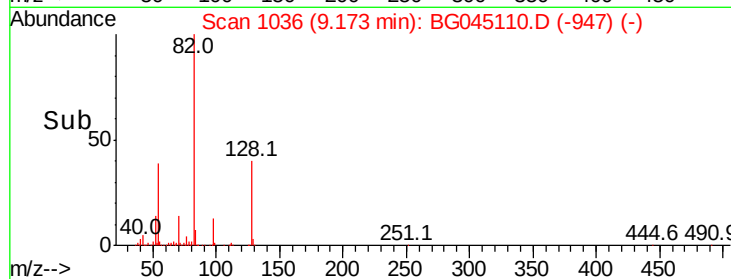
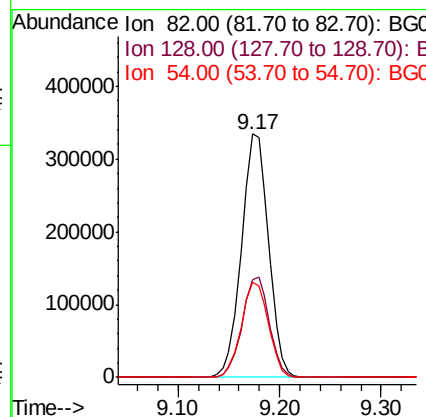
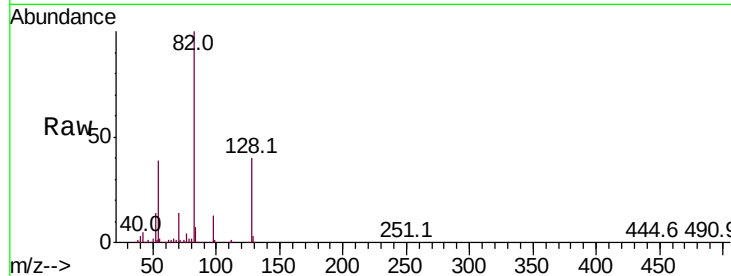




#23
 Nitrobenzene-d5
 Concen: 106.168 ng
 RT: 9.17 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: BG045110.D
 Acq: 21 Apr 2020 13:58

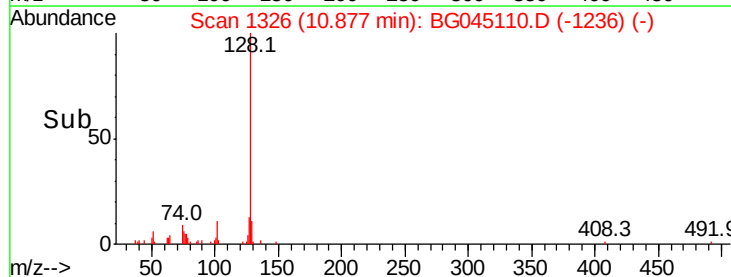
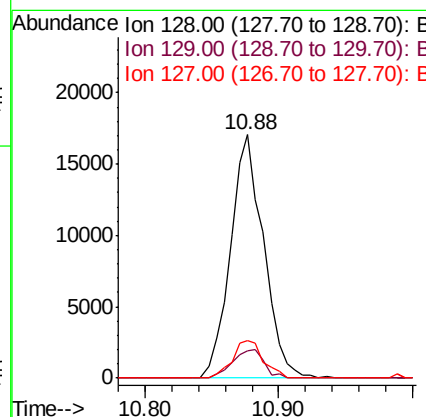
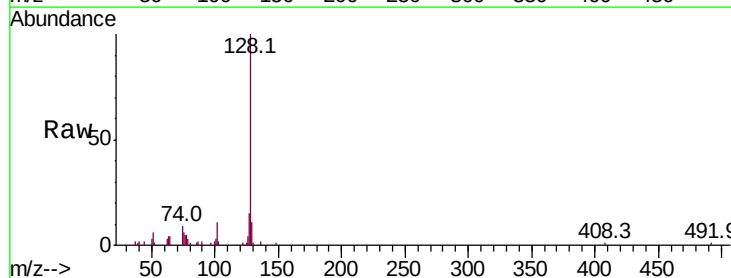
Instrument :
 BNA_G
 ClientSampleId :
 TP-20-COMP

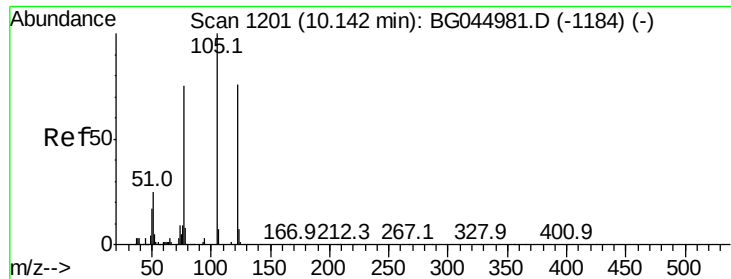
Tot Ion	Ratio	Lower	Upper
82	100		
128	40.0	33.0	49.4
54	38.9	30.4	45.6



#31
 Naphthalene
 Concen: 2.028 ng
 RT: 10.88 min Scan# 1326
 Delta R.T. -0.00 min
 Lab File: BG045110.D
 Acq: 21 Apr 2020 13:58

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.4	14.2
127	15.3	10.8	16.2

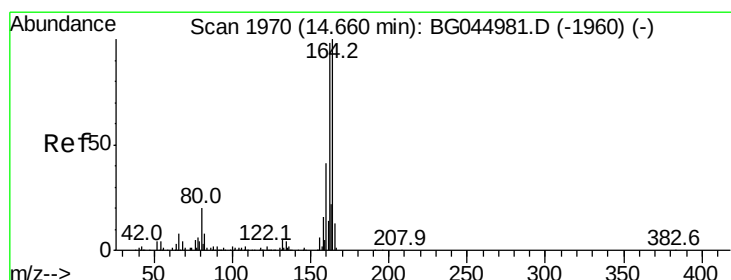
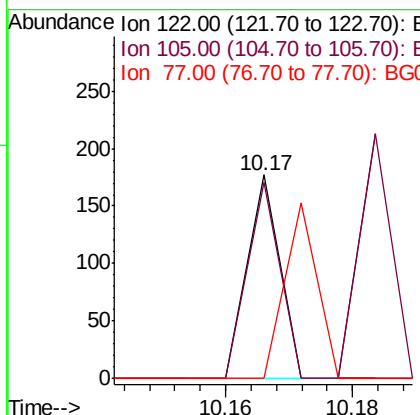
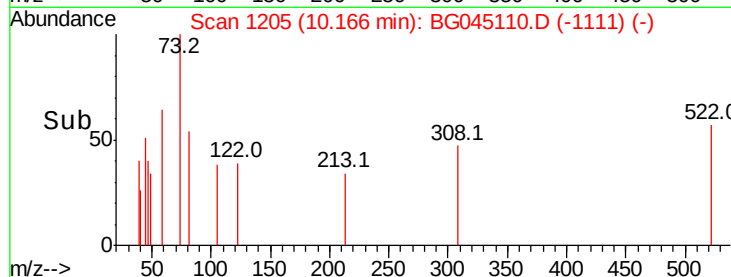
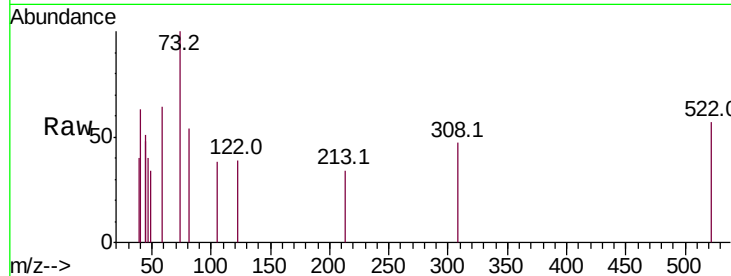




#32
Benzoic acid
Concen: 6.390 ng
RT: 10.17 min Scan# 1205
Delta R.T. 0.02 min
Lab File: BG045110.D
Acq: 21 Apr 2020 13:58

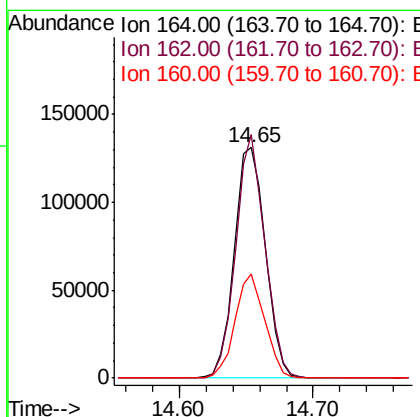
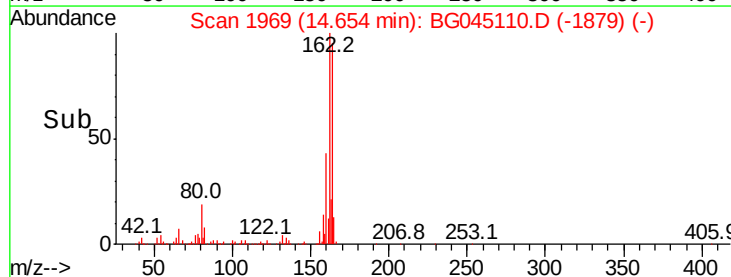
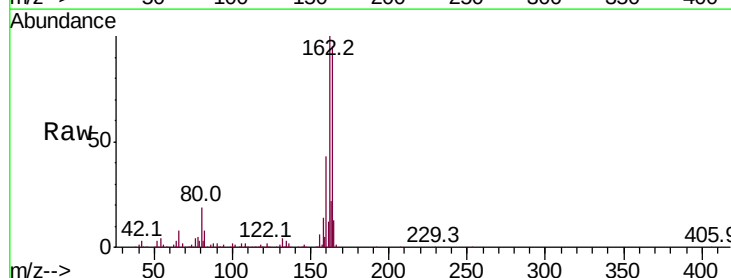
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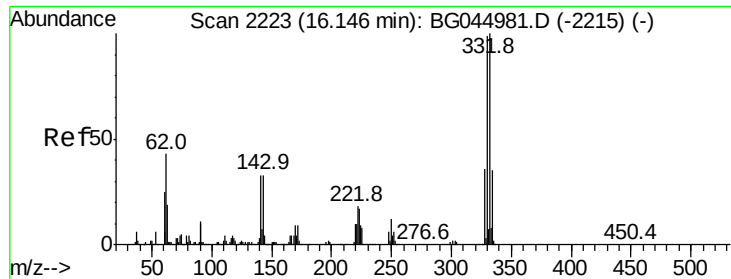
Tot Ion:122 Resp: 62
Ion Ratio Lower Upper
122 100
105 96.6 108.4 148.4#
77 0.0 78.8 118.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1969
Delta R.T. -0.00 min
Lab File: BG045110.D
Acq: 21 Apr 2020 13:58

Tgt Ion:164 Resp: 212260
Ion Ratio Lower Upper
164 100
162 105.6 78.7 118.1
160 44.9 32.8 49.2

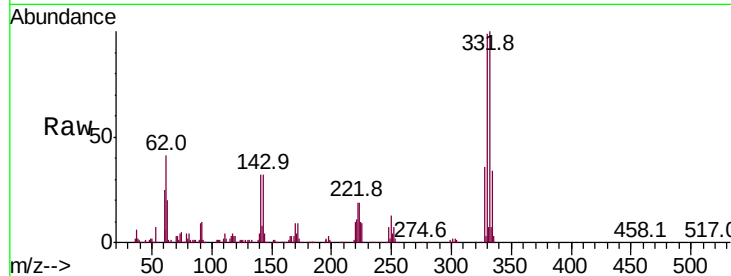




#42
 2,4,6-Tribromophenol
 Concen: 159.946 ng
 RT: 16.15 min Scan# 2223
 Delta R.T. -0.00 min
 Lab File: BG045110.D
 Acq: 21 Apr 2020 13:58

Instrument :
 BNA_G
 ClientSampleId :
 TP-20-COMP

Tot Ion	Ratio	Lower	Upper
330	100		
332	99.5	79.1	118.7
141	35.1	27.1	40.7

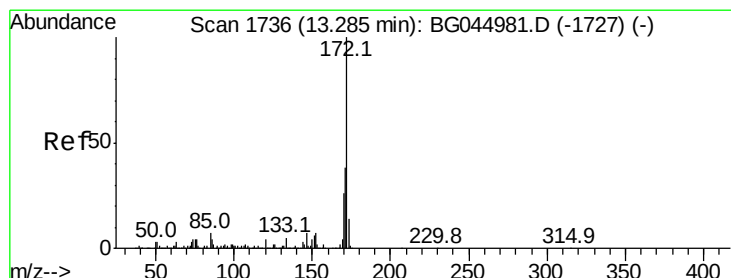
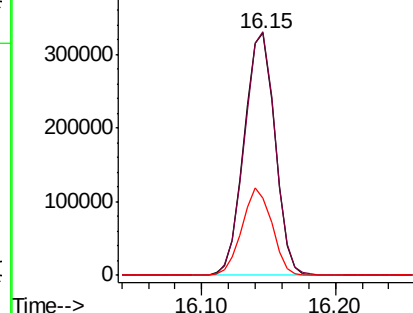
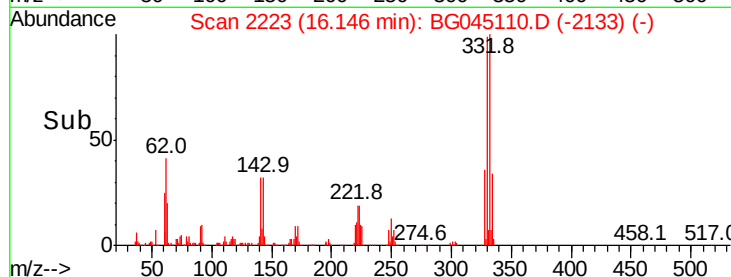


Abundance

Ion 329.80 (329.50 to 330.50): E

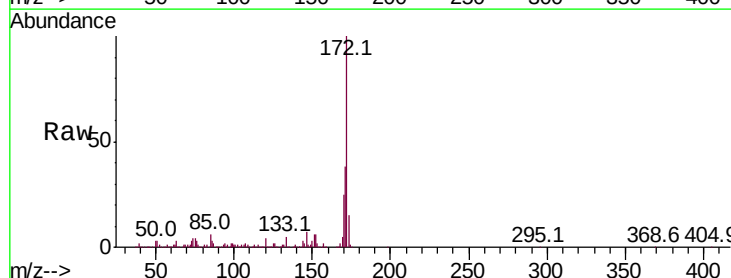
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 105.397 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.00 min
 Lab File: BG045110.D
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Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.5	30.6	46.0
170	25.2	20.5	30.7

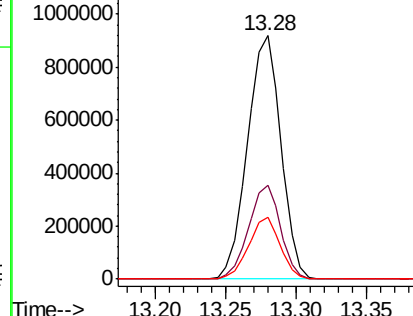
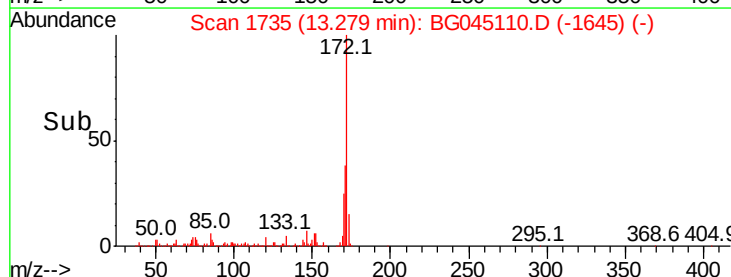


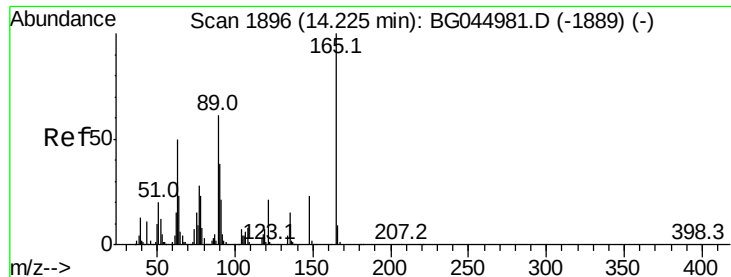
Abundance

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

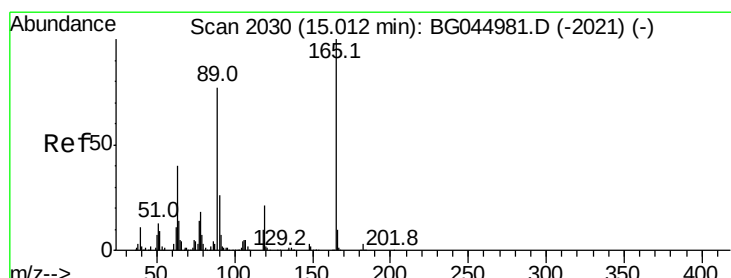
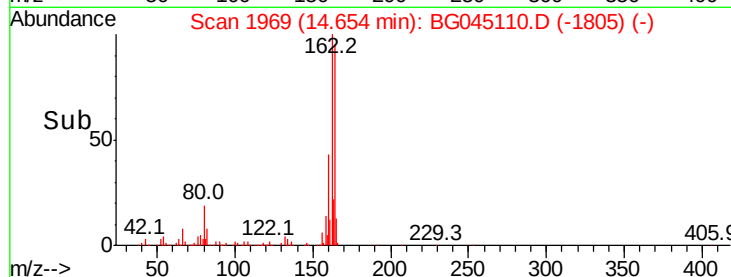
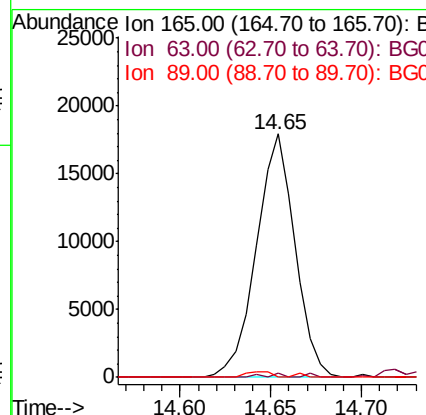
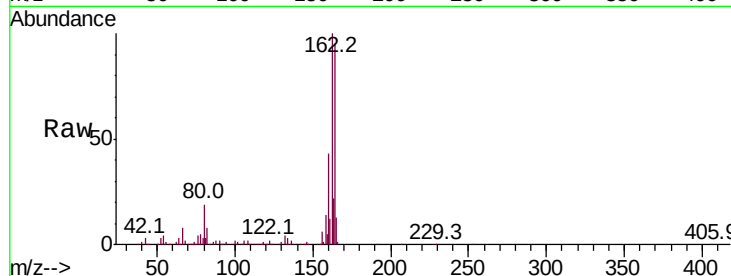




#51
2,6-Dinitrotoluene
Concen: 6.856 ng
RT: 14.65 min Scan# 1969
Delta R.T. 0.43 min
Lab File: BG045110.D
Acq: 21 Apr 2020 13:58

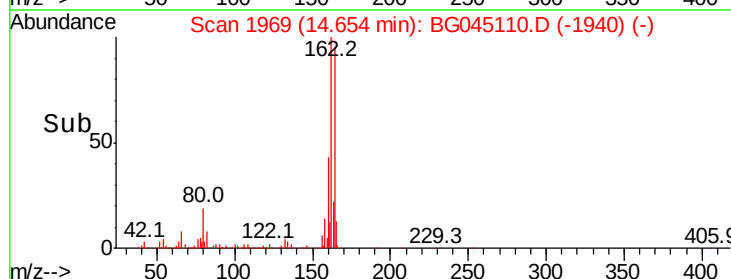
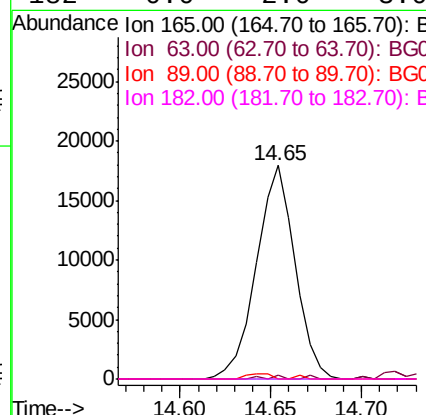
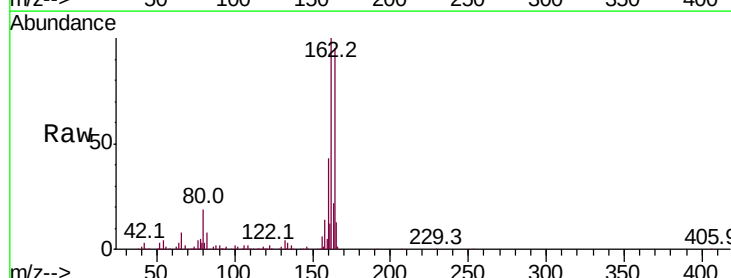
Instrument :
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ClientSampleId :
TP-20-COMP

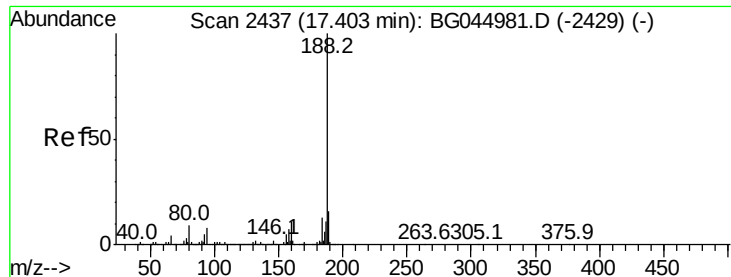
Tot Ion	Ratio	Lower	Upper
165	100		
63	2.0	40.4	60.6#
89	0.0	49.1	73.7#



#57
2,4-Dinitrotoluene
Concen: 4.691 ng
RT: 14.65 min Scan# 1969
Delta R.T. -0.36 min
Lab File: BG045110.D
Acq: 21 Apr 2020 13:58

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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.40 min Scan# 2436

Delta R.T. -0.01 min

Lab File: BG045110.D

Acq: 21 Apr 2020 13:58

Instrument :

BNA_G

ClientSampleId :

TP-20-COMP

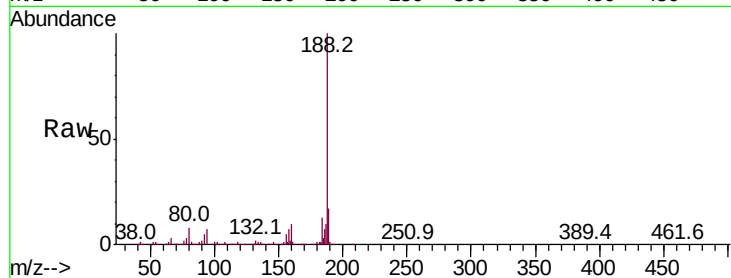
Tot Ion:188 Resp: 519750

Ion Ratio Lower Upper

188 100

94 7.4 6.2 9.4

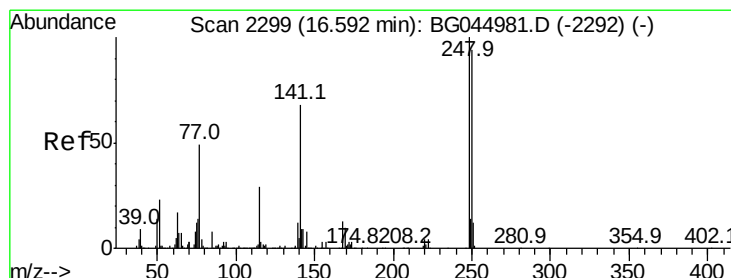
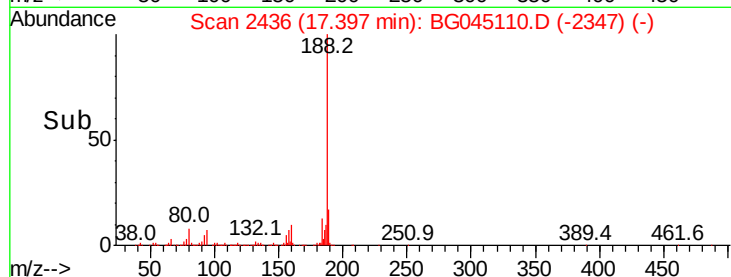
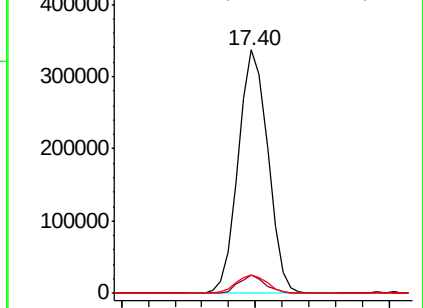
80 7.7 7.0 10.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#67

4-Bromophenyl-phenylether

Concen: 5.417 ng

RT: 16.14 min Scan# 2222

Delta R.T. -0.45 min

Lab File: BG045110.D

Acq: 21 Apr 2020 13:58

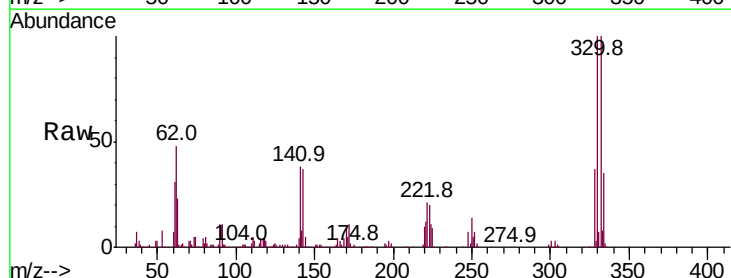
Tgt Ion:248 Resp: 36321

Ion Ratio Lower Upper

248 100

250 189.2 75.4 113.2#

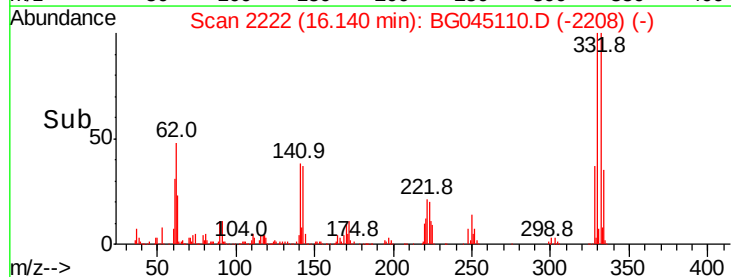
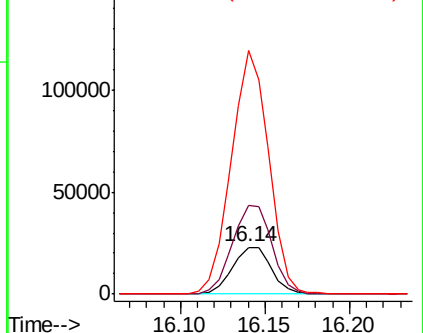
141 521.2 54.4 81.6#

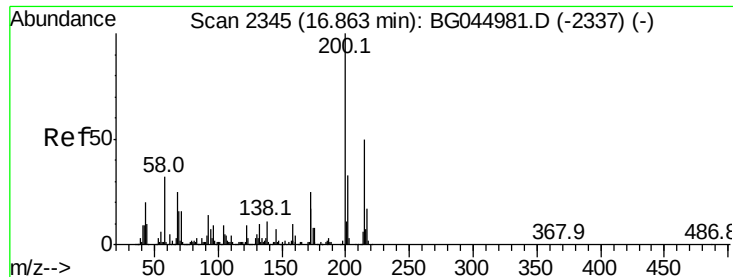


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#69

Atrazine

Concen: Below Cal

RT: 16.60 min Scan# 2300

Delta R.T. -0.26 min

Lab File: BG045110.D

Acq: 21 Apr 2020 13:58

Instrument :

BNA_G

ClientSampleId :

TP-20-COMP

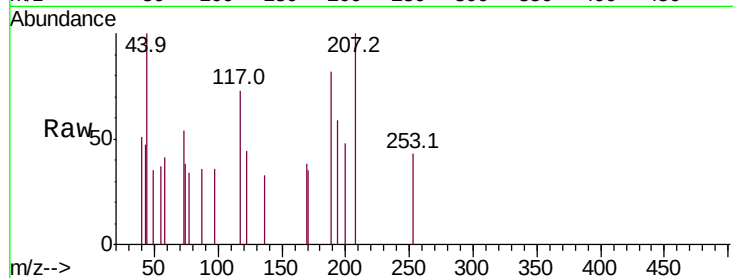
Tot Ion:200 Resp: 76

Ion Ratio Lower Upper

200 100

173 0.0 4.5 44.5#

215 0.0 30.0 70.0#

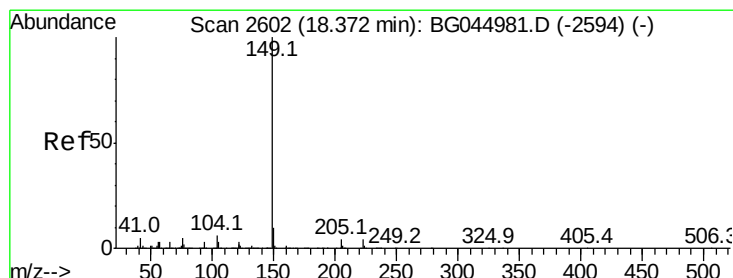
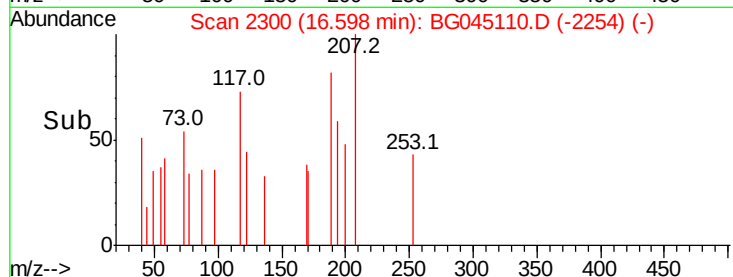
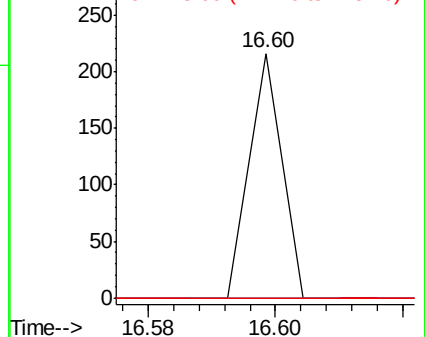


Abundance

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: 18.37 min Scan# 2601

Delta R.T. -0.00 min

Lab File: BG045110.D

Acq: 21 Apr 2020 13:58

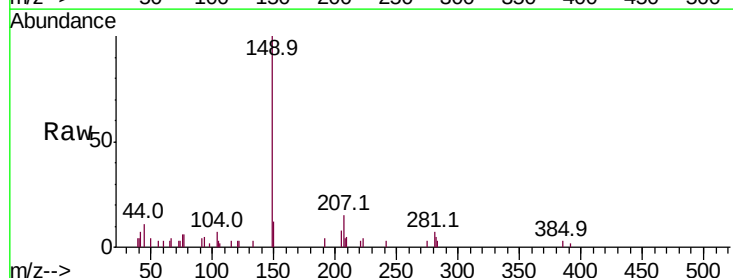
Tgt Ion:149 Resp: 9424

Ion Ratio Lower Upper

149 100

150 11.6 8.2 12.2

104 7.1 4.8 7.2

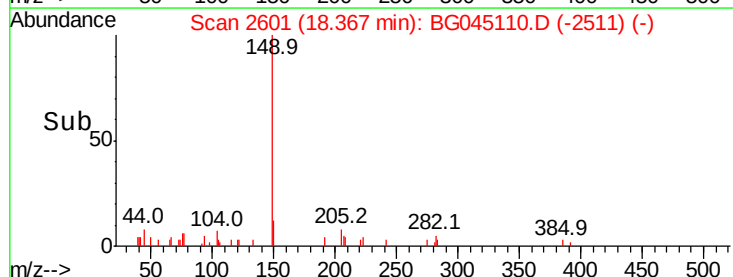
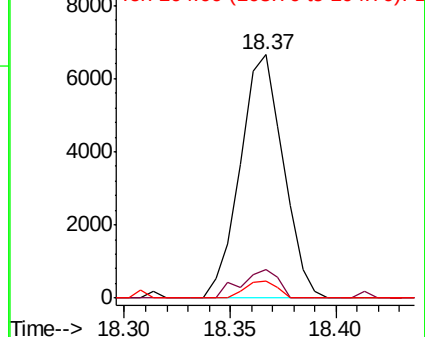


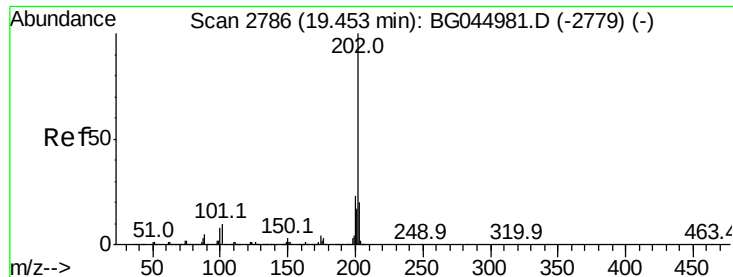
Abundance

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# 2785

Delta R.T. -0.01 min

Lab File: BG045110.D

Acq: 21 Apr 2020 13:58

Instrument :

BNA_G

ClientSampleId :

TP-20-COMP

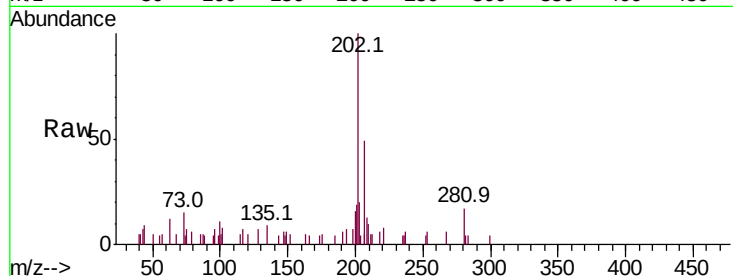
Tot Ion:202 Resp: 6175

Ion Ratio Lower Upper

202 100

101 7.6 0.0 29.6

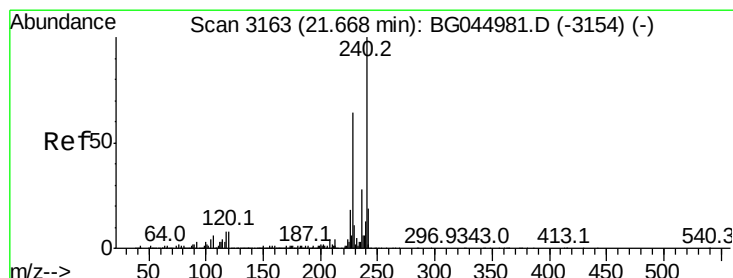
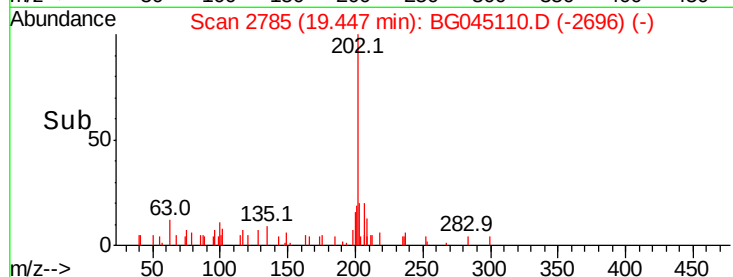
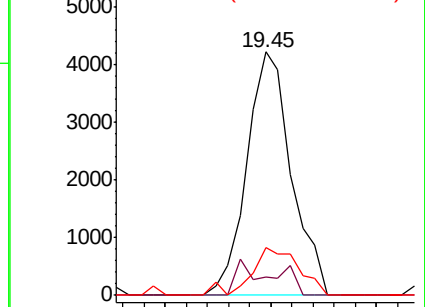
203 19.7 0.0 39.7



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# 3162

Delta R.T. -0.01 min

Lab File: BG045110.D

Acq: 21 Apr 2020 13:58

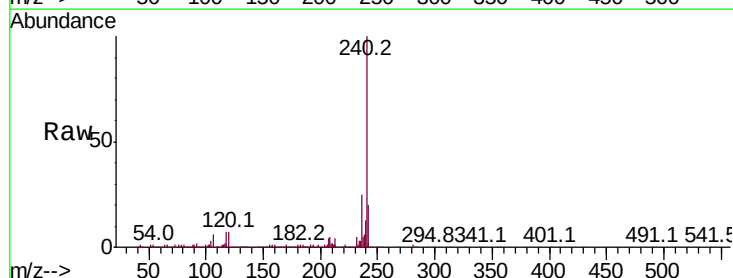
Tgt Ion:240 Resp: 494303

Ion Ratio Lower Upper

240 100

120 7.3 6.6 10.0

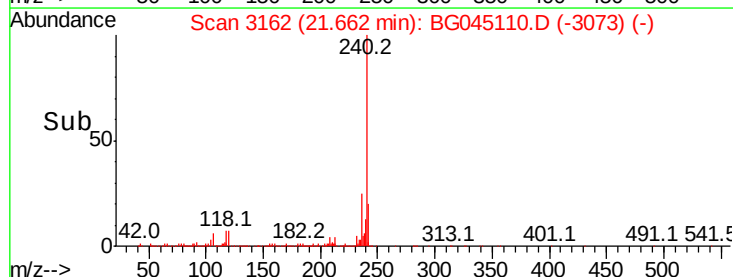
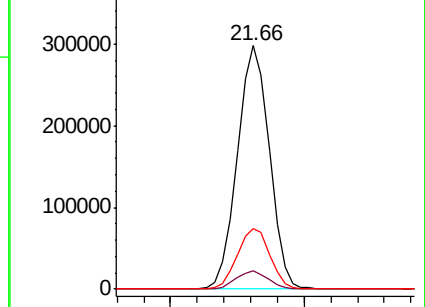
236 24.7 22.2 33.2

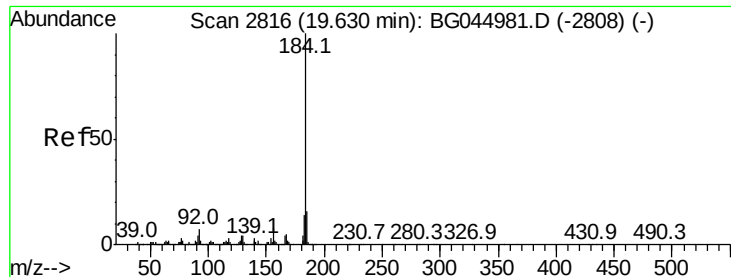


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: Below Cal

RT: 20.01 min Scan# 2881

Delta R.T. 0.39 min

Lab File: BG045110.D

Acq: 21 Apr 2020 13:58

Instrument :

BNA_G

ClientSampleId :

TP-20-COMP

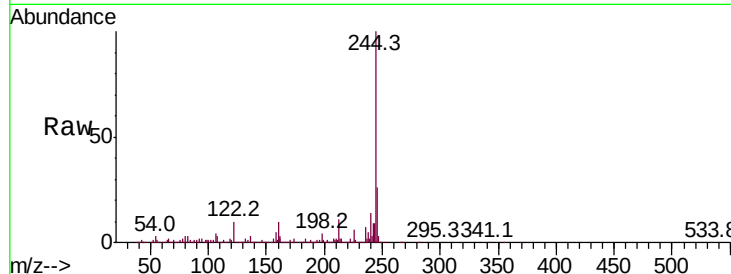
Tot Ion:184 Resp: 53968

Ion Ratio Lower Upper

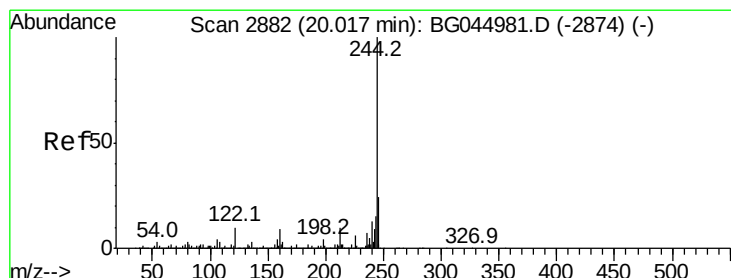
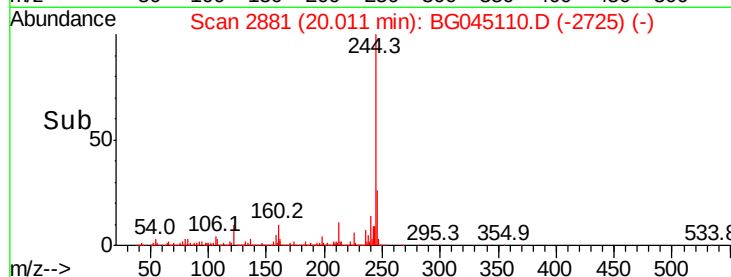
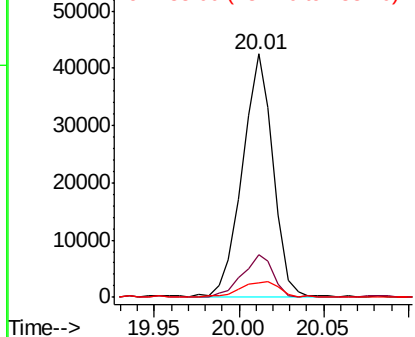
184 100

185 17.3 12.6 19.0

183 5.9 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: 112.479 ng

RT: 20.01 min Scan# 2881

Delta R.T. -0.00 min

Lab File: BG045110.D

Acq: 21 Apr 2020 13:58

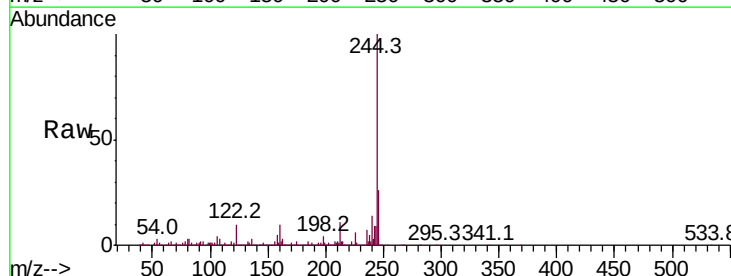
Tgt Ion:244 Resp: 2550899

Ion Ratio Lower Upper

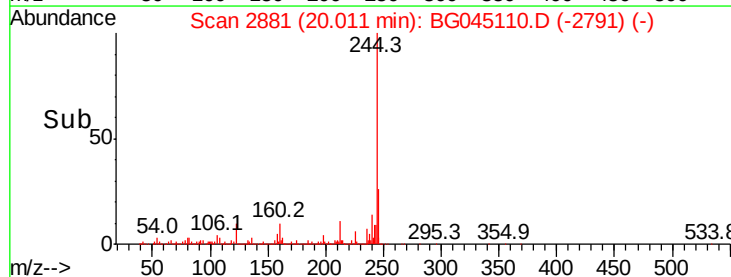
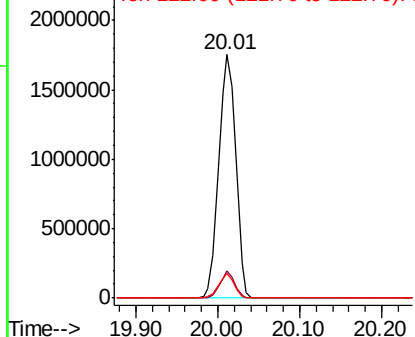
244 100

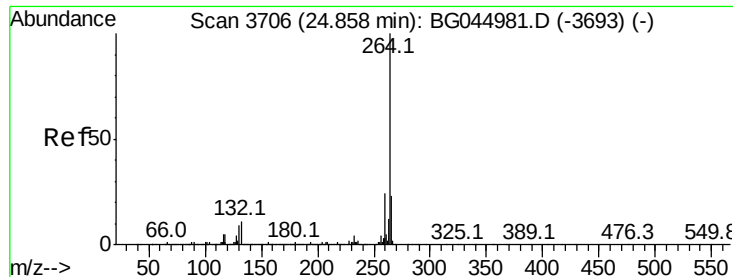
212 11.1 7.9 11.9

122 10.1 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. -0.01 min
Lab File: BG045110.D
Acq: 21 Apr 2020 13:58

Instrument :
BNA_G
ClientSampleId :
TP-20-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	22.9	19.0	28.4

