

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042120\
 Data File : BG045111.D
 Acq On : 21 Apr 2020 14:38
 Operator : CG/JU
 Sample : L2344-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-2

Quant Time: Apr 21 15:43:53 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	55938	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	234863	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	186763	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	466912	20.00	ng	0.00
76) Chrysene-d12	21.66	240	465690	20.00	ng	0.00
87) Perylene-d12	24.85	264	493481	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.59	112	453696	133.90	ng	0.00
7) Phenol-d6	7.19	99	609842	121.14	ng	0.00
23) Nitrobenzene-d5	9.17	82	536312	104.19	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	456145	158.10	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1315084	103.25	ng	0.00
79) Terphenyl-d14	20.01	244	2402415	112.44	ng	0.00

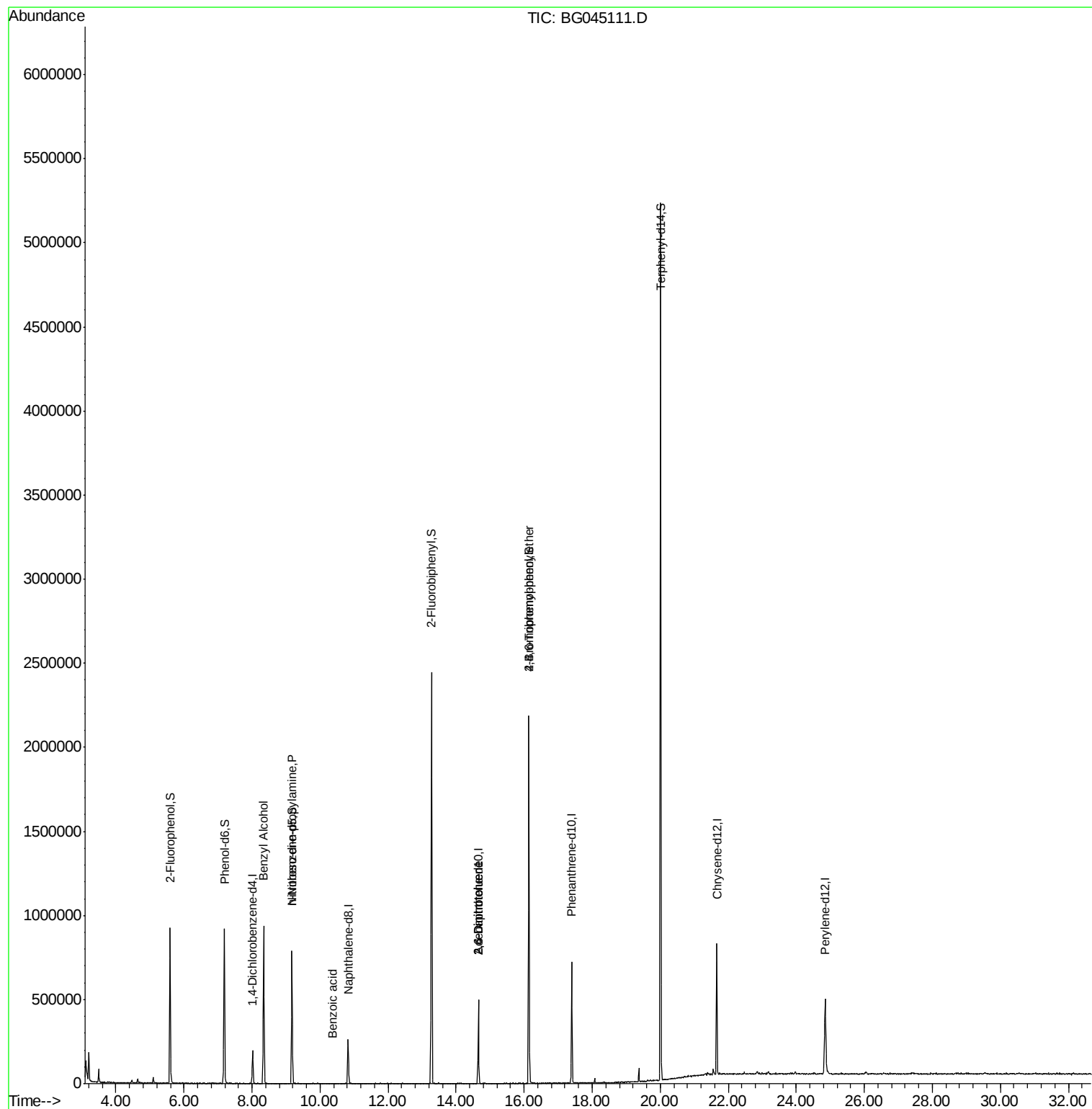
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	7.18	77	1313	Below Cal	#	4
15) Benzyl Alcohol	8.34	79	9066	2.148 ng	#	49
19) n-Nitroso-di-n-propylamine	9.17	70	73974	20.779 ng	#	78
32) Benzoic acid	10.36	122	81	6.398 ng	#	1
51) 2,6-Dinitrotoluene	14.65	165	24214	7.119 ng	#	25
57) 2,4-Dinitrotoluene	14.65	165	24214	4.871 ng	#	23
67) 4-Bromophenyl-phenylether	16.14	248	30232	5.019 ng	#	1
69) Atrazine	16.90	200	68	Below Cal	#	35
74) Di-n-butylphthalate	18.37	149	1375	Below Cal	#	72
75) Fluoranthene	19.45	202	191	Below Cal	#	62
77) Benzydine	19.63	184	7459	Below Cal	#	94

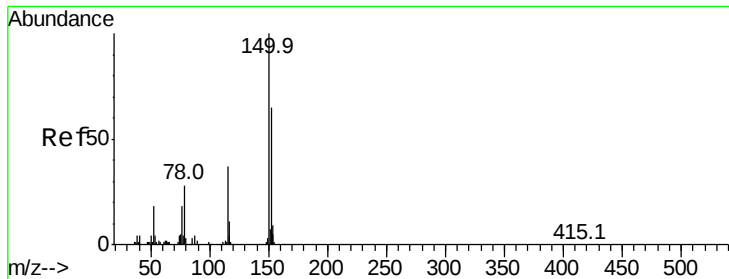
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042120\
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ALS Vial : 7 Sample Multiplier: 1

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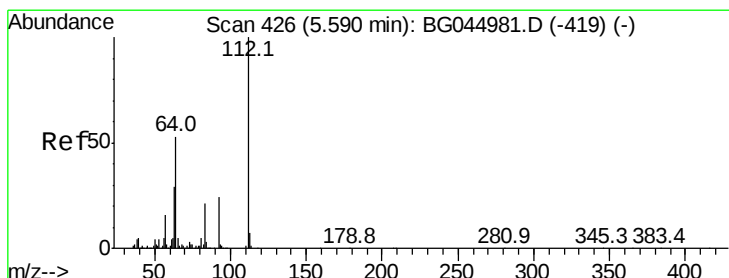
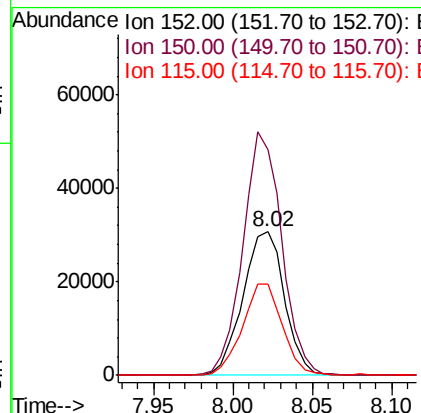
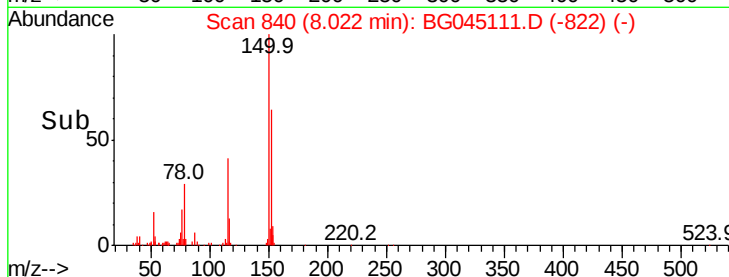
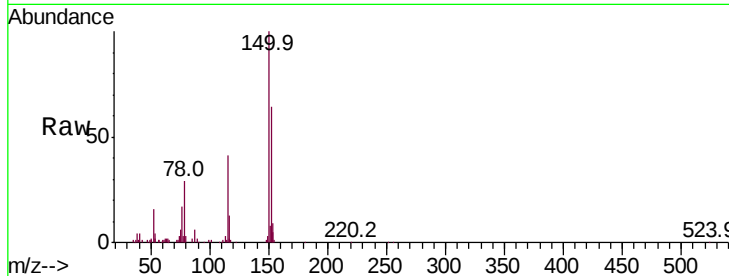




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.02 min Scan# 840
 Delta R.T. 0.00 min
 Lab File: BG045111.D
 Acq: 21 Apr 2020 14:38

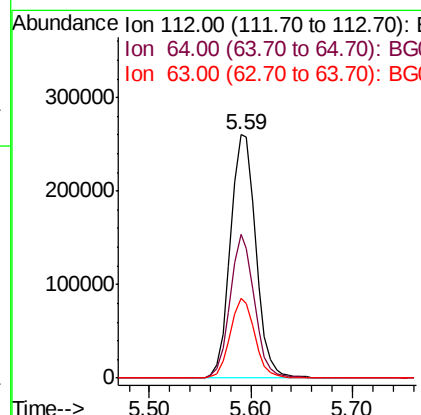
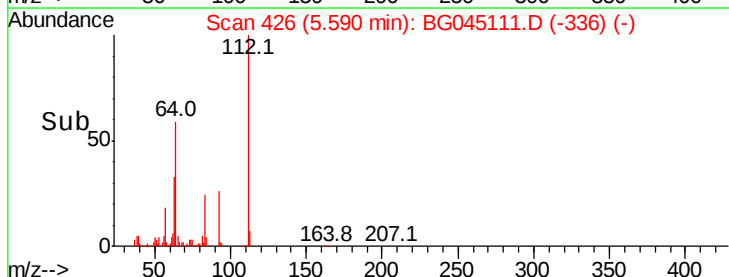
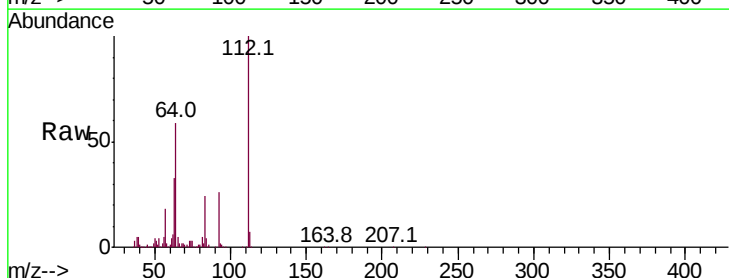
Instrument :
 BNA_G
 ClientSampleId :
 TP-2

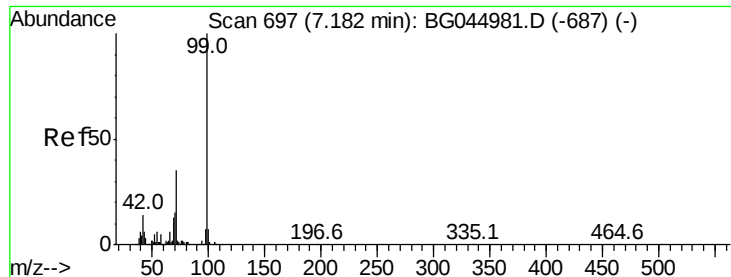
Tot Ion:	152	Resp:	55938
Ion	Ratio	Lower	Upper
152	100		
150	157.3	123.6	185.4
115	64.0	49.1	73.7



#5
 2-Fluorophenol
 Concen: 133.903 ng
 RT: 5.59 min Scan# 426
 Delta R.T. -0.00 min
 Lab File: BG045111.D
 Acq: 21 Apr 2020 14:38

Tgt Ion:	112	Resp:	453696
Ion	Ratio	Lower	Upper
112	100		
64	59.0	42.4	63.6
63	32.8	23.1	34.7





#7

Phenol-d6

Concen: 121.143 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG045111.D

Acq: 21 Apr 2020 14:38

Instrument :

BNA_G

ClientSampleId :

TP-2

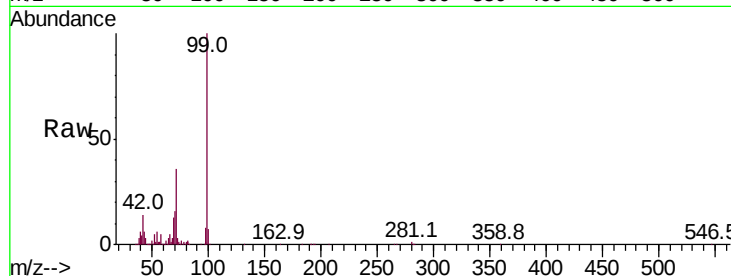
Tot Ion: 99 Resp: 609842

Ion Ratio Lower Upper

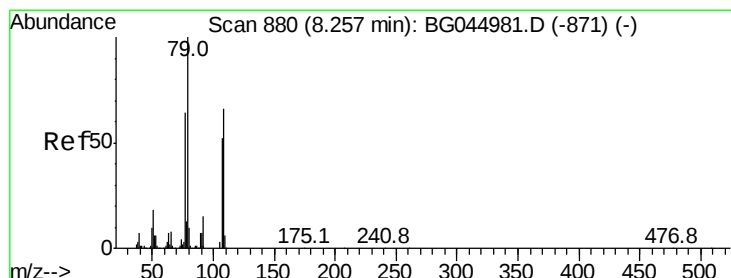
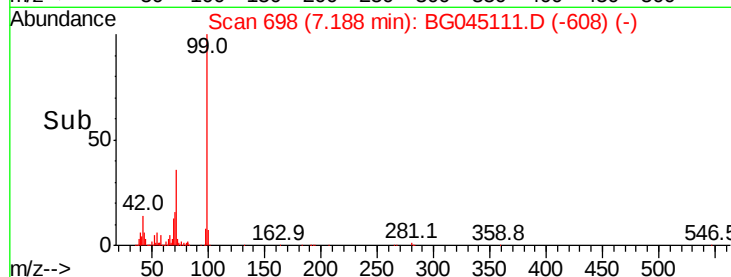
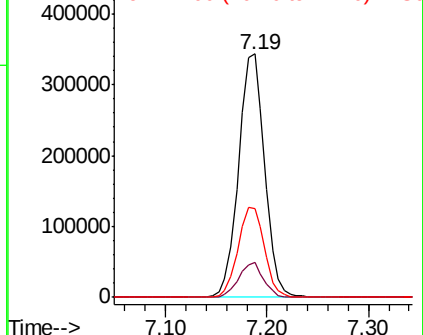
99 100

42 14.3 11.3 16.9

71 36.4 28.3 42.5



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#15

Benzyl Alcohol

Concen: 2.148 ng

RT: 8.34 min Scan# 895

Delta R.T. 0.09 min

Lab File: BG045111.D

Acq: 21 Apr 2020 14:38

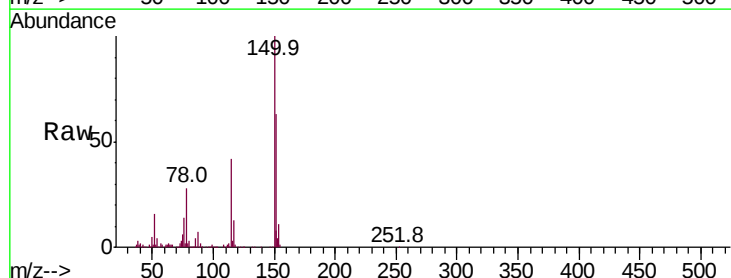
Tgt Ion: 79 Resp: 9066

Ion Ratio Lower Upper

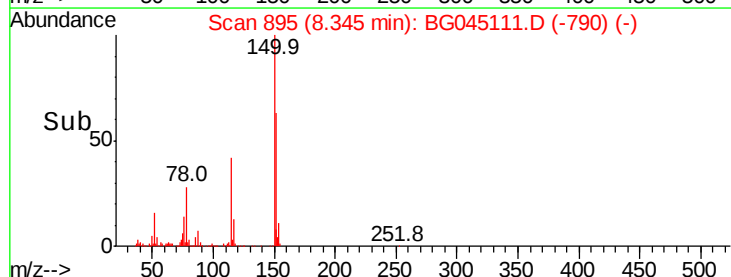
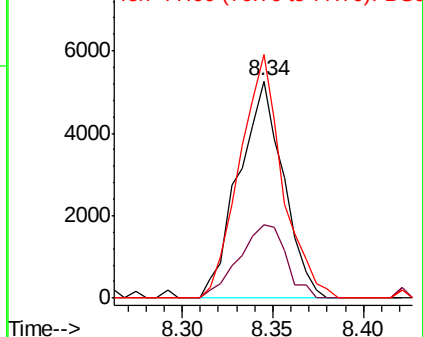
79 100

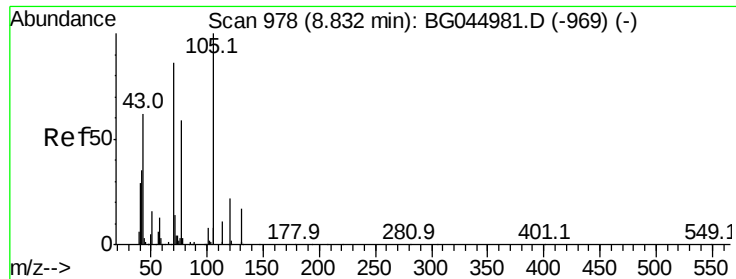
108 33.6 52.7 79.1#

77 112.3 51.3 76.9#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

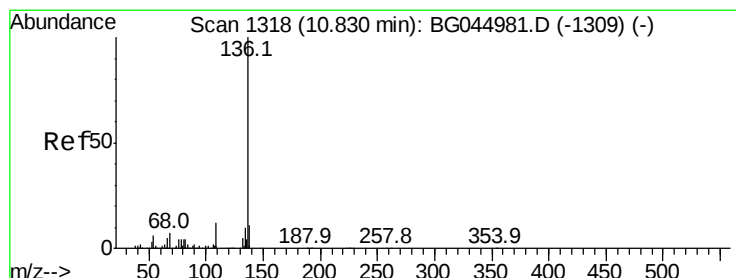
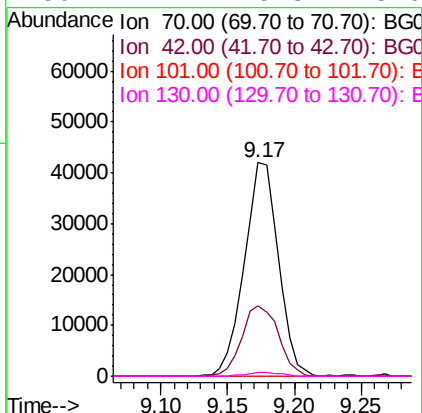
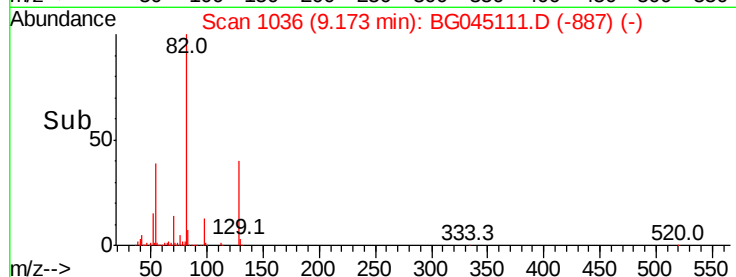
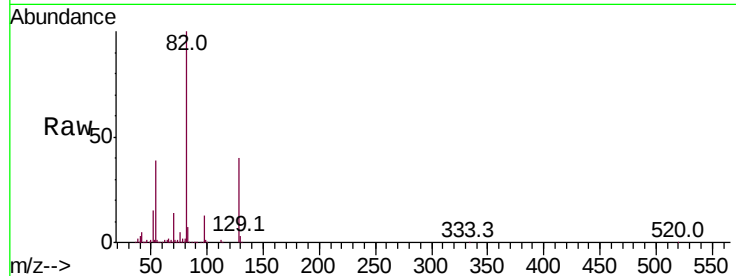




#19
n-Nitroso-di-n-propylamine
Concen: 20.779 ng
RT: 9.17 min Scan# 1036
Delta R.T. 0.35 min
Lab File: BG045111.D
Acq: 21 Apr 2020 14:38

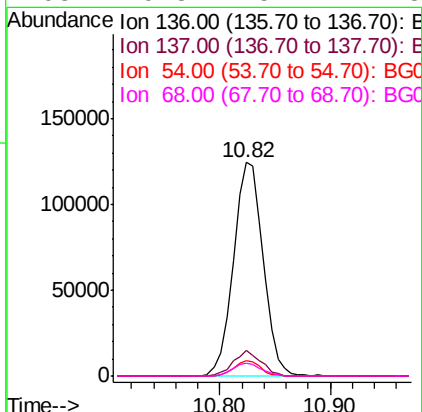
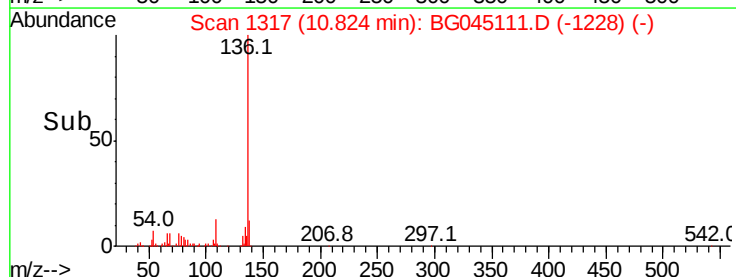
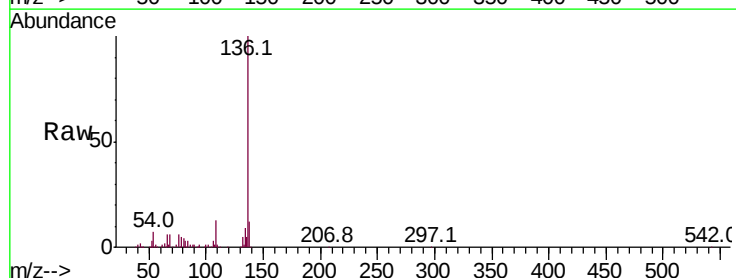
Instrument :
BNA_G
ClientSampleId :
TP-2

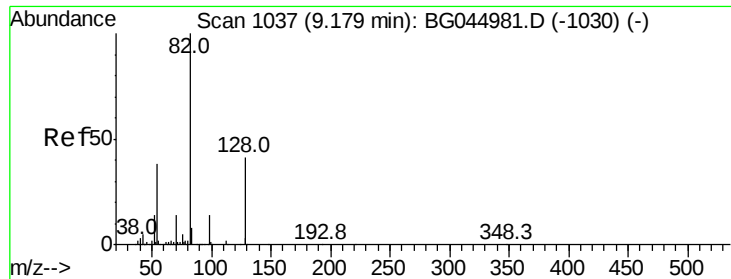
Tot Ion: 70 Resp: 73974
Ion Ratio Lower Upper
70 100
42 33.0 33.3 49.9#
101 0.0 7.8 11.8#
130 2.1 15.8 23.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BG045111.D
Acq: 21 Apr 2020 14:38

Tgt Ion: 136 Resp: 234863
Ion Ratio Lower Upper
136 100
137 11.8 8.6 13.0
54 6.9 4.8 7.2
68 6.3 5.2 7.8

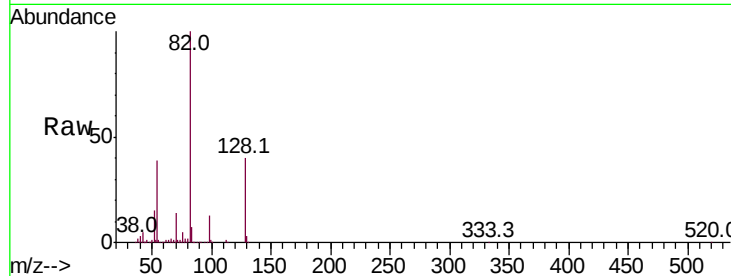




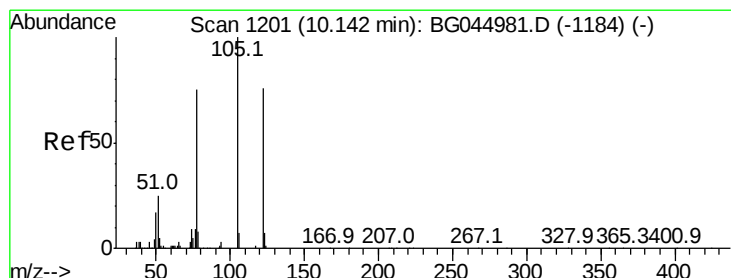
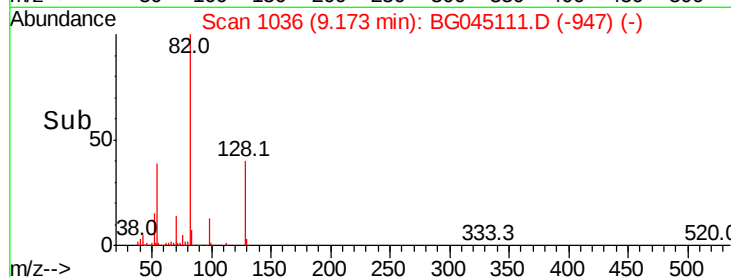
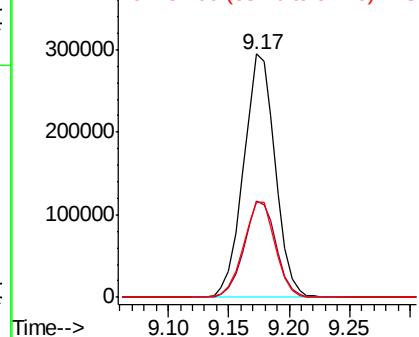
#23
 Nitrobenzene-d5
 Concen: 104.194 ng
 RT: 9.17 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: BG045111.D
 Acq: 21 Apr 2020 14:38

Instrument :
 BNA_G
 ClientSampleId :
 TP-2

Tot Ion	Ratio	Lower	Upper
82	100		
128	39.8	33.0	49.4
54	39.2	30.4	45.6

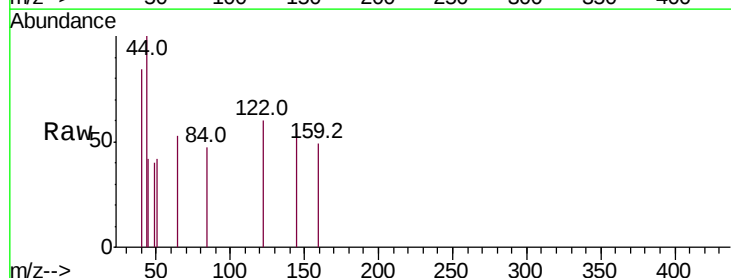


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

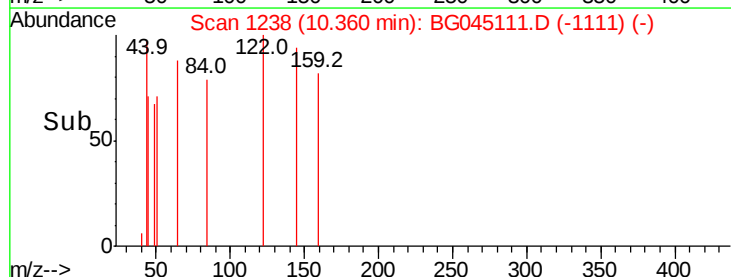
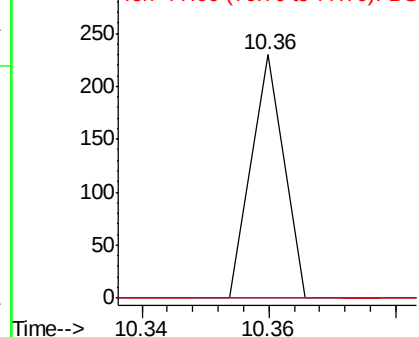


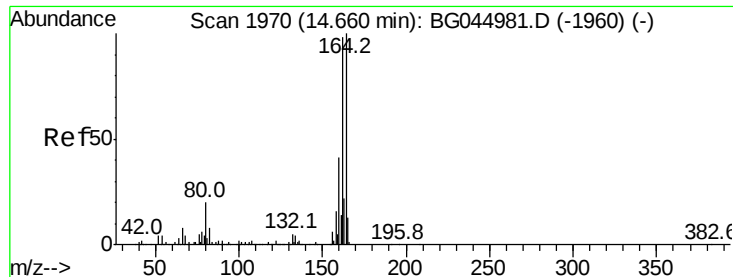
#32
 Benzoic acid
 Concen: 6.398 ng
 RT: 10.36 min Scan# 1238
 Delta R.T. 0.22 min
 Lab File: BG045111.D
 Acq: 21 Apr 2020 14:38

Tgt 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): BGC
 Ion 105.00 (104.70 to 105.70): BGC
 Ion 77.00 (76.70 to 77.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1969

Delta R.T. -0.00 min

Lab File: BG045111.D

Acq: 21 Apr 2020 14:38

Instrument :

BNA_G

ClientSampleId :

TP-2

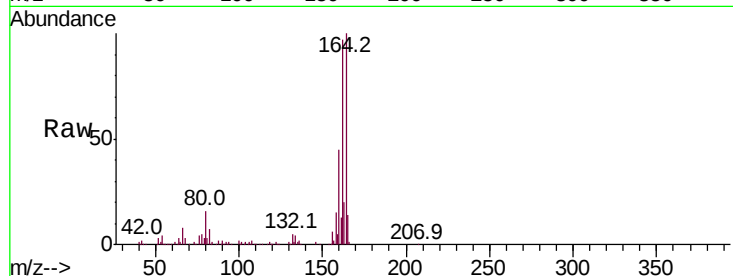
Tot Ion:164 Resp: 186763

Ion Ratio Lower Upper

164 100

162 97.0 78.7 118.1

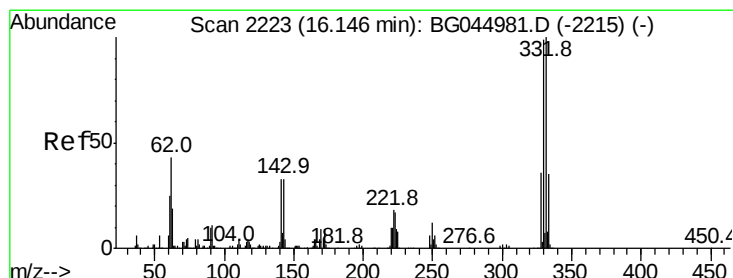
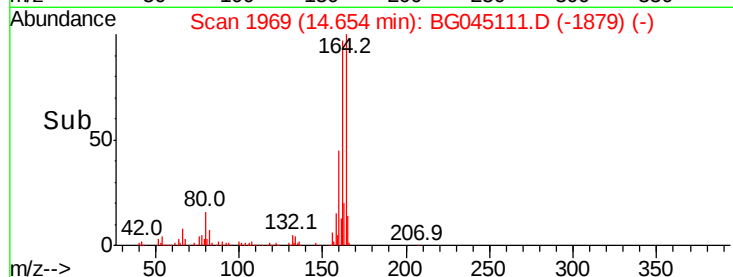
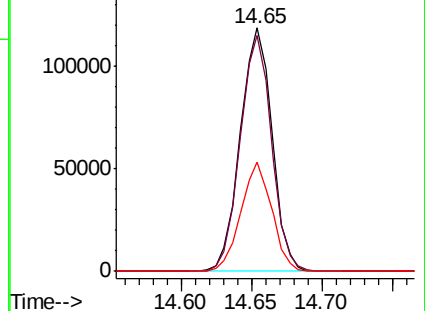
160 44.7 32.8 49.2



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: 158.096 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.00 min

Lab File: BG045111.D

Acq: 21 Apr 2020 14:38

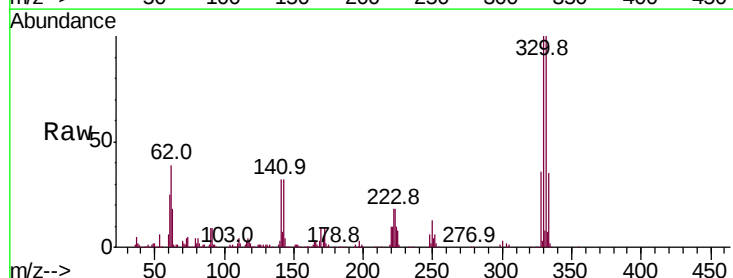
Tgt Ion:330 Resp: 456145

Ion Ratio Lower Upper

330 100

332 98.6 79.1 118.7

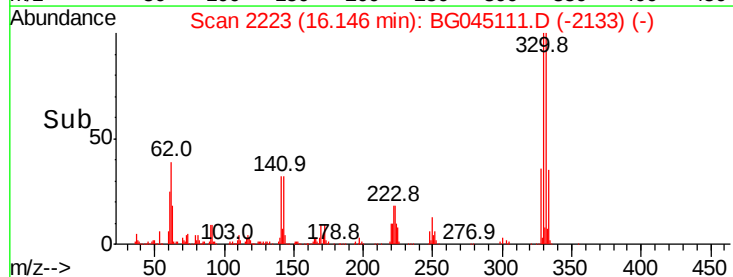
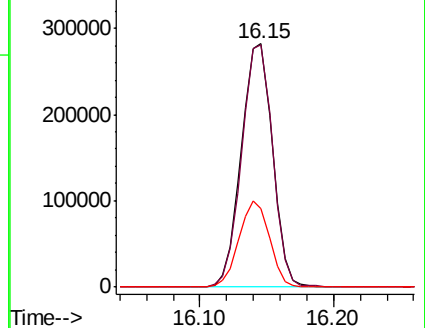
141 34.7 27.1 40.7

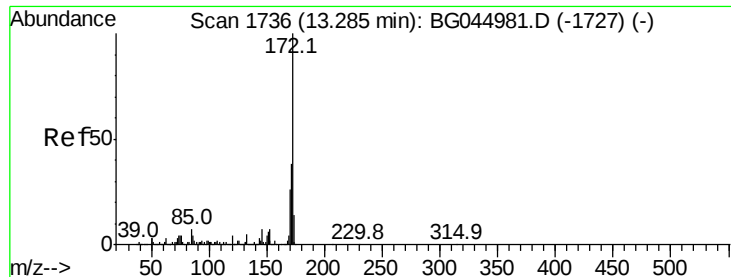


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



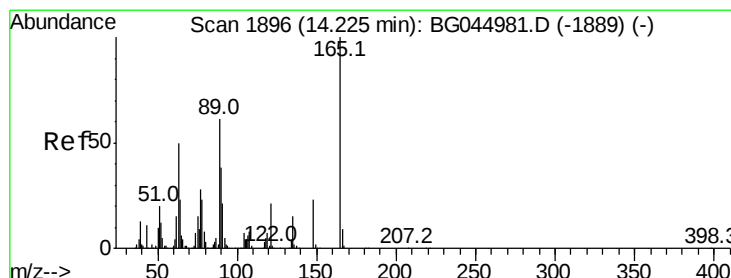
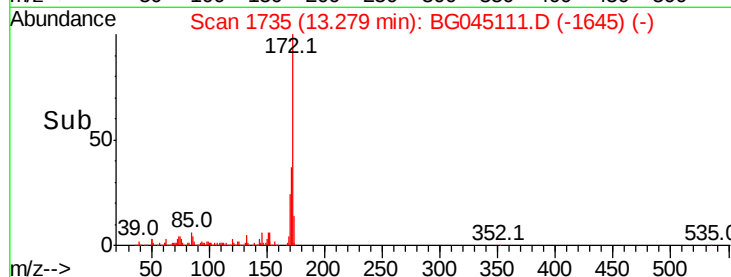
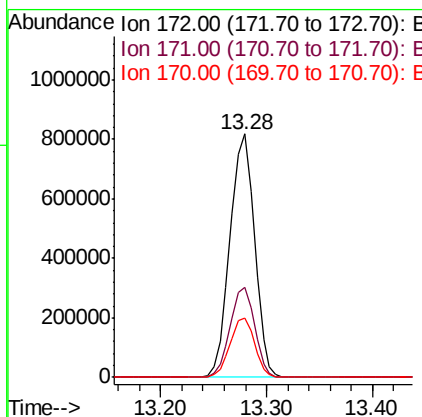
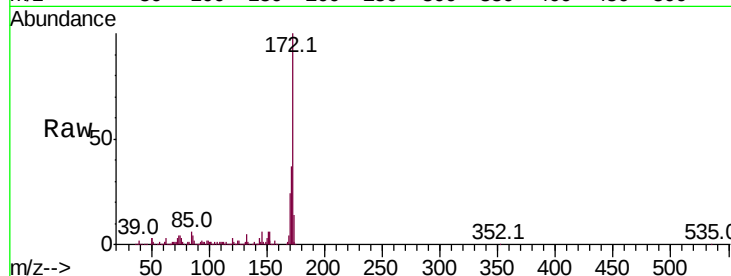


#45
 2-Fluorobiphenyl
 Concen: 103.250 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.00 min
 Lab File: BG045111.D
 Acq: 21 Apr 2020 14:38

Instrument :
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Tot Ion:172 Resp: 1315084

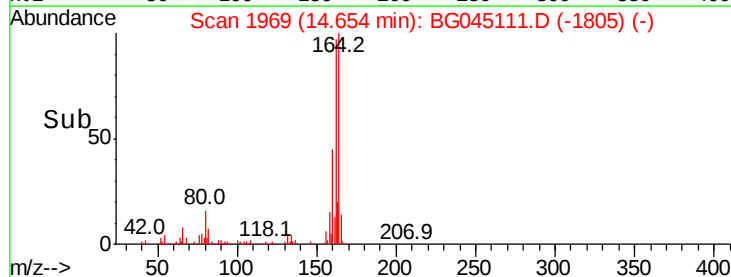
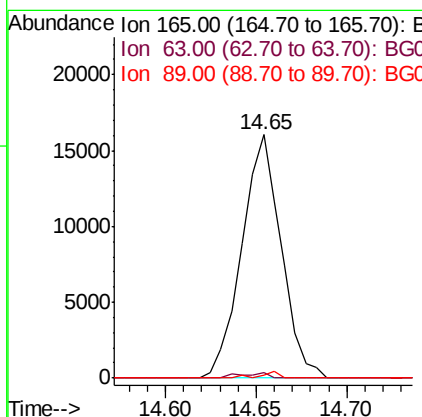
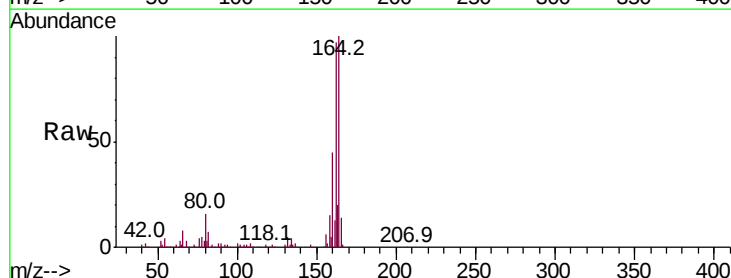
Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.6	46.0
170	24.3	20.5	30.7

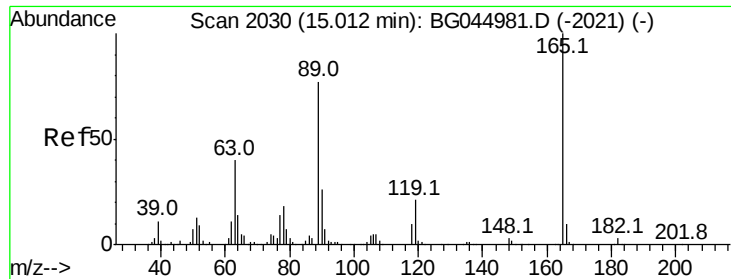


#51
 2,6-Dinitrotoluene
 Concen: 7.119 ng
 RT: 14.65 min Scan# 1969
 Delta R.T. 0.43 min
 Lab File: BG045111.D
 Acq: 21 Apr 2020 14:38

Tgt Ion:165 Resp: 24214

Ion	Ratio	Lower	Upper
165	100		
63	2.3	40.4	60.6#
89	1.2	49.1	73.7#

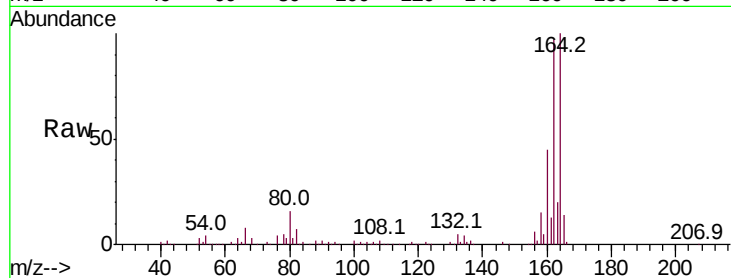




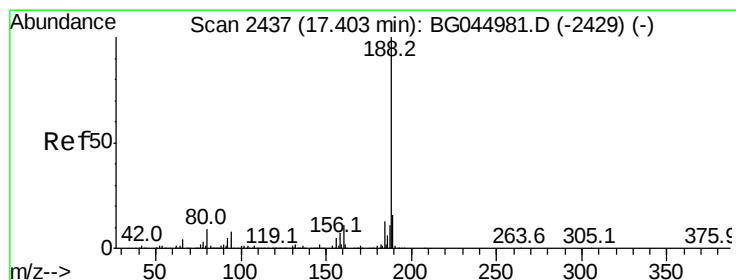
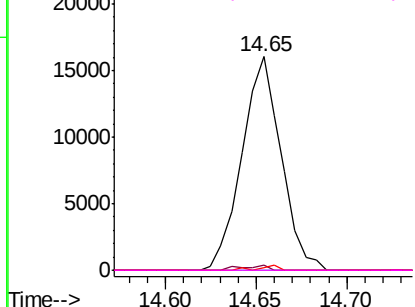
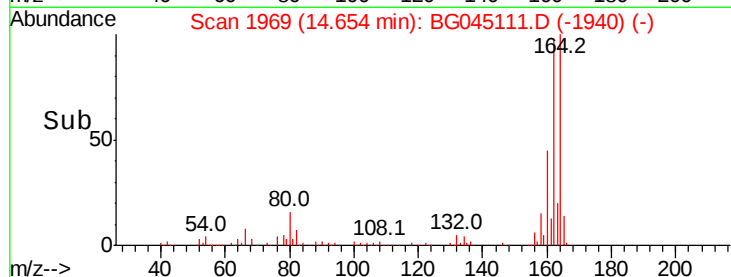
#57
 2,4-Dinitrotoluene
 Concen: 4.871 ng
 RT: 14.65 min Scan# 1969
 Delta R.T. -0.36 min
 Lab File: BG045111.D
 Acq: 21 Apr 2020 14:38

Instrument :
 BNA_G
 ClientSampleId :
 TP-2

Tot Ion:165 Resp: 24214
 Ion Ratio Lower Upper
 165 100
 63 2.3 32.2 48.2#
 89 1.2 61.7 92.5#
 182 0.0 2.0 3.0#

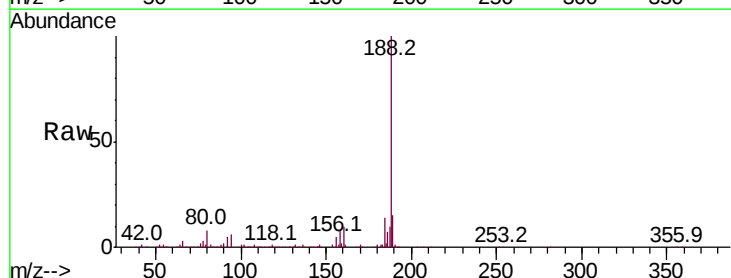


Abundance Ion 165.00 (164.70 to 165.70): E
 25000
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

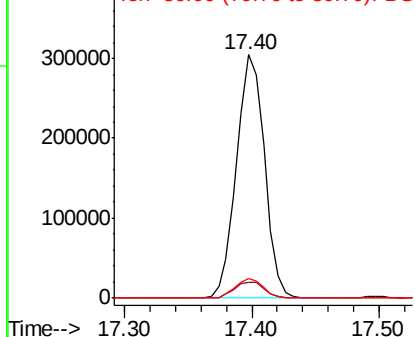
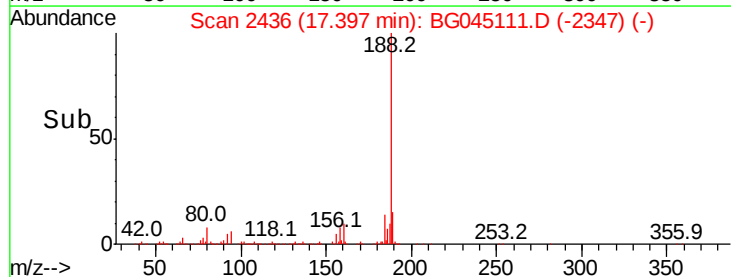


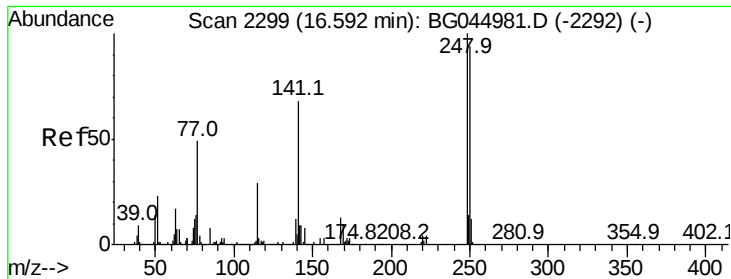
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.40 min Scan# 2436
 Delta R.T. -0.01 min
 Lab File: BG045111.D
 Acq: 21 Apr 2020 14:38

Tgt Ion:188 Resp: 466912
 Ion Ratio Lower Upper
 188 100
 94 6.5 6.2 9.4
 80 8.1 7.0 10.6



Abundance Ion 188.00 (187.70 to 188.70): E
 400000
 Ion 94.00 (93.70 to 94.70): BGC
 Ion 80.00 (79.70 to 80.70): BGC

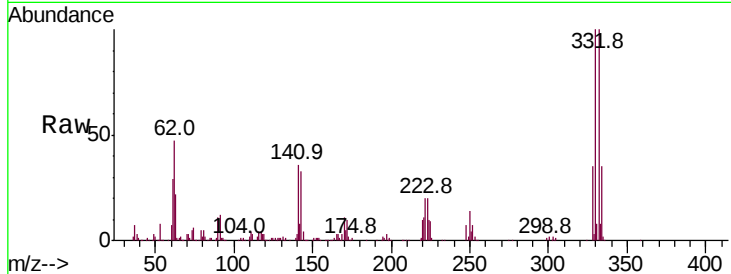




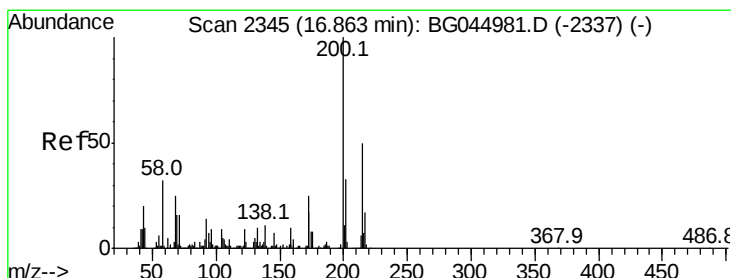
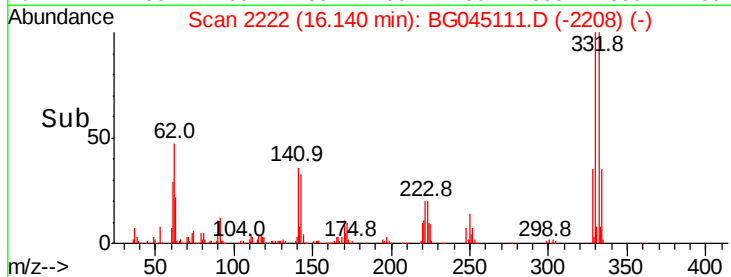
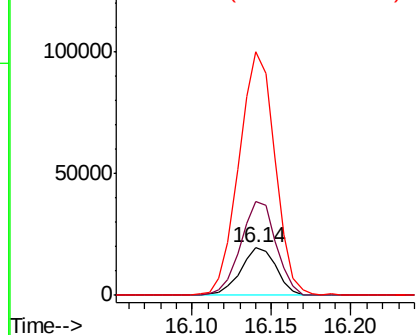
#67
4-Bromophenyl-phenylether
Concen: 5.019 ng
RT: 16.14 min Scan# 2222
Delta R.T. -0.45 min
Lab File: BG045111.D
Acq: 21 Apr 2020 14:38

Instrument :
BNA_G
ClientSampleId :
TP-2

Tot Ion:248 Resp: 30232
Ion Ratio Lower Upper
248 100
250 199.5 75.4 113.2#
141 515.8 54.4 81.6#

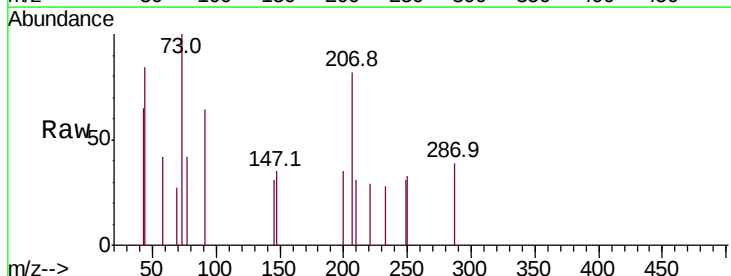


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

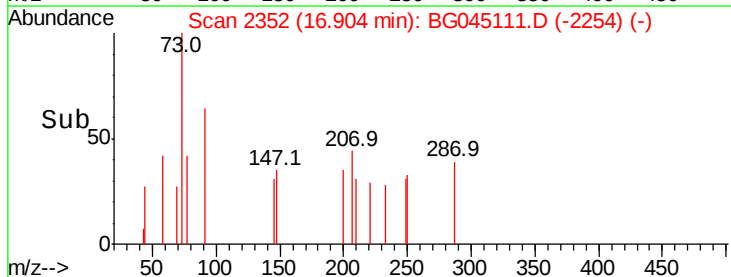
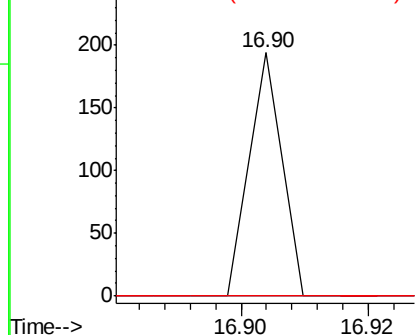


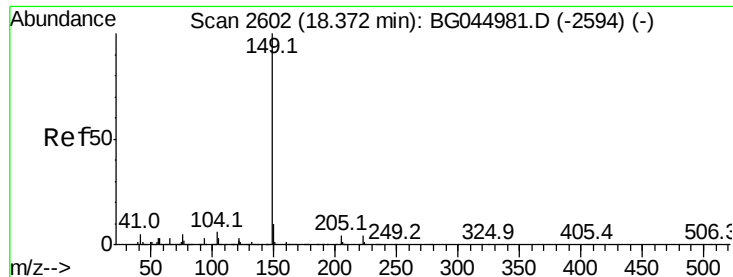
#69
Atrazine
Concen: Below Cal
RT: 16.90 min Scan# 2352
Delta R.T. 0.05 min
Lab File: BG045111.D
Acq: 21 Apr 2020 14:38

Tgt Ion:200 Resp: 68
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

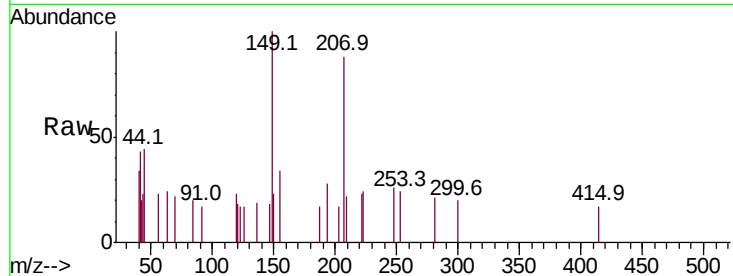




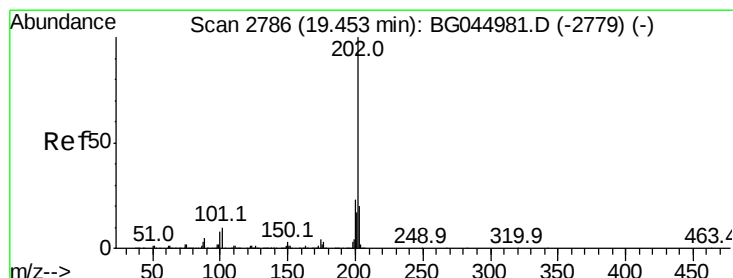
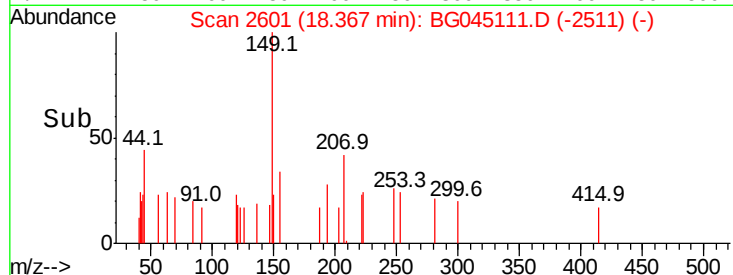
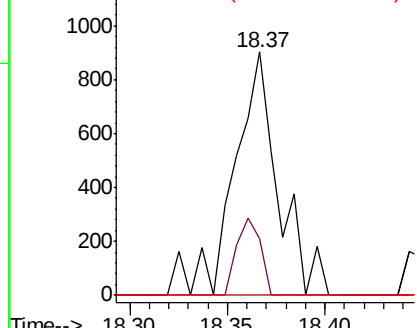
#74
Di-n-butylphthalate
Concen: Below Cal
RT: 18.37 min Scan# 2601
Delta R.T. -0.00 min
Lab File: BG045111.D
Acq: 21 Apr 2020 14:38

Instrument :
BNA_G
ClientSampleId :
TP-2

Tot Ion:149 Resp: 1375
Ion Ratio Lower Upper
149 100
150 23.1 8.2 12.2#
104 0.0 4.8 7.2#

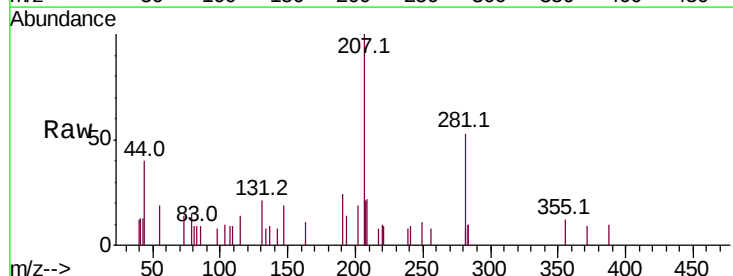


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

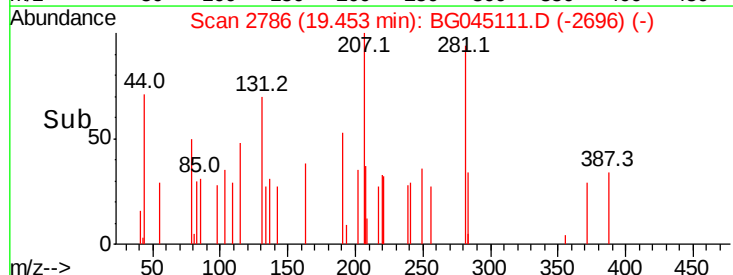
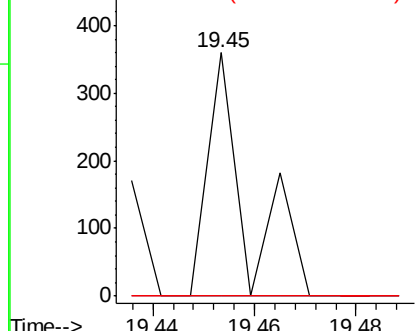


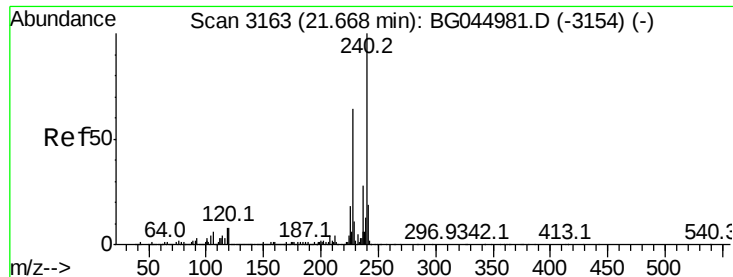
#75
Fluoranthene
Concen: Below Cal
RT: 19.45 min Scan# 2786
Delta R.T. -0.00 min
Lab File: BG045111.D
Acq: 21 Apr 2020 14:38

Tgt Ion:202 Resp: 191
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

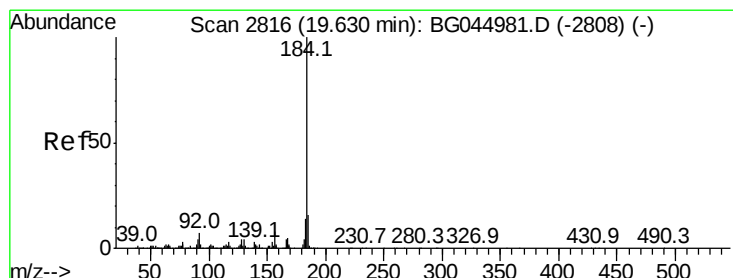
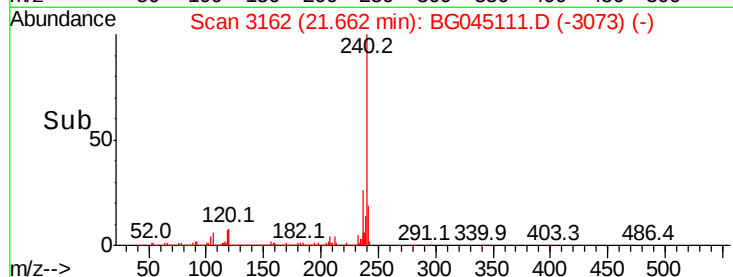
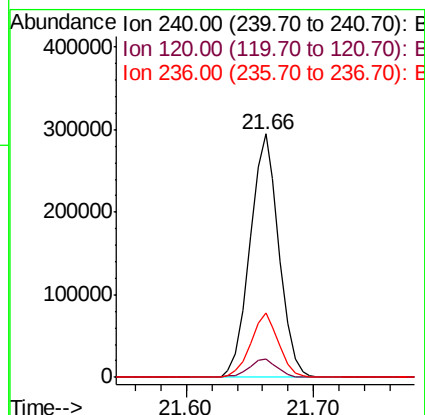
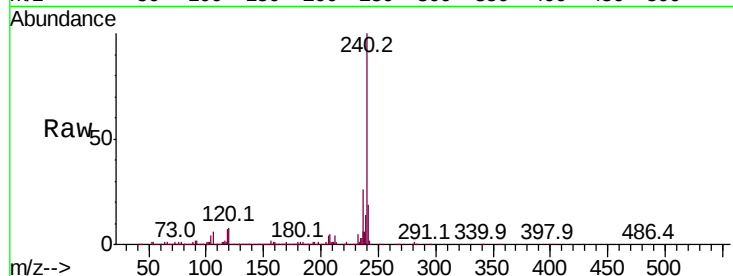




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.66 min Scan# 3162
 Delta R.T. -0.01 min
 Lab File: BG045111.D
 Acq: 21 Apr 2020 14:38

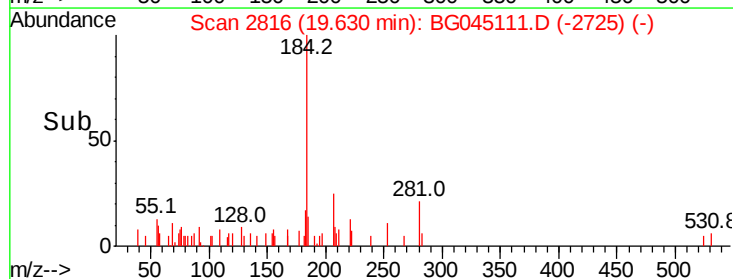
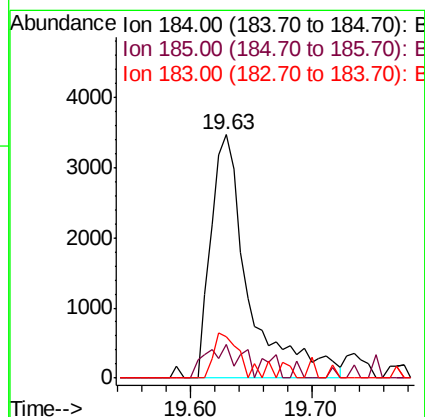
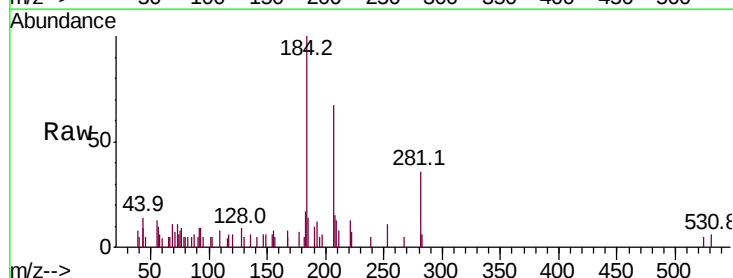
Instrument :
 BNA_G
 ClientSampleId :
 TP-2

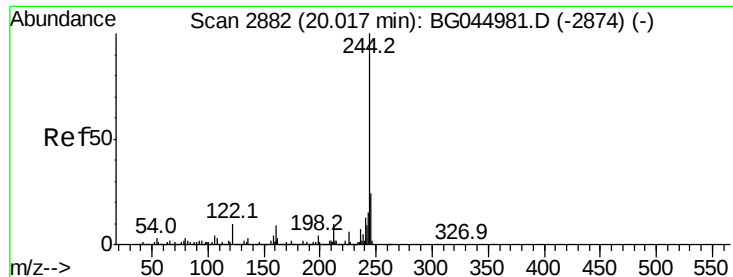
Tot Ion	Ratio	Lower	Upper
240	100		
120	7.7	6.6	10.0
236	26.2	22.2	33.2



#77
 Benzidine
 Concen: Below Cal
 RT: 19.63 min Scan# 2816
 Delta R.T. 0.00 min
 Lab File: BG045111.D
 Acq: 21 Apr 2020 14:38

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.0	12.6	19.0
183	17.0	11.3	16.9#





#79

Terphenyl-d14

Concen: 112.440 ng

RT: 20.01 min Scan# 2881

Delta R.T. -0.00 min

Lab File: BG045111.D

Acq: 21 Apr 2020 14:38

Instrument :

BNA_G

ClientSampleId :

TP-2

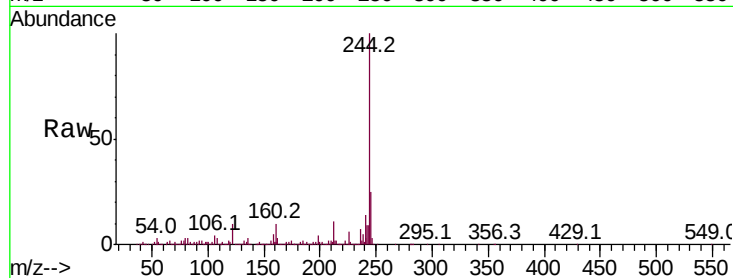
Tot Ion:244 Resp: 2402415

Ion Ratio Lower Upper

244 100

212 10.7 7.9 11.9

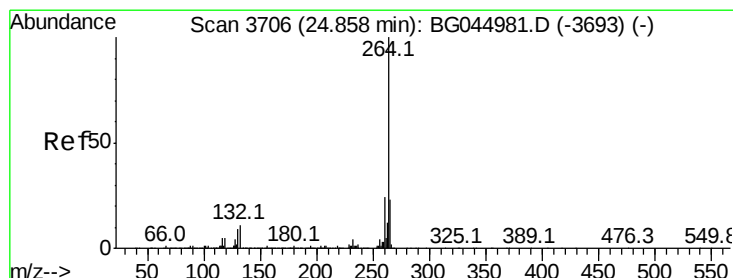
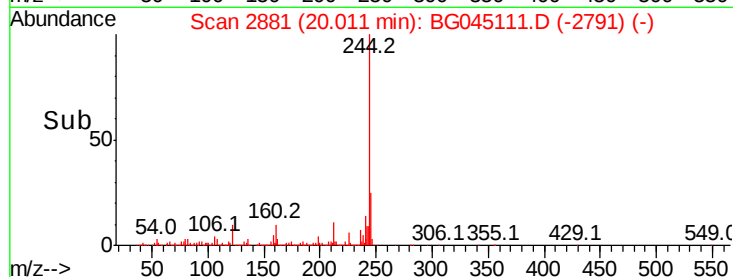
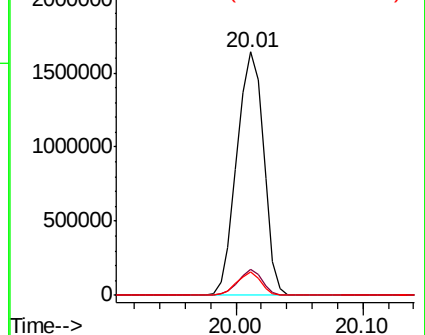
122 9.6 7.7 11.5



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

Perylene-d12

Concen: 20.000 ng

RT: 24.85 min Scan# 3705

Delta R.T. -0.01 min

Lab File: BG045111.D

Acq: 21 Apr 2020 14:38

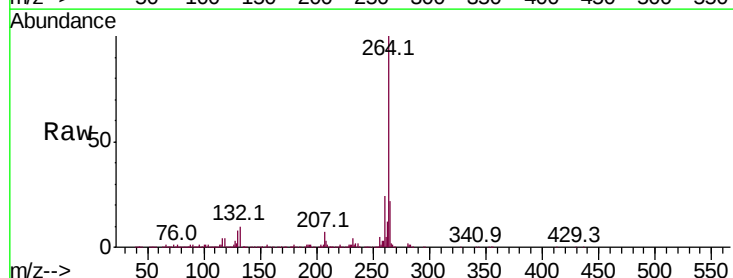
Tgt Ion:264 Resp: 493481

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 22.1 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

