

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061020\
 Data File : BG045704.D
 Acq On : 10 Jun 2020 23:20
 Operator : CG/JU
 Sample : L2965-08
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SAFE-COMP

Quant Time: Jun 11 00:47:59 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 01 15:07:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	58781	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	233910	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	154322	20.00	ng	0.00
64) Phenanthrene-d10	17.33	188	312997	20.00	ng	0.00
76) Chrysene-d12	21.59	240	311363	20.00	ng	0.00
87) Perylene-d12	24.74	264	358899	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.53	112	234255	77.88	ng	0.00
7) Phenol-d6	7.14	99	376869	88.03	ng	0.00
23) Nitrobenzene-d5	9.10	82	269797	62.90	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	117248	59.41	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	597525	65.68	ng	0.00
79) Terphenyl-d14	19.95	244	848405	63.55	ng	0.00

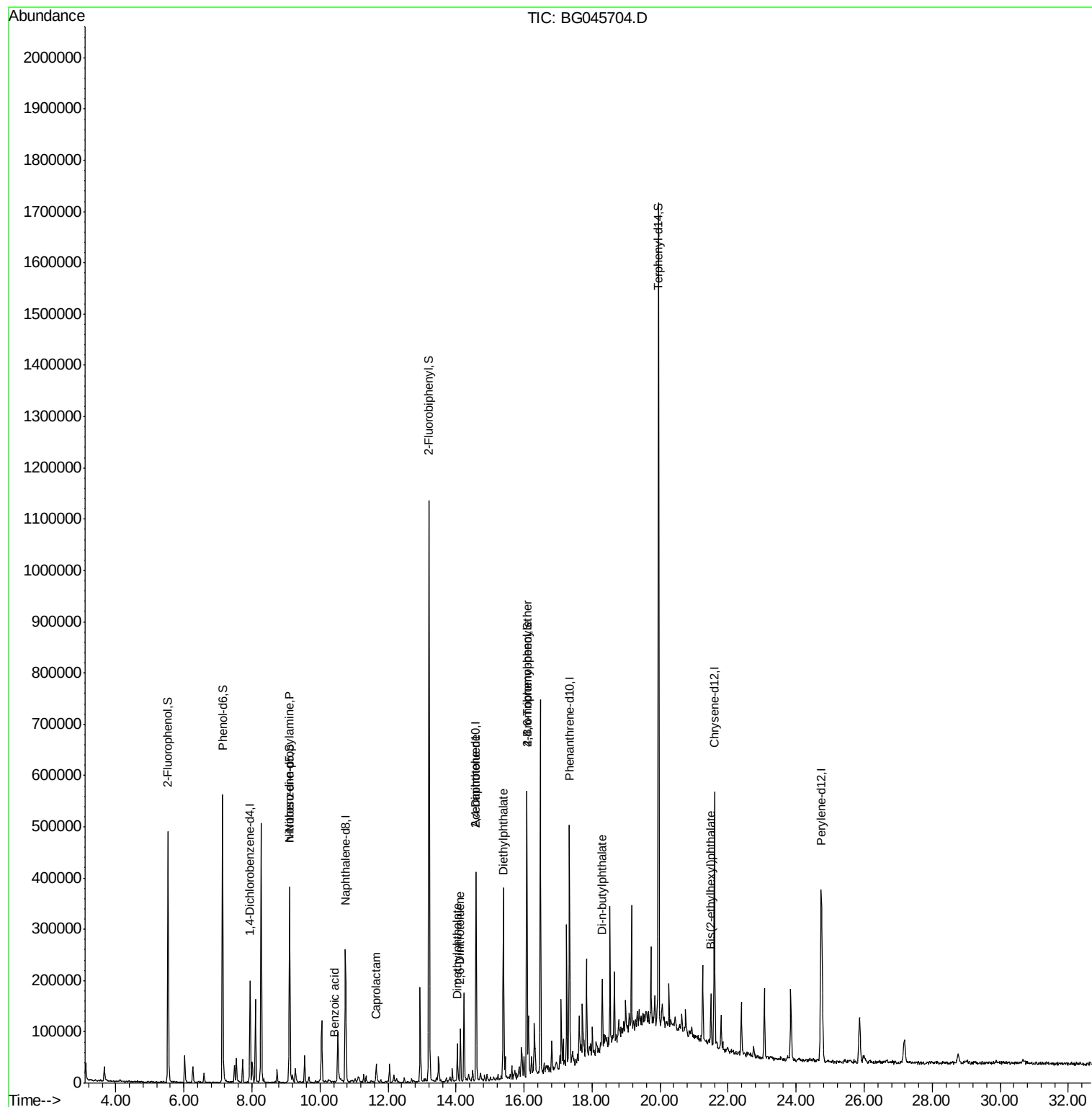
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	9.10	70	37022	12.506	ng	# 82
32) Benzoic acid	10.43	122	61	10.047	ng	# 1
35) Caprolactam	11.65	113	8820	6.979	ng	# 88
50) Dimethylphthalate	14.04	163	44963	4.247	ng	98
51) 2,6-Dinitrotoluene	14.13	165	16165	6.767	ng	# 26
57) 2,4-Dinitrotoluene	14.59	165	20757	6.000	ng	# 22
60) Diethylphthalate	15.40	149	40315	3.659	ng	95
67) 4-Bromophenyl-phenylether	16.08	248	7379	2.177	ng	# 1
74) Di-n-butylphthalate	18.30	149	100872	6.283	ng	98
84) Bis(2-ethylhexyl)phthalate	21.49	149	41525	3.943	ng	97

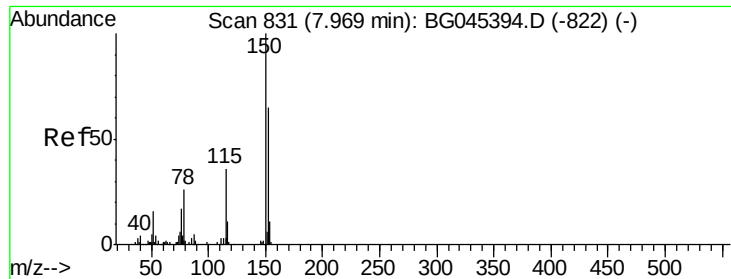
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061020\
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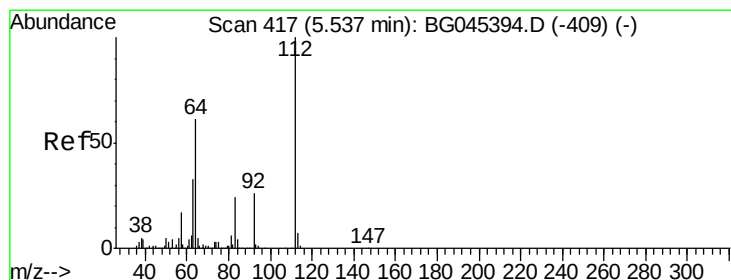
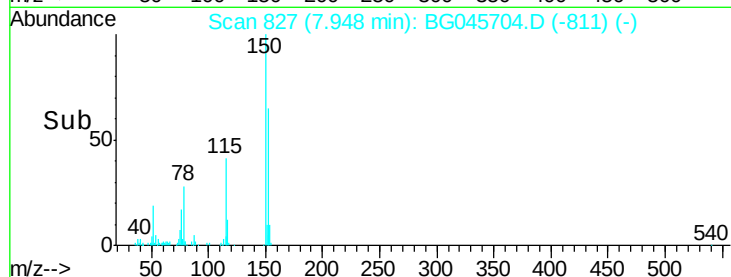
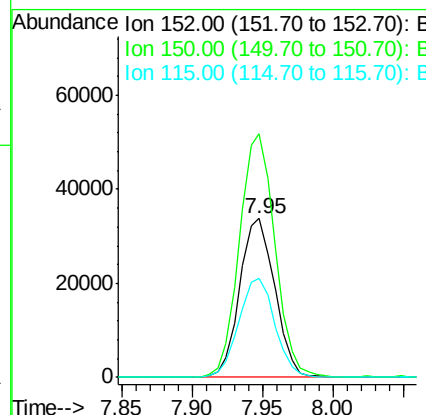
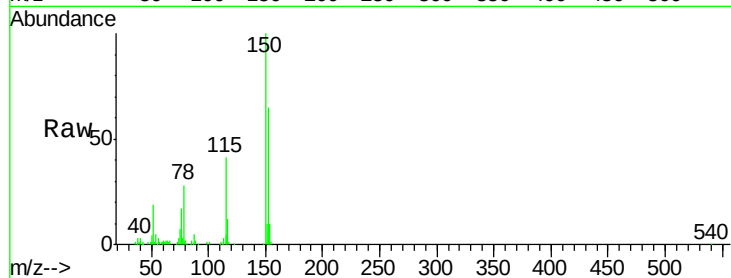


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.00 min
Lab File: BG045704.D
Acq: 10 Jun 2020 23:20

Instrument :
BNA_G
ClientSampleId :
SAFE-COMP

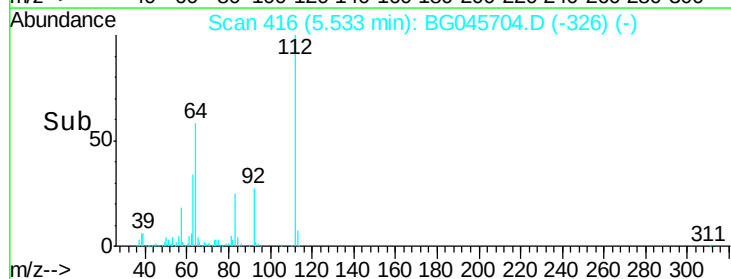
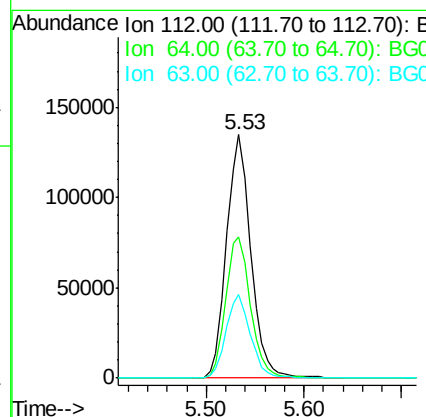
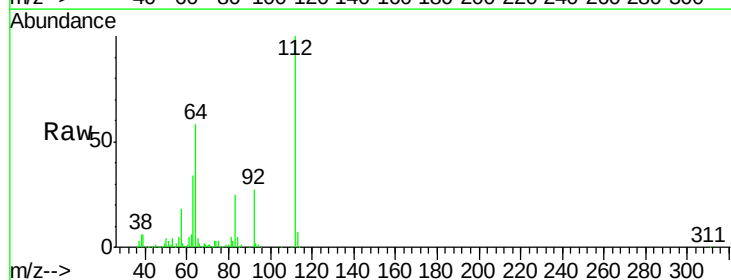
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.4	122.4	183.6
115	62.6	44.2	66.4

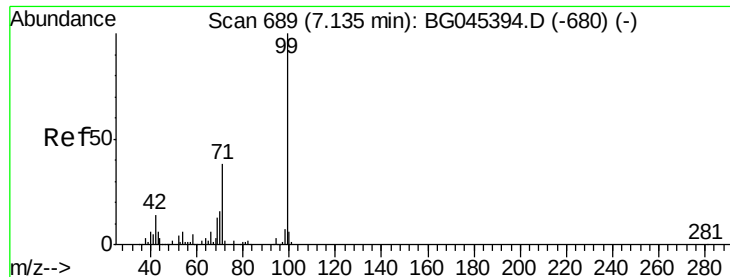


#5

2-Fluorophenol
Concen: 77.883 ng
RT: 5.53 min Scan# 416
Delta R.T. -0.00 min
Lab File: BG045704.D
Acq: 10 Jun 2020 23:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.8	48.6	72.8
63	34.4	26.5	39.7





#7

Phenol-d6

Concen: 88.033 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.01 min

Lab File: BG045704.D

Acq: 10 Jun 2020 23:20

Instrument :

BNA_G

ClientSampleId :

SAFE-COMP

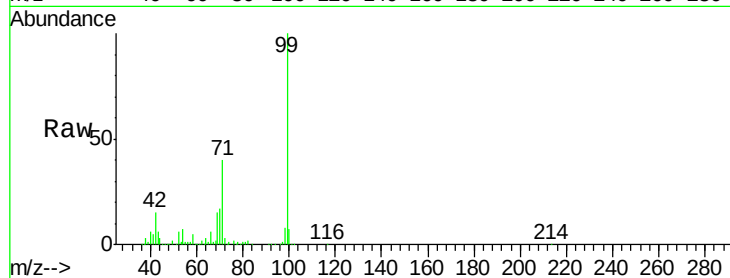
Tot Ion: 99 Resp: 376869

Ion Ratio Lower Upper

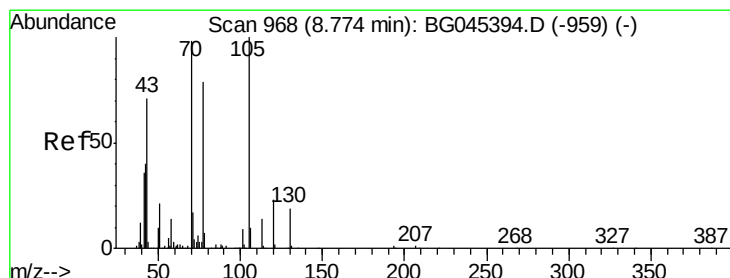
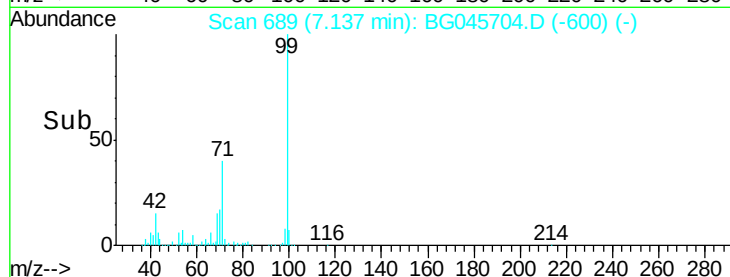
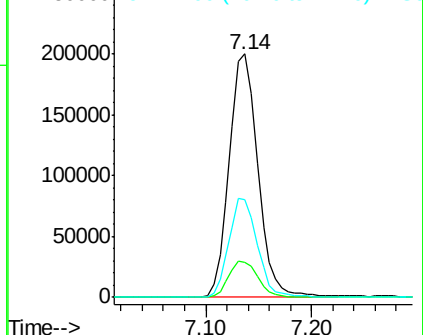
99 100

42 14.6 11.3 16.9

71 40.2 30.8 46.2



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



#19

n-Nitroso-di-n-propylamine

Concen: 12.506 ng

RT: 9.10 min Scan# 1024

Delta R.T. 0.35 min

Lab File: BG045704.D

Acq: 10 Jun 2020 23:20

Tgt Ion: 70 Resp: 37022

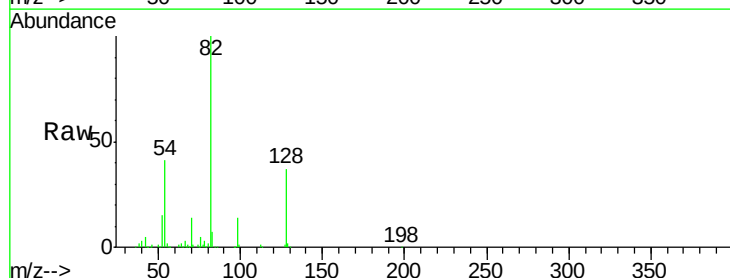
Ion Ratio Lower Upper

70 100

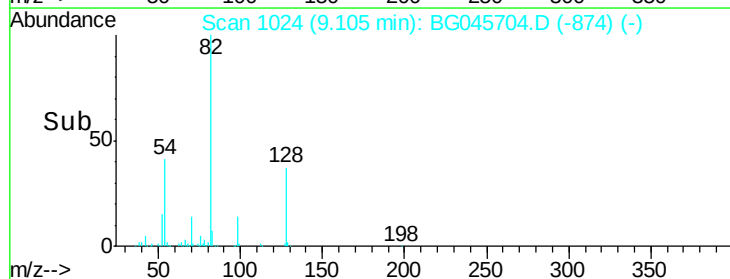
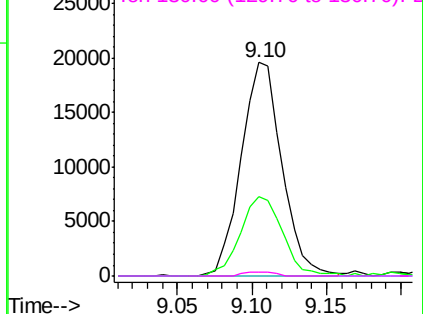
42 37.1 33.2 49.8

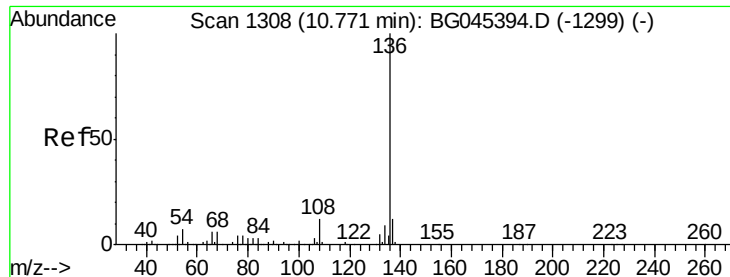
101 0.0 7.8 11.6#

130 1.9 15.4 23.2#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

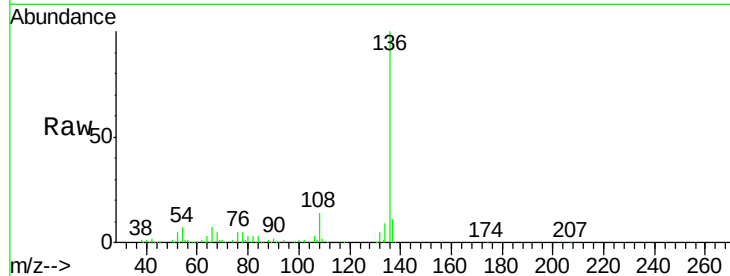




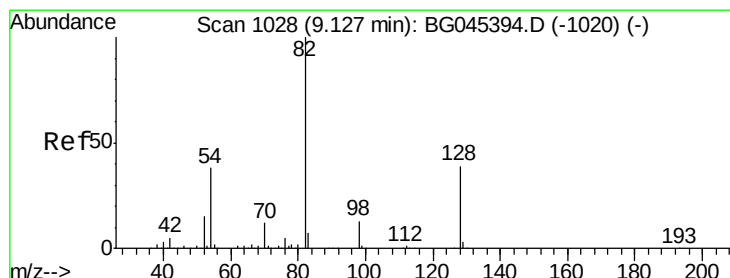
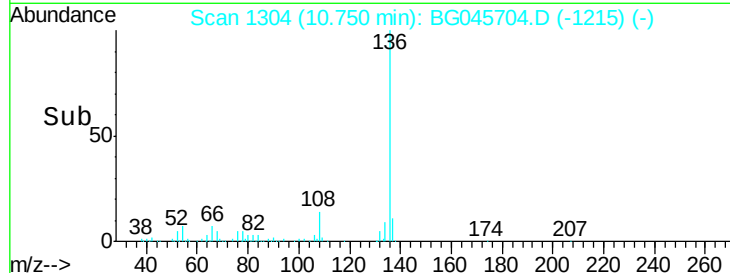
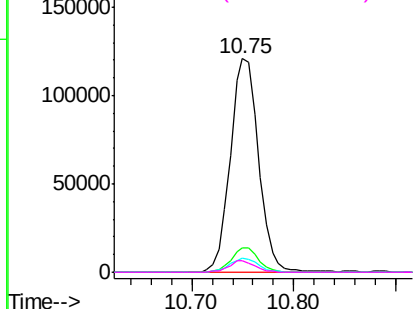
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BG045704.D
Acq: 10 Jun 2020 23:20

Instrument :
BNA_G
ClientSampleId :
SAFE-COMP

Tot Ion:136	Resp: 233910
Ion Ratio	Lower Upper
136 100	
137 11.2	9.4 14.2
54 6.5	5.8 8.6
68 5.2	4.5 6.7

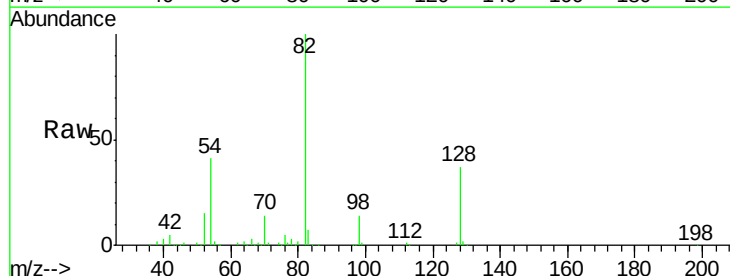


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

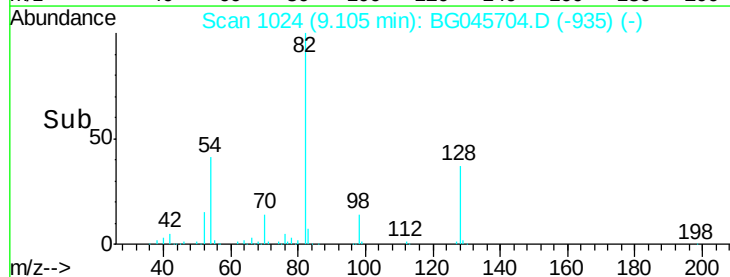
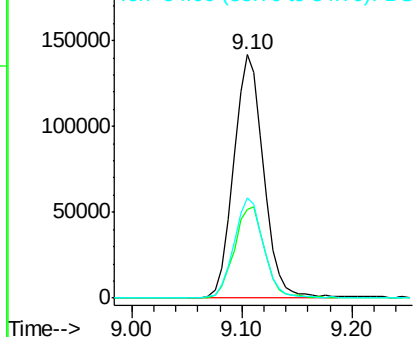


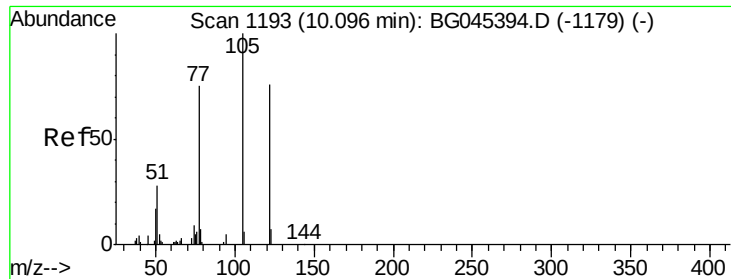
#23
Nitrobenzene-d5
Concen: 62.898 ng
RT: 9.10 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BG045704.D
Acq: 10 Jun 2020 23:20

Tgt Ion: 82	Resp: 269797
Ion Ratio	Lower Upper
82 100	
128 36.5	30.9 46.3
54 41.1	30.3 45.5



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

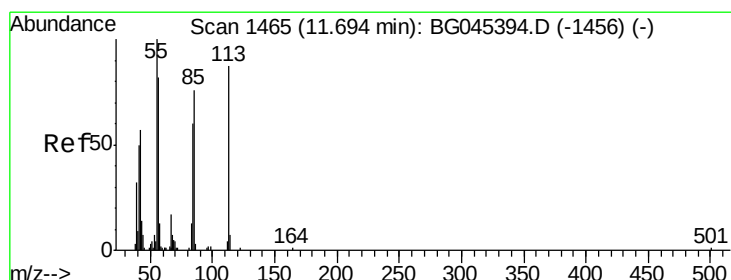
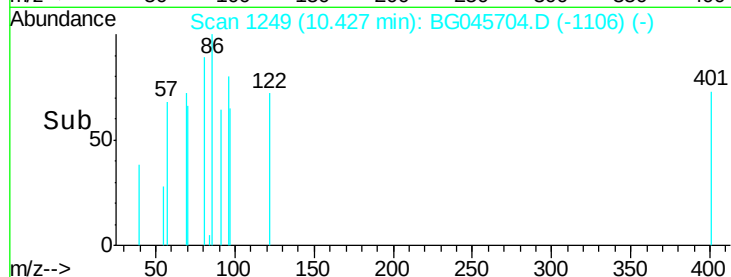
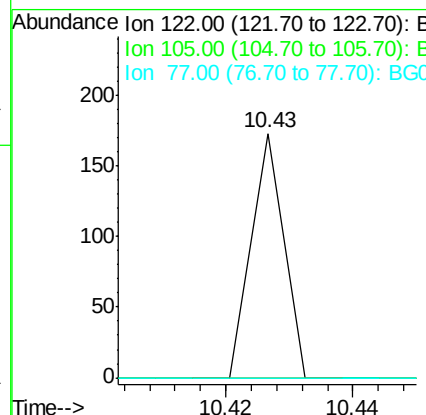
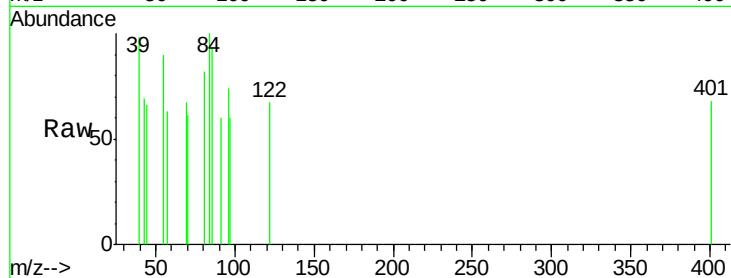




#32
Benzoic acid
Concen: 10.047 ng
RT: 10.43 min Scan# 1249
Delta R.T. 0.31 min
Lab File: BG045704.D
Acq: 10 Jun 2020 23:20

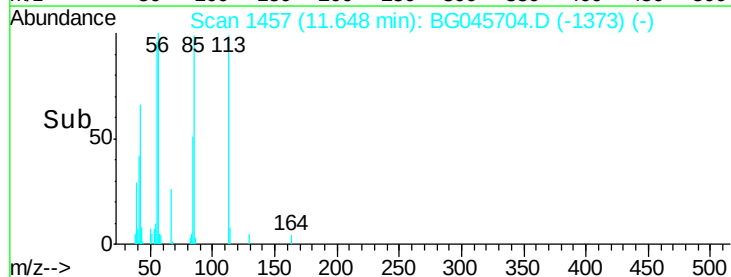
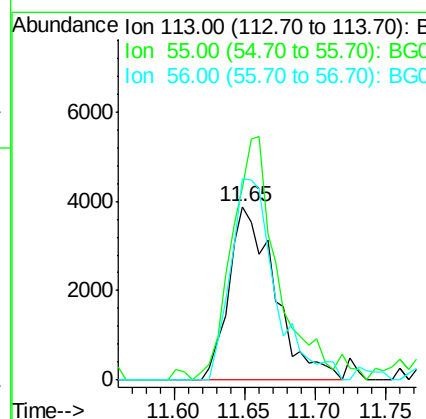
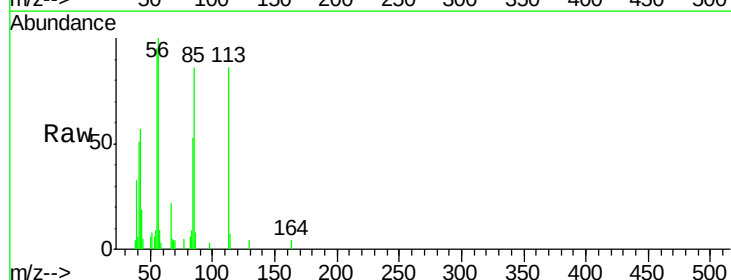
Instrument :
BNA_G
ClientSampleId :
SAFE-COMP

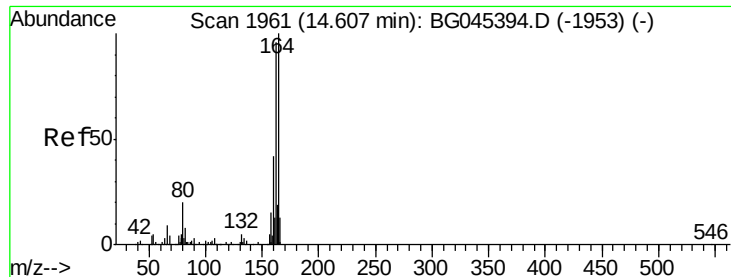
Tot Ion:122 Resp: 61
Ion Ratio Lower Upper
122 100
105 0.0 107.9 147.9#
77 0.0 78.9 118.9#



#35
Caprolactam
Concen: 6.979 ng
RT: 11.65 min Scan# 1457
Delta R.T. -0.04 min
Lab File: BG045704.D
Acq: 10 Jun 2020 23:20

Tgt Ion:113 Resp: 8820
Ion Ratio Lower Upper
113 100
55 110.7 96.0 136.0
56 116.2 75.1 115.1#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.59 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BG045704.D

Acq: 10 Jun 2020 23:20

Instrument :

BNA_G

ClientSampleId :

SAFE-COMP

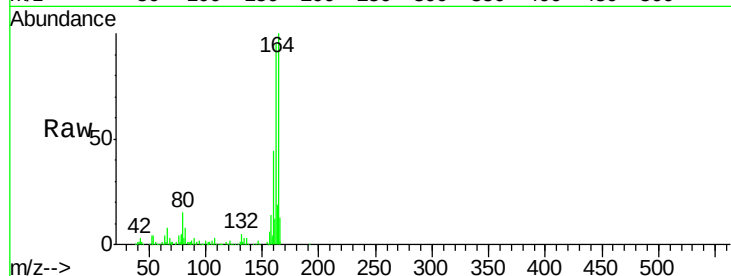
Tot Ion:164 Resp: 154322

Ion Ratio Lower Upper

164 100

162 95.3 76.9 115.3

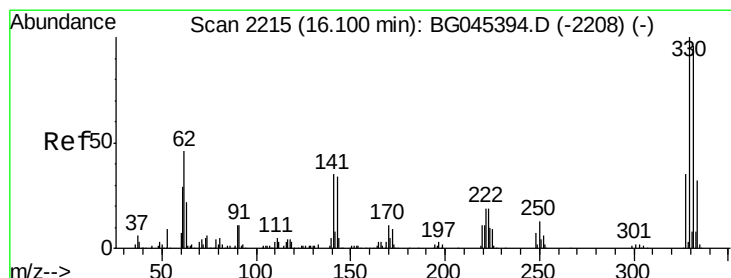
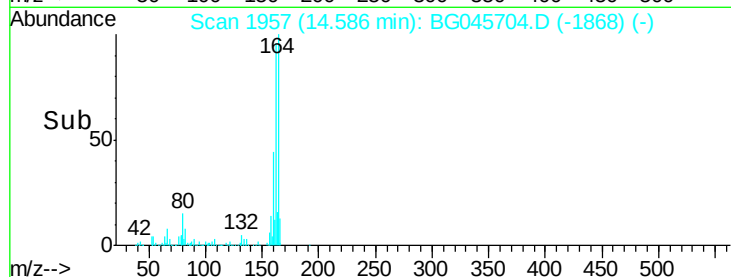
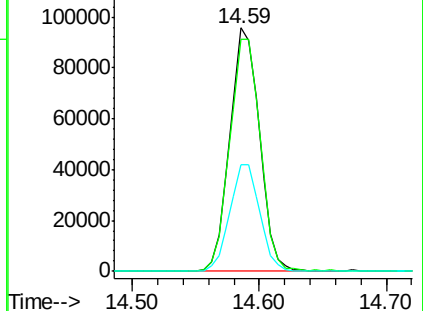
160 44.1 33.8 50.8



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: 59.408 ng

RT: 16.08 min Scan# 2212

Delta R.T. -0.01 min

Lab File: BG045704.D

Acq: 10 Jun 2020 23:20

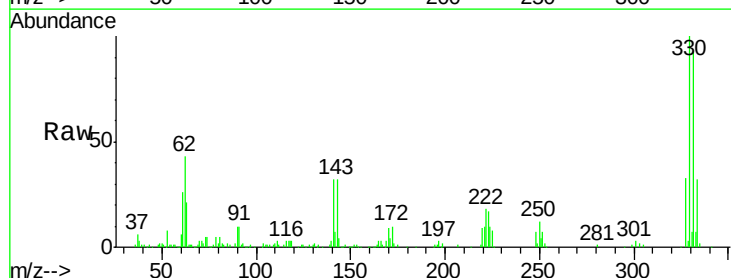
Tgt Ion:330 Resp: 117248

Ion Ratio Lower Upper

330 100

332 97.3 78.2 117.4

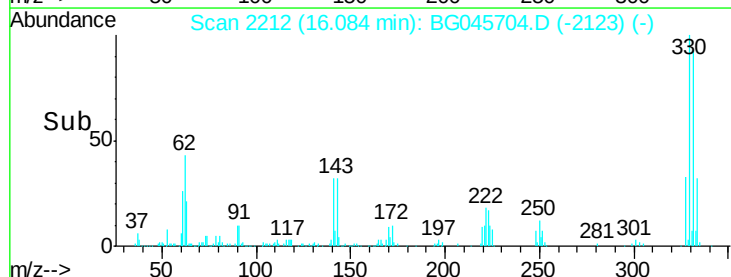
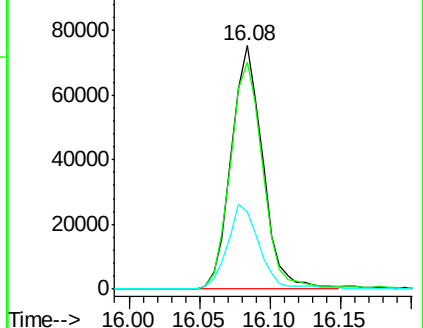
141 36.1 28.2 42.4

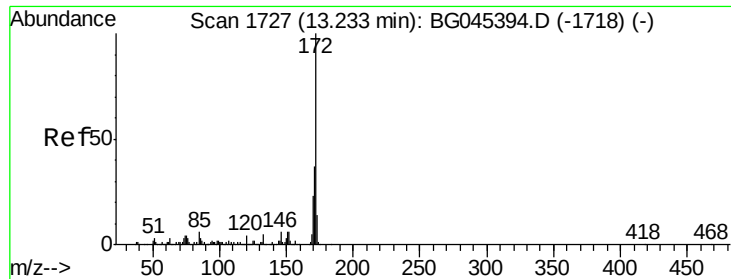


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#45

2-Fluorobiphenyl

Concen: 65.676 ng

RT: 13.21 min Scan# 1723

Delta R.T. -0.00 min

Lab File: BG045704.D

Acq: 10 Jun 2020 23:20

Instrument :

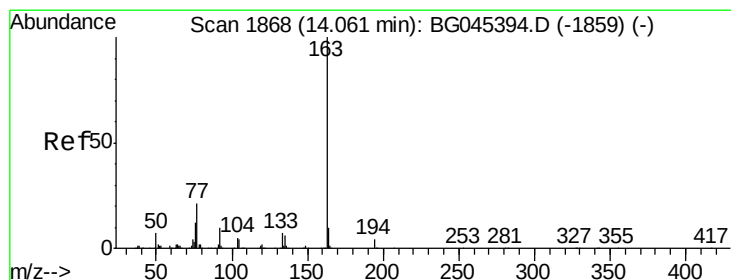
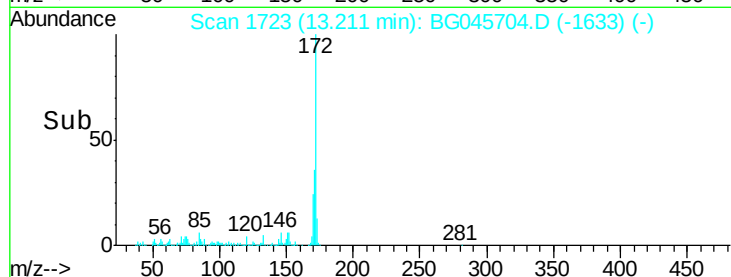
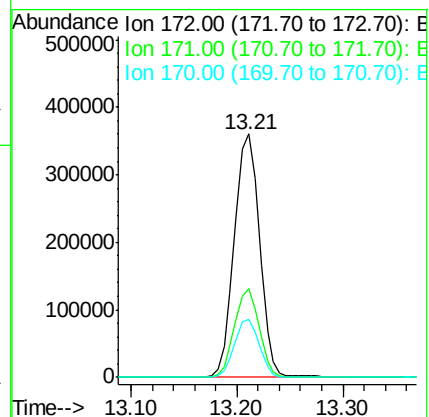
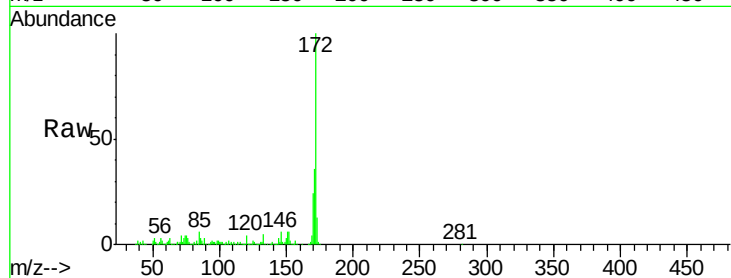
BNA_G

ClientSampleId :

SAFE-COMP

Tot Ion:172 Resp: 597525

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.5	44.3
170	23.6	18.5	27.7



#50

Dimethylphthalate

Concen: 4.247 ng

RT: 14.04 min Scan# 1864

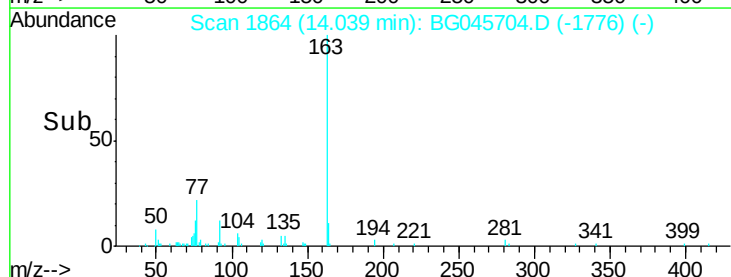
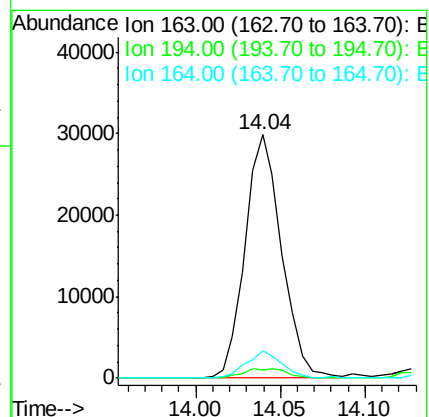
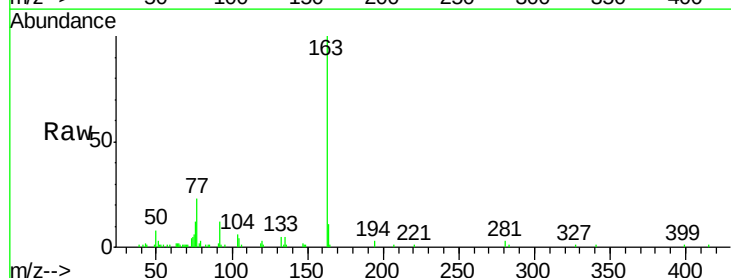
Delta R.T. -0.02 min

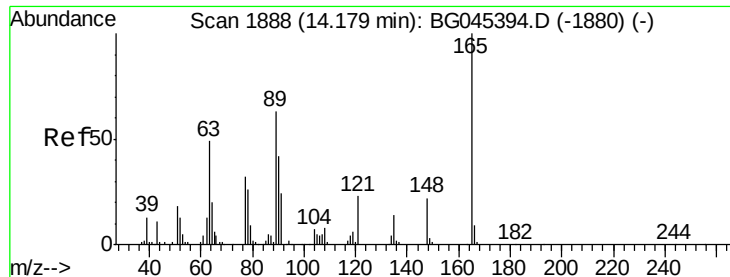
Lab File: BG045704.D

Acq: 10 Jun 2020 23:20

Tgt Ion:163 Resp: 44963

Ion	Ratio	Lower	Upper
163	100		
194	3.3	3.2	4.8
164	11.3	8.3	12.5

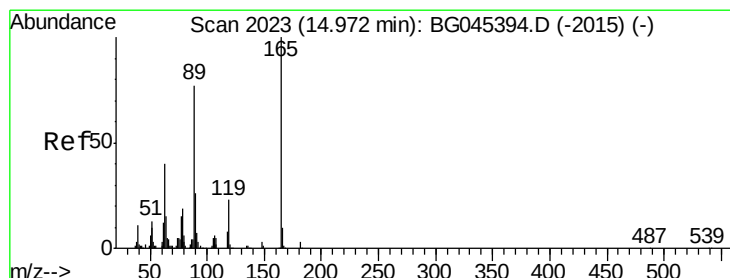
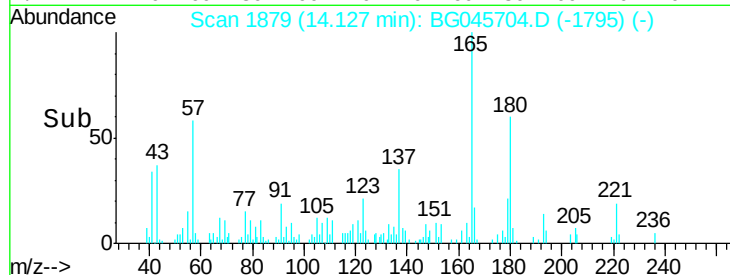
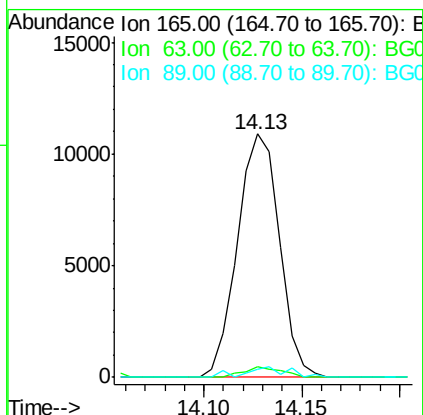
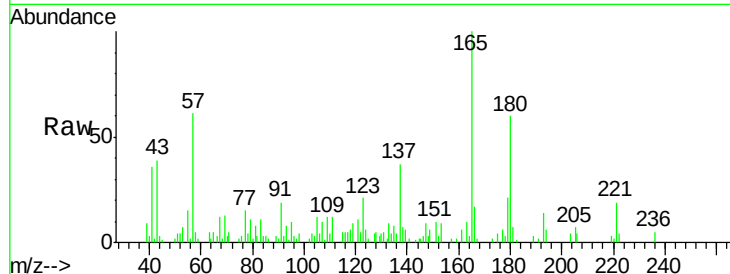




#51
 2,6-Dinitrotoluene
 Concen: 6.767 ng
 RT: 14.13 min Scan# 1879
 Delta R.T. -0.04 min
 Lab File: BG045704.D
 Acq: 10 Jun 2020 23:20

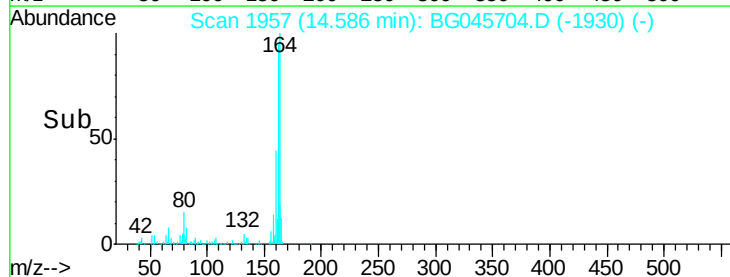
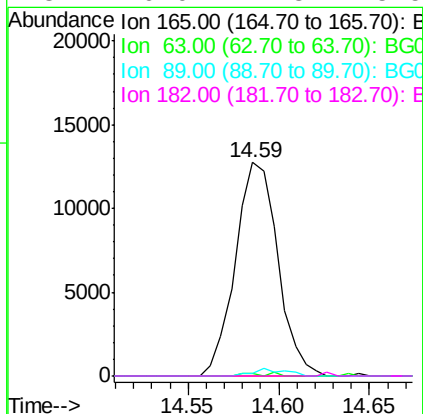
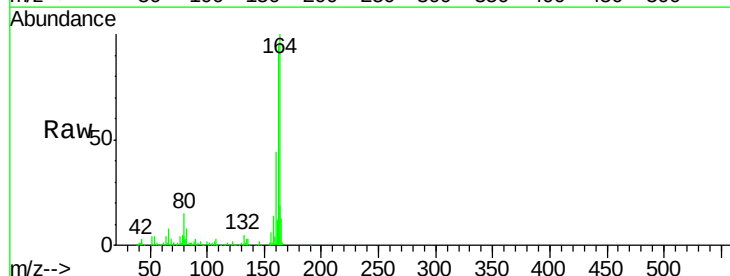
Instrument :
 BNA_G
 ClientSampleId :
 SAFE-COMP

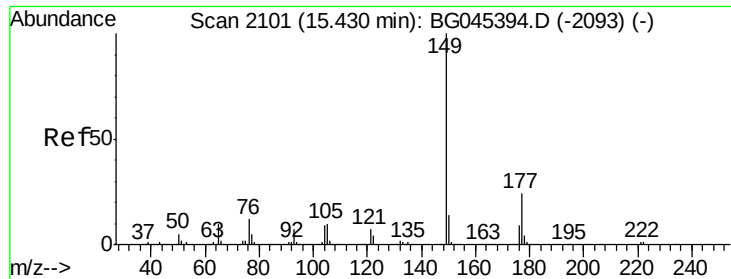
Tot Ion	Ratio	Lower	Upper
165	100		
63	4.6	45.0	67.4#
89	3.1	50.2	75.4#



#57
 2,4-Dinitrotoluene
 Concen: 6.000 ng
 RT: 14.59 min Scan# 1957
 Delta R.T. -0.37 min
 Lab File: BG045704.D
 Acq: 10 Jun 2020 23:20

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	32.5	48.7#
89	1.4	61.8	92.6#
182	0.0	2.3	3.5#





#60

Diethylphthalate

Concen: 3.659 ng

RT: 15.40 min Scan# 2096

Delta R.T. -0.02 min

Lab File: BG045704.D

Acq: 10 Jun 2020 23:20

Instrument :

BNA_G

ClientSampleId :

SAFE-COMP

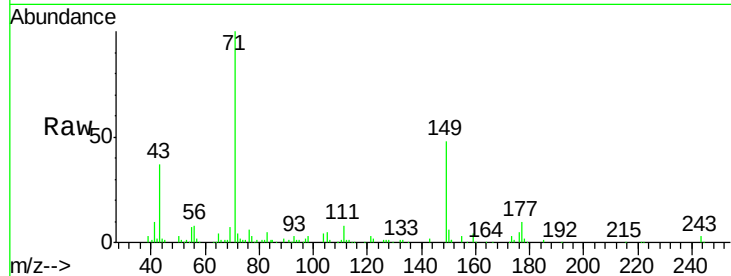
Tot Ion:149 Resp: 40315

Ion Ratio Lower Upper

149 100

177 21.3 19.0 28.4

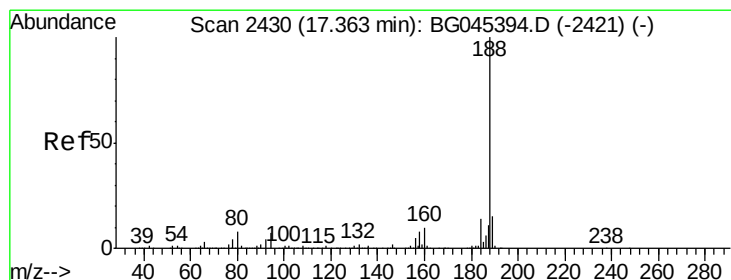
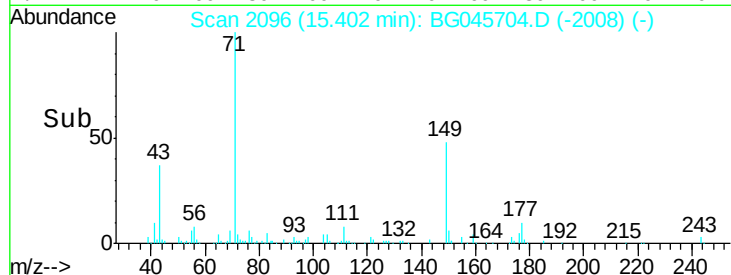
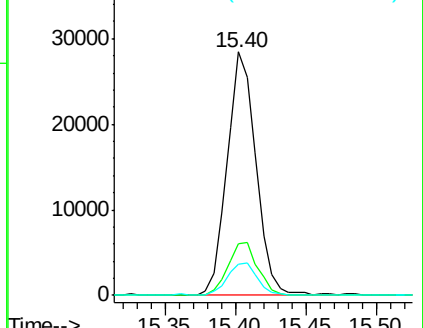
150 12.6 11.4 17.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.33 min Scan# 2425

Delta R.T. -0.01 min

Lab File: BG045704.D

Acq: 10 Jun 2020 23:20

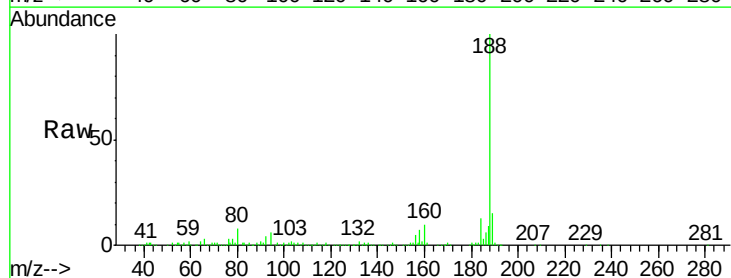
Tgt Ion:188 Resp: 312997

Ion Ratio Lower Upper

188 100

94 6.2 5.5 8.3

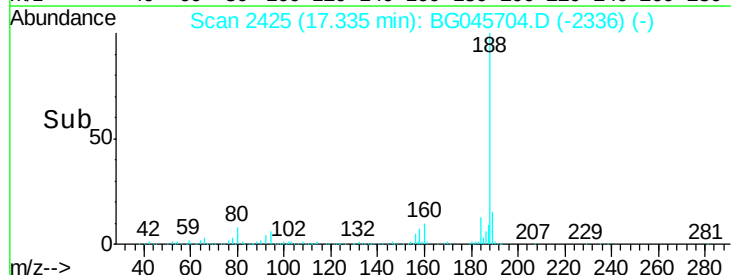
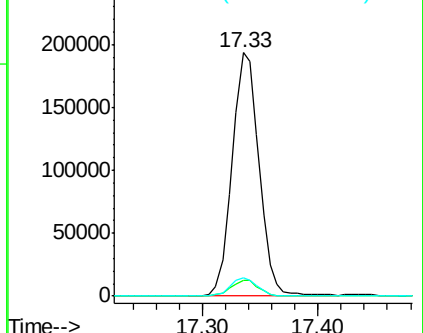
80 7.5 6.6 10.0

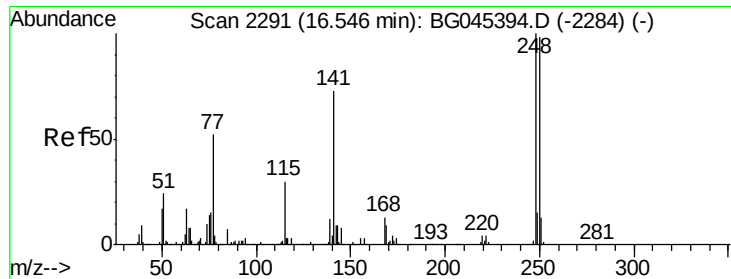


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

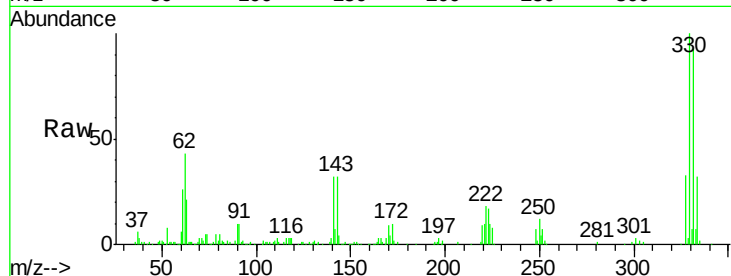




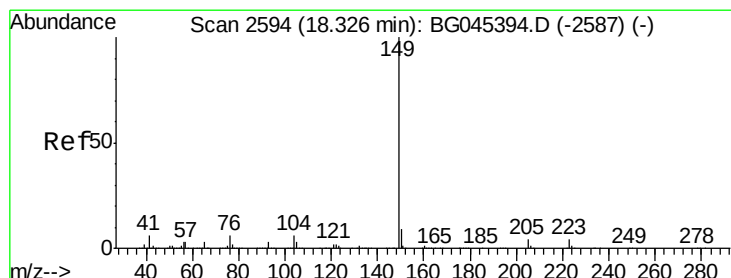
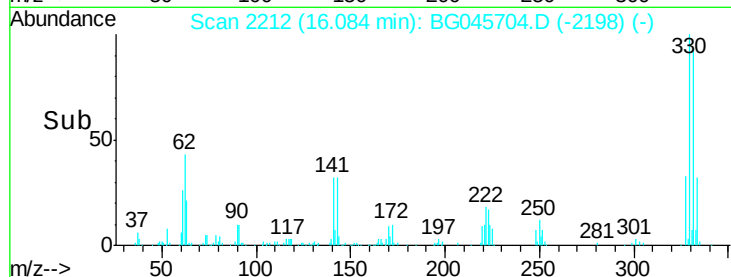
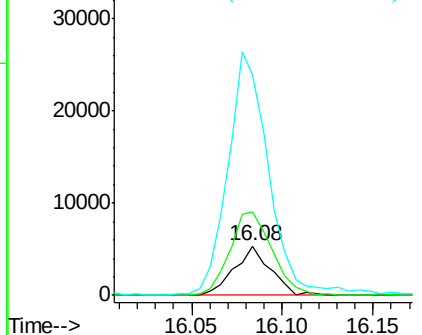
#67
 4-Bromophenyl-phenylether
 Concen: 2.177 ng
 RT: 16.08 min Scan# 2212
 Delta R.T. -0.45 min
 Lab File: BG045704.D
 Acq: 10 Jun 2020 23:20

Instrument :
 BNA_G
 ClientSampleId :
 SAFE-COMP

Tot Ion:248 Resp: 7379
 Ion Ratio Lower Upper
 248 100
 250 168.6 78.6 117.8#
 141 443.0 58.2 87.2#

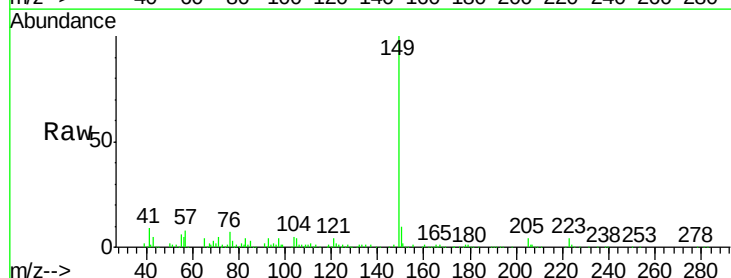


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

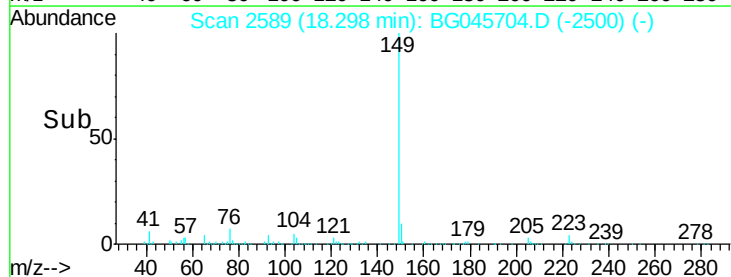
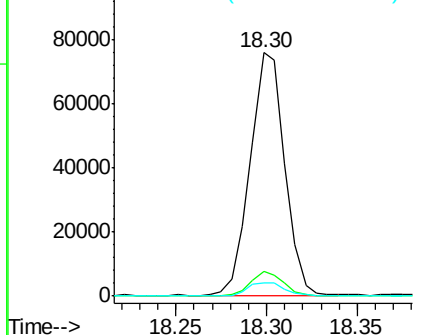


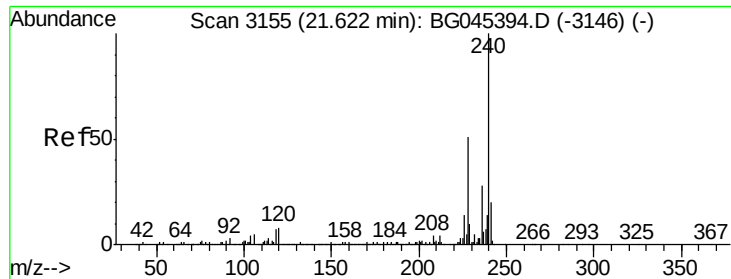
#74
 Di-n-butylphthalate
 Concen: 6.283 ng
 RT: 18.30 min Scan# 2589
 Delta R.T. -0.01 min
 Lab File: BG045704.D
 Acq: 10 Jun 2020 23:20

Tgt Ion:149 Resp: 100872
 Ion Ratio Lower Upper
 149 100
 150 9.9 7.6 11.4
 104 5.3 5.0 7.4



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

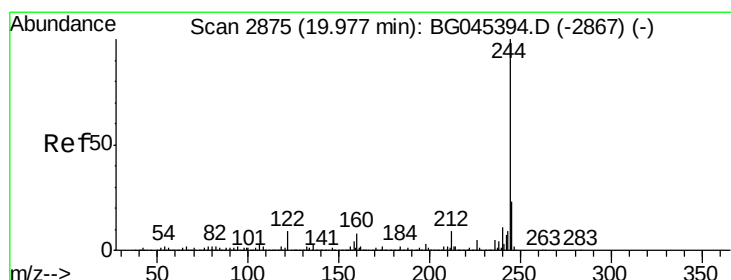
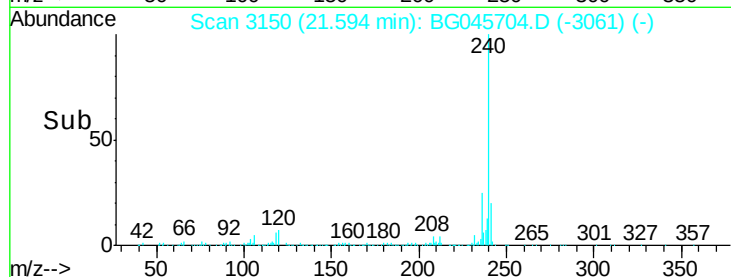
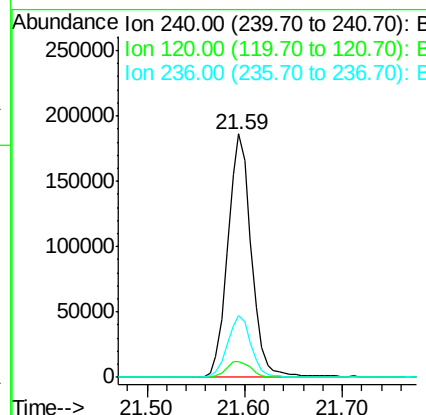
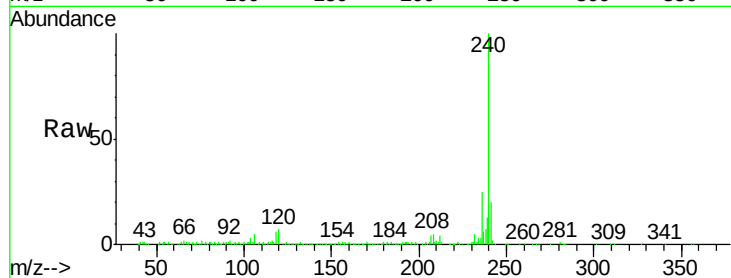




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.59 min Scan# 3150
Delta R.T. -0.01 min
Lab File: BG045704.D
Acq: 10 Jun 2020 23:20

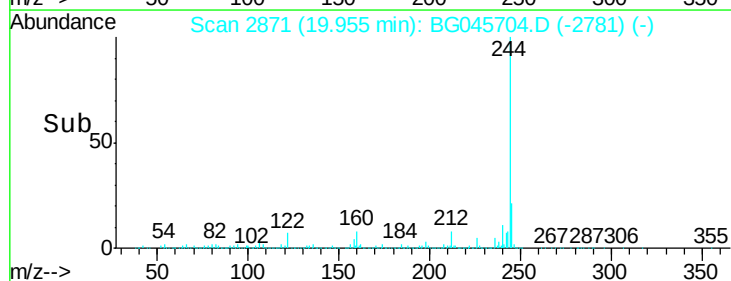
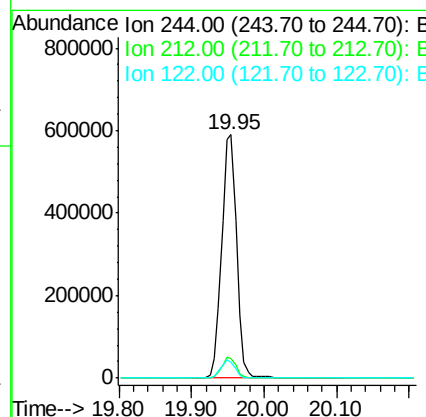
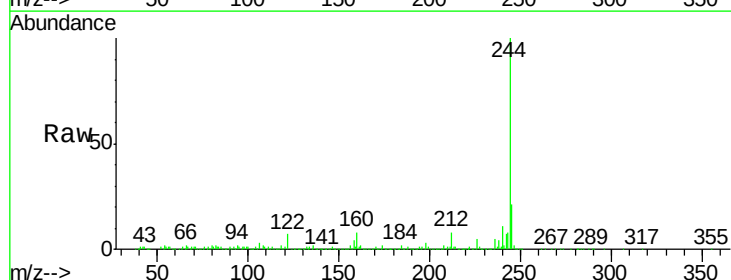
Instrument :
BNA_G
ClientSampleId :
SAFE-COMP

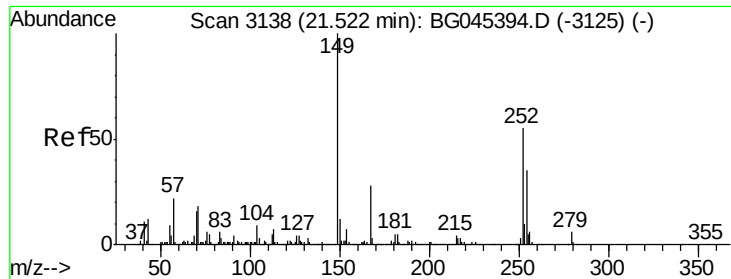
Tot Ion:240 Resp: 311363
Ion Ratio Lower Upper
240 100
120 6.6 6.1 9.1
236 25.4 22.3 33.5



#79
Terphenyl-d14
Concen: 63.551 ng
RT: 19.95 min Scan# 2871
Delta R.T. -0.00 min
Lab File: BG045704.D
Acq: 10 Jun 2020 23:20

Tgt Ion:244 Resp: 848405
Ion Ratio Lower Upper
244 100
212 8.3 7.4 11.0
122 6.7 6.8 10.2#





#84

Bis(2-ethylhexyl)phthalate

Concen: 3.943 ng

RT: 21.49 min Scan# 3132

Delta R.T. -0.01 min

Lab File: BG045704.D

Acq: 10 Jun 2020 23:20

Instrument :

BNA_G

ClientSampleId :

SAFE-COMP

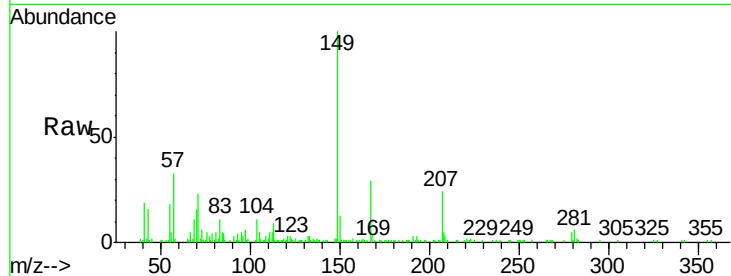
Tot Ion:149 Resp: 41525

Ion Ratio Lower Upper

149 100

167 29.1 22.2 33.2

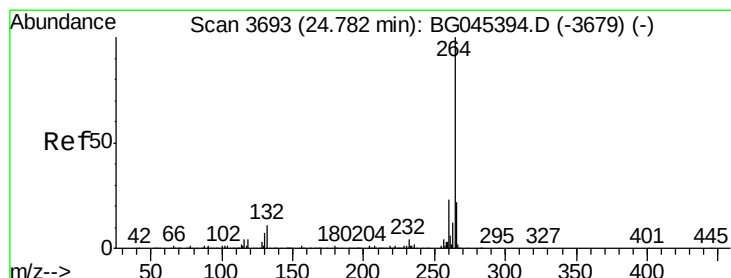
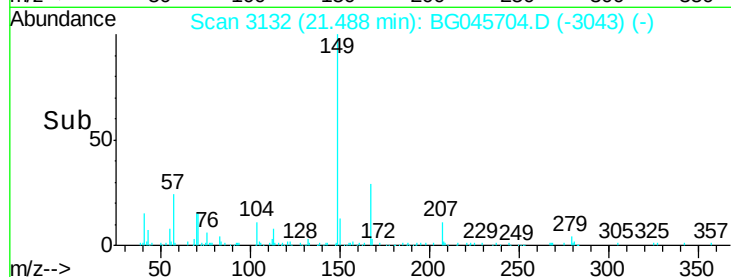
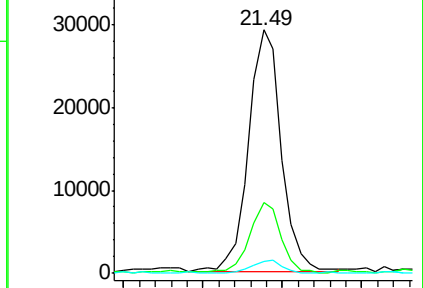
279 5.0 4.7 7.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.74 min Scan# 3685

Delta R.T. -0.02 min

Lab File: BG045704.D

Acq: 10 Jun 2020 23:20

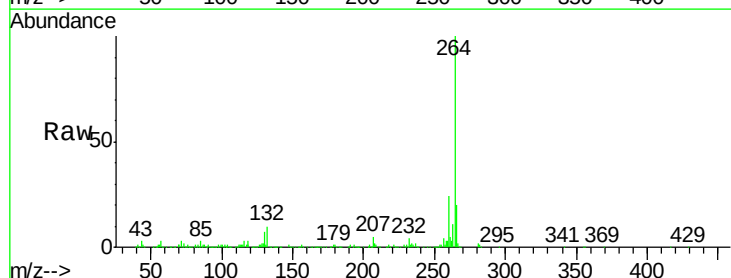
Tgt Ion:264 Resp: 358899

Ion Ratio Lower Upper

264 100

260 23.5 18.2 27.4

265 20.1 17.6 26.4



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

