

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062220\
 Data File : BG045823.D
 Acq On : 22 Jun 2020 11:57
 Operator : CG/JU
 Sample : L3033-08DL 10X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SS043MW009-200616DL

Quant Time: Jun 22 12:55:42 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 15 18:34:19 2020
 Response via : Initial Calibration

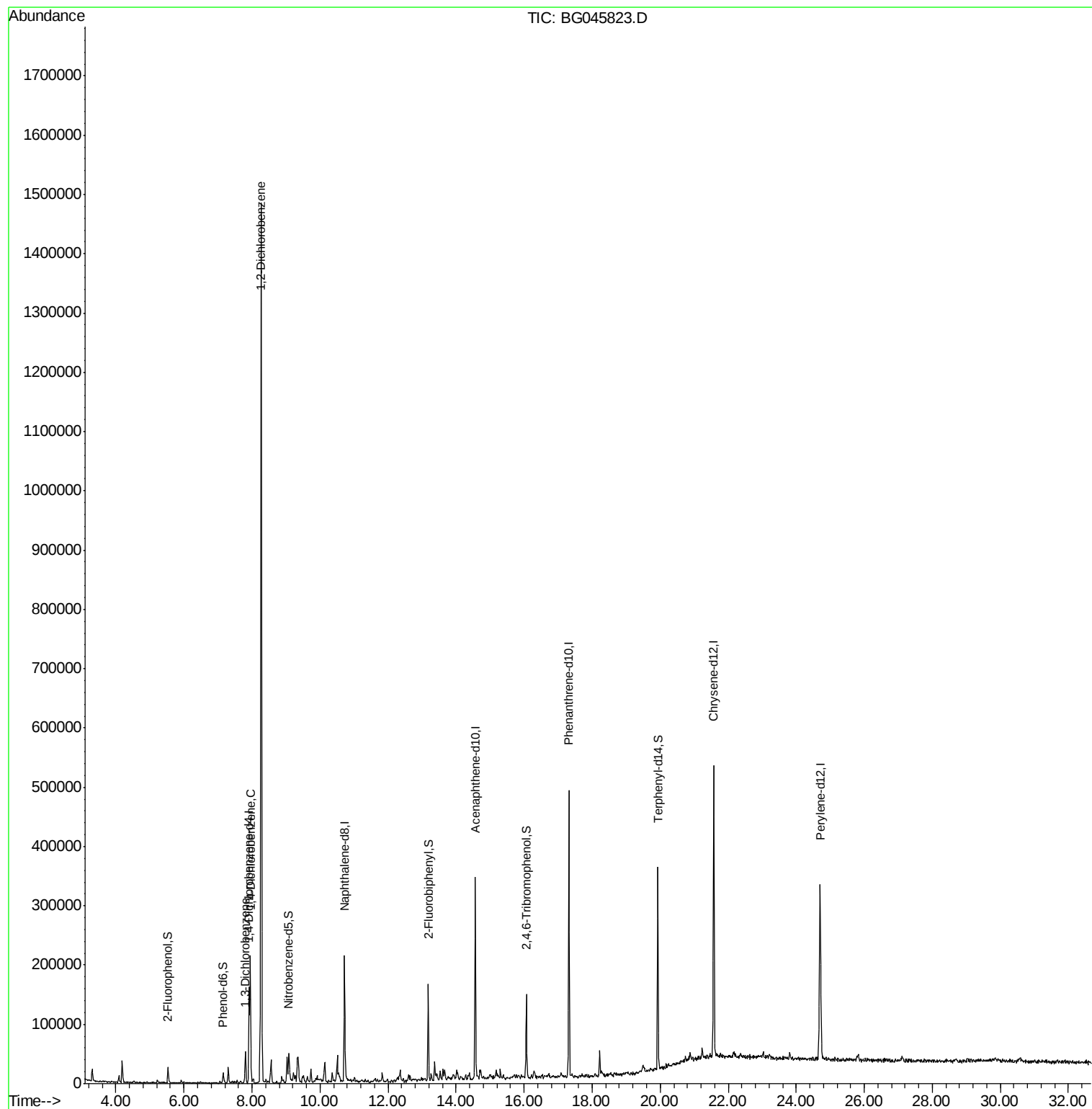
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	47058	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	183132	20.00	ng	0.00
39) Acenaphthene-d10	14.57	164	131773	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	311554	20.00	ng	0.00
76) Chrysene-d12	21.57	240	321279	20.00	ng	0.00
86) Perylene-d12	24.70	264	345245	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	15154	5.44	ng	-0.01
7) Phenol-d6	7.15	99	14621	3.45	ng	-0.01
23) Nitrobenzene-d5	9.08	82	34661	8.65	ng	0.00
42) 2,4,6-Tribromophenol	16.06	330	28885	14.52	ng	0.00
45) 2-Fluorobiphenyl	13.19	172	91786	10.24	ng	0.00
79) Terphenyl-d14	19.93	244	174346	11.00	ng	0.00
Target Compounds						
12) 1,3-Dichlorobenzene	7.81	146	23302	6.558	ng	96
13) 1,4-Dichlorobenzene	7.95	146	90760	25.571	ng	98
14) 1,2-Dichlorobenzene	8.27	146	634854	186.833	ng	97

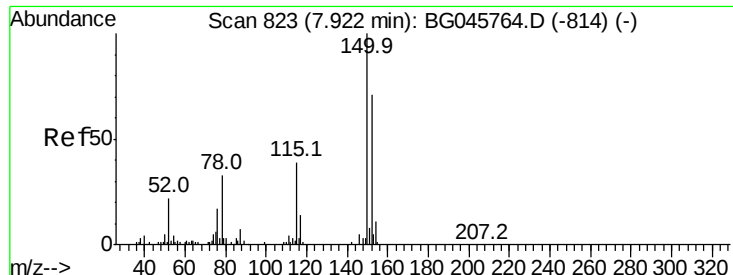
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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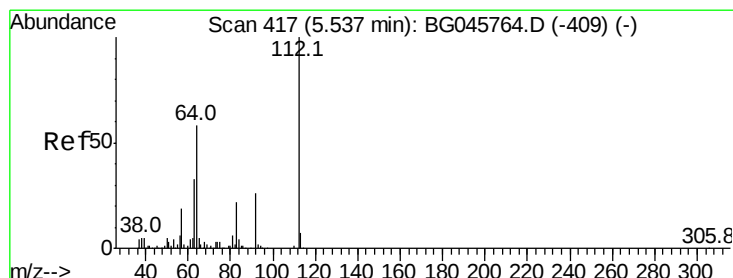
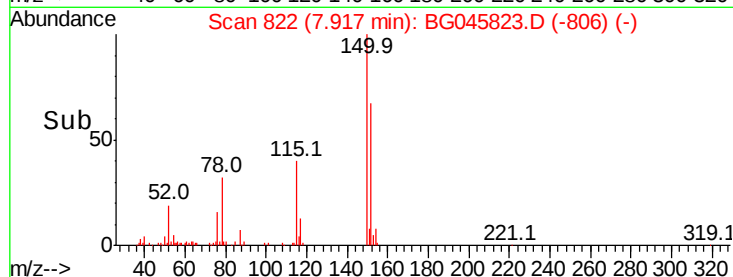
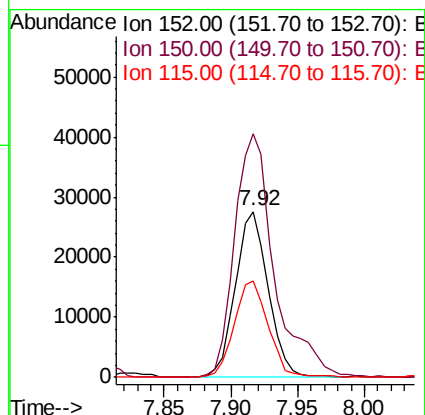
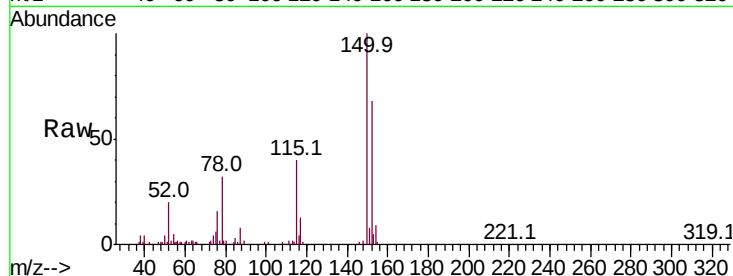


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.92 min Scan# 822
Delta R.T. -0.01 min
Lab File: BG045823.D
Acq: 22 Jun 2020 11:57

Instrument :
BNA_G
ClientSampleId :
SS043MW009-200616DL

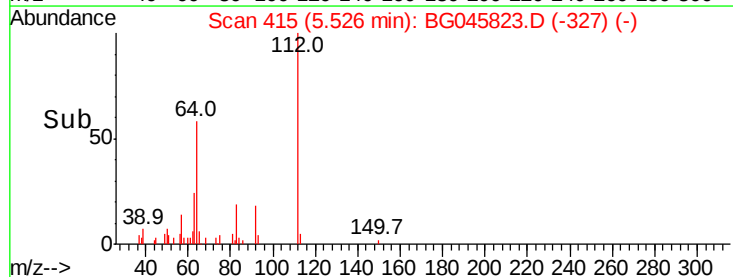
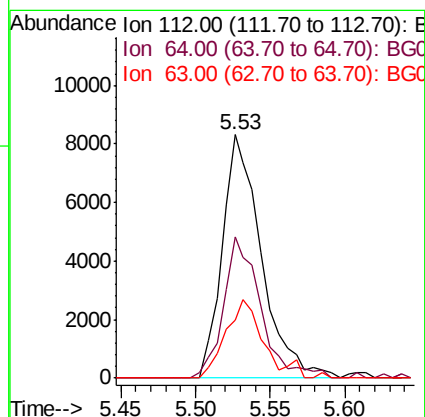
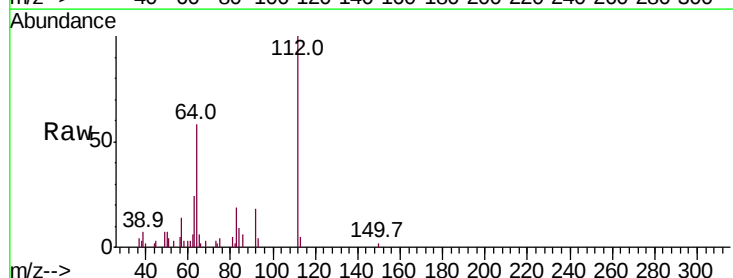
Tot Ion:152 Resp: 47058
Ion Ratio Lower Upper
152 100
150 146.9 113.1 169.7
115 58.2 43.8 65.6

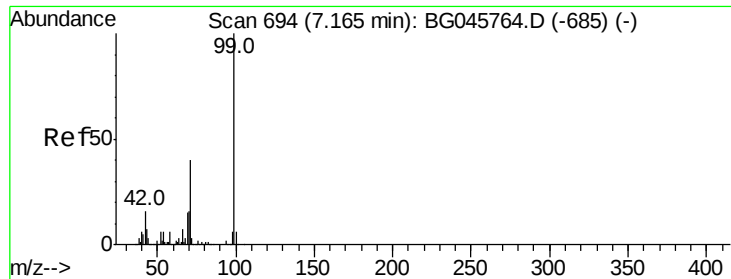


#5

2-Fluorophenol
Concen: 5.440 ng
RT: 5.53 min Scan# 415
Delta R.T. -0.01 min
Lab File: BG045823.D
Acq: 22 Jun 2020 11:57

Tgt Ion:112 Resp: 15154
Ion Ratio Lower Upper
112 100
64 58.0 46.6 69.8
63 23.8 26.3 39.5#





#7

Phenol-d6

Concen: 3.450 ng

RT: 7.15 min Scan# 692

Delta R.T. -0.01 min

Lab File: BG045823.D

Acq: 22 Jun 2020 11:57

Instrument :

BNA_G

ClientSampleId :

SS043MW009-200616DL

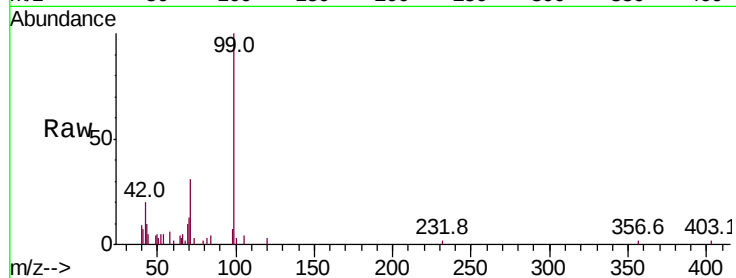
Tot Ion: 99 Resp: 14621

Ion Ratio Lower Upper

99 100

42 19.6 12.4 18.6#

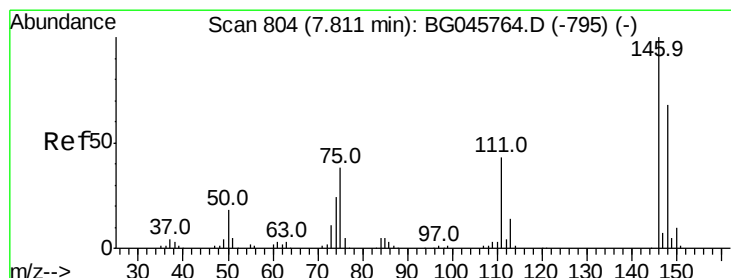
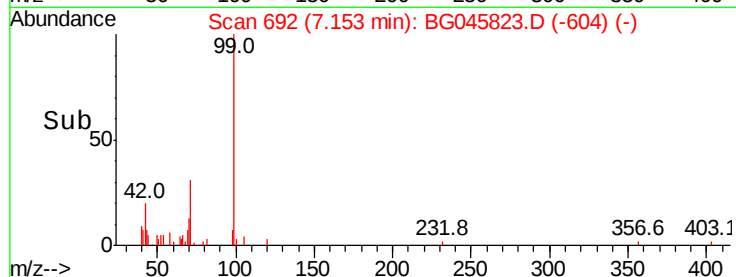
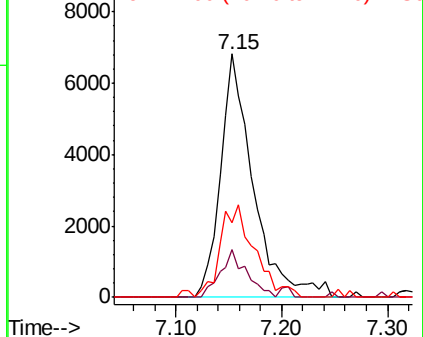
71 30.7 32.1 48.1#



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



#12

1,3-Dichlorobenzene

Concen: 6.558 ng

RT: 7.81 min Scan# 803

Delta R.T. -0.01 min

Lab File: BG045823.D

Acq: 22 Jun 2020 11:57

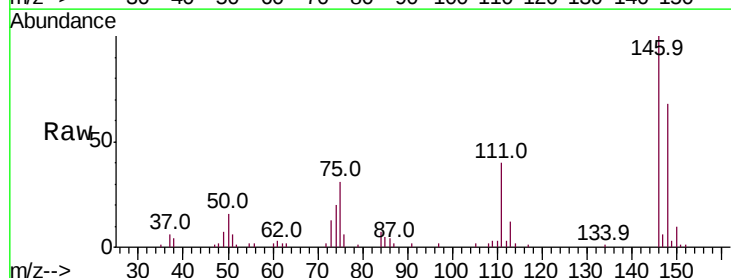
Tgt Ion: 146 Resp: 23302

Ion Ratio Lower Upper

146 100

148 67.9 54.2 81.4

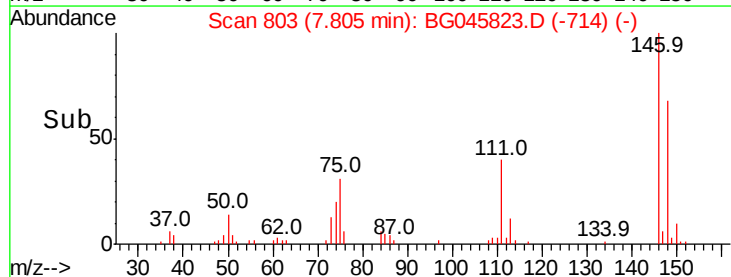
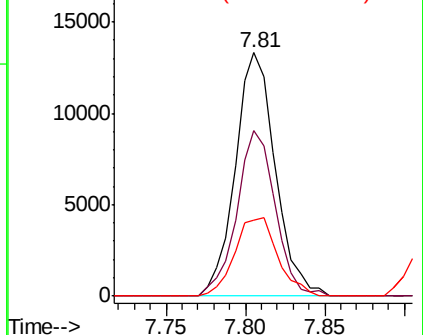
75 31.1 30.1 45.1

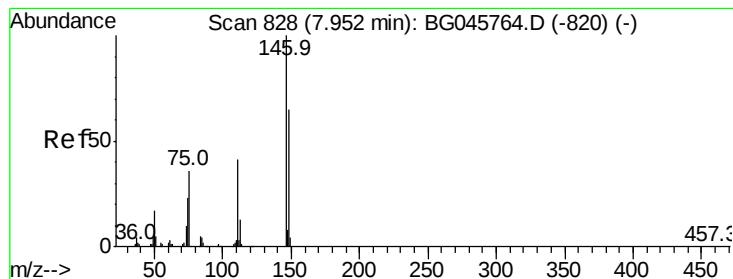


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BGC





#13

1,4-Dichlorobenzene

Concen: 25.571 ng

RT: 7.95 min Scan# 828

Delta R.T. 0.00 min

Lab File: BG045823.D

Acq: 22 Jun 2020 11:57

Instrument :

BNA_G

ClientSampleId :

SS043MW009-200616DL

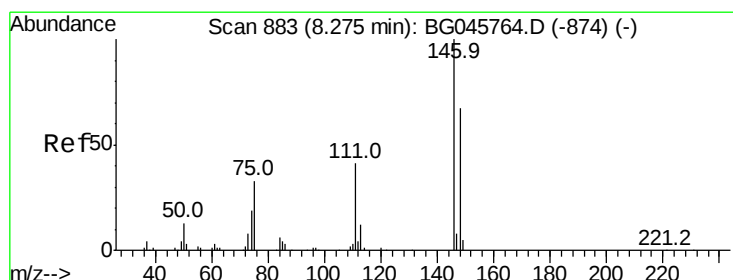
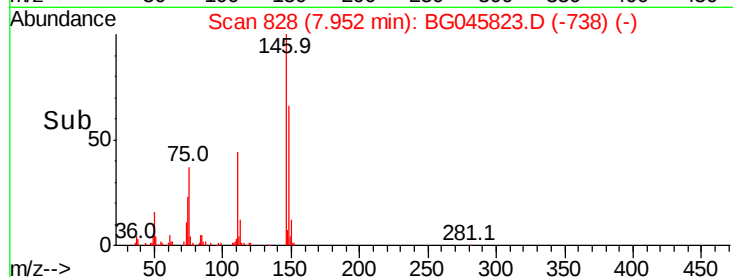
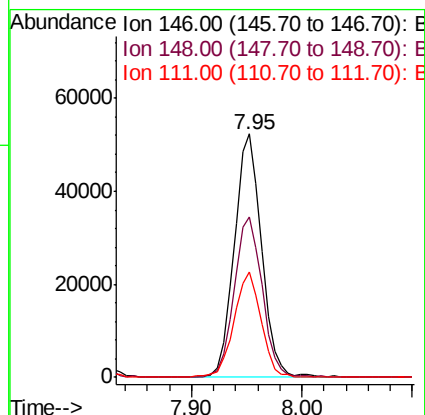
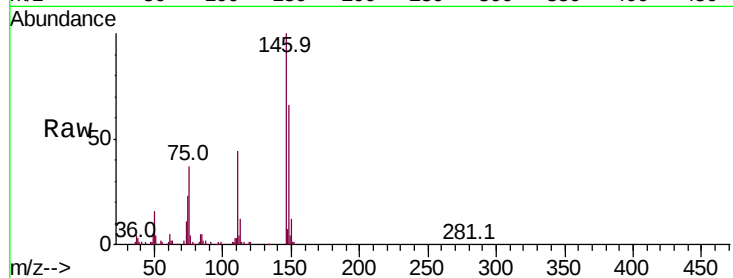
Tot Ion:146 Resp: 90760

Ion Ratio Lower Upper

146 100

148 65.8 51.8 77.6

111 43.5 32.8 49.2



#14

1,2-Dichlorobenzene

Concen: 186.833 ng

RT: 8.27 min Scan# 882

Delta R.T. -0.01 min

Lab File: BG045823.D

Acq: 22 Jun 2020 11:57

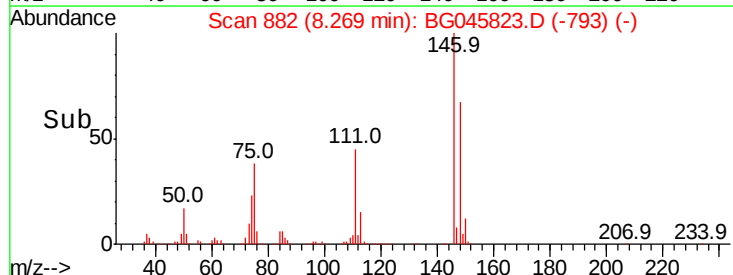
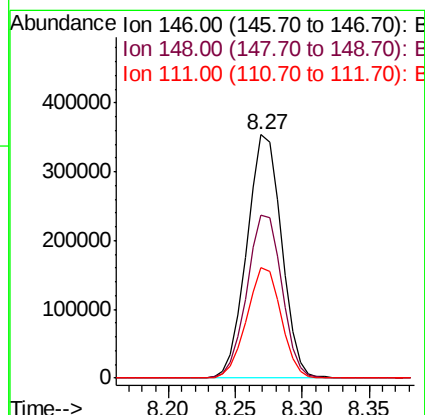
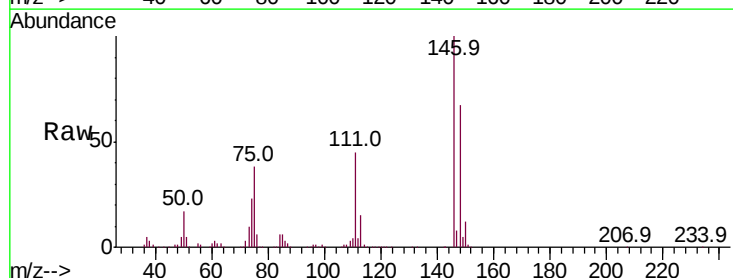
Tgt Ion:146 Resp: 634854

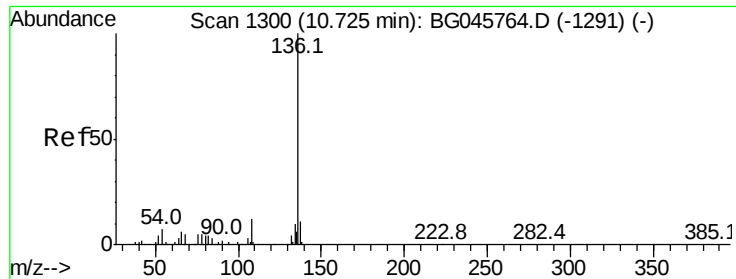
Ion Ratio Lower Upper

146 100

148 67.1 54.1 81.1

111 45.5 32.9 49.3

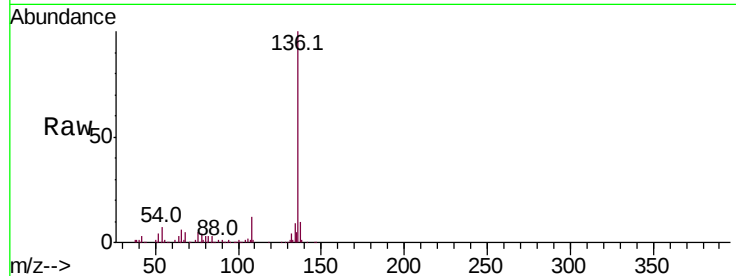




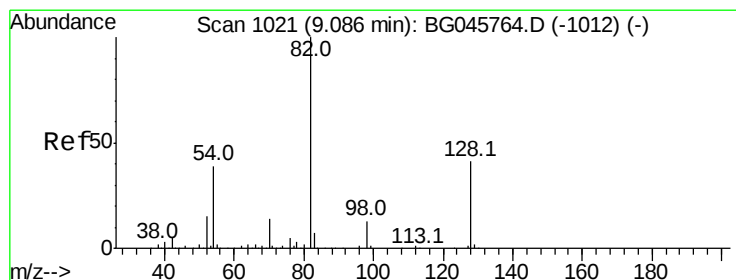
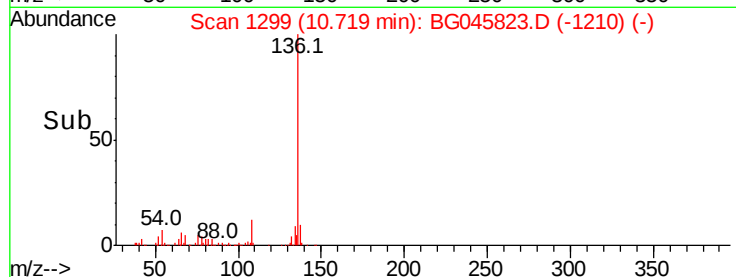
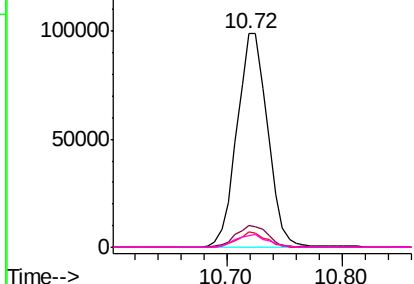
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.72 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG045823.D
Acq: 22 Jun 2020 11:57

Instrument :
BNA_G
ClientSampleId :
SS043MW009-200616DL

Tot Ion:	136	Resp:	183132
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.7	13.1
54	7.4	5.8	8.6
68	5.3	4.0	6.0

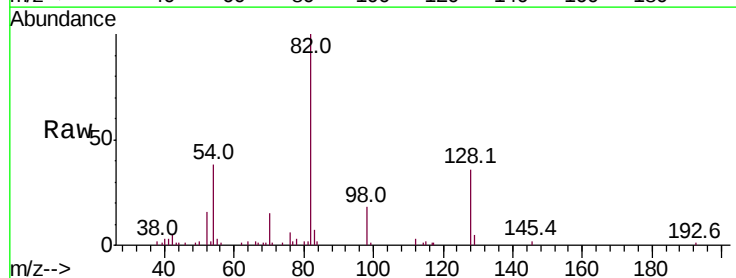


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

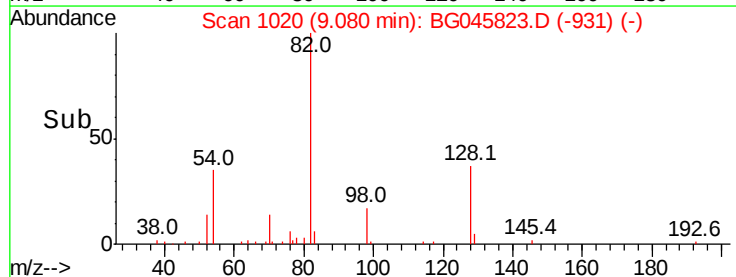
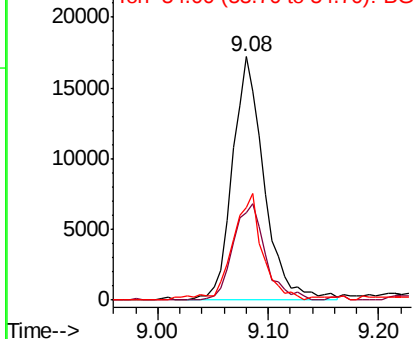


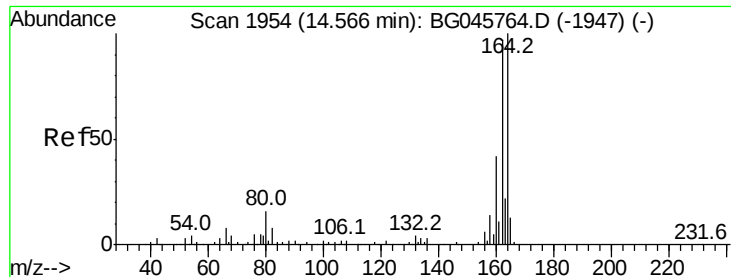
#23
Nitrobenzene-d5
Concen: 8.646 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BG045823.D
Acq: 22 Jun 2020 11:57

Tgt Ion:	82	Resp:	34661
Ion	Ratio	Lower	Upper
82	100		
128	36.1	32.5	48.7
54	38.0	31.2	46.8



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

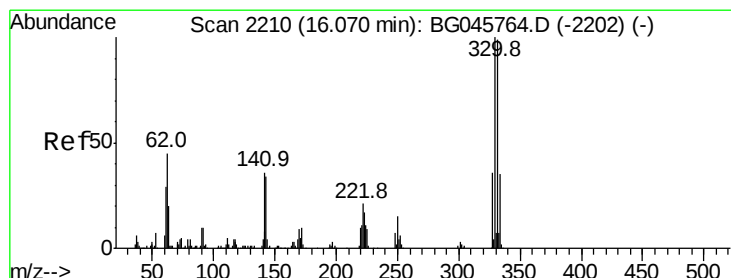
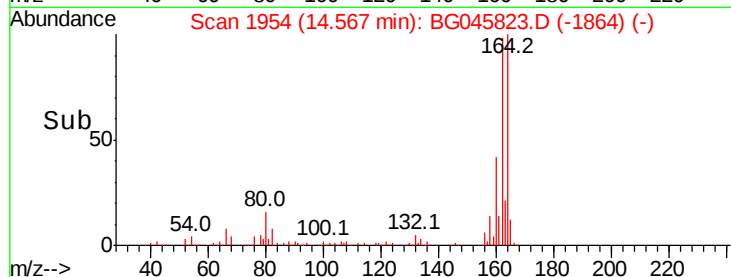
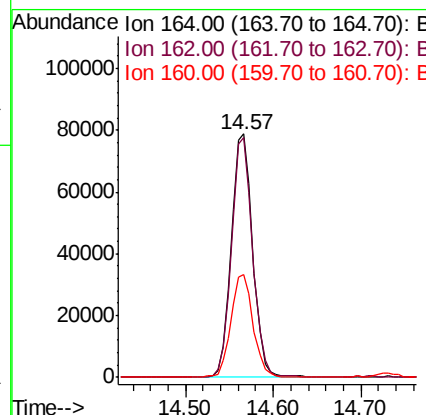
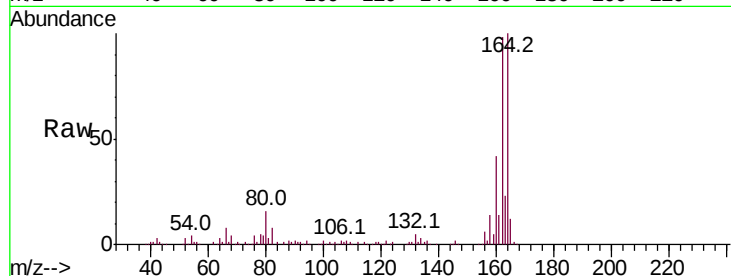




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.57 min Scan# 1954
Delta R.T. 0.00 min
Lab File: BG045823.D
Acq: 22 Jun 2020 11:57

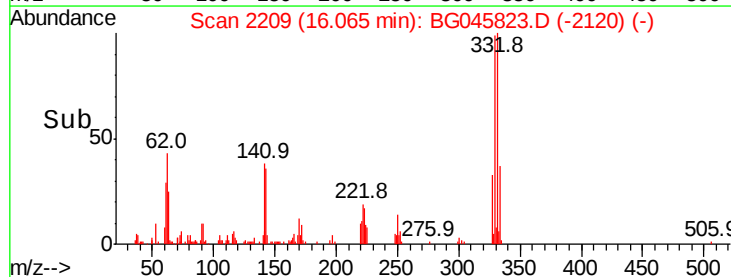
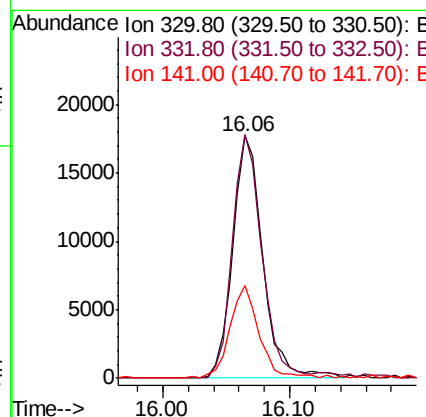
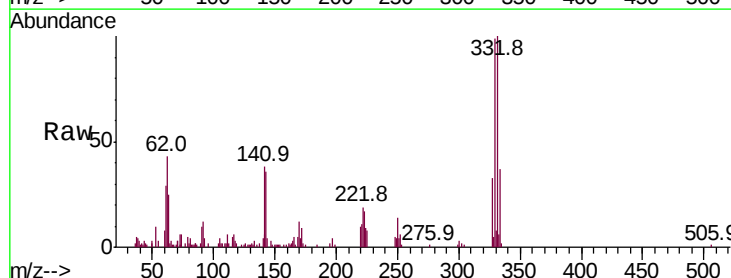
Instrument :
BNA_G
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SS043MW009-200616DL

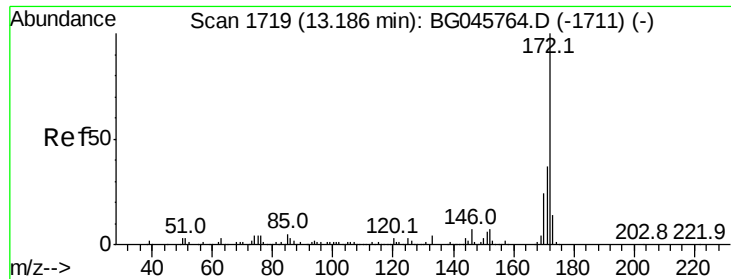
Tot Ion:164 Resp: 131773
Ion Ratio Lower Upper
164 100
162 98.3 77.4 116.0
160 42.1 33.3 49.9



#42
2,4,6-Tribromophenol
Concen: 14.519 ng
RT: 16.06 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BG045823.D
Acq: 22 Jun 2020 11:57

Tgt Ion:330 Resp: 28885
Ion Ratio Lower Upper
330 100
332 98.2 78.6 117.8
141 36.9 28.2 42.4

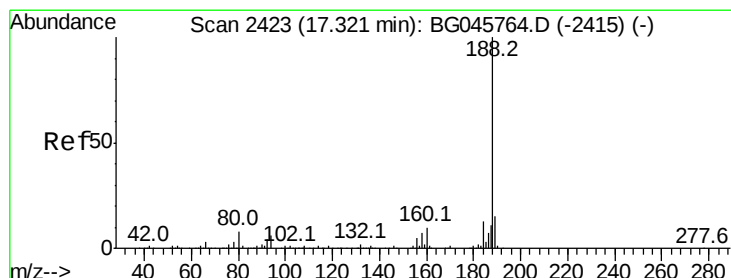
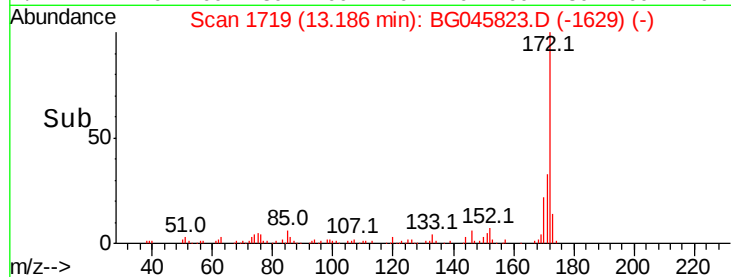
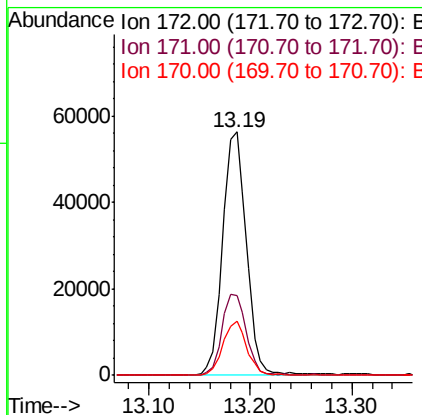
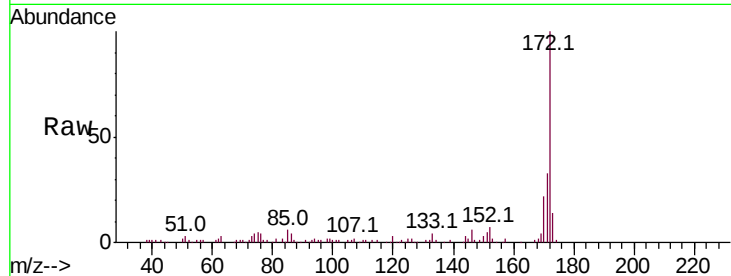




#45
 2-Fluorobiphenyl
 Concen: 10.236 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. 0.00 min
 Lab File: BG045823.D
 Acq: 22 Jun 2020 11:57

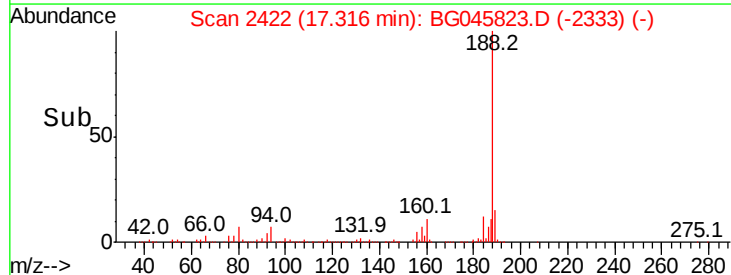
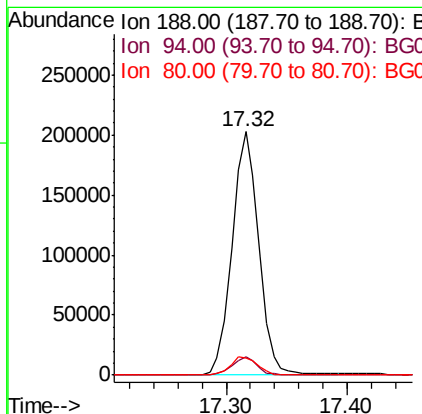
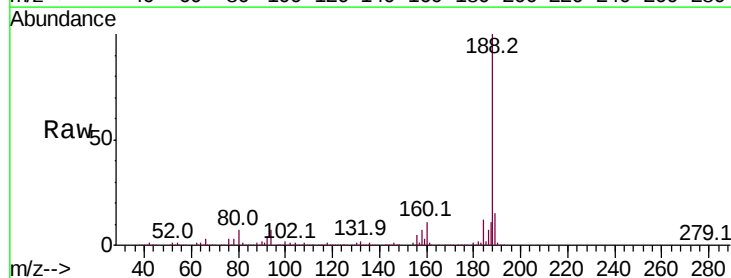
Instrument :
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 SS043MW009-200616DL

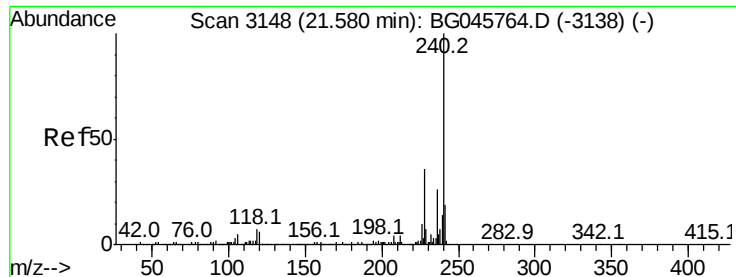
Tot Ion	Ratio	Lower	Upper
172	100		
171	32.6	29.9	44.9
170	22.2	19.3	28.9



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.32 min Scan# 2422
 Delta R.T. -0.01 min
 Lab File: BG045823.D
 Acq: 22 Jun 2020 11:57

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.5	5.1	7.7
80	7.2	6.2	9.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.57 min Scan# 3147

Delta R.T. -0.01 min

Lab File: BG045823.D

Acq: 22 Jun 2020 11:57

Instrument :

BNA_G

ClientSampleId :

SS043MW009-200616DL

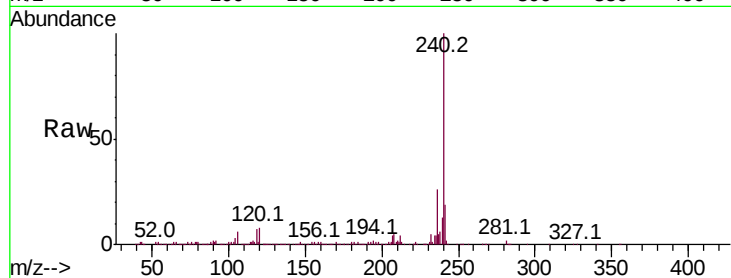
Tot Ion:240 Resp: 321279

Ion Ratio Lower Upper

240 100

120 7.7 5.0 7.4#

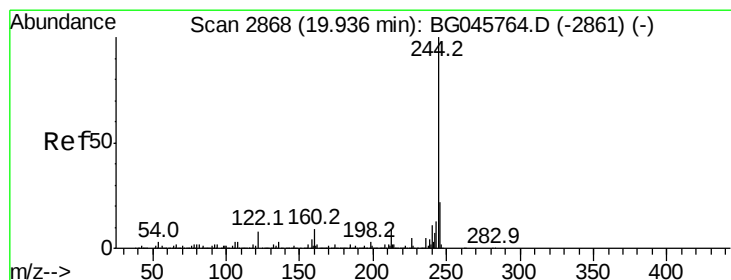
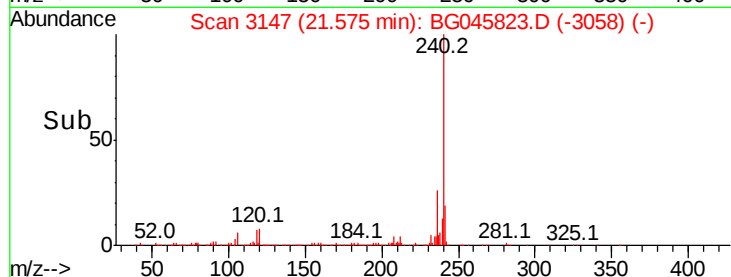
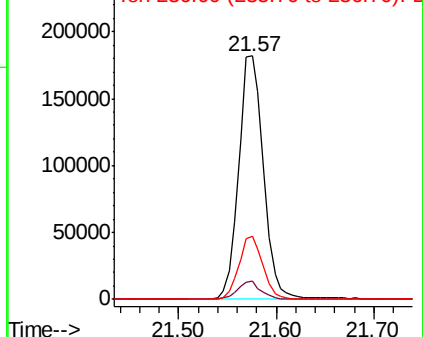
236 25.8 20.6 30.8



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



#79

Terphenyl-d14

Concen: 10.998 ng

RT: 19.93 min Scan# 2867

Delta R.T. -0.01 min

Lab File: BG045823.D

Acq: 22 Jun 2020 11:57

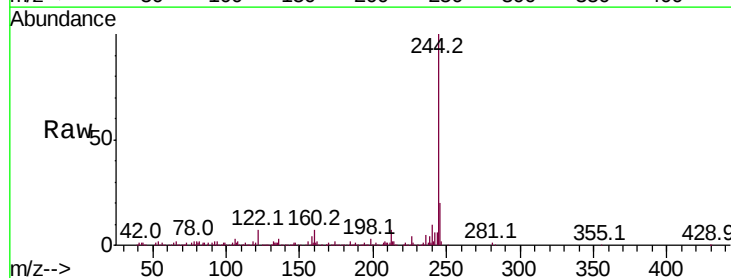
Tgt Ion:244 Resp: 174346

Ion Ratio Lower Upper

244 100

212 7.4 7.2 10.8

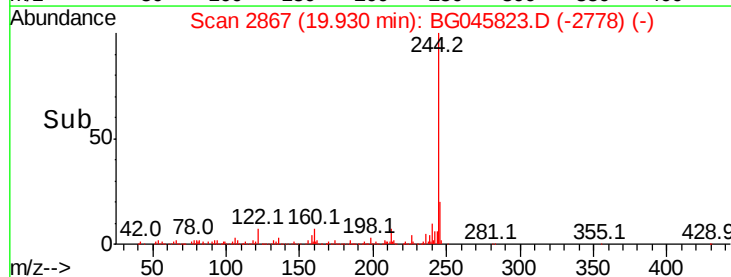
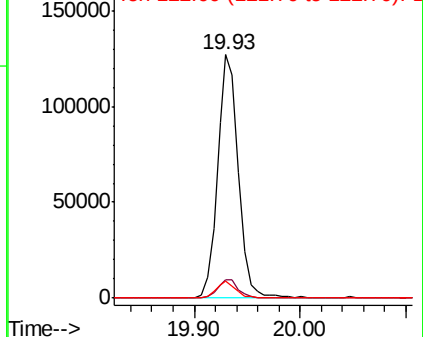
122 7.0 6.4 9.6

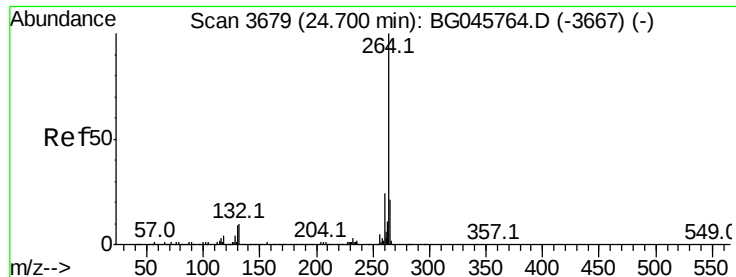


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.70 min Scan# 3679
Delta R.T. 0.00 min
Lab File: BG045823.D
Acq: 22 Jun 2020 11:57

Instrument :
BNA_G
ClientSampleId :
SS043MW009-200616DL

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.0	28.4
265	21.4	17.4	26.0

