

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042221\
 Data File : BG048841.D
 Acq On : 22 Apr 2021 10:59
 Operator : CG/JU
 Sample : M2111-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S-4

Quant Time: Apr 22 11:49:27 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 20 17:33:30 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

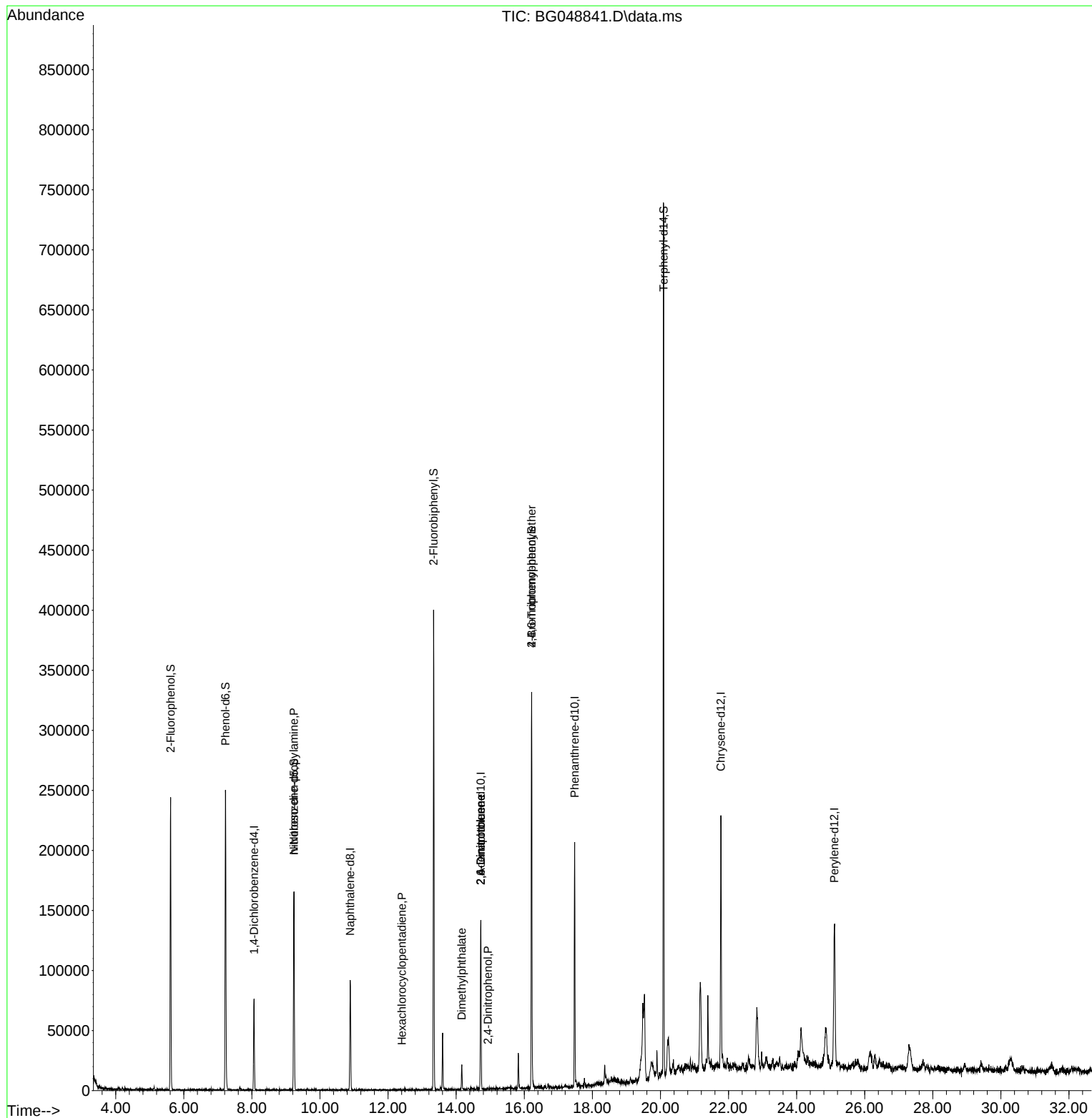
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.062	152	19534	20.00	ng	0.00
21) Naphthalene-d8	10.888	136	71830	20.00	ng	# 0.00
39) Acenaphthene-d10	14.725	164	48827	20.00	ng	0.00
64) Phenanthrene-d10	17.480	188	120751	20.00	ng	# 0.00
76) Chrysene-d12	21.775	240	122291	20.00	ng	# 0.00
86) Perylene-d12	25.107	264	121327	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.612	112	93829	80.34	ng	0.00
7) Phenol-d6	7.222	99	124043	75.08	ng	0.00
23) Nitrobenzene-d5	9.231	82	93427	58.23	ng	0.00
42) 2,4,6-Tribromophenol	16.217	330	55560	84.87	ng	0.00
45) 2-Fluorobiphenyl	13.338	172	188178	55.66	ng	0.00
79) Terphenyl-d14	20.095	244	323317	45.50	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.231	70	14921	13.39	ng	# 75
41) Hexachlorocyclopentadiene	12.404	237	57	5.92	ng	# 31
50) Dimethylphthalate	14.167	163	11587	3.16	ng	# 95
51) 2,6-Dinitrotoluene	14.719	165	7191	8.51	ng	# 12
54) 2,4-Dinitrophenol	14.936	184	55	5.38	ng	# 8
57) 2,4-Dinitrotoluene	14.719	165	7191	5.86	ng	# 18
67) 4-Bromophenyl-phenylether	16.217	248	3746	2.70	ng	# 1

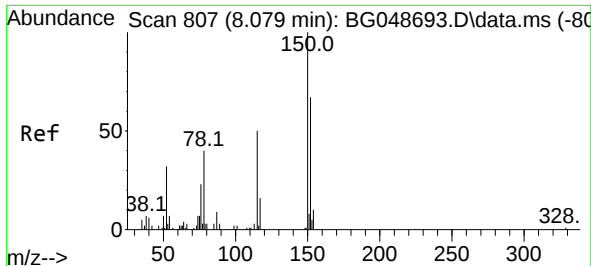
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 20 17:33:30 2021
Response via : Initial Calibration

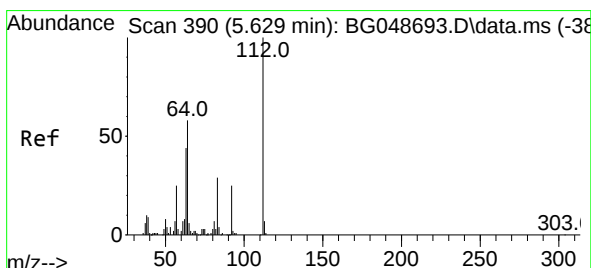
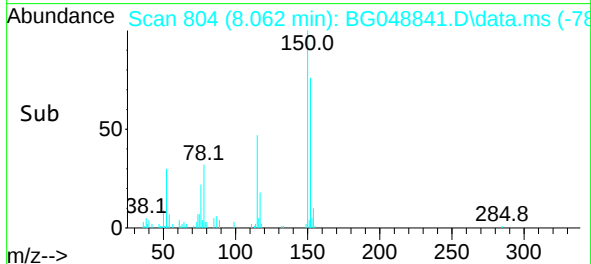
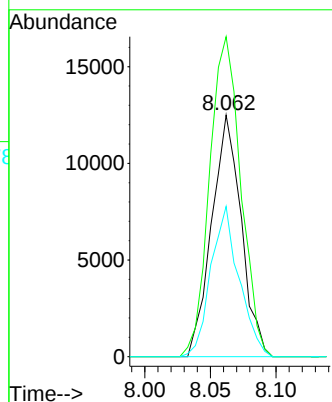
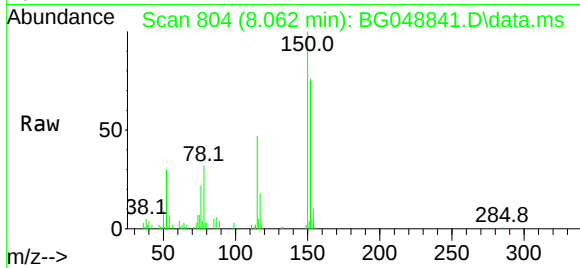




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.062 min Scan# 804
Delta R.T. 0.001 min
Lab File: BG048841.D
Acq: 22 Apr 2021 10:59

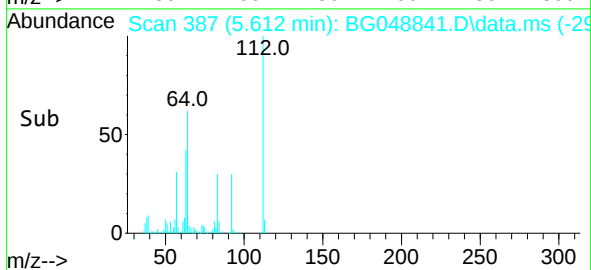
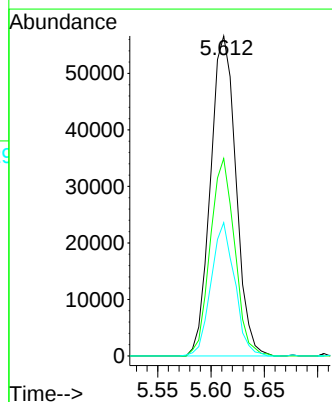
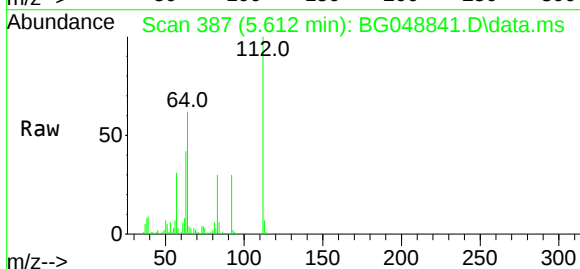
Instrument :
BNA_G
ClientSampleId :
S-4

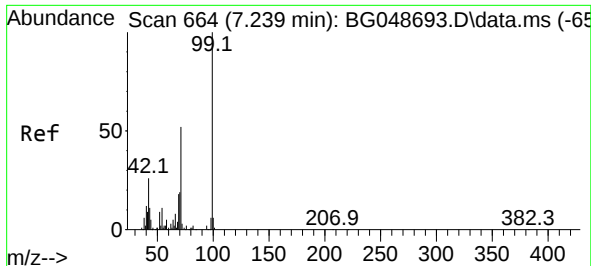
Tgt Ion:152 Resp: 19534
Ion Ratio Lower Upper
152 100
150 132.4 119.4 179.0
115 62.2 60.2 90.4



#5
2-Fluorophenol
Concen: 80.34 ng
RT: 5.612 min Scan# 387
Delta R.T. 0.007 min
Lab File: BG048841.D
Acq: 22 Apr 2021 10:59

Tgt Ion:112 Resp: 93829
Ion Ratio Lower Upper
112 100
64 61.7 46.7 70.1
63 41.6 35.3 52.9

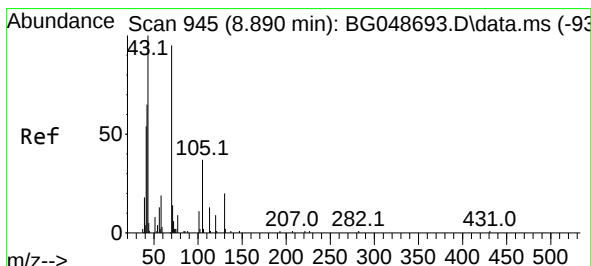
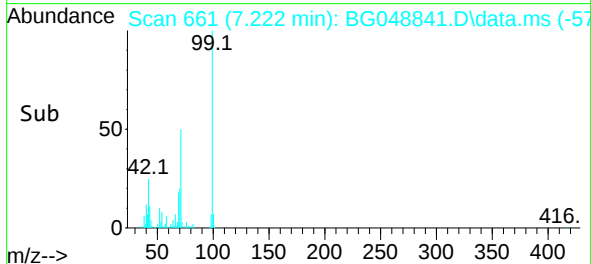
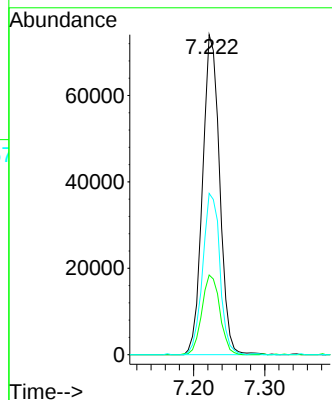
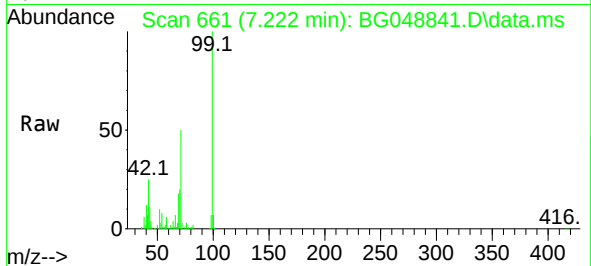




#7
Phenol-d6
Concen: 75.08 ng
RT: 7.222 min Scan# 661
Delta R.T. 0.001 min
Lab File: BG048841.D
Acq: 22 Apr 2021 10:59

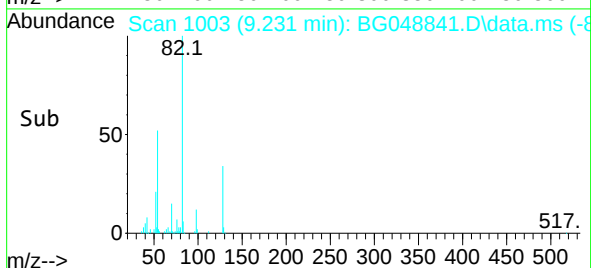
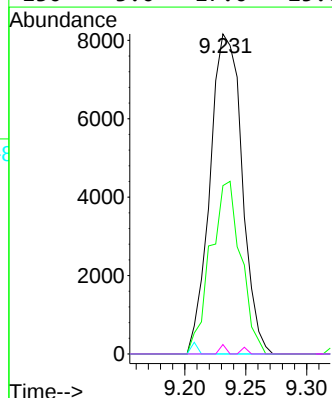
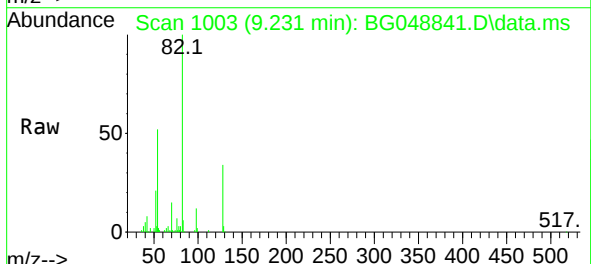
Instrument :
BNA_G
ClientSampleId :
S-4

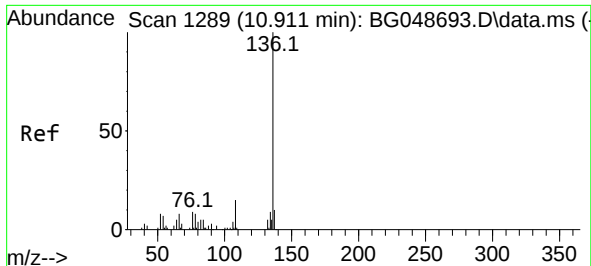
Tgt Ion: 99 Resp: 124043
Ion Ratio Lower Upper
99 100
42 24.9 20.5 30.7
71 50.4 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 13.39 ng
RT: 9.231 min Scan# 1003
Delta R.T. 0.359 min
Lab File: BG048841.D
Acq: 22 Apr 2021 10:59

Tgt Ion: 70 Resp: 14921
Ion Ratio Lower Upper
70 100
42 52.6 54.5 81.7#
101 0.0 9.0 13.6#
130 3.0 17.0 25.6#

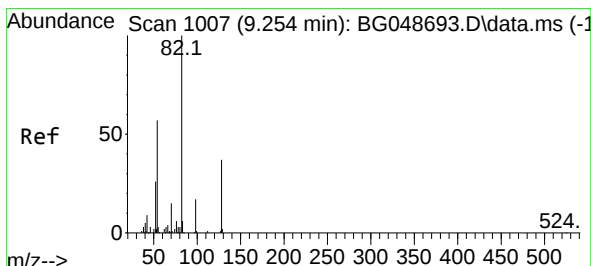
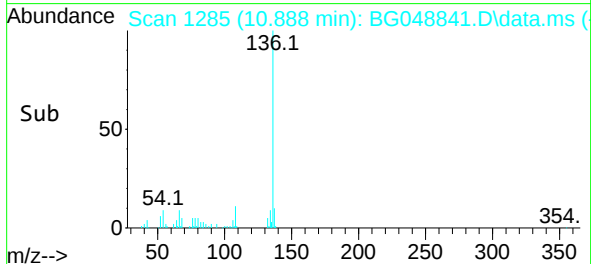
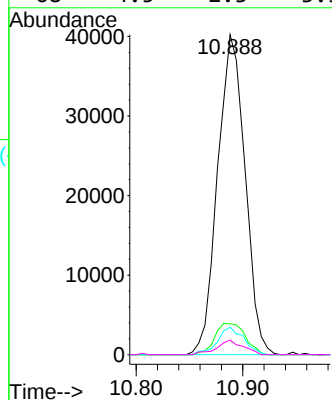
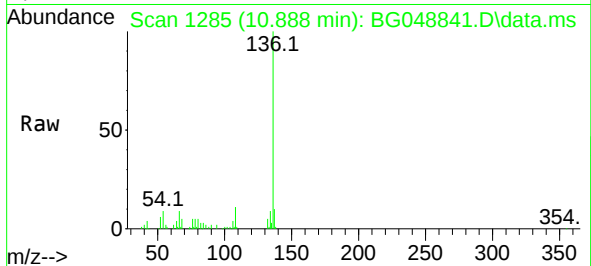




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.888 min Scan# 1285
Delta R.T. -0.005 min
Lab File: BG048841.D
Acq: 22 Apr 2021 10:59

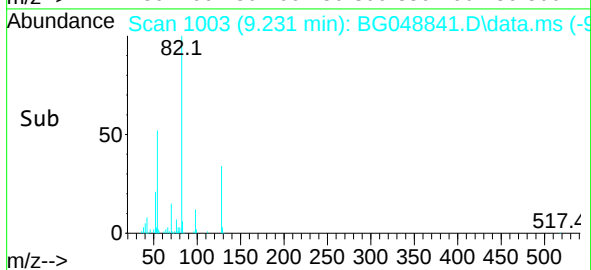
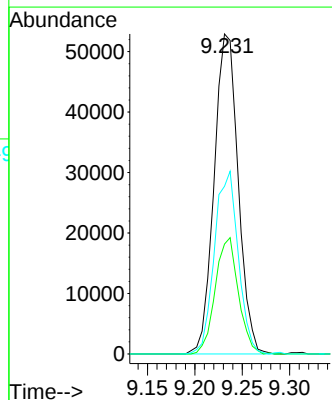
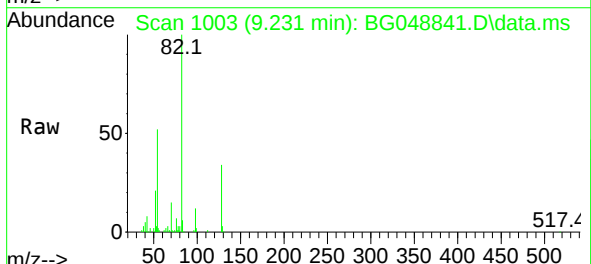
Instrument :
BNA_G
ClientSampled :
S-4

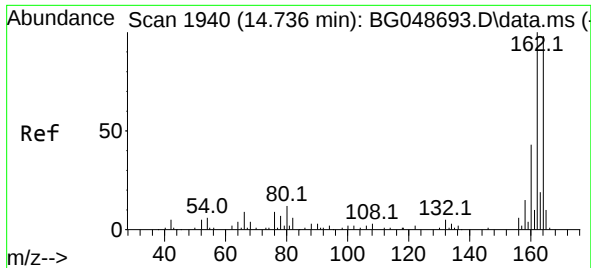
Tgt Ion:	136	Resp:	71830
Ion Ratio	Lower	Upper	
136	100		
137	9.7	8.2	12.2
54	8.5	5.5	8.3#
68	4.5	2.3	3.5#



#23
Nitrobenzene-d5
Concen: 58.23 ng
RT: 9.231 min Scan# 1003
Delta R.T. -0.005 min
Lab File: BG048841.D
Acq: 22 Apr 2021 10:59

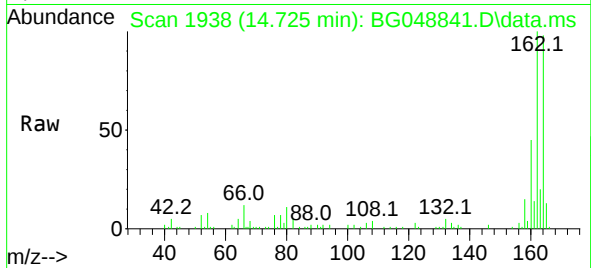
Tgt Ion:	82	Resp:	93427
Ion Ratio	Lower	Upper	
82	100		
128	34.4	29.8	44.6
54	52.4	45.8	68.8



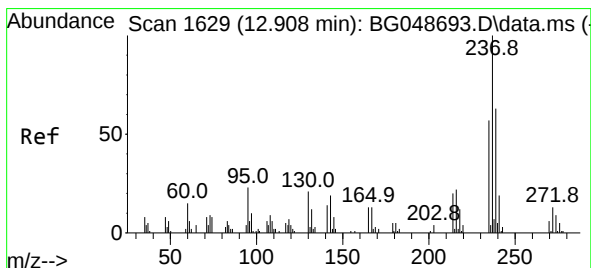
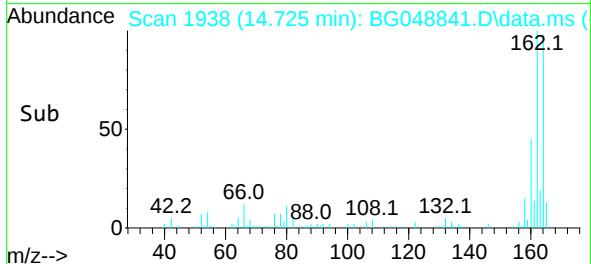
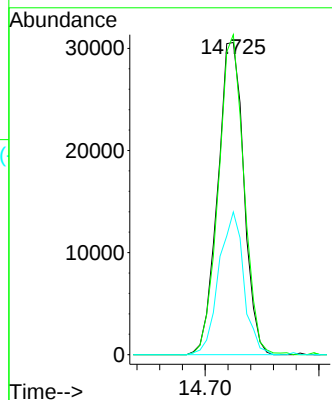


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.725 min Scan# 1938
Delta R.T. 0.001 min
Lab File: BG048841.D
Acq: 22 Apr 2021 10:59

Instrument :
BNA_G
ClientSampled :
S-4

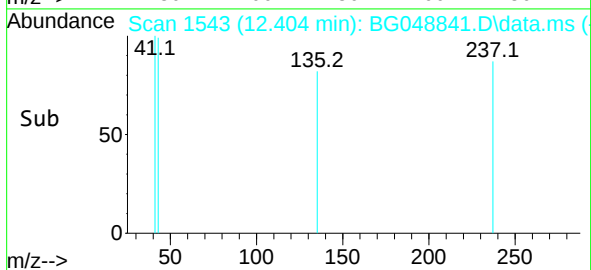
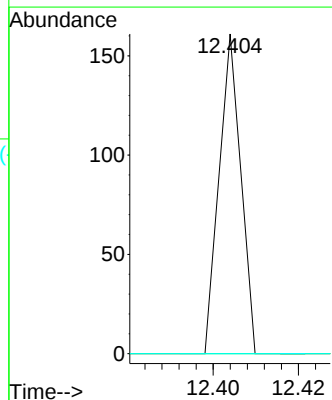
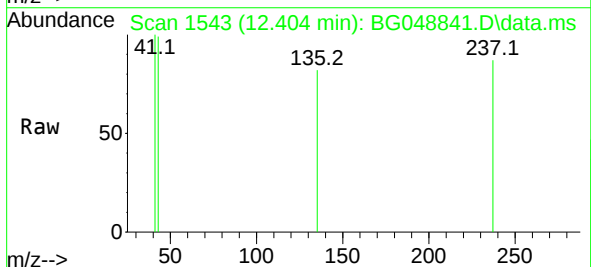


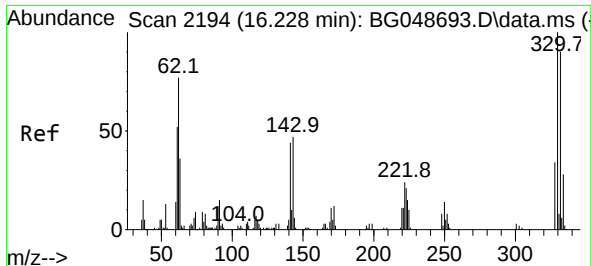
Tgt Ion:164 Resp: 48827
Ion Ratio Lower Upper
164 100
162 102.5 81.4 122.0
160 45.7 34.9 52.3



#41
Hexachlorocyclopentadiene
Concen: 5.92 ng
RT: 12.404 min Scan# 1543
Delta R.T. -0.487 min
Lab File: BG048841.D
Acq: 22 Apr 2021 10:59

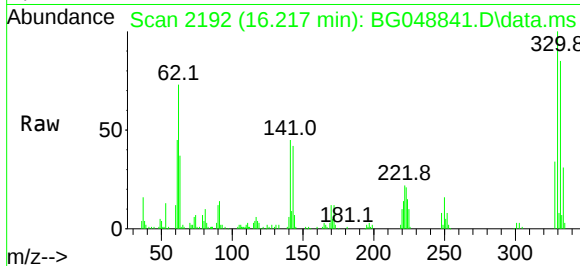
Tgt Ion:237 Resp: 57
Ion Ratio Lower Upper
237 100
235 0.0 36.6 76.6#
272 0.0 0.0 32.5



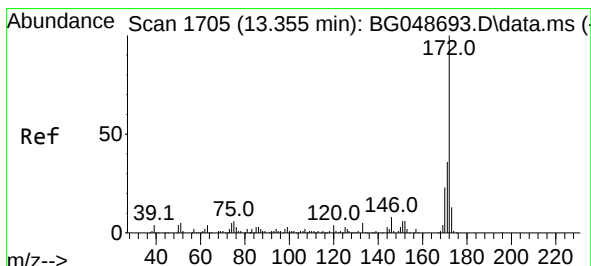
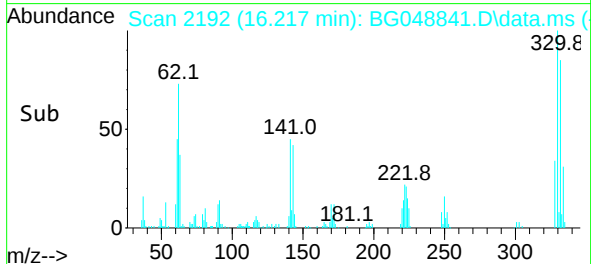
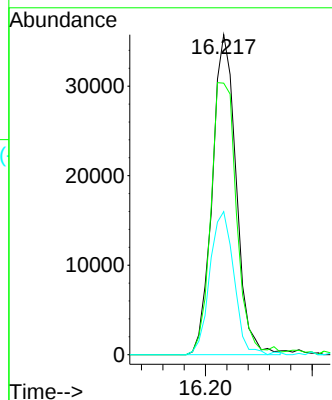


#42
2,4,6-Tribromophenol
Concen: 84.87 ng
RT: 16.217 min Scan# 2192
Delta R.T. 0.001 min
Lab File: BG048841.D
Acq: 22 Apr 2021 10:59

Instrument :
BNA_G
ClientSampled :
S-4

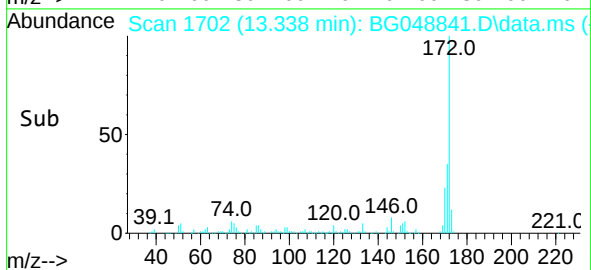
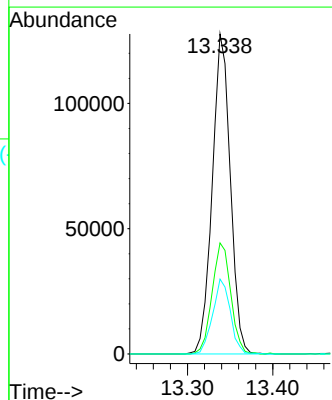
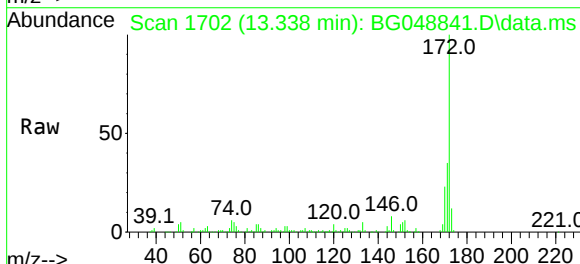


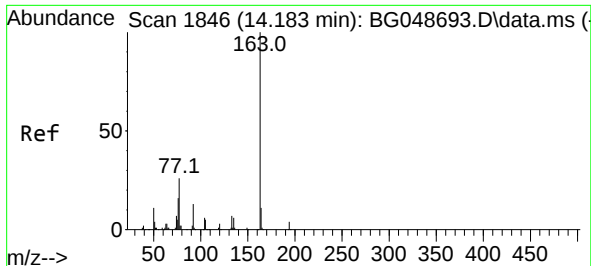
Tgt Ion:330 Resp: 55560
Ion Ratio Lower Upper
330 100
332 91.7 77.3 115.9
141 44.9 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 55.66 ng
RT: 13.338 min Scan# 1702
Delta R.T. -0.005 min
Lab File: BG048841.D
Acq: 22 Apr 2021 10:59

Tgt Ion:172 Resp: 188178
Ion Ratio Lower Upper
172 100
171 34.7 28.6 43.0
170 23.4 18.6 27.8

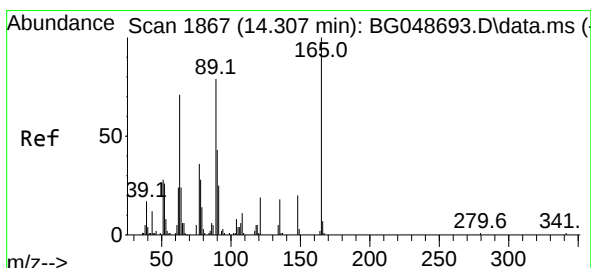
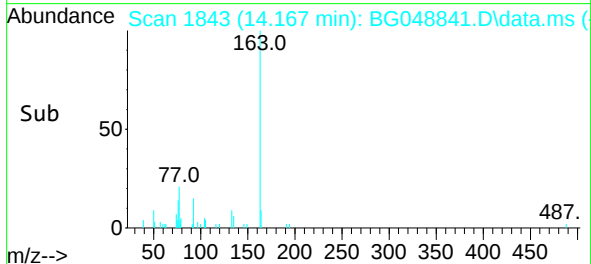
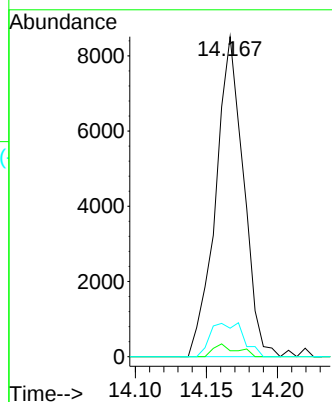
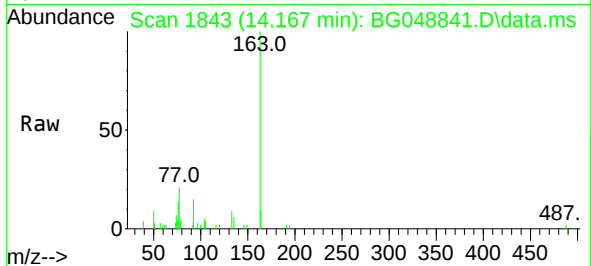




#50
Dimethylphthalate
Concen: 3.16 ng
RT: 14.167 min Scan# 1843
Delta R.T. -0.005 min
Lab File: BG048841.D
Acq: 22 Apr 2021 10:59

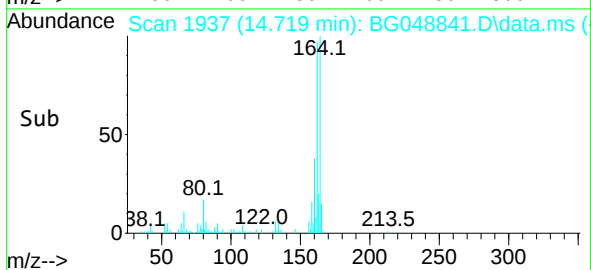
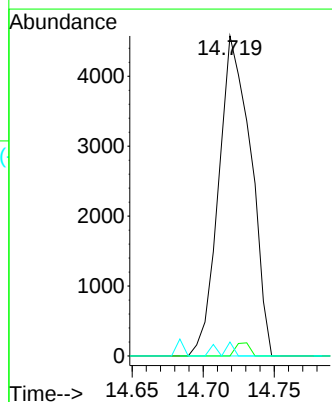
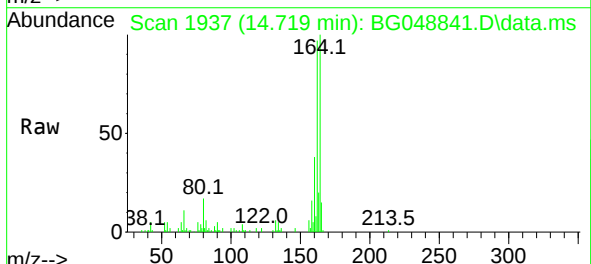
Instrument :
BNA_G
ClientSampled :
S-4

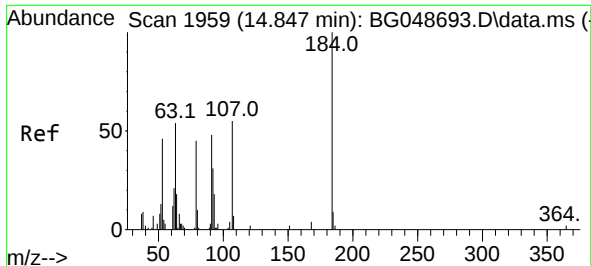
Tgt Ion:163 Resp: 11587
Ion Ratio Lower Upper
163 100
194 1.9 3.0 4.6#
164 8.9 8.6 12.8



#51
2,6-Dinitrotoluene
Concen: 8.51 ng
RT: 14.719 min Scan# 1937
Delta R.T. 0.424 min
Lab File: BG048841.D
Acq: 22 Apr 2021 10:59

Tgt Ion:165 Resp: 7191
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 4.4 63.4 95.0#

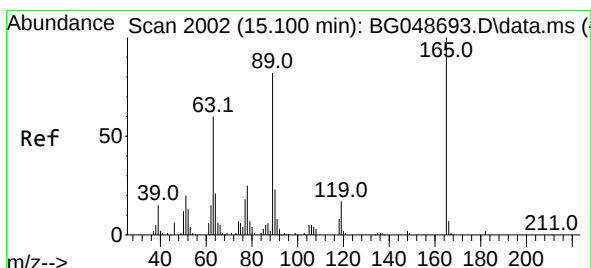
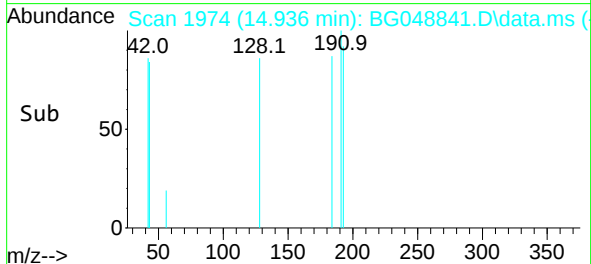
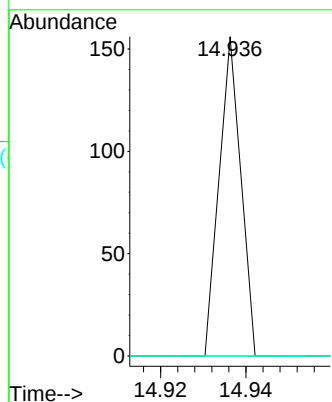
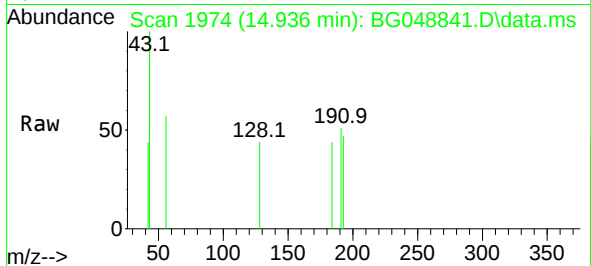




#54
2,4-Dinitrophenol
Concen: 5.38 ng
RT: 14.936 min Scan# 1974
Delta R.T. 0.101 min
Lab File: BG048841.D
Acq: 22 Apr 2021 10:59

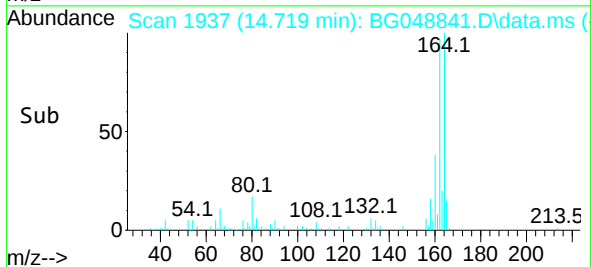
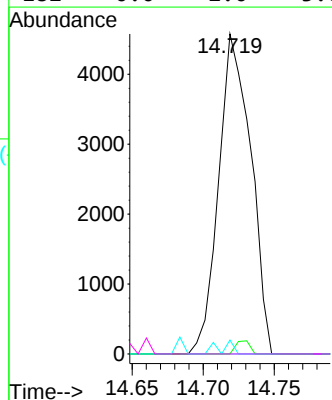
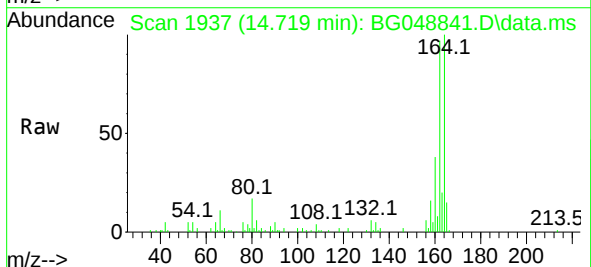
Instrument :
BNA_G
ClientSampled :
S-4

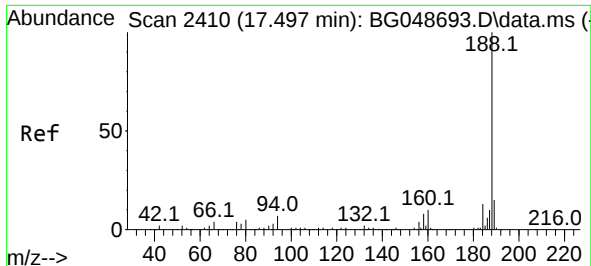
Tgt Ion:184 Resp: 55
Ion Ratio Lower Upper
184 100
63 0.0 68.3 102.5#
154 0.0 62.6 93.8#



#57
2,4-Dinitrotoluene
Concen: 5.86 ng
RT: 14.719 min Scan# 1937
Delta R.T. -0.364 min
Lab File: BG048841.D
Acq: 22 Apr 2021 10:59

Tgt Ion:165 Resp: 7191
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 4.4 65.4 98.0#
182 0.0 2.0 3.0#

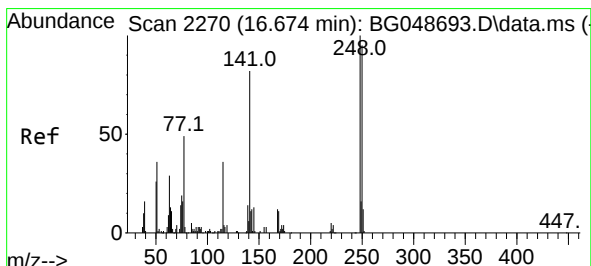
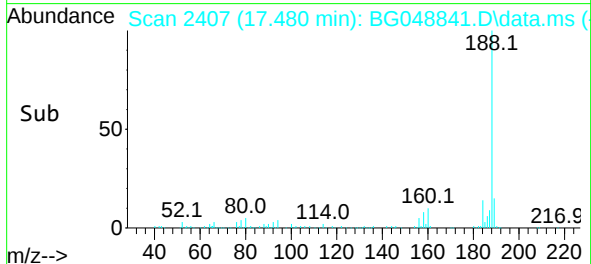
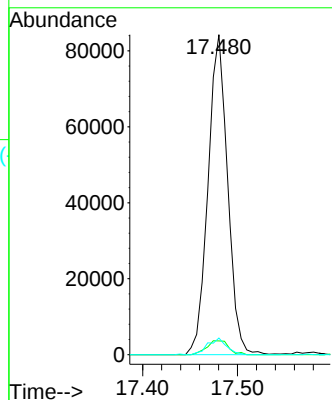
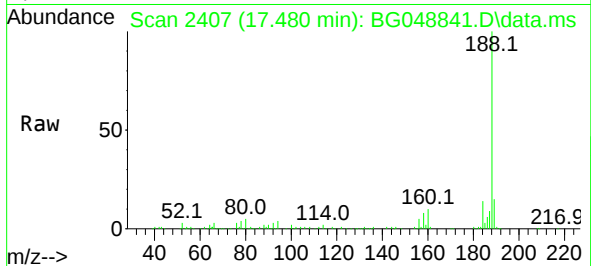




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.480 min Scan# 2407
Delta R.T. 0.001 min
Lab File: BG048841.D
Acq: 22 Apr 2021 10:59

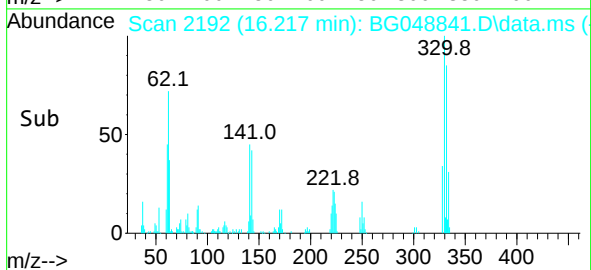
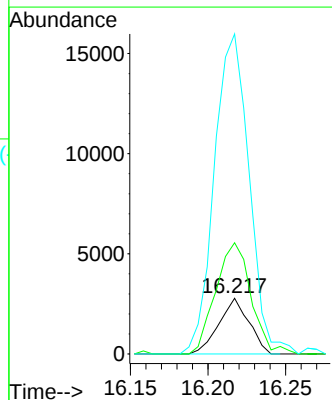
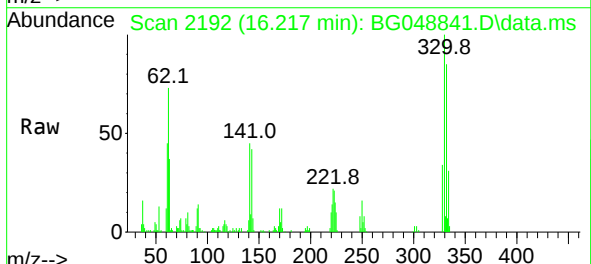
Instrument :
BNA_G
ClientSampled :
S-4

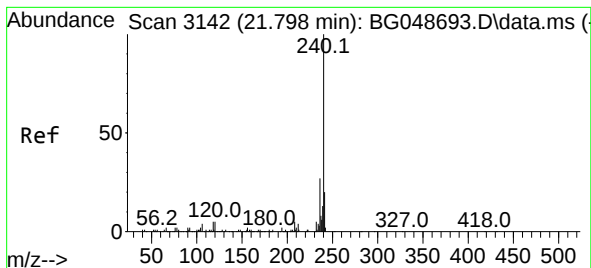
Tgt Ion:188 Resp: 120751
Ion Ratio Lower Upper
188 100
94 4.3 5.4 8.0#
80 5.2 3.7 5.5



#67
4-Bromophenyl-phenylether
Concen: 2.70 ng
RT: 16.217 min Scan# 2192
Delta R.T. -0.446 min
Lab File: BG048841.D
Acq: 22 Apr 2021 10:59

Tgt Ion:248 Resp: 3746
Ion Ratio Lower Upper
248 100
250 199.7 76.1 114.1#
141 574.5 65.4 98.2#





#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.775 min Scan# 3138

Delta R.T. -0.005 min

Lab File: BG048841.D

Acq: 22 Apr 2021 10:59

Tgt Ion:240 Resp: 122291

Ion Ratio Lower Upper

240 100

120 3.9 4.2 6.2#

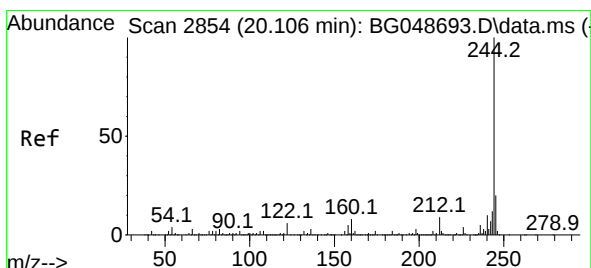
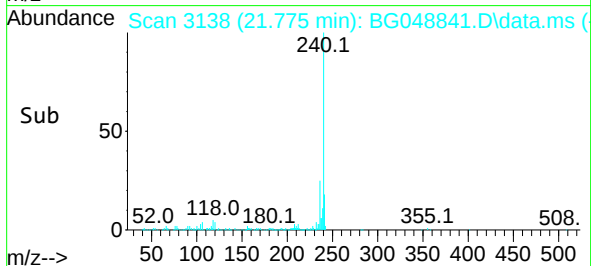
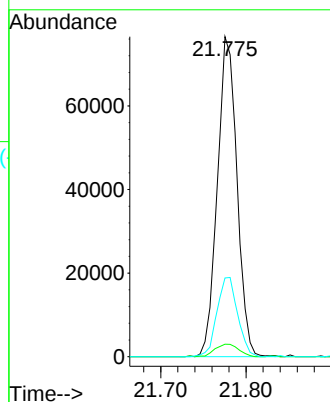
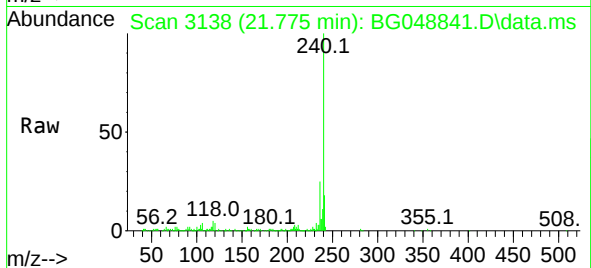
236 24.6 21.8 32.6

Instrument :

BNA_G

ClientSampled :

S-4



#79

Terphenyl-d14

Concen: 45.50 ng

RT: 20.095 min Scan# 2852

Delta R.T. 0.001 min

Lab File: BG048841.D

Acq: 22 Apr 2021 10:59

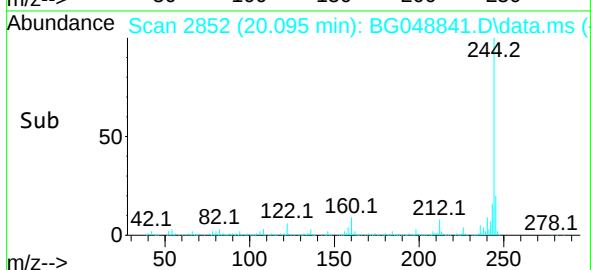
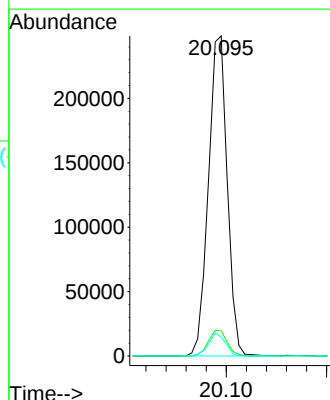
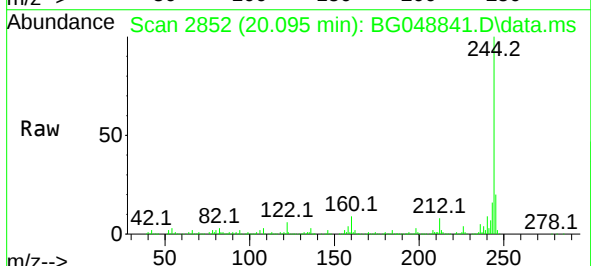
Tgt Ion:244 Resp: 323317

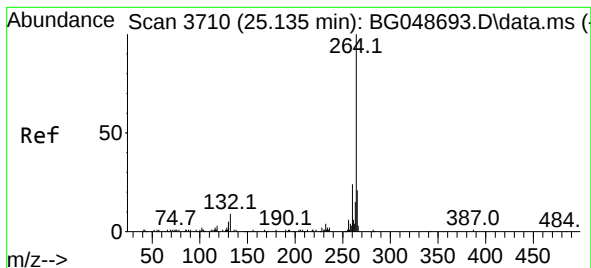
Ion Ratio Lower Upper

244 100

212 7.8 6.9 10.3

122 5.8 5.0 7.6





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.107 min Scan# 3705
 Delta R.T. -0.005 min
 Lab File: BG048841.D
 Acq: 22 Apr 2021 10:59

Instrument :
 BNA_G
 ClientSampleId :
 S-4

Tgt Ion:264 Resp: 121327
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.4 29.2
 265 21.1 16.9 25.3

