

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053123\
 Data File : BG057621.D
 Acq On : 31 May 2023 14:33
 Operator : CG/JU
 Sample : 02971-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB16

Quant Time: Jun 01 03:53:46 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG052723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 01 03:51:58 2023
 Response via : Initial Calibration

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

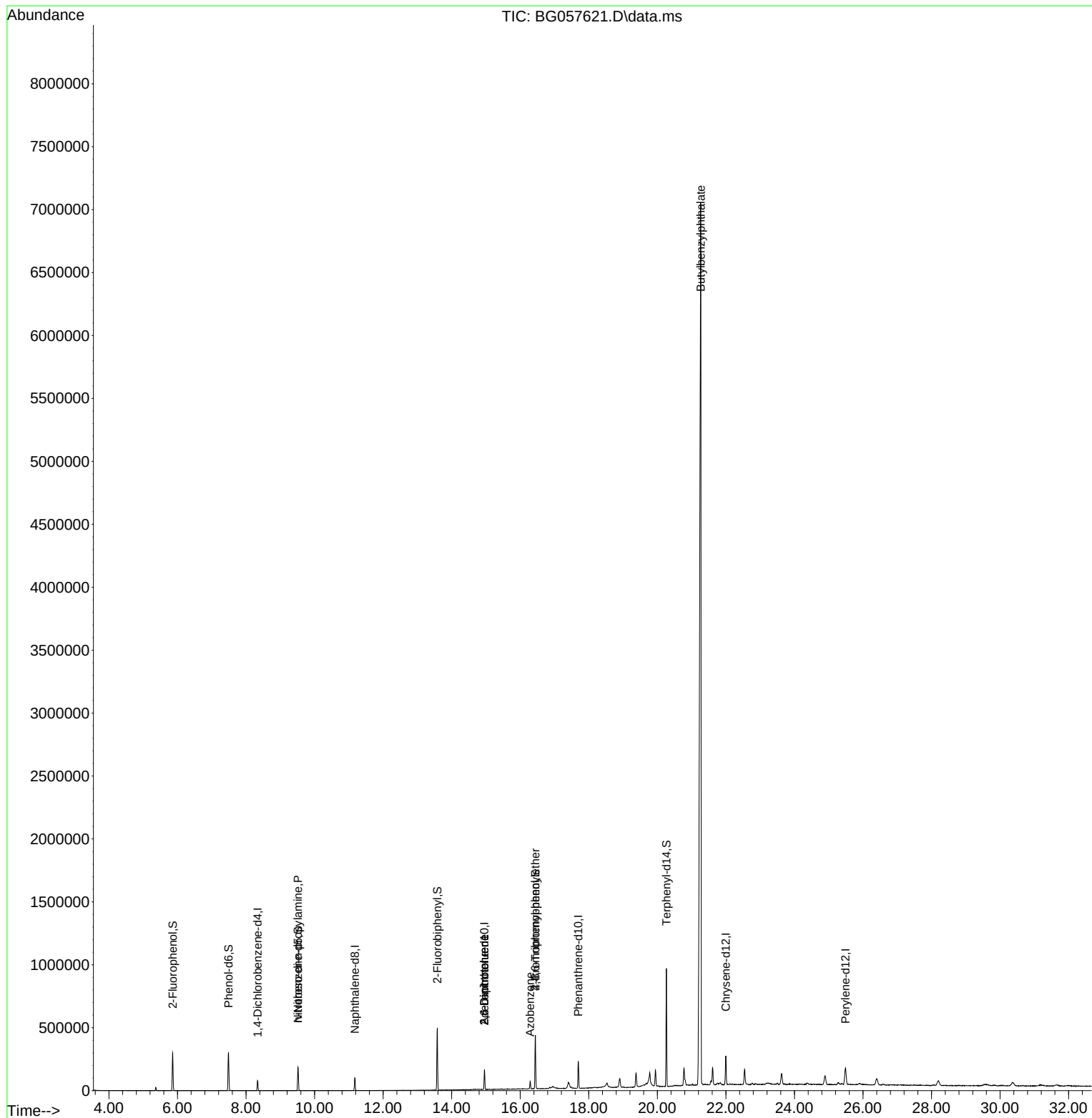
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.340	152	23154	20.000	ng	0.00
21) Naphthalene-d8	11.172	136	87819	20.000	ng	# 0.00
39) Acenaphthene-d10	14.955	164	57620	20.000	ng	0.00
64) Phenanthrene-d10	17.692	188	142330	20.000	ng	0.00
76) Chrysene-d12	21.998	240	142184	20.000	ng	0.00
86) Perylene-d12	25.488	264	156733	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.861	112	141669	106.298	ng	0.00
7) Phenol-d6	7.489	99	197884	94.875	ng	0.00
23) Nitrobenzene-d5	9.515	82	122662	65.293	ng	0.00
42) 2,4,6-Tribromophenol	16.441	330	87783	95.157	ng	0.00
45) 2-Fluorobiphenyl	13.580	172	267727	66.775	ng	0.00
79) Terphenyl-d14	20.265	244	494507	60.246	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.515	70	16396	11.315	ng	# 79
51) 2,6-Dinitrotoluene	14.955	165	7745	7.619	ng	# 27
57) 2,4-Dinitrotoluene	14.955	165	7745	5.088	ng	# 25
63) Azobenzene	16.288	77	19296	4.377	ng	# 1
67) 4-Bromophenyl-phenylether	16.441	248	6071	3.803	ng	# 1
80) Butylbenzylphthalate	21.264	149	2057094	557.927	ng	# 24

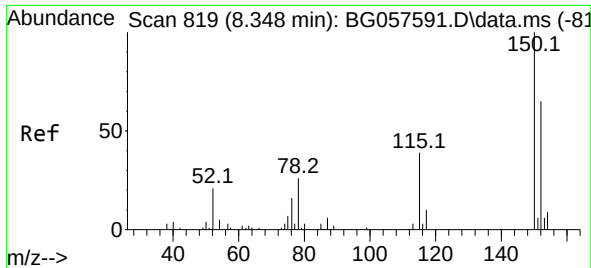
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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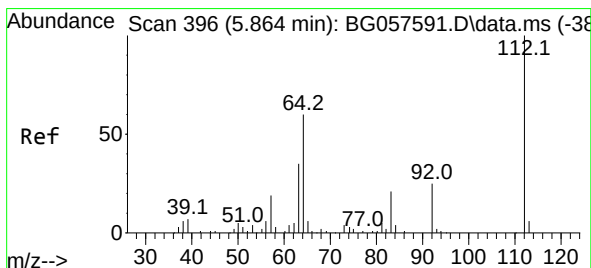
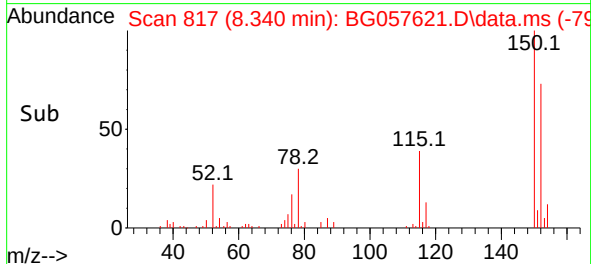
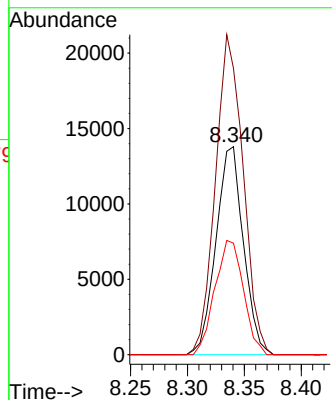
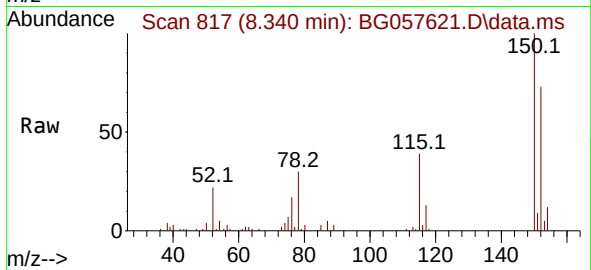




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.340 min Scan# 819
Delta R.T. 0.006 min
Lab File: BG057621.D
Acq: 31 May 2023 14:33

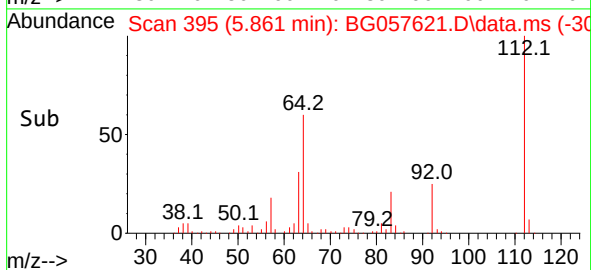
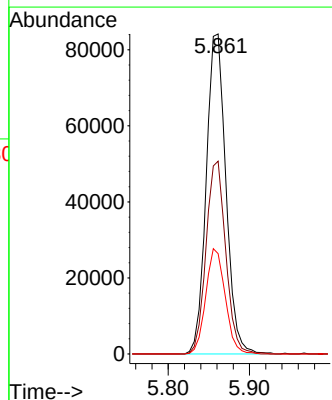
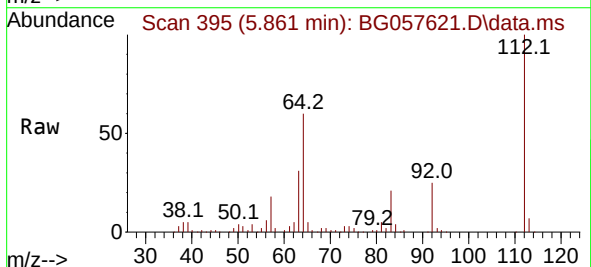
Instrument :
BNA_G
ClientSampleId :
SB16

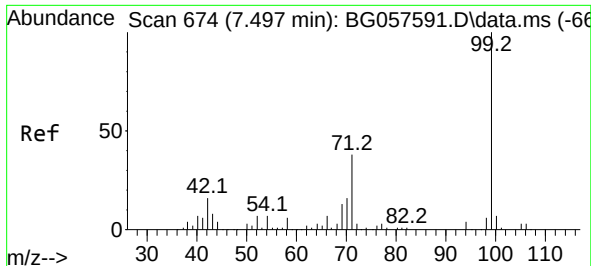
Tgt Ion:152 Resp: 23154
Ion Ratio Lower Upper
152 100
150 137.6 123.0 184.4
115 53.6 47.4 71.2



#5
2-Fluorophenol
Concen: 106.298 ng
RT: 5.861 min Scan# 395
Delta R.T. 0.007 min
Lab File: BG057621.D
Acq: 31 May 2023 14:33

Tgt Ion:112 Resp: 141669
Ion Ratio Lower Upper
112 100
64 60.3 47.8 71.6
63 31.3 27.8 41.8

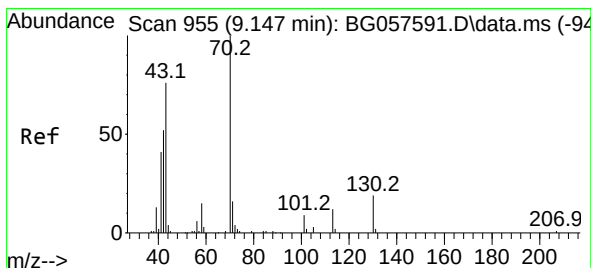
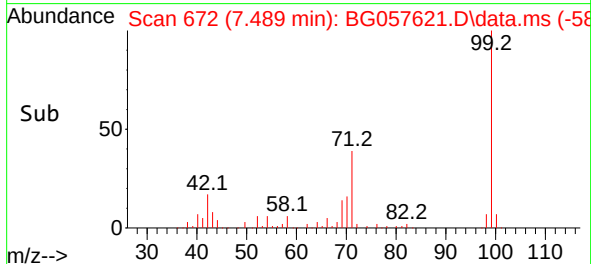
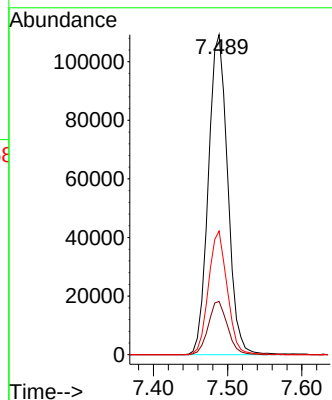
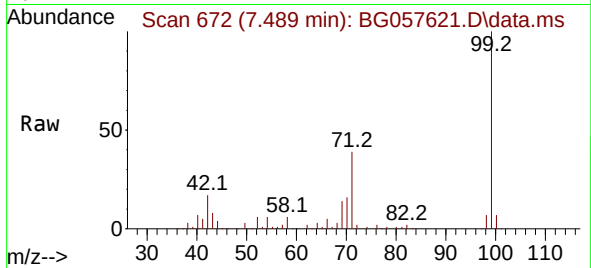




#7
Phenol-d6
Concen: 94.875 ng
RT: 7.489 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG057621.D
Acq: 31 May 2023 14:33

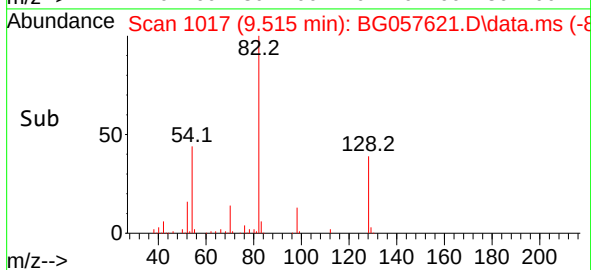
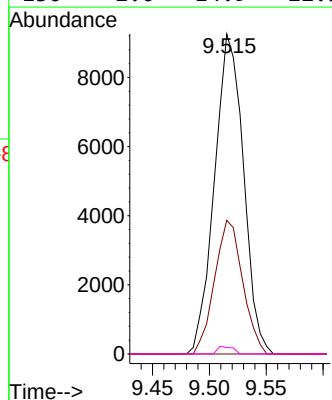
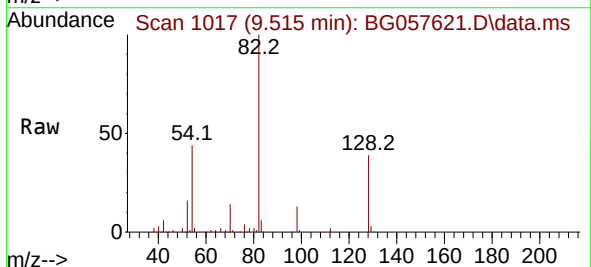
Instrument :
BNA_G
ClientSampleId :
SB16

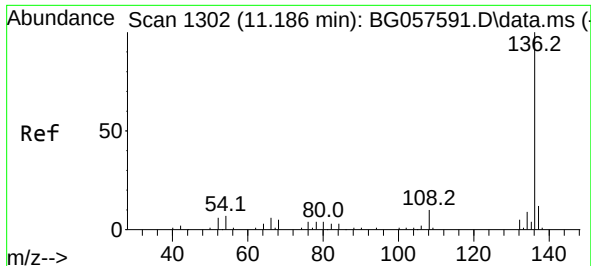
Tgt Ion: 99 Resp: 197884
Ion Ratio Lower Upper
99 100
42 16.6 12.8 19.2
71 38.6 30.3 45.5



#19
n-Nitroso-di-n-propylamine
Concen: 11.315 ng
RT: 9.515 min Scan# 1017
Delta R.T. 0.377 min
Lab File: BG057621.D
Acq: 31 May 2023 14:33

Tgt Ion: 70 Resp: 16396
Ion Ratio Lower Upper
70 100
42 41.7 41.4 62.0
101 0.0 6.9 10.3#
130 2.0 14.9 22.3#

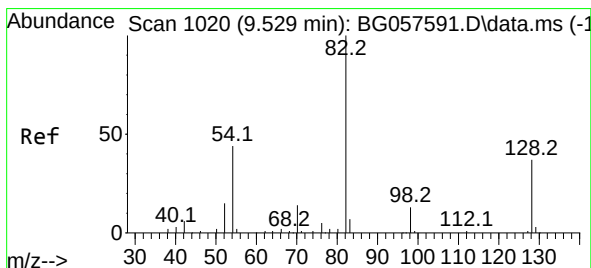
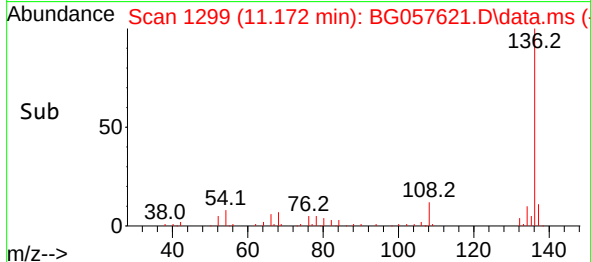
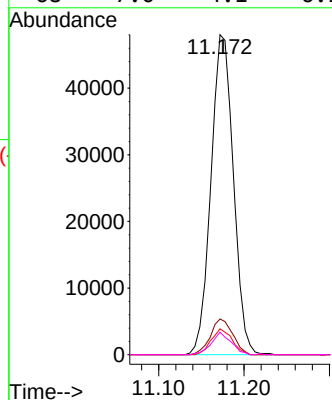
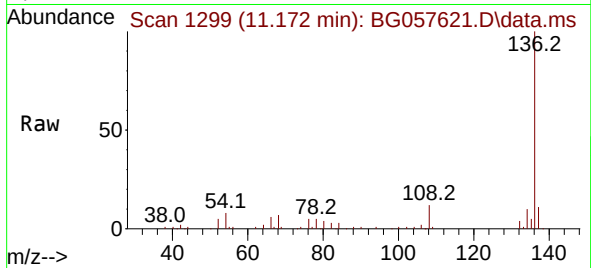




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.172 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG057621.D
Acq: 31 May 2023 14:33

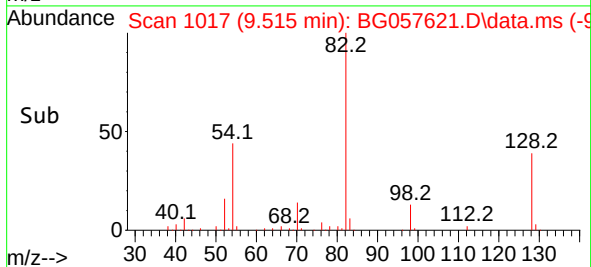
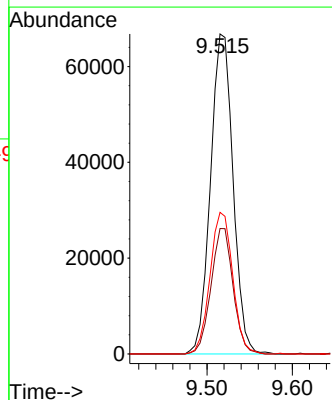
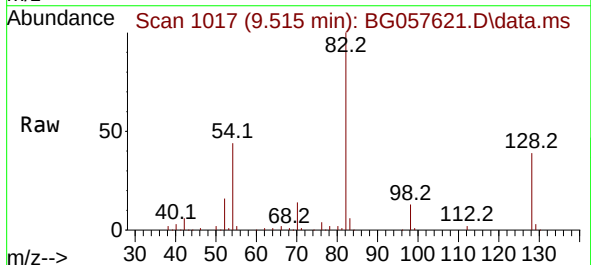
Instrument :
BNA_G
ClientSampleId :
SB16

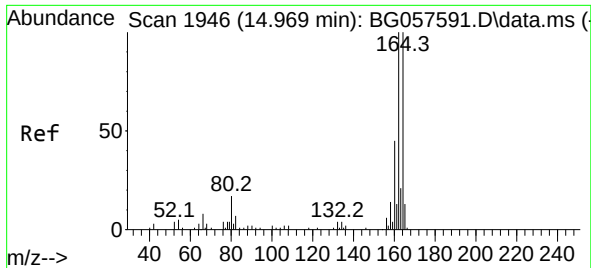
Tgt Ion:	136	Resp:	87819
Ion Ratio	Lower	Upper	
136	100		
137	11.2	9.8	14.8
54	8.1	5.8	8.6
68	7.0	4.1	6.1



#23
Nitrobenzene-d5
Concen: 65.293 ng
RT: 9.515 min Scan# 1017
Delta R.T. -0.005 min
Lab File: BG057621.D
Acq: 31 May 2023 14:33

Tgt Ion:	82	Resp:	122662
Ion Ratio	Lower	Upper	
82	100		
128	39.2	30.0	45.0
54	44.3	35.2	52.8

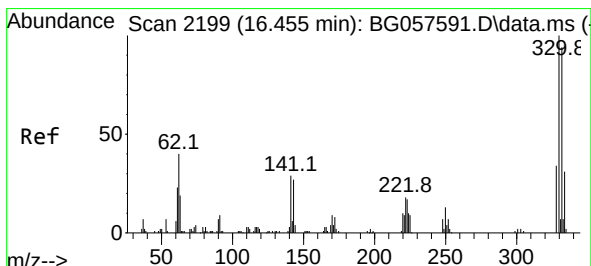
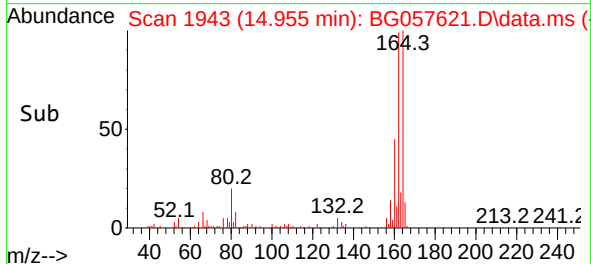
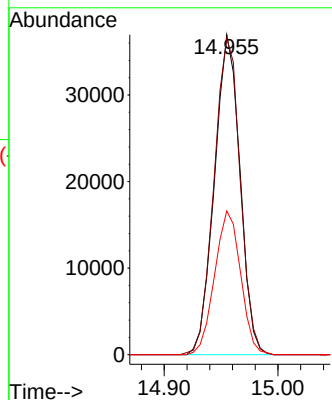
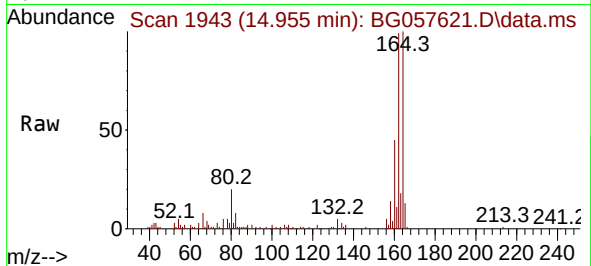




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.955 min Scan# 1943
Delta R.T. -0.005 min
Lab File: BG057621.D
Acq: 31 May 2023 14:33

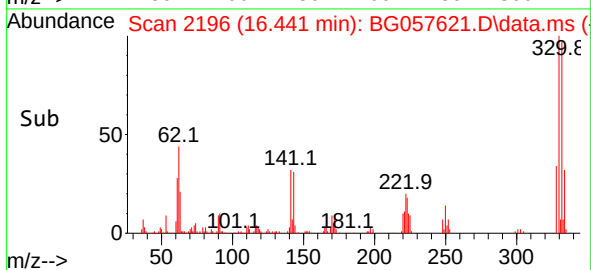
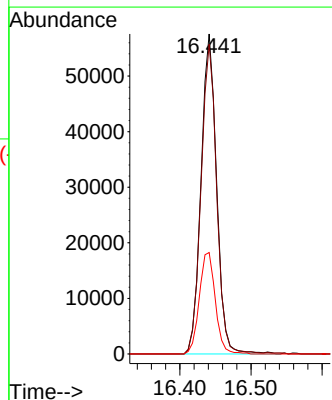
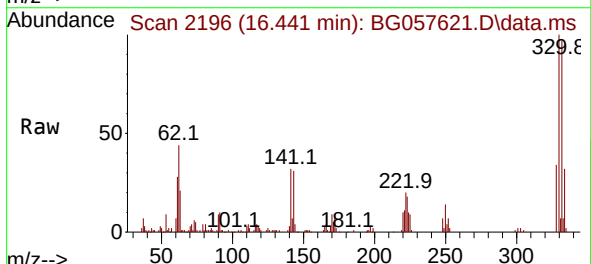
Instrument :
BNA_G
ClientSampleId :
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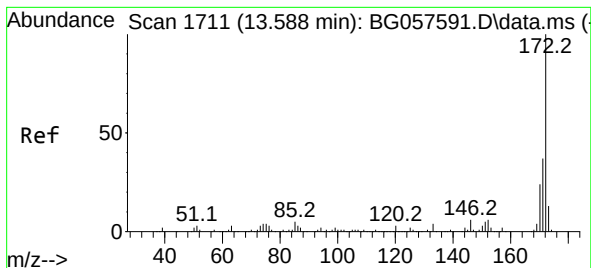
Tgt Ion:164 Resp: 57620
Ion Ratio Lower Upper
164 100
162 98.9 80.1 120.1
160 44.9 35.9 53.9



#42
2,4,6-Tribromophenol
Concen: 95.157 ng
RT: 16.441 min Scan# 2196
Delta R.T. -0.005 min
Lab File: BG057621.D
Acq: 31 May 2023 14:33

Tgt Ion:330 Resp: 87783
Ion Ratio Lower Upper
330 100
332 97.0 77.3 115.9
141 32.6 24.6 37.0

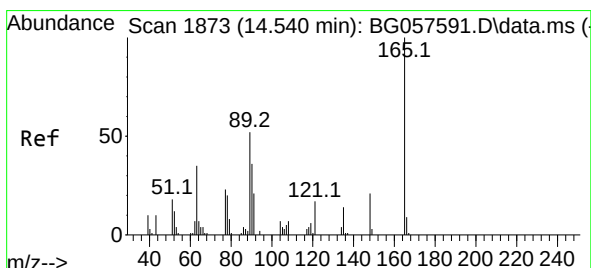
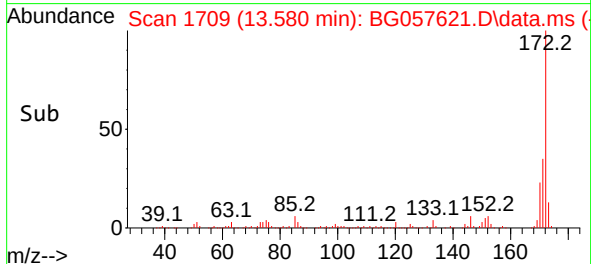
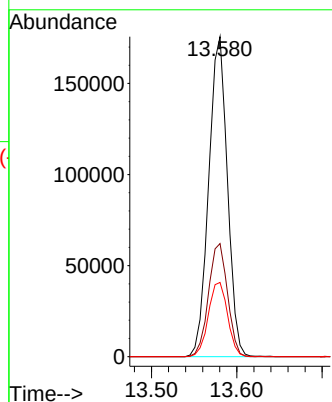
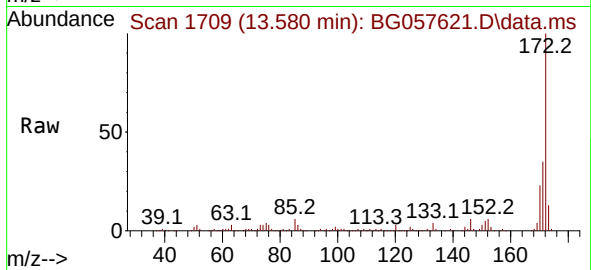




#45
2-Fluorobiphenyl
Concen: 66.775 ng
RT: 13.580 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG057621.D
Acq: 31 May 2023 14:33

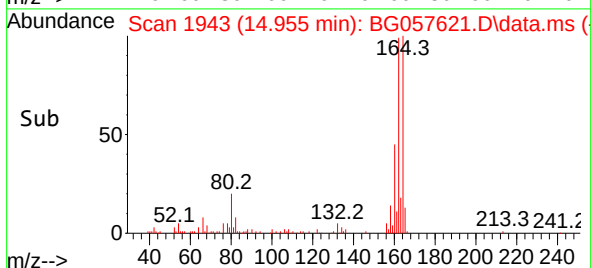
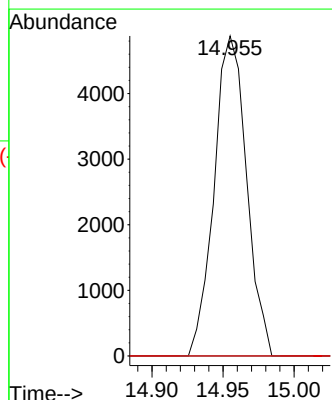
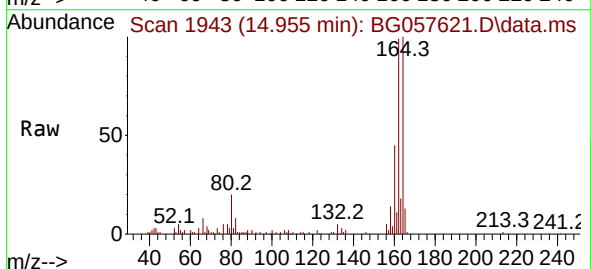
Instrument :
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ClientSampleId :
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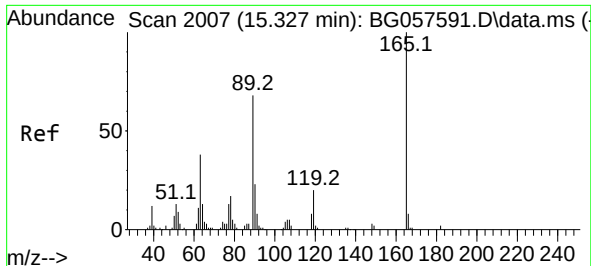
Tgt Ion:172 Resp: 267727
Ion Ratio Lower Upper
172 100
171 35.4 29.2 43.8
170 23.2 19.0 28.4



#51
2,6-Dinitrotoluene
Concen: 7.619 ng
RT: 14.955 min Scan# 1943
Delta R.T. 0.424 min
Lab File: BG057621.D
Acq: 31 May 2023 14:33

Tgt Ion:165 Resp: 7745
Ion Ratio Lower Upper
165 100
63 0.0 39.3 58.9#
89 0.0 41.5 62.3#

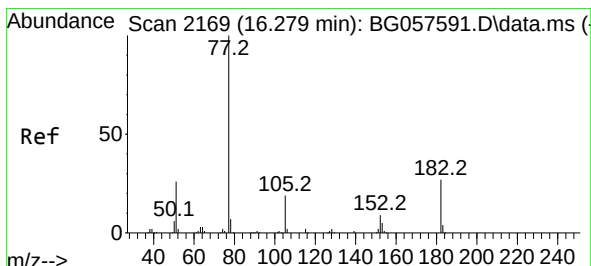
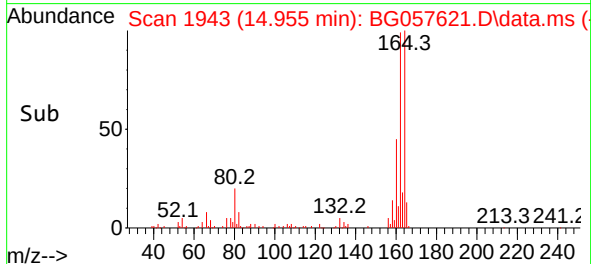
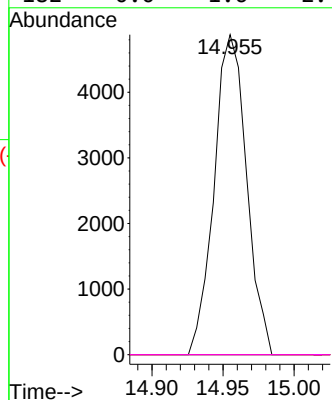
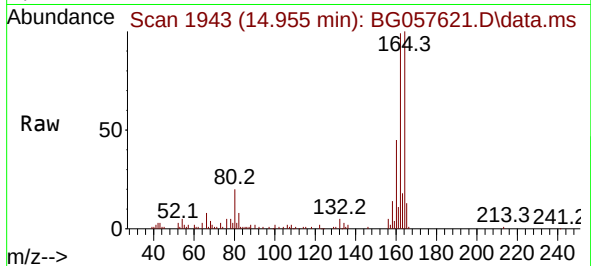




#57
2,4-Dinitrotoluene
Concen: 5.088 ng
RT: 14.955 min Scan# 14
Delta R.T. -0.369 min
Lab File: BG057621.D
Acq: 31 May 2023 14:33

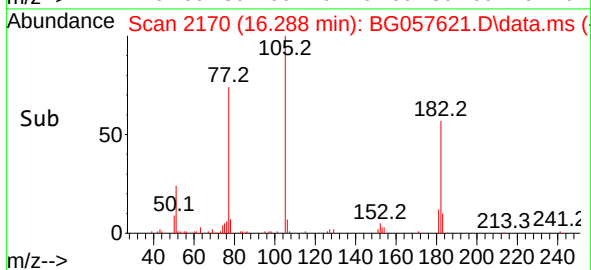
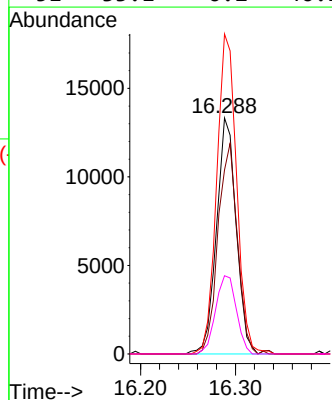
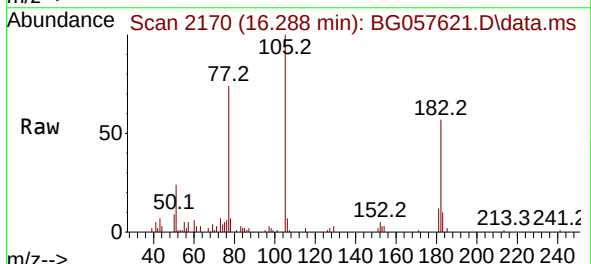
Instrument :
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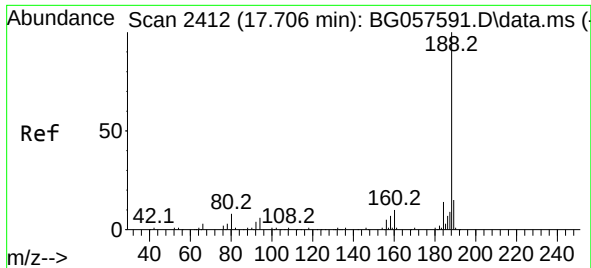
Tgt Ion:165 Resp: 7745
Ion Ratio Lower Upper
165 100
63 0.0 30.6 45.8#
89 0.0 54.2 81.2#
182 0.0 1.6 2.4#



#63
Azobenzene
Concen: 4.377 ng
RT: 16.288 min Scan# 2170
Delta R.T. 0.018 min
Lab File: BG057621.D
Acq: 31 May 2023 14:33

Tgt Ion: 77 Resp: 19296
Ion Ratio Lower Upper
77 100
182 77.9 7.4 47.4#
105 135.6 0.0 39.4#
51 33.1 6.2 46.2

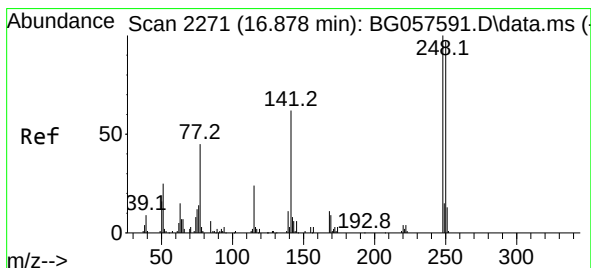
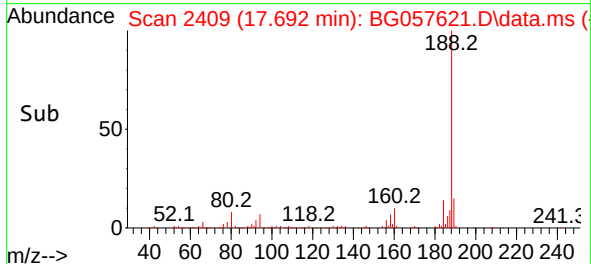
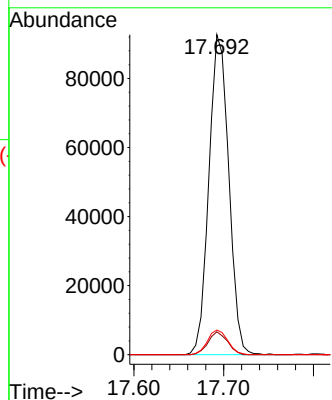
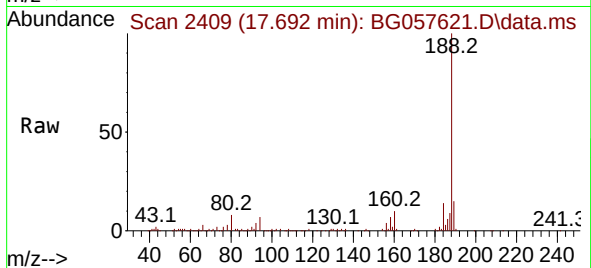




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.692 min Scan# 2412
Delta R.T. -0.005 min
Lab File: BG057621.D
Acq: 31 May 2023 14:33

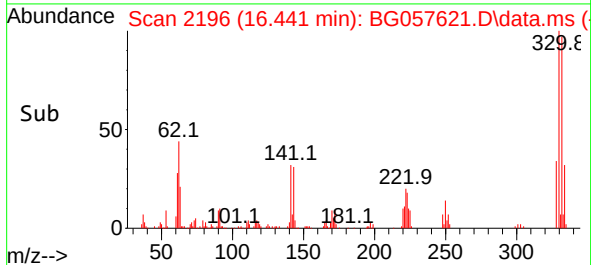
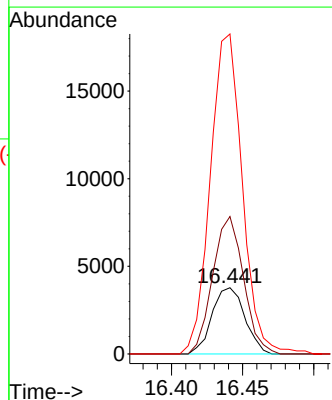
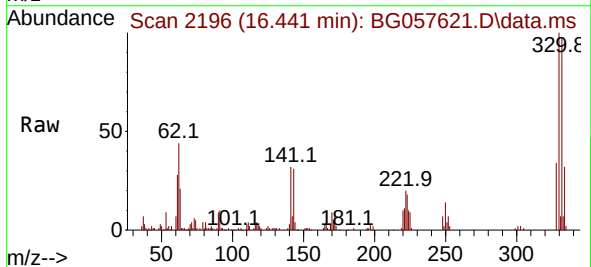
Instrument :
BNA_G
ClientSampleId :
SB16

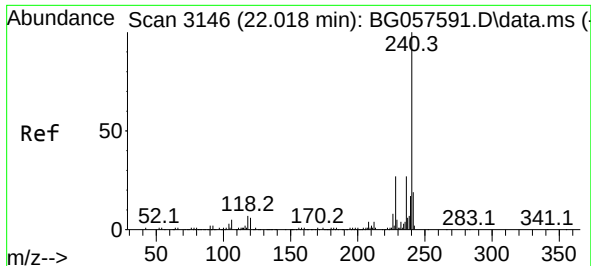
Tgt Ion:188 Resp: 142330
Ion Ratio Lower Upper
188 100
94 7.1 5.2 7.8
80 7.7 6.7 10.1



#67
4-Bromophenyl-phenylether
Concen: 3.803 ng
RT: 16.441 min Scan# 2196
Delta R.T. -0.428 min
Lab File: BG057621.D
Acq: 31 May 2023 14:33

Tgt Ion:248 Resp: 6071
Ion Ratio Lower Upper
248 100
250 207.6 77.4 116.2#
141 483.4 49.4 74.0#

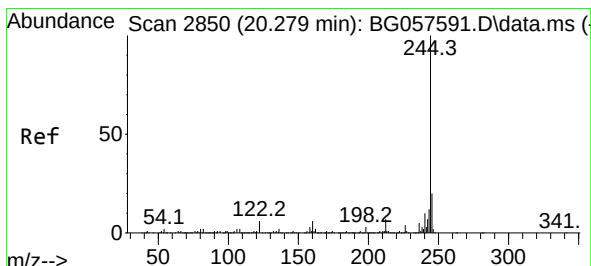
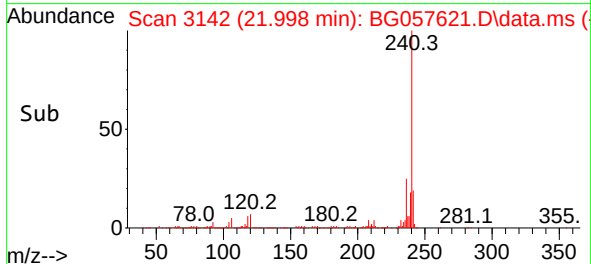
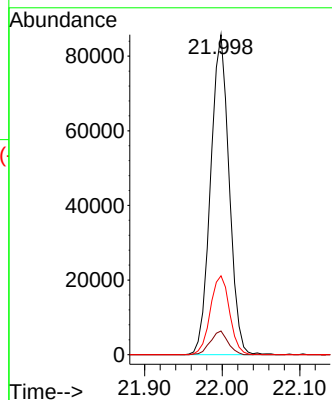
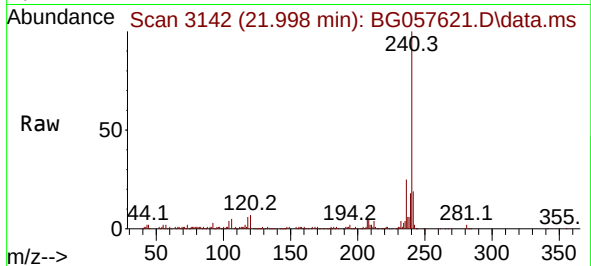




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.998 min Scan# 31
Delta R.T. -0.005 min
Lab File: BG057621.D
Acq: 31 May 2023 14:33

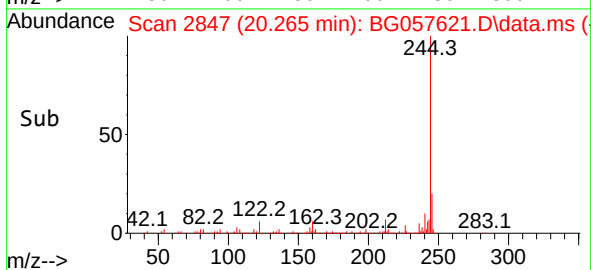
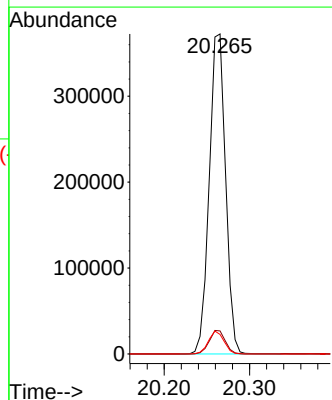
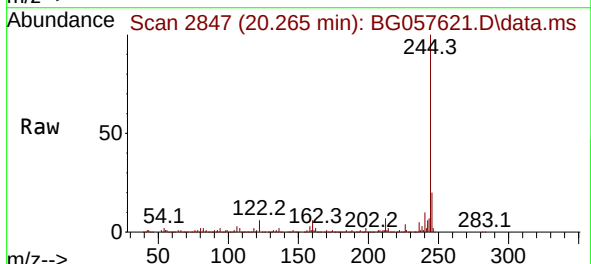
Instrument :
BNA_G
ClientSampleId :
SB16

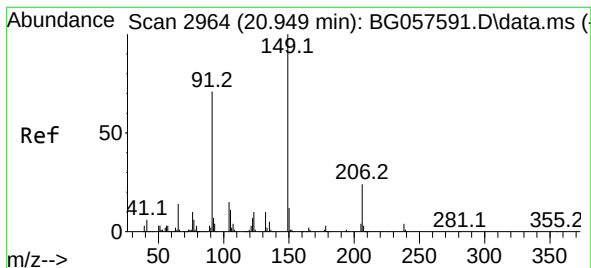
Tgt Ion:240 Resp: 142184
Ion Ratio Lower Upper
240 100
120 7.4 5.2 7.8
236 24.7 21.4 32.0



#79
Terphenyl-d14
Concen: 60.246 ng
RT: 20.265 min Scan# 2847
Delta R.T. 0.001 min
Lab File: BG057621.D
Acq: 31 May 2023 14:33

Tgt Ion:244 Resp: 494507
Ion Ratio Lower Upper
244 100
212 7.2 5.6 8.4
122 6.1 4.8 7.2





#80

Butylbenzylphthalate

Concen: 557.927 ng

RT: 21.264 min Scan# 3017

Delta R.T. 0.324 min

Lab File: BG057621.D

Acq: 31 May 2023 14:33

Instrument :

BNA_G

ClientSampleId :

SB16

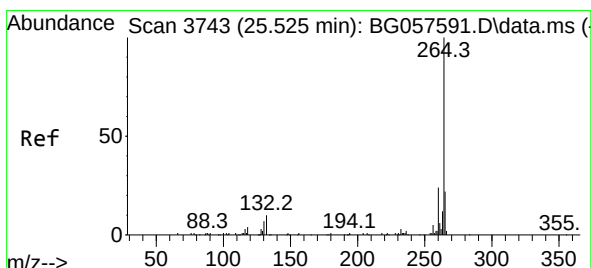
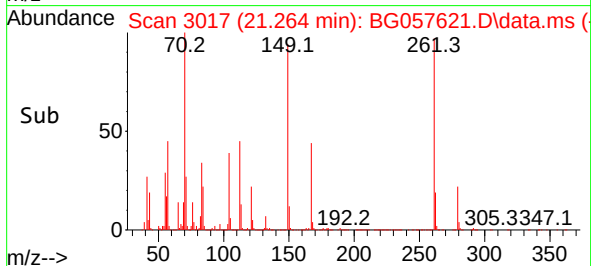
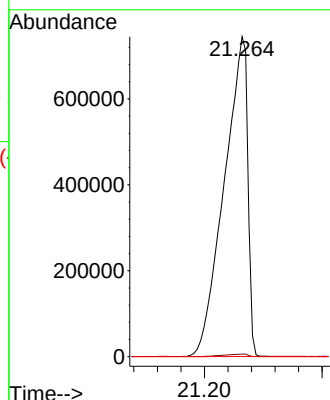
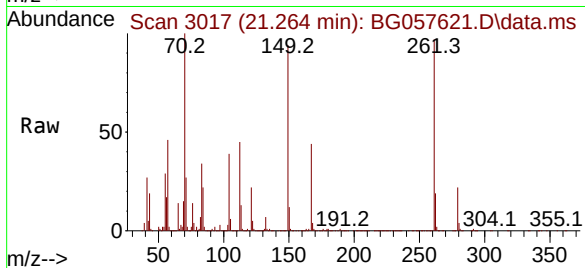
Tgt Ion:149 Resp: 2057094

Ion Ratio Lower Upper

149 100

91 0.8 57.0 85.6#

206 0.1 19.4 29.2#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.488 min Scan# 3736

Delta R.T. -0.011 min

Lab File: BG057621.D

Acq: 31 May 2023 14:33

Tgt Ion:264 Resp: 156733

Ion Ratio Lower Upper

264 100

260 22.8 19.1 28.7

265 21.3 17.7 26.5

