

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061022\
 Data File : BG053881.D
 Acq On : 10 Jun 2022 18:56
 Operator : CG/JU
 Sample : N3299-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SC-16

Quant Time: Jun 11 02:05:04 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 02 23:22:27 2022
 Response via : Initial Calibration

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

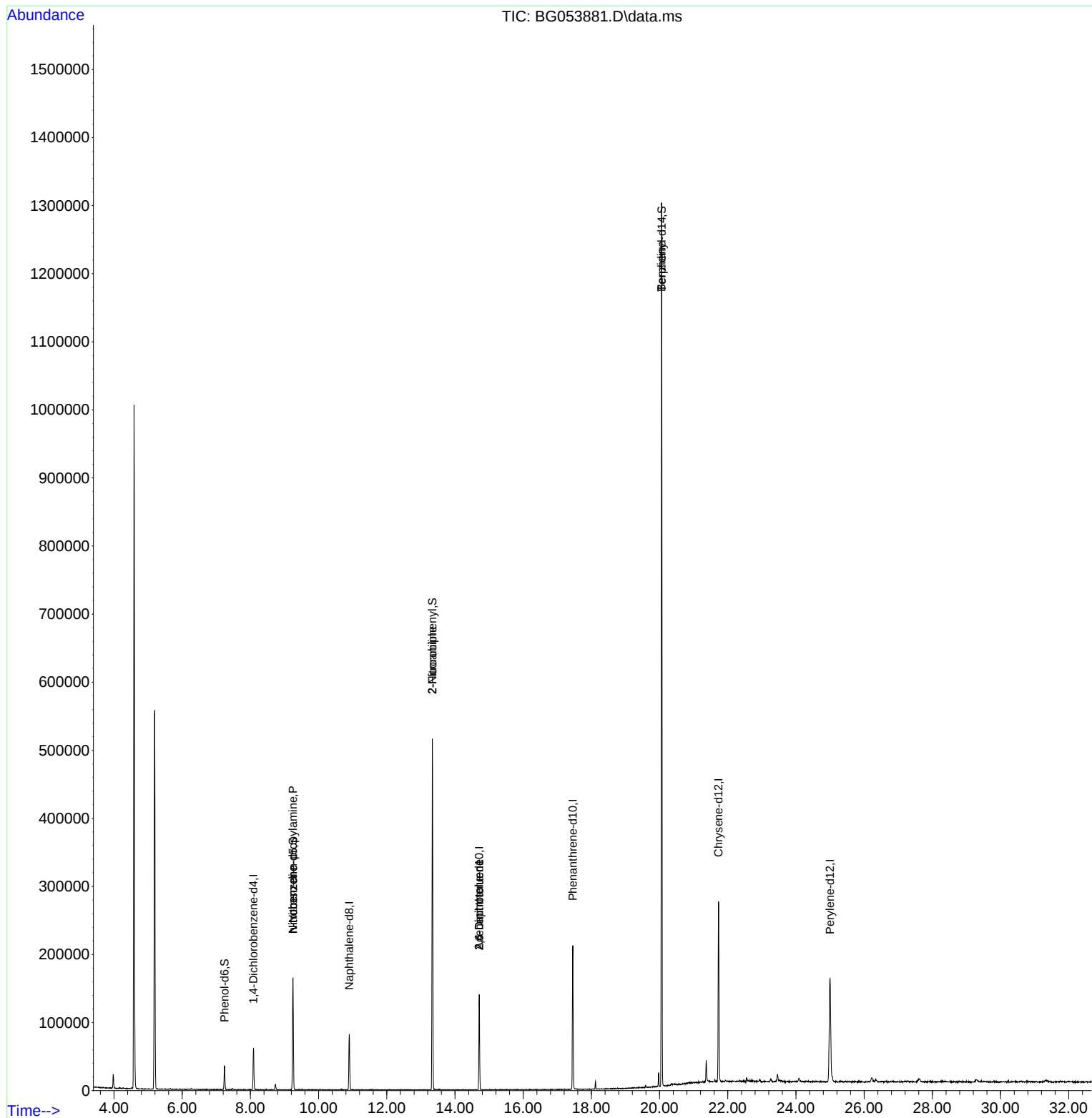
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.089	152	19311	20.00	ng	0.00
21) Naphthalene-d8	10.898	136	74913	20.00	ng	0.00
39) Acenaphthene-d10	14.711	164	55781	20.00	ng	0.00
64) Phenanthrene-d10	17.455	188	154746	20.00	ng	# 0.00
76) Chrysene-d12	21.726	240	192433	20.00	ng	0.00
86) Perylene-d12	24.999	264	194585	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.651	112	669	0.64	ng	0.00
7) Phenol-d6	7.243	99	22516	15.81	ng	0.00
23) Nitrobenzene-d5	9.247	82	104594	91.69	ng	0.00
42) 2,4,6-Tribromophenol	0.000	330	0	0.00	ng	
45) 2-Fluorobiphenyl	13.336	172	298306	80.00	ng	0.00
79) Terphenyl-d14	20.063	244	772663	79.88	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.247	70	13767	13.65	ng	# 81
24) Nitrobenzene	9.247	77	252	3.16	ng	# 48
48) 2-Nitroaniline	13.336	65	387	5.48	ng	# 1
51) 2,6-Dinitrotoluene	14.711	165	7557	13.48	ng	# 16
57) 2,4-Dinitrotoluene	14.711	165	7557	11.27	ng	# 21
77) Benzidine	20.058	184	9700	2.06	ng	# 93

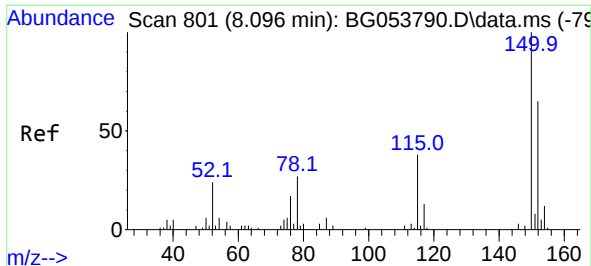
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061022\
Data File : BG053881.D
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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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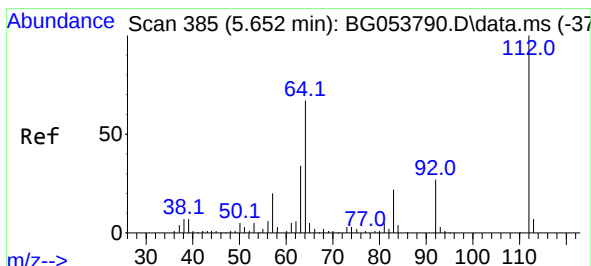
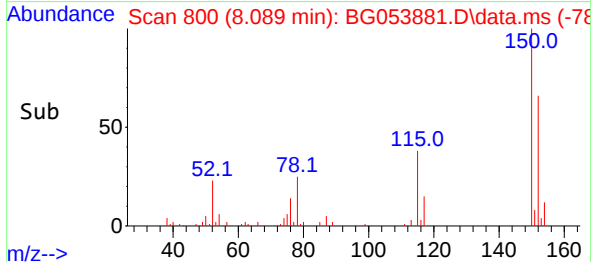
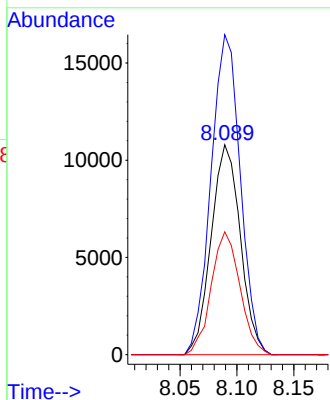
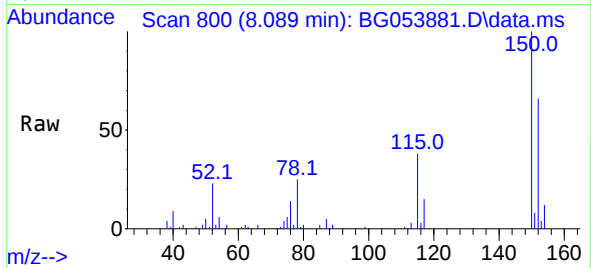




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.089 min Scan# 801
Delta R.T. -0.007 min
Lab File: BG053881.D
Acq: 10 Jun 2022 18:56

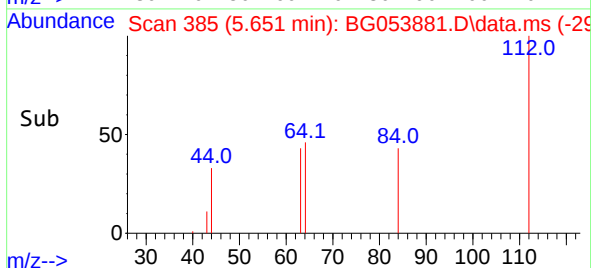
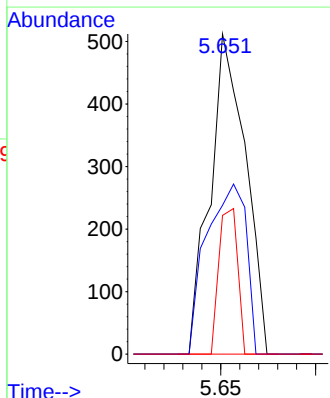
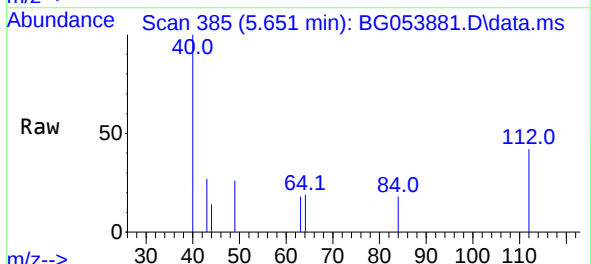
Instrument :
BNA_G
ClientSampleId :
SC-16

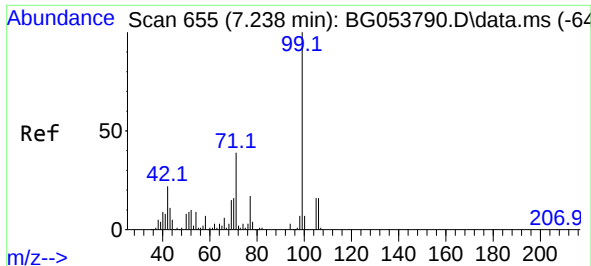
Tgt Ion:152 Resp: 19311
Ion Ratio Lower Upper
152 100
150 152.4 131.6 197.4
115 58.5 50.9 76.3



#5
2-Fluorophenol
Concen: 0.64 ng
RT: 5.651 min Scan# 385
Delta R.T. -0.001 min
Lab File: BG053881.D
Acq: 10 Jun 2022 18:56

Tgt Ion:112 Resp: 669
Ion Ratio Lower Upper
112 100
64 46.5 55.1 82.7#
63 43.4 30.4 45.6

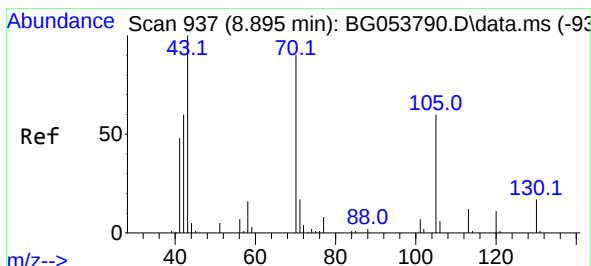
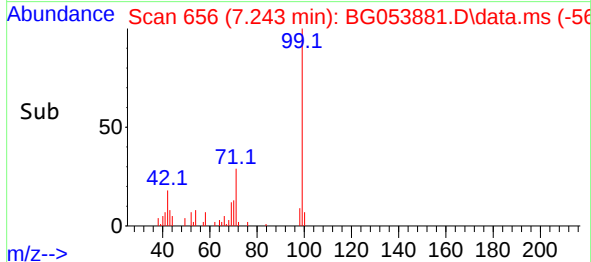
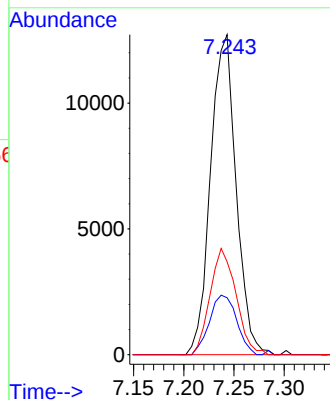
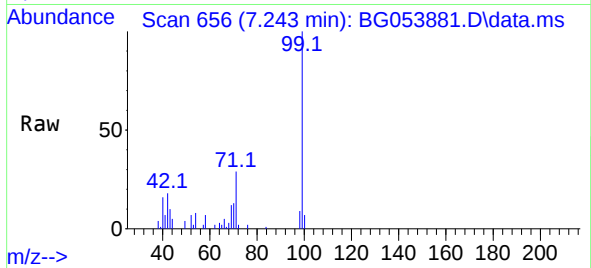




#7
Phenol-d6
Concen: 15.81 ng
RT: 7.243 min Scan# 61
Delta R.T. 0.005 min
Lab File: BG053881.D
Acq: 10 Jun 2022 18:56

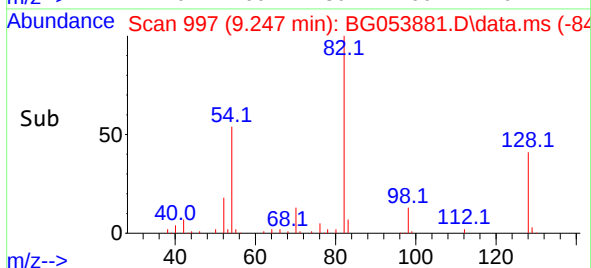
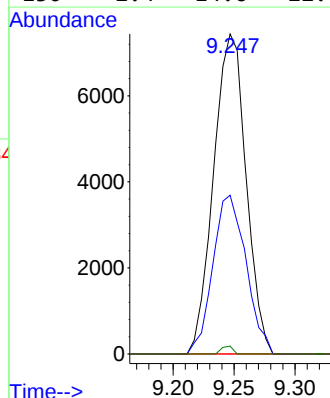
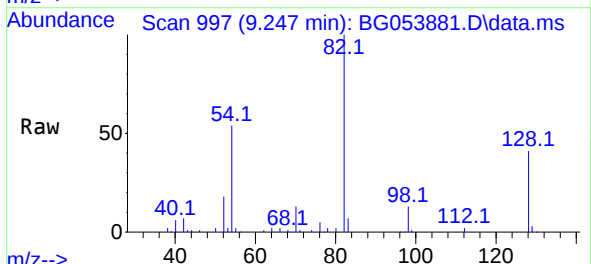
Instrument :
BNA_G
ClientSampleId :
SC-16

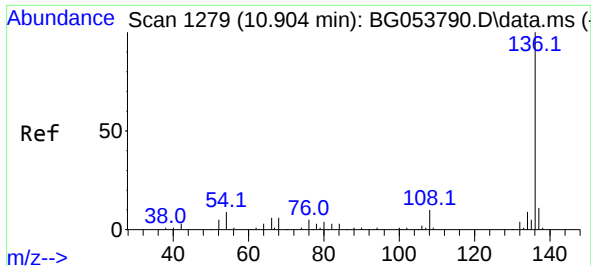
Tgt Ion: 99 Resp: 22516
Ion Ratio Lower Upper
99 100
42 17.8 17.0 25.6
71 29.1 33.8 50.8#



#19
n-Nitroso-di-n-propylamine
Concen: 13.65 ng
RT: 9.247 min Scan# 997
Delta R.T. 0.352 min
Lab File: BG053881.D
Acq: 10 Jun 2022 18:56

Tgt Ion: 70 Resp: 13767
Ion Ratio Lower Upper
70 100
42 49.6 47.3 70.9
101 0.0 7.0 10.4#
130 2.4 14.6 22.0#

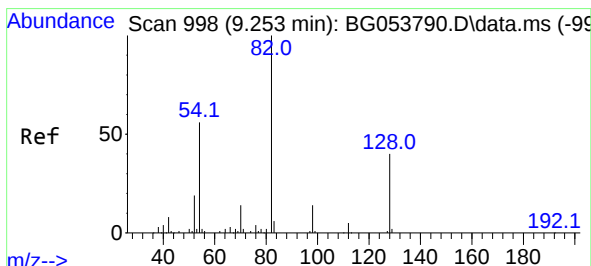
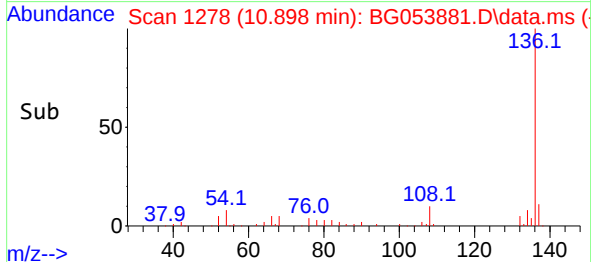
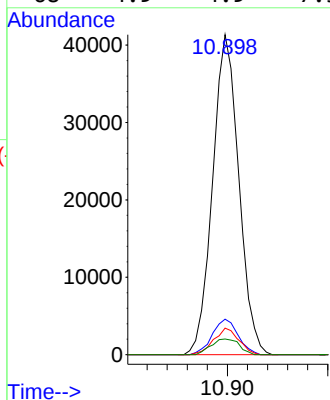
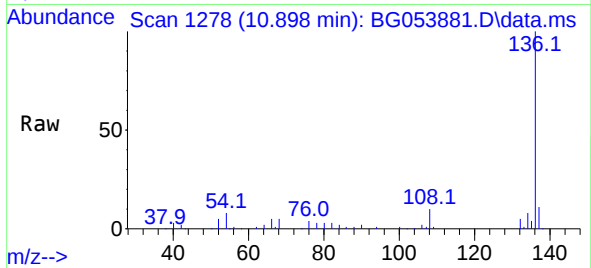




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.898 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG053881.D
Acq: 10 Jun 2022 18:56

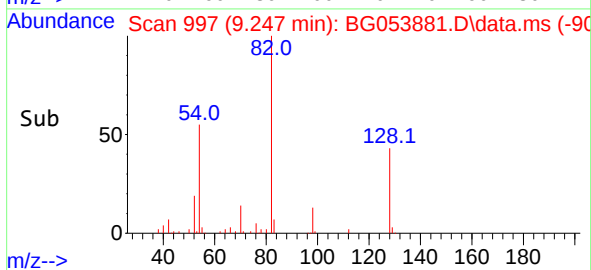
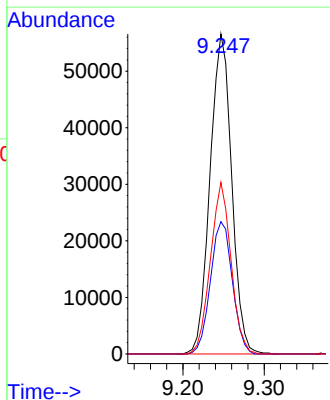
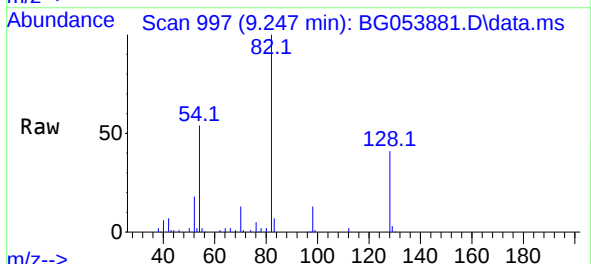
Instrument :
BNA_G
ClientSampleId :
SC-16

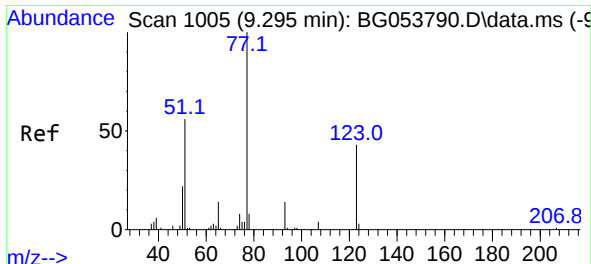
Tgt Ion:	136	Resp:	74913
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.5	12.7
54	8.3	7.4	11.2
68	4.9	4.9	7.3



#23
Nitrobenzene-d5
Concen: 91.69 ng
RT: 9.247 min Scan# 997
Delta R.T. -0.006 min
Lab File: BG053881.D
Acq: 10 Jun 2022 18:56

Tgt Ion:	82	Resp:	104594
Ion Ratio	Lower	Upper	
82	100		
128	41.4	27.9	41.9
54	53.6	41.2	61.8

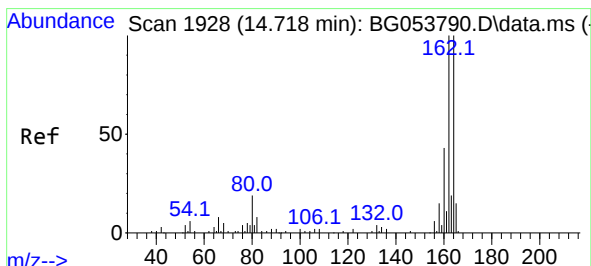
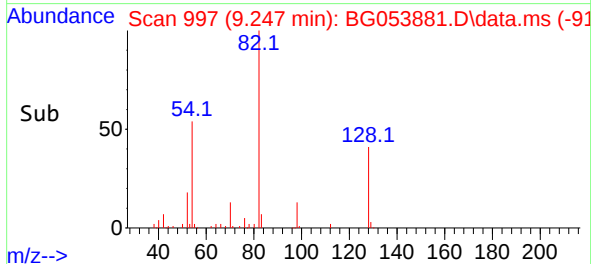
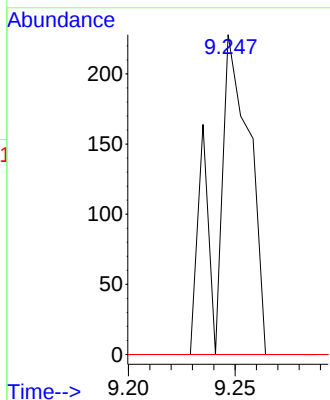
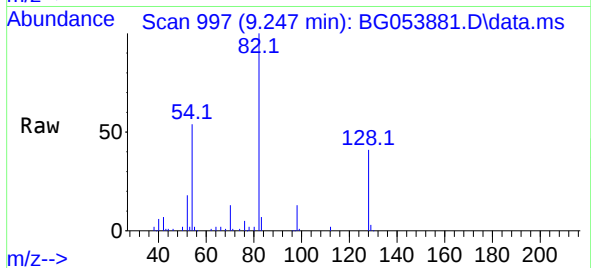




#24
Nitrobenzene
Concen: 3.16 ng
RT: 9.247 min Scan# 91
Delta R.T. -0.048 min
Lab File: BG053881.D
Acq: 10 Jun 2022 18:56

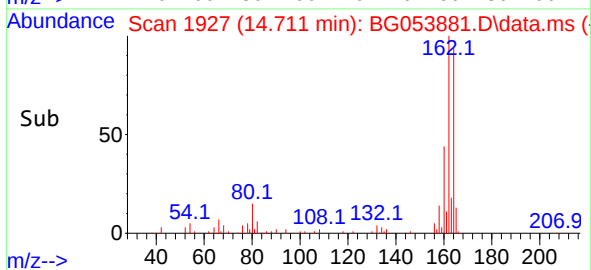
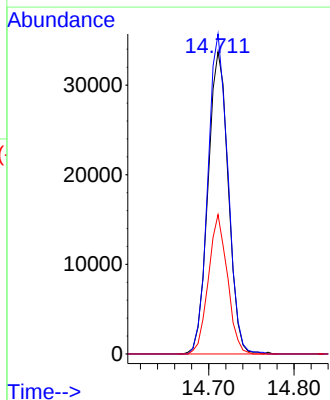
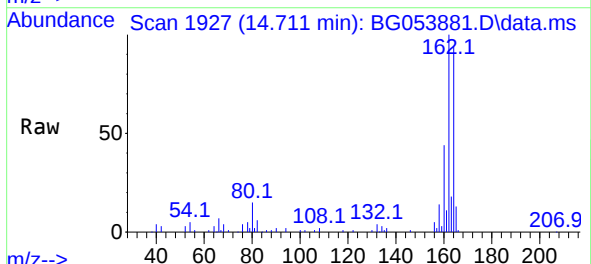
Instrument :
BNA_G
ClientSampleId :
SC-16

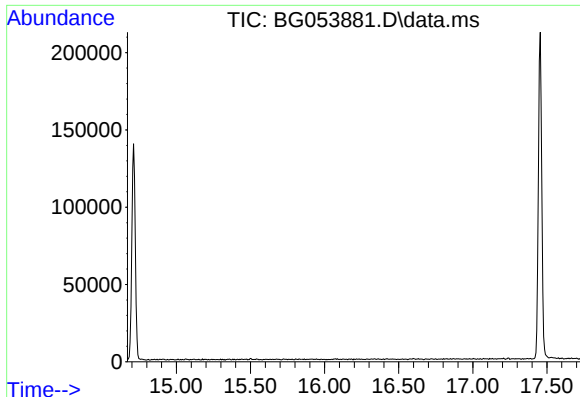
Tgt Ion: 77 Resp: 252
Ion Ratio Lower Upper
77 100
123 0.0 27.4 41.0#
65 0.0 11.4 17.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.711 min Scan# 1927
Delta R.T. -0.007 min
Lab File: BG053881.D
Acq: 10 Jun 2022 18:56

Tgt Ion: 164 Resp: 55781
Ion Ratio Lower Upper
164 100
162 105.9 82.3 123.5
160 46.1 34.2 51.2

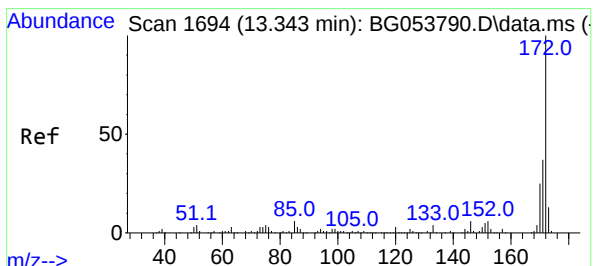
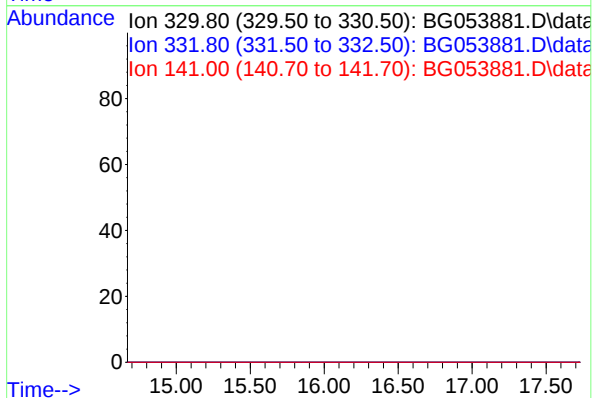




#42
2,4,6-Tribromophenol
Concen: 0.00 ng
Expected RT: 16.20 min
Lab File: BG053881.D
Acq: 10 Jun 2022 18:56

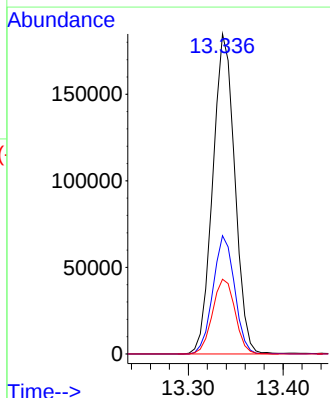
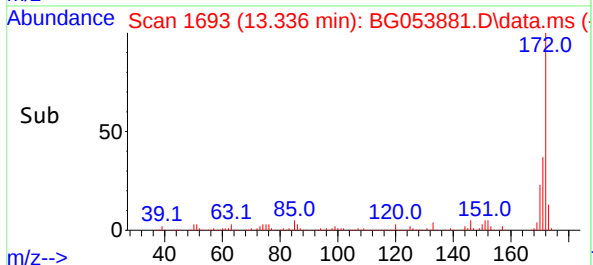
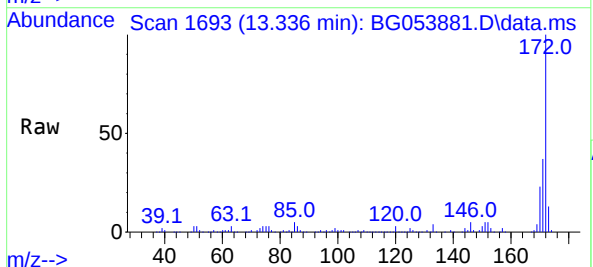
Instrument :
BNA_G
ClientSampleId :
SC-16

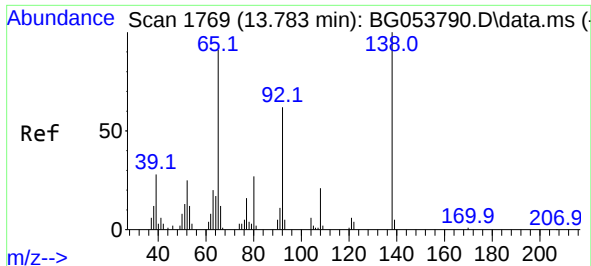
Tgt Ion: 330
Sig Exp Ratio
330 100
332 95.0
141 33.9



#45
2-Fluorobiphenyl
Concen: 80.00 ng
RT: 13.336 min Scan# 1693
Delta R.T. -0.007 min
Lab File: BG053881.D
Acq: 10 Jun 2022 18:56

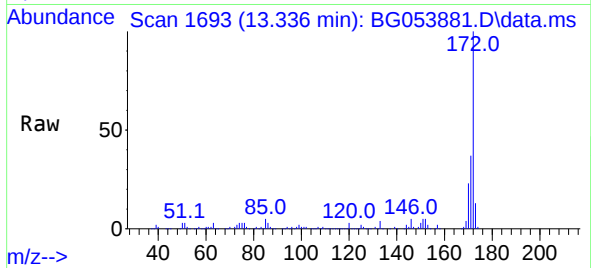
Tgt Ion: 172 Resp: 298306
Ion Ratio Lower Upper
172 100
171 37.0 28.5 42.7
170 23.4 18.9 28.3



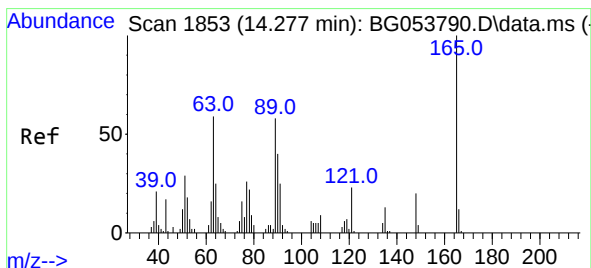
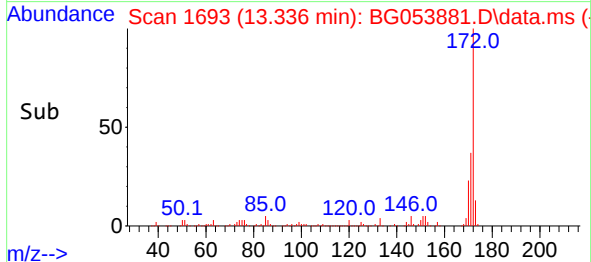
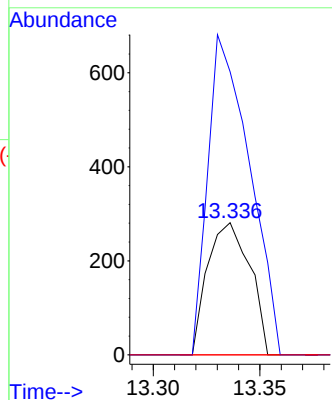


#48
2-Nitroaniline
Concen: 5.48 ng
RT: 13.336 min Scan# 1
Delta R.T. -0.447 min
Lab File: BG053881.D
Acq: 10 Jun 2022 18:56

Instrument :
BNA_G
ClientSampleId :
SC-16

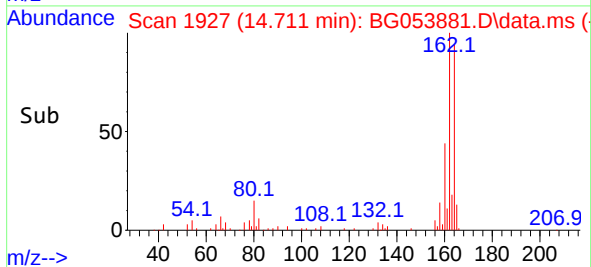
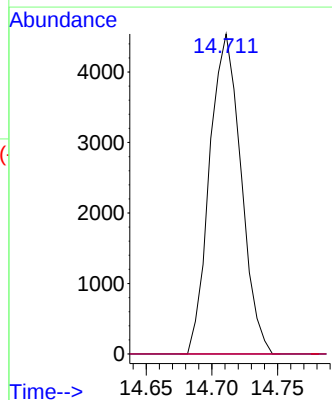
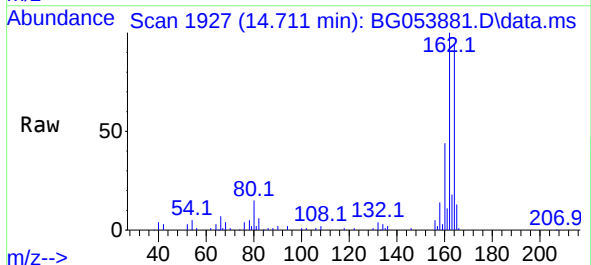


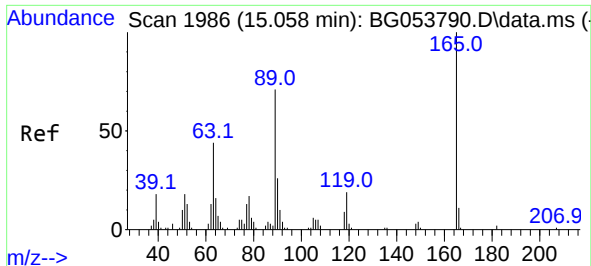
Tgt Ion: 65 Resp: 387
Ion Ratio Lower Upper
65 100
92 214.2 51.5 77.3#
138 0.0 71.3 106.9#



#51
2,6-Dinitrotoluene
Concen: 13.48 ng
RT: 14.711 min Scan# 1927
Delta R.T. 0.434 min
Lab File: BG053881.D
Acq: 10 Jun 2022 18:56

Tgt Ion:165 Resp: 7557
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#

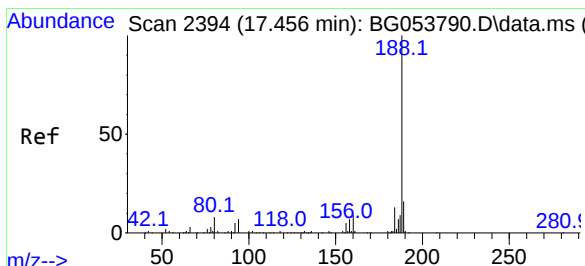
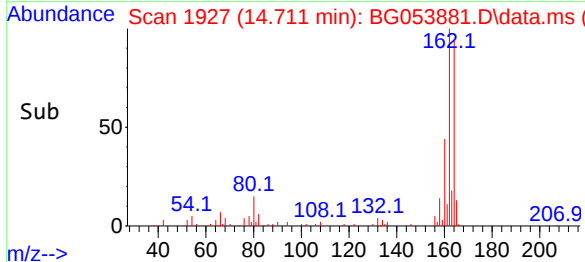
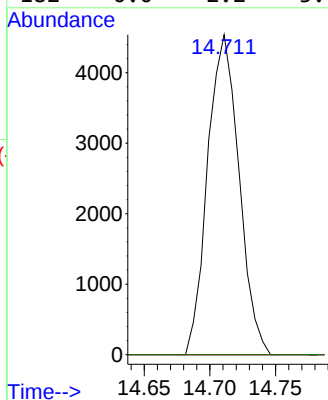
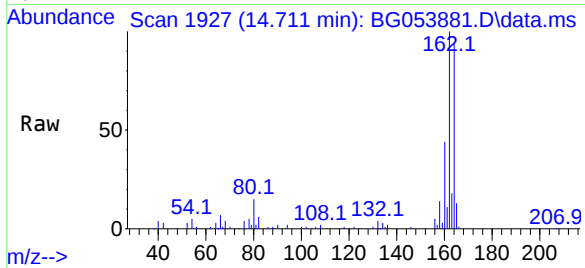




#57
2,4-Dinitrotoluene
Concen: 11.27 ng
RT: 14.711 min Scan# 1986
Delta R.T. -0.347 min
Lab File: BG053881.D
Acq: 10 Jun 2022 18:56

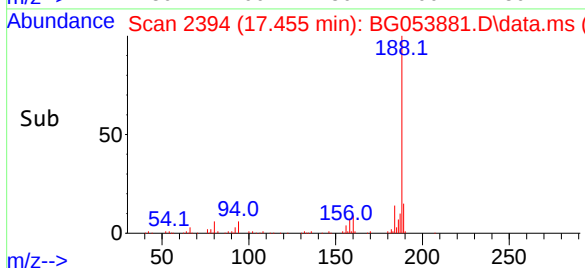
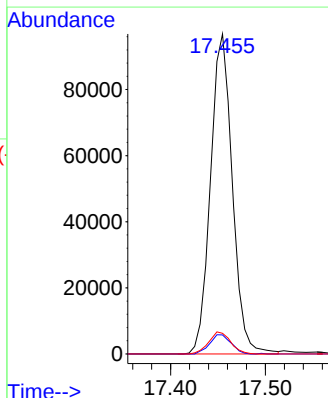
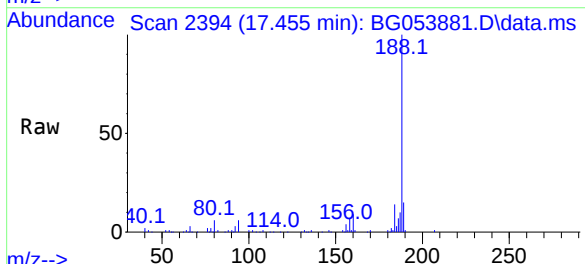
Instrument :
BNA_G
ClientSampleId :
SC-16

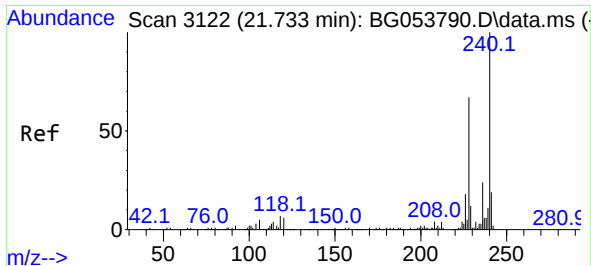
Tgt Ion:	165	Resp:	7557
Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.6	52.0#
89	0.0	60.3	90.5#
182	0.0	2.2	3.4#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.455 min Scan# 2394
Delta R.T. -0.001 min
Lab File: BG053881.D
Acq: 10 Jun 2022 18:56

Tgt Ion:	188	Resp:	154746
Ion	Ratio	Lower	Upper
188	100		
94	6.0	5.4	8.0
80	6.5	6.8	10.2#

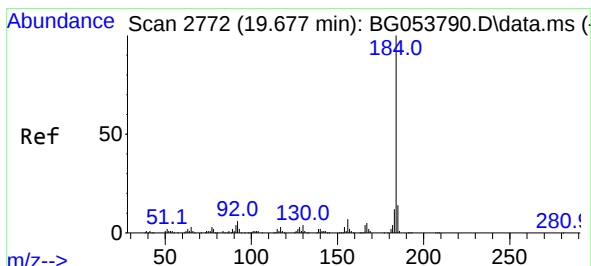
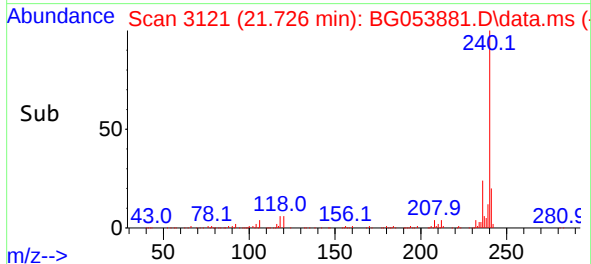
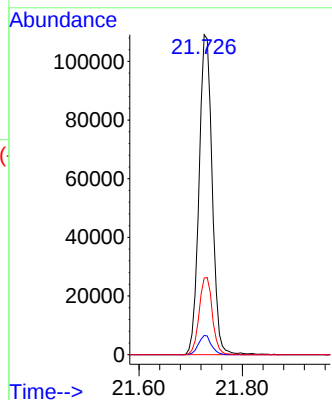
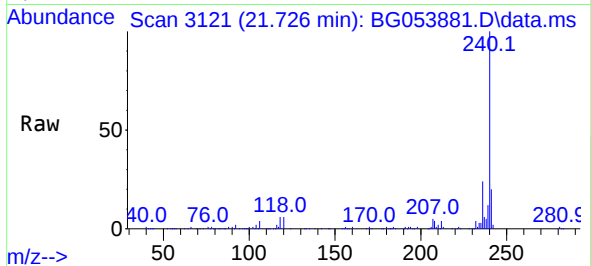




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.726 min Scan# 31
Delta R.T. -0.007 min
Lab File: BG053881.D
Acq: 10 Jun 2022 18:56

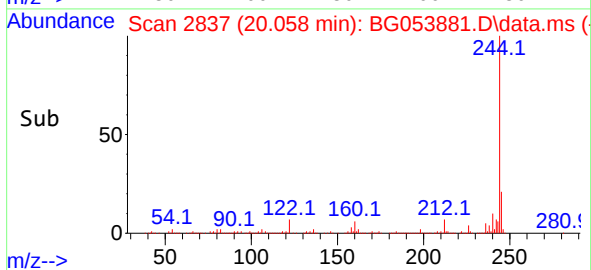
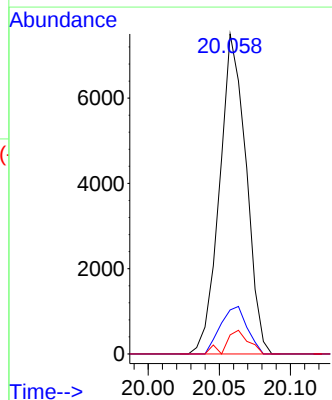
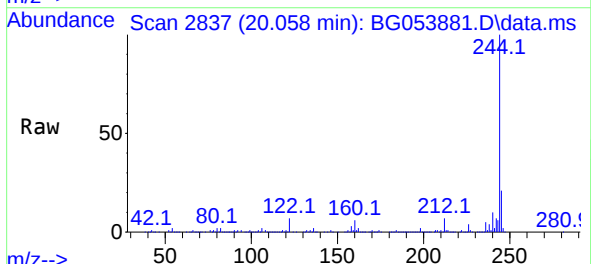
Instrument :
BNA_G
ClientSampleId :
SC-16

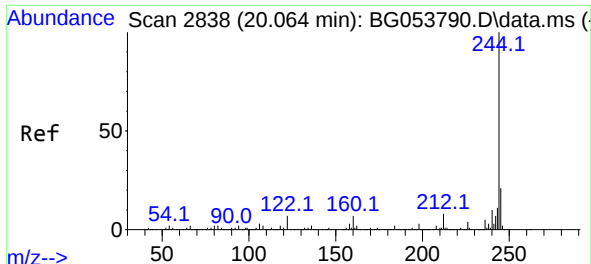
Tgt Ion:240 Resp: 192433
Ion Ratio Lower Upper
240 100
120 6.0 4.6 7.0
236 23.9 20.2 30.4



#77
Benzidine
Concen: 2.06 ng
RT: 20.058 min Scan# 2837
Delta R.T. 0.381 min
Lab File: BG053881.D
Acq: 10 Jun 2022 18:56

Tgt Ion:184 Resp: 9700
Ion Ratio Lower Upper
184 100
185 13.8 11.8 17.6
183 5.9 8.9 13.3#

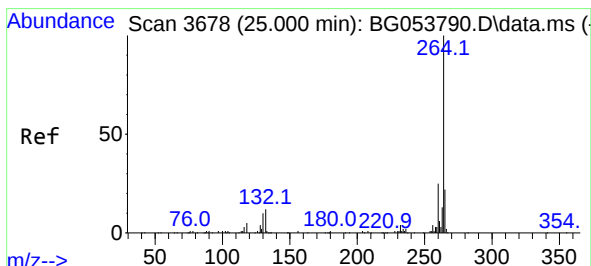
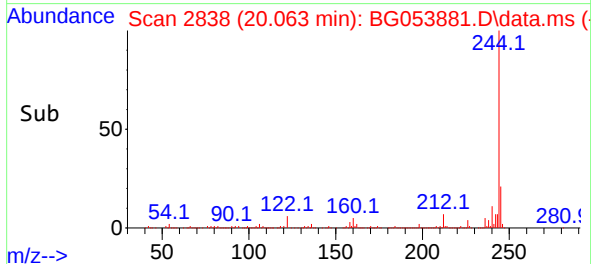
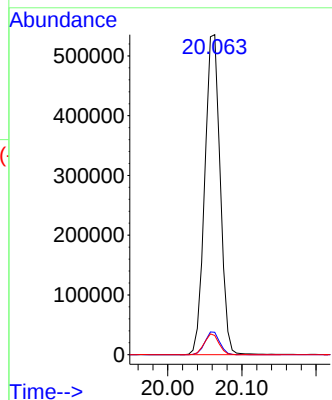
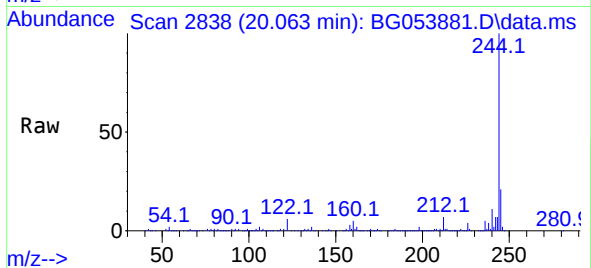




#79
 Terphenyl-d14
 Concen: 79.88 ng
 RT: 20.063 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG053881.D
 Acq: 10 Jun 2022 18:56

Instrument :
 BNA_G
 ClientSampleId :
 SC-16

Tgt Ion:244 Resp: 772663
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.5 9.7
 122 6.0 5.0 7.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.999 min Scan# 3678
 Delta R.T. -0.001 min
 Lab File: BG053881.D
 Acq: 10 Jun 2022 18:56

Tgt Ion:264 Resp: 194585
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.0 28.6
 265 20.3 17.4 26.2

