

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051322\
 Data File : BG053546.D
 Acq On : 13 May 2022 17:07
 Operator : CG/JU
 Sample : N2823-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SC-5

Quant Time: May 14 03:14:05 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 11 06:00:46 2022
 Response via : Initial Calibration

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

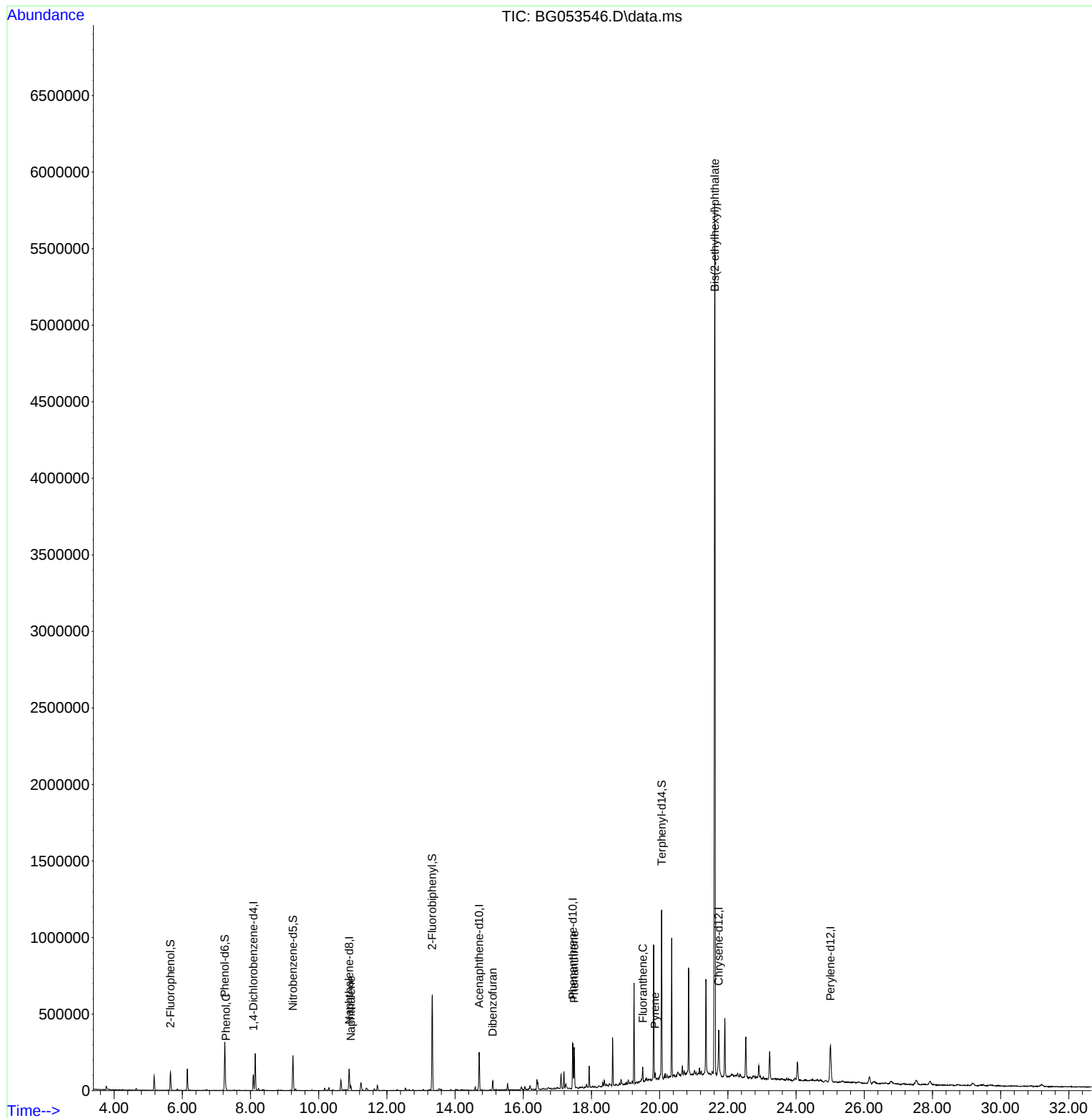
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.087	152	28190	20.000	ng	0.00
21) Naphthalene-d8	10.895	136	115208	20.000	ng	0.00
39) Acenaphthene-d10	14.708	164	86539	20.000	ng	0.00
64) Phenanthrene-d10	17.457	188	189695	20.000	ng	0.00
76) Chrysene-d12	21.734	240	185364	20.000	ng	0.00
86) Perylene-d12	25.012	264	196147	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.655	112	50344	30.309	ng	0.00
7) Phenol-d6	7.247	99	179511	71.210	ng	0.00
23) Nitrobenzene-d5	9.245	82	145754	53.855	ng	0.00
42) 2,4,6-Tribromophenol	16.200	330	1486	1.164	ng	0.00
45) 2-Fluorobiphenyl	13.333	172	336423	56.808	ng	0.00
79) Terphenyl-d14	20.059	244	563442	56.613	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	7.277	94	8326	3.377	ng	88
31) Naphthalene	10.942	128	18650	3.182	ng	# 95
55) Dibenzofuran	15.107	168	37077	4.697	ng	92
71) Phenanthrene	17.498	178	170656	17.693	ng	99
75) Fluoranthene	19.507	202	60519	4.846	ng	99
78) Pyrene	19.866	202	28703	2.392	ng	95
84) Bis(2-ethylhexyl)phtha...	21.616	149	2280453	375.491	ng	# 90

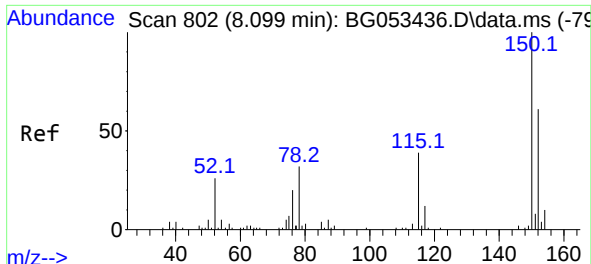
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051322\
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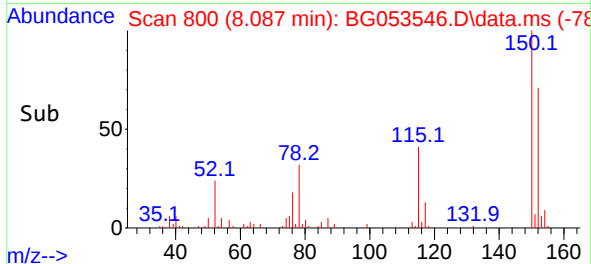
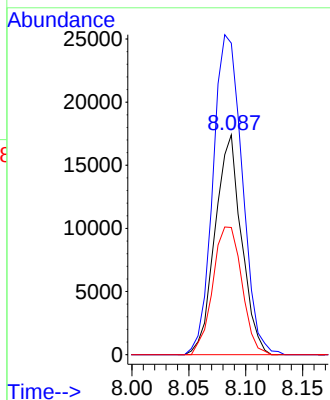
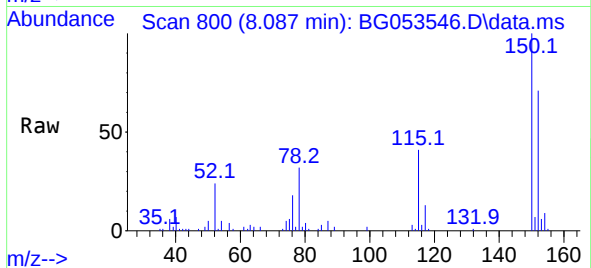




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.087 min Scan# 80
Delta R.T. -0.002 min
Lab File: BG053546.D
Acq: 13 May 2022 17:07

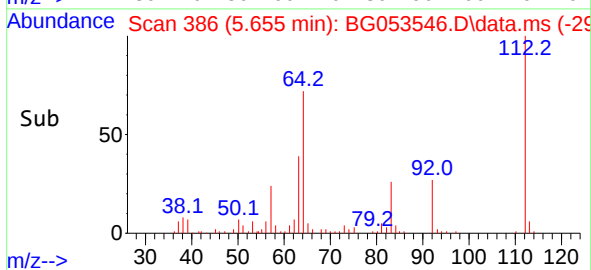
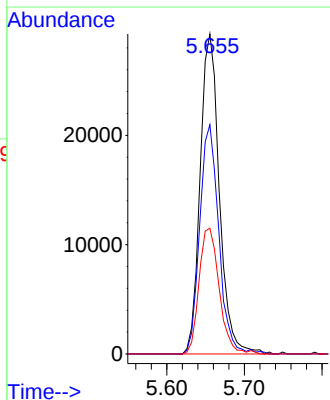
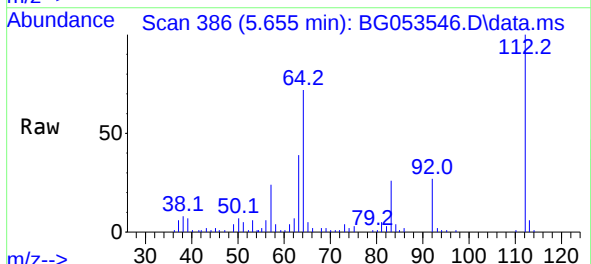
Instrument :
BNA_G
ClientSampleId :
SC-5

Tgt Ion:152 Resp: 28190
Ion Ratio Lower Upper
152 100
150 141.7 131.6 197.4
115 57.9 50.9 76.3



#5
2-Fluorophenol
Concen: 30.309 ng
RT: 5.655 min Scan# 386
Delta R.T. 0.004 min
Lab File: BG053546.D
Acq: 13 May 2022 17:07

Tgt Ion:112 Resp: 50344
Ion Ratio Lower Upper
112 100
64 71.7 55.1 82.7
63 39.3 30.4 45.6

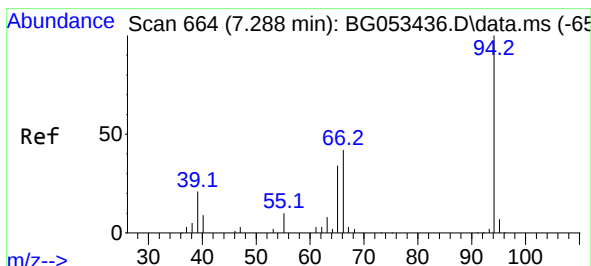
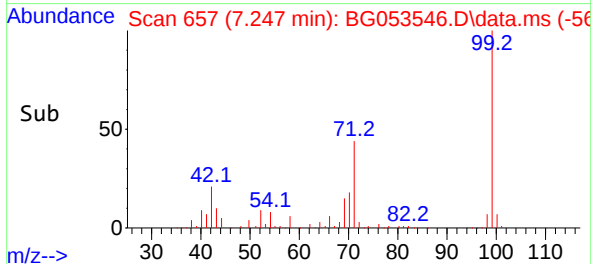
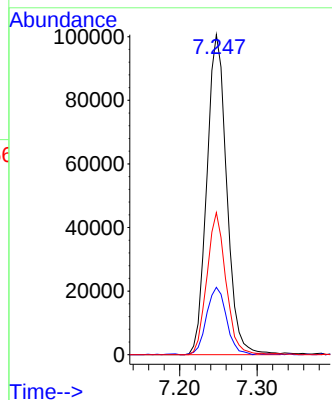
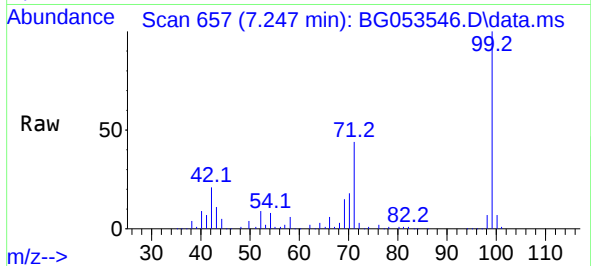




#7
Phenol-d6
Concen: 71.210 ng
RT: 7.247 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG053546.D
Acq: 13 May 2022 17:07

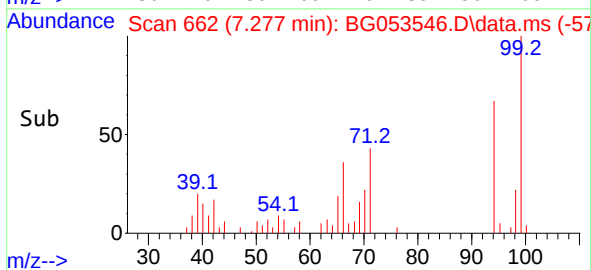
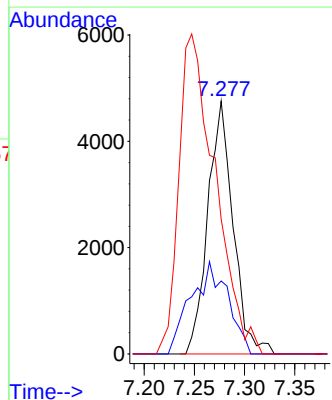
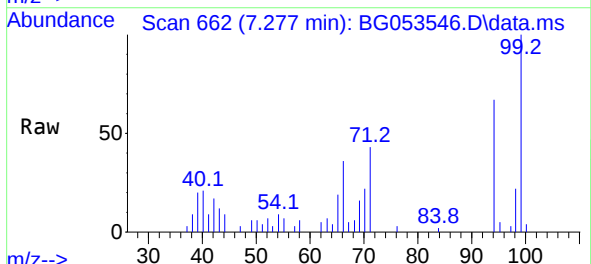
Instrument :
BNA_G
ClientSampleId :
SC-5

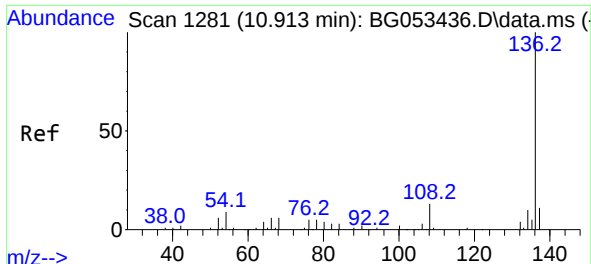
Tgt Ion: 99 Resp: 179511
Ion Ratio Lower Upper
99 100
42 21.0 17.0 25.6
71 44.4 33.8 50.8



#10
Phenol
Concen: 3.377 ng
RT: 7.277 min Scan# 662
Delta R.T. -0.002 min
Lab File: BG053546.D
Acq: 13 May 2022 17:07

Tgt Ion: 94 Resp: 8326
Ion Ratio Lower Upper
94 100
65 28.8 14.8 54.8
66 53.3 25.2 65.2

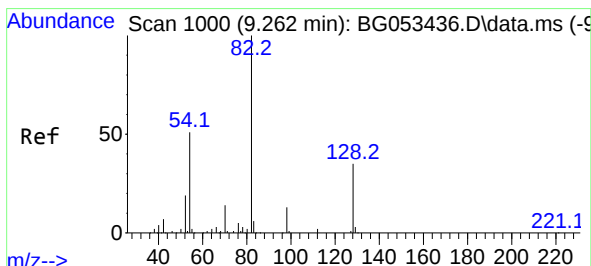
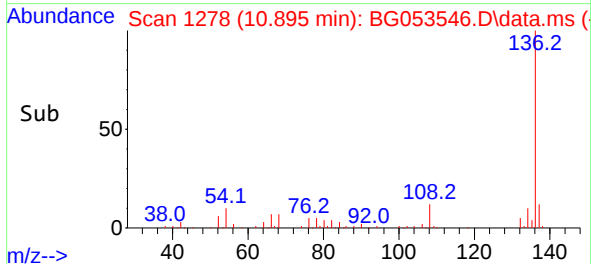
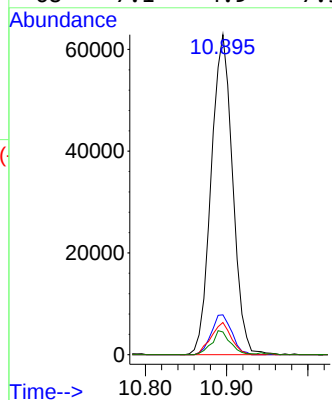
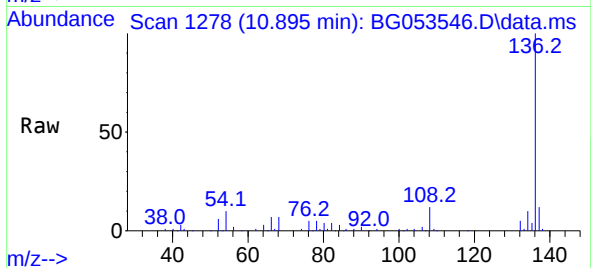




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.895 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG053546.D
Acq: 13 May 2022 17:07

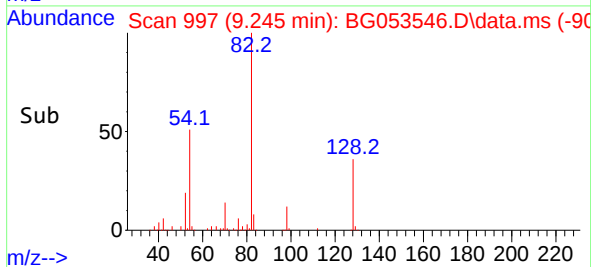
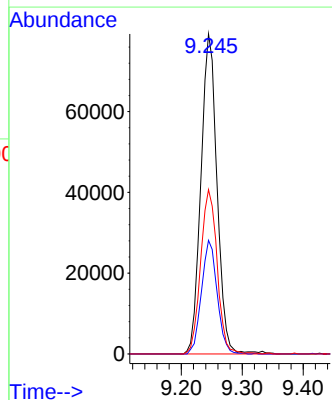
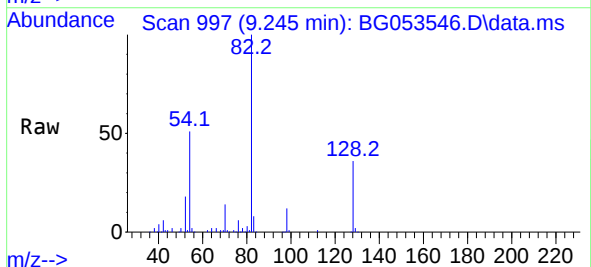
Instrument :
BNA_G
ClientSampleId :
SC-5

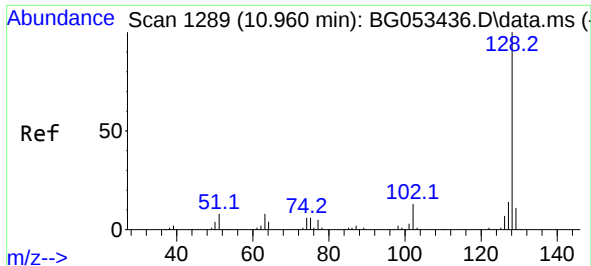
Tgt Ion:	136	Resp:	115208
Ion	Ratio	Lower	Upper
136	100		
137	12.5	8.5	12.7
54	10.1	7.4	11.2
68	7.1	4.9	7.3



#23
Nitrobenzene-d5
Concen: 53.855 ng
RT: 9.245 min Scan# 997
Delta R.T. -0.008 min
Lab File: BG053546.D
Acq: 13 May 2022 17:07

Tgt Ion:	82	Resp:	145754
Ion	Ratio	Lower	Upper
82	100		
128	35.5	27.9	41.9
54	51.3	41.2	61.8

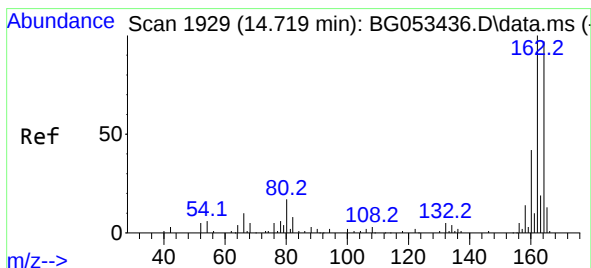
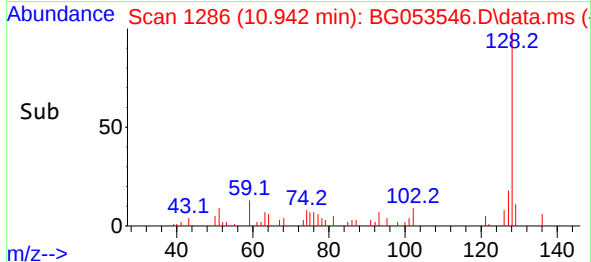
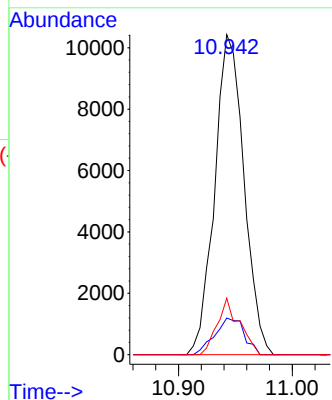
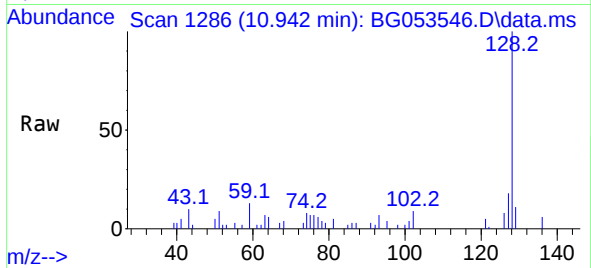




#31
Naphthalene
Concen: 3.182 ng
RT: 10.942 min Scan# 11
Delta R.T. -0.008 min
Lab File: BG053546.D
Acq: 13 May 2022 17:07

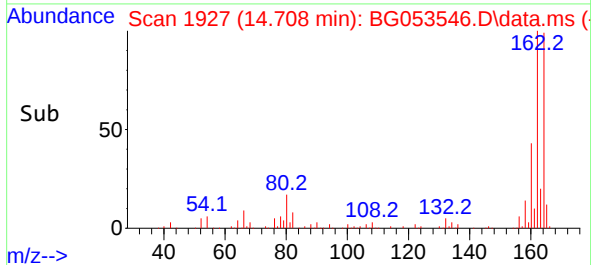
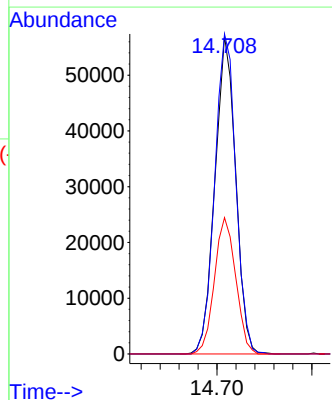
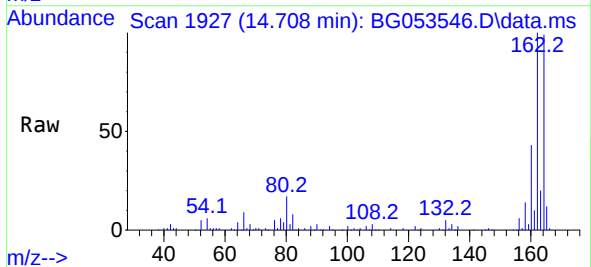
Instrument :
BNA_G
ClientSampleId :
SC-5

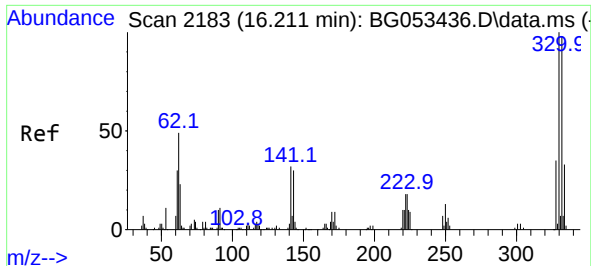
Tgt Ion:128 Resp: 18650
Ion Ratio Lower Upper
128 100
129 11.5 9.0 13.6
127 17.7 11.1 16.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.708 min Scan# 1927
Delta R.T. -0.008 min
Lab File: BG053546.D
Acq: 13 May 2022 17:07

Tgt Ion:164 Resp: 86539
Ion Ratio Lower Upper
164 100
162 100.7 82.3 123.5
160 42.9 34.2 51.2

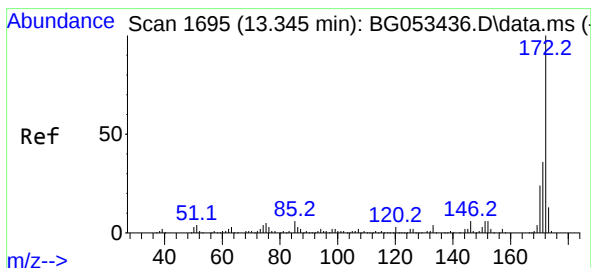
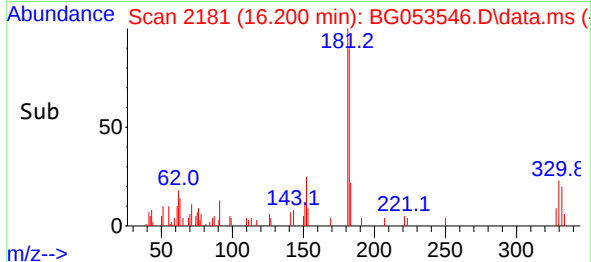
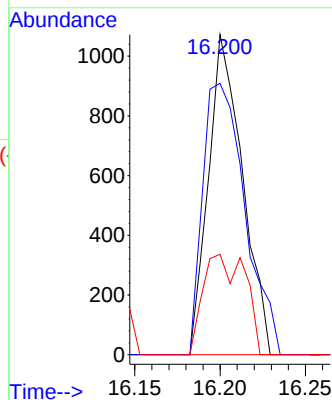
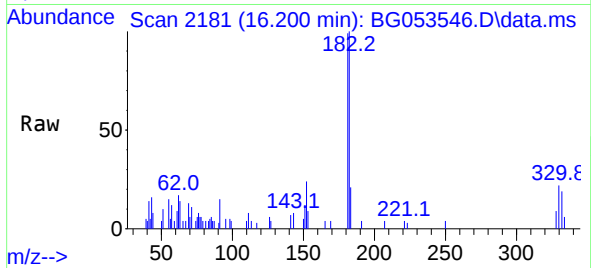




#42
2,4,6-Tribromophenol
Concen: 1.164 ng
RT: 16.200 min Scan# 2183
Delta R.T. -0.002 min
Lab File: BG053546.D
Acq: 13 May 2022 17:07

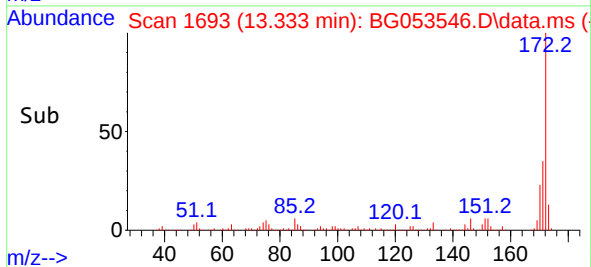
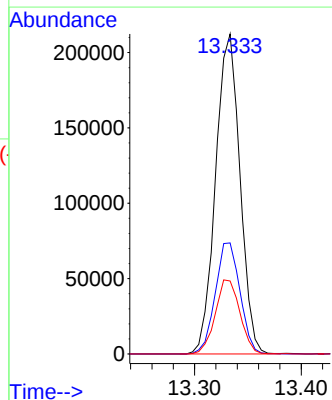
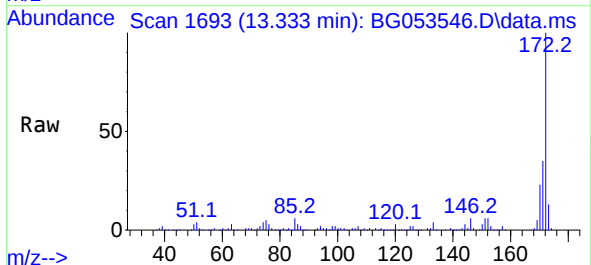
Instrument :
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ClientSampleId :
SC-5

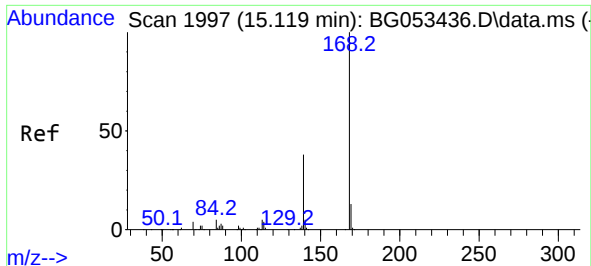
Tgt Ion:330 Resp: 1486
Ion Ratio Lower Upper
330 100
332 105.3 76.0 114.0
141 38.7 27.1 40.7



#45
2-Fluorobiphenyl
Concen: 56.808 ng
RT: 13.333 min Scan# 1693
Delta R.T. -0.002 min
Lab File: BG053546.D
Acq: 13 May 2022 17:07

Tgt Ion:172 Resp: 336423
Ion Ratio Lower Upper
172 100
171 34.7 28.5 42.7
170 22.8 18.9 28.3

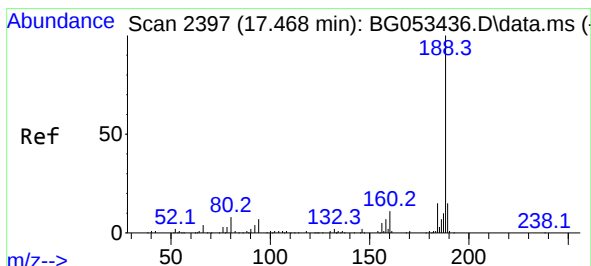
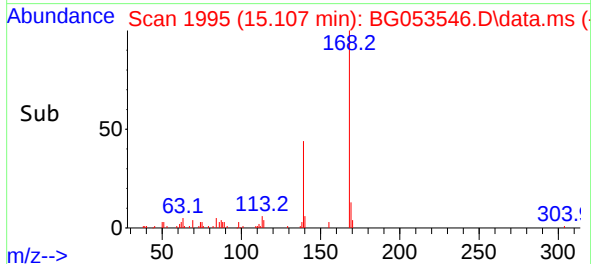
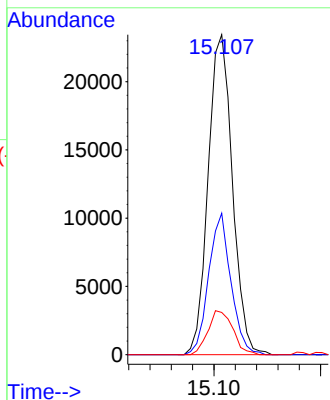
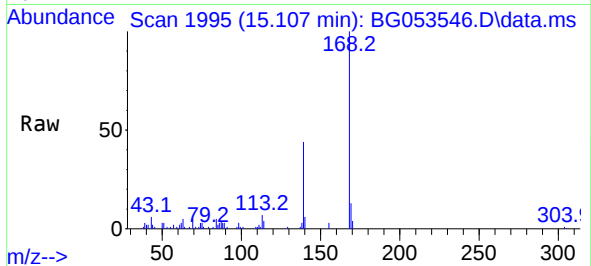




#55
Dibenzenofuran
Concen: 4.697 ng
RT: 15.107 min Scan# 1995
Delta R.T. -0.002 min
Lab File: BG053546.D
Acq: 13 May 2022 17:07

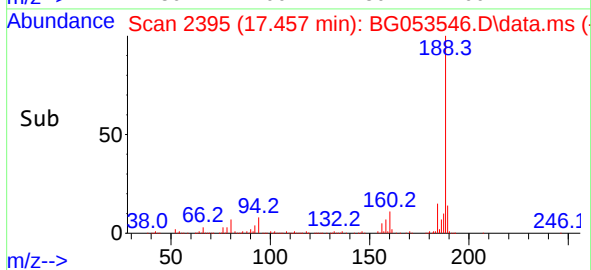
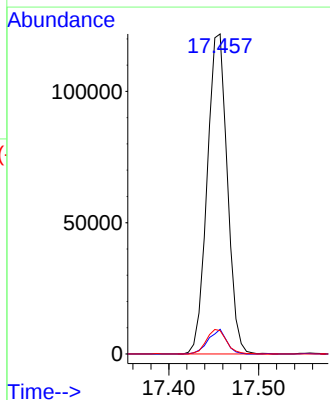
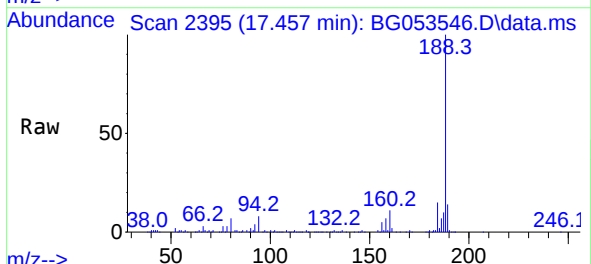
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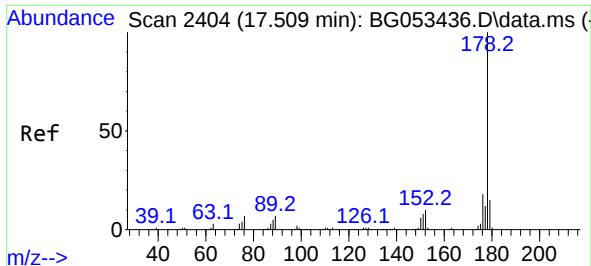
Tgt Ion:168 Resp: 37077
Ion Ratio Lower Upper
168 100
139 44.2 30.5 45.7
169 13.2 10.3 15.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.457 min Scan# 2395
Delta R.T. -0.002 min
Lab File: BG053546.D
Acq: 13 May 2022 17:07

Tgt Ion:188 Resp: 189695
Ion Ratio Lower Upper
188 100
94 7.7 5.4 8.0
80 7.3 6.8 10.2

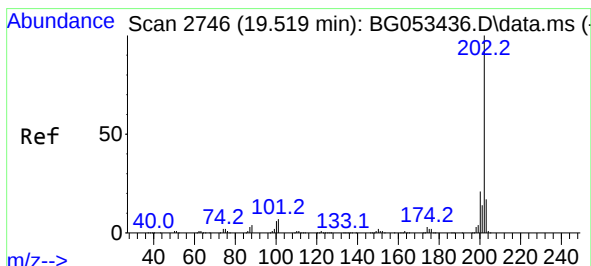
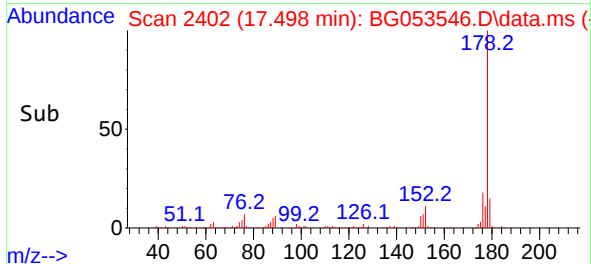
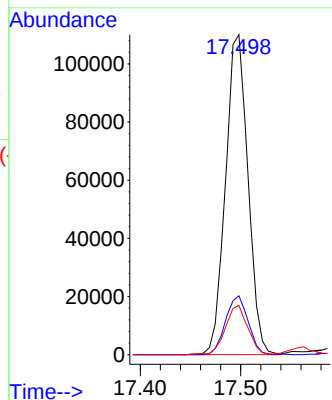
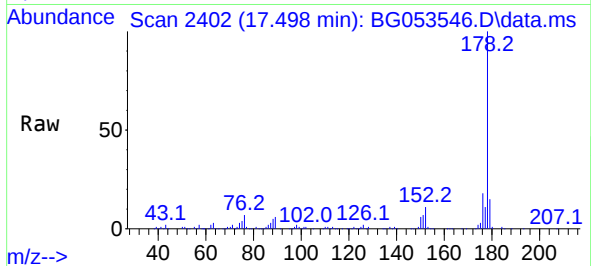




#71
Phenanthrene
Concen: 17.693 ng
RT: 17.498 min Scan# 24
Delta R.T. -0.002 min
Lab File: BG053546.D
Acq: 13 May 2022 17:07

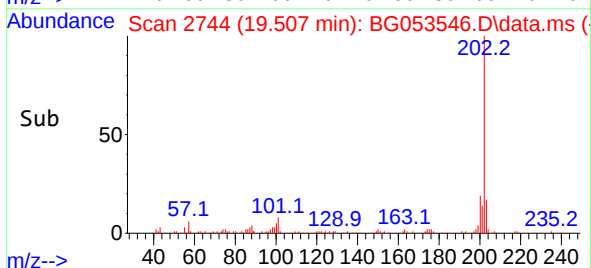
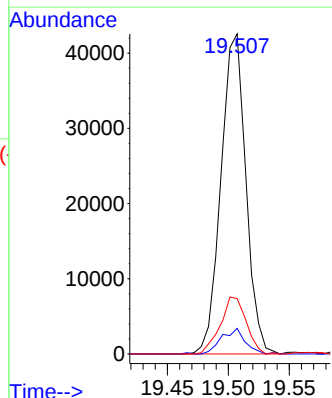
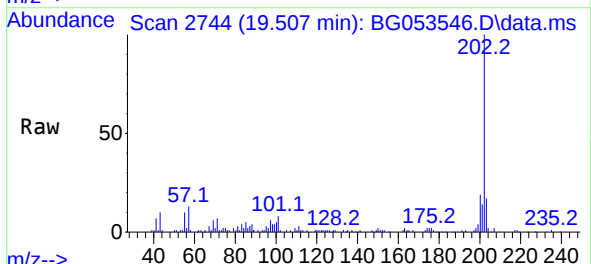
Instrument :
BNA_G
ClientSampleId :
SC-5

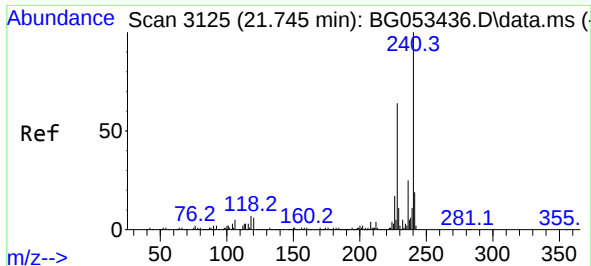
Tgt Ion:178 Resp: 170656
Ion Ratio Lower Upper
178 100
176 18.4 14.1 21.1
179 15.4 12.1 18.1



#75
Fluoranthene
Concen: 4.846 ng
RT: 19.507 min Scan# 2744
Delta R.T. -0.002 min
Lab File: BG053546.D
Acq: 13 May 2022 17:07

Tgt Ion:202 Resp: 60519
Ion Ratio Lower Upper
202 100
101 8.0 0.0 26.9
203 17.3 0.0 37.2

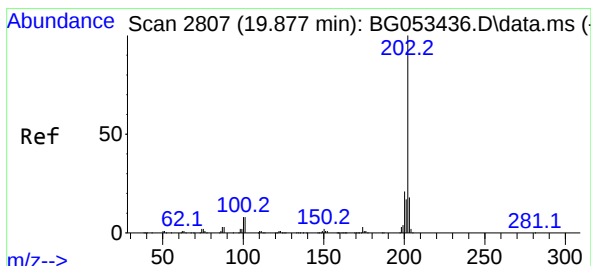
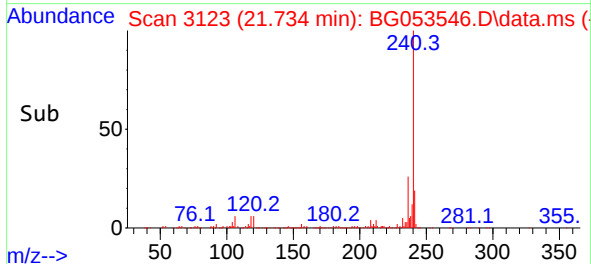
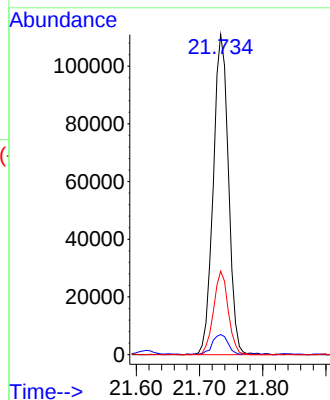
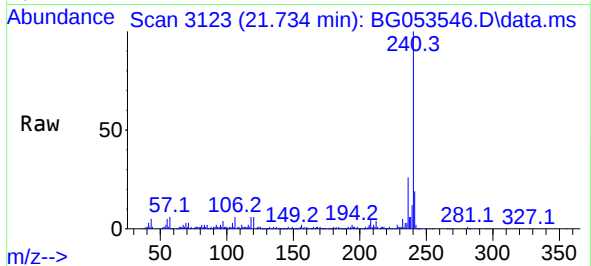




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.734 min Scan# 31
Delta R.T. -0.008 min
Lab File: BG053546.D
Acq: 13 May 2022 17:07

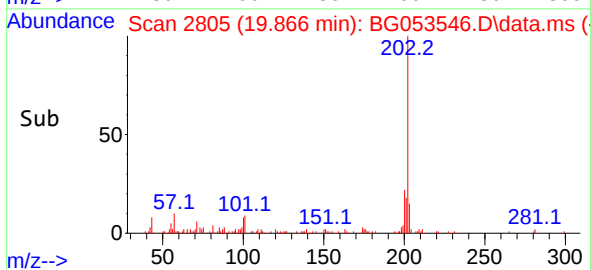
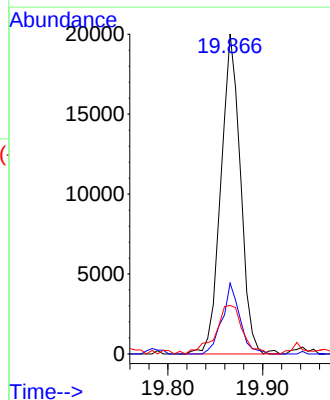
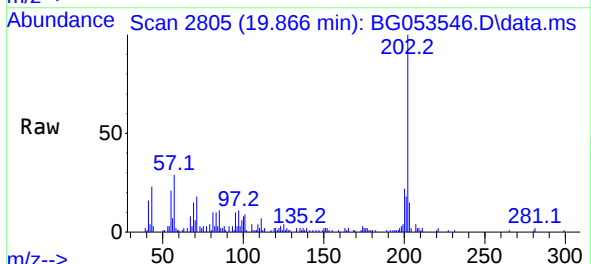
Instrument :
BNA_G
ClientSampleId :
SC-5

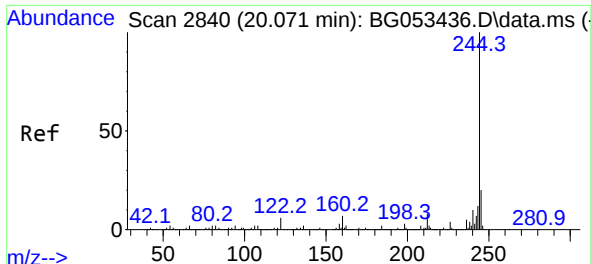
Tgt Ion:240 Resp: 185364
Ion Ratio Lower Upper
240 100
120 6.3 4.6 7.0
236 26.1 20.2 30.4



#78
Pyrene
Concen: 2.392 ng
RT: 19.866 min Scan# 2805
Delta R.T. -0.008 min
Lab File: BG053546.D
Acq: 13 May 2022 17:07

Tgt Ion:202 Resp: 28703
Ion Ratio Lower Upper
202 100
200 22.1 16.6 24.8
203 15.2 14.6 21.8

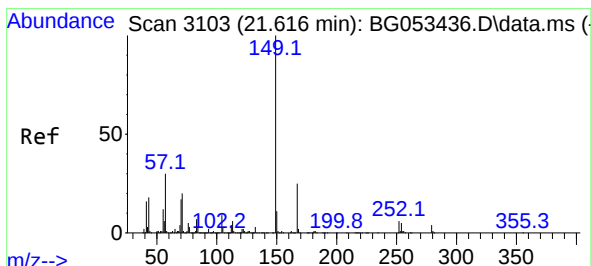
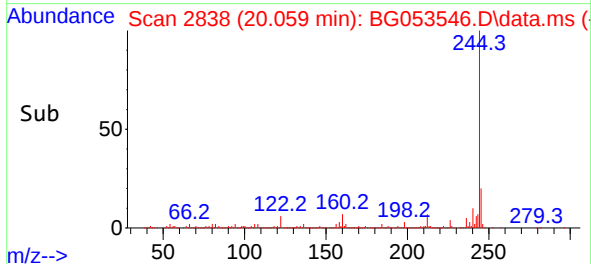
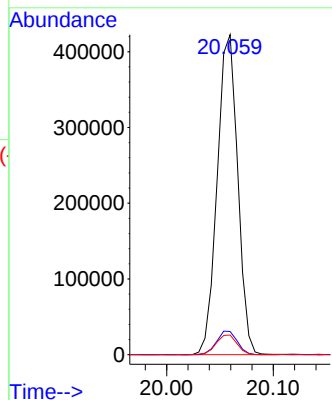
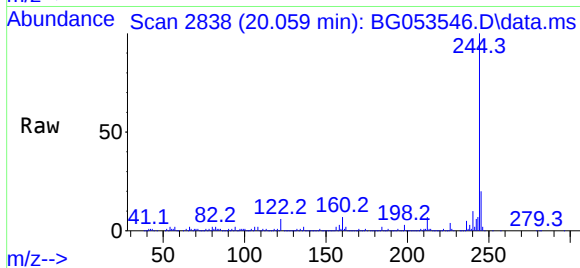




#79
 Terphenyl-d14
 Concen: 56.613 ng
 RT: 20.059 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG053546.D
 Acq: 13 May 2022 17:07

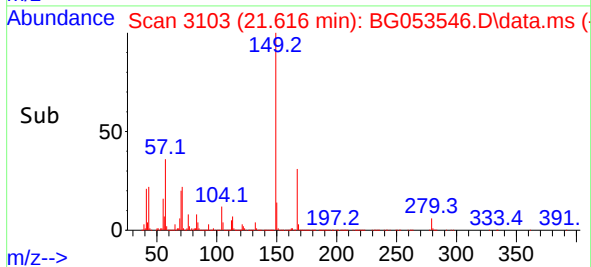
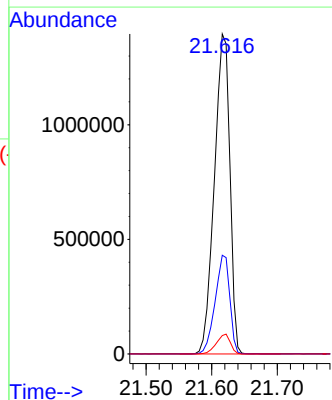
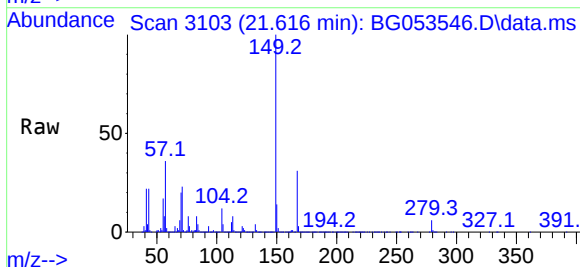
Instrument :
 BNA_G
 ClientSampleId :
 SC-5

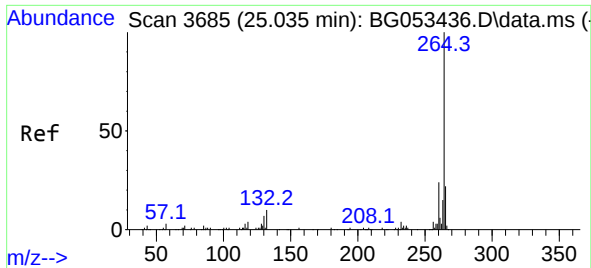
Tgt Ion:244 Resp: 563442
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.5 9.7
 122 6.2 5.0 7.4



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 375.491 ng
 RT: 21.616 min Scan# 3103
 Delta R.T. 0.010 min
 Lab File: BG053546.D
 Acq: 13 May 2022 17:07

Tgt Ion:149 Resp: 2280453
 Ion Ratio Lower Upper
 149 100
 167 30.9 20.2 30.4#
 279 5.7 3.6 5.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.012 min Scan# 30
Delta R.T. -0.008 min
Lab File: BG053546.D
Acq: 13 May 2022 17:07

Instrument :
BNA_G
ClientSampleId :
SC-5

Tgt Ion:264 Resp: 196147
Ion Ratio Lower Upper
264 100
260 24.7 19.0 28.6
265 20.9 17.4 26.2

