

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)

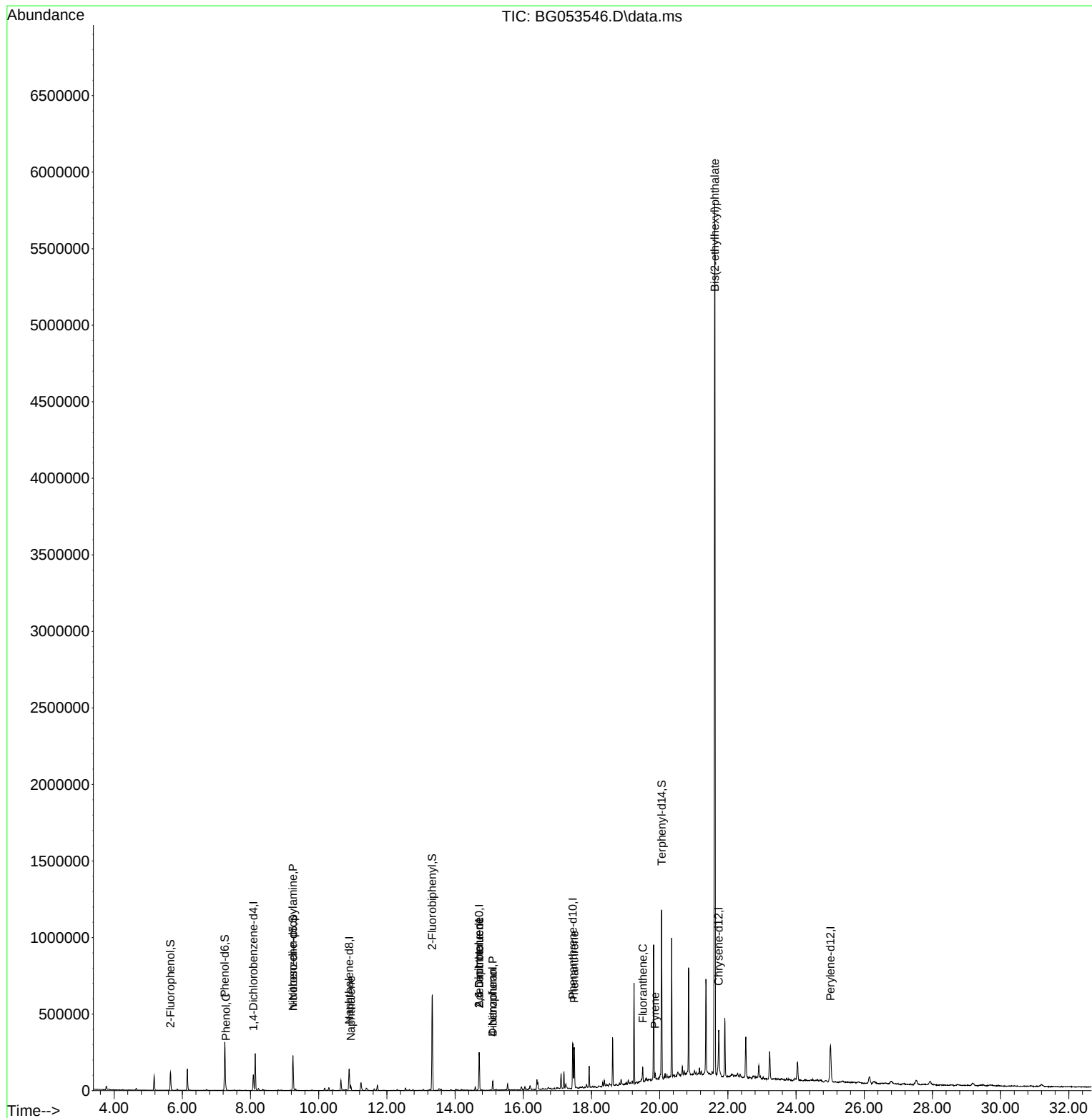
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.087	152	28190	20.000	ng	0.00
21) Naphthalene-d8	10.895	136	115208	20.000	ng	0.00
39) Acenaphthene-d10	14.708	164	86539	20.000	ng	0.00
64) Phenanthrene-d10	17.457	188	189695	20.000	ng	0.00
76) Chrysene-d12	21.734	240	185364	20.000	ng	0.00
86) Perylene-d12	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
19) n-Nitroso-di-n-propyla...	9.245	70	21107	11.670	ng	# 77
31) Naphthalene	10.942	128	18650	3.182	ng	# 95
51) 2,6-Dinitrotoluene	14.708	165	11836	8.834	ng	# 19
55) Dibenzofuran	15.107	168	37077	4.697	ng	92
56) 4-Nitrophenol	15.107	139	15031	14.537	ng	# 1
57) 2,4-Dinitrotoluene	14.708	165	11836	6.095	ng	# 24
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

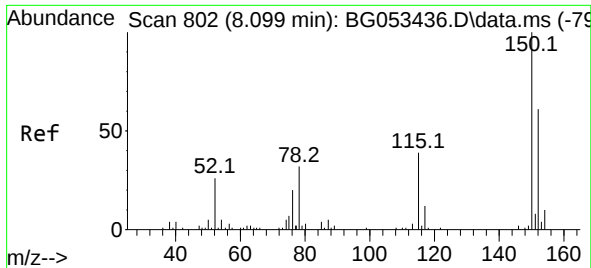
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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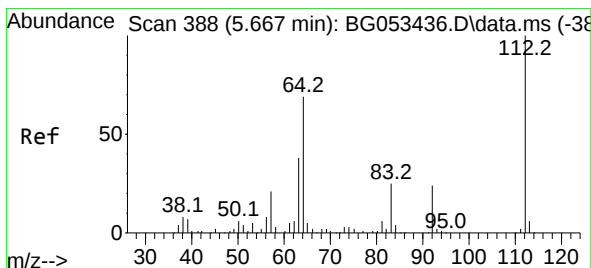
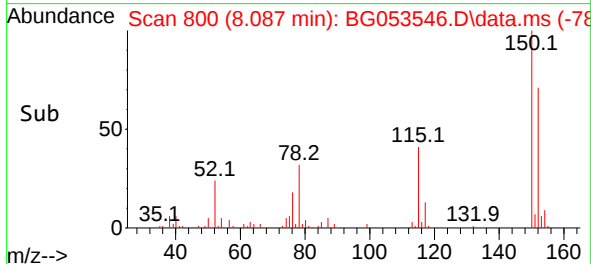
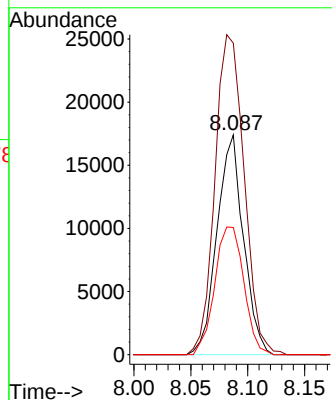
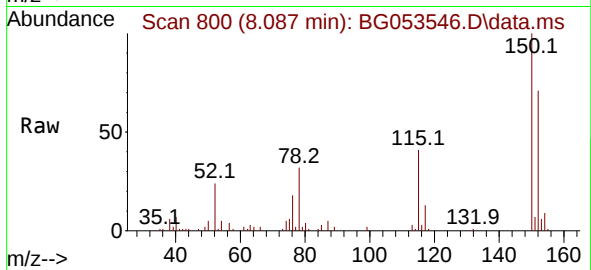




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.087 min Scan# 80
Delta R.T. -0.002 min
Lab File: BG053546.D
Acq: 13 May 2022 17:07

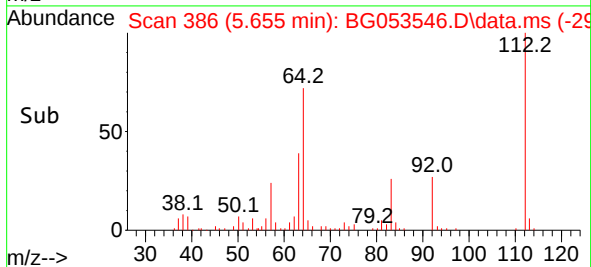
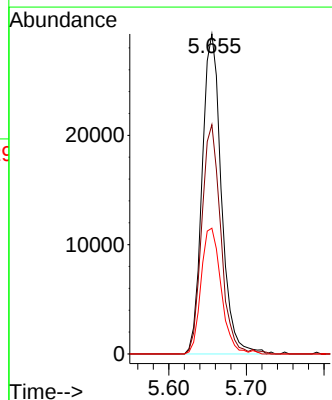
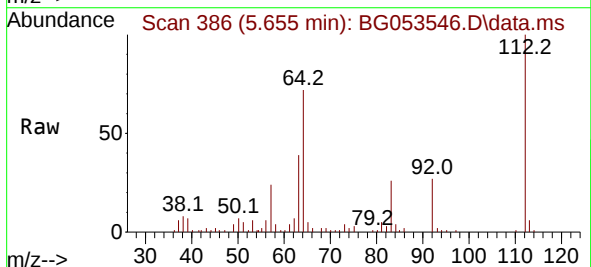
Instrument :
BNA_G
ClientSampleId :
SC-5

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

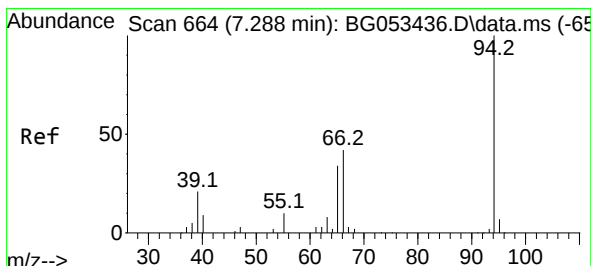
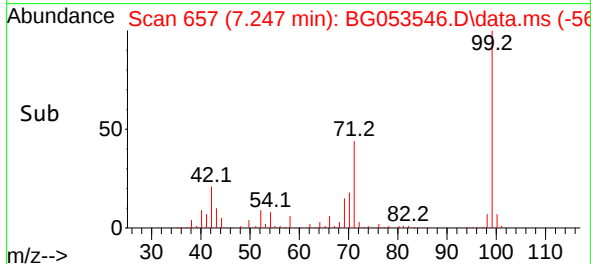
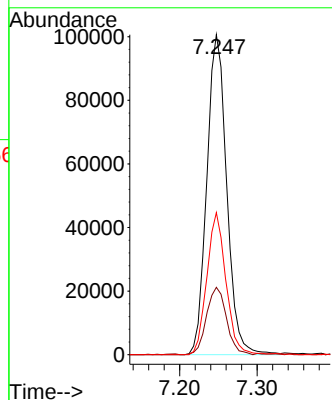
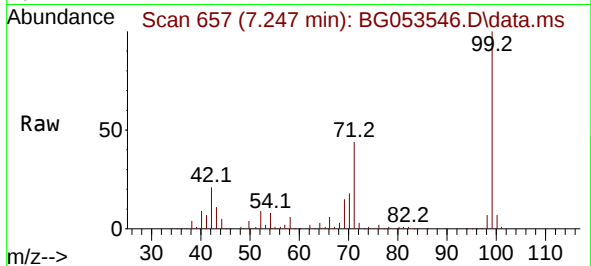




#7
Phenol-d6
Concen: 71.210 ng
RT: 7.247 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG053546.D
Acq: 13 May 2022 17:07

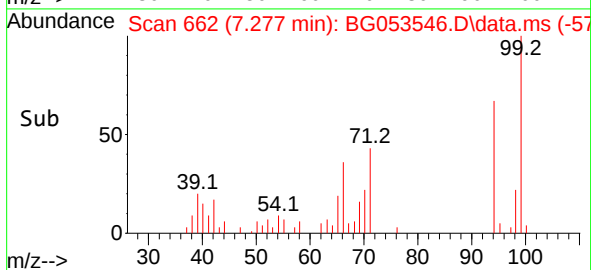
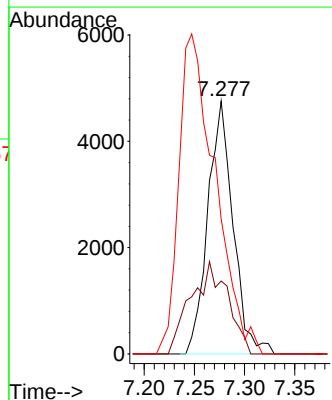
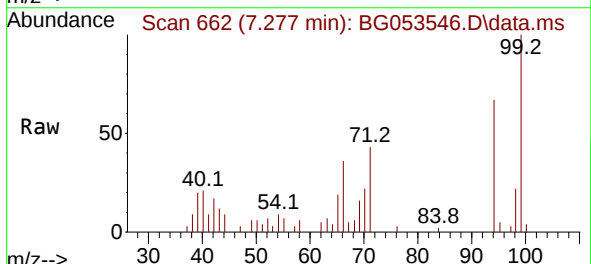
Instrument :
BNA_G
ClientSampleId :
SC-5

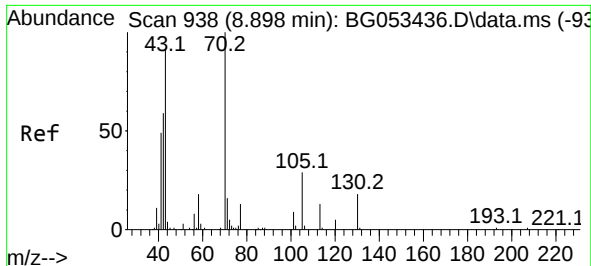
Tgt Ion: 99 Resp: 179511
Ion Ratio Lower Upper
99 100
42 21.0 17.0 25.6
71 44.4 33.8 50.8



#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

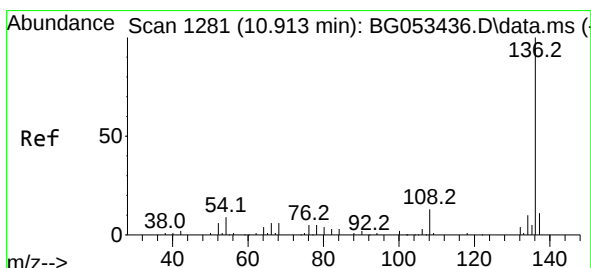
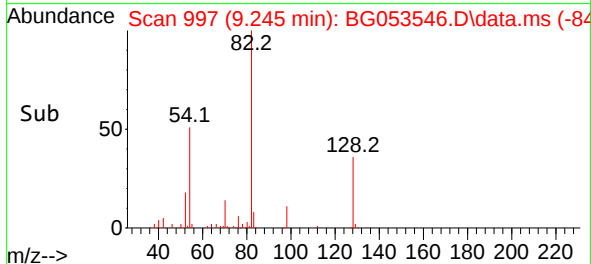
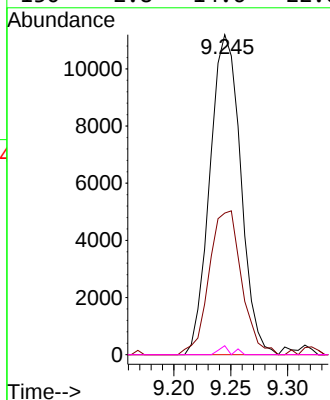
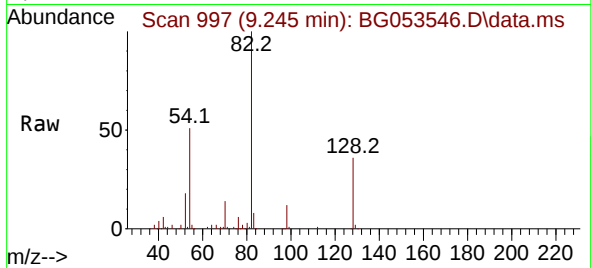




#19
n-Nitroso-di-n-propylamine
Concen: 11.670 ng
RT: 9.245 min Scan# 91
Delta R.T. 0.356 min
Lab File: BG053546.D
Acq: 13 May 2022 17:07

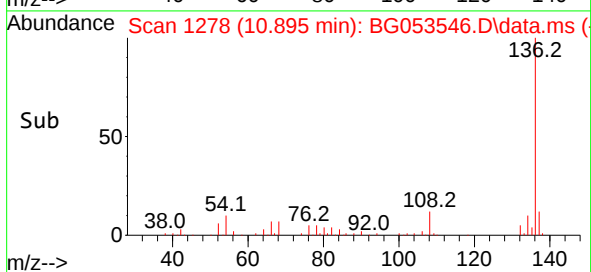
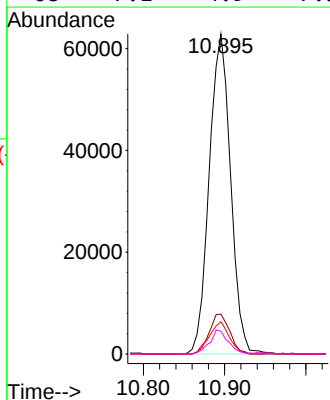
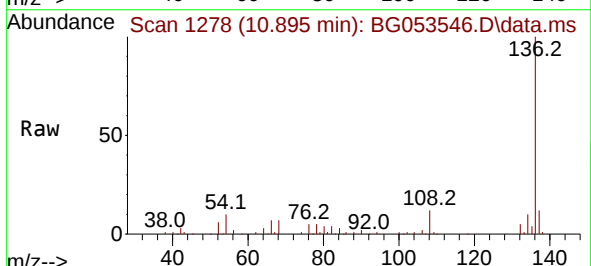
Instrument :
BNA_G
ClientSampleId :
SC-5

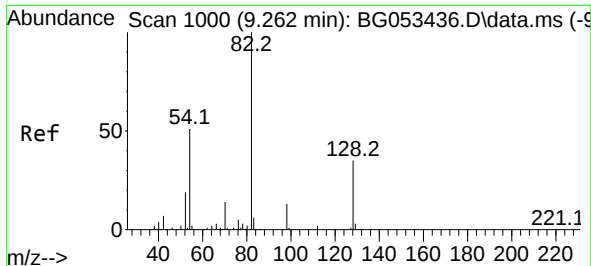
Tgt Ion: 70 Resp: 21107
Ion Ratio Lower Upper
70 100
42 44.2 47.3 70.9#
101 0.0 7.0 10.4#
130 2.8 14.6 22.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.895 min Scan# 1278
Delta R.T. -0.002 min
Lab File: BG053546.D
Acq: 13 May 2022 17:07

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

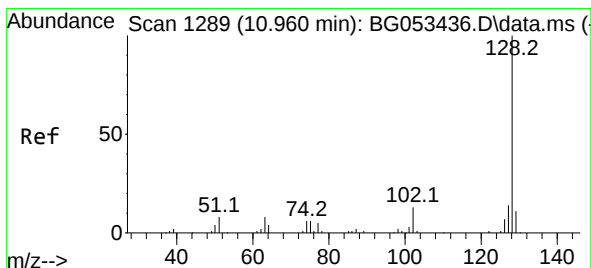
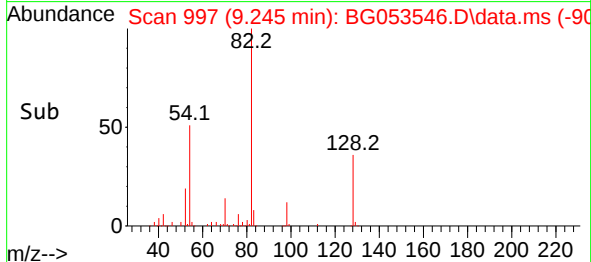
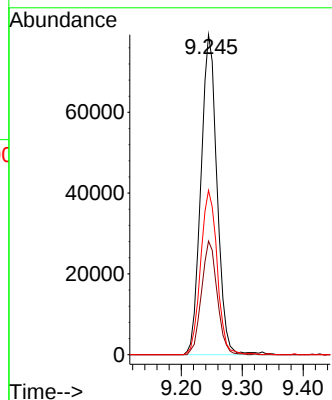
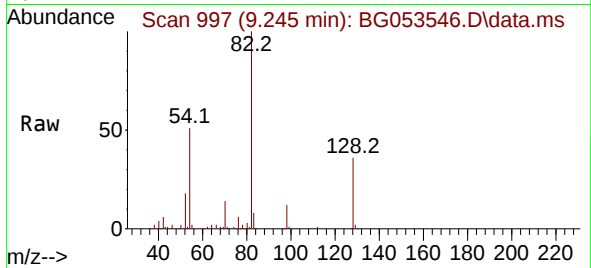




#23
Nitrobenzene-d5
Concen: 53.855 ng
RT: 9.245 min Scan# 91
Delta R.T. -0.008 min
Lab File: BG053546.D
Acq: 13 May 2022 17:07

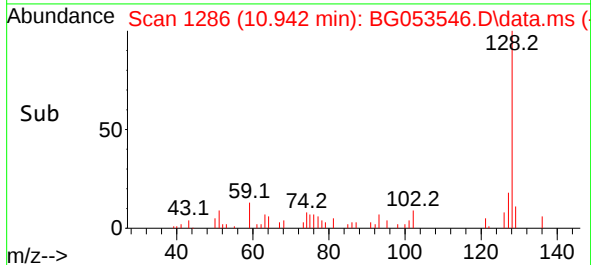
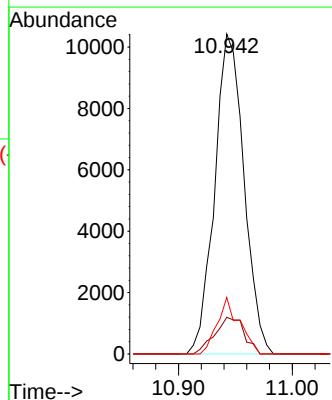
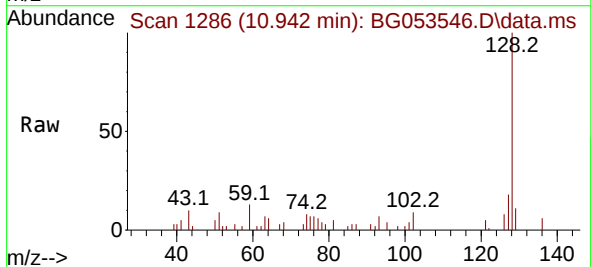
Instrument :
BNA_G
ClientSampleId :
SC-5

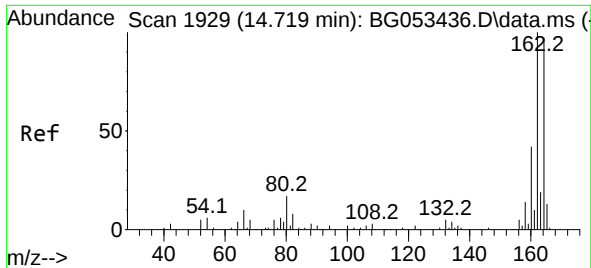
Tgt Ion: 82 Resp: 145754
Ion Ratio Lower Upper
82 100
128 35.5 27.9 41.9
54 51.3 41.2 61.8



#31
Naphthalene
Concen: 3.182 ng
RT: 10.942 min Scan# 1286
Delta R.T. -0.008 min
Lab File: BG053546.D
Acq: 13 May 2022 17:07

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#

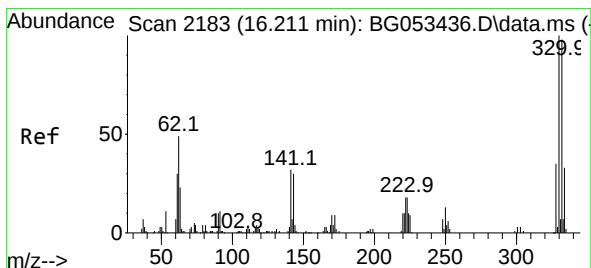
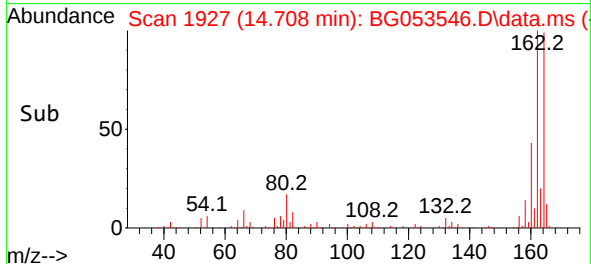
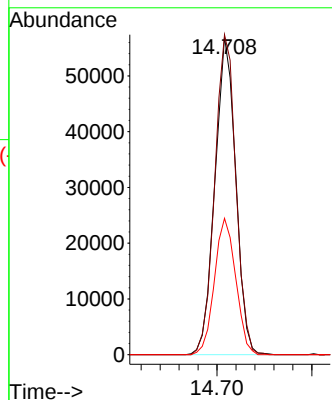
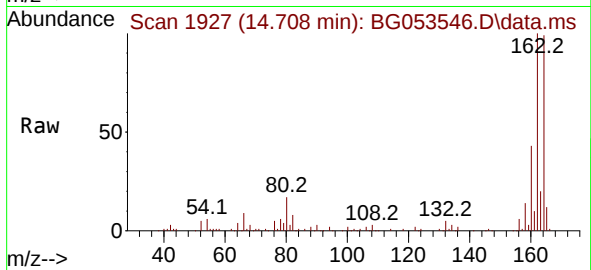




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.708 min Scan# 1927
Delta R.T. -0.008 min
Lab File: BG053546.D
Acq: 13 May 2022 17:07

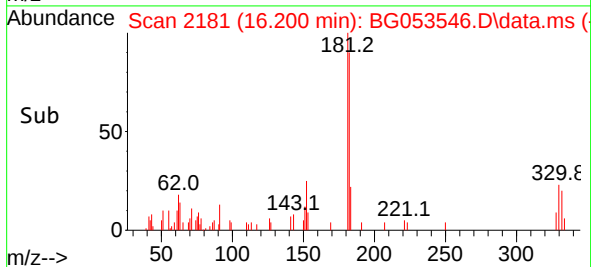
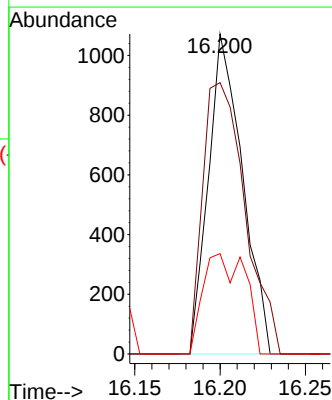
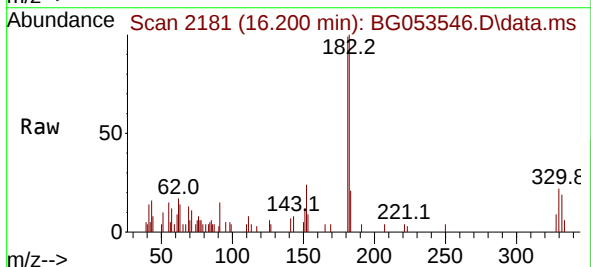
Instrument :
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ClientSampleId :
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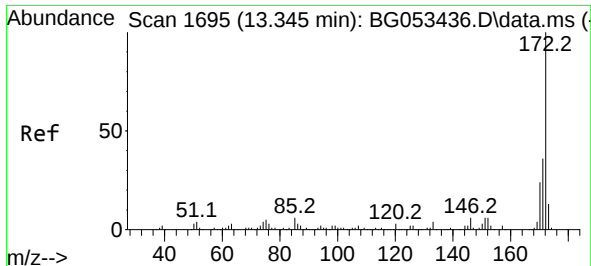
Tgt Ion:164 Resp: 86539
Ion Ratio Lower Upper
164 100
162 100.7 82.3 123.5
160 42.9 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 1.164 ng
RT: 16.200 min Scan# 2181
Delta R.T. -0.002 min
Lab File: BG053546.D
Acq: 13 May 2022 17:07

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

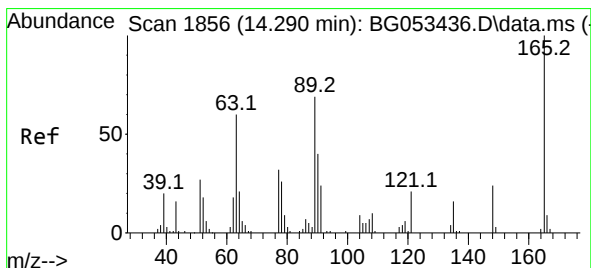
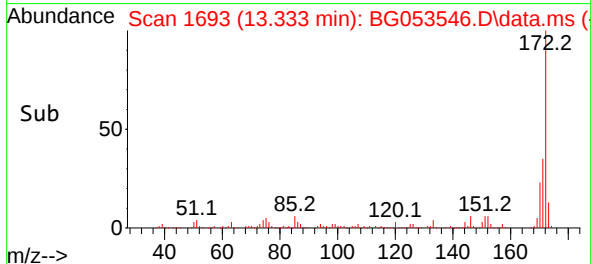
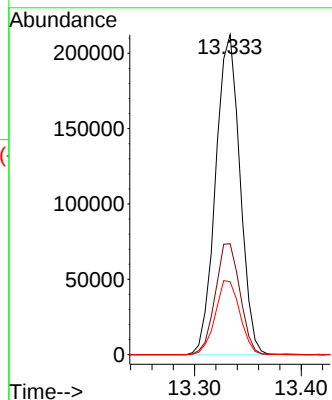
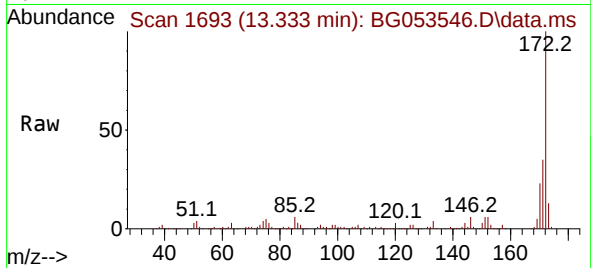




#45
2-Fluorobiphenyl
Concen: 56.808 ng
RT: 13.333 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG053546.D
Acq: 13 May 2022 17:07

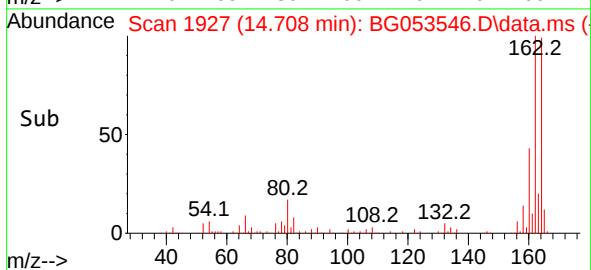
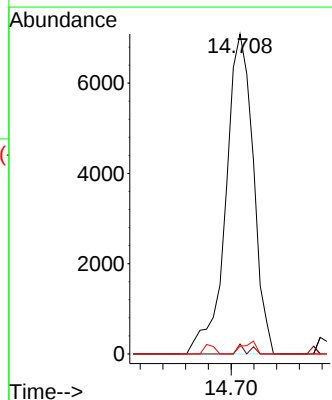
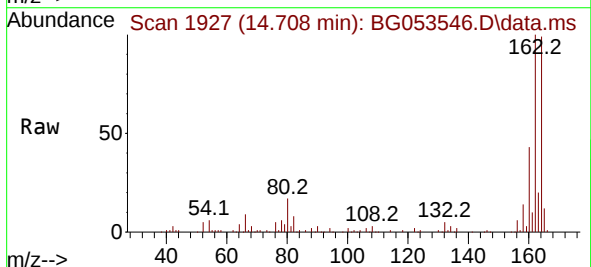
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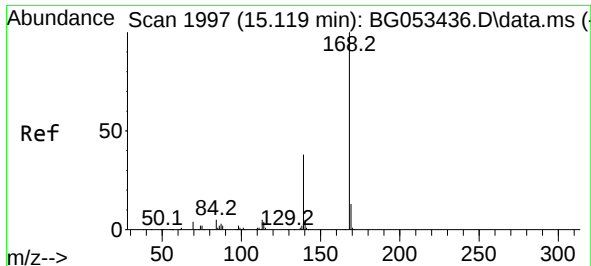
Tgt Ion:172 Resp: 336423
Ion Ratio Lower Upper
172 100
171 34.7 28.5 42.7
170 22.8 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 8.834 ng
RT: 14.708 min Scan# 1927
Delta R.T. 0.427 min
Lab File: BG053546.D
Acq: 13 May 2022 17:07

Tgt Ion:165 Resp: 11836
Ion Ratio Lower Upper
165 100
63 3.1 54.1 81.1#
89 2.5 54.8 82.2#

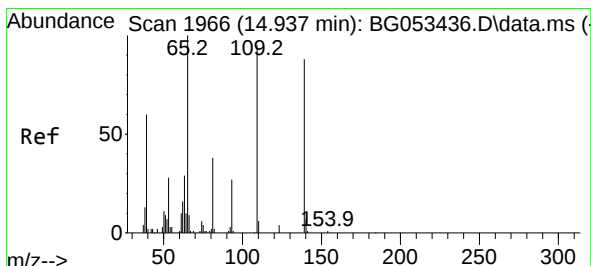
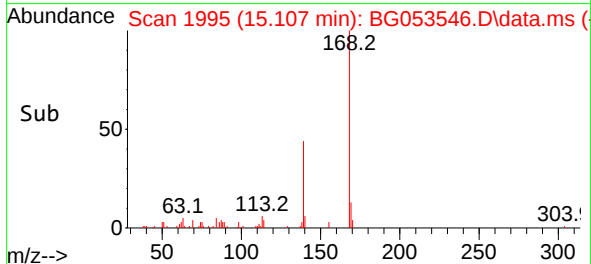
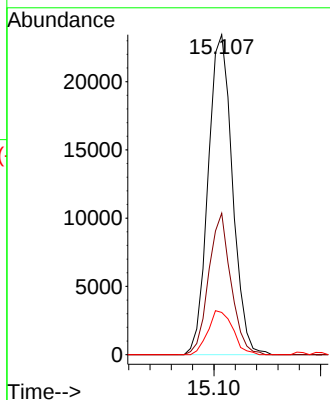
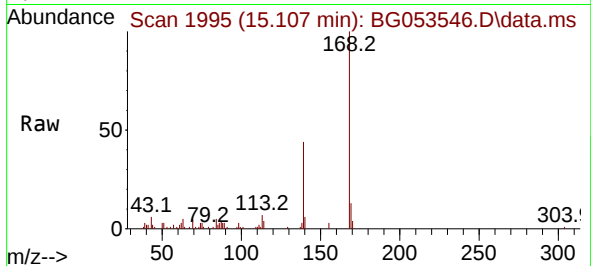




#55
Dibenzenofuran
Concen: 4.697 ng
RT: 15.107 min Scan# 1997
Delta R.T. -0.002 min
Lab File: BG053546.D
Acq: 13 May 2022 17:07

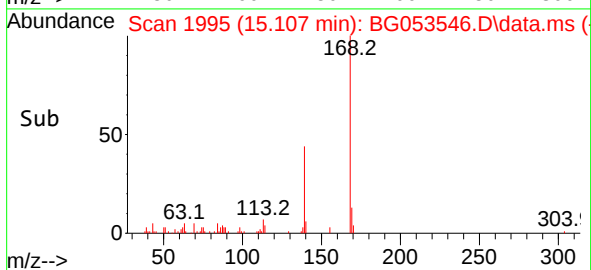
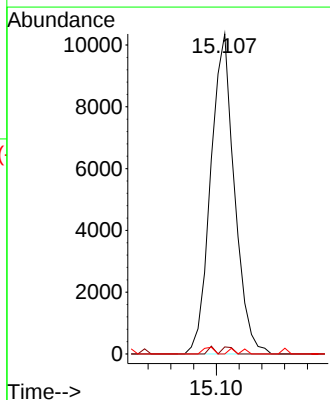
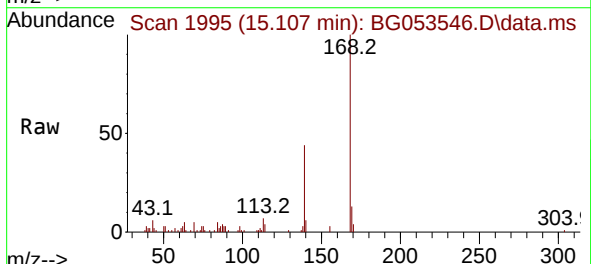
Instrument :
BNA_G
ClientSampleId :
SC-5

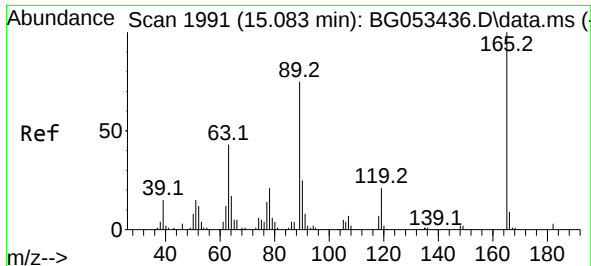
Tgt Ion:168 Resp: 37077
Ion Ratio Lower Upper
168 100
139 44.2 30.5 45.7
169 13.2 10.3 15.5



#56
4-Nitrophenol
Concen: 14.537 ng
RT: 15.107 min Scan# 1995
Delta R.T. 0.174 min
Lab File: BG053546.D
Acq: 13 May 2022 17:07

Tgt Ion:139 Resp: 15031
Ion Ratio Lower Upper
139 100
109 2.2 88.5 128.5#
65 0.0 93.9 133.9#





#57

2,4-Dinitrotoluene

Concen: 6.095 ng

RT: 14.708 min Scan# 1991

Delta R.T. -0.366 min

Lab File: BG053546.D

Acq: 13 May 2022 17:07

Instrument :

BNA_G

ClientSampleId :

SC-5

Tgt Ion:165 Resp: 11836

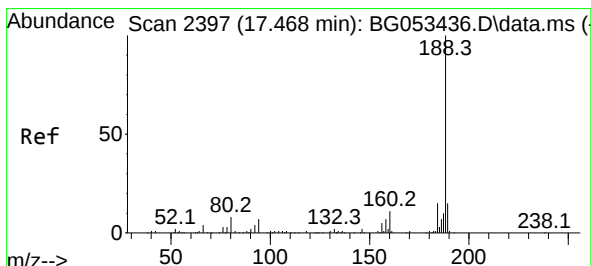
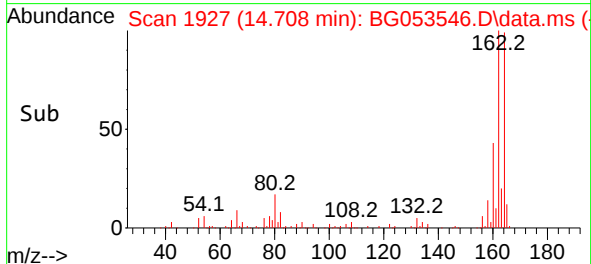
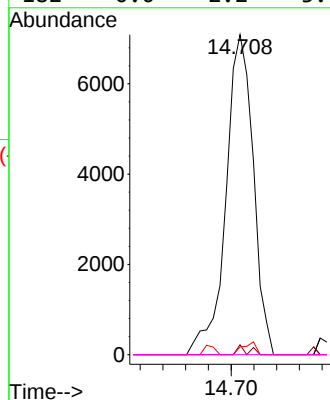
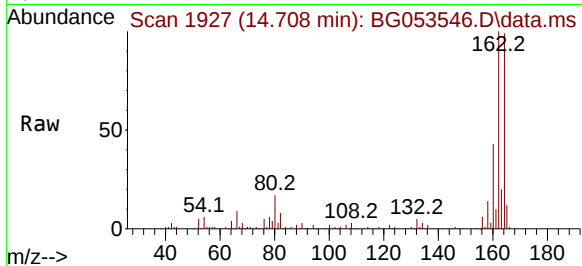
Ion Ratio Lower Upper

165 100

63 3.1 34.6 52.0#

89 2.5 60.3 90.5#

182 0.0 2.2 3.4#



#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

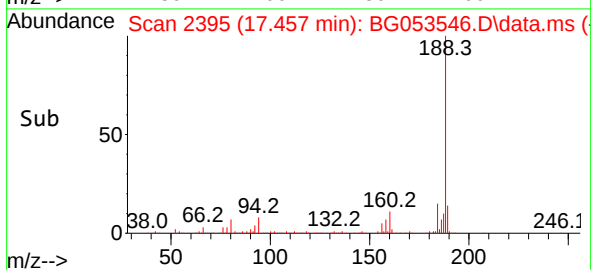
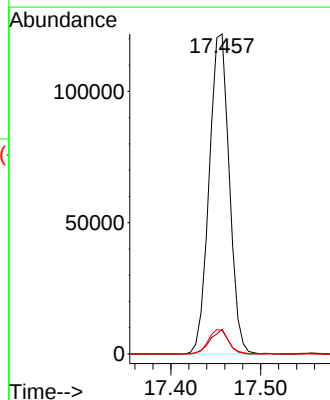
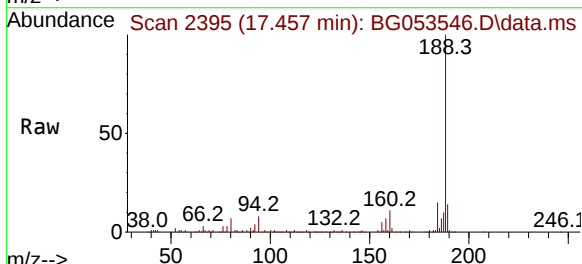
Tgt Ion:188 Resp: 189695

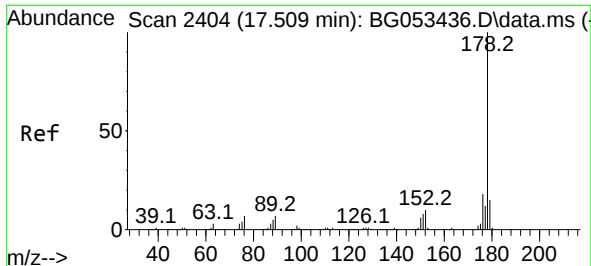
Ion Ratio Lower Upper

188 100

94 7.7 5.4 8.0

80 7.3 6.8 10.2

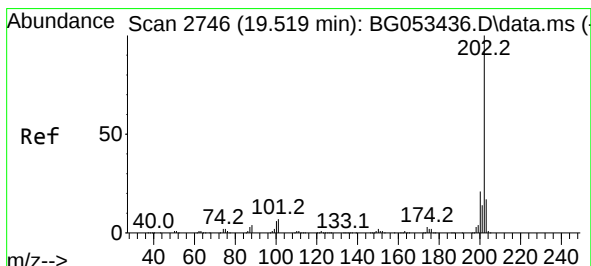
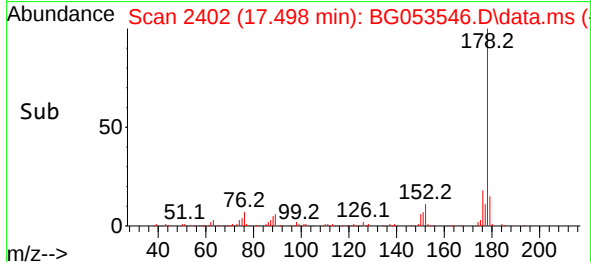
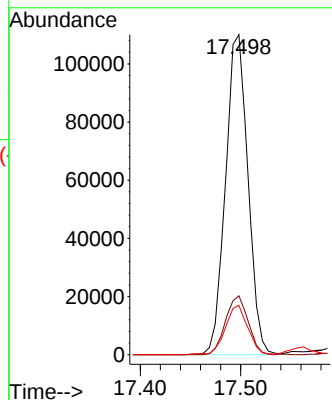
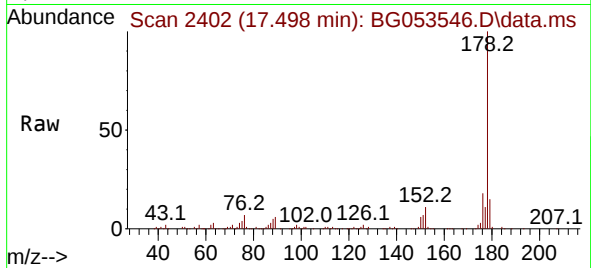




#71
Phenanthrene
Concen: 17.693 ng
RT: 17.498 min Scan# 2402
Delta R.T. -0.002 min
Lab File: BG053546.D
Acq: 13 May 2022 17:07

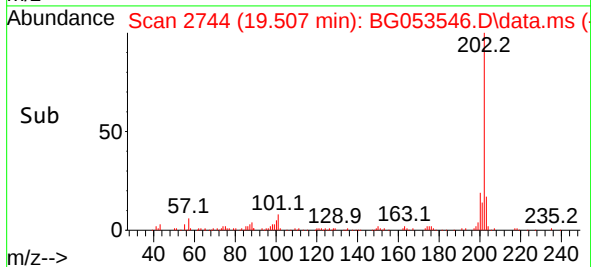
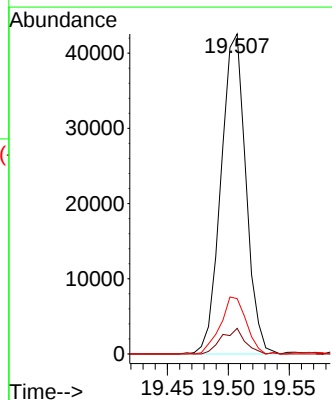
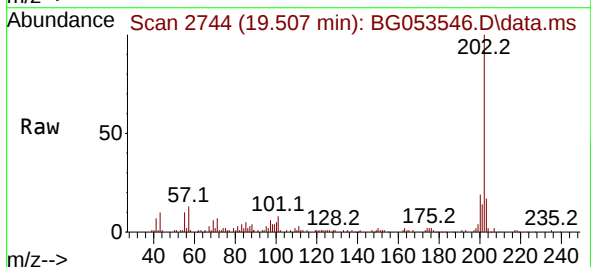
Instrument :
BNA_G
ClientSampleId :
SC-5

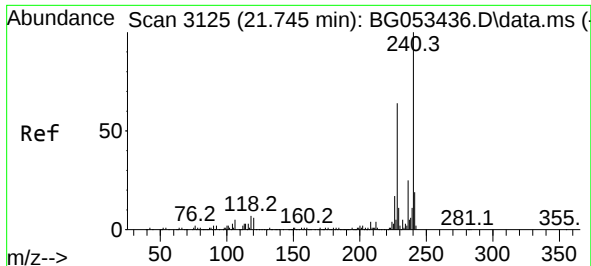
Tgt Ion:178 Resp: 170656
Ion Ratio Lower Upper
178 100
176 18.4 14.1 21.1
179 15.4 12.1 18.1



#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

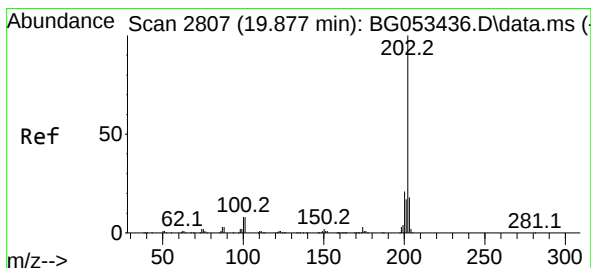
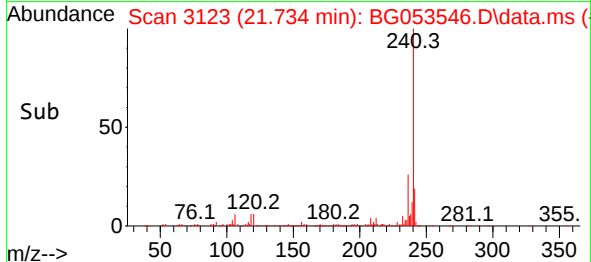
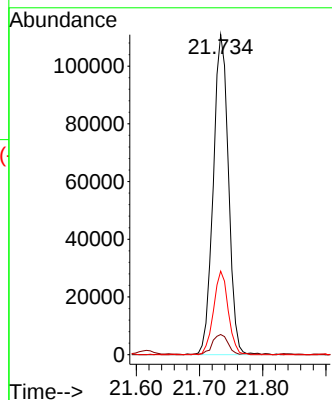
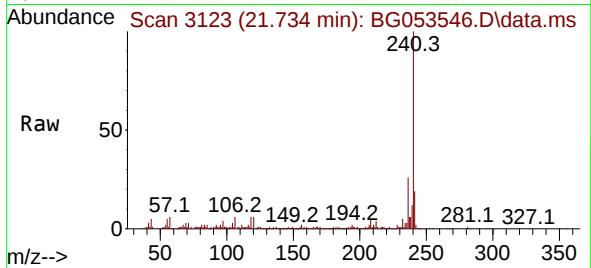




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.734 min Scan# 31
Delta R.T. -0.008 min
Lab File: BG053546.D
Acq: 13 May 2022 17:07

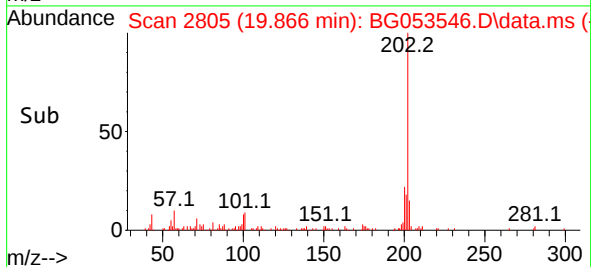
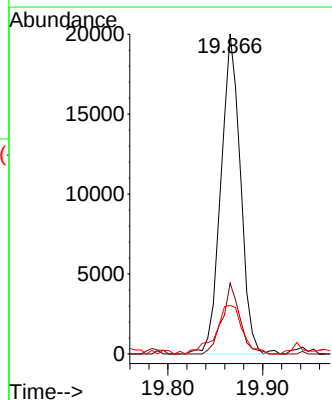
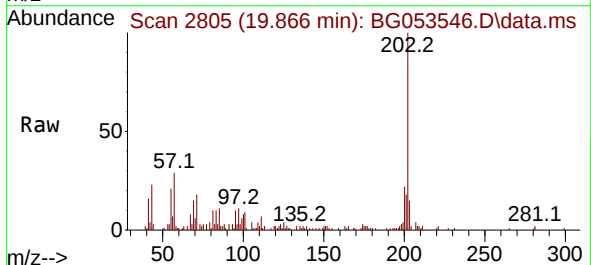
Instrument :
BNA_G
ClientSampleId :
SC-5

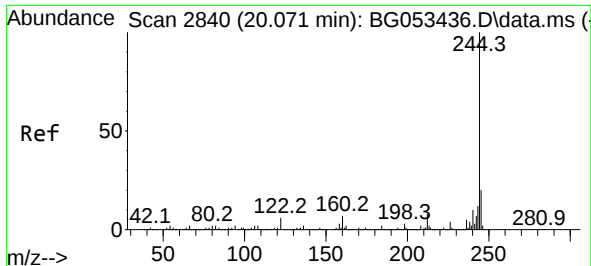
Tgt Ion:240 Resp: 185364
Ion Ratio Lower Upper
240 100
120 6.3 4.6 7.0
236 26.1 20.2 30.4



#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

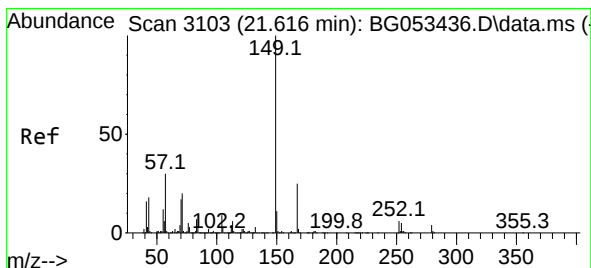
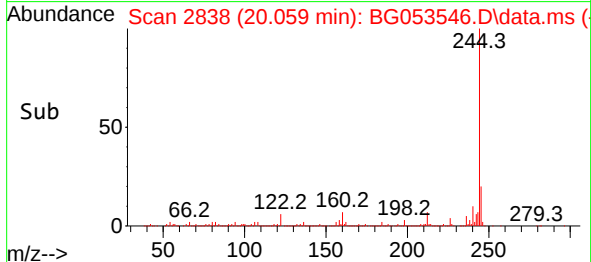
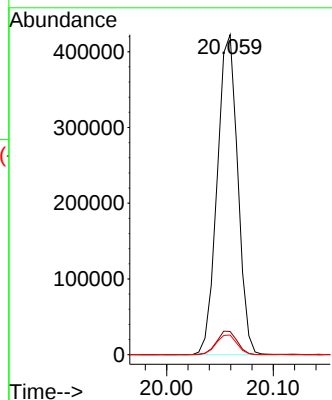
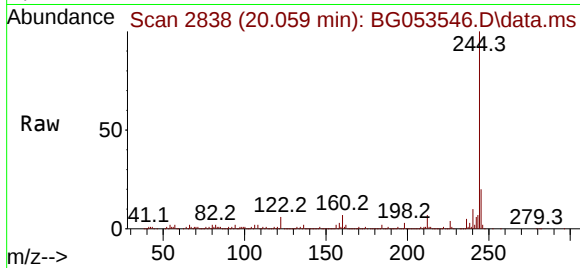




#79
 Terphenyl-d14
 Concen: 56.613 ng
 RT: 20.059 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG053546.D
 Acq: 13 May 2022 17:07

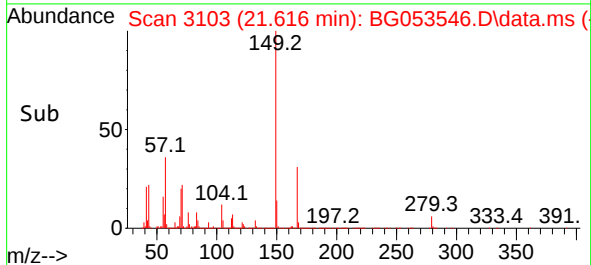
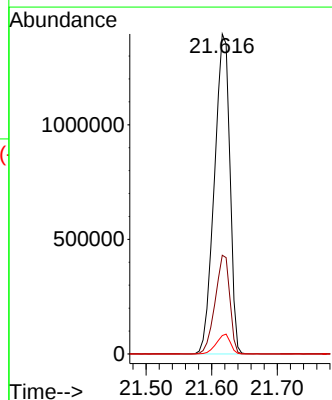
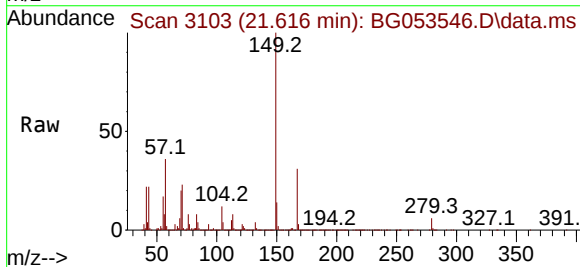
Instrument :
 BNA_G
 ClientSampleId :
 SC-5

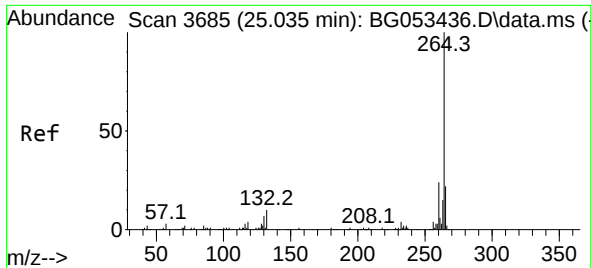
Tgt Ion:244 Resp: 563442
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.5 9.7
 122 6.2 5.0 7.4



#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

