

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032122\
 Data File : BG052765.D
 Acq On : 21 Mar 2022 13:17
 Operator : CG/JU
 Sample : N1983-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 124042

Quant Time: Mar 21 13:50:49 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 15 15:56:10 2022
 Response via : Initial Calibration

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

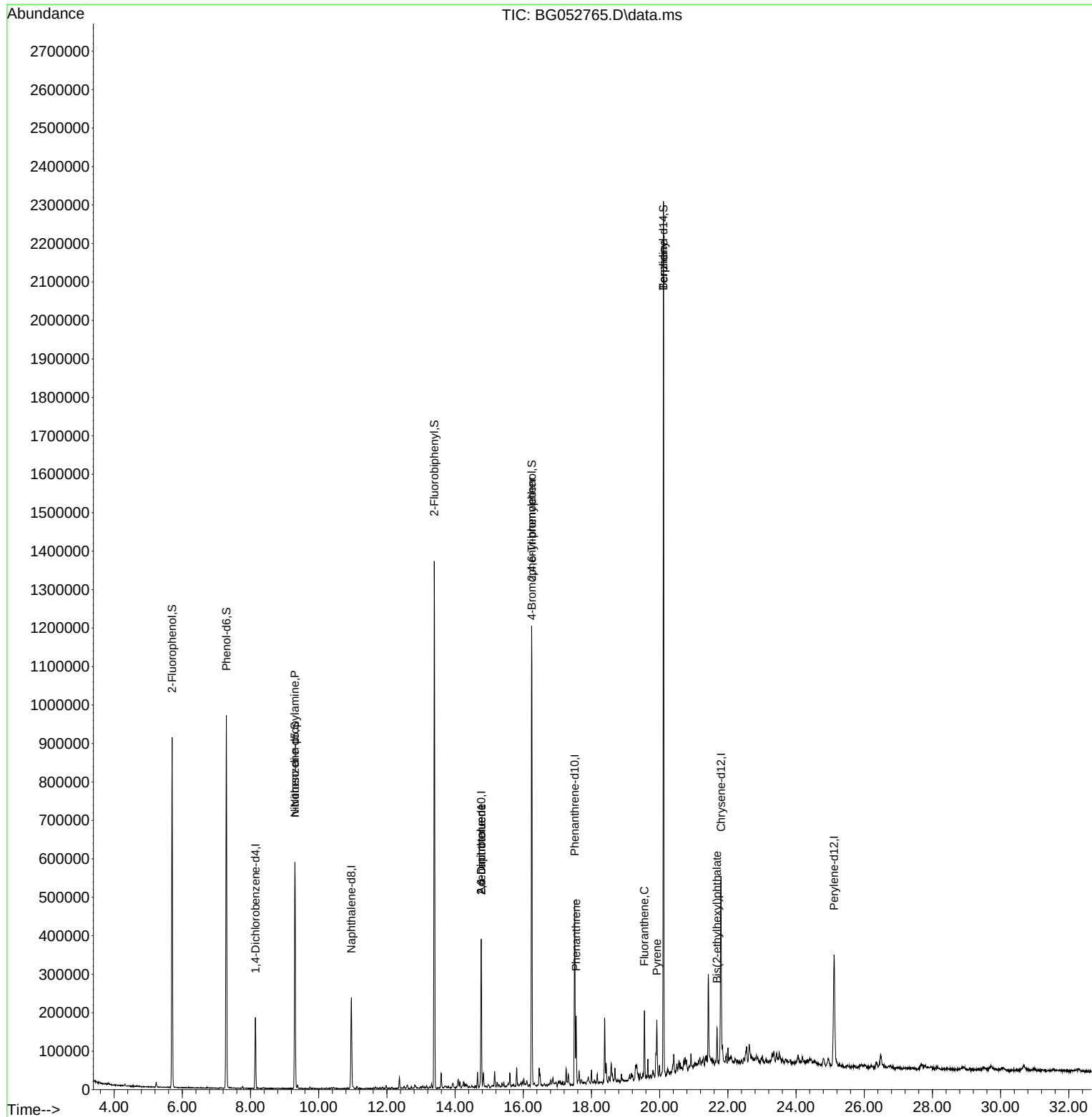
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.146	152	49187	20.000	ng	-0.01
21) Naphthalene-d8	10.960	136	198480	20.000	ng	#-0.01
39) Acenaphthene-d10	14.767	164	137860	20.000	ng	0.00
64) Phenanthrene-d10	17.510	188	300231	20.000	ng	0.00
76) Chrysene-d12	21.798	240	300359	20.000	ng	-0.01
86) Perylene-d12	25.117	264	316456	20.000	ng	#-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.702	112	372781	131.987	ng	0.00
7) Phenol-d6	7.294	99	541390	127.145	ng	0.00
23) Nitrobenzene-d5	9.303	82	374377	94.670	ng	-0.01
42) 2,4,6-Tribromophenol	16.247	330	230772	124.575	ng	-0.01
45) 2-Fluorobiphenyl	13.392	172	717735	76.784	ng	-0.01
79) Terphenyl-d14	20.112	244	1078065	63.847	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	7.283	77	1177	Below Cal	#	5
19) n-Nitroso-di-n-propyla...	9.303	70	51686	17.139	ng	# 81
51) 2,6-Dinitrotoluene	14.767	165	18827	10.883	ng	# 26
57) 2,4-Dinitrotoluene	14.767	165	18827	7.844	ng	# 25
67) 4-Bromophenyl-phenylether	16.253	248	14900	4.116	ng	# 1
71) Phenanthrene	17.551	178	111353	6.933	ng	96
75) Fluoranthene	19.554	202	108354	5.315	ng	98
77) Benzidine	20.112	184	19551	2.524	ng	# 94
78) Pyrene	19.919	202	85895	4.123	ng	98
84) Bis(2-ethylhexyl)phtha...	21.681	149	38820	3.862	ng	# 90

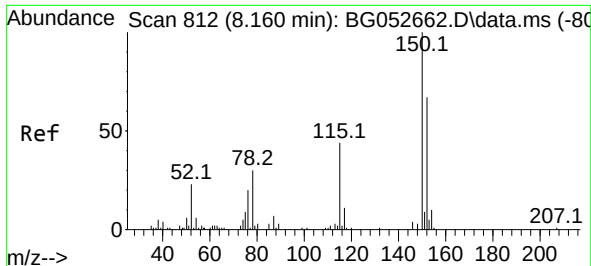
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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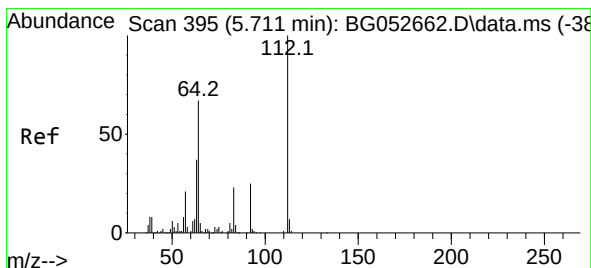
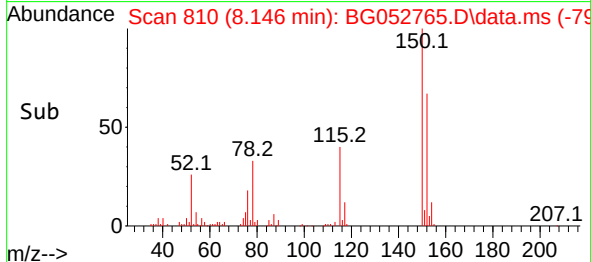
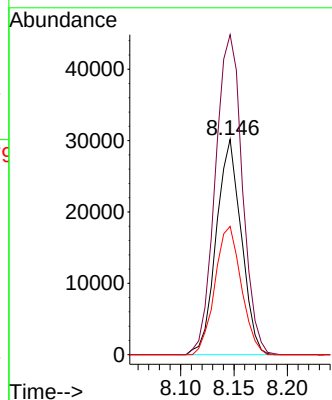
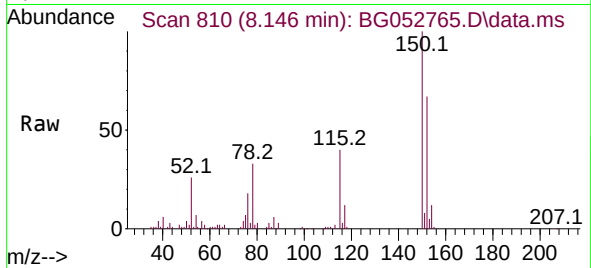




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.146 min Scan# 812
Delta R.T. -0.014 min
Lab File: BG052765.D
Acq: 21 Mar 2022 13:17

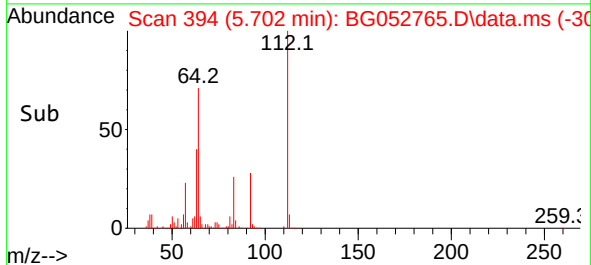
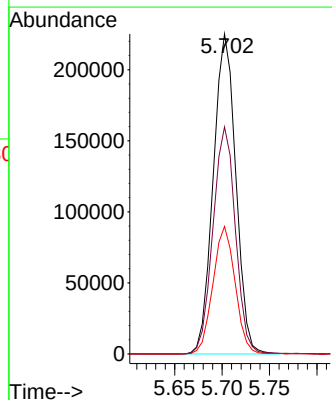
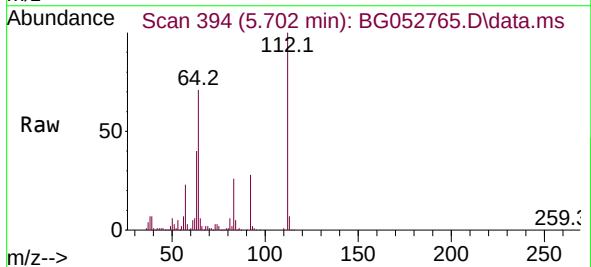
Instrument :
BNA_G
ClientSampleId :
124042

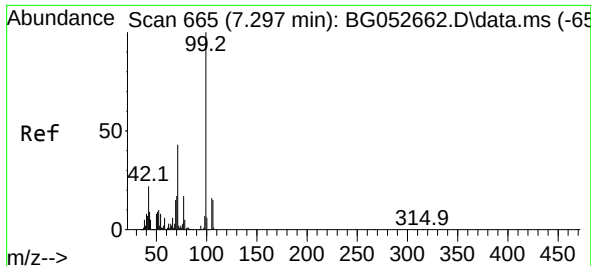
Tgt Ion:152 Resp: 49187
Ion Ratio Lower Upper
152 100
150 148.6 114.6 172.0
115 59.6 45.9 68.9



#5
2-Fluorophenol
Concen: 131.987 ng
RT: 5.702 min Scan# 394
Delta R.T. -0.008 min
Lab File: BG052765.D
Acq: 21 Mar 2022 13:17

Tgt Ion:112 Resp: 372781
Ion Ratio Lower Upper
112 100
64 71.0 48.0 72.0
63 39.8 26.5 39.7#

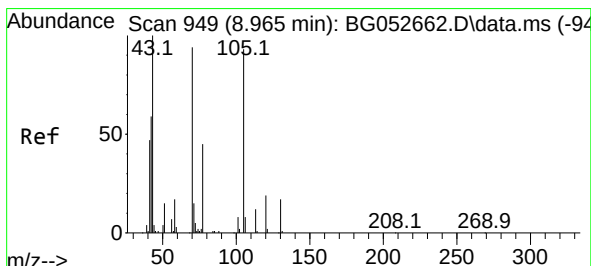
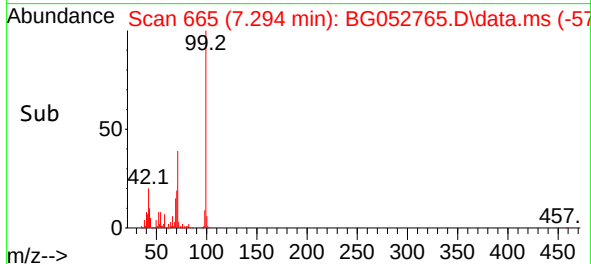
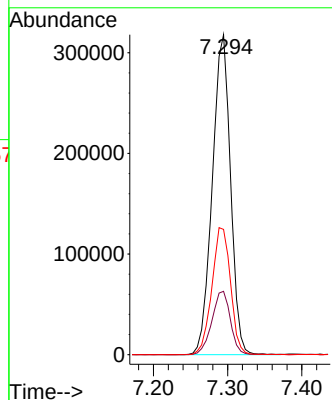
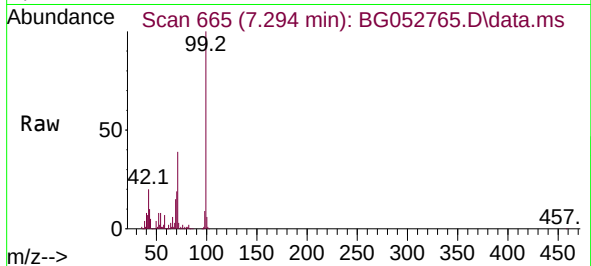




#7
Phenol-d6
Concen: 127.145 ng
RT: 7.294 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG052765.D
Acq: 21 Mar 2022 13:17

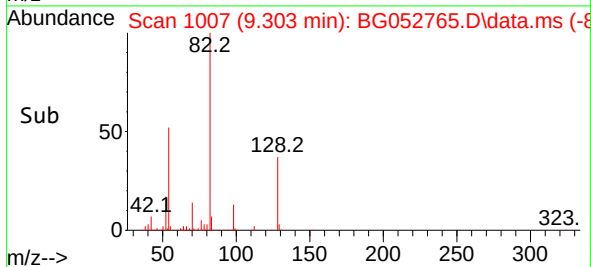
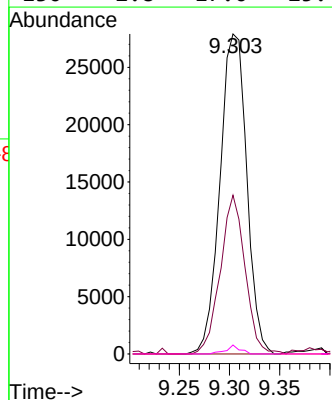
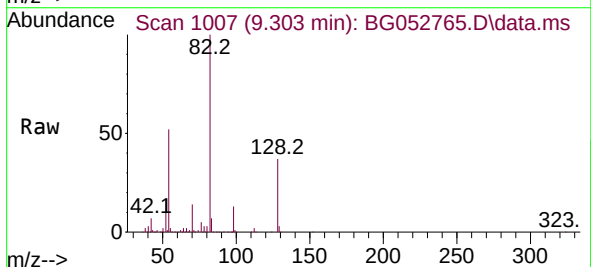
Instrument :
BNA_G
ClientSampleId :
124042

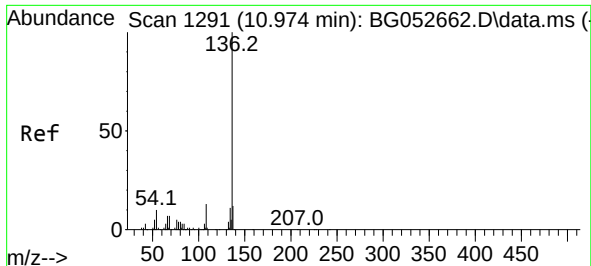
Tgt Ion: 99 Resp: 541390
Ion Ratio Lower Upper
99 100
42 19.8 14.7 22.1
71 39.2 29.2 43.8



#19
n-Nitroso-di-n-propylamine
Concen: 17.139 ng
RT: 9.303 min Scan# 1007
Delta R.T. 0.338 min
Lab File: BG052765.D
Acq: 21 Mar 2022 13:17

Tgt Ion: 70 Resp: 51686
Ion Ratio Lower Upper
70 100
42 49.6 46.0 69.0
101 0.0 6.2 9.4#
130 2.8 17.0 25.4#

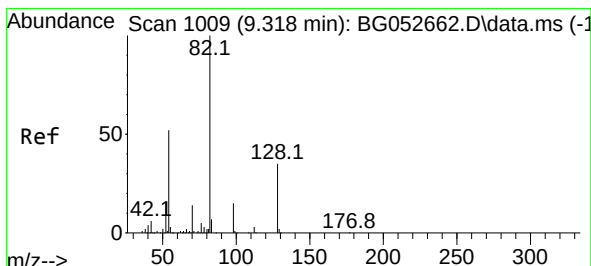
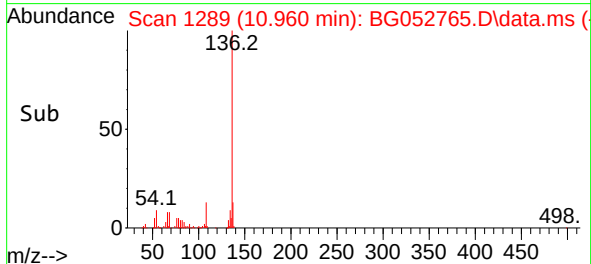
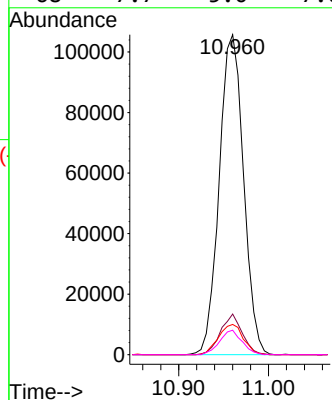
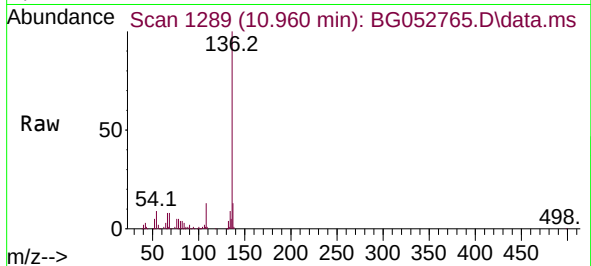




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.960 min Scan# 1107
Delta R.T. -0.014 min
Lab File: BG052765.D
Acq: 21 Mar 2022 13:17

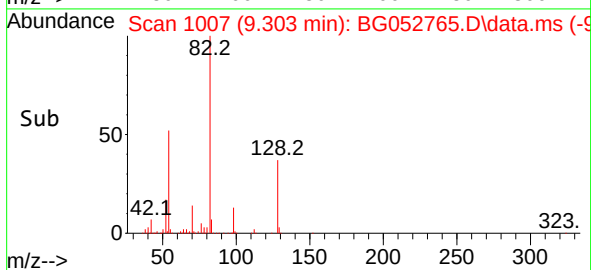
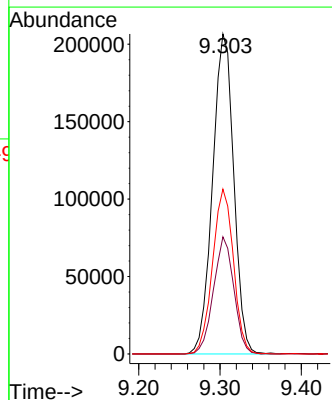
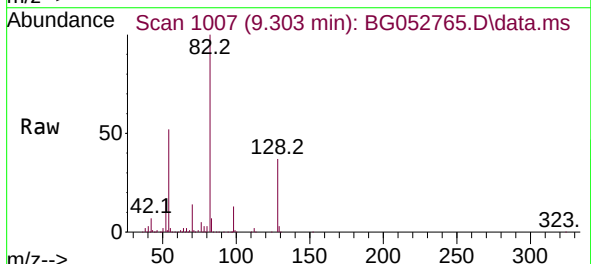
Instrument :
BNA_G
ClientSampleId :
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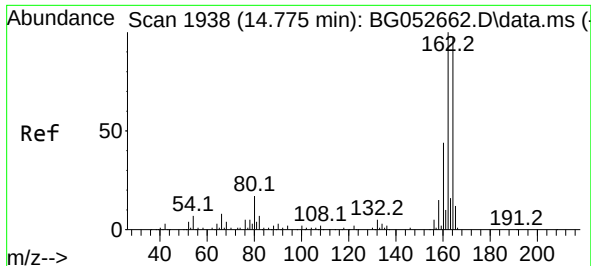
Tgt Ion:136 Resp: 198480
Ion Ratio Lower Upper
136 100
137 12.7 9.4 14.2
54 9.4 6.4 9.6
68 7.7 5.0 7.6#



#23
Nitrobenzene-d5
Concen: 94.670 ng
RT: 9.303 min Scan# 1007
Delta R.T. -0.014 min
Lab File: BG052765.D
Acq: 21 Mar 2022 13:17

Tgt Ion: 82 Resp: 374377
Ion Ratio Lower Upper
82 100
128 36.6 31.3 46.9
54 51.5 37.8 56.8

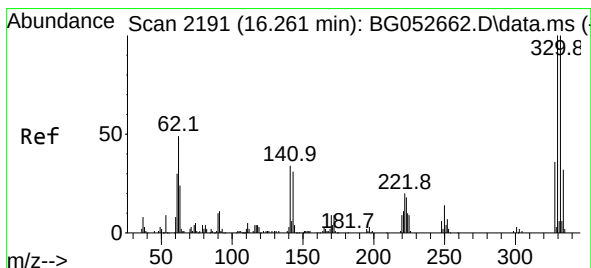
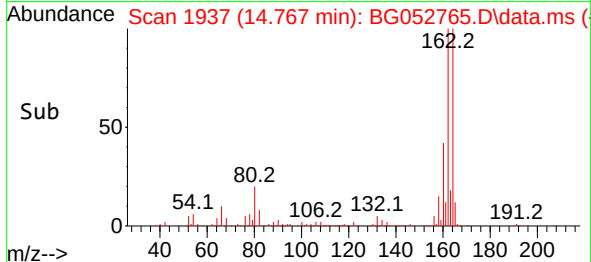
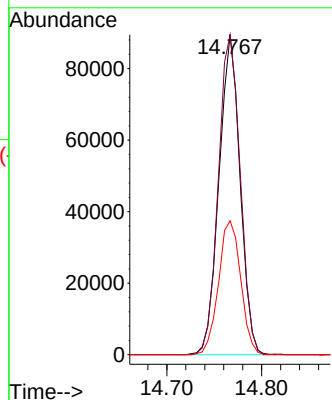
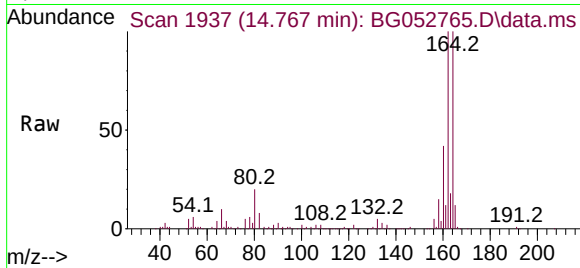




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.767 min Scan# 1937
Delta R.T. -0.008 min
Lab File: BG052765.D
Acq: 21 Mar 2022 13:17

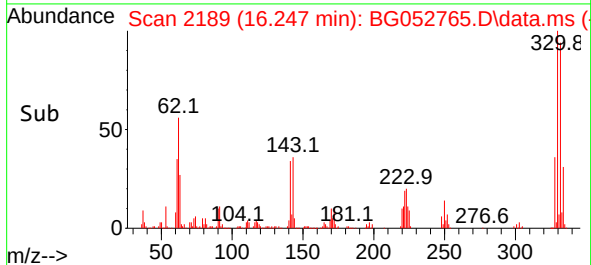
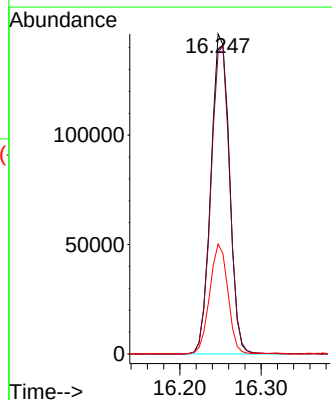
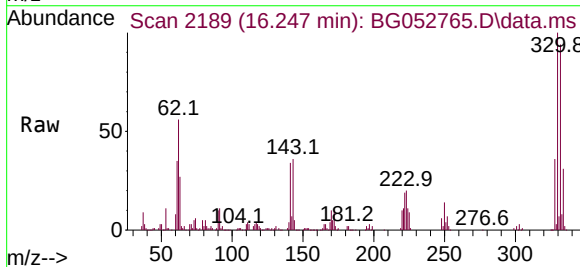
Instrument :
BNA_G
ClientSampleId :
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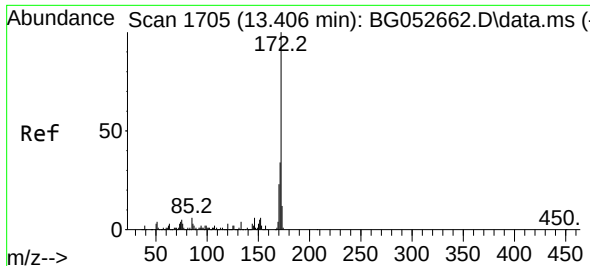
Tgt Ion:164 Resp: 137860
Ion Ratio Lower Upper
164 100
162 100.0 80.0 120.0
160 41.9 38.8 58.2



#42
2,4,6-Tribromophenol
Concen: 124.575 ng
RT: 16.247 min Scan# 2189
Delta R.T. -0.014 min
Lab File: BG052765.D
Acq: 21 Mar 2022 13:17

Tgt Ion:330 Resp: 230772
Ion Ratio Lower Upper
330 100
332 97.1 75.8 113.6
141 33.7 24.6 36.8

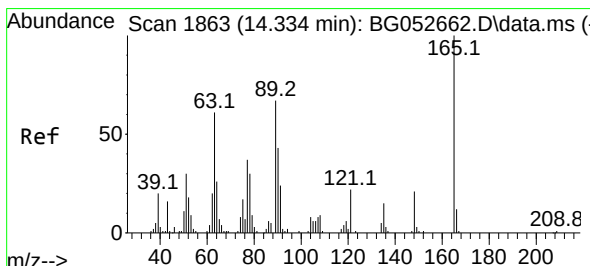
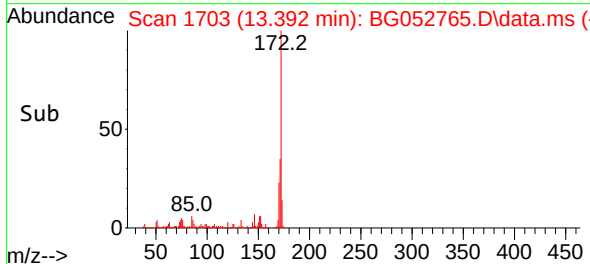
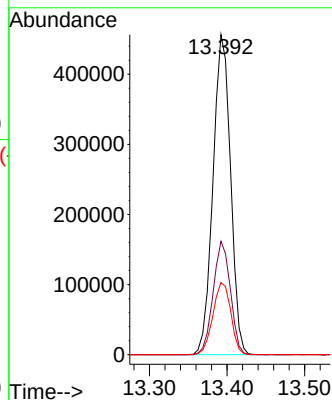
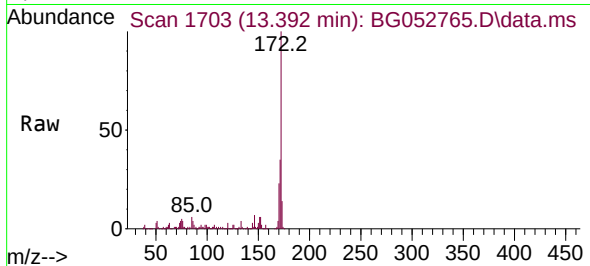




#45
2-Fluorobiphenyl
Concen: 76.784 ng
RT: 13.392 min Scan# 11
Delta R.T. -0.014 min
Lab File: BG052765.D
Acq: 21 Mar 2022 13:17

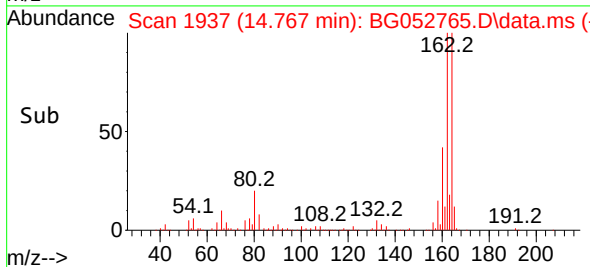
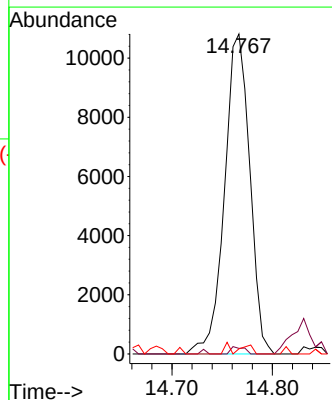
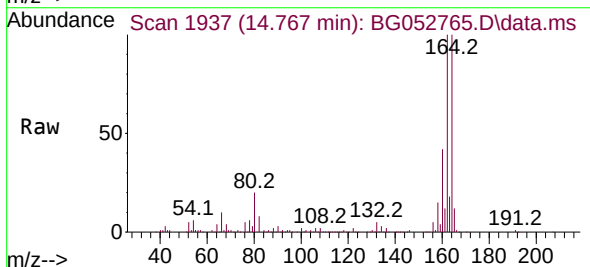
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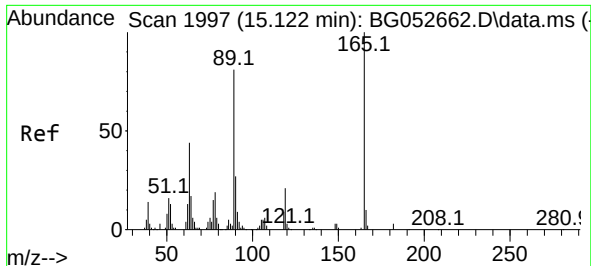
Tgt Ion:172 Resp: 717735
Ion Ratio Lower Upper
172 100
171 35.4 28.3 42.5
170 22.5 18.0 27.0



#51
2,6-Dinitrotoluene
Concen: 10.883 ng
RT: 14.767 min Scan# 1937
Delta R.T. 0.432 min
Lab File: BG052765.D
Acq: 21 Mar 2022 13:17

Tgt Ion:165 Resp: 18827
Ion Ratio Lower Upper
165 100
63 1.8 43.7 65.5#
89 1.6 45.0 67.4#

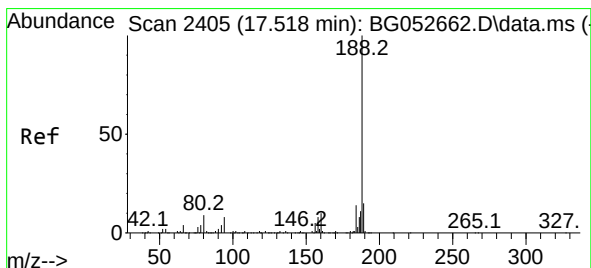
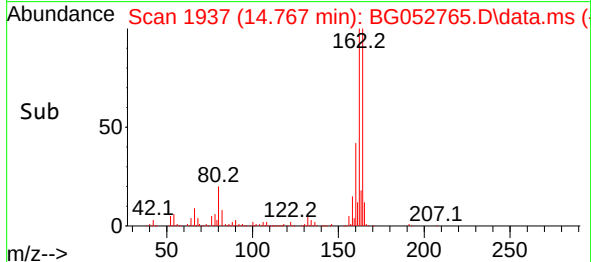
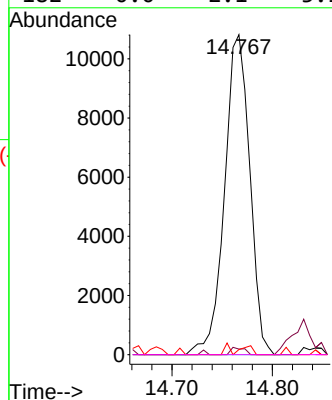
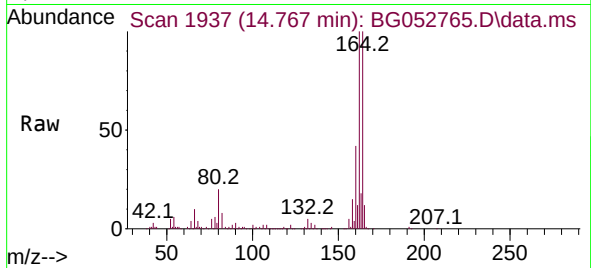




#57
2,4-Dinitrotoluene
Concen: 7.844 ng
RT: 14.767 min Scan# 1997
Delta R.T. -0.355 min
Lab File: BG052765.D
Acq: 21 Mar 2022 13:17

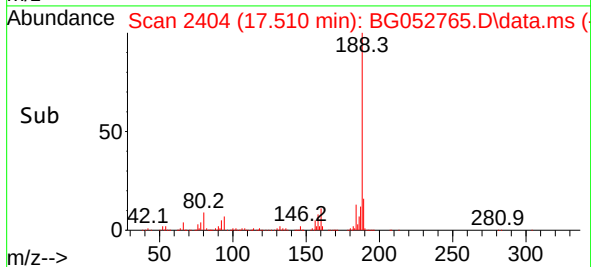
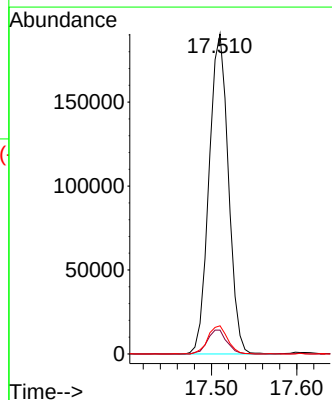
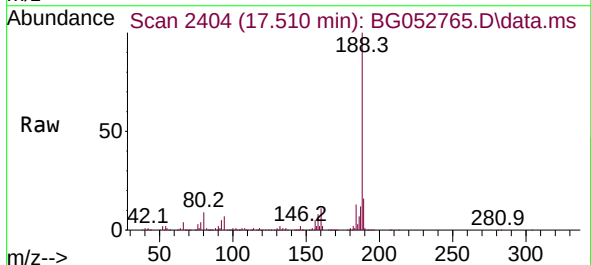
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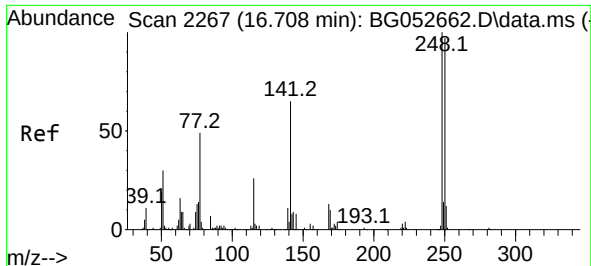
Tgt Ion:165 Resp: 18827
Ion Ratio Lower Upper
165 100
63 1.8 34.8 52.2#
89 1.6 57.4 86.0#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.510 min Scan# 2404
Delta R.T. -0.008 min
Lab File: BG052765.D
Acq: 21 Mar 2022 13:17

Tgt Ion:188 Resp: 300231
Ion Ratio Lower Upper
188 100
94 7.5 5.7 8.5
80 8.8 7.2 10.8

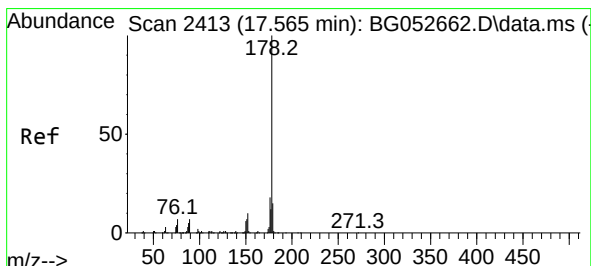
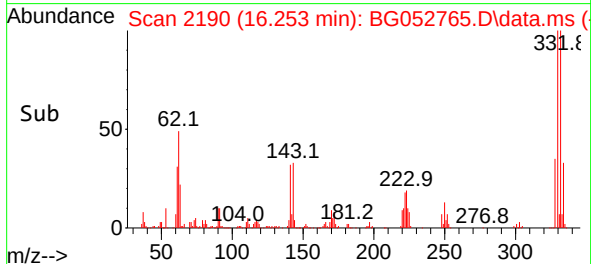
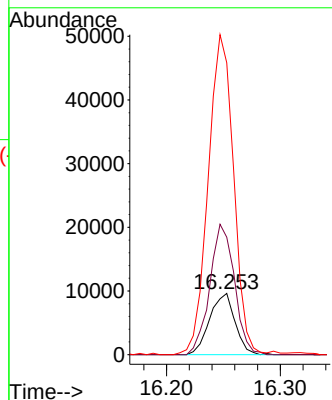
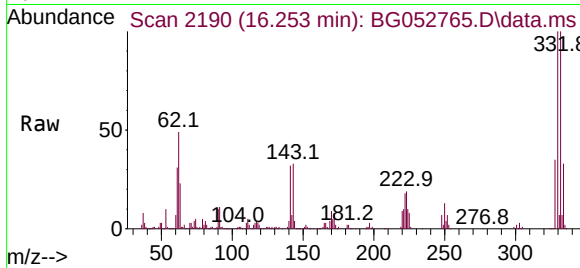




#67
4-Bromophenyl-phenylether
Concen: 4.116 ng
RT: 16.253 min Scan# 2111
Delta R.T. -0.455 min
Lab File: BG052765.D
Acq: 21 Mar 2022 13:17

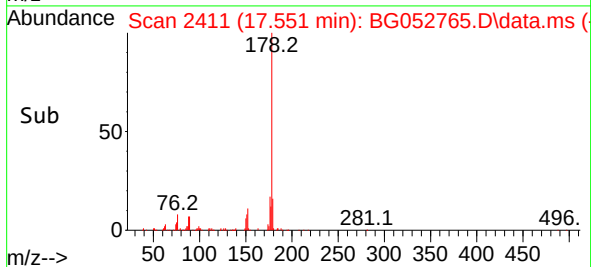
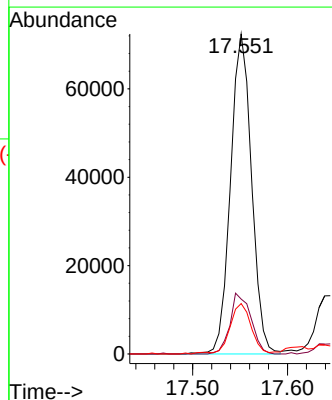
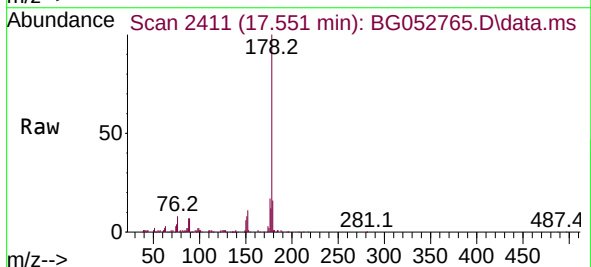
Instrument :
BNA_G
ClientSampleId :
124042

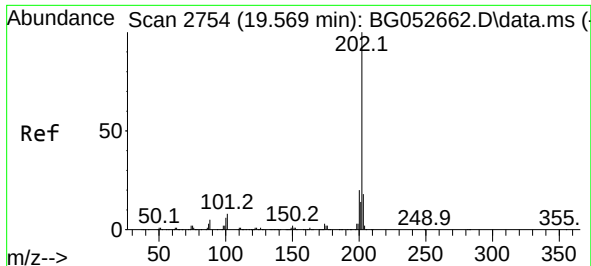
Tgt Ion:248 Resp: 14900
Ion Ratio Lower Upper
248 100
250 191.7 77.9 116.9#
141 476.6 49.2 73.8#



#71
Phenanthrene
Concen: 6.933 ng
RT: 17.551 min Scan# 2411
Delta R.T. -0.014 min
Lab File: BG052765.D
Acq: 21 Mar 2022 13:17

Tgt Ion:178 Resp: 111353
Ion Ratio Lower Upper
178 100
176 17.2 15.9 23.9
179 15.7 13.4 20.2

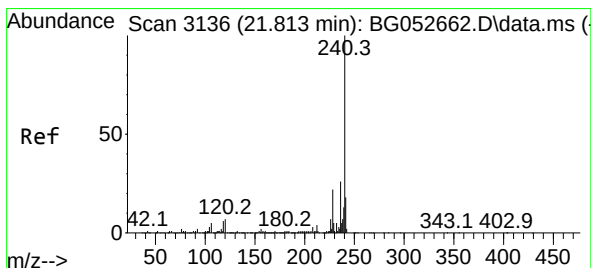
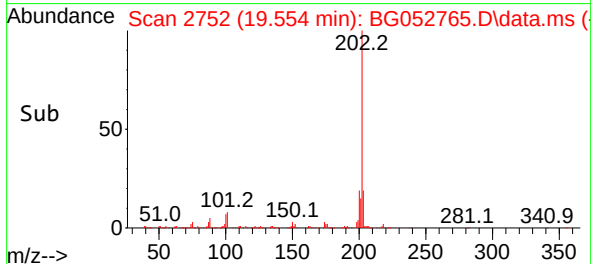
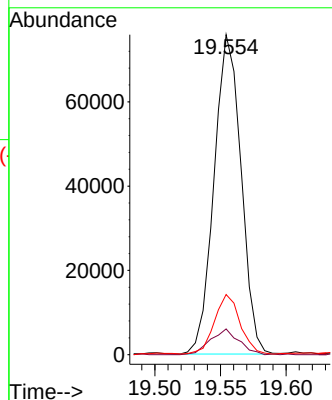
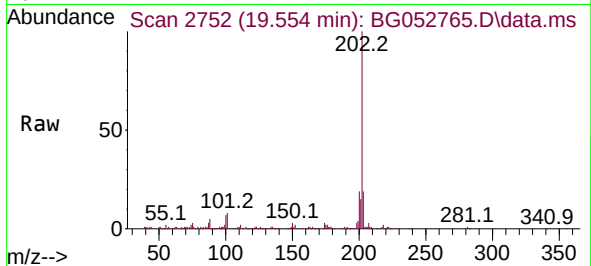




#75
Fluoranthene
Concen: 5.315 ng
RT: 19.554 min Scan# 21
Delta R.T. -0.014 min
Lab File: BG052765.D
Acq: 21 Mar 2022 13:17

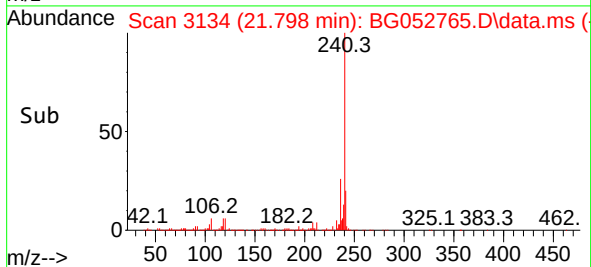
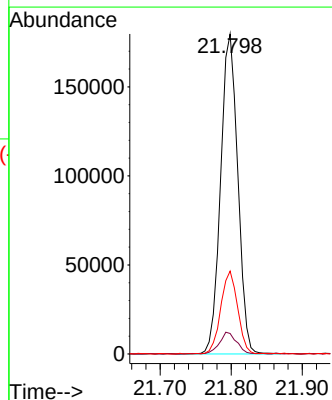
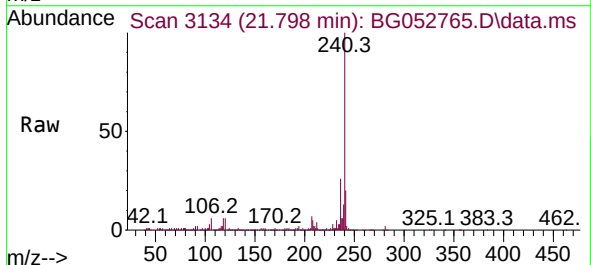
Instrument :
BNA_G
ClientSampleId :
124042

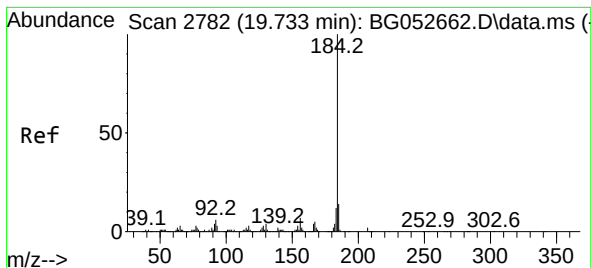
Tgt Ion:202 Resp: 108354
Ion Ratio Lower Upper
202 100
101 8.0 0.0 27.3
203 18.8 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.798 min Scan# 3134
Delta R.T. -0.014 min
Lab File: BG052765.D
Acq: 21 Mar 2022 13:17

Tgt Ion:240 Resp: 300359
Ion Ratio Lower Upper
240 100
120 6.4 5.4 8.0
236 25.9 19.8 29.6





#77

Benzidine

Concen: 2.524 ng

RT: 20.112 min Scan# 21

Delta R.T. 0.379 min

Lab File: BG052765.D

Acq: 21 Mar 2022 13:17

Instrument :

BNA_G

ClientSampleId :

124042

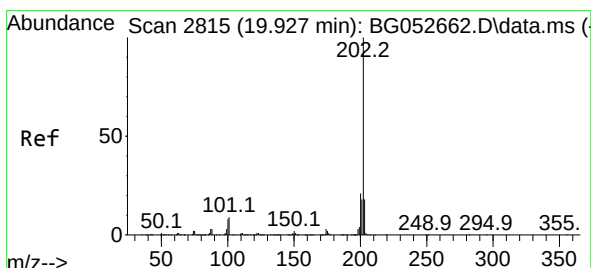
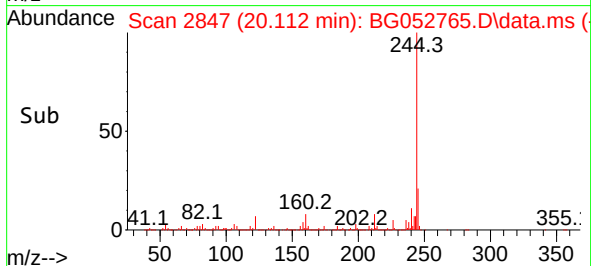
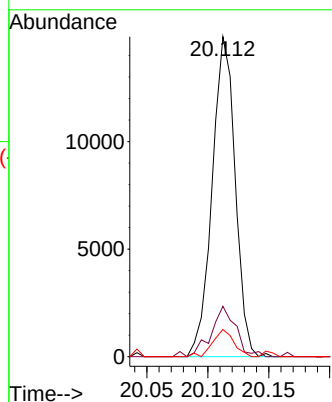
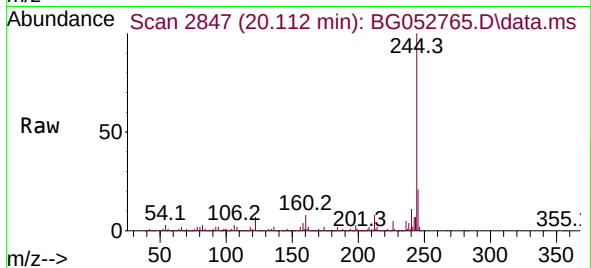
Tgt Ion:184 Resp: 19551

Ion Ratio Lower Upper

184 100

185 15.8 11.5 17.3

183 8.5 9.4 14.2#



#78

Pyrene

Concen: 4.123 ng

RT: 19.919 min Scan# 2814

Delta R.T. -0.008 min

Lab File: BG052765.D

Acq: 21 Mar 2022 13:17

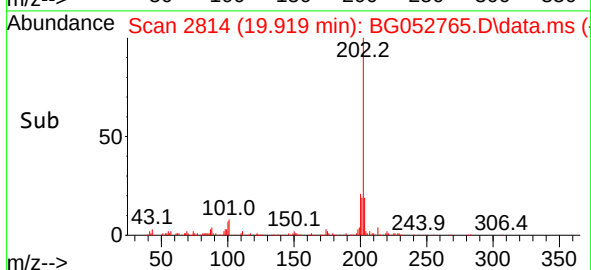
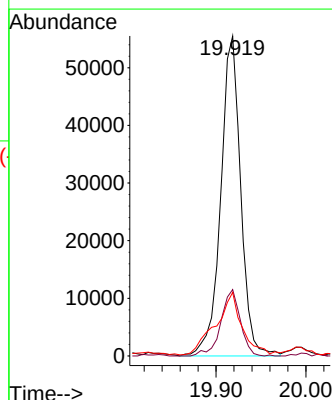
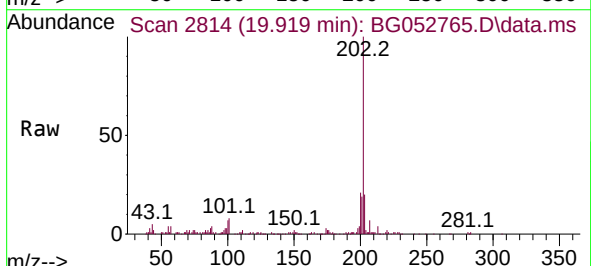
Tgt Ion:202 Resp: 85895

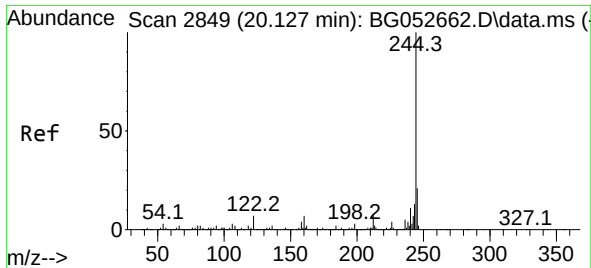
Ion Ratio Lower Upper

202 100

200 20.7 17.0 25.6

203 19.9 15.0 22.6

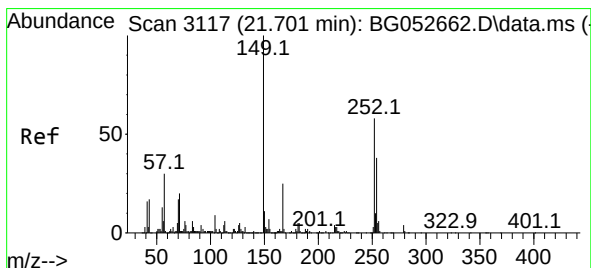
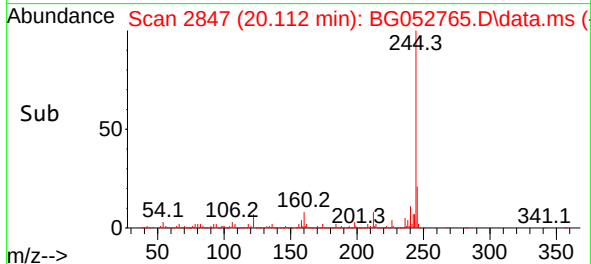
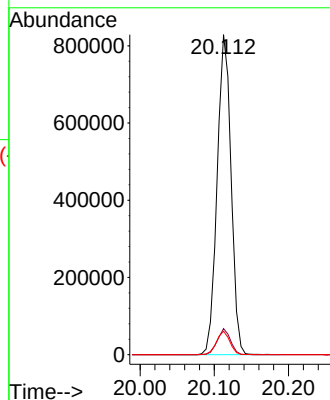
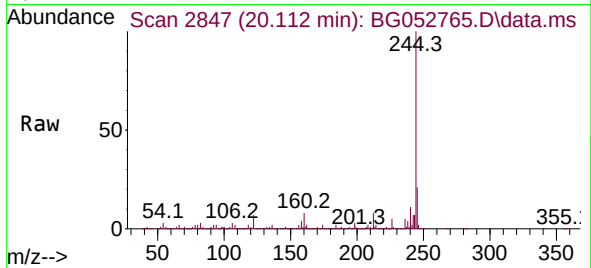




#79
 Terphenyl-d14
 Concen: 63.847 ng
 RT: 20.112 min Scan# 21
 Delta R.T. -0.014 min
 Lab File: BG052765.D
 Acq: 21 Mar 2022 13:17

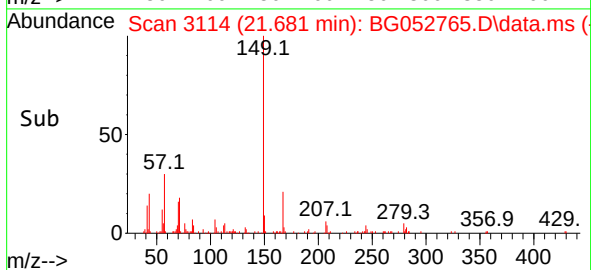
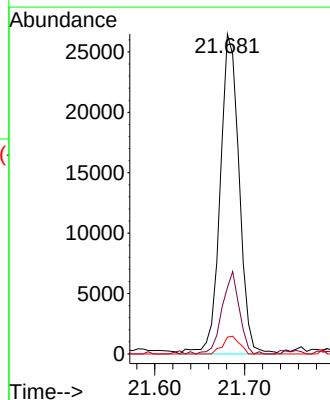
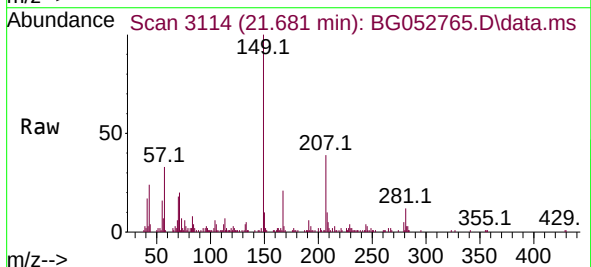
Instrument :
 BNA_G
 ClientSampleId :
 124042

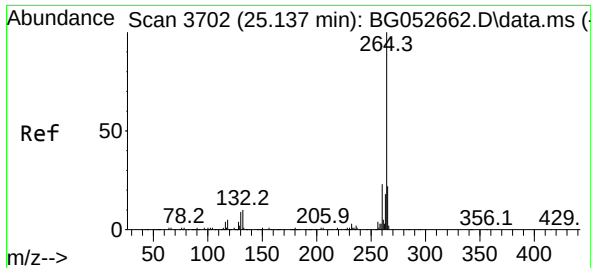
Tgt Ion:244 Resp: 1078065
 Ion Ratio Lower Upper
 244 100
 212 8.2 5.4 8.2#
 122 7.3 5.8 8.6



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.862 ng
 RT: 21.681 min Scan# 3114
 Delta R.T. -0.020 min
 Lab File: BG052765.D
 Acq: 21 Mar 2022 13:17

Tgt Ion:149 Resp: 38820
 Ion Ratio Lower Upper
 149 100
 167 20.8 21.4 32.2#
 279 5.2 3.8 5.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.117 min Scan# 30
Delta R.T. -0.020 min
Lab File: BG052765.D
Acq: 21 Mar 2022 13:17

Instrument :
BNA_G
ClientSampleId :
124042

Tgt Ion:264 Resp: 316456
Ion Ratio Lower Upper
264 100
260 23.9 18.2 27.2
265 24.3 15.1 22.7#

