

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052522\
 Data File : BG053707.D
 Acq On : 25 May 2022 23:46
 Operator : CG/JU
 Sample : N2895-10
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P030-SS002-0006-01

Quant Time: May 26 02:53:18 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 25 15:11:41 2022
 Response via : Initial Calibration

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

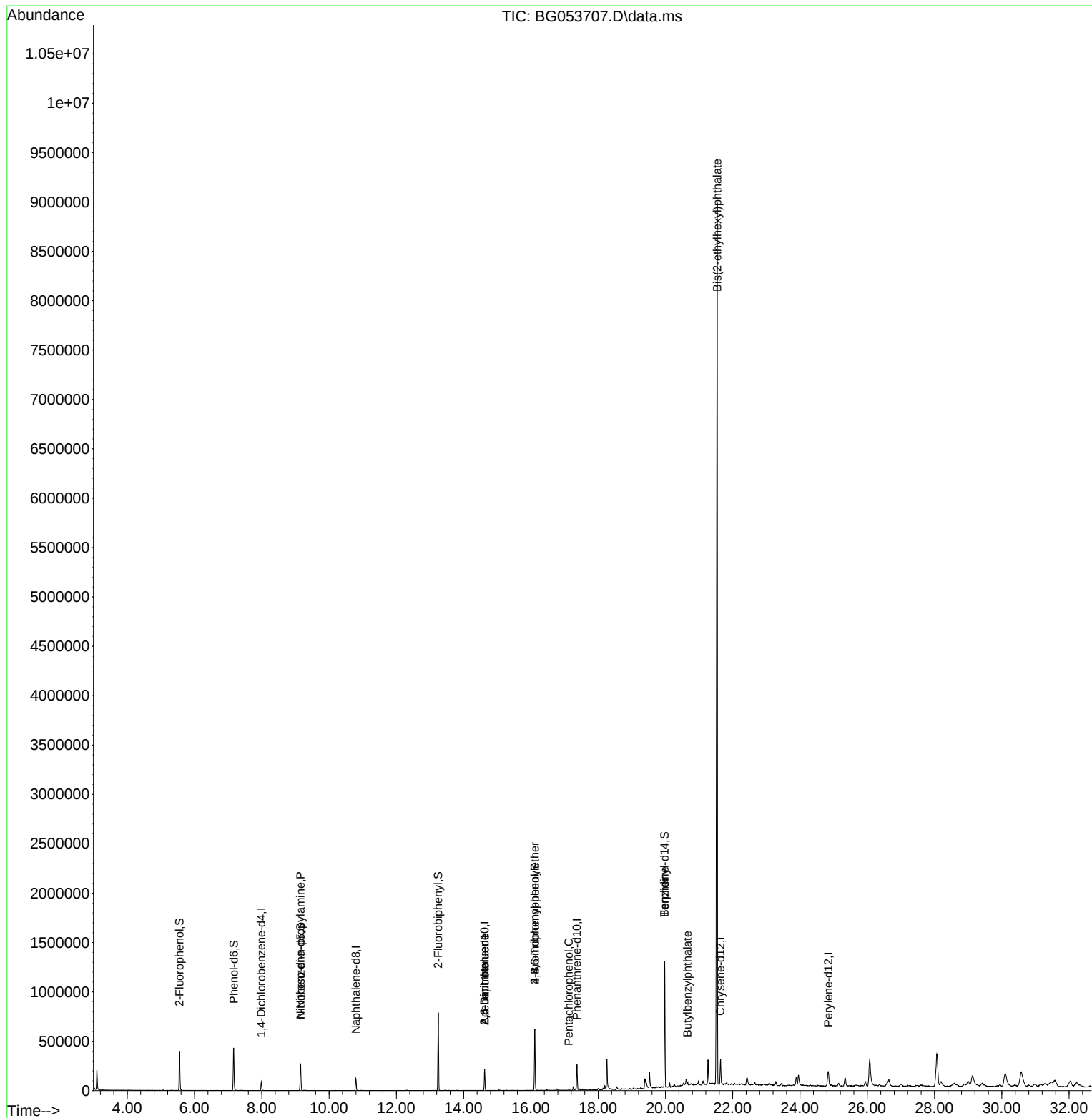
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.987	152	23296	20.000	ng	0.00
21) Naphthalene-d8	10.795	136	97855	20.000	ng	0.00
39) Acenaphthene-d10	14.625	164	73719	20.000	ng	0.00
64) Phenanthrene-d10	17.369	188	161816	20.000	ng	0.00
76) Chrysene-d12	21.634	240	151399	20.000	ng	0.00
86) Perylene-d12	24.841	264	160641	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.555	112	161232	117.459	ng	0.00
7) Phenol-d6	7.165	99	244998	117.605	ng	0.00
23) Nitrobenzene-d5	9.150	82	171831	74.749	ng	0.00
42) 2,4,6-Tribromophenol	16.117	330	128561	118.242	ng	0.00
45) 2-Fluorobiphenyl	13.245	172	405255	80.331	ng	0.00
79) Terphenyl-d14	19.977	244	644678	79.307	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.150	70	24975	16.709	ng	# 77
51) 2,6-Dinitrotoluene	14.625	165	9693	8.493	ng	# 16
57) 2,4-Dinitrotoluene	14.625	165	9693	5.859	ng	# 21
67) 4-Bromophenyl-phenylether	16.117	248	8037	4.253	ng	# 1
70) Pentachlorophenol	17.122	266	54	4.696	ng	# 16
77) Benzidine	19.977	184	11837	3.627	ng	99
80) Butylbenzylphthalate	20.658	149	8530	2.373	ng	# 81
84) Bis(2-ethylhexyl)phtha...	21.540	149	3868300	779.832	ng	# 76

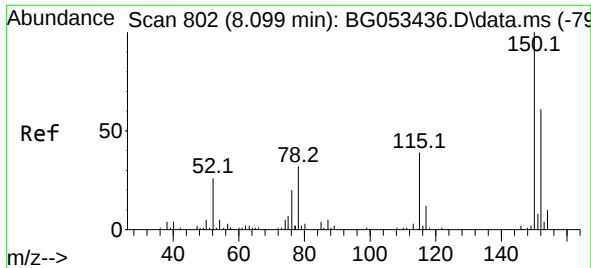
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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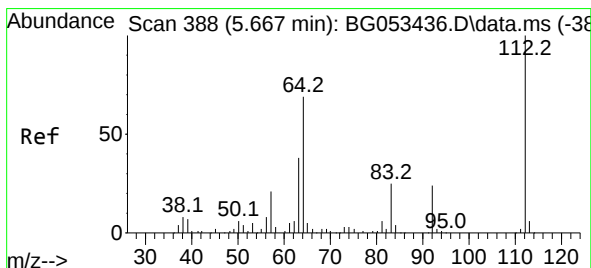
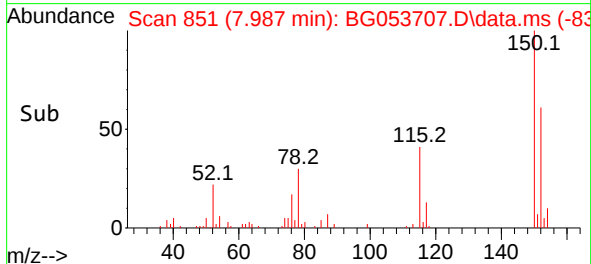
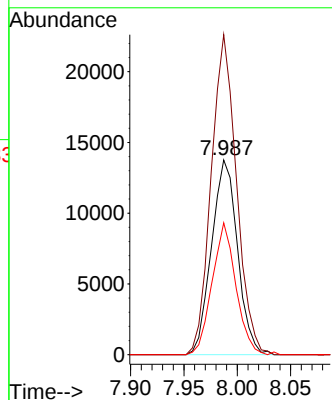
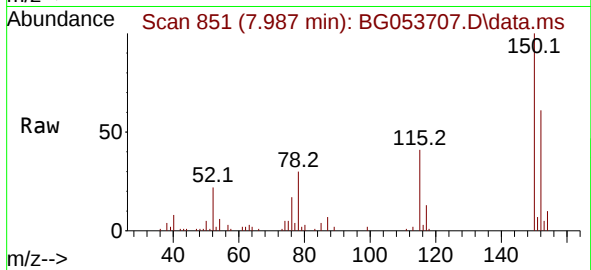




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.987 min Scan# 802
Delta R.T. 0.001 min
Lab File: BG053707.D
Acq: 25 May 2022 23:46

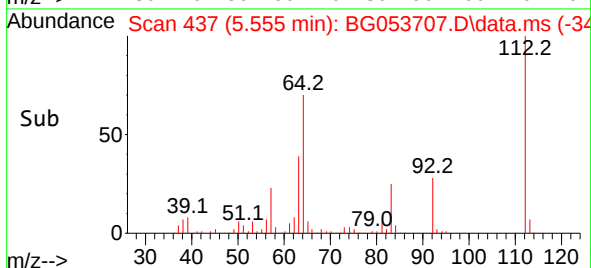
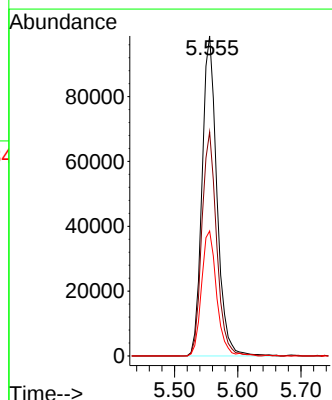
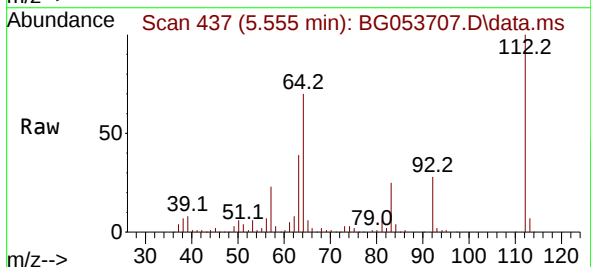
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BNA_G
ClientSampleId :
P030-SS002-0006-01

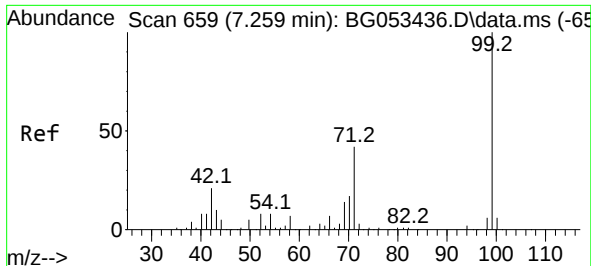
Tgt Ion:152 Resp: 23296
Ion Ratio Lower Upper
152 100
150 164.4 131.6 197.4
115 67.7 50.9 76.3



#5
2-Fluorophenol
Concen: 117.459 ng
RT: 5.555 min Scan# 437
Delta R.T. 0.001 min
Lab File: BG053707.D
Acq: 25 May 2022 23:46

Tgt Ion:112 Resp: 161232
Ion Ratio Lower Upper
112 100
64 70.0 55.1 82.7
63 39.0 30.4 45.6

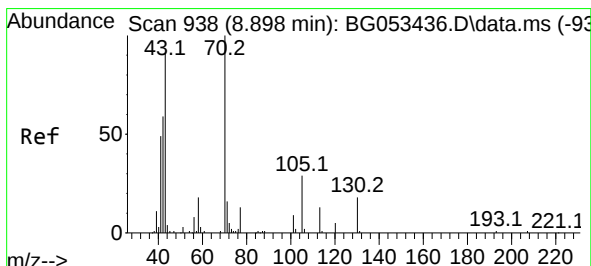
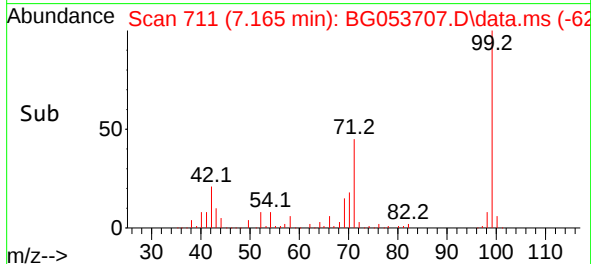
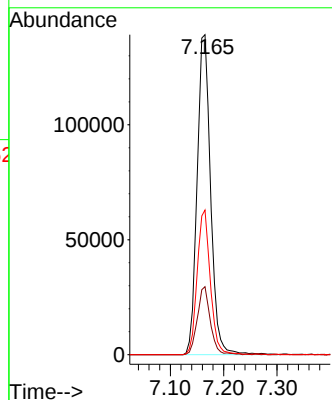
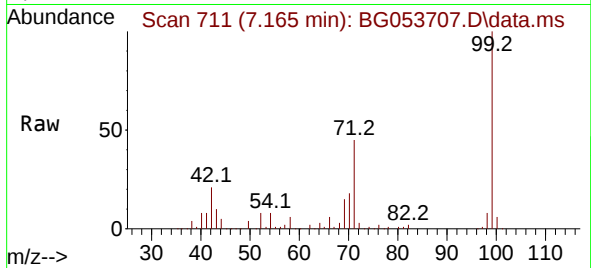




#7
Phenol-d6
Concen: 117.605 ng
RT: 7.165 min Scan# 71
Delta R.T. 0.001 min
Lab File: BG053707.D
Acq: 25 May 2022 23:46

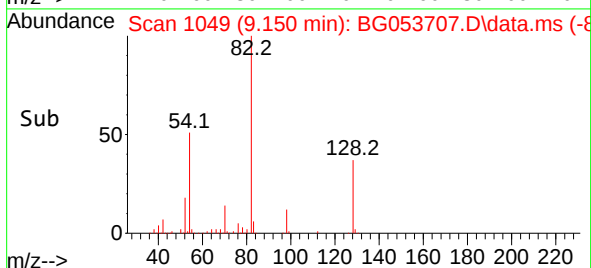
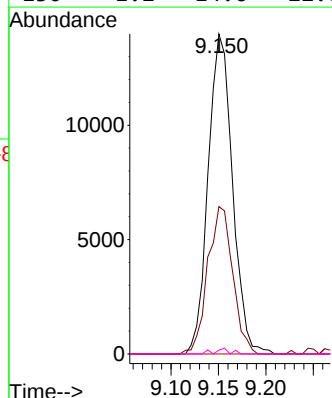
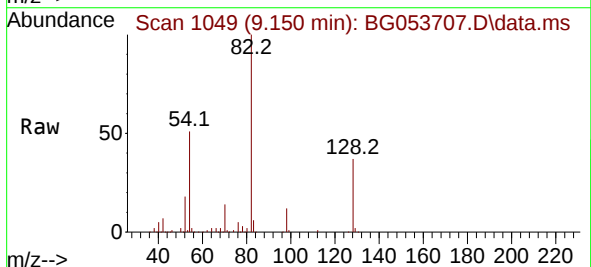
Instrument :
BNA_G
ClientSampleId :
P030-SS002-0006-01

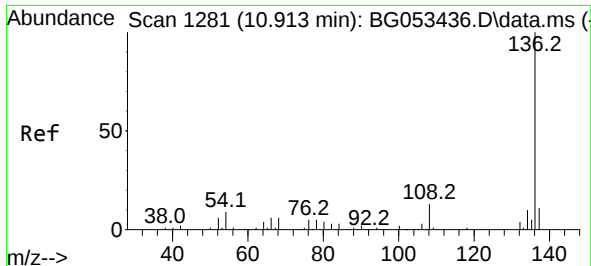
Tgt Ion: 99 Resp: 244998
Ion Ratio Lower Upper
99 100
42 21.3 17.0 25.6
71 45.2 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 16.709 ng
RT: 9.150 min Scan# 1049
Delta R.T. 0.354 min
Lab File: BG053707.D
Acq: 25 May 2022 23:46

Tgt Ion: 70 Resp: 24975
Ion Ratio Lower Upper
70 100
42 46.0 47.3 70.9#
101 0.0 7.0 10.4#
130 1.2 14.6 22.0#

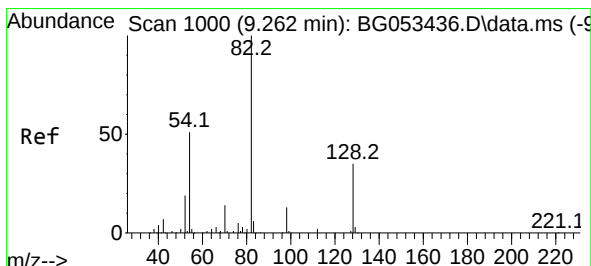
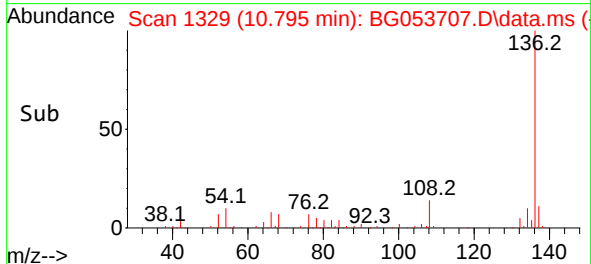
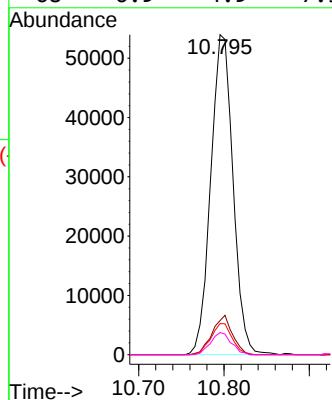
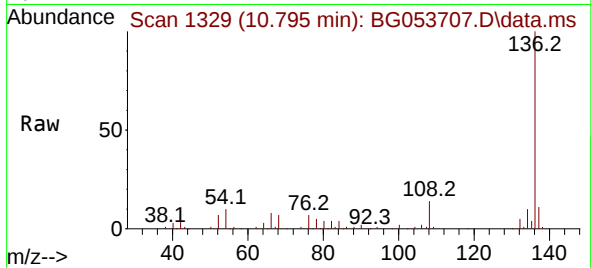




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.795 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG053707.D
Acq: 25 May 2022 23:46

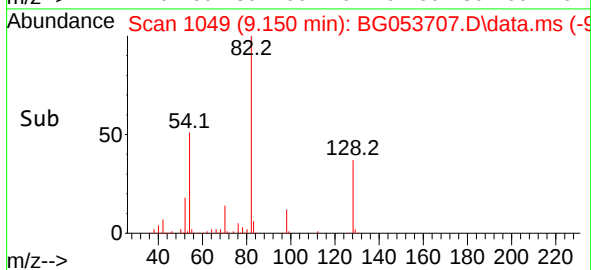
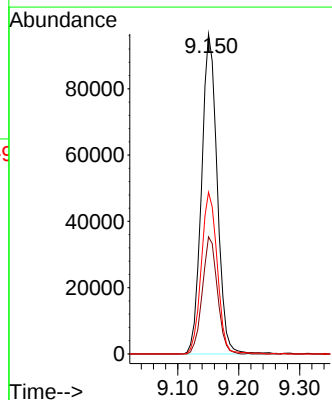
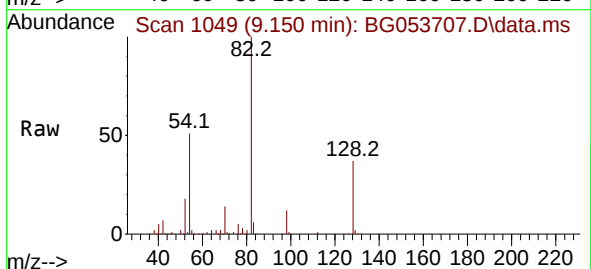
Instrument :
BNA_G
ClientSampleId :
P030-SS002-0006-01

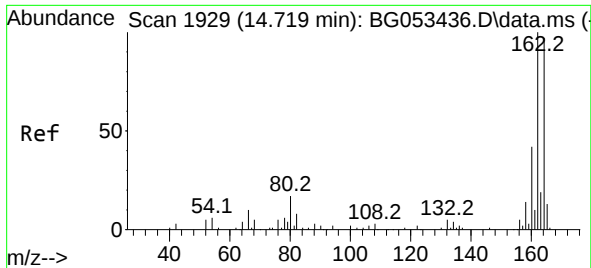
Tgt Ion:	136	Resp:	97855
Ion Ratio	Lower	Upper	
136	100		
137	10.6	8.5	12.7
54	9.7	7.4	11.2
68	6.9	4.9	7.3



#23
Nitrobenzene-d5
Concen: 74.749 ng
RT: 9.150 min Scan# 1049
Delta R.T. -0.005 min
Lab File: BG053707.D
Acq: 25 May 2022 23:46

Tgt Ion:	82	Resp:	171831
Ion Ratio	Lower	Upper	
82	100		
128	36.6	27.9	41.9
54	50.6	41.2	61.8

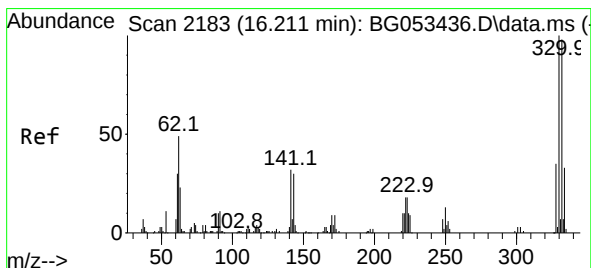
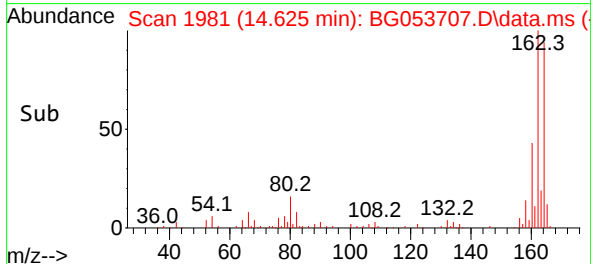
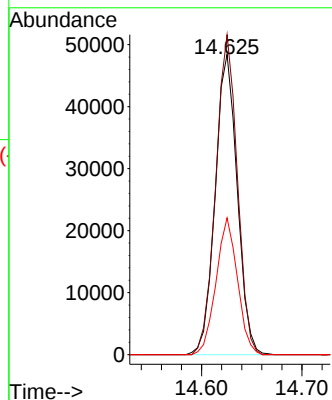
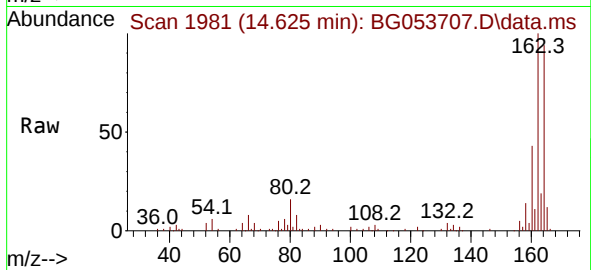




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.625 min Scan# 1929
Delta R.T. 0.001 min
Lab File: BG053707.D
Acq: 25 May 2022 23:46

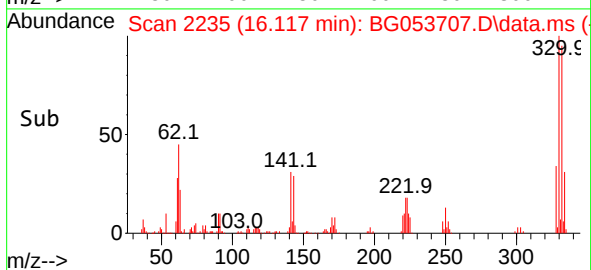
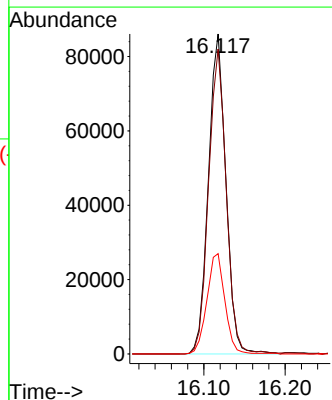
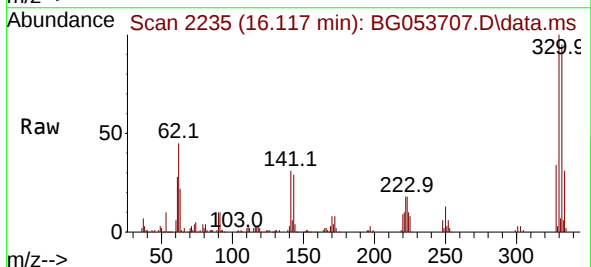
Instrument :
BNA_G
ClientSampleId :
P030-SS002-0006-01

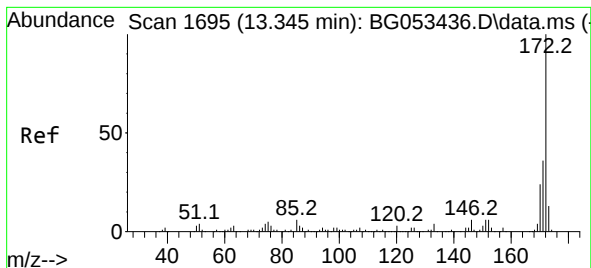
Tgt Ion:164 Resp: 73719
Ion Ratio Lower Upper
164 100
162 106.6 82.3 123.5
160 45.5 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 118.242 ng
RT: 16.117 min Scan# 2235
Delta R.T. 0.001 min
Lab File: BG053707.D
Acq: 25 May 2022 23:46

Tgt Ion:330 Resp: 128561
Ion Ratio Lower Upper
330 100
332 96.0 76.0 114.0
141 32.2 27.1 40.7

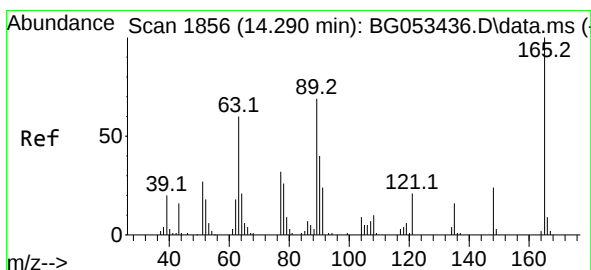
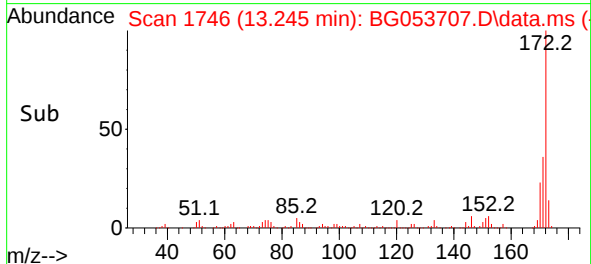
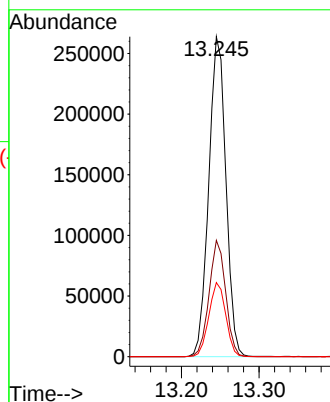
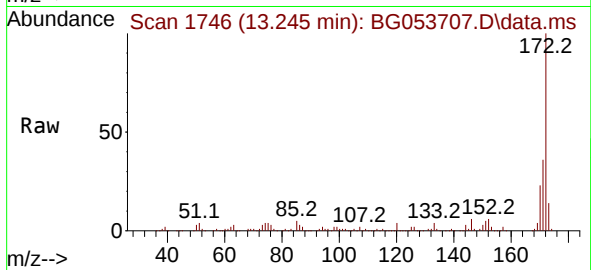




#45
 2-Fluorobiphenyl
 Concen: 80.331 ng
 RT: 13.245 min Scan# 1
 Delta R.T. 0.001 min
 Lab File: BG053707.D
 Acq: 25 May 2022 23:46

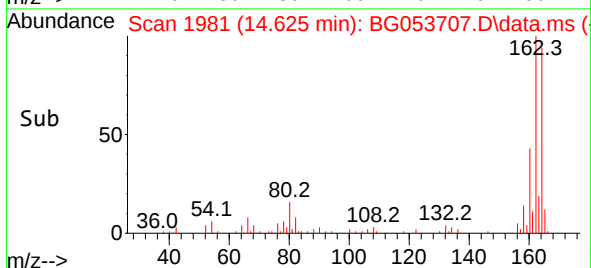
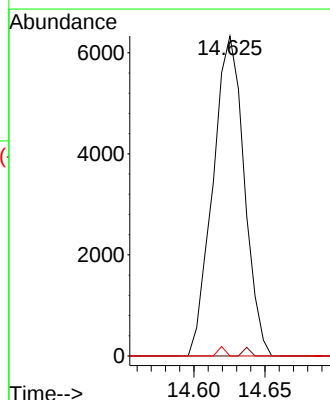
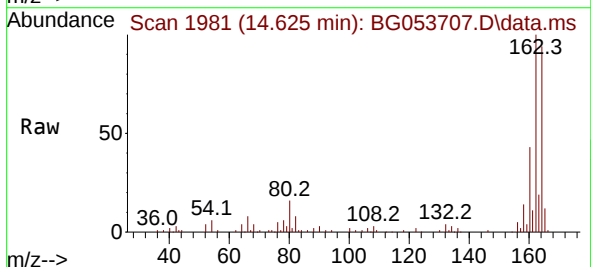
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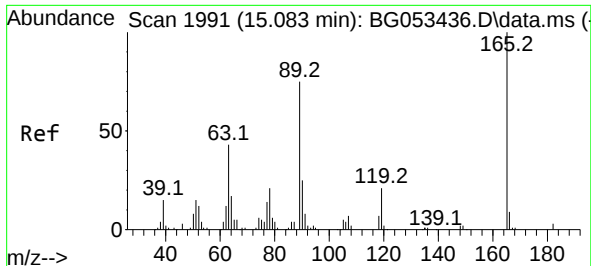
Tgt Ion:172 Resp: 405255
 Ion Ratio Lower Upper
 172 100
 171 36.4 28.5 42.7
 170 23.2 18.9 28.3



#51
 2,6-Dinitrotoluene
 Concen: 8.493 ng
 RT: 14.625 min Scan# 1981
 Delta R.T. 0.424 min
 Lab File: BG053707.D
 Acq: 25 May 2022 23:46

Tgt Ion:165 Resp: 9693
 Ion Ratio Lower Upper
 165 100
 63 0.0 54.1 81.1#
 89 0.0 54.8 82.2#

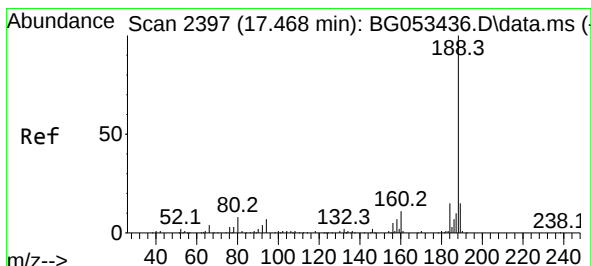
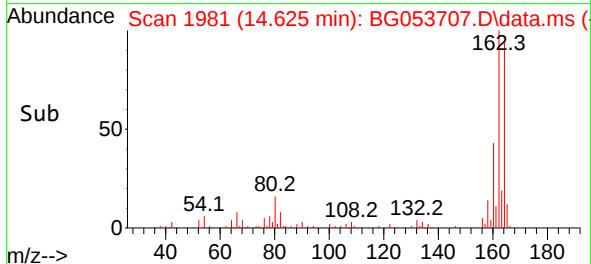
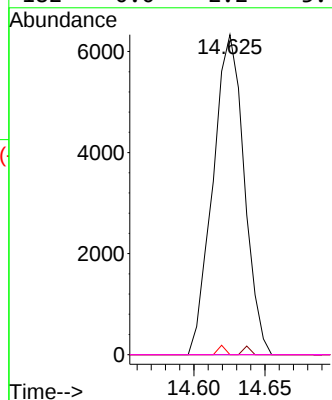
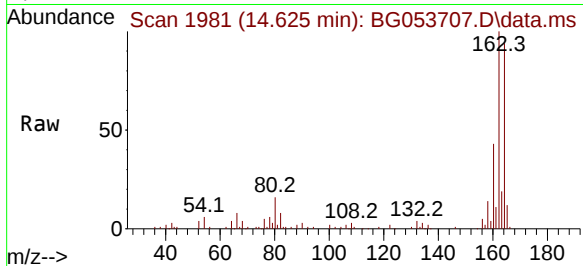




#57
2,4-Dinitrotoluene
Concen: 5.859 ng
RT: 14.625 min Scan# 1981
Delta R.T. -0.369 min
Lab File: BG053707.D
Acq: 25 May 2022 23:46

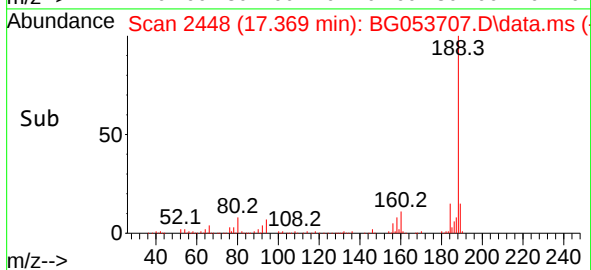
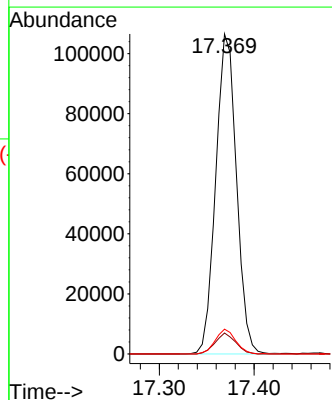
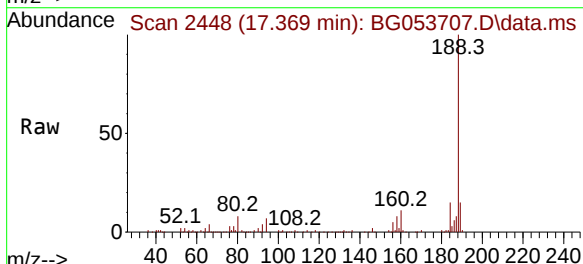
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P030-SS002-0006-01

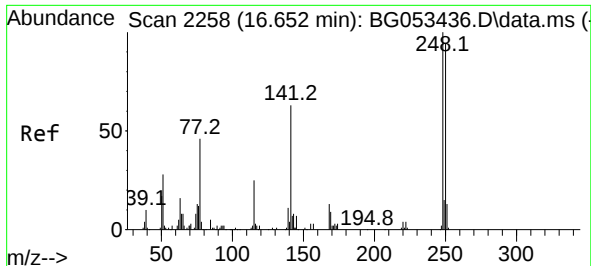
Tgt Ion:165	Resp:	9693
Ion Ratio	Lower	Upper
165	100	
63	0.0	34.6 52.0#
89	0.0	60.3 90.5#
182	0.0	2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.369 min Scan# 2448
Delta R.T. -0.005 min
Lab File: BG053707.D
Acq: 25 May 2022 23:46

Tgt Ion:188	Resp:	161816
Ion Ratio	Lower	Upper
188	100	
94	6.5	5.4 8.0
80	7.7	6.8 10.2

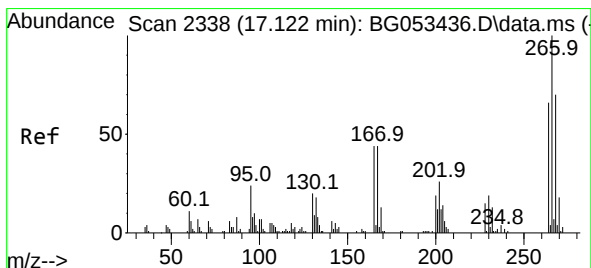
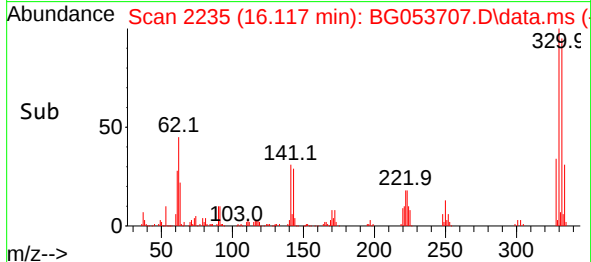
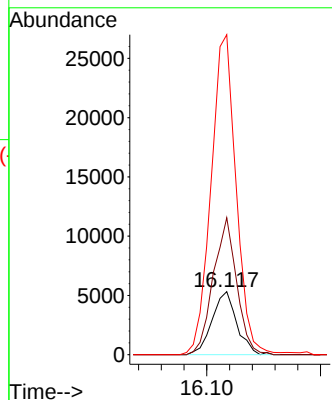
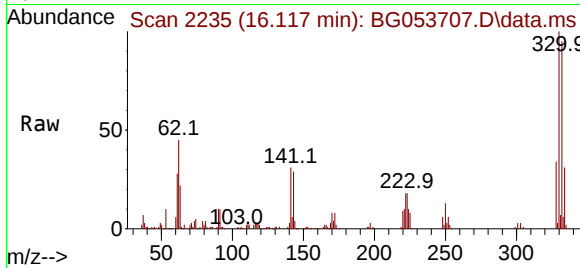




#67
4-Bromophenyl-phenylether
Concen: 4.253 ng
RT: 16.117 min Scan# 21
Delta R.T. -0.434 min
Lab File: BG053707.D
Acq: 25 May 2022 23:46

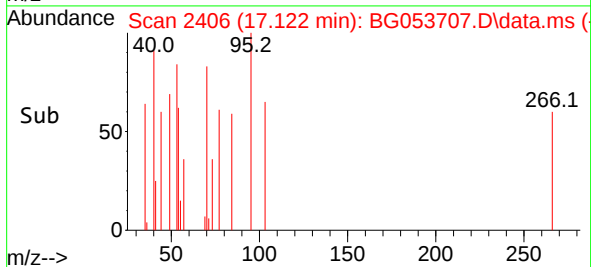
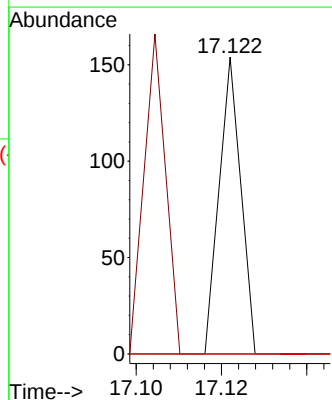
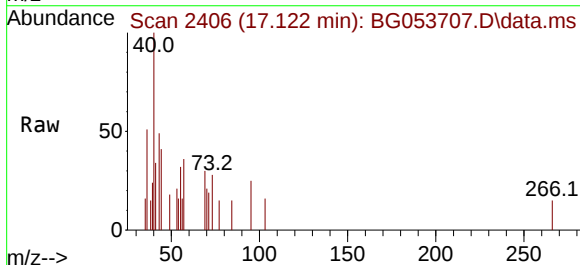
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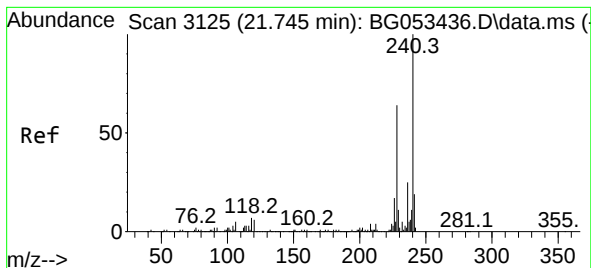
Tgt Ion:248 Resp: 8037
Ion Ratio Lower Upper
248 100
250 217.3 75.2 112.8#
141 507.9 50.0 75.0#



#70
Pentachlorophenol
Concen: 4.696 ng
RT: 17.122 min Scan# 2406
Delta R.T. 0.089 min
Lab File: BG053707.D
Acq: 25 May 2022 23:46

Tgt Ion:266 Resp: 54
Ion Ratio Lower Upper
266 100
268 0.0 56.2 84.2#
264 0.0 53.0 79.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.634 min Scan# 31

Delta R.T. -0.005 min

Lab File: BG053707.D

Acq: 25 May 2022 23:46

Instrument :

BNA_G

ClientSampleId :

P030-SS002-0006-01

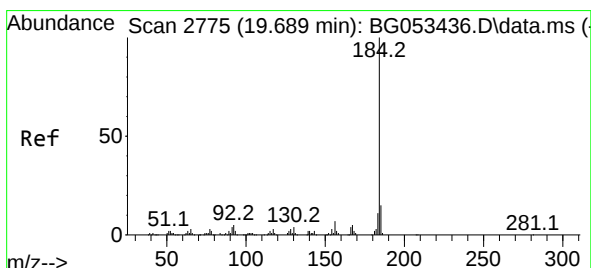
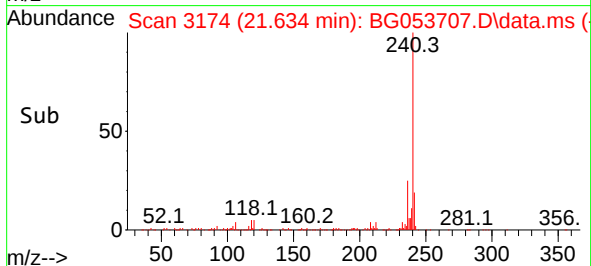
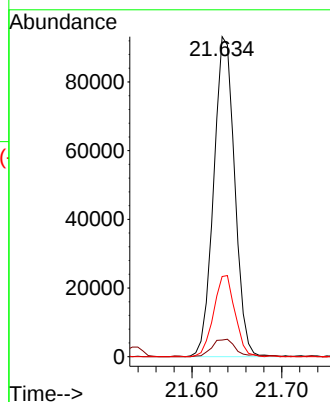
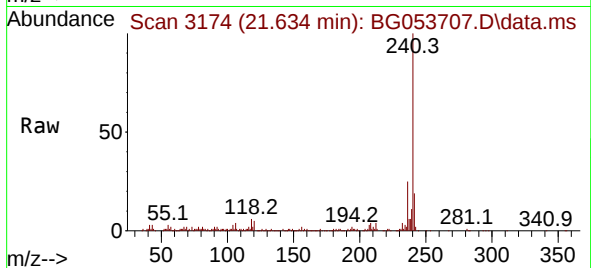
Tgt Ion:240 Resp: 151399

Ion Ratio Lower Upper

240 100

120 5.2 4.6 7.0

236 25.1 20.2 30.4



#77

Benzidine

Concen: 3.627 ng

RT: 19.977 min Scan# 2892

Delta R.T. 0.377 min

Lab File: BG053707.D

Acq: 25 May 2022 23:46

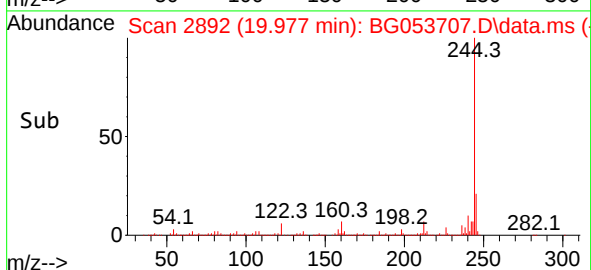
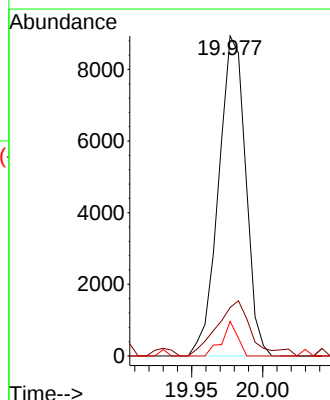
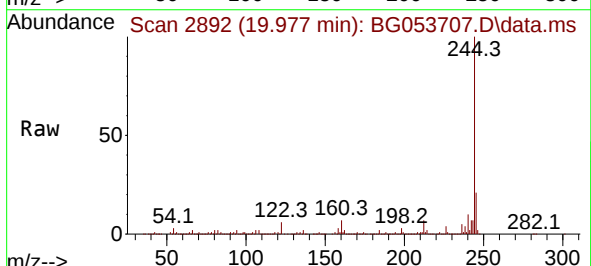
Tgt Ion:184 Resp: 11837

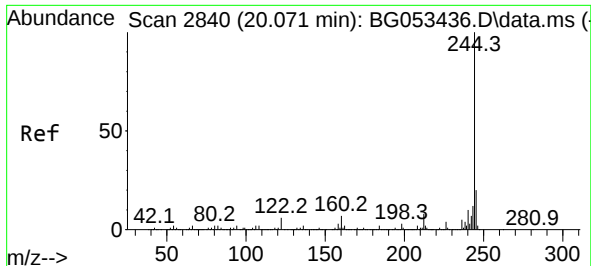
Ion Ratio Lower Upper

184 100

185 15.2 11.8 17.6

183 10.8 8.9 13.3

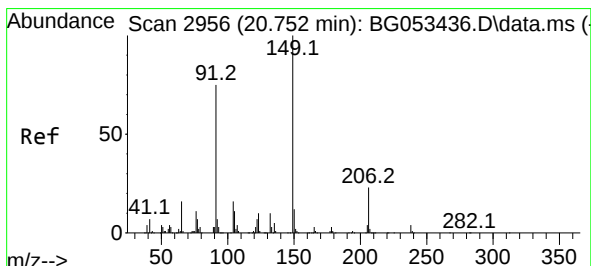
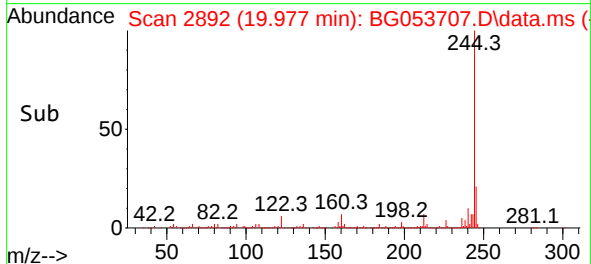
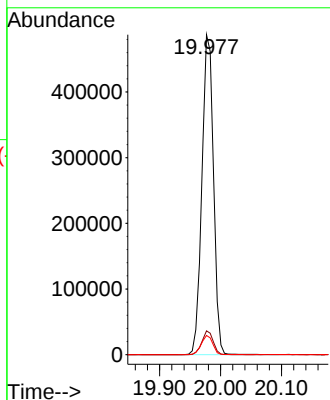
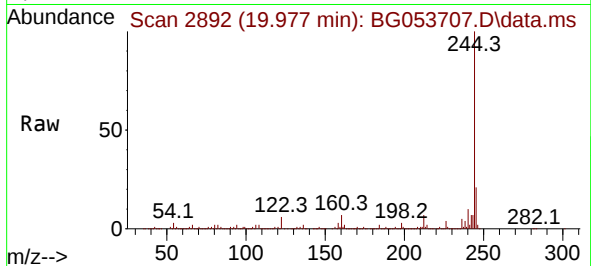




#79
 Terphenyl-d14
 Concen: 79.307 ng
 RT: 19.977 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG053707.D
 Acq: 25 May 2022 23:46

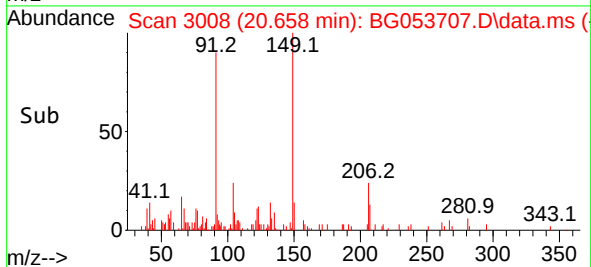
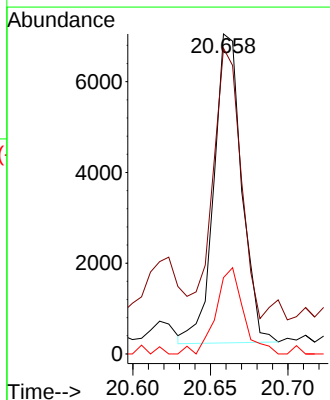
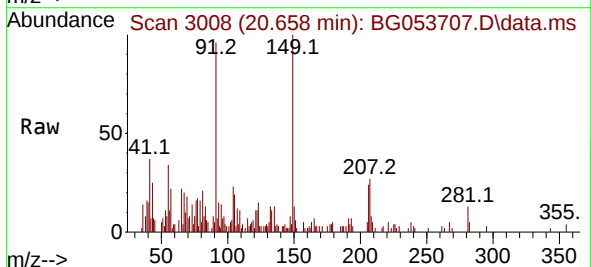
Instrument :
 BNA_G
 ClientSampleId :
 P030-SS002-0006-01

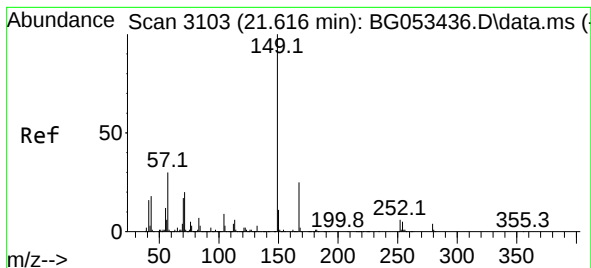
Tgt Ion:244 Resp: 644678
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.5 9.7
 122 6.0 5.0 7.4



#80
 Butylbenzylphthalate
 Concen: 2.373 ng
 RT: 20.658 min Scan# 3008
 Delta R.T. -0.005 min
 Lab File: BG053707.D
 Acq: 25 May 2022 23:46

Tgt Ion:149 Resp: 8530
 Ion Ratio Lower Upper
 149 100
 91 95.5 59.6 89.4#
 206 23.8 18.6 28.0





#84

Bis(2-ethylhexyl)phthalate

Concen: 779.832 ng

RT: 21.540 min Scan# 31

Delta R.T. 0.031 min

Lab File: BG053707.D

Acq: 25 May 2022 23:46

Instrument :

BNA_G

ClientSampleId :

P030-SS002-0006-01

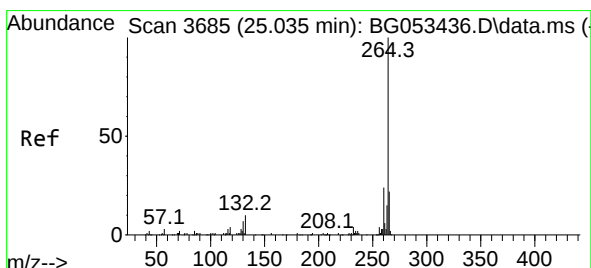
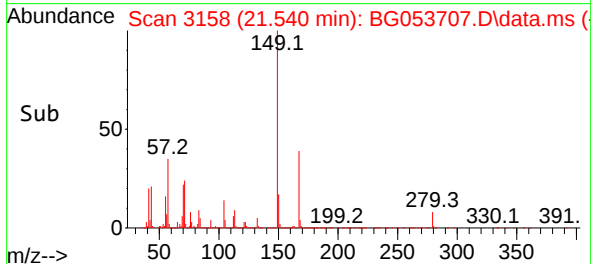
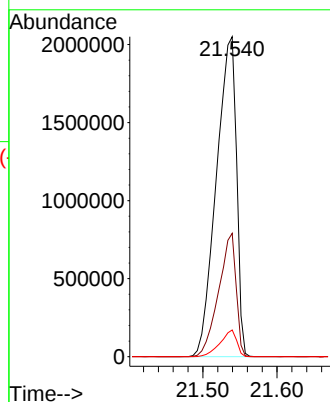
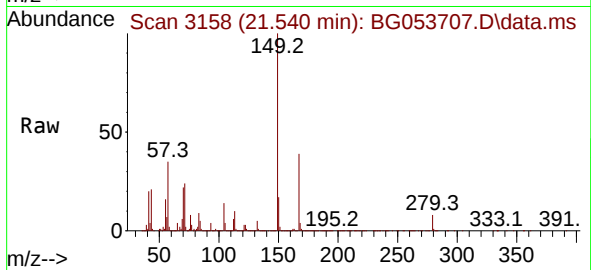
Tgt Ion:149 Resp: 3868300

Ion Ratio Lower Upper

149 100

167 38.6 20.2 30.4#

279 8.3 3.6 5.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.841 min Scan# 3720

Delta R.T. 0.001 min

Lab File: BG053707.D

Acq: 25 May 2022 23:46

Tgt Ion:264 Resp: 160641

Ion Ratio Lower Upper

264 100

260 22.2 19.0 28.6

265 20.5 17.4 26.2

