

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052522\
 Data File : BG053702.D
 Acq On : 25 May 2022 20:29
 Operator : CG/JU
 Sample : N3027-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-052422

Quant Time: May 26 02:52:45 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)

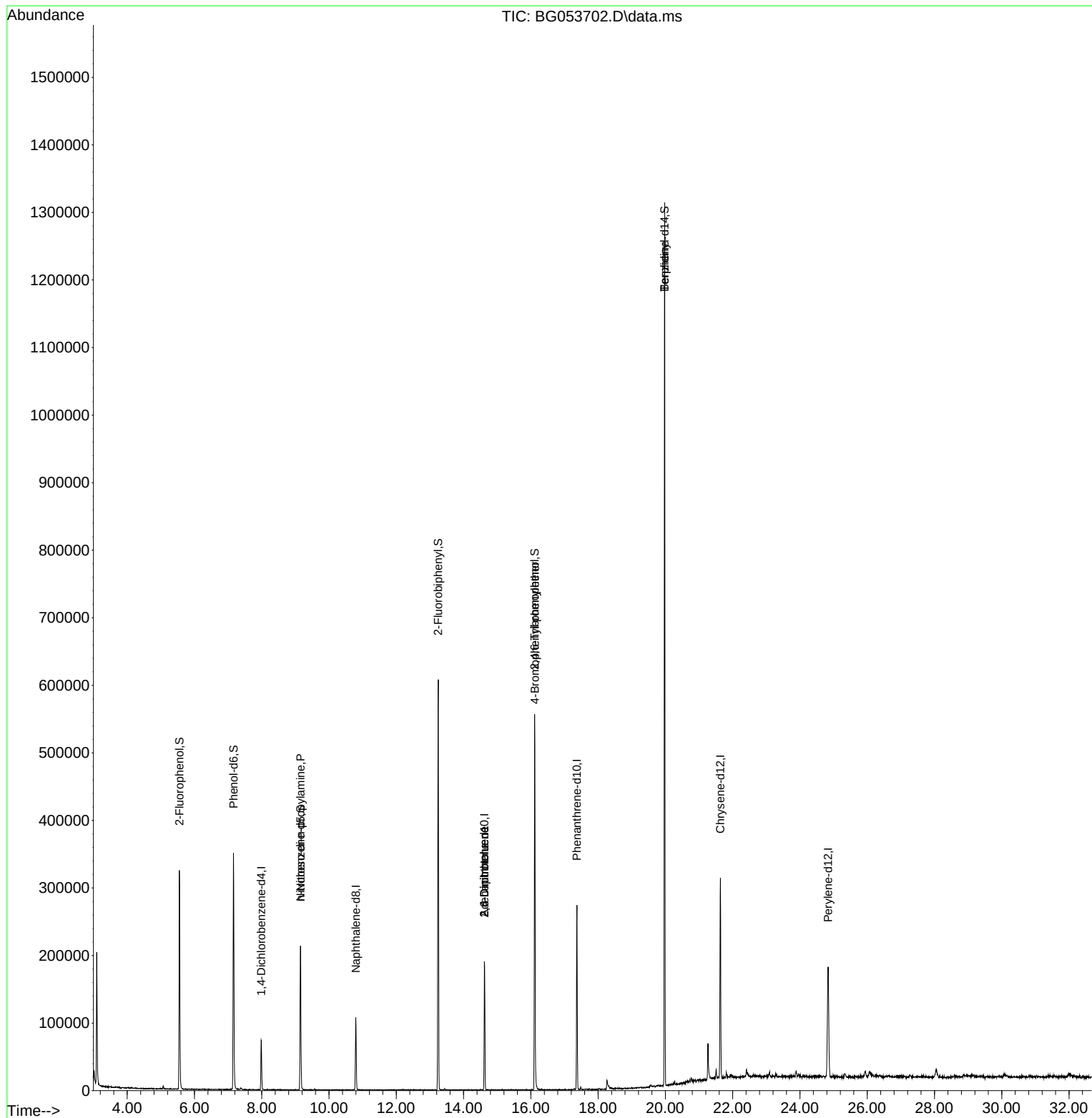
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.983	152	21067	20.000	ng	0.00
21) Naphthalene-d8	10.797	136	84441	20.000	ng	0.00
39) Acenaphthene-d10	14.622	164	68496	20.000	ng	0.00
64) Phenanthrene-d10	17.371	188	177507	20.000	ng	0.00
76) Chrysene-d12	21.636	240	179607	20.000	ng	0.00
86) Perylene-d12	24.837	264	182810	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.551	112	130589	105.201	ng	0.00
7) Phenol-d6	7.161	99	194903	103.457	ng	0.00
23) Nitrobenzene-d5	9.152	82	133771	67.437	ng	0.00
42) 2,4,6-Tribromophenol	16.114	330	117369	116.180	ng	0.00
45) 2-Fluorobiphenyl	13.247	172	320403	68.354	ng	0.00
79) Terphenyl-d14	19.979	244	668118	69.282	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.152	70	19365	14.327	ng	Qvalue # 76
51) 2,6-Dinitrotoluene	14.622	165	8874	8.368	ng	# 16
57) 2,4-Dinitrotoluene	14.622	165	8874	5.773	ng	# 21
67) 4-Bromophenyl-phenylether	16.119	248	7123	3.436	ng	# 1
77) Benzidine	19.979	184	11242	2.904	ng	# 88

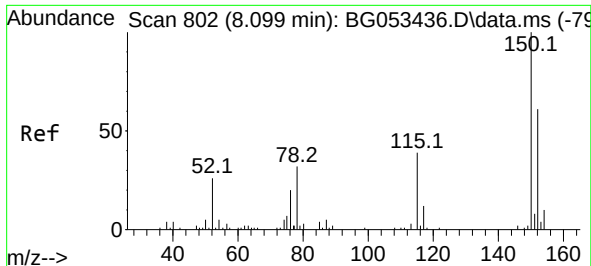
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052522\
Data File : BG053702.D
Acq On : 25 May 2022 20:29
Operator : CG/JU
Sample : N3027-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-03-052422

Quant Time: May 26 02:52:45 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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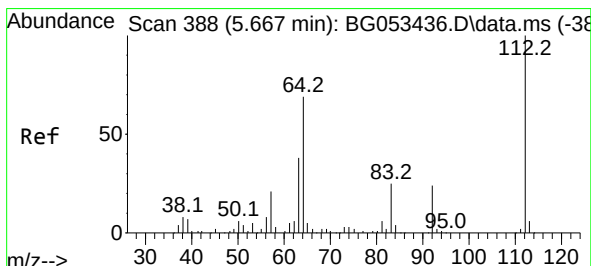
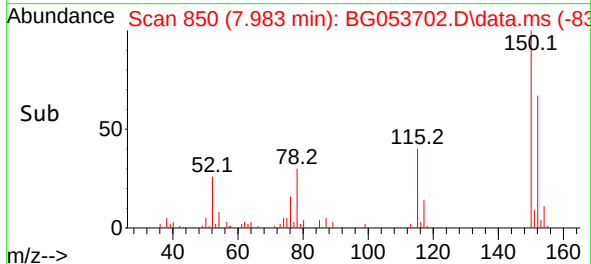
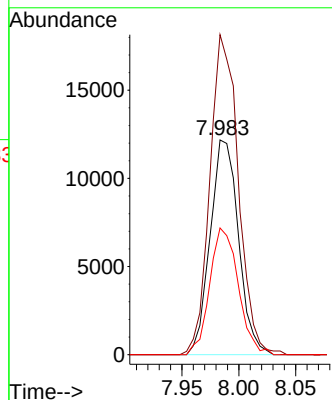
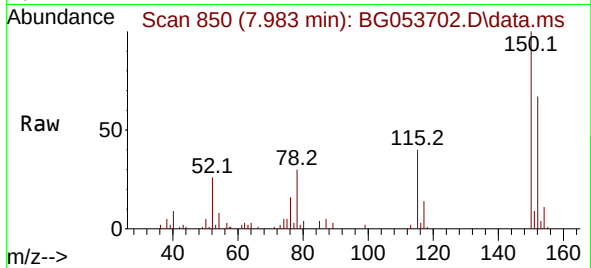




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.983 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG053702.D
Acq: 25 May 2022 20:29

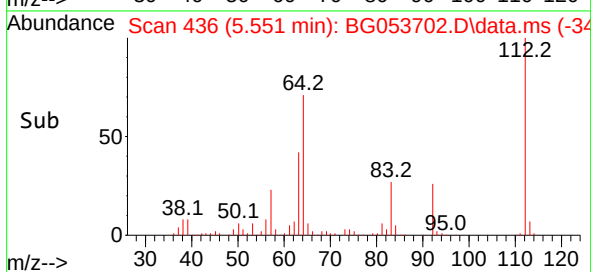
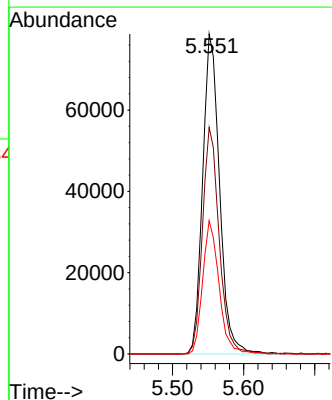
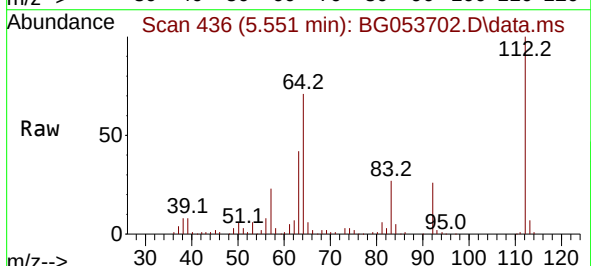
Instrument :
BNA_G
ClientSampleId :
OR-03-052422

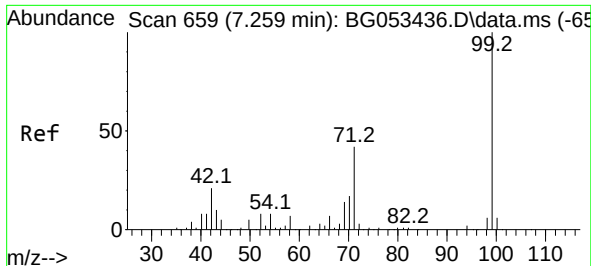
Tgt Ion:152 Resp: 21067
Ion Ratio Lower Upper
152 100
150 149.0 131.6 197.4
115 59.0 50.9 76.3



#5
2-Fluorophenol
Concen: 105.201 ng
RT: 5.551 min Scan# 436
Delta R.T. -0.003 min
Lab File: BG053702.D
Acq: 25 May 2022 20:29

Tgt Ion:112 Resp: 130589
Ion Ratio Lower Upper
112 100
64 70.8 55.1 82.7
63 41.7 30.4 45.6

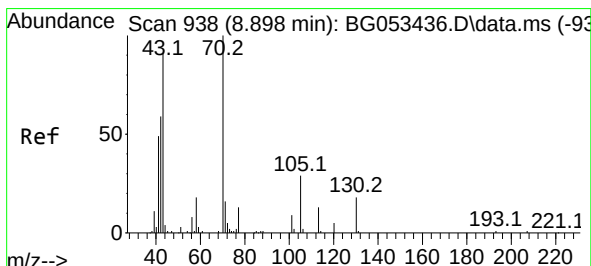
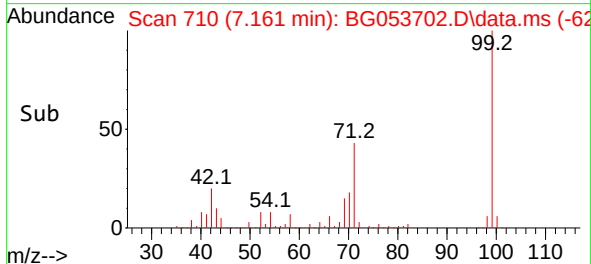
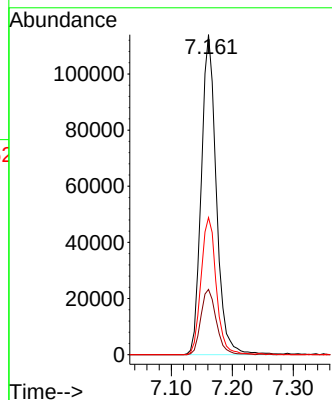
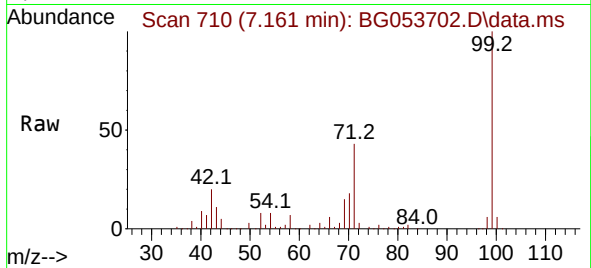




#7
Phenol-d6
Concen: 103.457 ng
RT: 7.161 min Scan# 71
Delta R.T. -0.003 min
Lab File: BG053702.D
Acq: 25 May 2022 20:29

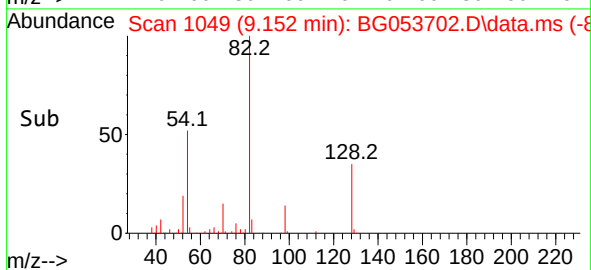
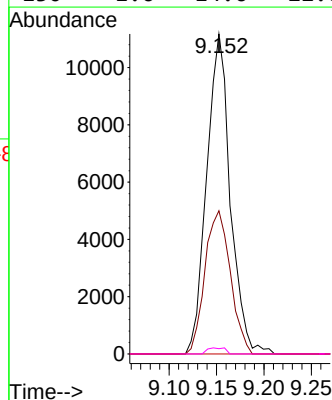
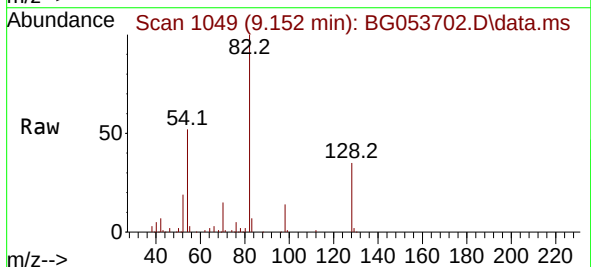
Instrument :
BNA_G
ClientSampleId :
OR-03-052422

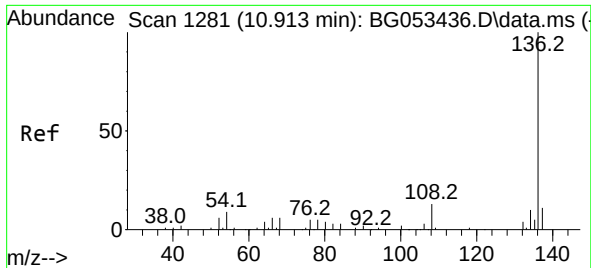
Tgt Ion: 99 Resp: 194903
Ion Ratio Lower Upper
99 100
42 20.4 17.0 25.6
71 42.8 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 14.327 ng
RT: 9.152 min Scan# 1049
Delta R.T. 0.356 min
Lab File: BG053702.D
Acq: 25 May 2022 20:29

Tgt Ion: 70 Resp: 19365
Ion Ratio Lower Upper
70 100
42 44.7 47.3 70.9#
101 0.0 7.0 10.4#
130 1.6 14.6 22.0#

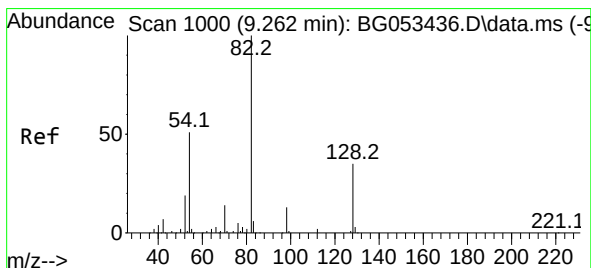
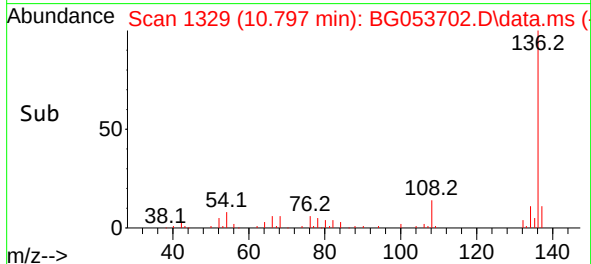
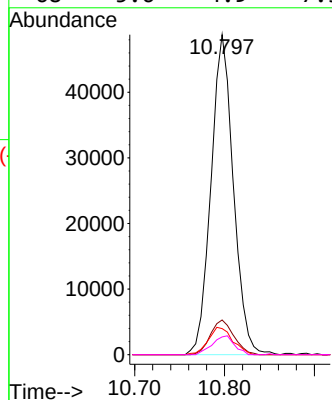
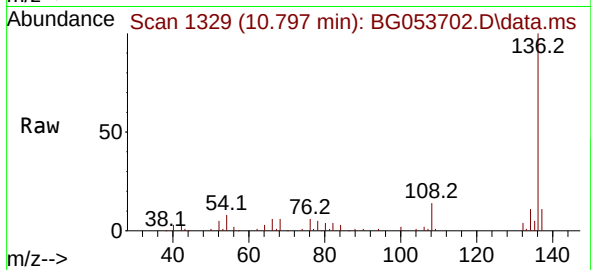




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.797 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG053702.D
Acq: 25 May 2022 20:29

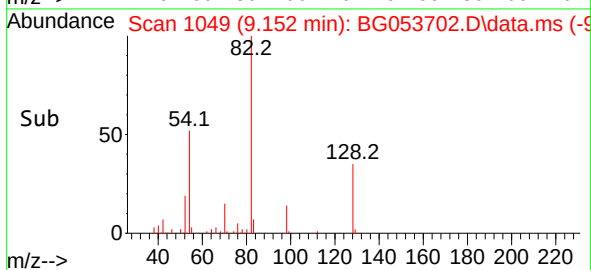
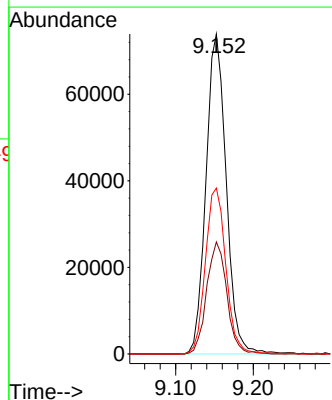
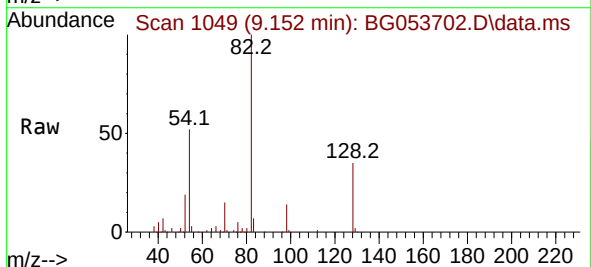
Instrument :
BNA_G
ClientSampleId :
OR-03-052422

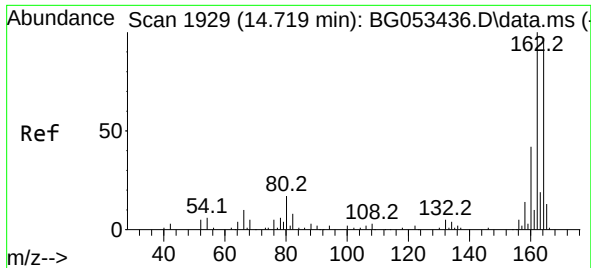
Tgt Ion:136	Resp:	84441
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.5 12.7
54	8.2	7.4 11.2
68	5.6	4.9 7.3



#23
Nitrobenzene-d5
Concen: 67.437 ng
RT: 9.152 min Scan# 1049
Delta R.T. -0.003 min
Lab File: BG053702.D
Acq: 25 May 2022 20:29

Tgt Ion: 82	Resp:	133771
Ion Ratio	Lower	Upper
82	100	
128	35.0	27.9 41.9
54	51.8	41.2 61.8

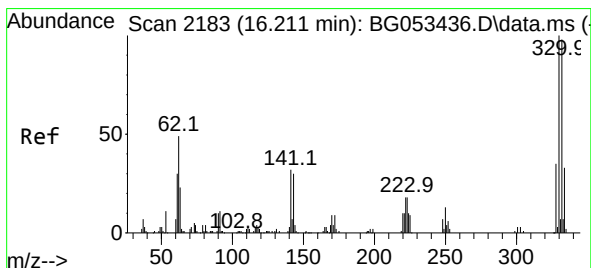
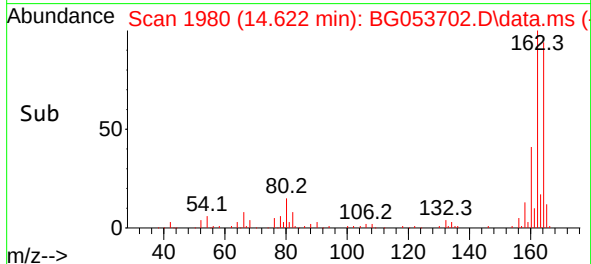
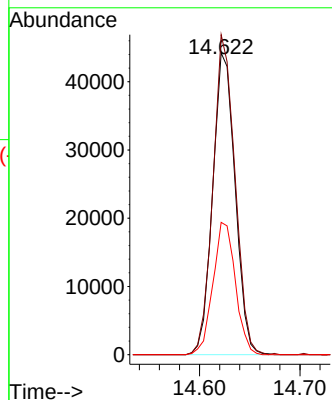
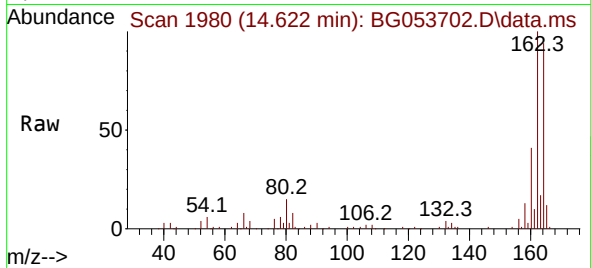




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.622 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG053702.D
Acq: 25 May 2022 20:29

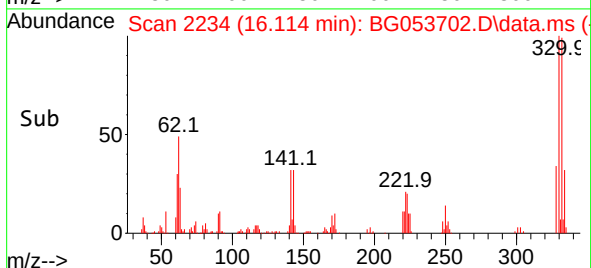
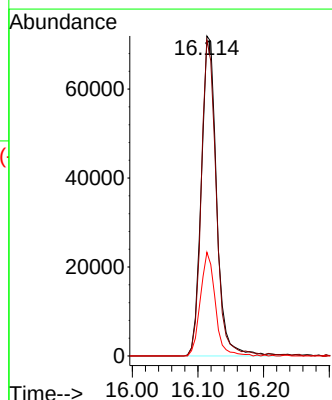
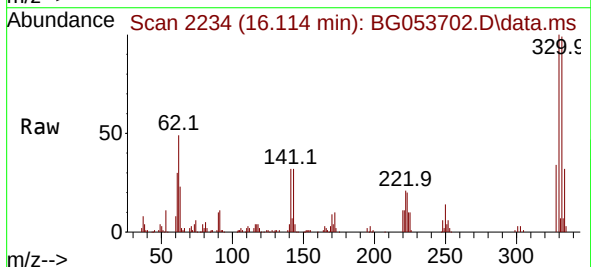
Instrument :
BNA_G
ClientSampleId :
OR-03-052422

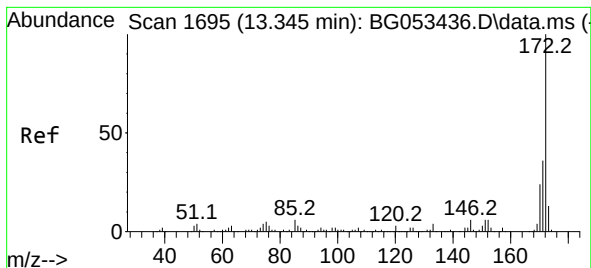
Tgt Ion:164 Resp: 68496
Ion Ratio Lower Upper
164 100
162 106.1 82.3 123.5
160 43.8 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 116.180 ng
RT: 16.114 min Scan# 2234
Delta R.T. -0.003 min
Lab File: BG053702.D
Acq: 25 May 2022 20:29

Tgt Ion:330 Resp: 117369
Ion Ratio Lower Upper
330 100
332 95.9 76.0 114.0
141 31.4 27.1 40.7

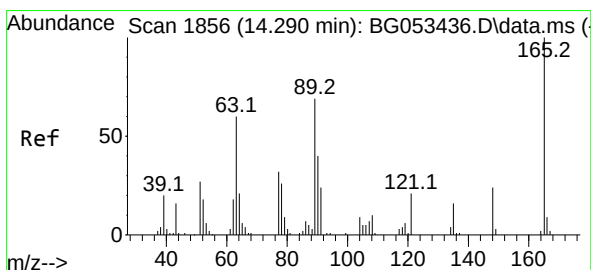
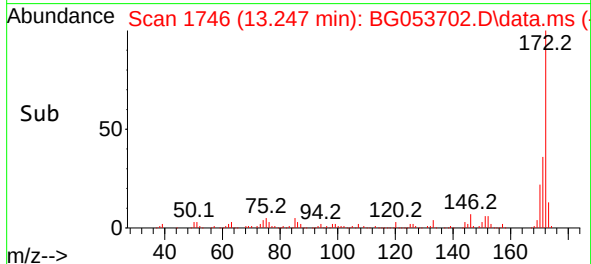
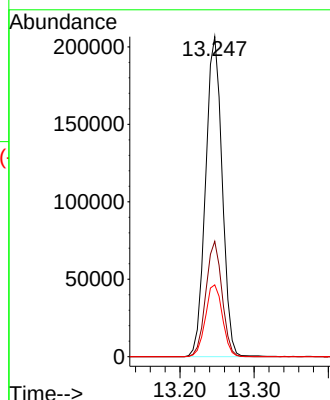
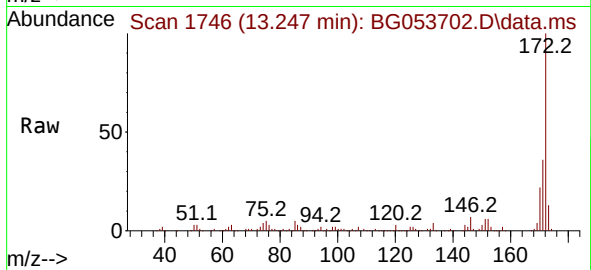




#45
2-Fluorobiphenyl
Concen: 68.354 ng
RT: 13.247 min Scan# 11
Delta R.T. 0.003 min
Lab File: BG053702.D
Acq: 25 May 2022 20:29

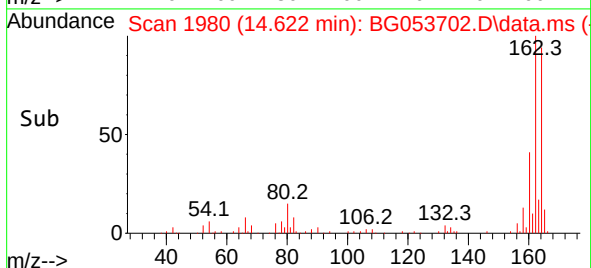
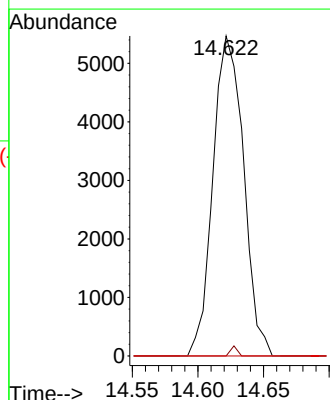
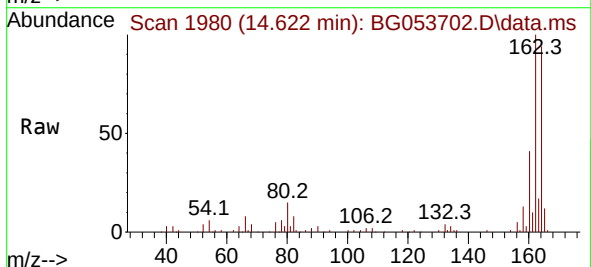
Instrument :
BNA_G
ClientSampleId :
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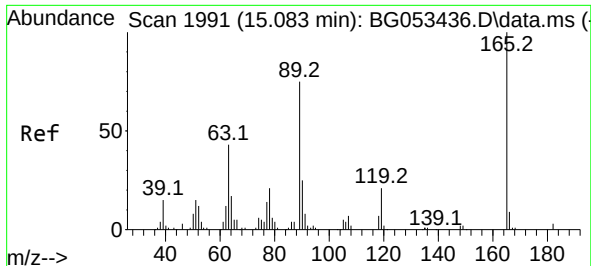
Tgt Ion:172 Resp: 320403
Ion Ratio Lower Upper
172 100
171 36.0 28.5 42.7
170 22.5 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 8.368 ng
RT: 14.622 min Scan# 1980
Delta R.T. 0.420 min
Lab File: BG053702.D
Acq: 25 May 2022 20:29

Tgt Ion:165 Resp: 8874
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#

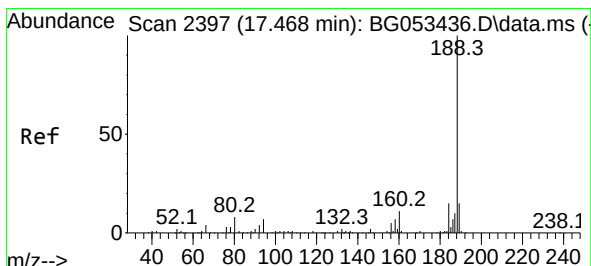
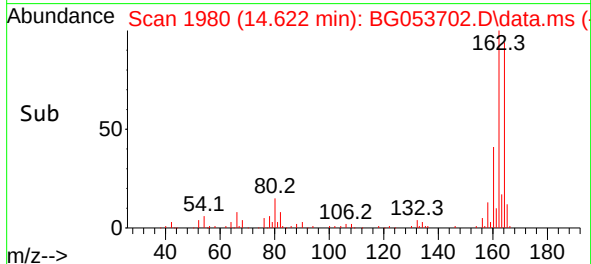
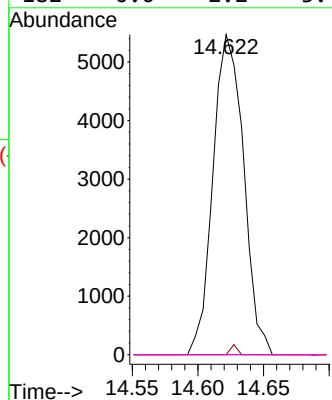
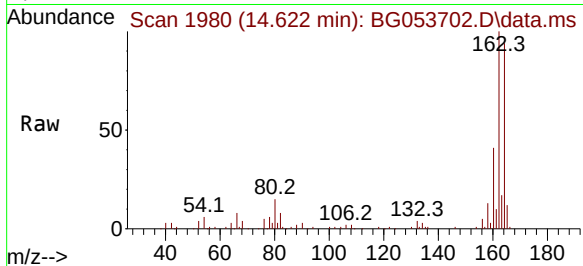




#57
2,4-Dinitrotoluene
Concen: 5.773 ng
RT: 14.622 min Scan# 1991
Delta R.T. -0.373 min
Lab File: BG053702.D
Acq: 25 May 2022 20:29

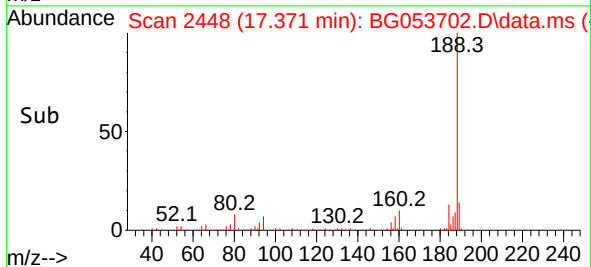
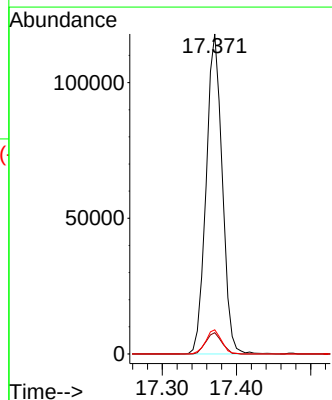
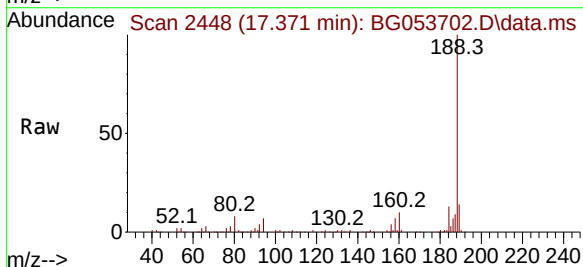
Instrument :
BNA_G
ClientSampleId :
OR-03-052422

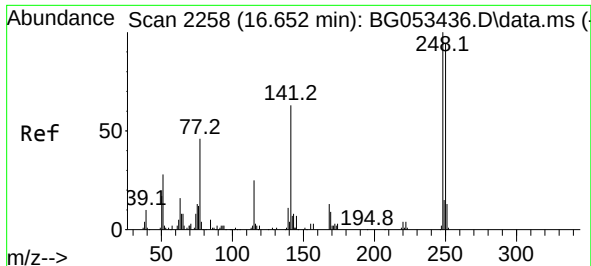
Tgt Ion:165	Resp:	8874
Ion Ratio	Lower	Upper
165	100	
63	0.0	34.6
89	0.0	60.3
182	0.0	2.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.371 min Scan# 2448
Delta R.T. -0.003 min
Lab File: BG053702.D
Acq: 25 May 2022 20:29

Tgt Ion:188	Resp:	177507
Ion Ratio	Lower	Upper
188	100	
94	6.6	5.4
80	7.6	6.8

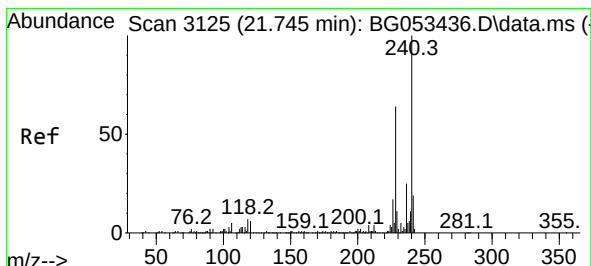
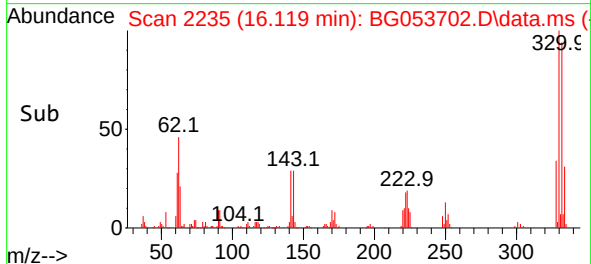
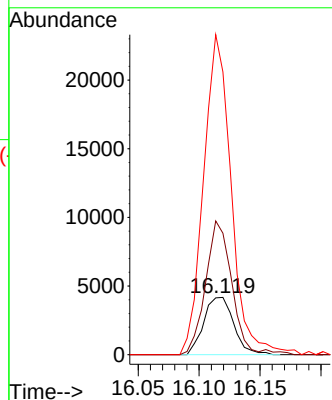
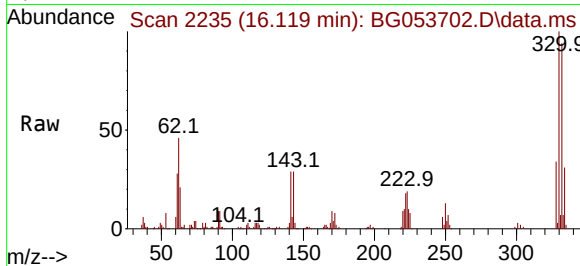




#67
4-Bromophenyl-phenylether
Concen: 3.436 ng
RT: 16.119 min Scan# 21
Delta R.T. -0.432 min
Lab File: BG053702.D
Acq: 25 May 2022 20:29

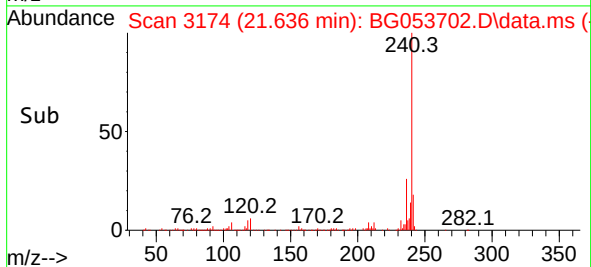
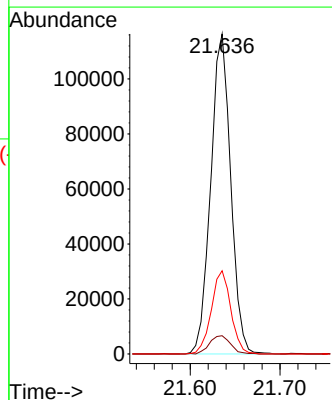
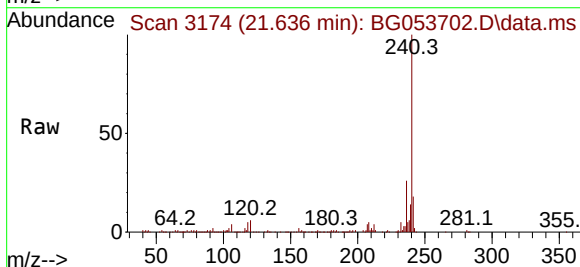
Instrument :
BNA_G
ClientSampleId :
OR-03-052422

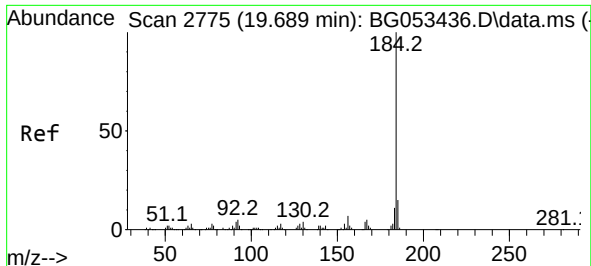
Tgt Ion:248 Resp: 7123
Ion Ratio Lower Upper
248 100
250 211.9 75.2 112.8#
141 493.7 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.636 min Scan# 3174
Delta R.T. -0.003 min
Lab File: BG053702.D
Acq: 25 May 2022 20:29

Tgt Ion:240 Resp: 179607
Ion Ratio Lower Upper
240 100
120 5.7 4.6 7.0
236 26.0 20.2 30.4

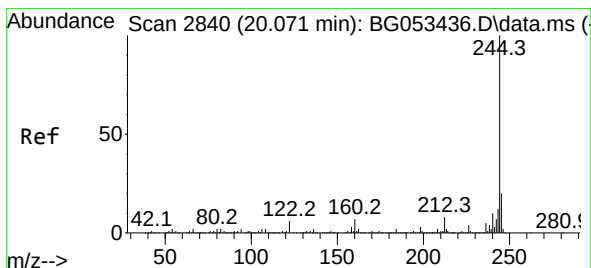
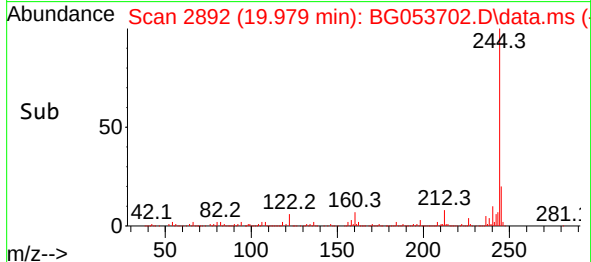
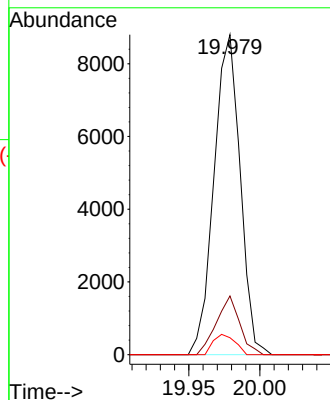
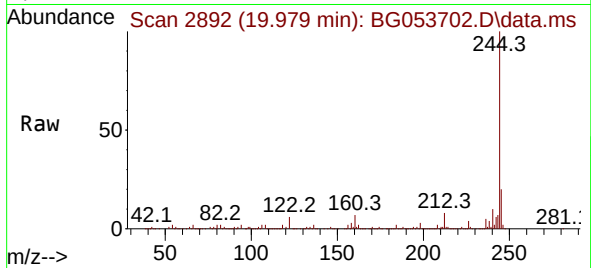




#77
Benzidine
Concen: 2.904 ng
RT: 19.979 min Scan# 21
Delta R.T. 0.379 min
Lab File: BG053702.D
Acq: 25 May 2022 20:29

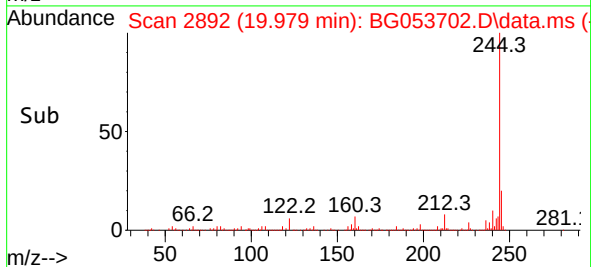
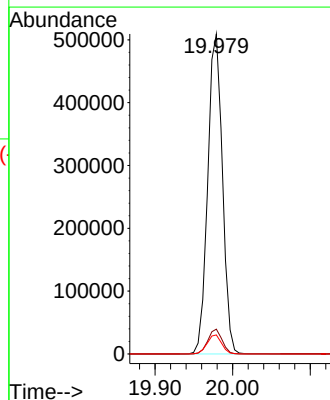
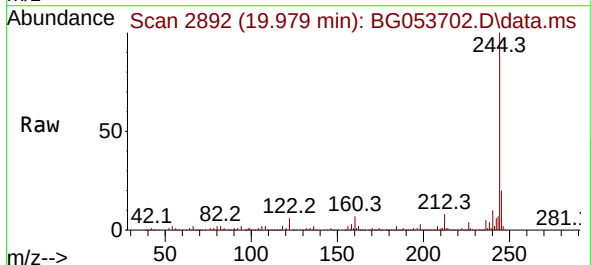
Instrument :
BNA_G
ClientSampleId :
OR-03-052422

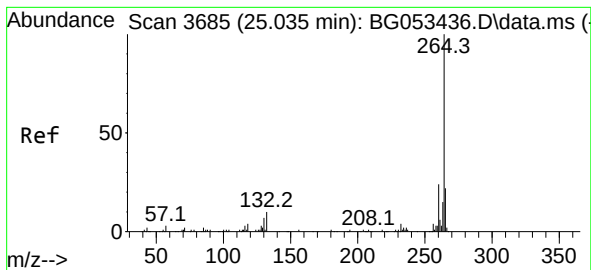
Tgt Ion:184 Resp: 11242
Ion Ratio Lower Upper
184 100
185 18.3 11.8 17.6#
183 5.3 8.9 13.3#



#79
Terphenyl-d14
Concen: 69.282 ng
RT: 19.979 min Scan# 2892
Delta R.T. 0.003 min
Lab File: BG053702.D
Acq: 25 May 2022 20:29

Tgt Ion:244 Resp: 668118
Ion Ratio Lower Upper
244 100
212 7.8 6.5 9.7
122 6.0 5.0 7.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.837 min Scan# 31

Delta R.T. -0.003 min

Lab File: BG053702.D

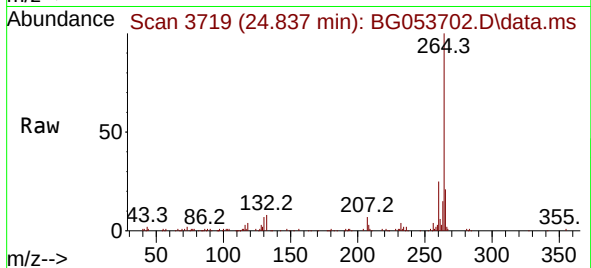
Acq: 25 May 2022 20:29

Instrument :

BNA_G

ClientSampleId :

OR-03-052422



Tgt Ion:264 Resp: 182810

Ion Ratio Lower Upper

264 100

260 24.8 19.0 28.6

265 20.9 17.4 26.2

