

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061422\
 Data File : BG053904.D
 Acq On : 14 Jun 2022 16:48
 Operator : CG/JU
 Sample : N3299-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COM-4

Quant Time: Jun 15 03:01:15 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 13 15:49:31 2022
 Response via : Initial Calibration

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

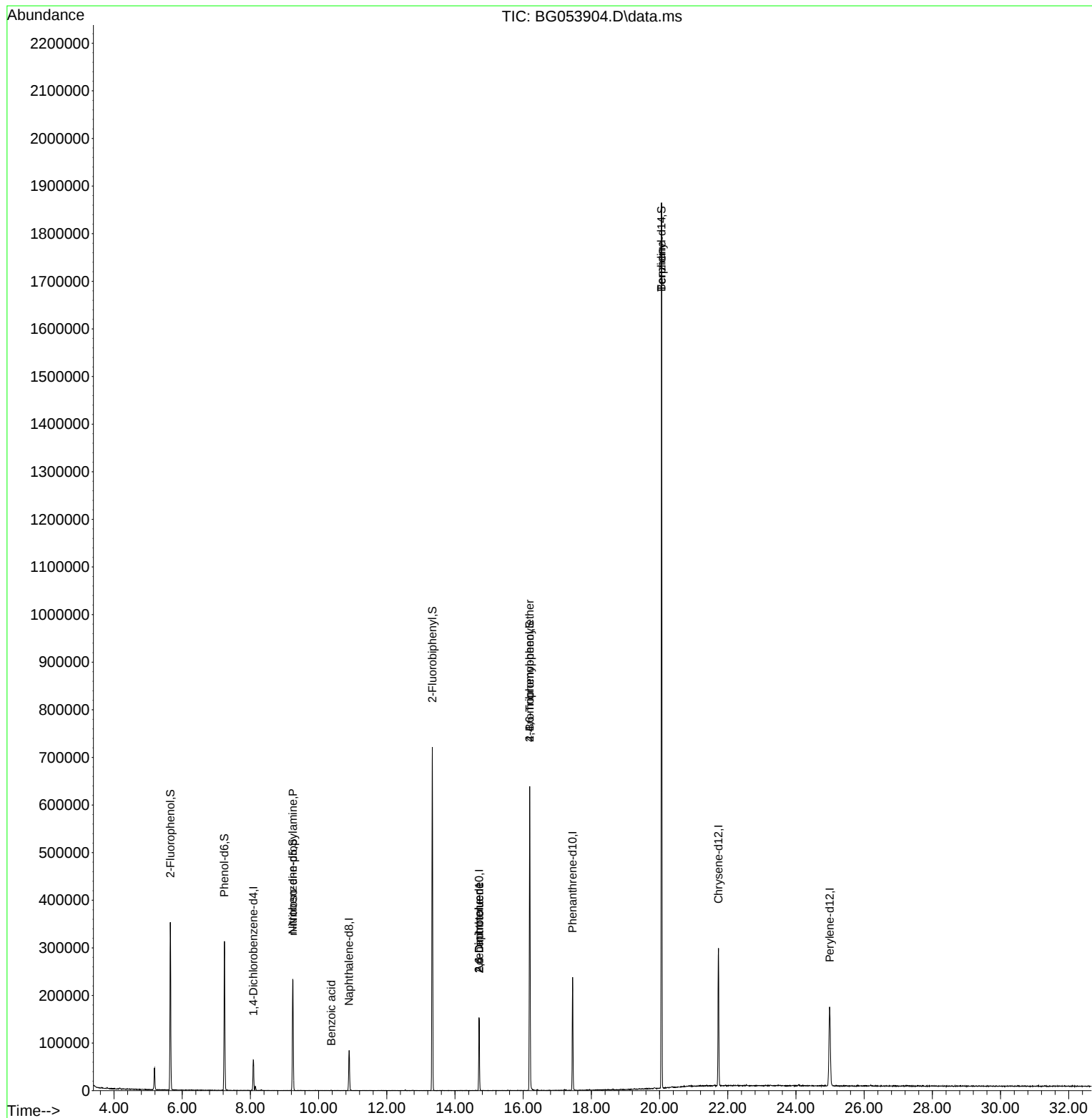
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.083	152	21082	20.000	ng	0.00
21) Naphthalene-d8	10.891	136	80810	20.000	ng	0.00
39) Acenaphthene-d10	14.704	164	60843	20.000	ng	0.00
64) Phenanthrene-d10	17.448	188	166914	20.000	ng	# 0.00
76) Chrysene-d12	21.726	240	205299	20.000	ng	0.00
86) Perylene-d12	24.987	264	210617	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.650	112	162558	147.423	ng	0.00
7) Phenol-d6	7.237	99	191427	127.972	ng	0.00
23) Nitrobenzene-d5	9.240	82	151082	105.064	ng	0.00
42) 2,4,6-Tribromophenol	16.191	330	163176	166.923	ng	0.00
45) 2-Fluorobiphenyl	13.335	172	426947	102.039	ng	0.00
79) Terphenyl-d14	20.057	244	1049125	102.924	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.246	70	20295	20.195	ng	# 79
32) Benzoic acid	10.374	122	468	12.097	ng	# 1
51) 2,6-Dinitrotoluene	14.704	165	8045	8.593	ng	# 16
57) 2,4-Dinitrotoluene	14.704	165	8045	6.085	ng	# 21
67) 4-Bromophenyl-phenylether	16.191	248	9950	4.773	ng	# 1
77) Benzidine	20.057	184	13362	3.143	ng	# 90

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

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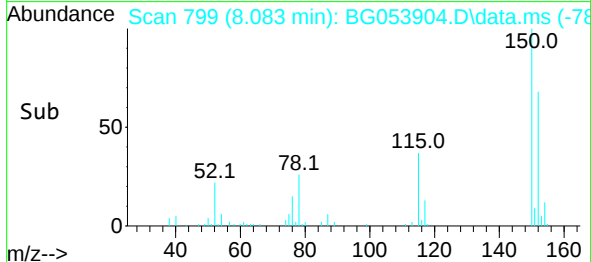
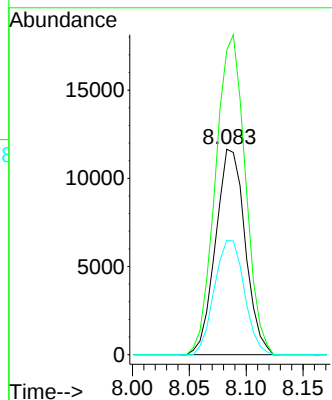
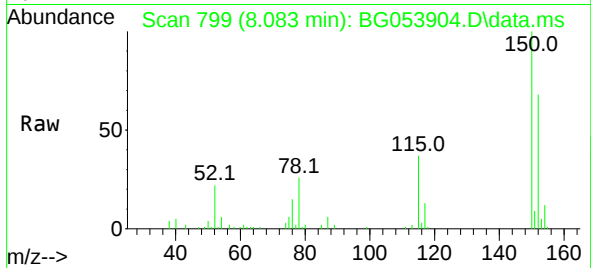




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.083 min Scan# 79
Delta R.T. -0.006 min
Lab File: BG053904.D
Acq: 14 Jun 2022 16:48

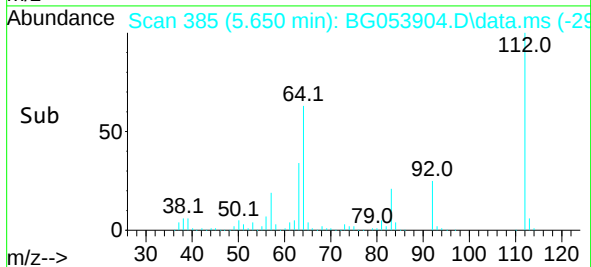
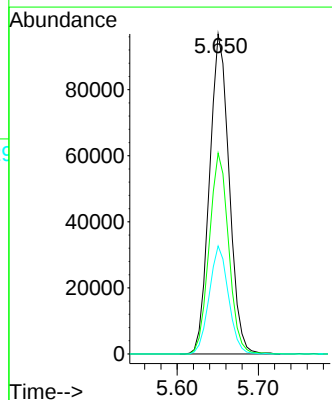
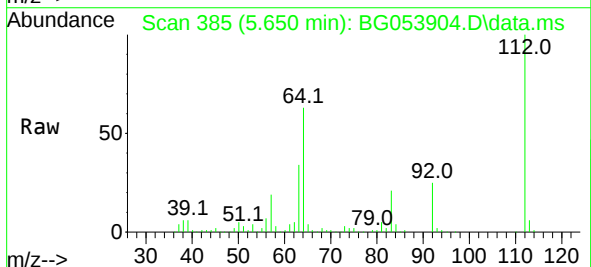
Instrument :
BNA_G
ClientSampleId :
COM-4

Tgt Ion:152 Resp: 21082
Ion Ratio Lower Upper
152 100
150 148.1 131.6 197.4
115 55.5 50.9 76.3



#5
2-Fluorophenol
Concen: 147.423 ng
RT: 5.650 min Scan# 385
Delta R.T. 0.000 min
Lab File: BG053904.D
Acq: 14 Jun 2022 16:48

Tgt Ion:112 Resp: 162558
Ion Ratio Lower Upper
112 100
64 62.8 55.1 82.7
63 33.7 30.4 45.6

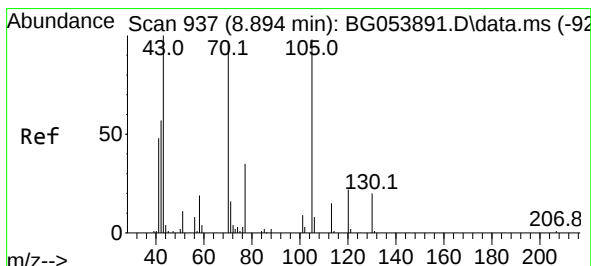
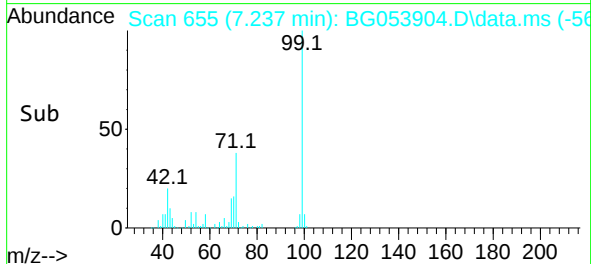
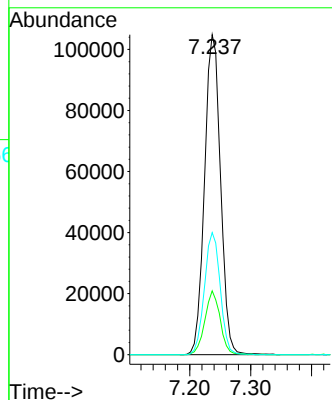
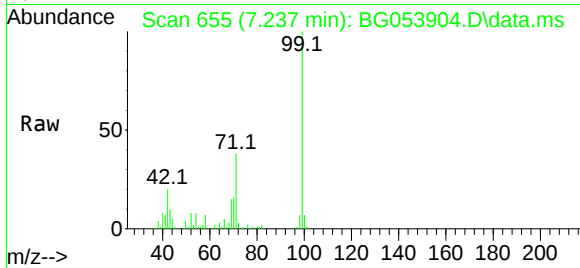




#7
Phenol-d6
Concen: 127.972 ng
RT: 7.237 min Scan# 61
Delta R.T. 0.000 min
Lab File: BG053904.D
Acq: 14 Jun 2022 16:48

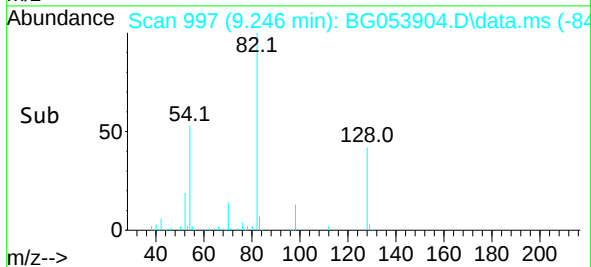
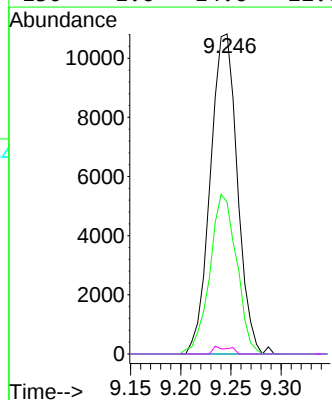
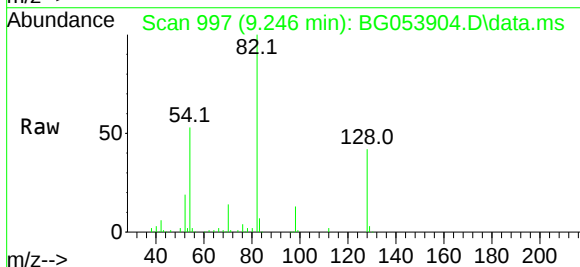
Instrument :
BNA_G
ClientSampleId :
COM-4

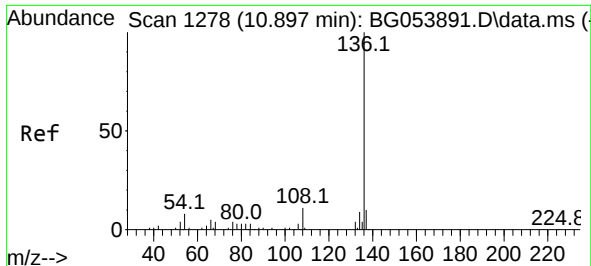
Tgt Ion: 99 Resp: 191427
Ion Ratio Lower Upper
99 100
42 20.0 17.0 25.6
71 38.2 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 20.195 ng
RT: 9.246 min Scan# 997
Delta R.T. 0.353 min
Lab File: BG053904.D
Acq: 14 Jun 2022 16:48

Tgt Ion: 70 Resp: 20295
Ion Ratio Lower Upper
70 100
42 47.5 47.3 70.9
101 0.0 7.0 10.4#
130 1.6 14.6 22.0#

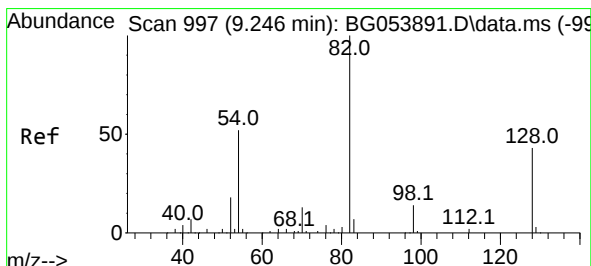
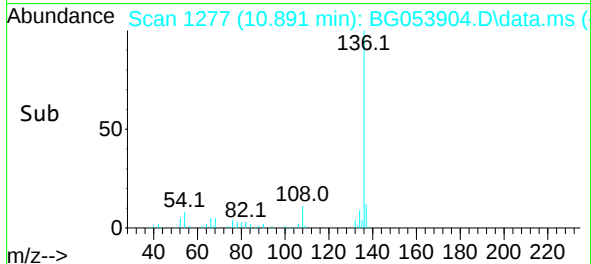
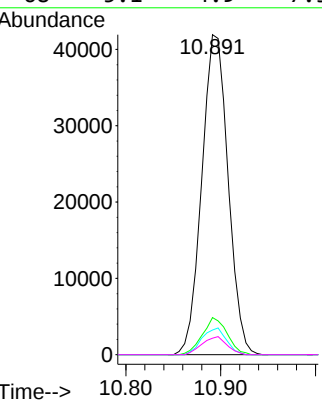
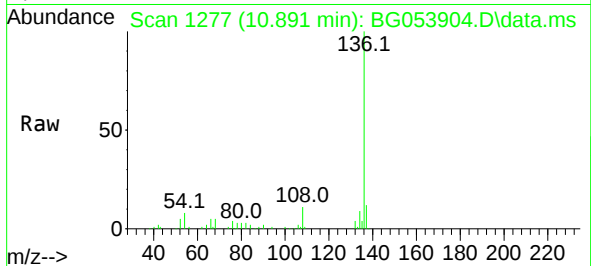




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.891 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG053904.D
Acq: 14 Jun 2022 16:48

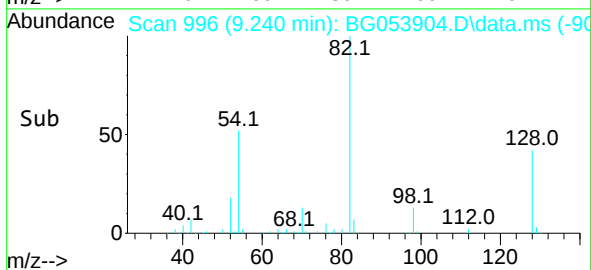
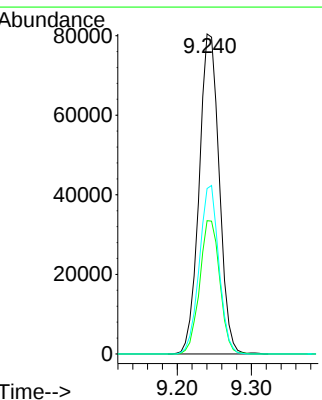
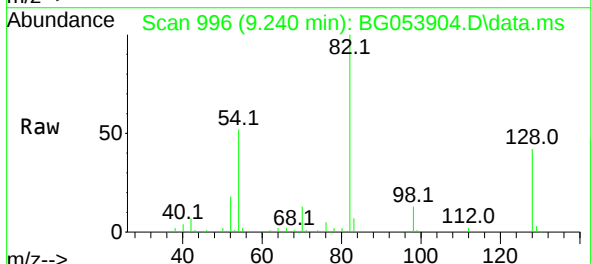
Instrument :
BNA_G
ClientSampleId :
COM-4

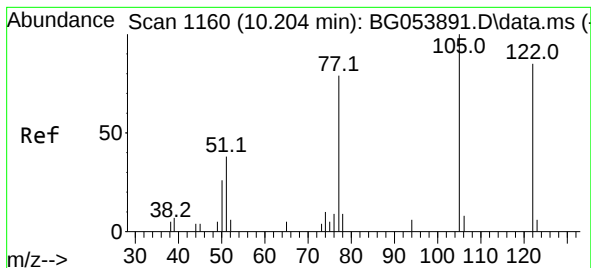
Tgt Ion:	136	Resp:	80810
Ion Ratio	Lower	Upper	
136	100		
137	11.6	8.5	12.7
54	7.7	7.4	11.2
68	5.1	4.9	7.3



#23
Nitrobenzene-d5
Concen: 105.064 ng
RT: 9.240 min Scan# 996
Delta R.T. -0.006 min
Lab File: BG053904.D
Acq: 14 Jun 2022 16:48

Tgt Ion:	82	Resp:	151082
Ion Ratio	Lower	Upper	
82	100		
128	41.6	27.9	41.9
54	51.7	41.2	61.8





#32

Benzoic acid

Concen: 12.097 ng

RT: 10.374 min Scan# 1160

Delta R.T. 0.170 min

Lab File: BG053904.D

Acq: 14 Jun 2022 16:48

Instrument :

BNA_G

ClientSampleId :

COM-4

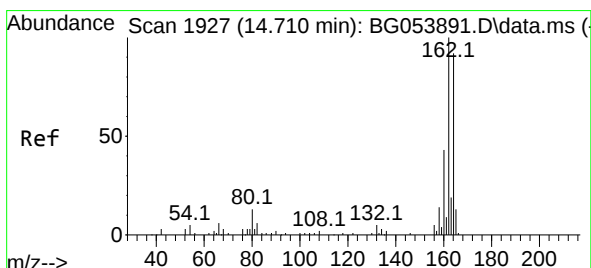
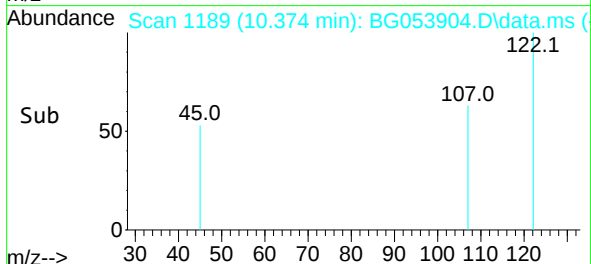
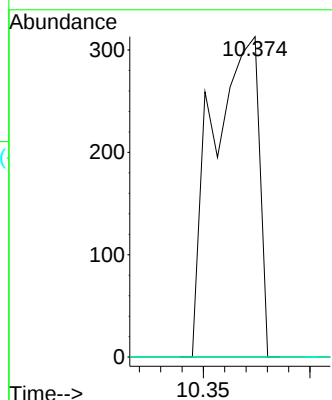
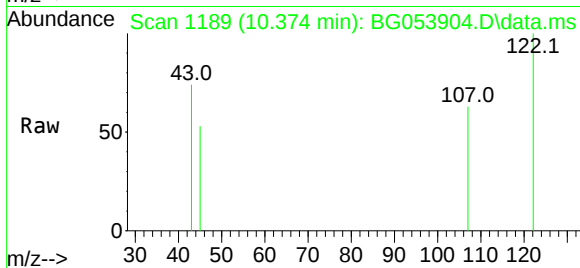
Tgt Ion:122 Resp: 468

Ion Ratio Lower Upper

122 100

105 0.0 111.8 151.8#

77 0.0 109.4 149.4#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.704 min Scan# 1926

Delta R.T. -0.006 min

Lab File: BG053904.D

Acq: 14 Jun 2022 16:48

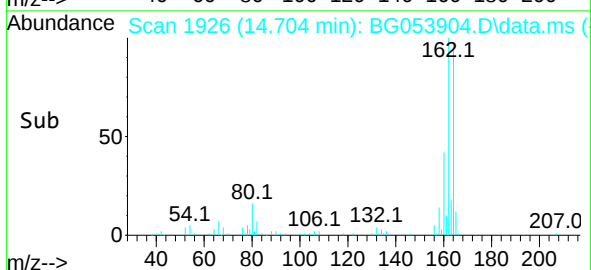
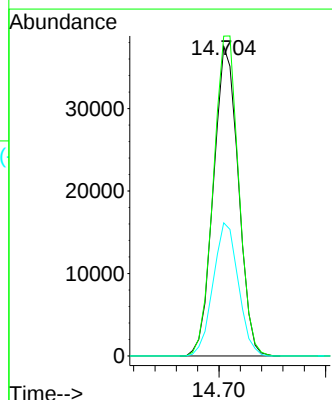
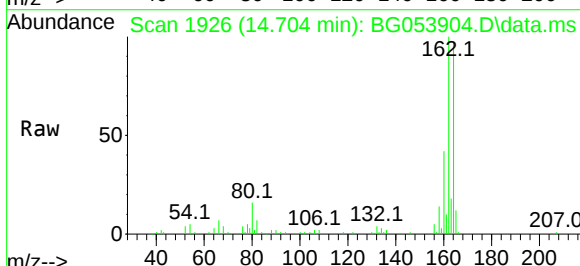
Tgt Ion:164 Resp: 60843

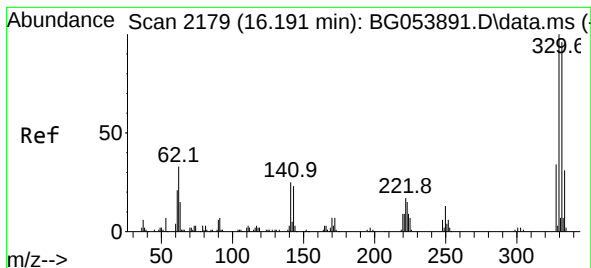
Ion Ratio Lower Upper

164 100

162 103.3 82.3 123.5

160 43.0 34.2 51.2

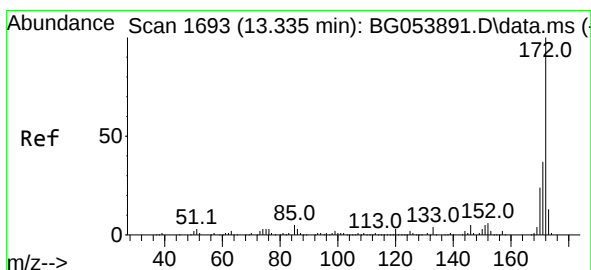
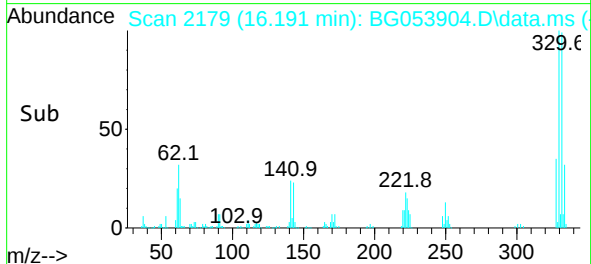
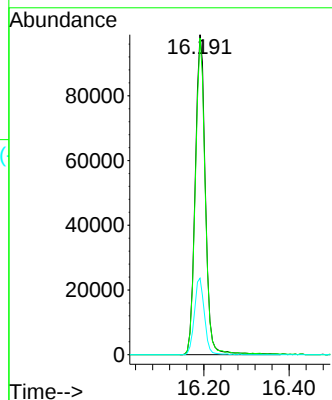
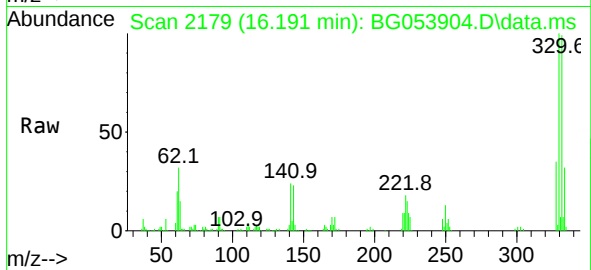




#42
2,4,6-Tribromophenol
Concen: 166.923 ng
RT: 16.191 min Scan# 2179
Delta R.T. 0.000 min
Lab File: BG053904.D
Acq: 14 Jun 2022 16:48

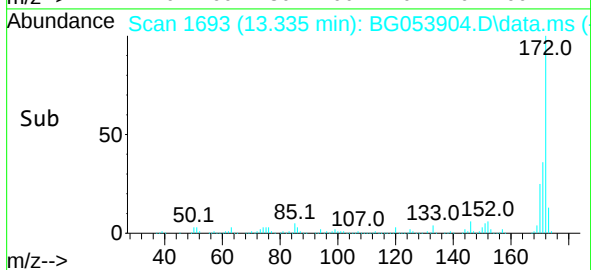
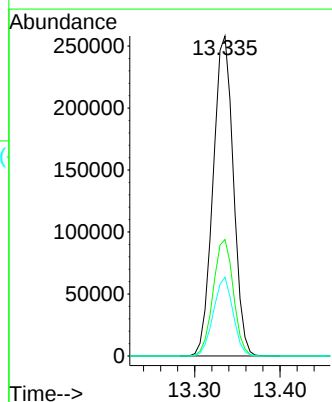
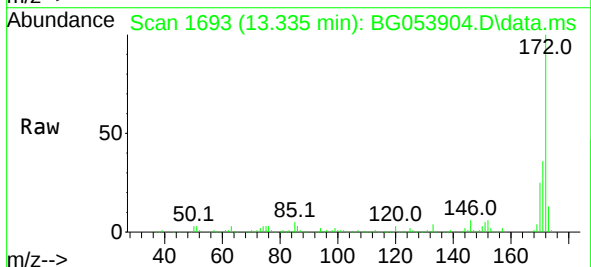
Instrument :
BNA_G
ClientSampleId :
COM-4

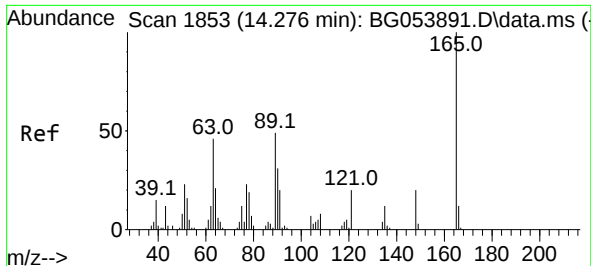
Tgt Ion:330 Resp: 163176
Ion Ratio Lower Upper
330 100
332 95.5 76.0 114.0
141 23.5 27.1 40.7#



#45
2-Fluorobiphenyl
Concen: 102.039 ng
RT: 13.335 min Scan# 1693
Delta R.T. 0.000 min
Lab File: BG053904.D
Acq: 14 Jun 2022 16:48

Tgt Ion:172 Resp: 426947
Ion Ratio Lower Upper
172 100
171 36.4 28.5 42.7
170 24.6 18.9 28.3

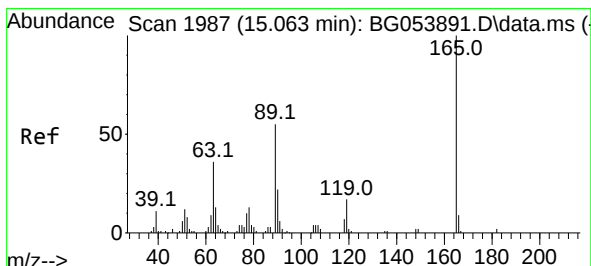
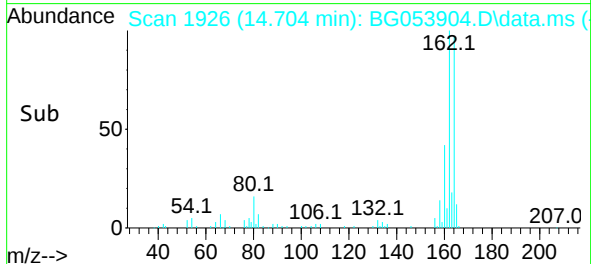
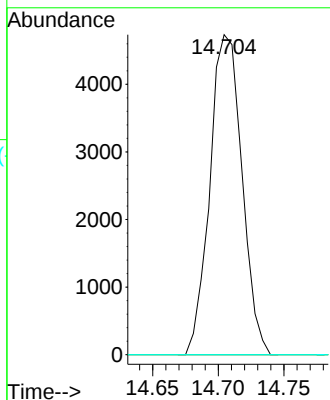
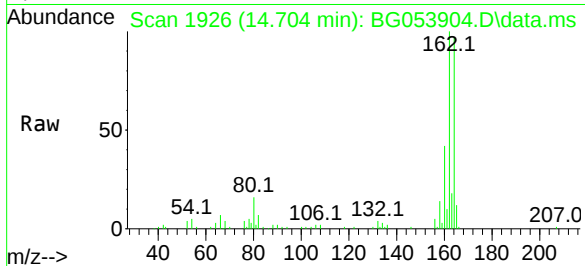




#51
2,6-Dinitrotoluene
Concen: 8.593 ng
RT: 14.704 min Scan# 1926
Delta R.T. 0.429 min
Lab File: BG053904.D
Acq: 14 Jun 2022 16:48

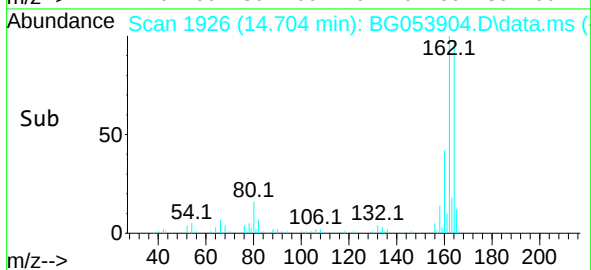
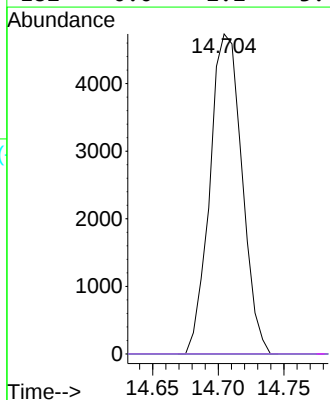
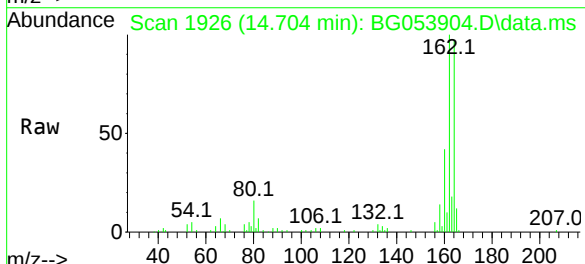
Instrument :
BNA_G
ClientSampleId :
COM-4

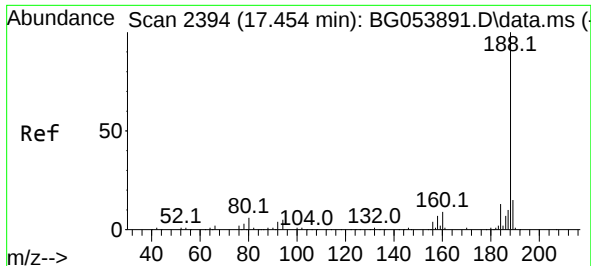
Tgt Ion:165 Resp: 8045
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#



#57
2,4-Dinitrotoluene
Concen: 6.085 ng
RT: 14.704 min Scan# 1926
Delta R.T. -0.358 min
Lab File: BG053904.D
Acq: 14 Jun 2022 16:48

Tgt Ion:165 Resp: 8045
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#

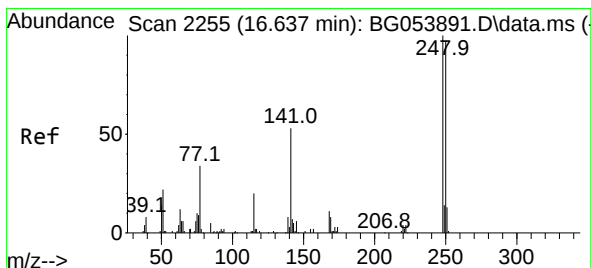
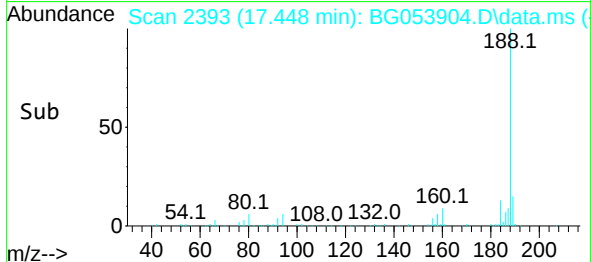
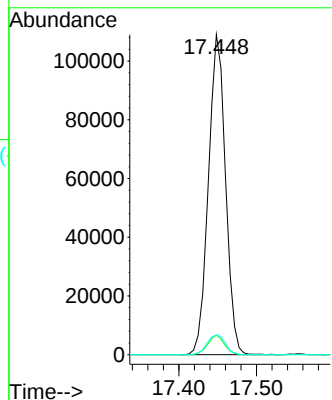
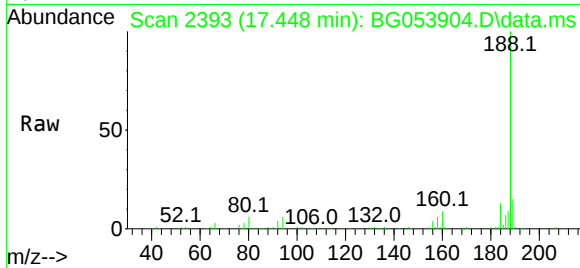




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.448 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG053904.D
Acq: 14 Jun 2022 16:48

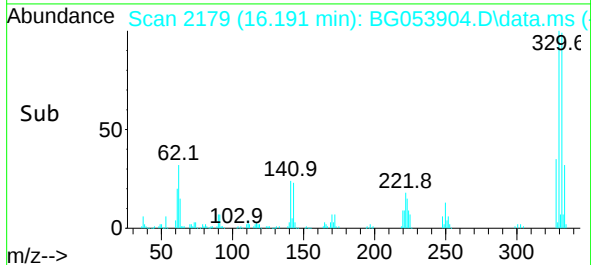
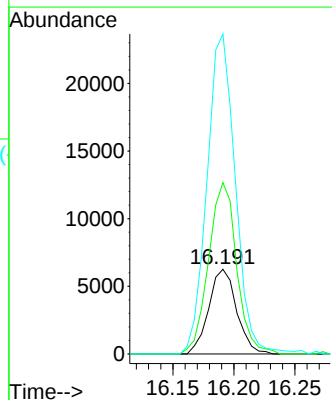
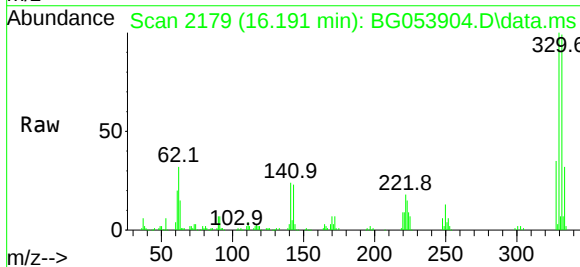
Instrument :
BNA_G
ClientSampleId :
COM-4

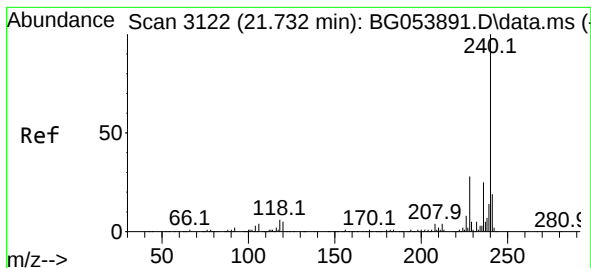
Tgt Ion:188 Resp: 166914
Ion Ratio Lower Upper
188 100
94 6.2 5.4 8.0
80 6.1 6.8 10.2#



#67
4-Bromophenyl-phenylether
Concen: 4.773 ng
RT: 16.191 min Scan# 2179
Delta R.T. -0.447 min
Lab File: BG053904.D
Acq: 14 Jun 2022 16:48

Tgt Ion:248 Resp: 9950
Ion Ratio Lower Upper
248 100
250 202.4 75.2 112.8#
141 378.0 50.0 75.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.726 min Scan# 31

Delta R.T. -0.006 min

Lab File: BG053904.D

Acq: 14 Jun 2022 16:48

Instrument :

BNA_G

ClientSampleId :

COM-4

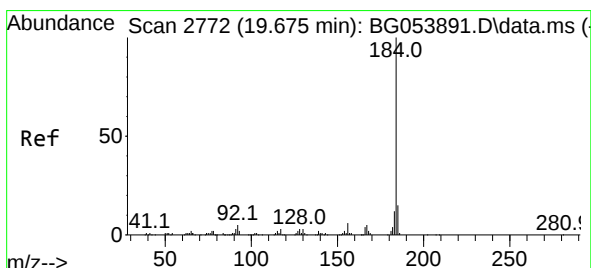
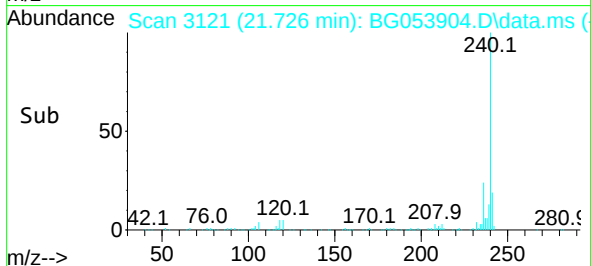
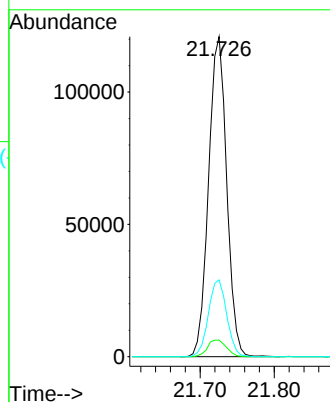
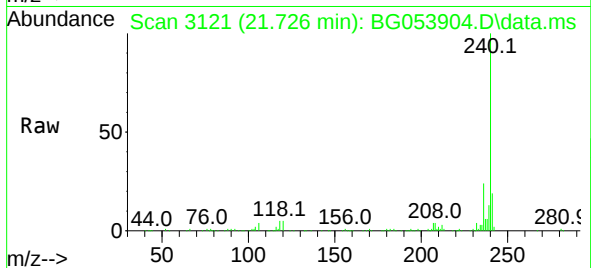
Tgt Ion:240 Resp: 205299

Ion Ratio Lower Upper

240 100

120 5.2 4.6 7.0

236 24.0 20.2 30.4



#77

Benzidine

Concen: 3.143 ng

RT: 20.057 min Scan# 2837

Delta R.T. 0.382 min

Lab File: BG053904.D

Acq: 14 Jun 2022 16:48

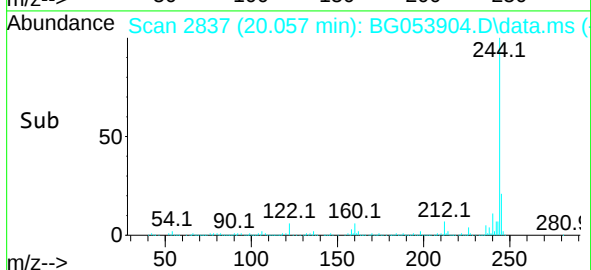
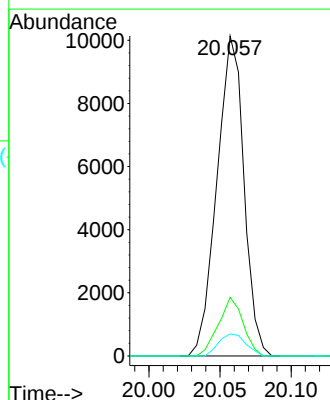
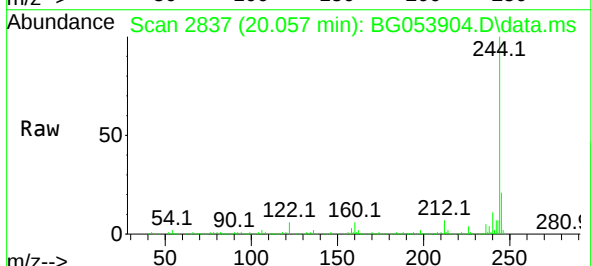
Tgt Ion:184 Resp: 13362

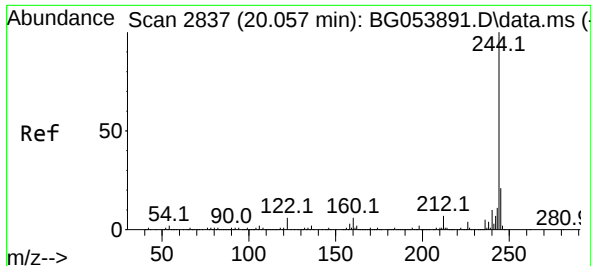
Ion Ratio Lower Upper

184 100

185 18.3 11.8 17.6#

183 6.9 8.9 13.3#

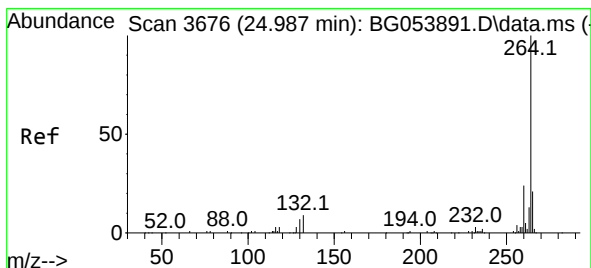
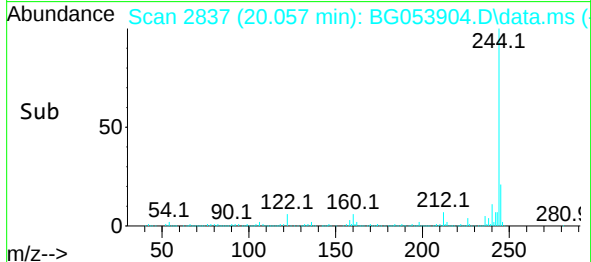
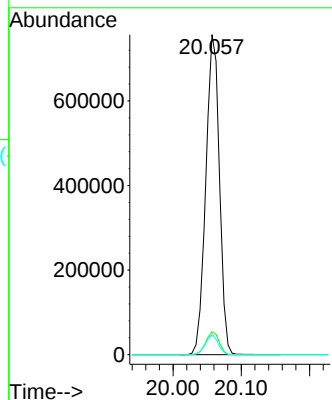
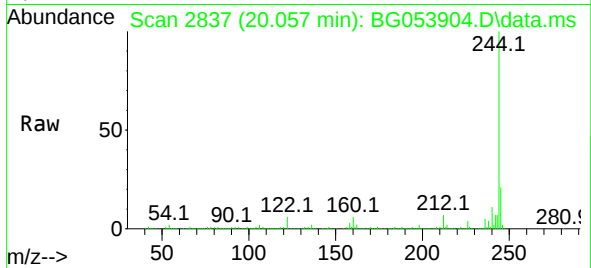




#79
 Terphenyl-d14
 Concen: 102.924 ng
 RT: 20.057 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BG053904.D
 Acq: 14 Jun 2022 16:48

Instrument :
 BNA_G
 ClientSampleId :
 COM-4

Tgt Ion:244 Resp: 1049125
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.5 9.7
 122 6.2 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.987 min Scan# 3676
 Delta R.T. 0.000 min
 Lab File: BG053904.D
 Acq: 14 Jun 2022 16:48

Tgt Ion:264 Resp: 210617
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.0 28.6
 265 22.5 17.4 26.2

