

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051322\
 Data File : BG053552.D
 Acq On : 13 May 2022 21:03
 Operator : CG/JU
 Sample : N2795-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-239

Quant Time: May 14 03:14:56 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)

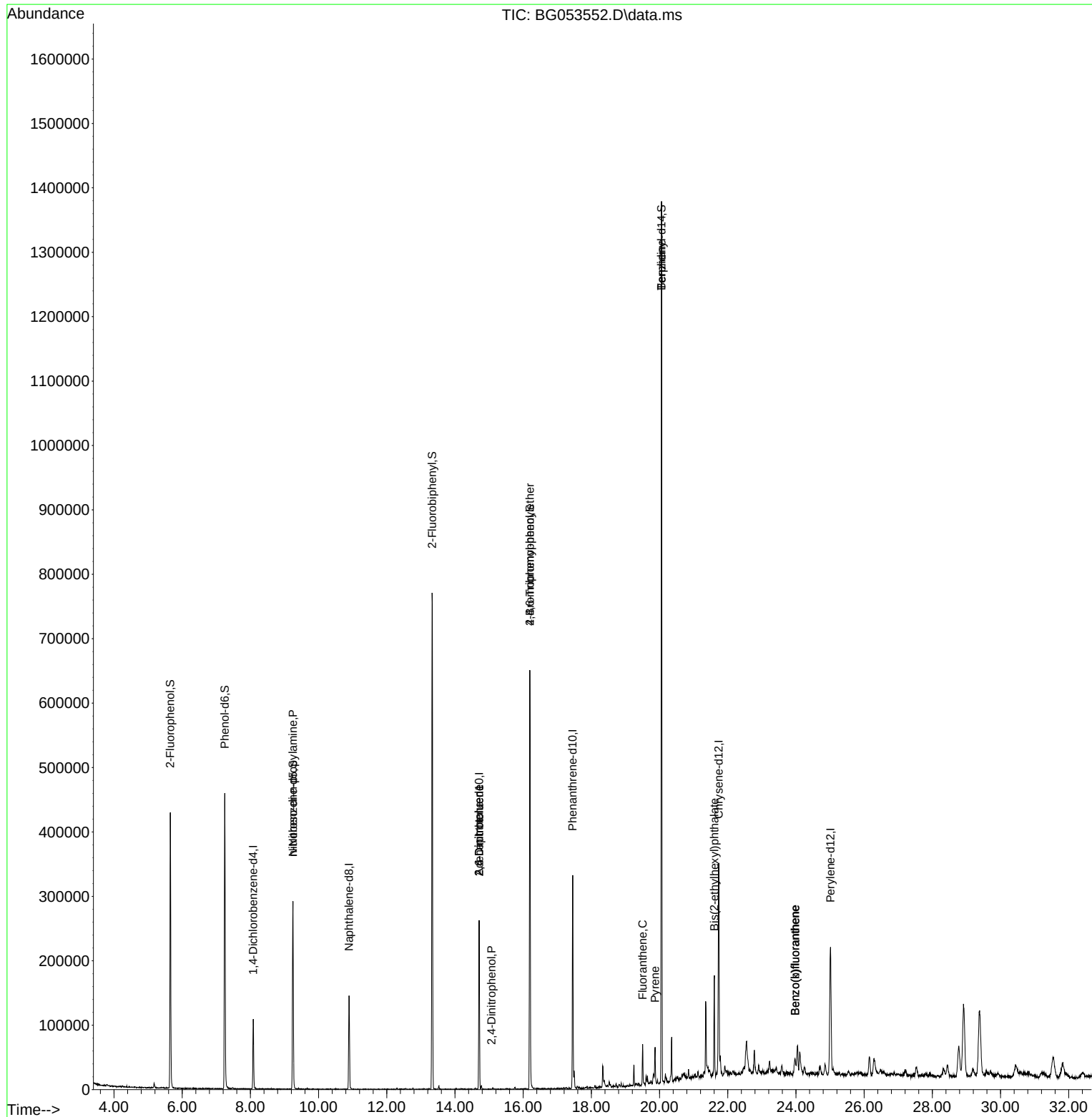
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.083	152	29228	20.000	ng	0.00
21) Naphthalene-d8	10.891	136	120533	20.000	ng	# 0.00
39) Acenaphthene-d10	14.710	164	93479	20.000	ng	0.00
64) Phenanthrene-d10	17.453	188	207720	20.000	ng	0.00
76) Chrysene-d12	21.735	240	197713	20.000	ng	0.00
86) Perylene-d12	25.013	264	204294	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.651	112	170195	98.824	ng	0.00
7) Phenol-d6	7.249	99	266135	101.823	ng	0.00
23) Nitrobenzene-d5	9.246	82	185748	65.600	ng	0.00
42) 2,4,6-Tribromophenol	16.196	330	131399	95.306	ng	0.00
45) 2-Fluorobiphenyl	13.329	172	427239	66.787	ng	0.00
79) Terphenyl-d14	20.055	244	707886	66.683	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.246	70	25747	13.730	ng	# 79
51) 2,6-Dinitrotoluene	14.710	165	12132	8.383	ng	# 17
54) 2,4-Dinitrophenol	15.068	184	54	6.299	ng	# 11
57) 2,4-Dinitrotoluene	14.710	165	12132	5.783	ng	# 22
67) 4-Bromophenyl-phenylether	16.196	248	9364	3.860	ng	# 1
75) Fluoranthene	19.503	202	38144	2.789	ng	97
77) Benzidine	20.055	184	12215	2.866	ng	# 93
78) Pyrene	19.867	202	37138	2.902	ng	98
84) Bis(2-ethylhexyl)phtha...	21.606	149	60917	9.404	ng	99
88) Benzo(b)fluoranthene	23.980	252	28482	2.355	ng	# 99
89) Benzo(k)fluoranthene	23.980	252	28482	2.397	ng	# 98

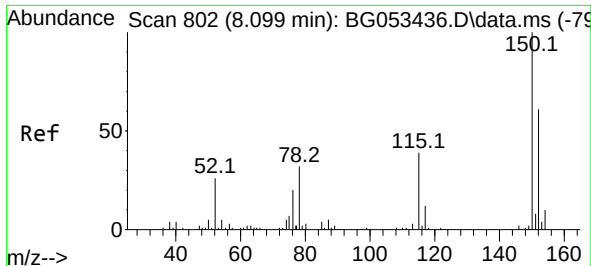
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051322\
Data File : BG053552.D
Acq On : 13 May 2022 21:03
Operator : CG/JU
Sample : N2795-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VNJ-239

Quant Time: May 14 03:14:56 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

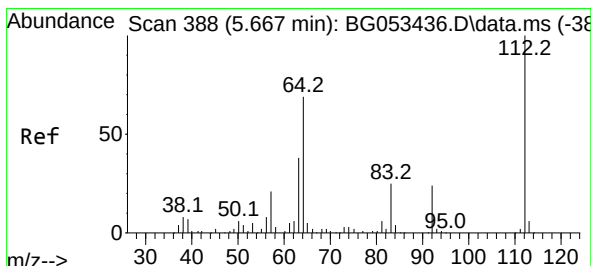
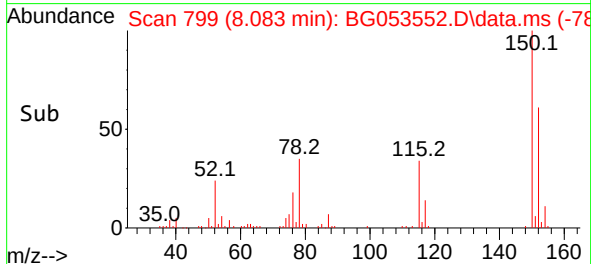
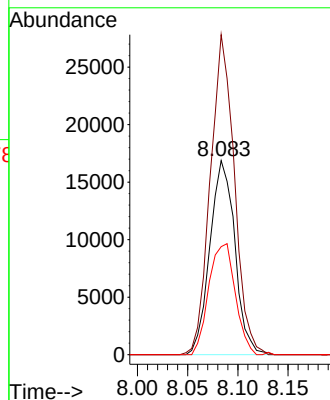
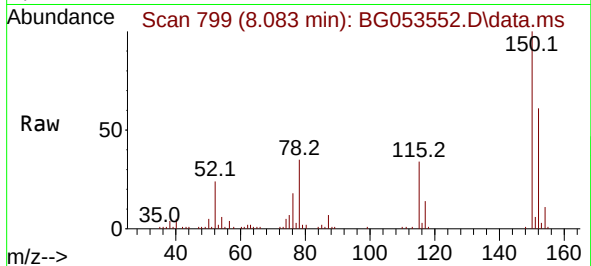




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.083 min Scan# 79
Delta R.T. -0.006 min
Lab File: BG053552.D
Acq: 13 May 2022 21:03

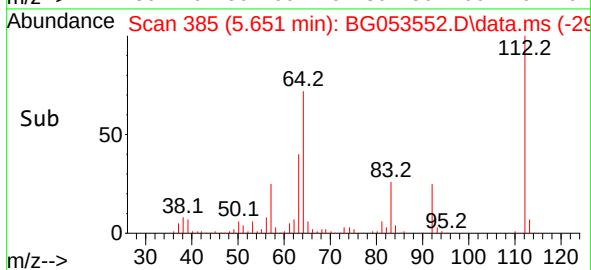
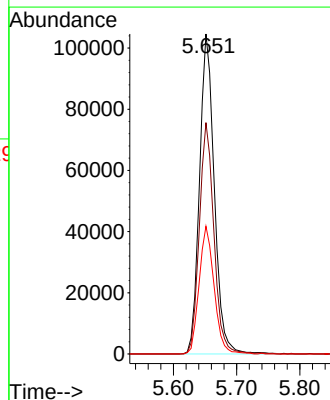
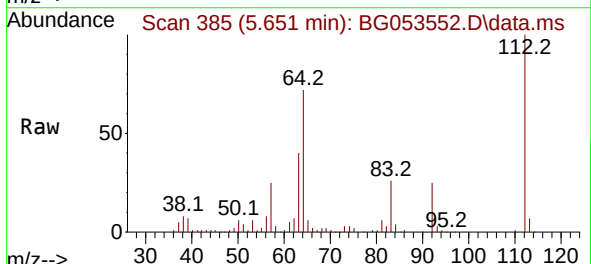
Instrument :
BNA_G
ClientSampleId :
VNJ-239

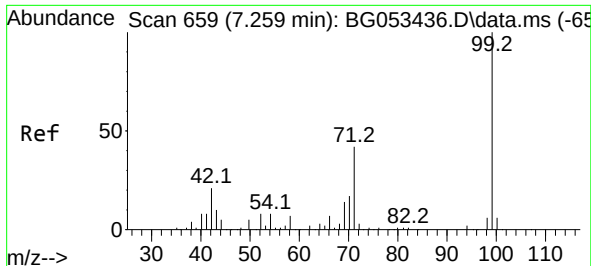
Tgt Ion:152 Resp: 29228
Ion Ratio Lower Upper
152 100
150 164.9 131.6 197.4
115 55.7 50.9 76.3



#5
2-Fluorophenol
Concen: 98.824 ng
RT: 5.651 min Scan# 385
Delta R.T. -0.000 min
Lab File: BG053552.D
Acq: 13 May 2022 21:03

Tgt Ion:112 Resp: 170195
Ion Ratio Lower Upper
112 100
64 72.3 55.1 82.7
63 39.9 30.4 45.6

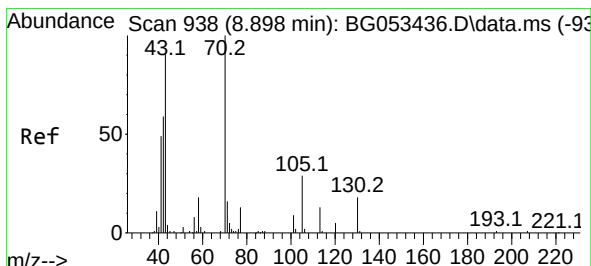
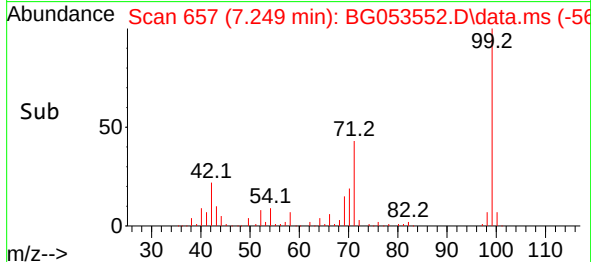
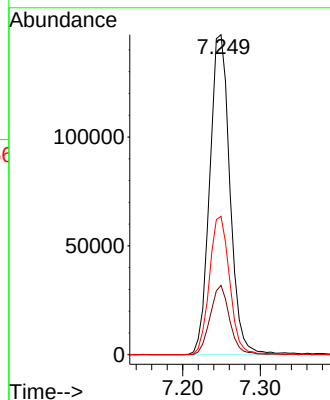
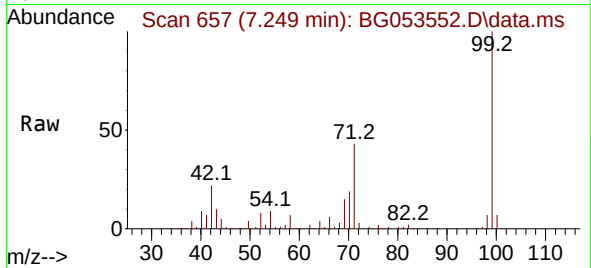




#7
Phenol-d6
Concen: 101.823 ng
RT: 7.249 min Scan# 61
Delta R.T. -0.000 min
Lab File: BG053552.D
Acq: 13 May 2022 21:03

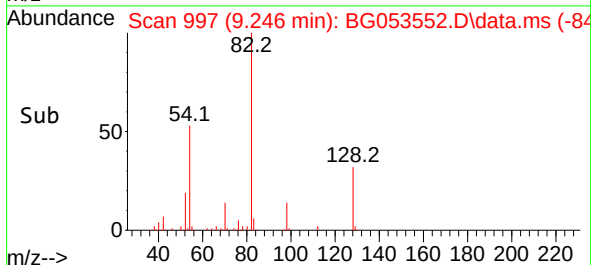
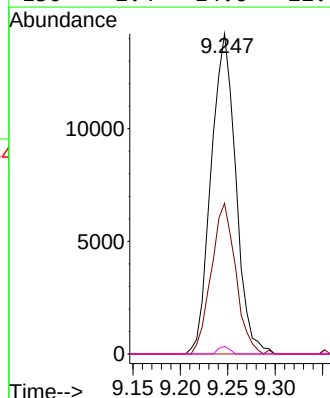
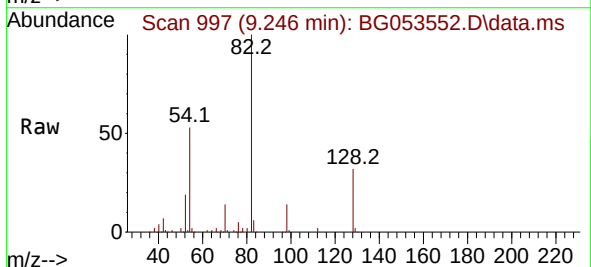
Instrument :
BNA_G
ClientSampleId :
VNJ-239

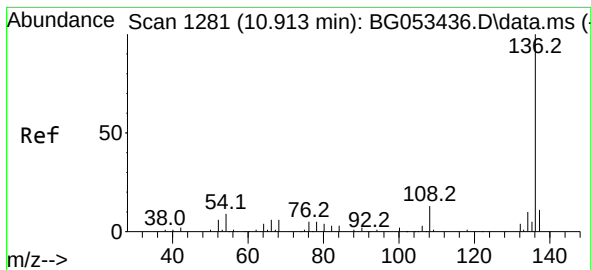
Tgt Ion: 99 Resp: 266135
Ion Ratio Lower Upper
99 100
42 21.6 17.0 25.6
71 43.3 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 13.730 ng
RT: 9.246 min Scan# 997
Delta R.T. 0.358 min
Lab File: BG053552.D
Acq: 13 May 2022 21:03

Tgt Ion: 70 Resp: 25747
Ion Ratio Lower Upper
70 100
42 47.0 47.3 70.9#
101 0.0 7.0 10.4#
130 2.4 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: BG053552.D

Acq: 13 May 2022 21:03

Instrument :

BNA_G

ClientSampleId :

VNJ-239

Tgt Ion:136 Resp: 120533

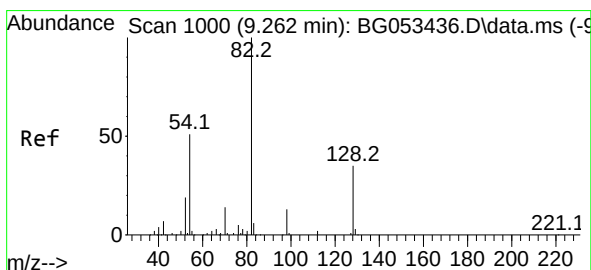
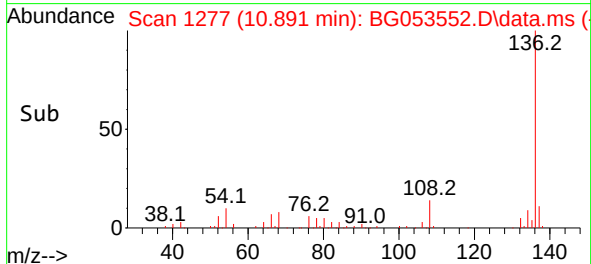
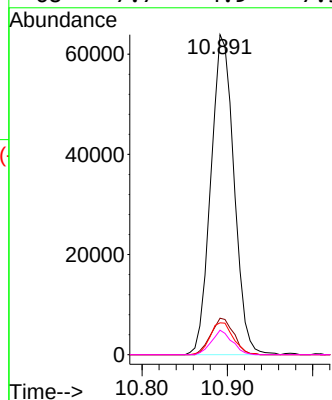
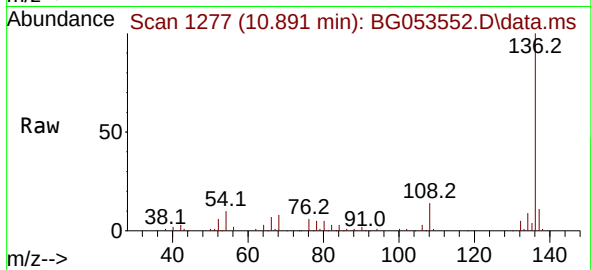
Ion Ratio Lower Upper

136 100

137 11.4 8.5 12.7

54 10.0 7.4 11.2

68 7.7 4.9 7.3#



#23

Nitrobenzene-d5

Concen: 65.600 ng

RT: 9.246 min Scan# 997

Delta R.T. -0.006 min

Lab File: BG053552.D

Acq: 13 May 2022 21:03

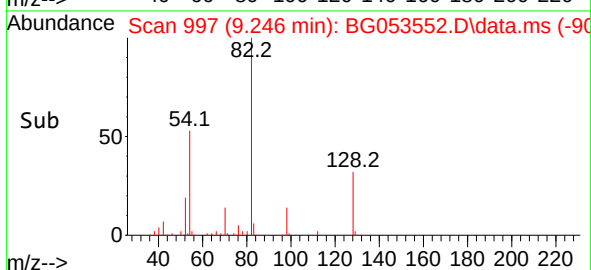
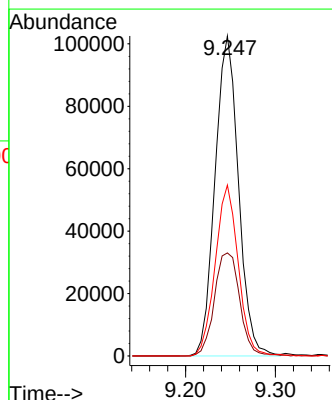
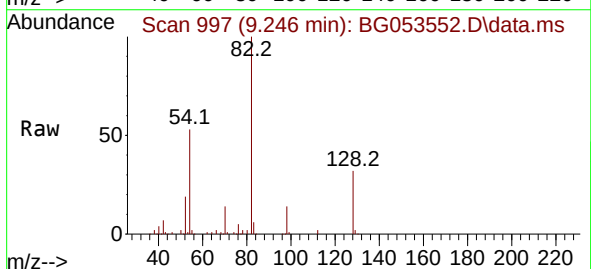
Tgt Ion: 82 Resp: 185748

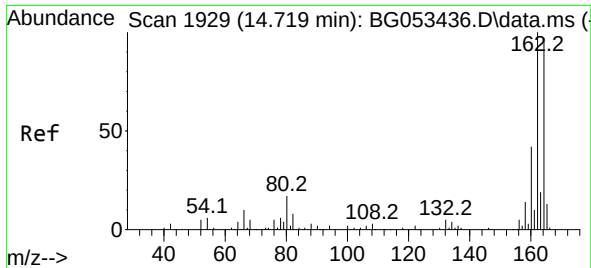
Ion Ratio Lower Upper

82 100

128 32.2 27.9 41.9

54 53.4 41.2 61.8

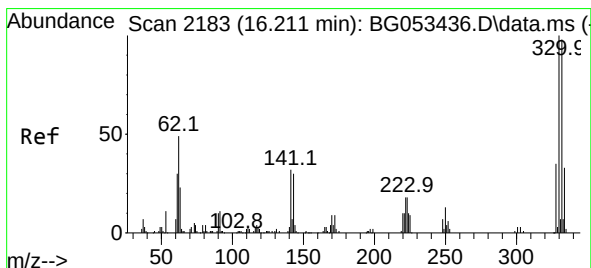
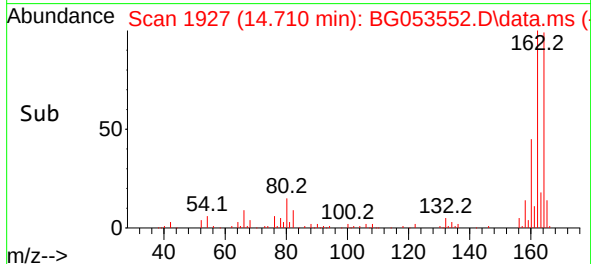
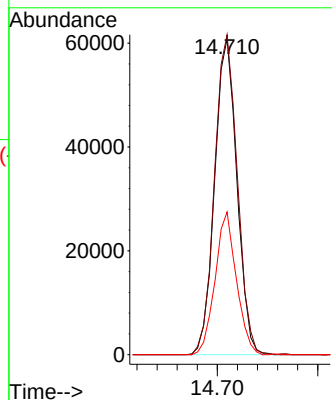
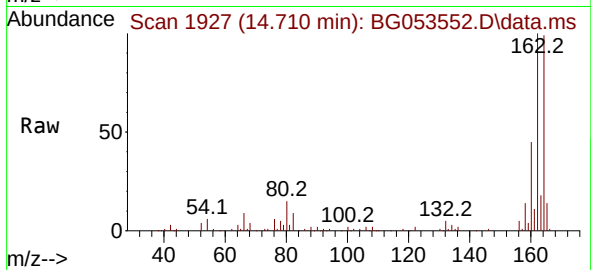




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.710 min Scan# 1929
Delta R.T. -0.006 min
Lab File: BG053552.D
Acq: 13 May 2022 21:03

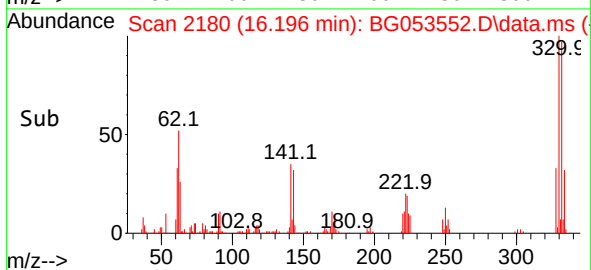
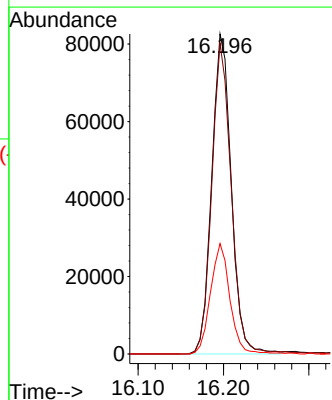
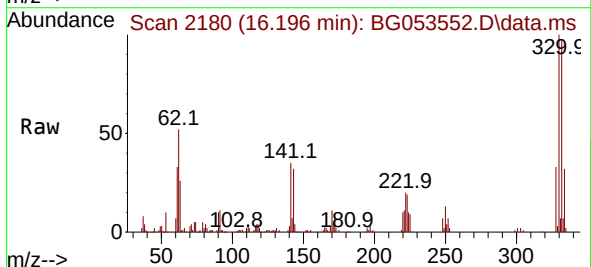
Instrument :
BNA_G
ClientSampleId :
VNJ-239

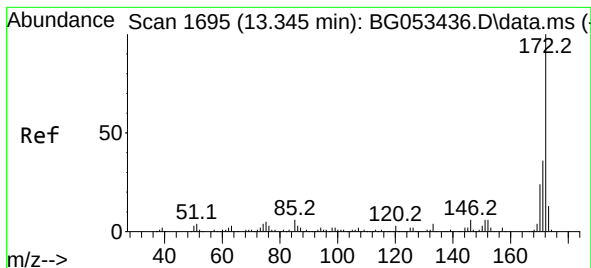
Tgt Ion:164 Resp: 93479
Ion Ratio Lower Upper
164 100
162 101.3 82.3 123.5
160 45.2 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 95.306 ng
RT: 16.196 min Scan# 2180
Delta R.T. -0.006 min
Lab File: BG053552.D
Acq: 13 May 2022 21:03

Tgt Ion:330 Resp: 131399
Ion Ratio Lower Upper
330 100
332 96.9 76.0 114.0
141 34.3 27.1 40.7

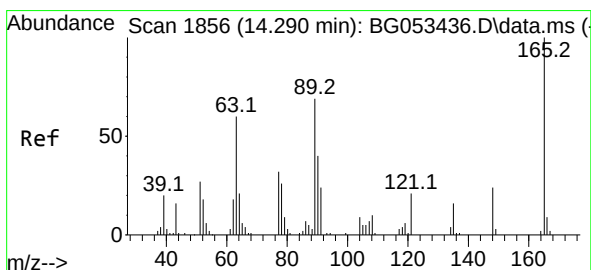
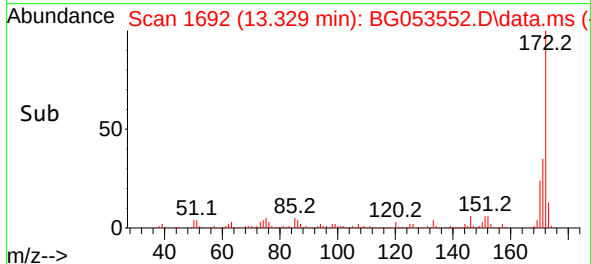
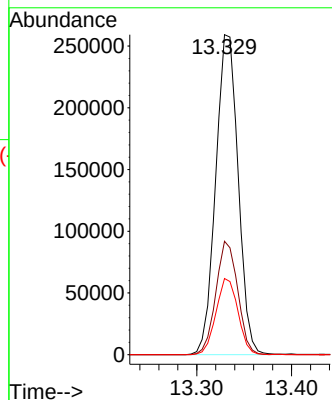
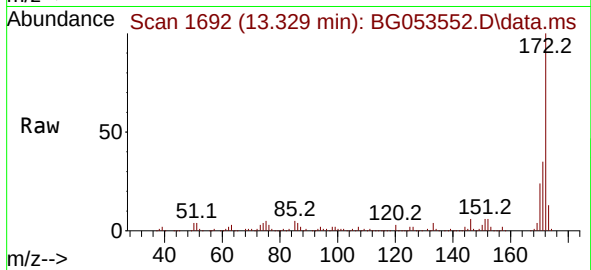




#45
2-Fluorobiphenyl
Concen: 66.787 ng
RT: 13.329 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG053552.D
Acq: 13 May 2022 21:03

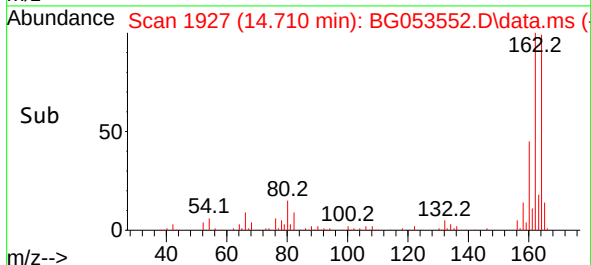
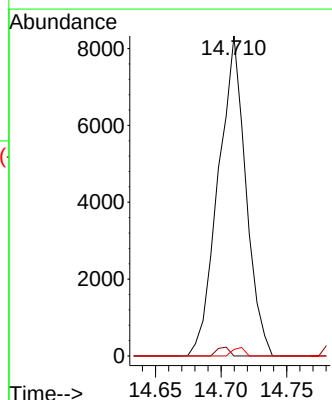
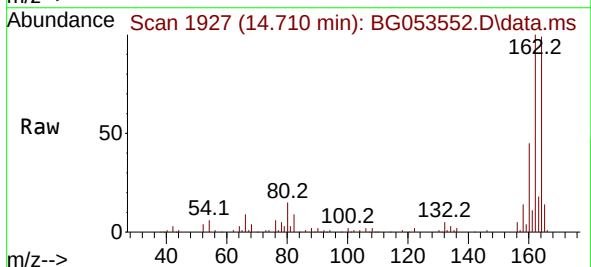
Instrument :
BNA_G
ClientSampleId :
VNJ-239

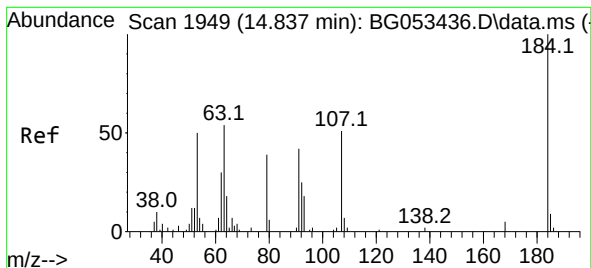
Tgt Ion:172 Resp: 427239
Ion Ratio Lower Upper
172 100
171 35.5 28.5 42.7
170 23.8 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 8.383 ng
RT: 14.710 min Scan# 1927
Delta R.T. 0.429 min
Lab File: BG053552.D
Acq: 13 May 2022 21:03

Tgt Ion:165 Resp: 12132
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 2.1 54.8 82.2#

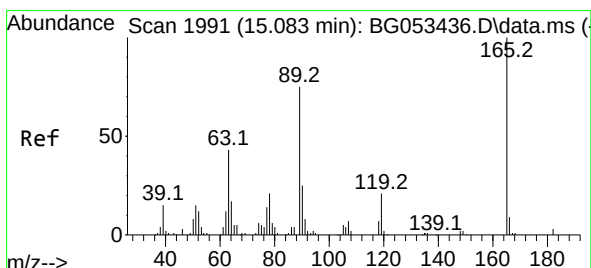
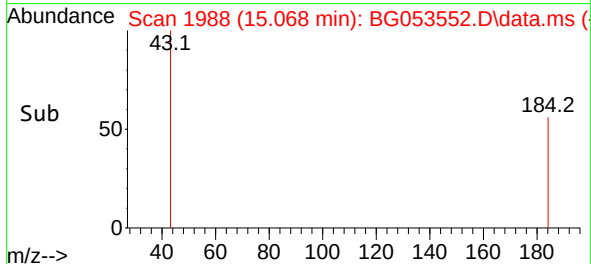
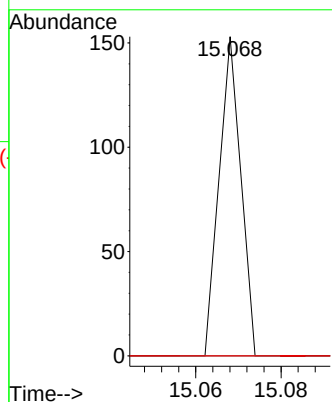
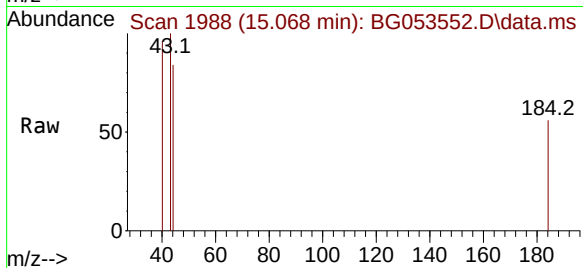




#54
2,4-Dinitrophenol
Concen: 6.299 ng
RT: 15.068 min Scan# 1949
Delta R.T. 0.235 min
Lab File: BG053552.D
Acq: 13 May 2022 21:03

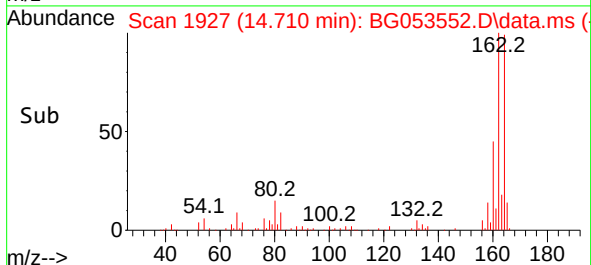
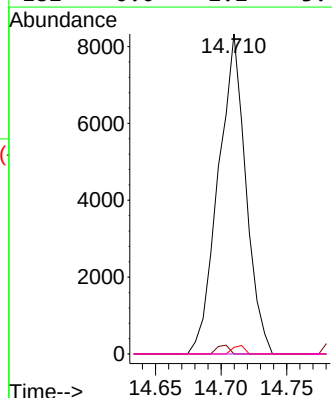
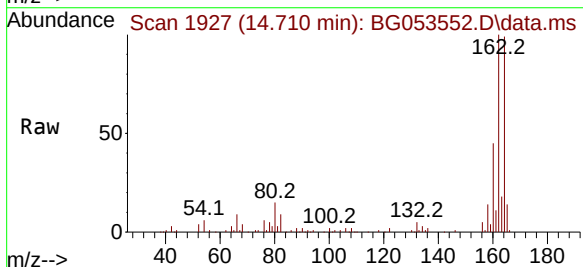
Instrument :
BNA_G
ClientSampleId :
VNJ-239

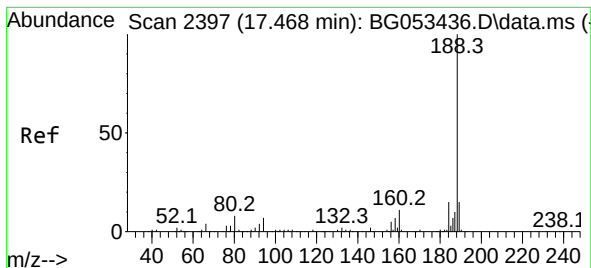
Tgt Ion:184 Resp: 54
Ion Ratio Lower Upper
184 100
63 0.0 61.1 91.7#
154 0.0 60.6 91.0#



#57
2,4-Dinitrotoluene
Concen: 5.783 ng
RT: 14.710 min Scan# 1927
Delta R.T. -0.364 min
Lab File: BG053552.D
Acq: 13 May 2022 21:03

Tgt Ion:165 Resp: 12132
Ion Ratio Lower Upper
165 100
63 0.0 34.6 52.0#
89 2.1 60.3 90.5#
182 0.0 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.453 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG053552.D

Acq: 13 May 2022 21:03

Instrument :

BNA_G

ClientSampleId :

VNJ-239

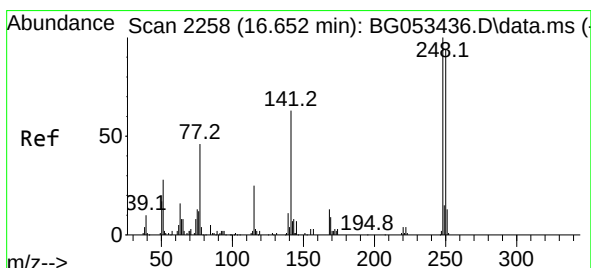
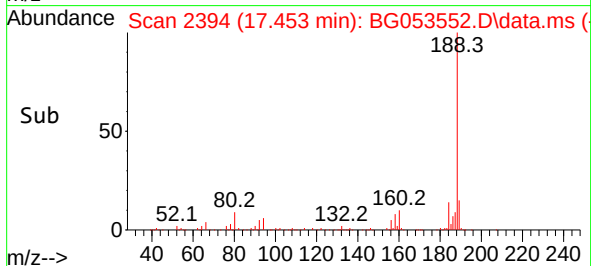
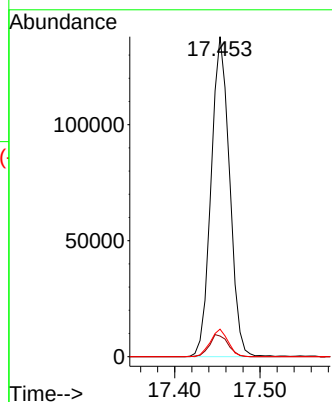
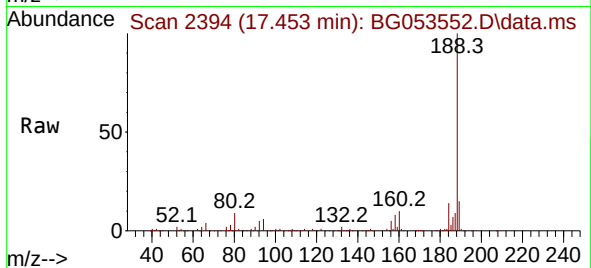
Tgt Ion:188 Resp: 207720

Ion Ratio Lower Upper

188 100

94 6.4 5.4 8.0

80 8.6 6.8 10.2



#67

4-Bromophenyl-phenylether

Concen: 3.860 ng

RT: 16.196 min Scan# 2180

Delta R.T. -0.447 min

Lab File: BG053552.D

Acq: 13 May 2022 21:03

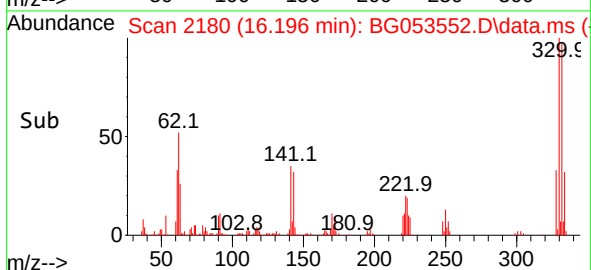
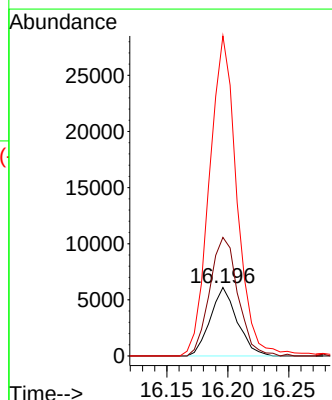
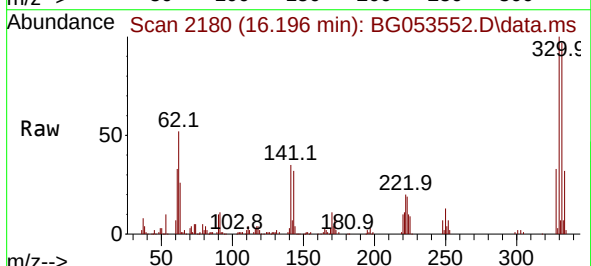
Tgt Ion:248 Resp: 9364

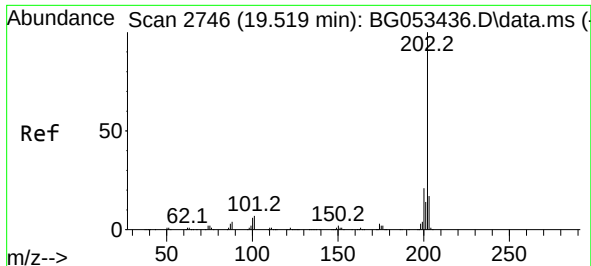
Ion Ratio Lower Upper

248 100

250 173.3 75.2 112.8#

141 467.4 50.0 75.0#

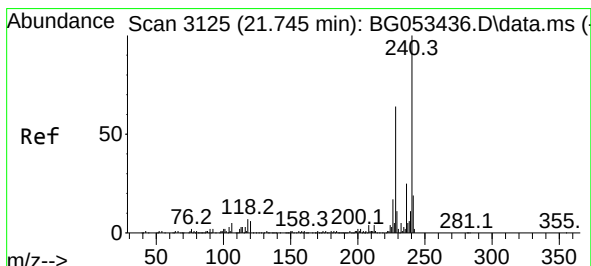
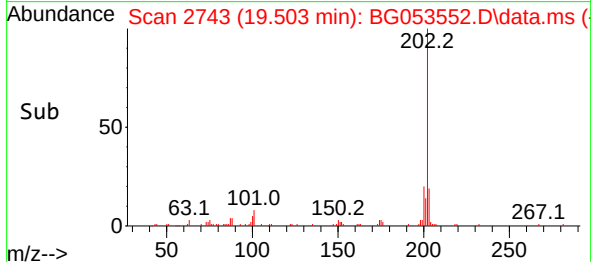
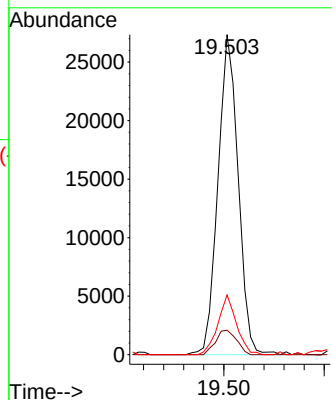
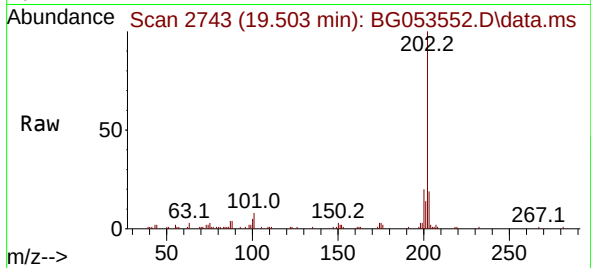




#75
Fluoranthene
Concen: 2.789 ng
RT: 19.503 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG053552.D
Acq: 13 May 2022 21:03

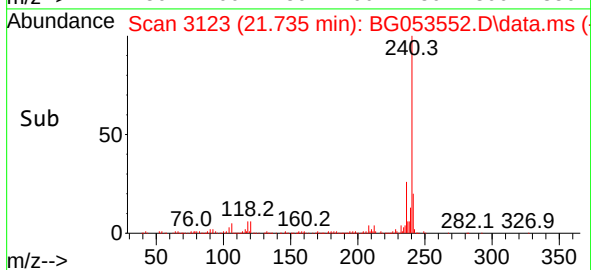
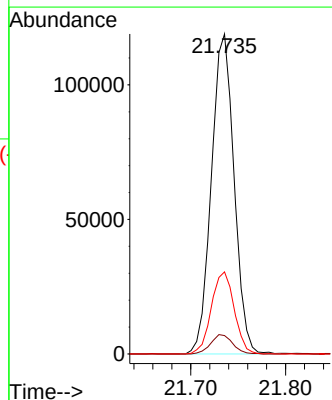
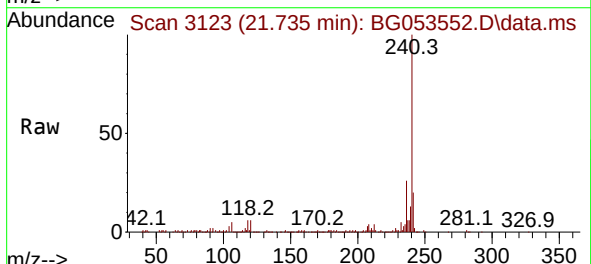
Instrument :
BNA_G
ClientSampleId :
VNJ-239

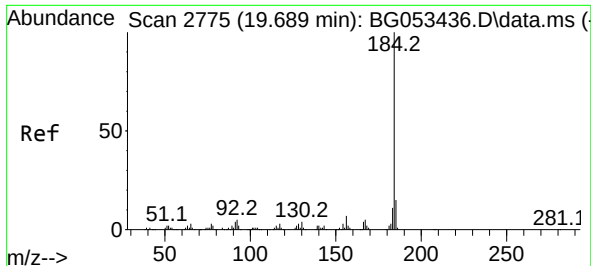
Tgt Ion:202 Resp: 38144
Ion Ratio Lower Upper
202 100
101 7.7 0.0 26.9
203 18.6 0.0 37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.735 min Scan# 3123
Delta R.T. -0.006 min
Lab File: BG053552.D
Acq: 13 May 2022 21:03

Tgt Ion:240 Resp: 197713
Ion Ratio Lower Upper
240 100
120 5.8 4.6 7.0
236 25.6 20.2 30.4

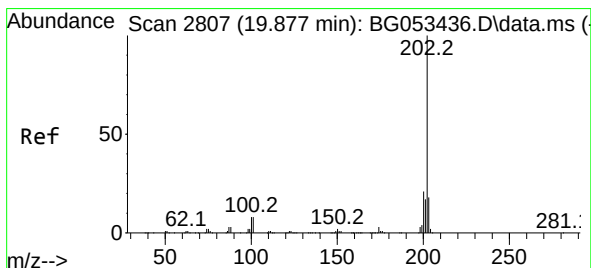
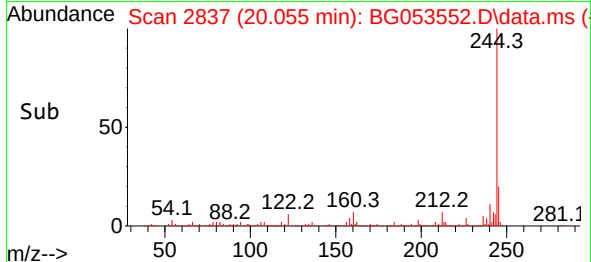
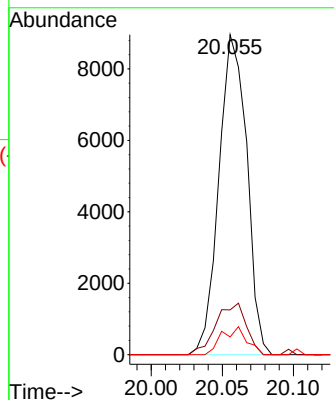
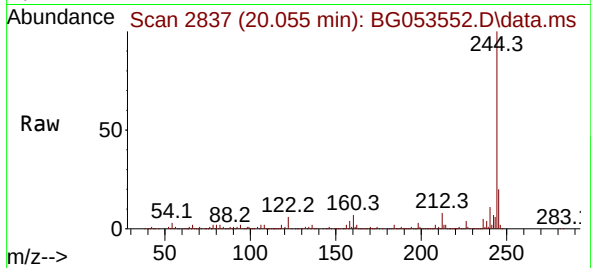




#77
Benzidine
Concen: 2.866 ng
RT: 20.055 min Scan# 21
Delta R.T. 0.376 min
Lab File: BG053552.D
Acq: 13 May 2022 21:03

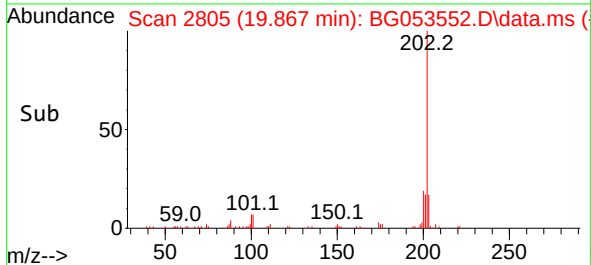
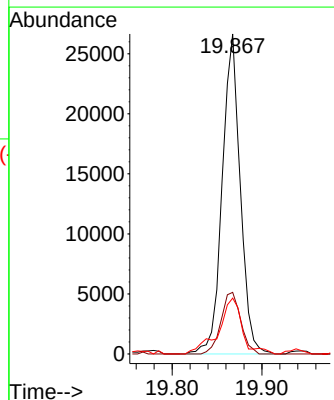
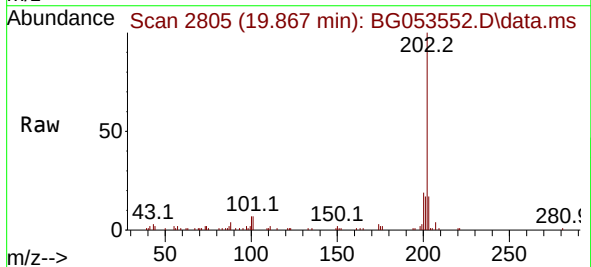
Instrument :
BNA_G
ClientSampleId :
VNJ-239

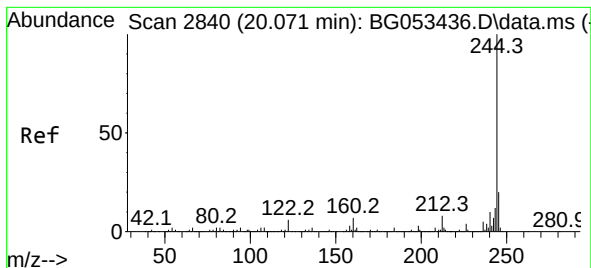
Tgt Ion:184 Resp: 12215
Ion Ratio Lower Upper
184 100
185 14.0 11.8 17.6
183 5.5 8.9 13.3#



#78
Pyrene
Concen: 2.902 ng
RT: 19.867 min Scan# 2805
Delta R.T. -0.006 min
Lab File: BG053552.D
Acq: 13 May 2022 21:03

Tgt Ion:202 Resp: 37138
Ion Ratio Lower Upper
202 100
200 19.2 16.6 24.8
203 17.4 14.6 21.8





#79

Terphenyl-d14

Concen: 66.683 ng

RT: 20.055 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG053552.D

Acq: 13 May 2022 21:03

Instrument :

BNA_G

ClientSampleId :

VNJ-239

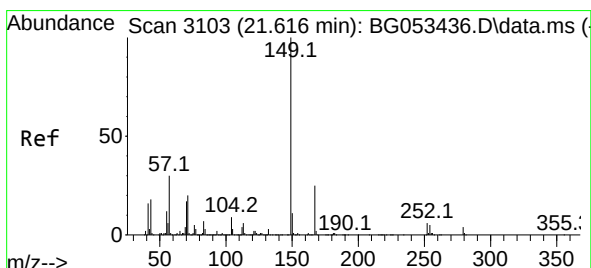
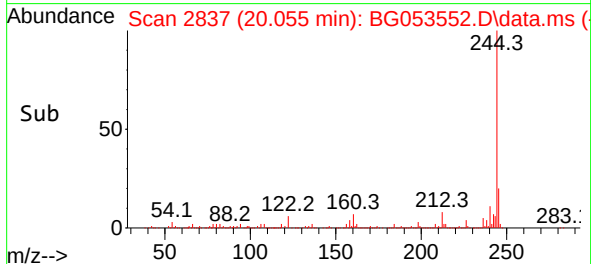
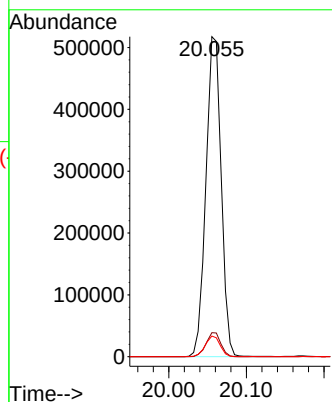
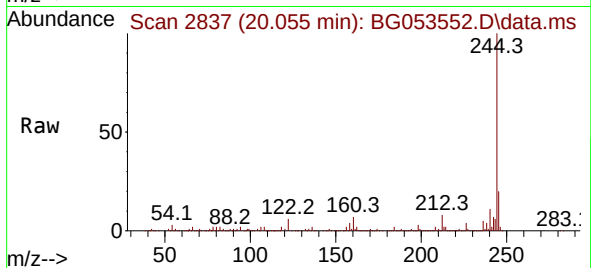
Tgt Ion:244 Resp: 707886

Ion Ratio Lower Upper

244 100

212 7.5 6.5 9.7

122 6.5 5.0 7.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 9.404 ng

RT: 21.606 min Scan# 3101

Delta R.T. -0.000 min

Lab File: BG053552.D

Acq: 13 May 2022 21:03

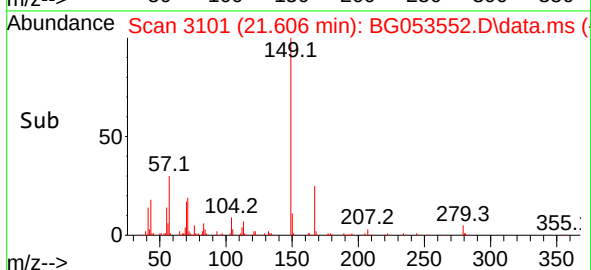
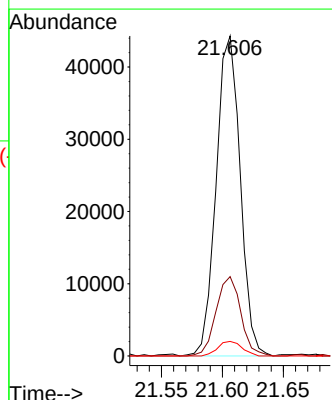
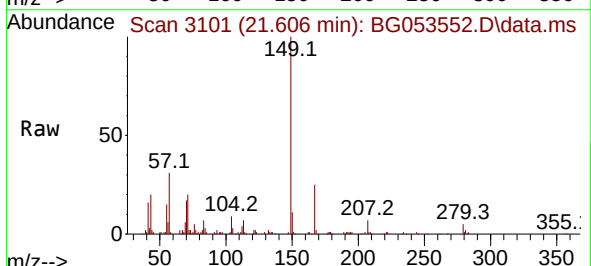
Tgt Ion:149 Resp: 60917

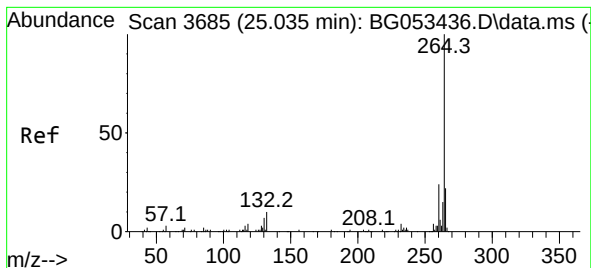
Ion Ratio Lower Upper

149 100

167 24.8 20.2 30.4

279 4.5 3.6 5.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.013 min Scan# 3

Delta R.T. -0.006 min

Lab File: BG053552.D

Acq: 13 May 2022 21:03

Instrument :

BNA_G

ClientSampleId :

VNJ-239

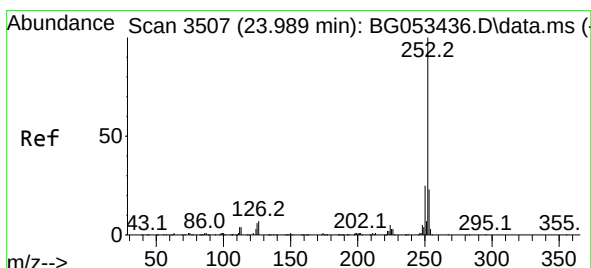
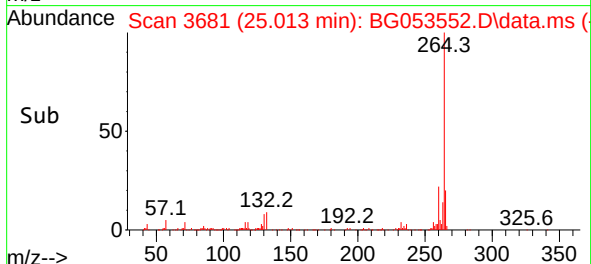
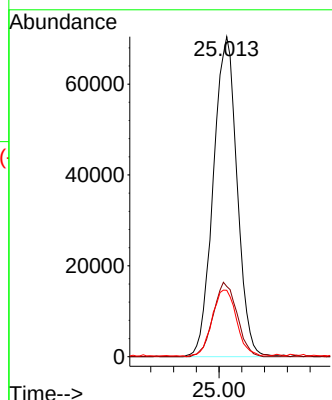
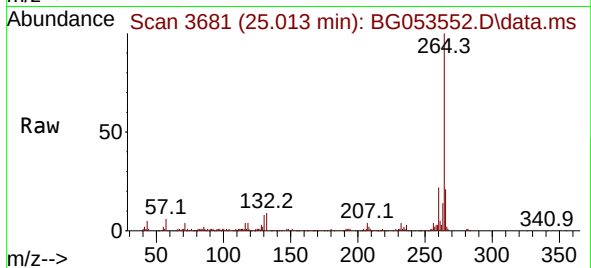
Tgt Ion:264 Resp: 204294

Ion Ratio Lower Upper

264 100

260 21.9 19.0 28.6

265 20.7 17.4 26.2



#88

Benzo(b)fluoranthene

Concen: 2.355 ng

RT: 23.980 min Scan# 3505

Delta R.T. -0.000 min

Lab File: BG053552.D

Acq: 13 May 2022 21:03

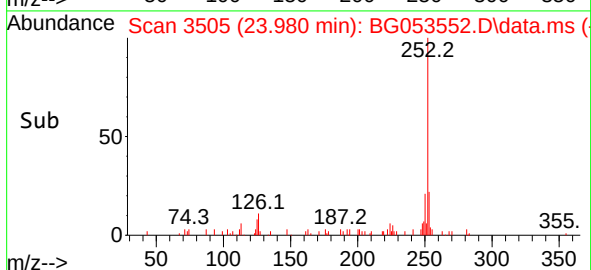
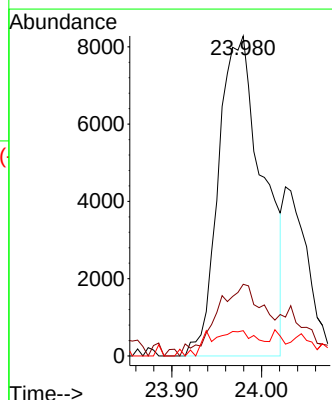
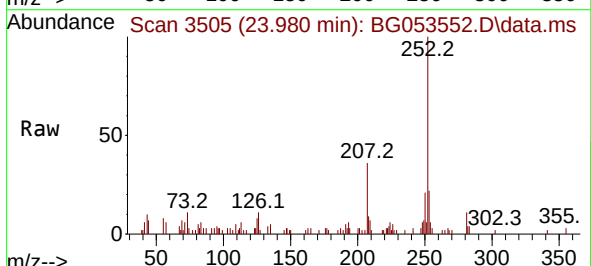
Tgt Ion:252 Resp: 28482

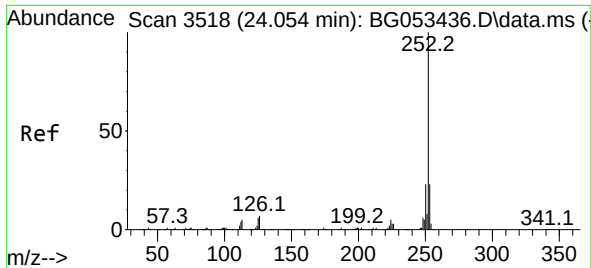
Ion Ratio Lower Upper

252 100

253 22.4 18.0 27.0

125 7.9 4.6 6.8#





#89
Benzo(k)fluoranthene
Concen: 2.397 ng
RT: 23.980 min Scan# 31
Delta R.T. -0.065 min
Lab File: BG053552.D
Acq: 13 May 2022 21:03

Instrument :
BNA_G
ClientSampleId :
VNJ-239

Tgt Ion:252 Resp: 28482
Ion Ratio Lower Upper
252 100
253 22.4 18.4 27.6
125 7.9 4.8 7.2#

