

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111122\
 Data File : BG055578.D
 Acq On : 11 Nov 2022 23:01
 Operator : CG/JU
 Sample : N5415-08RE
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 R-21RE

Quant Time: Nov 12 00:55:31 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 10 03:39:46 2022
 Response via : Initial Calibration

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

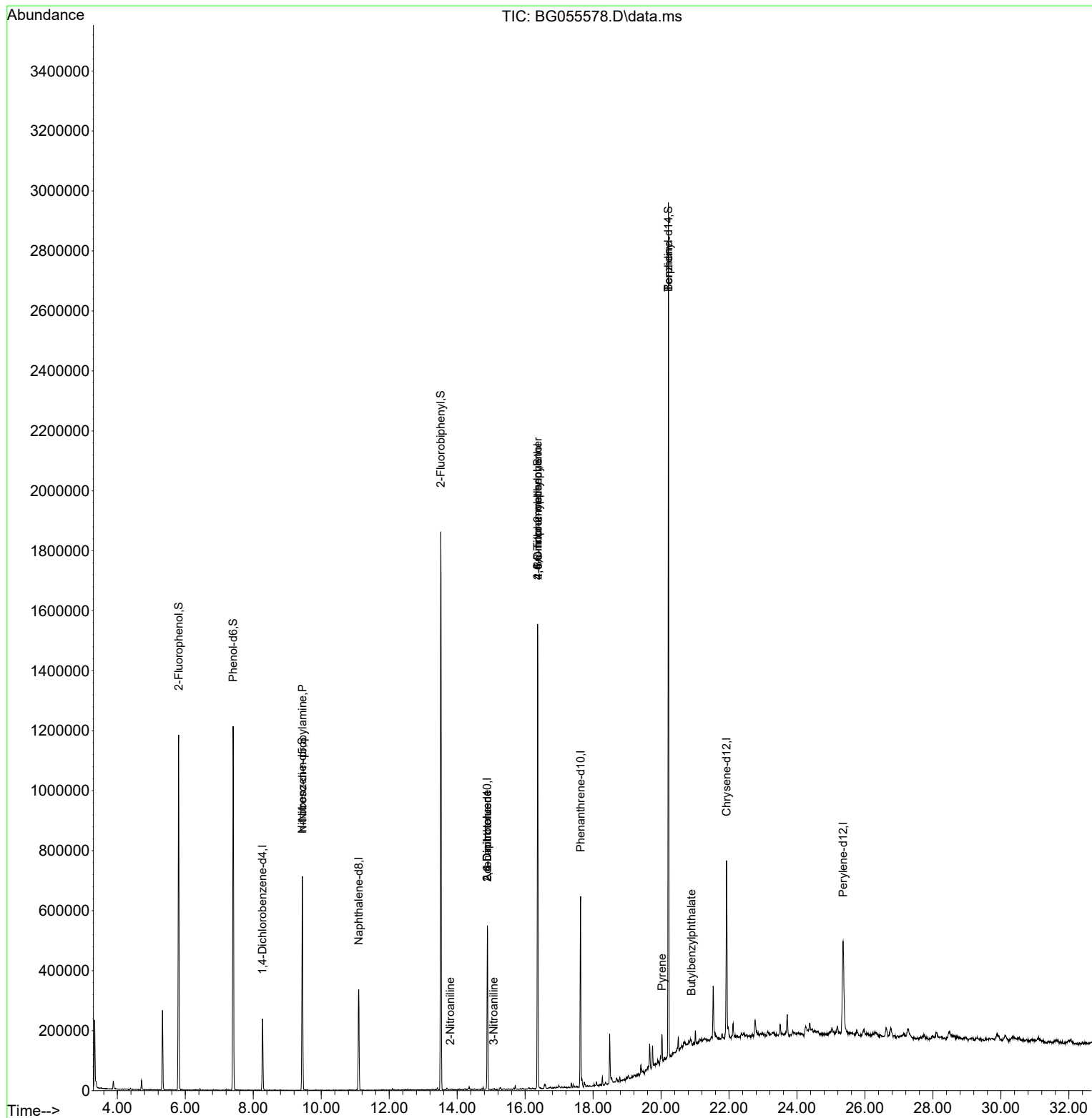
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.271	152	69368	20.000	ng	0.00
21) Naphthalene-d8	11.103	136	290437	20.000	ng	0.00
39) Acenaphthene-d10	14.887	164	198129	20.000	ng	0.00
64) Phenanthrene-d10	17.631	188	413560	20.000	ng	0.00
76) Chrysene-d12	21.926	240	375353	20.000	ng	0.00
86) Perylene-d12	25.357	264	401379	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.803	112	495217	135.978	ng	0.01
7) Phenol-d6	7.407	99	658430	130.884	ng	0.00
23) Nitrobenzene-d5	9.440	82	424034	98.975	ng	0.00
42) 2,4,6-Tribromophenol	16.367	330	302969	156.723	ng	0.00
45) 2-Fluorobiphenyl	13.518	172	967889	73.687	ng	0.00
79) Terphenyl-d14	20.216	244	1395963	74.700	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.446	70	57532	13.838	ng	# 80
48) 2-Nitroaniline	13.794	65	59	3.806	ng	# 8
51) 2,6-Dinitrotoluene	14.887	165	26212	12.406	ng	# 21
53) 3-Nitroaniline	15.075	138	200	3.837	ng	# 1
57) 2,4-Dinitrotoluene	14.887	165	26212	10.555	ng	# 22
65) 4,6-Dinitro-2-methylph...	16.367	198	859	2.756	ng	# 86
67) 4-Bromophenyl-phenylether	16.367	248	19401	4.599	ng	# 1
77) Benzidine	20.216	184	24175	2.381	ng	# 94
78) Pyrene	20.028	202	51605	2.031	ng	# 97
80) Butylbenzylphthalate	20.892	149	2019	3.558	ng	# 61

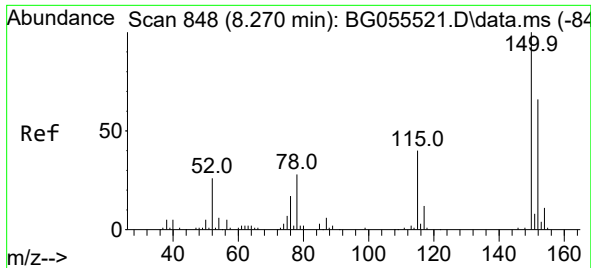
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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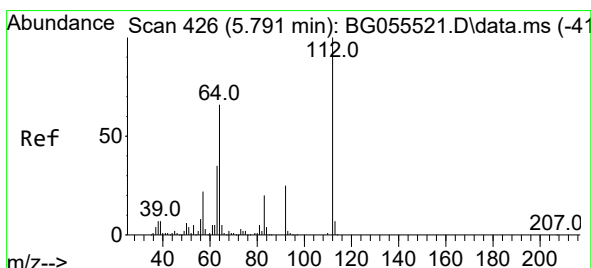
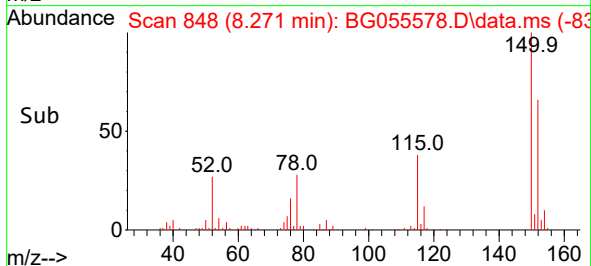
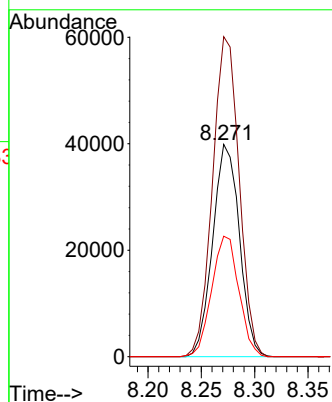
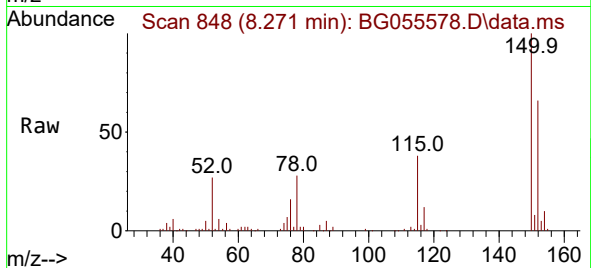




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.271 min Scan# 84
Delta R.T. 0.001 min
Lab File: BG055578.D
Acq: 11 Nov 2022 23:01

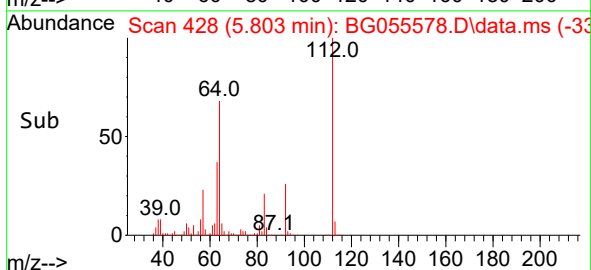
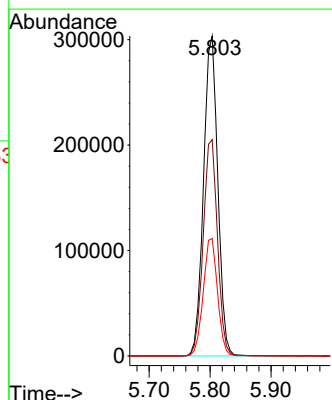
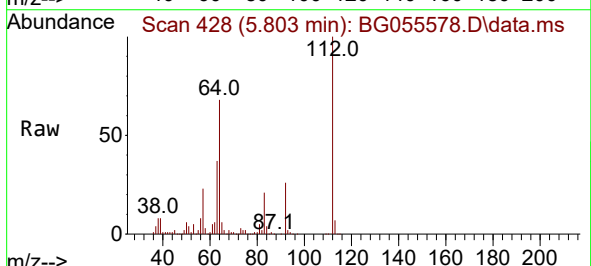
Instrument :
BNA_G
ClientSampleId :
R-21RE

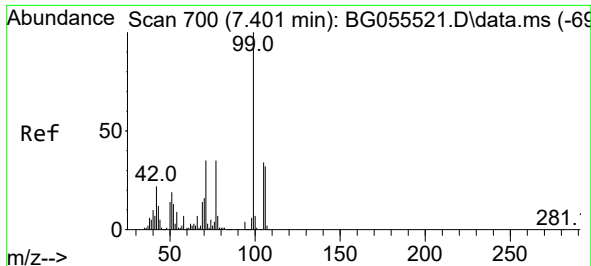
Tgt Ion:152 Resp: 69368
Ion Ratio Lower Upper
152 100
150 150.8 121.0 181.4
115 56.7 47.8 71.8



#5
2-Fluorophenol
Concen: 135.978 ng
RT: 5.803 min Scan# 428
Delta R.T. 0.012 min
Lab File: BG055578.D
Acq: 11 Nov 2022 23:01

Tgt Ion:112 Resp: 495217
Ion Ratio Lower Upper
112 100
64 67.6 52.6 78.8
63 36.7 28.3 42.5

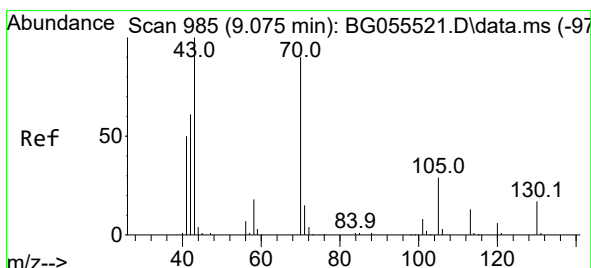
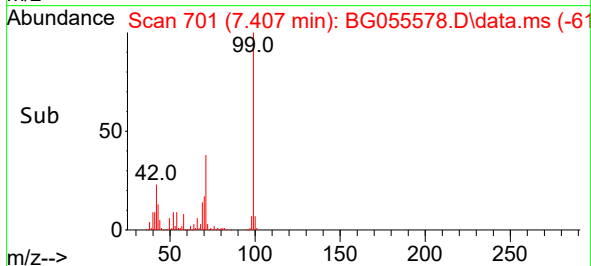
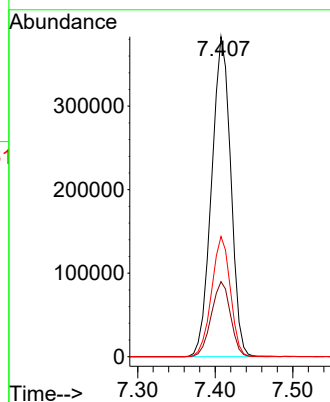
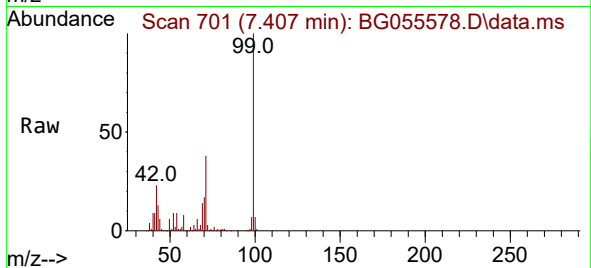




#7
Phenol-d6
Concen: 130.884 ng
RT: 7.407 min Scan# 700
Delta R.T. 0.006 min
Lab File: BG055578.D
Acq: 11 Nov 2022 23:01

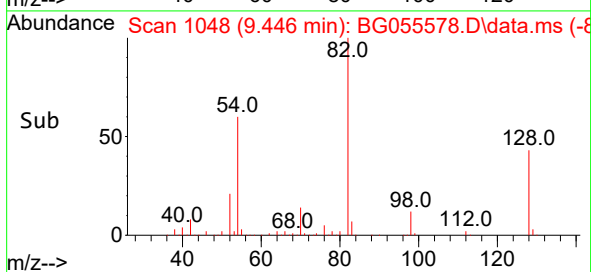
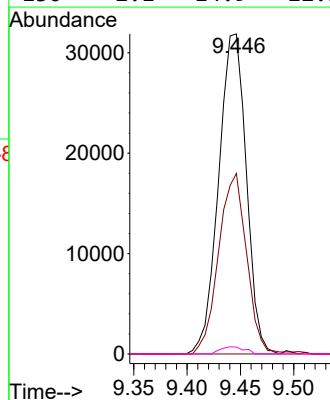
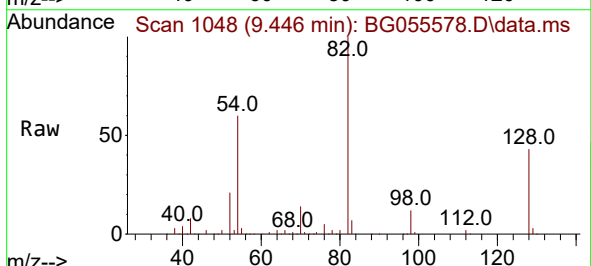
Instrument :
BNA_G
ClientSampleId :
R-21RE

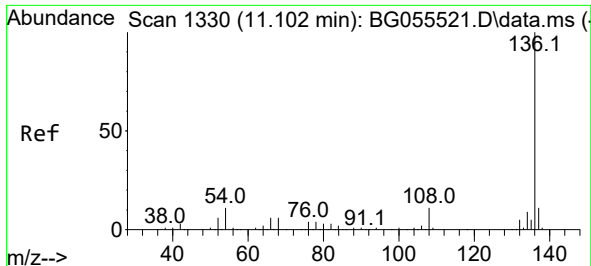
Tgt Ion: 99 Resp: 658430
Ion Ratio Lower Upper
99 100
42 23.5 17.5 26.3
71 37.5 28.3 42.5



#19
n-Nitroso-di-n-propylamine
Concen: 13.838 ng
RT: 9.446 min Scan# 1048
Delta R.T. 0.371 min
Lab File: BG055578.D
Acq: 11 Nov 2022 23:01

Tgt Ion: 70 Resp: 57532
Ion Ratio Lower Upper
70 100
42 56.4 54.8 82.2
101 0.0 6.8 10.2#
130 2.1 14.9 22.3#

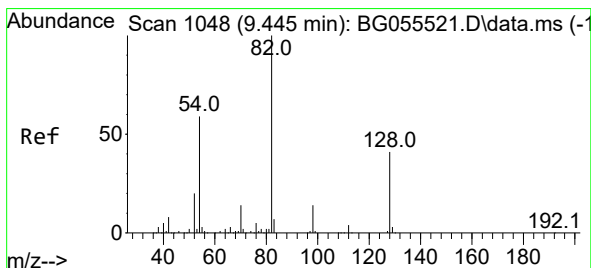
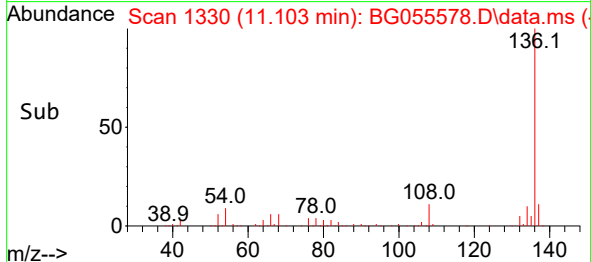
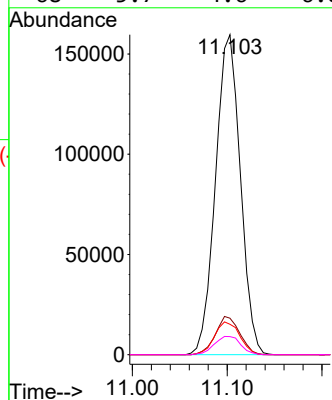
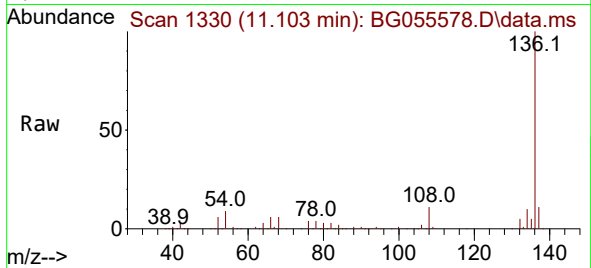




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.103 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG055578.D
Acq: 11 Nov 2022 23:01

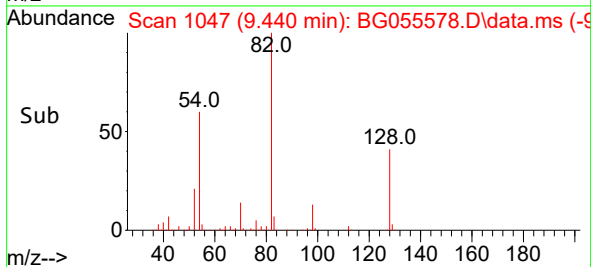
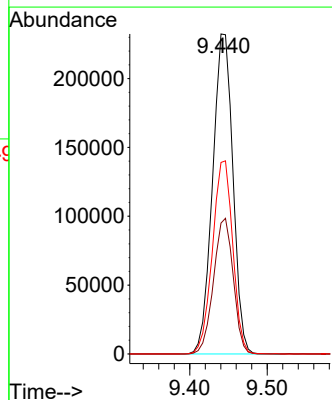
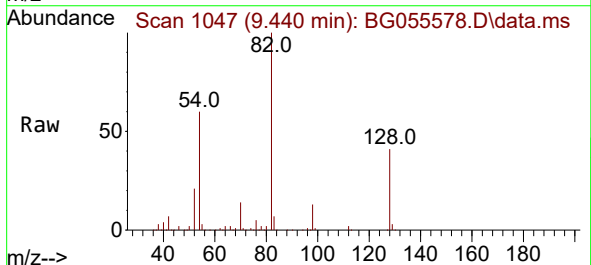
Instrument :
BNA_G
ClientSampleId :
R-21RE

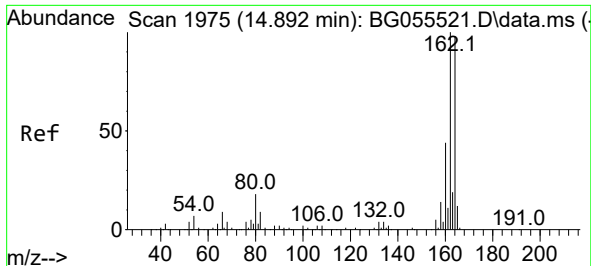
Tgt Ion:	136	Resp:	290437
Ion Ratio	Lower	Upper	
136	100		
137	11.4	8.6	12.8
54	9.5	8.6	12.8
68	5.7	4.6	6.8



#23
Nitrobenzene-d5
Concen: 98.975 ng
RT: 9.440 min Scan# 1047
Delta R.T. -0.005 min
Lab File: BG055578.D
Acq: 11 Nov 2022 23:01

Tgt Ion:	82	Resp:	424034
Ion Ratio	Lower	Upper	
82	100		
128	40.9	32.6	49.0
54	59.8	47.3	70.9

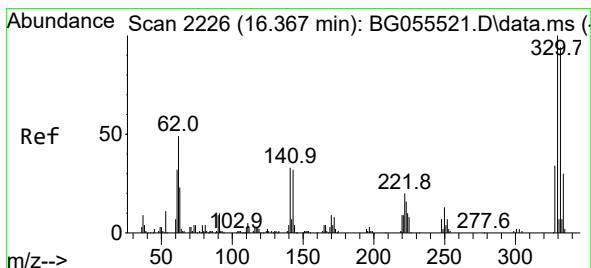
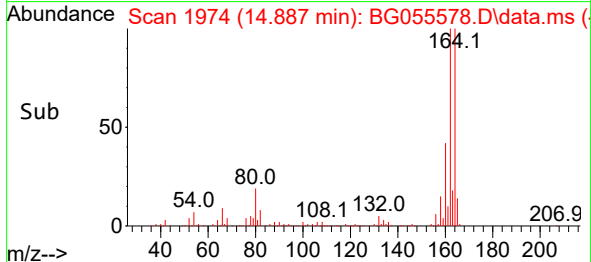
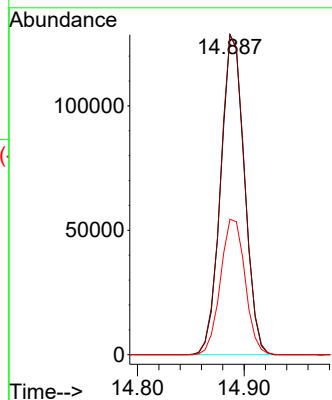
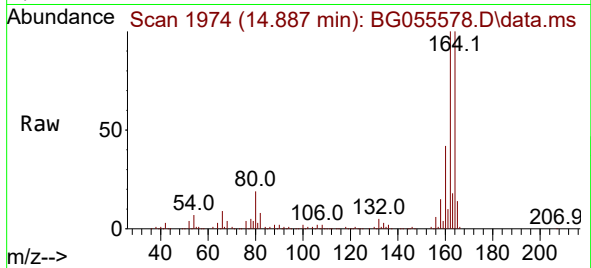




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.887 min Scan# 1974
Delta R.T. -0.005 min
Lab File: BG055578.D
Acq: 11 Nov 2022 23:01

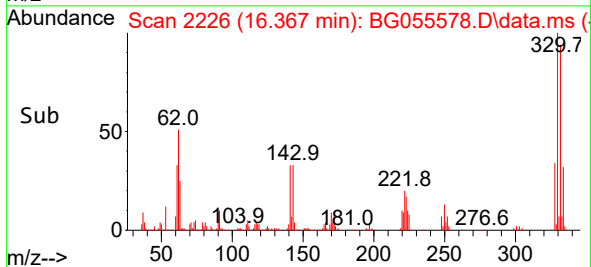
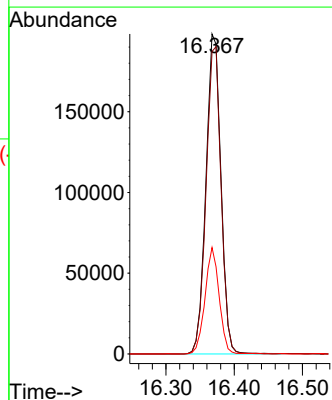
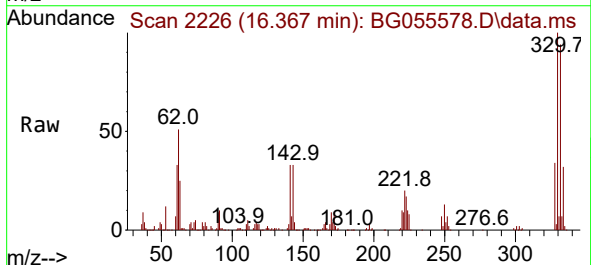
Instrument :
BNA_G
ClientSampleId :
R-21RE

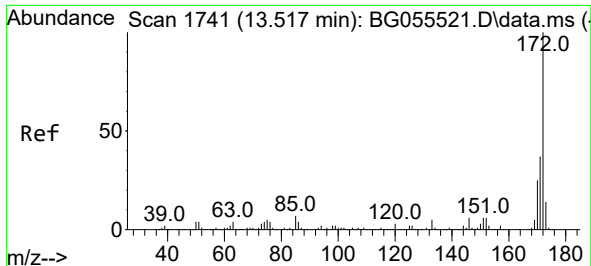
Tgt Ion:164 Resp: 198129
Ion Ratio Lower Upper
164 100
162 100.0 81.3 121.9
160 42.3 35.9 53.9



#42
2,4,6-Tribromophenol
Concen: 156.723 ng
RT: 16.367 min Scan# 2226
Delta R.T. 0.000 min
Lab File: BG055578.D
Acq: 11 Nov 2022 23:01

Tgt Ion:330 Resp: 302969
Ion Ratio Lower Upper
330 100
332 96.0 77.4 116.2
141 31.4 25.4 38.2

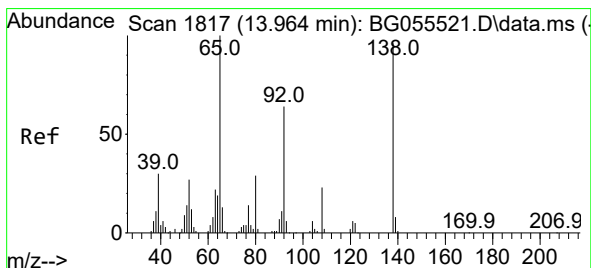
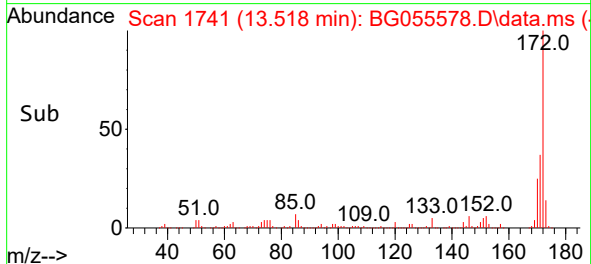
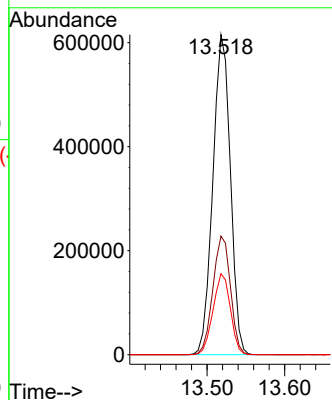
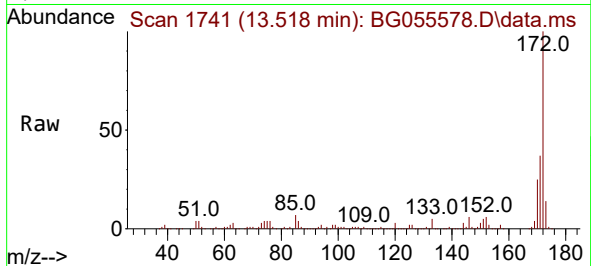




#45
2-Fluorobiphenyl
Concen: 73.687 ng
RT: 13.518 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG055578.D
Acq: 11 Nov 2022 23:01

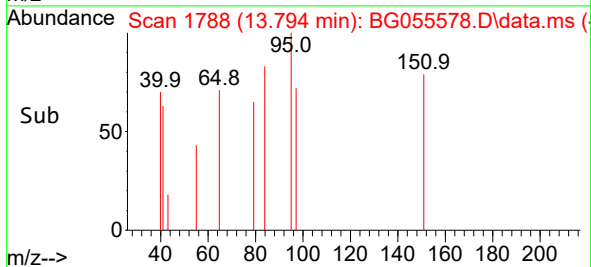
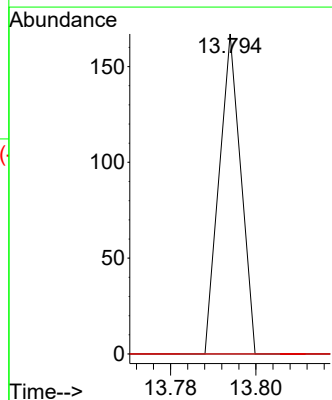
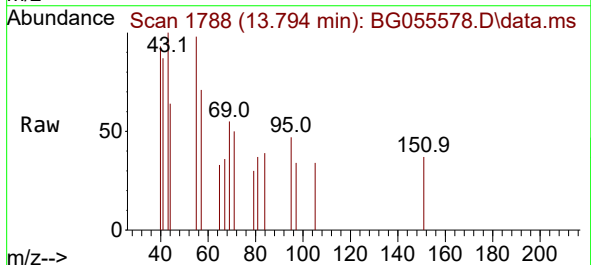
Instrument :
BNA_G
ClientSampleId :
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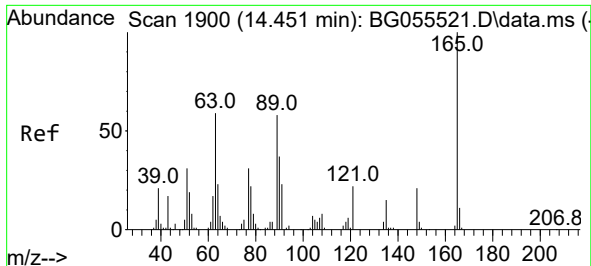
Tgt Ion:172 Resp: 967889
Ion Ratio Lower Upper
172 100
171 37.1 29.7 44.5
170 25.3 19.8 29.6



#48
2-Nitroaniline
Concen: 3.806 ng
RT: 13.794 min Scan# 1788
Delta R.T. -0.170 min
Lab File: BG055578.D
Acq: 11 Nov 2022 23:01

Tgt Ion: 65 Resp: 59
Ion Ratio Lower Upper
65 100
92 0.0 51.6 77.4#
138 0.0 77.0 115.4#

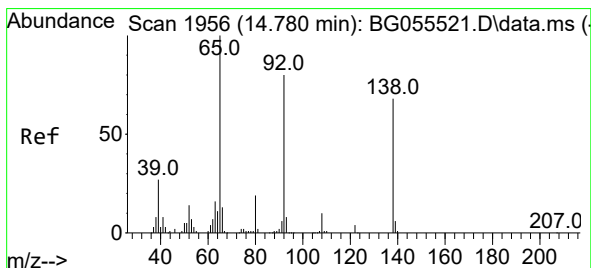
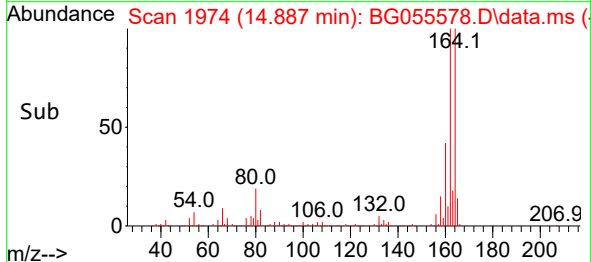
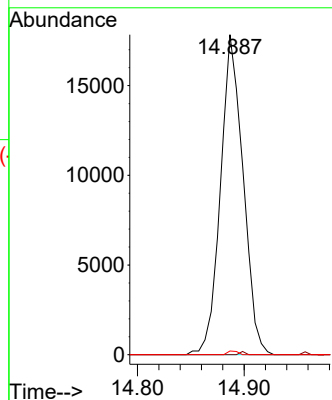
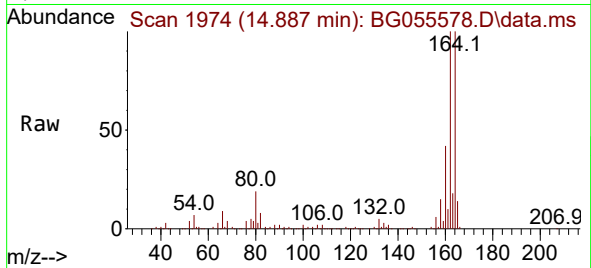




#51
2,6-Dinitrotoluene
Concen: 12.406 ng
RT: 14.887 min Scan# 1900
Delta R.T. 0.436 min
Lab File: BG055578.D
Acq: 11 Nov 2022 23:01

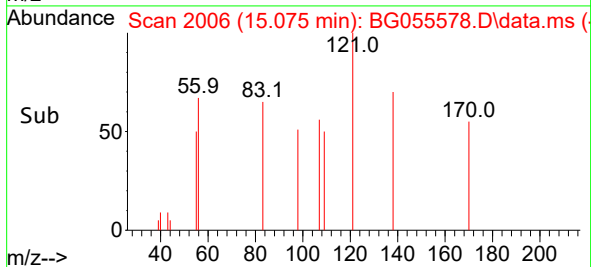
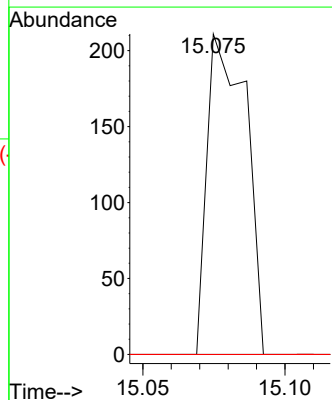
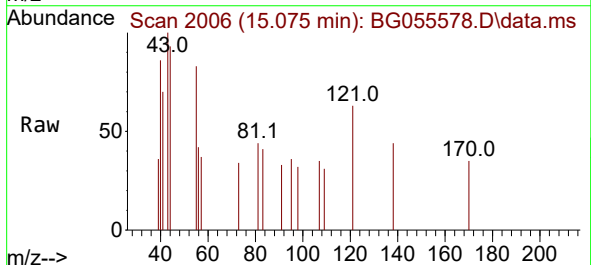
Instrument :
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ClientSampleId :
R-21RE

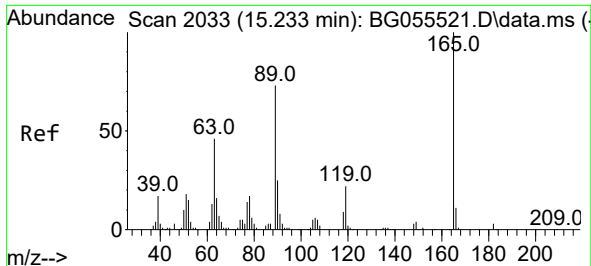
Tgt Ion:165 Resp: 26212
Ion Ratio Lower Upper
165 100
63 0.0 50.1 75.1#
89 1.2 46.5 69.7#



#53
3-Nitroaniline
Concen: 3.837 ng
RT: 15.075 min Scan# 2006
Delta R.T. 0.295 min
Lab File: BG055578.D
Acq: 11 Nov 2022 23:01

Tgt Ion:138 Resp: 200
Ion Ratio Lower Upper
138 100
108 0.0 11.7 17.5#
92 0.0 94.3 141.5#





#57

2,4-Dinitrotoluene

Concen: 10.555 ng

RT: 14.887 min Scan# 1974

Delta R.T. -0.346 min

Lab File: BG055578.D

Acq: 11 Nov 2022 23:01

Instrument :

BNA_G

ClientSampleId :

R-21RE

Tgt Ion:165 Resp: 26212

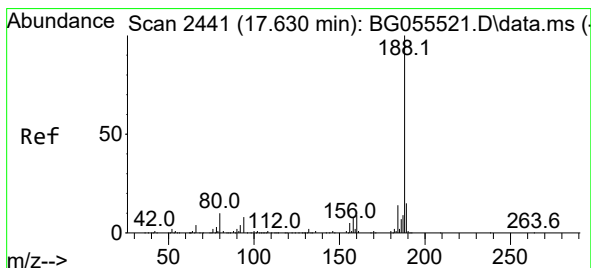
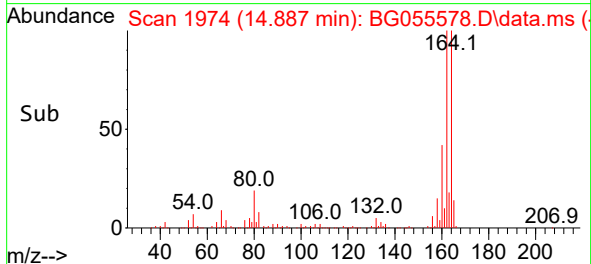
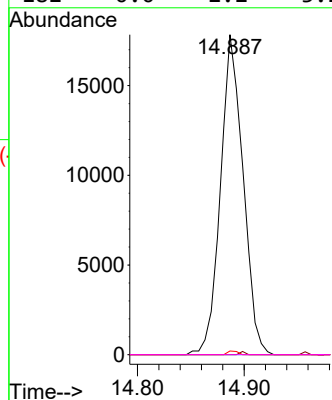
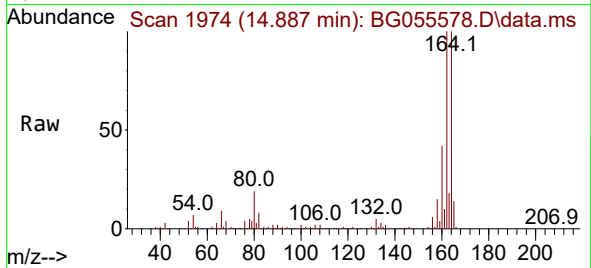
Ion Ratio Lower Upper

165 100

63 0.0 37.0 55.4#

89 1.2 58.6 87.8#

182 0.0 2.2 3.2#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.631 min Scan# 2441

Delta R.T. 0.001 min

Lab File: BG055578.D

Acq: 11 Nov 2022 23:01

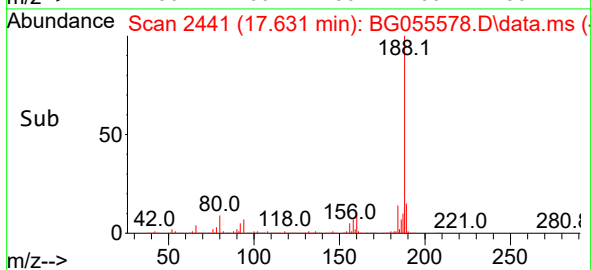
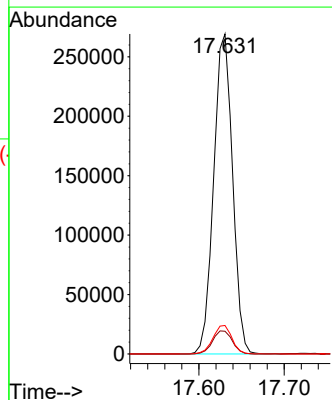
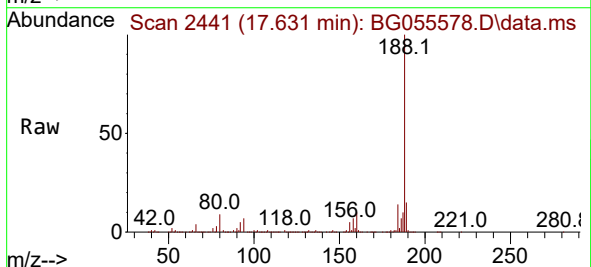
Tgt Ion:188 Resp: 413560

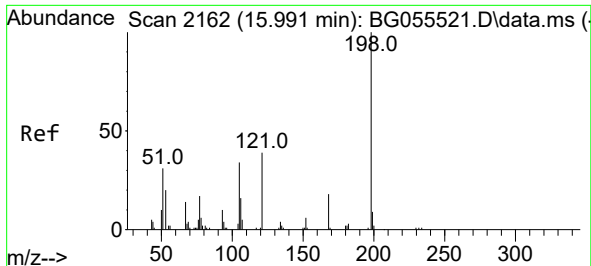
Ion Ratio Lower Upper

188 100

94 7.1 6.4 9.6

80 8.9 7.6 11.4

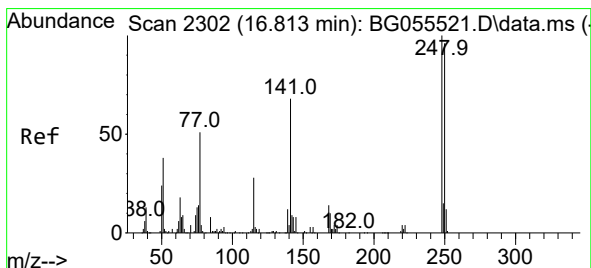
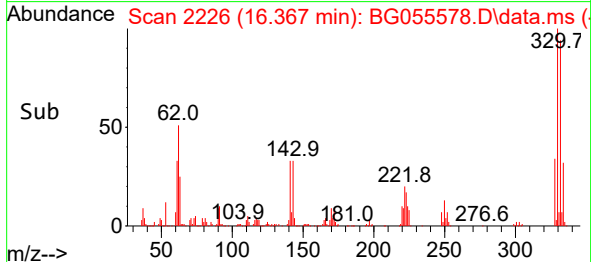
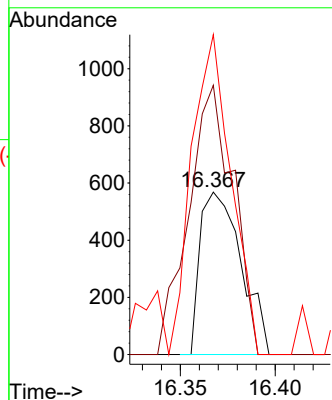
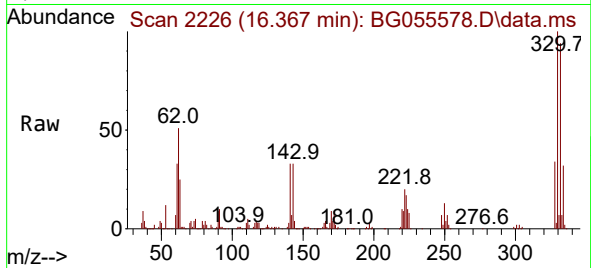




#65
4,6-Dinitro-2-methylphenol
Concen: 2.756 ng
RT: 16.367 min Scan# 2162
Delta R.T. 0.376 min
Lab File: BG055578.D
Acq: 11 Nov 2022 23:01

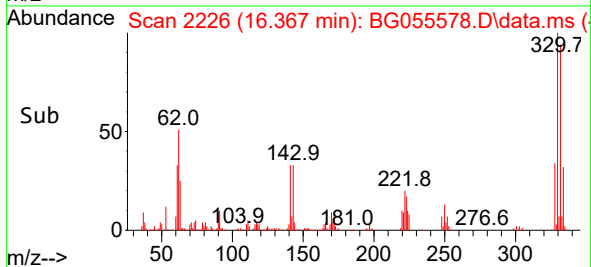
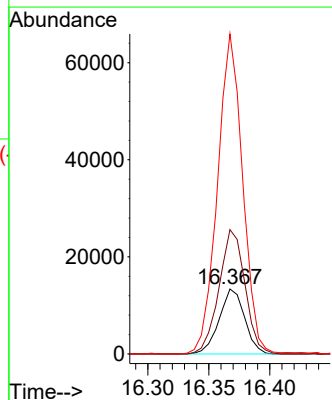
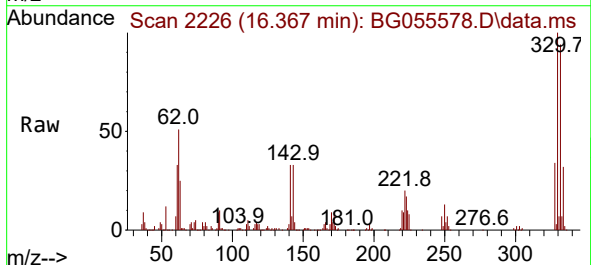
Instrument :
BNA_G
ClientSampleId :
R-21RE

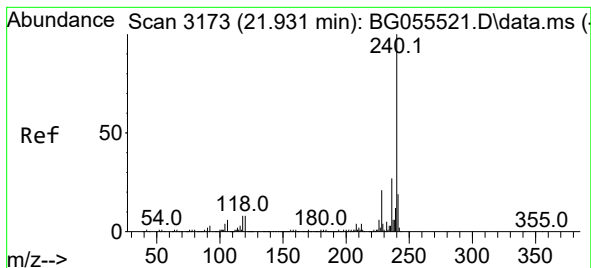
Tgt Ion:198 Resp: 859
Ion Ratio Lower Upper
198 100
51 30.1 24.7 64.7
105 35.7 17.6 57.6



#67
4-Bromophenyl-phenylether
Concen: 4.599 ng
RT: 16.367 min Scan# 2226
Delta R.T. -0.446 min
Lab File: BG055578.D
Acq: 11 Nov 2022 23:01

Tgt Ion:248 Resp: 19401
Ion Ratio Lower Upper
248 100
250 191.5 76.9 115.3#
141 492.7 54.3 81.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.926 min Scan# 31

Delta R.T. -0.005 min

Lab File: BG055578.D

Acq: 11 Nov 2022 23:01

Instrument :

BNA_G

ClientSampleId :

R-21RE

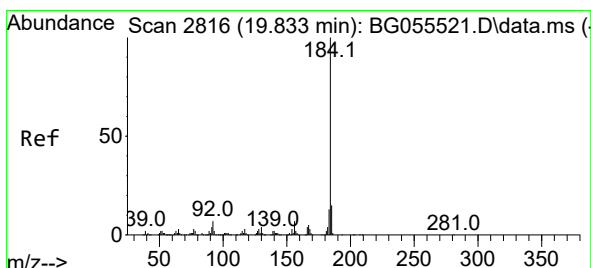
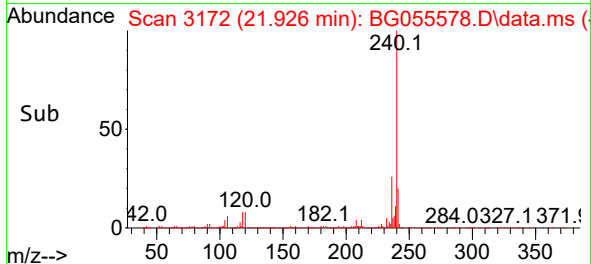
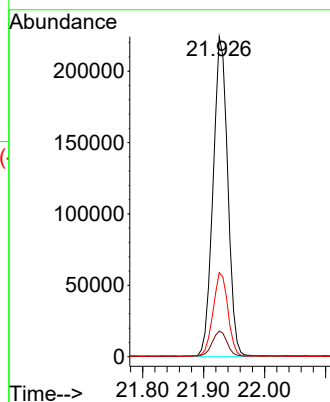
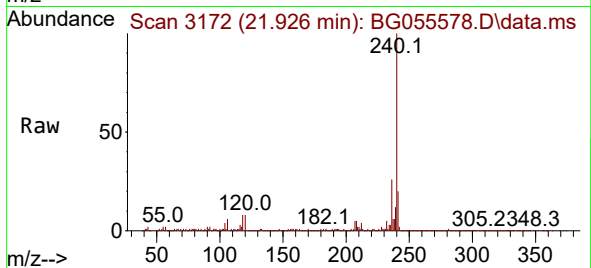
Tgt Ion:240 Resp: 375353

Ion Ratio Lower Upper

240 100

120 8.0 6.1 9.1

236 26.3 21.4 32.0



#77

Benzidine

Concen: 2.381 ng

RT: 20.216 min Scan# 2881

Delta R.T. 0.383 min

Lab File: BG055578.D

Acq: 11 Nov 2022 23:01

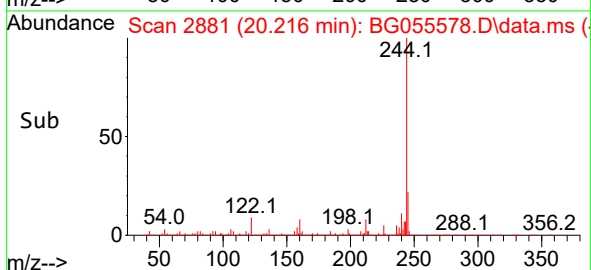
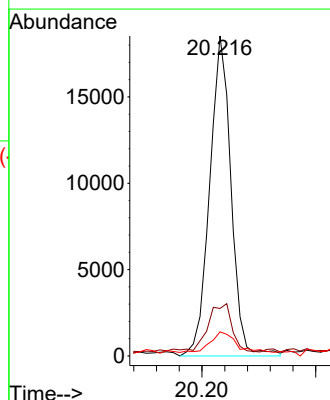
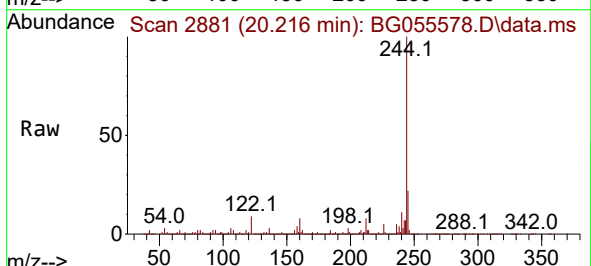
Tgt Ion:184 Resp: 24175

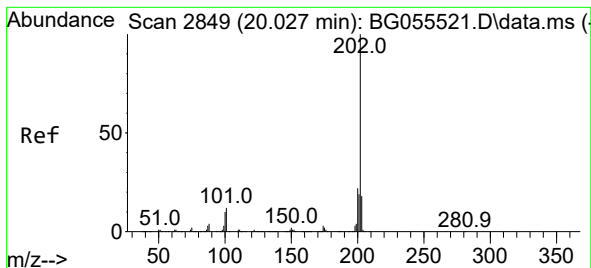
Ion Ratio Lower Upper

184 100

185 14.9 12.0 18.0

183 7.5 10.2 15.2#





#78

Pyrene

Concen: 2.031 ng

RT: 20.028 min Scan# 21

Delta R.T. 0.001 min

Lab File: BG055578.D

Acq: 11 Nov 2022 23:01

Instrument :

BNA_G

ClientSampleId :

R-21RE

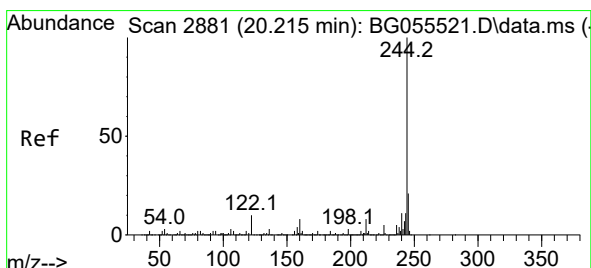
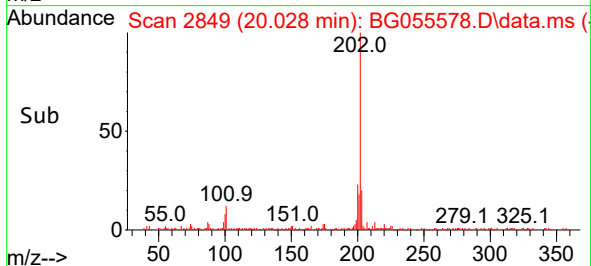
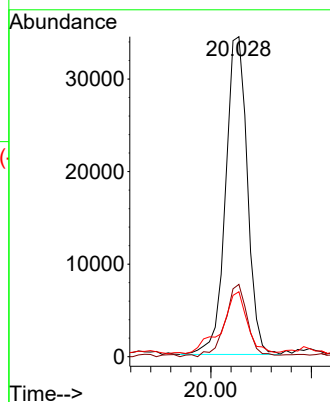
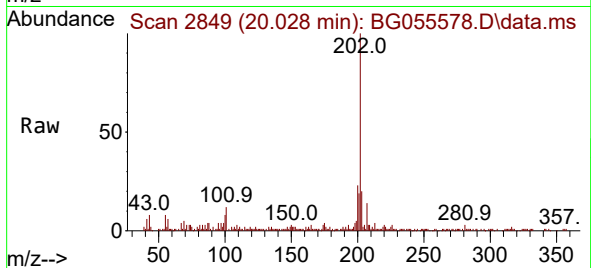
Tgt Ion:202 Resp: 51605

Ion Ratio Lower Upper

202 100

200 22.6 18.0 27.0

203 20.3 14.2 21.2



#79

Terphenyl-d14

Concen: 74.700 ng

RT: 20.216 min Scan# 2881

Delta R.T. 0.001 min

Lab File: BG055578.D

Acq: 11 Nov 2022 23:01

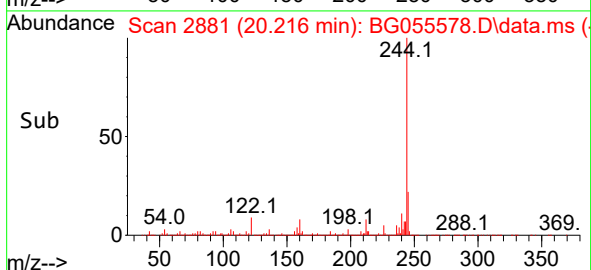
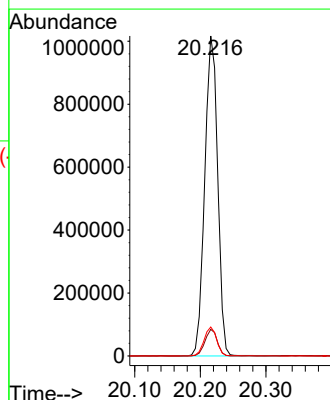
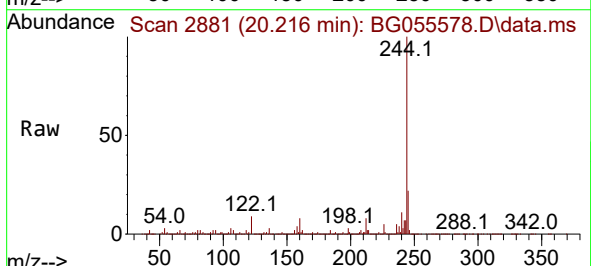
Tgt Ion:244 Resp: 1395963

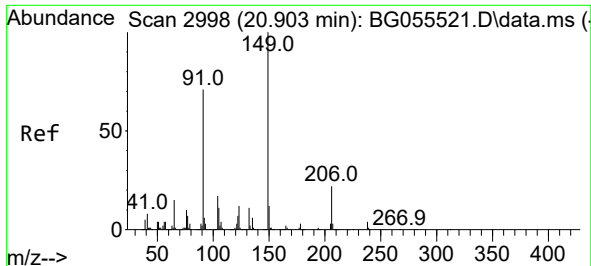
Ion Ratio Lower Upper

244 100

212 8.3 6.5 9.7

122 9.1 7.7 11.5

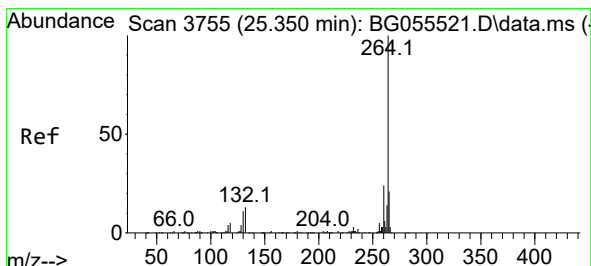
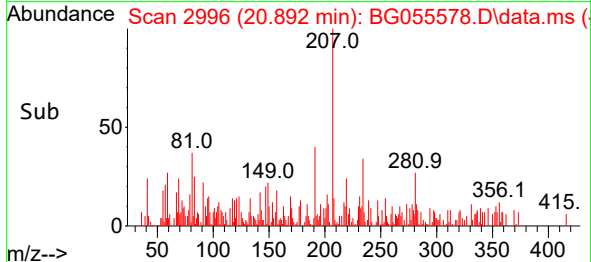
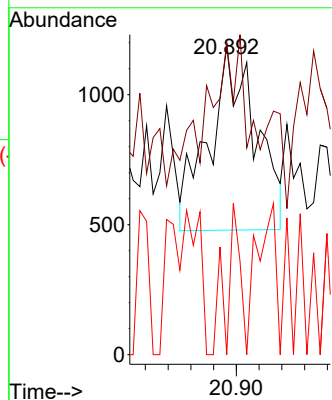
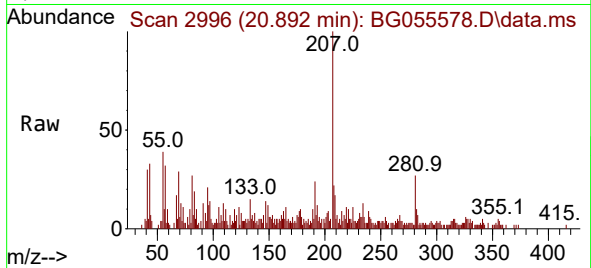




#80
Butylbenzylphthalate
Concen: 3.558 ng
RT: 20.892 min Scan# 2996
Delta R.T. -0.011 min
Lab File: BG055578.D
Acq: 11 Nov 2022 23:01

Instrument :
BNA_G
ClientSampleId :
R-21RE

Tgt Ion:149 Resp: 2019
Ion Ratio Lower Upper
149 100
91 101.1 56.8 85.2#
206 0.0 17.3 25.9#



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.357 min Scan# 3756
Delta R.T. 0.007 min
Lab File: BG055578.D
Acq: 11 Nov 2022 23:01

Tgt Ion:264 Resp: 401379
Ion Ratio Lower Upper
264 100
260 24.0 19.4 29.2
265 21.8 17.1 25.7

