

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111422\
 Data File : BG055612.D
 Acq On : 14 Nov 2022 20:07
 Operator : CG/JU
 Sample : N5554-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RT3249

Quant Time: Nov 15 01:05:28 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)

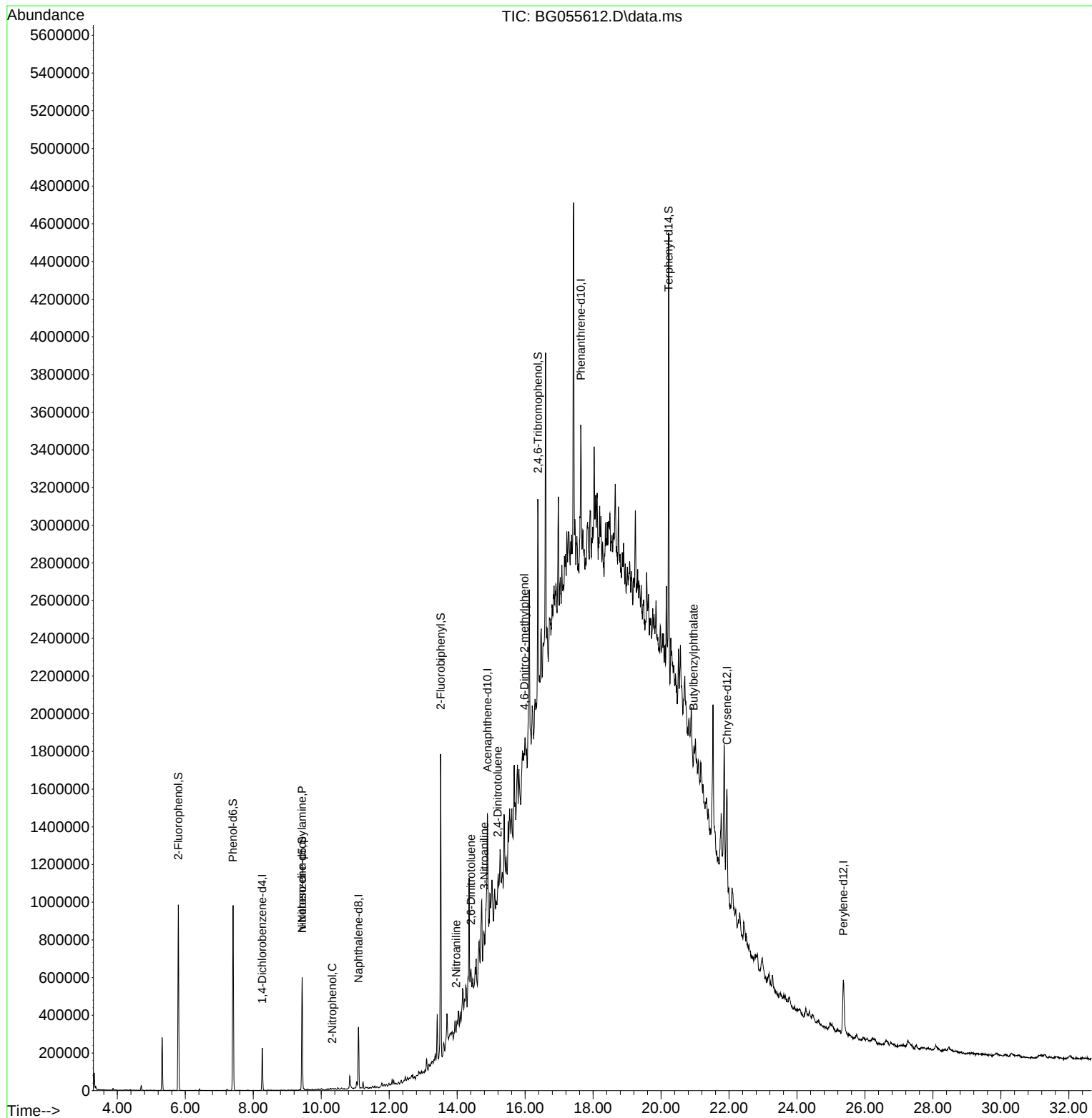
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.265	152	63195	20.000	ng	0.00
21) Naphthalene-d8	11.097	136	274685	20.000	ng	0.00
39) Acenaphthene-d10	14.893	164	166707	20.000	ng	0.00
64) Phenanthrene-d10	17.636	188	320447	20.000	ng	# 0.00
76) Chrysene-d12	21.937	240	330319	20.000	ng	# 0.00
86) Perylene-d12	25.363	264	357634	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.792	112	422166	127.243	ng	0.00
7) Phenol-d6	7.401	99	556095	121.339	ng	0.00
23) Nitrobenzene-d5	9.434	82	364508	89.960	ng	-0.01
42) 2,4,6-Tribromophenol	16.379	330	246711	151.676	ng	0.01
45) 2-Fluorobiphenyl	13.512	172	833851	75.448	ng	0.00
79) Terphenyl-d14	20.222	244	1136556	69.110	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.434	70	50685	13.382	ng	# 79
26) 2-Nitrophenol	10.321	139	57	3.509	ng	# 35
48) 2-Nitroaniline	13.970	65	467	3.964	ng	# 62
51) 2,6-Dinitrotoluene	14.405	165	8598	6.760	ng	# 33
53) 3-Nitroaniline	14.799	138	3049	4.827	ng	# 43
57) 2,4-Dinitrotoluene	15.192	165	1634	4.137	ng	# 39
65) 4,6-Dinitro-2-methylph...	15.980	198	1448	3.768	ng	# 1
80) Butylbenzylphthalate	20.956	149	919	3.465	ng	# 15

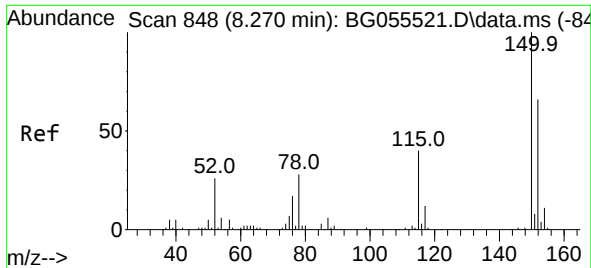
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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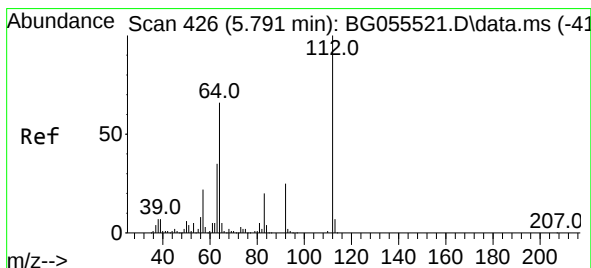
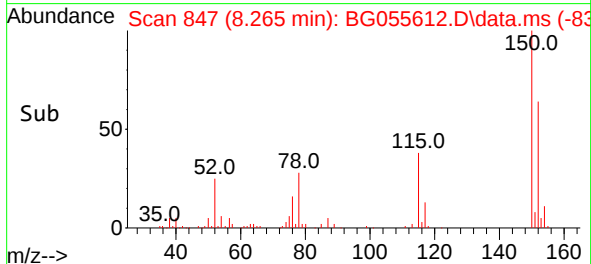
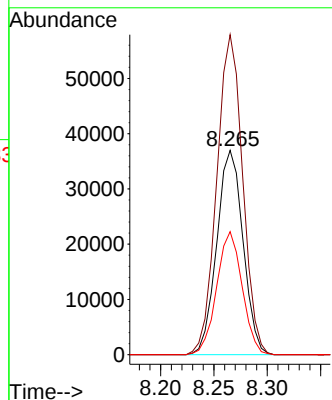
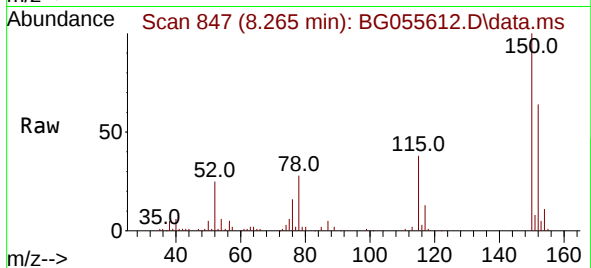




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.265 min Scan# 84
Delta R.T. -0.005 min
Lab File: BG055612.D
Acq: 14 Nov 2022 20:07

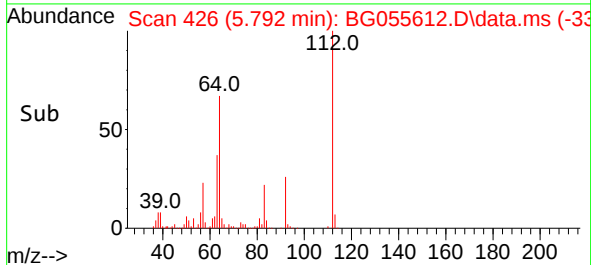
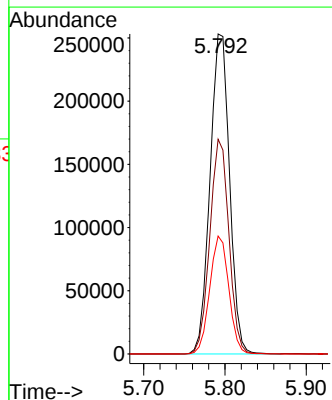
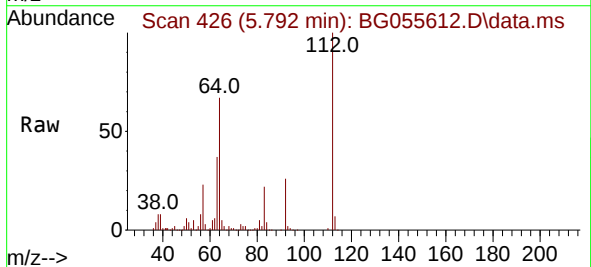
Instrument :
BNA_G
ClientSampleId :
RT3249

Tgt Ion:152 Resp: 63195
Ion Ratio Lower Upper
152 100
150 156.6 121.0 181.4
115 60.3 47.8 71.8



#5
2-Fluorophenol
Concen: 127.243 ng
RT: 5.792 min Scan# 426
Delta R.T. 0.000 min
Lab File: BG055612.D
Acq: 14 Nov 2022 20:07

Tgt Ion:112 Resp: 422166
Ion Ratio Lower Upper
112 100
64 67.1 52.6 78.8
63 36.9 28.3 42.5

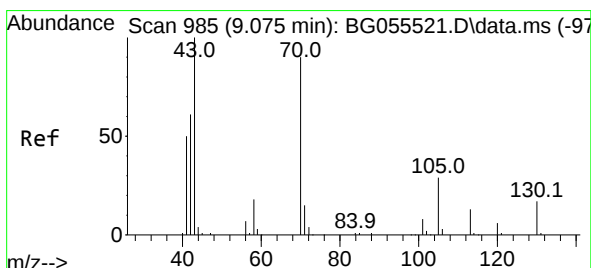
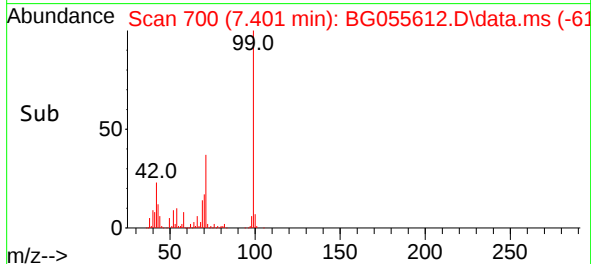
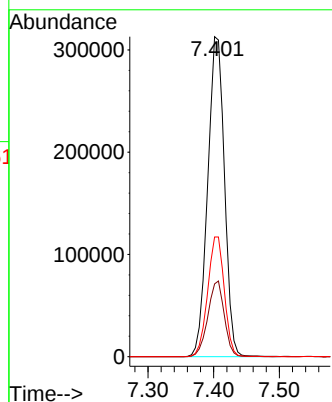
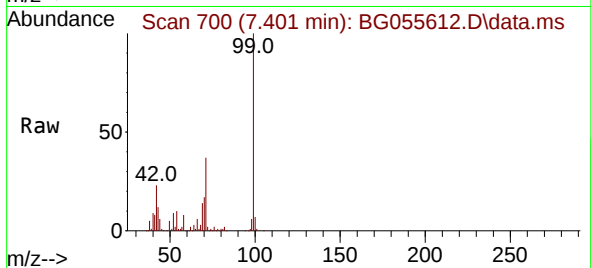




#7
Phenol-d6
Concen: 121.339 ng
RT: 7.401 min Scan# 70
Delta R.T. 0.000 min
Lab File: BG055612.D
Acq: 14 Nov 2022 20:07

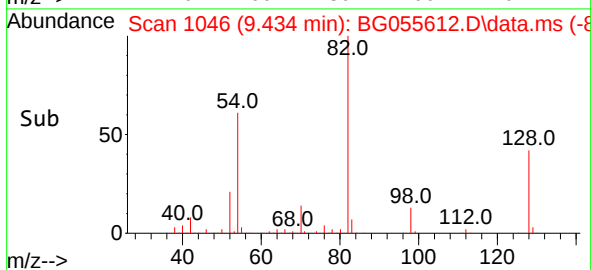
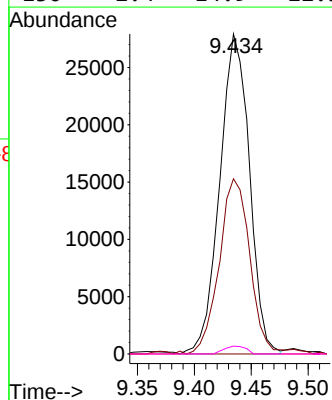
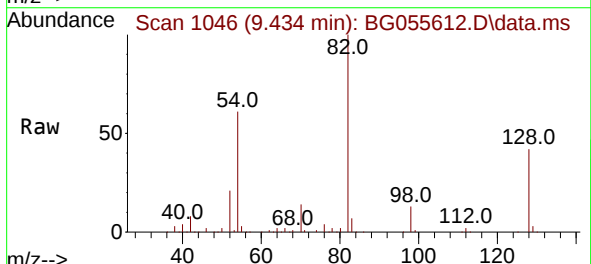
Instrument :
BNA_G
ClientSampleId :
RT3249

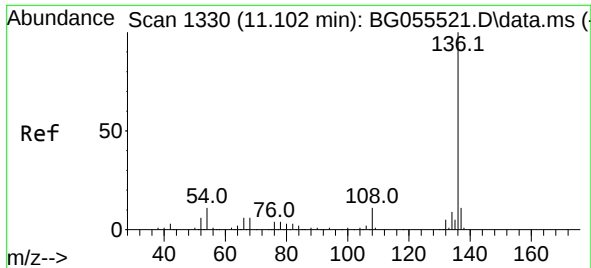
Tgt Ion: 99 Resp: 556095
Ion Ratio Lower Upper
99 100
42 22.8 17.5 26.3
71 37.4 28.3 42.5



#19
n-Nitroso-di-n-propylamine
Concen: 13.382 ng
RT: 9.434 min Scan# 1046
Delta R.T. 0.359 min
Lab File: BG055612.D
Acq: 14 Nov 2022 20:07

Tgt Ion: 70 Resp: 50685
Ion Ratio Lower Upper
70 100
42 54.7 54.8 82.2#
101 0.0 6.8 10.2#
130 2.4 14.9 22.3#

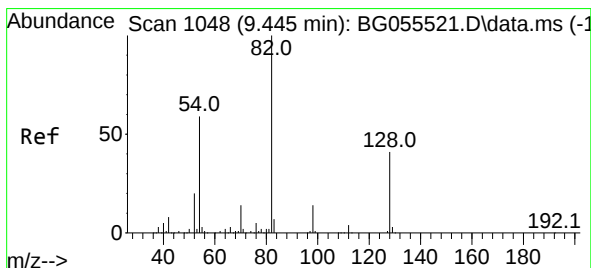
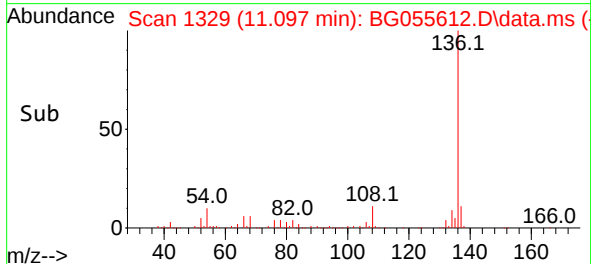
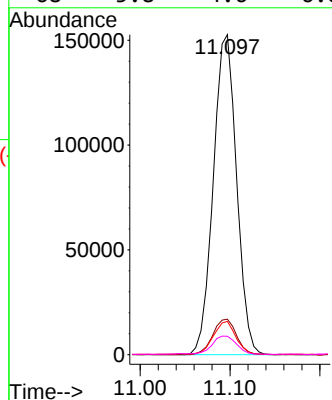
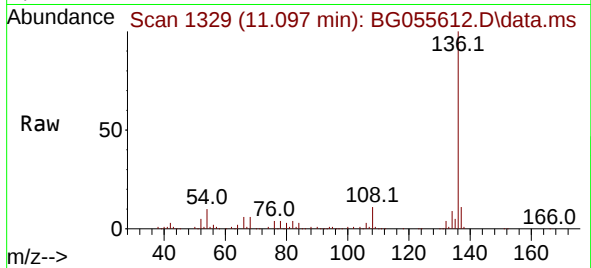




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.097 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG055612.D
Acq: 14 Nov 2022 20:07

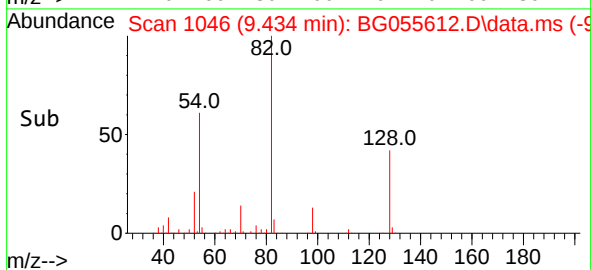
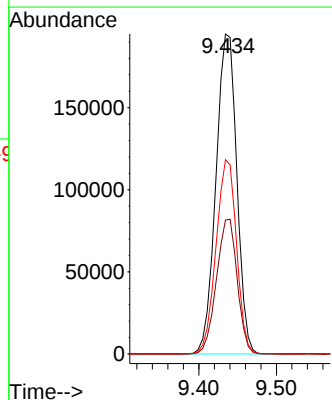
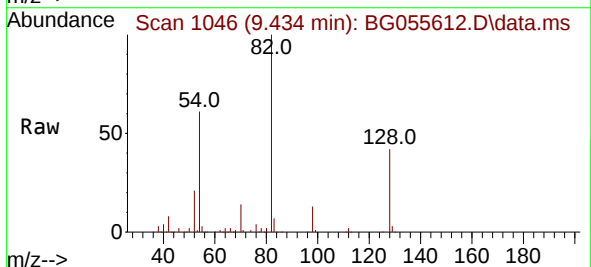
Instrument :
BNA_G
ClientSampleId :
RT3249

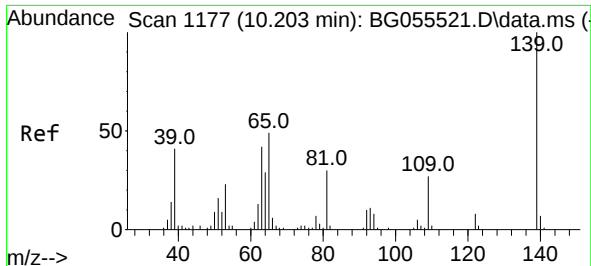
Tgt Ion:136 Resp: 274685
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 10.4 8.6 12.8
68 5.8 4.6 6.8



#23
Nitrobenzene-d5
Concen: 89.960 ng
RT: 9.434 min Scan# 1046
Delta R.T. -0.011 min
Lab File: BG055612.D
Acq: 14 Nov 2022 20:07

Tgt Ion: 82 Resp: 364508
Ion Ratio Lower Upper
82 100
128 41.9 32.6 49.0
54 60.7 47.3 70.9

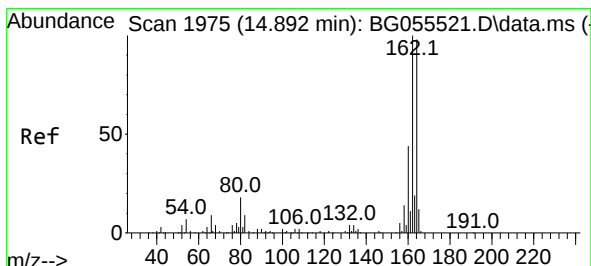
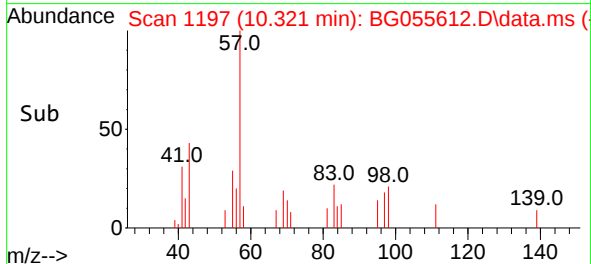
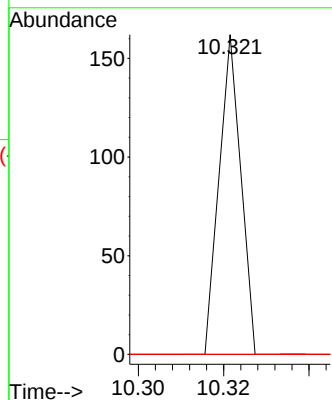
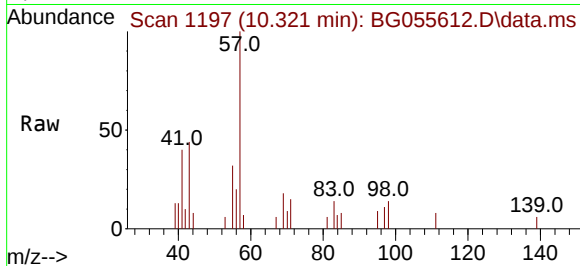




#26
2-Nitrophenol
Concen: 3.509 ng
RT: 10.321 min Scan# 1177
Delta R.T. 0.118 min
Lab File: BG055612.D
Acq: 14 Nov 2022 20:07

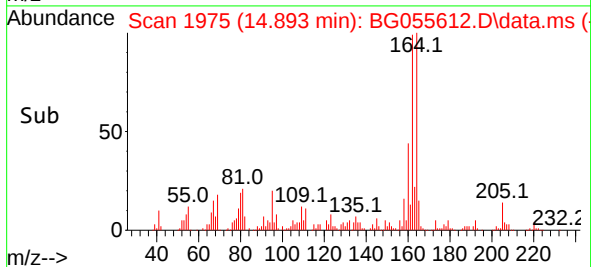
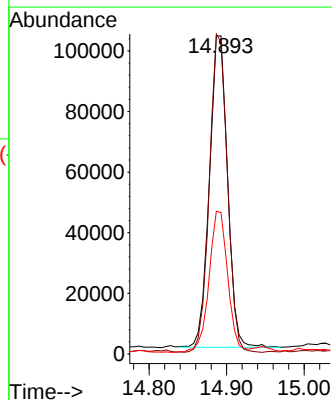
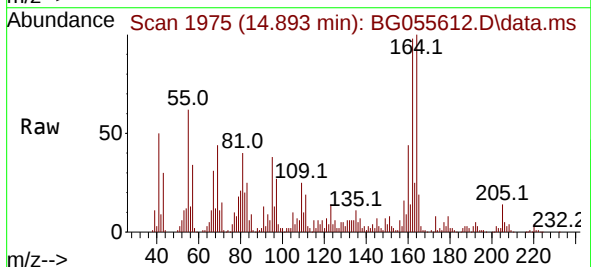
Instrument :
BNA_G
ClientSampleId :
RT3249

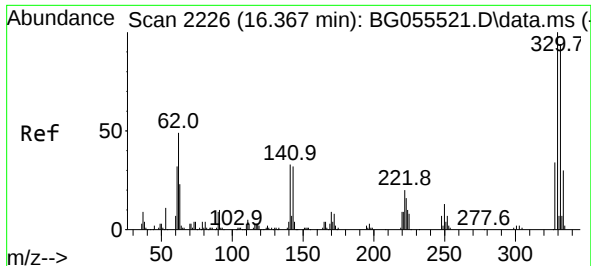
Tgt Ion:139 Resp: 57
Ion Ratio Lower Upper
139 100
109 0.0 21.5 32.3#
65 0.0 39.6 59.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.893 min Scan# 1975
Delta R.T. 0.001 min
Lab File: BG055612.D
Acq: 14 Nov 2022 20:07

Tgt Ion:164 Resp: 166707
Ion Ratio Lower Upper
164 100
162 98.0 81.3 121.9
160 44.5 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 151.676 ng

RT: 16.379 min Scan# 21

Delta R.T. 0.012 min

Lab File: BG055612.D

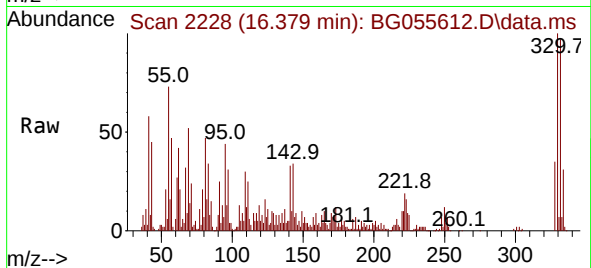
Acq: 14 Nov 2022 20:07

Instrument :

BNA_G

ClientSampleId :

RT3249



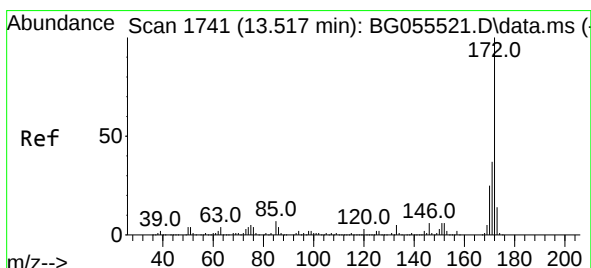
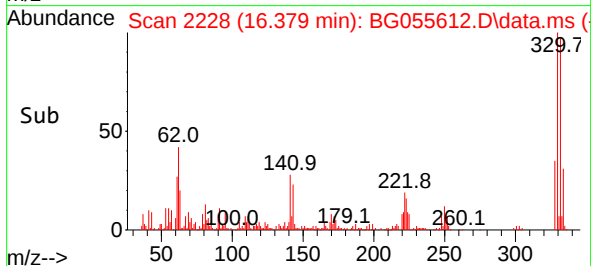
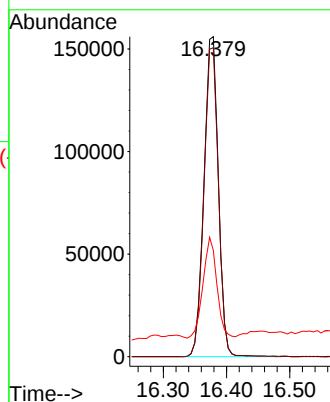
Tgt Ion:330 Resp: 246711

Ion Ratio Lower Upper

330 100

332 97.0 77.4 116.2

141 30.3 25.4 38.2



#45

2-Fluorobiphenyl

Concen: 75.448 ng

RT: 13.512 min Scan# 1740

Delta R.T. -0.005 min

Lab File: BG055612.D

Acq: 14 Nov 2022 20:07

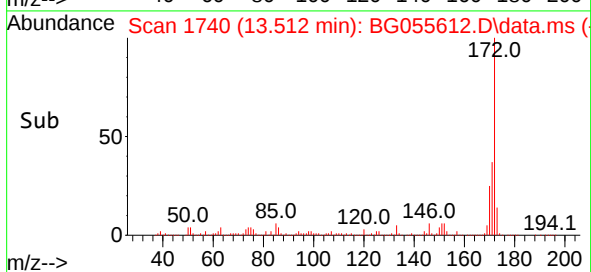
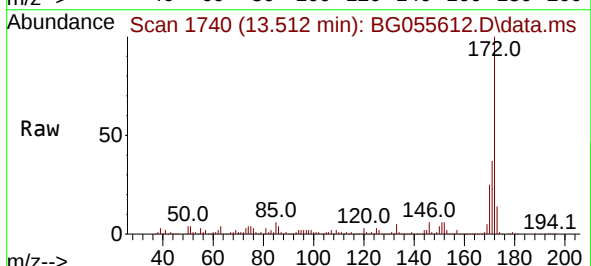
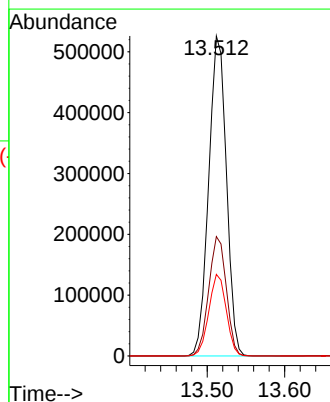
Tgt Ion:172 Resp: 833851

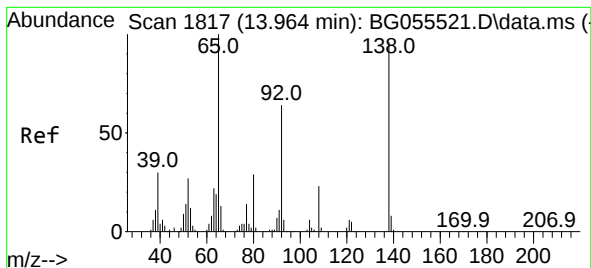
Ion Ratio Lower Upper

172 100

171 37.3 29.7 44.5

170 25.5 19.8 29.6





#48

2-Nitroaniline

Concen: 3.964 ng

RT: 13.970 min Scan# 1817

Delta R.T. 0.006 min

Lab File: BG055612.D

Acq: 14 Nov 2022 20:07

Instrument :

BNA_G

ClientSampleId :

RT3249

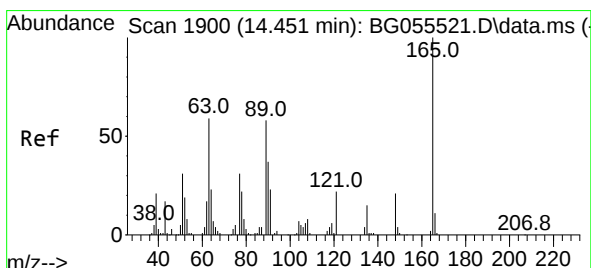
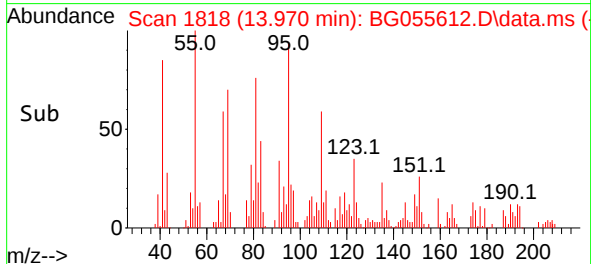
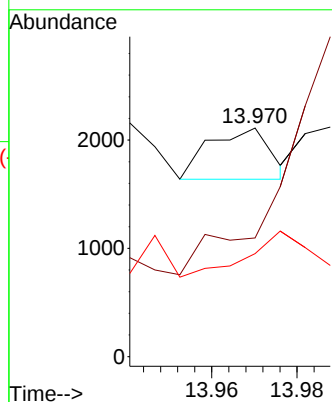
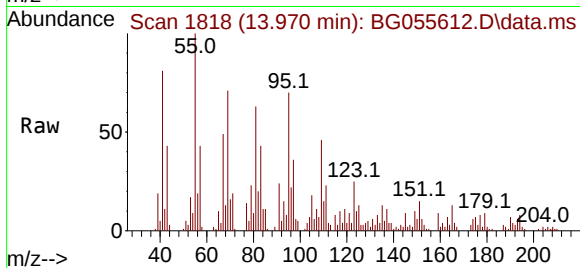
Tgt Ion: 65 Resp: 467

Ion Ratio Lower Upper

65 100

92 51.9 51.6 77.4

138 45.1 77.0 115.4#



#51

2,6-Dinitrotoluene

Concen: 6.760 ng

RT: 14.405 min Scan# 1892

Delta R.T. -0.046 min

Lab File: BG055612.D

Acq: 14 Nov 2022 20:07

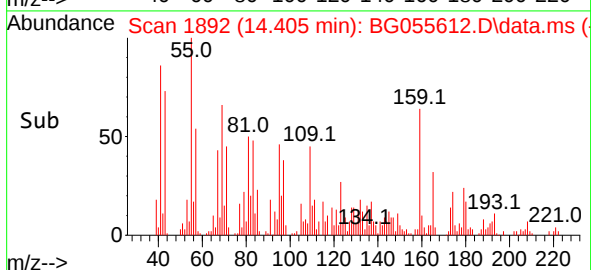
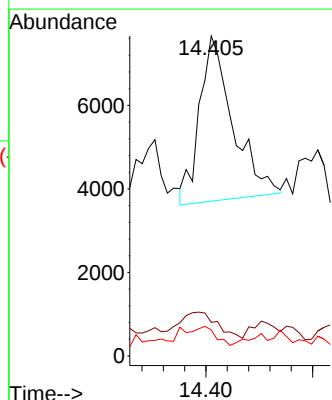
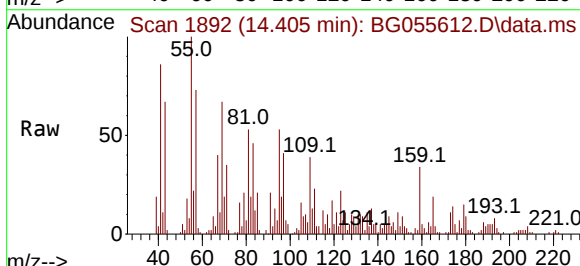
Tgt Ion: 165 Resp: 8598

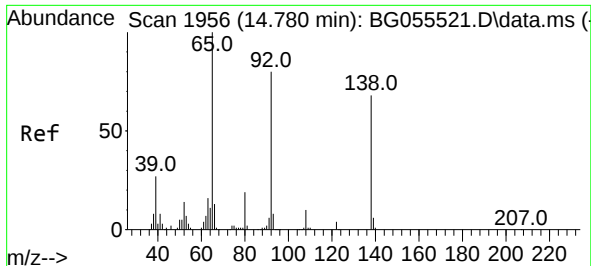
Ion Ratio Lower Upper

165 100

63 10.5 50.1 75.1#

89 8.1 46.5 69.7#

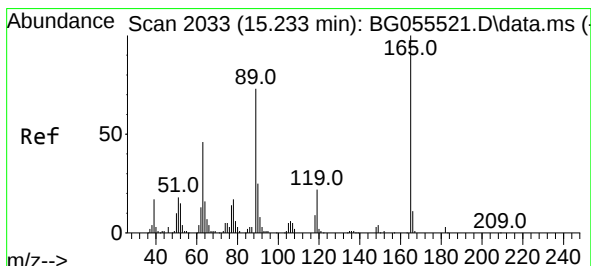
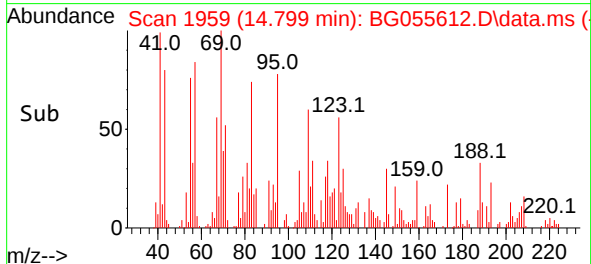
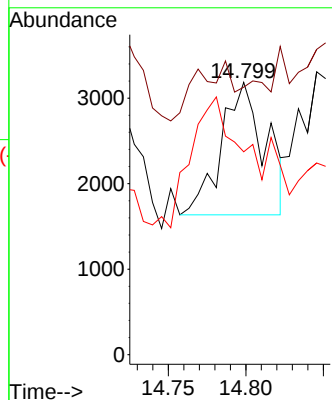
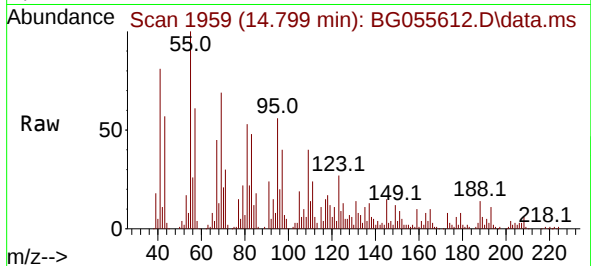




#53
3-Nitroaniline
Concen: 4.827 ng
RT: 14.799 min Scan# 1956
Delta R.T. 0.019 min
Lab File: BG055612.D
Acq: 14 Nov 2022 20:07

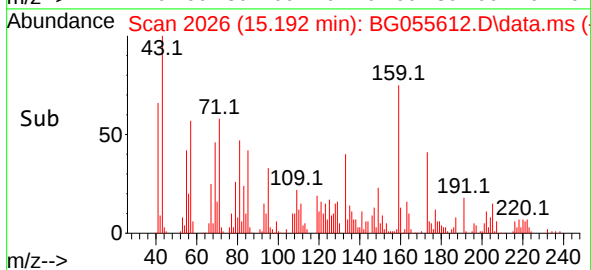
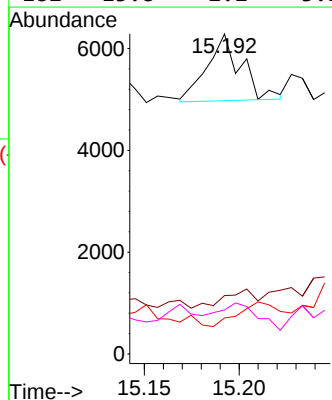
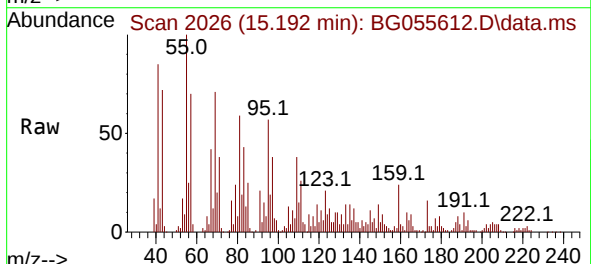
Instrument :
BNA_G
ClientSampleId :
RT3249

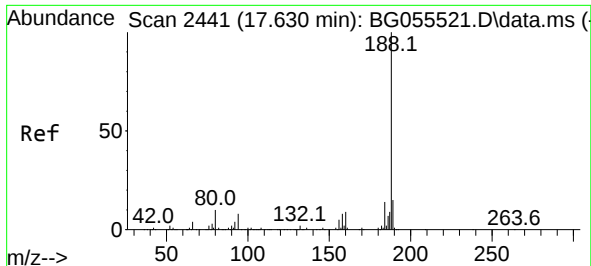
Tgt Ion:138 Resp: 3049
Ion Ratio Lower Upper
138 100
108 98.2 11.7 17.5#
92 74.5 94.3 141.5#



#57
2,4-Dinitrotoluene
Concen: 4.137 ng
RT: 15.192 min Scan# 2026
Delta R.T. -0.041 min
Lab File: BG055612.D
Acq: 14 Nov 2022 20:07

Tgt Ion:165 Resp: 1634
Ion Ratio Lower Upper
165 100
63 18.2 37.0 55.4#
89 11.2 58.6 87.8#
182 13.8 2.2 3.2#

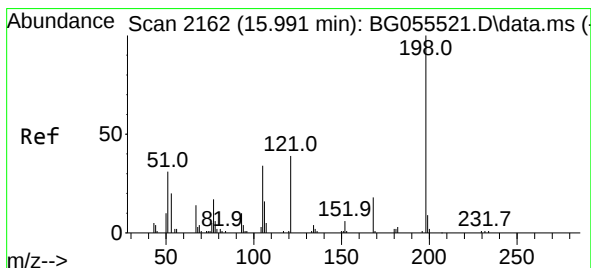
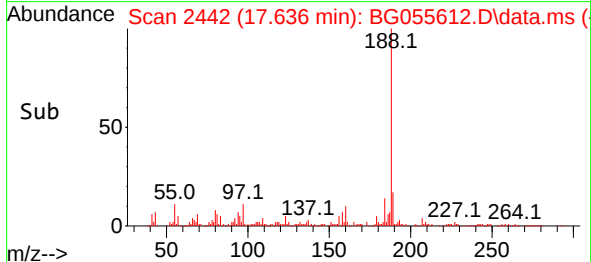
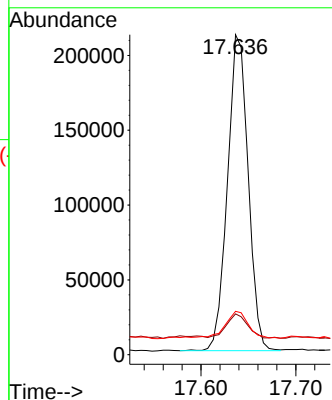
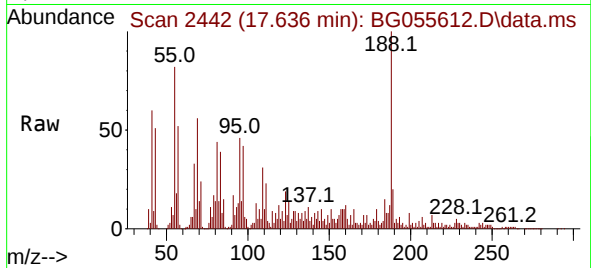




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.636 min Scan# 2441
Delta R.T. 0.006 min
Lab File: BG055612.D
Acq: 14 Nov 2022 20:07

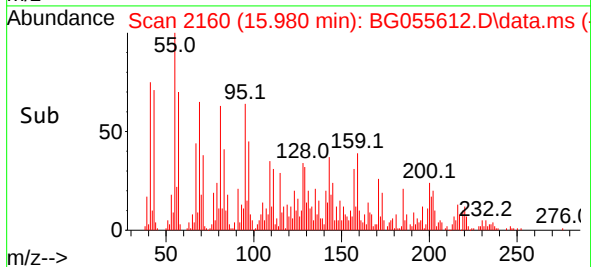
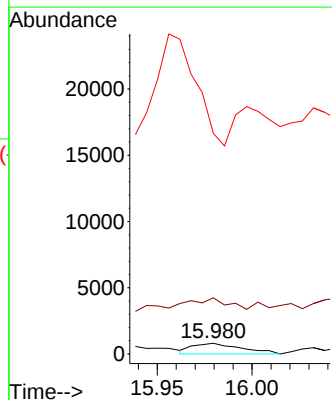
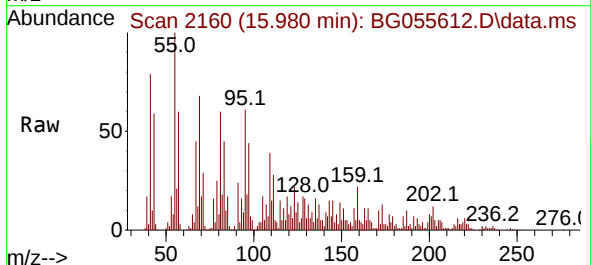
Instrument :
BNA_G
ClientSampleId :
RT3249

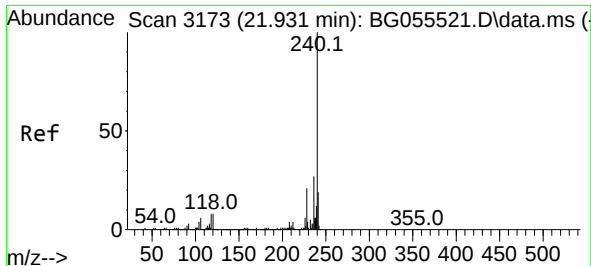
Tgt Ion:188 Resp: 320447
Ion Ratio Lower Upper
188 100
94 12.7 6.4 9.6#
80 13.6 7.6 11.4#



#65
4,6-Dinitro-2-methylphenol
Concen: 3.768 ng
RT: 15.980 min Scan# 2160
Delta R.T. -0.011 min
Lab File: BG055612.D
Acq: 14 Nov 2022 20:07

Tgt Ion:198 Resp: 1448
Ion Ratio Lower Upper
198 100
51 527.4 24.7 64.7#
105 2072.6 17.6 57.6#

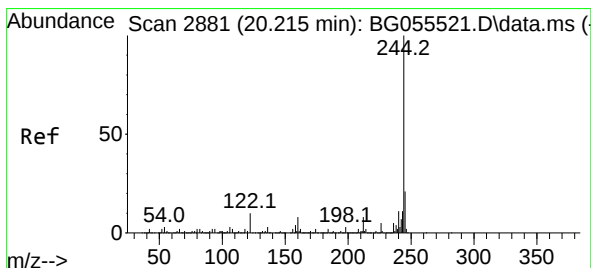
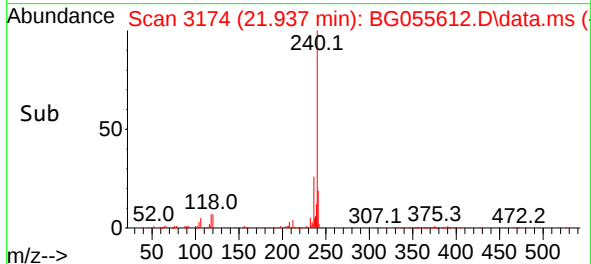
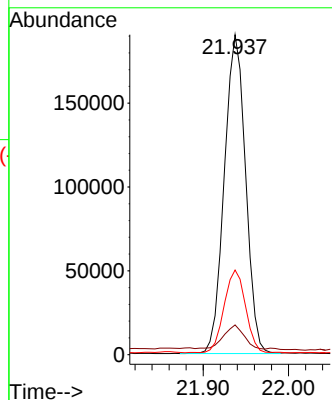
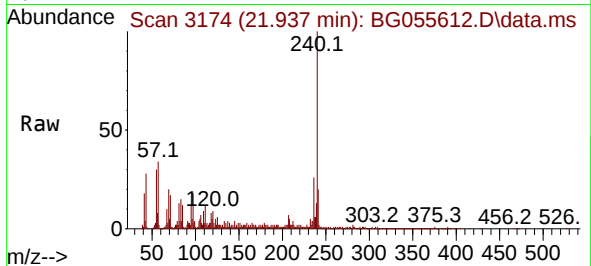




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.937 min Scan# 3173
Delta R.T. 0.006 min
Lab File: BG055612.D
Acq: 14 Nov 2022 20:07

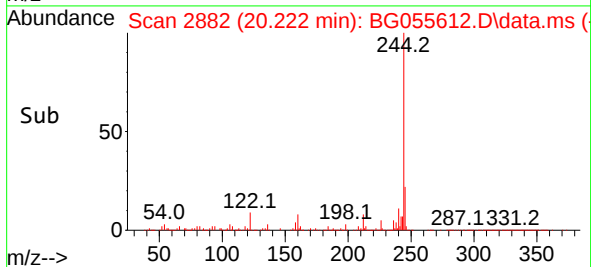
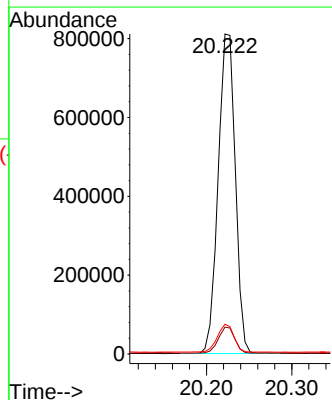
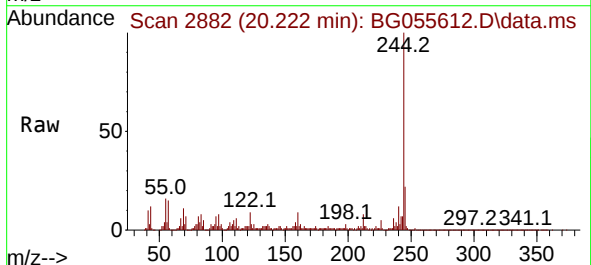
Instrument :
BNA_G
ClientSampleId :
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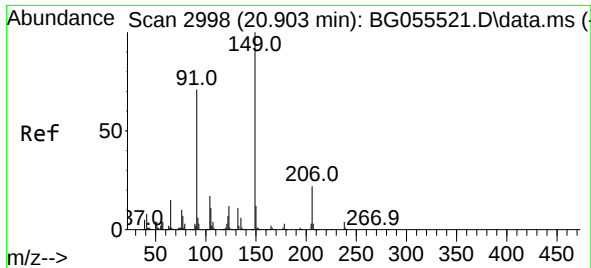
Tgt Ion:240 Resp: 330319
Ion Ratio Lower Upper
240 100
120 9.3 6.1 9.1#
236 26.4 21.4 32.0



#79
Terphenyl-d14
Concen: 69.110 ng
RT: 20.222 min Scan# 2882
Delta R.T. 0.007 min
Lab File: BG055612.D
Acq: 14 Nov 2022 20:07

Tgt Ion:244 Resp: 1136556
Ion Ratio Lower Upper
244 100
212 8.4 6.5 9.7
122 9.3 7.7 11.5

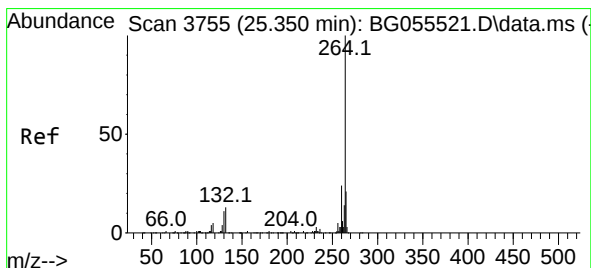
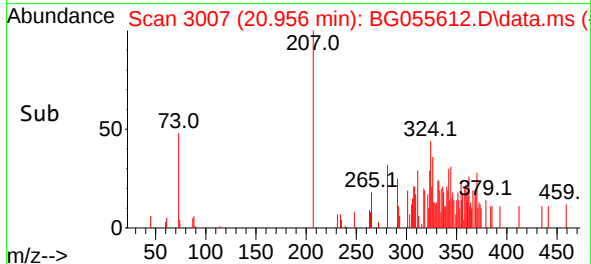
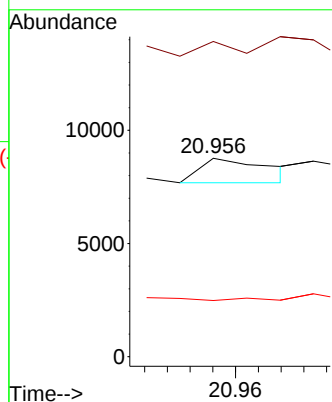
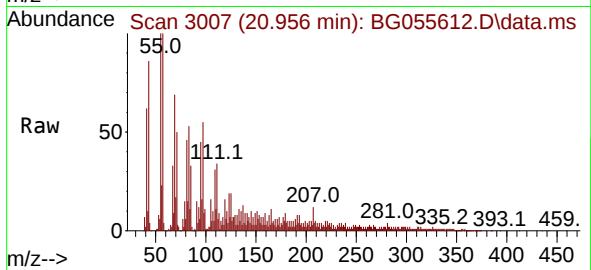




#80
Butylbenzylphthalate
Concen: 3.465 ng
RT: 20.956 min Scan# 30
Delta R.T. 0.053 min
Lab File: BG055612.D
Acq: 14 Nov 2022 20:07

Instrument :
BNA_G
ClientSampleId :
RT3249

Tgt Ion:149 Resp: 919
Ion Ratio Lower Upper
149 100
91 158.9 56.8 85.2#
206 28.3 17.3 25.9#



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.363 min Scan# 3757
Delta R.T. 0.013 min
Lab File: BG055612.D
Acq: 14 Nov 2022 20:07

Tgt Ion:264 Resp: 357634
Ion Ratio Lower Upper
264 100
260 23.9 19.4 29.2
265 21.9 17.1 25.7

