

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111122\
 Data File : BG055574.D
 Acq On : 11 Nov 2022 20:09
 Operator : CG/JU
 Sample : N5531-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-08

Quant Time: Nov 12 00:54:26 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)

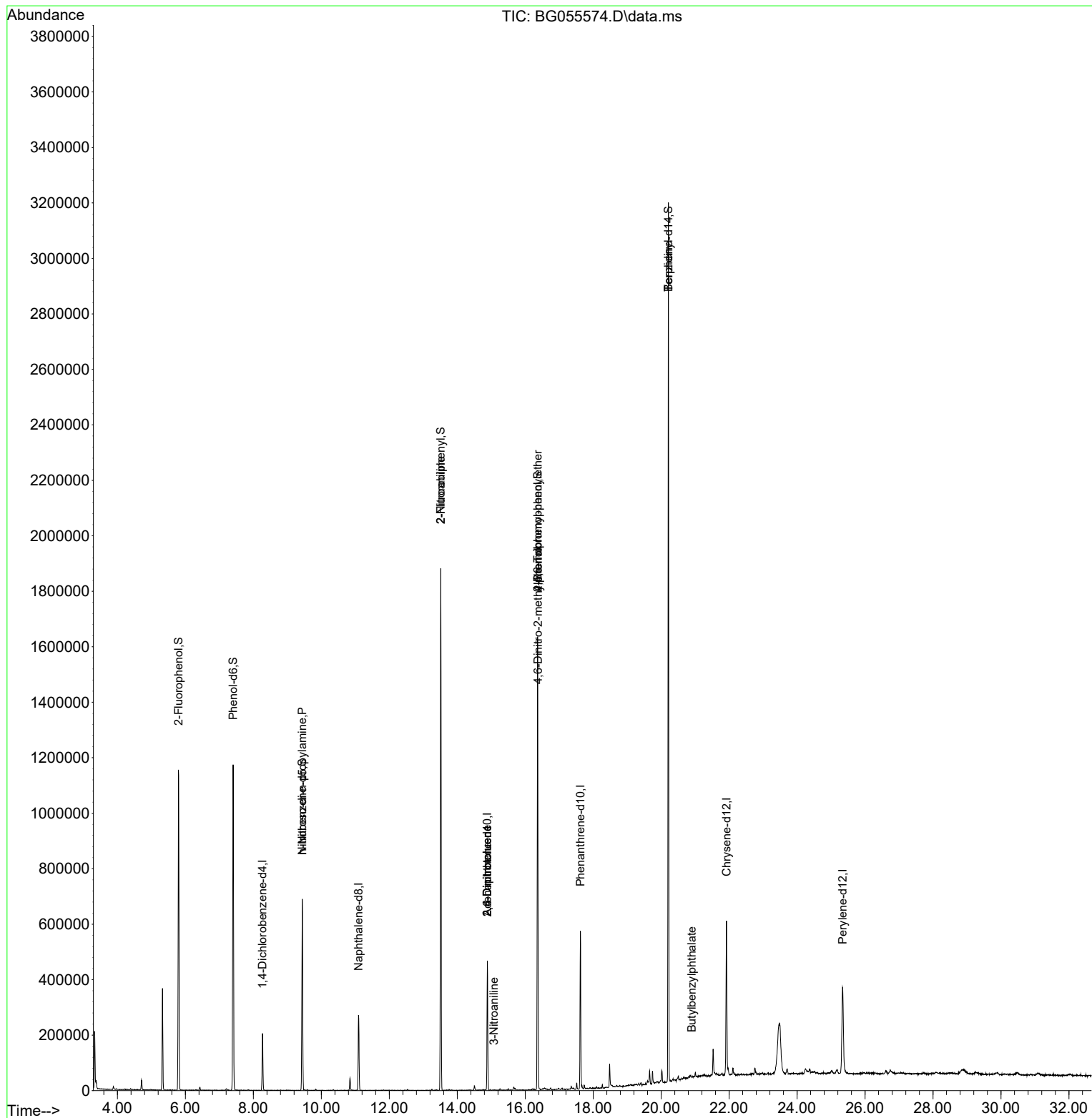
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.270	152	57592	20.000	ng	0.00
21) Naphthalene-d8	11.096	136	233208	20.000	ng	0.00
39) Acenaphthene-d10	14.886	164	161179	20.000	ng	0.00
64) Phenanthrene-d10	17.624	188	370262	20.000	ng	0.00
76) Chrysene-d12	21.925	240	348817	20.000	ng	0.00
86) Perylene-d12	25.344	264	361755	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.796	112	489859	162.010	ng	0.00
7) Phenol-d6	7.406	99	647008	154.911	ng	0.00
23) Nitrobenzene-d5	9.439	82	396271	115.193	ng	0.00
42) 2,4,6-Tribromophenol	16.366	330	315422	200.570	ng	0.00
45) 2-Fluorobiphenyl	13.517	172	933435	87.356	ng	0.00
79) Terphenyl-d14	20.215	244	1527484	87.956	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.439	70	53575	15.521	ng	# 79
48) 2-Nitroaniline	13.517	65	1594	4.413	ng	# 1
51) 2,6-Dinitrotoluene	14.886	165	21222	12.362	ng	# 23
53) 3-Nitroaniline	15.080	138	62	3.801	ng	# 1
57) 2,4-Dinitrotoluene	14.886	165	21222	10.522	ng	# 23
65) 4,6-Dinitro-2-methylph...	16.372	198	969	2.981	ng	# 1
67) 4-Bromophenyl-phenylether	16.366	248	20508	5.429	ng	# 1
77) Benzidine	20.215	184	25203	2.671	ng	# 91
80) Butylbenzylphthalate	20.902	149	403	3.406	ng	# 59

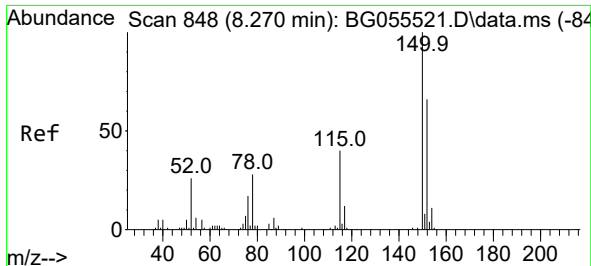
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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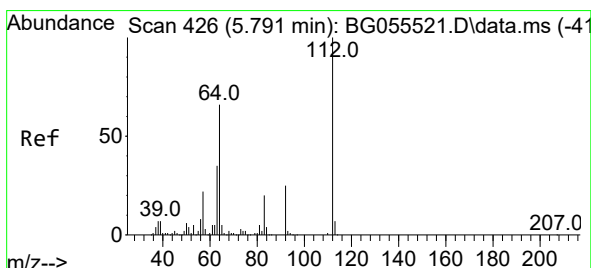
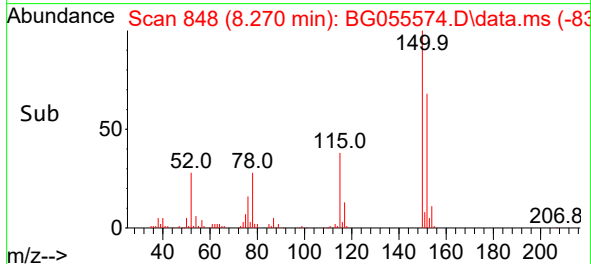
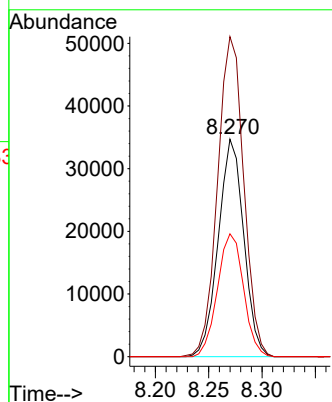
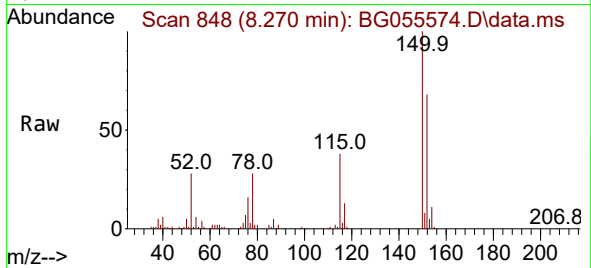




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.270 min Scan# 84
Delta R.T. -0.000 min
Lab File: BG055574.D
Acq: 11 Nov 2022 20:09

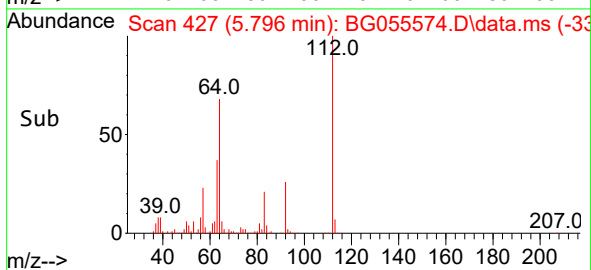
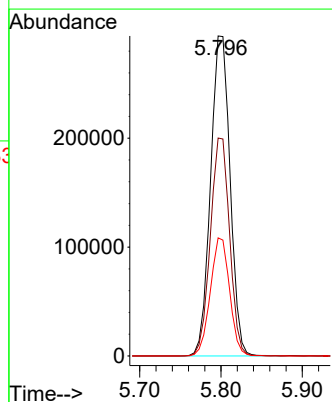
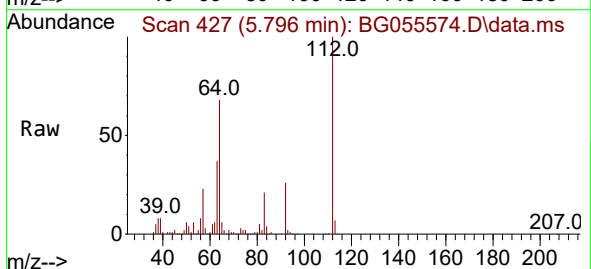
Instrument :
BNA_G
ClientSampleId :
SB-08

Tgt Ion:152 Resp: 57592
Ion Ratio Lower Upper
152 100
150 147.1 121.0 181.4
115 56.5 47.8 71.8



#5
2-Fluorophenol
Concen: 162.010 ng
RT: 5.796 min Scan# 427
Delta R.T. 0.005 min
Lab File: BG055574.D
Acq: 11 Nov 2022 20:09

Tgt Ion:112 Resp: 489859
Ion Ratio Lower Upper
112 100
64 68.1 52.6 78.8
63 36.9 28.3 42.5

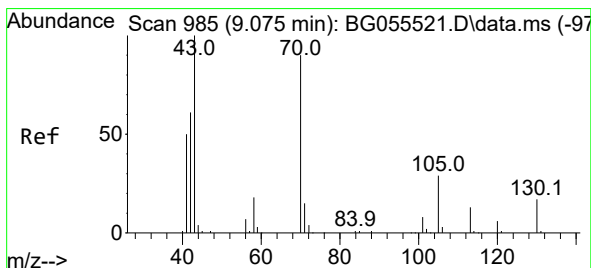
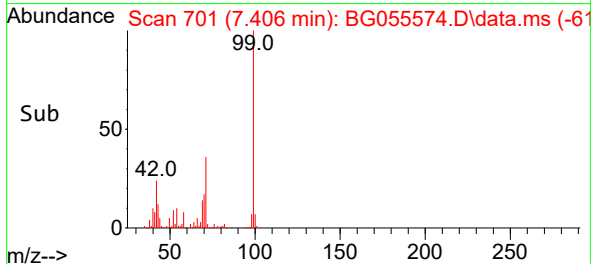
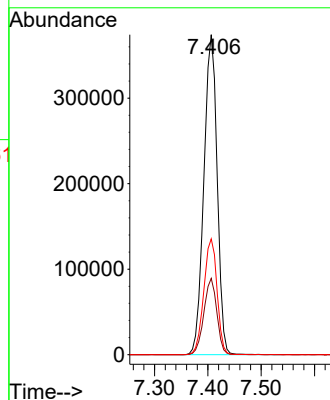
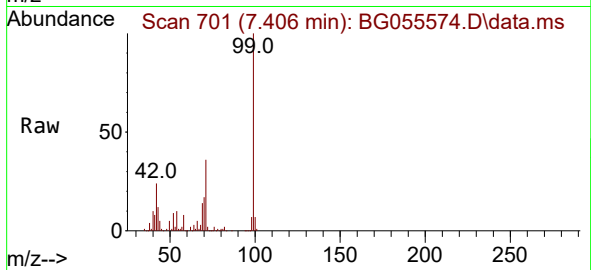




#7
Phenol-d6
Concen: 154.911 ng
RT: 7.406 min Scan# 700
Delta R.T. 0.005 min
Lab File: BG055574.D
Acq: 11 Nov 2022 20:09

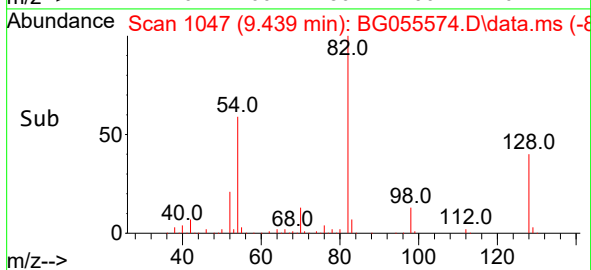
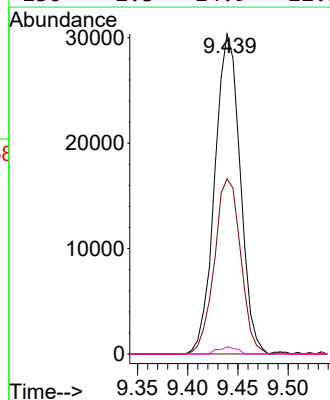
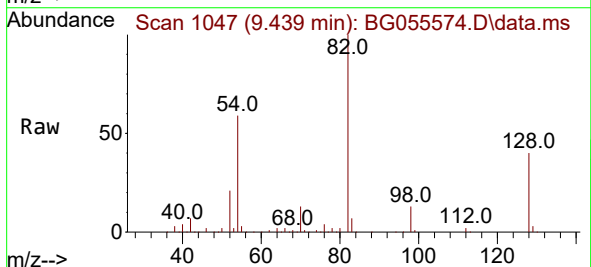
Instrument :
BNA_G
ClientSampleId :
SB-08

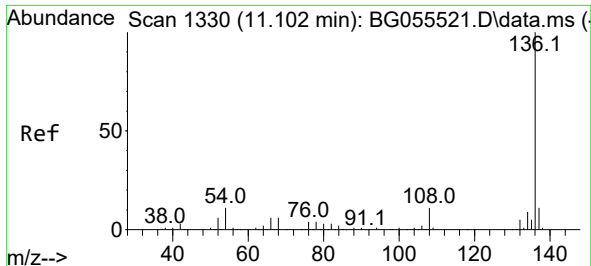
Tgt Ion: 99 Resp: 647008
Ion Ratio Lower Upper
99 100
42 23.9 17.5 26.3
71 36.2 28.3 42.5



#19
n-Nitroso-di-n-propylamine
Concen: 15.521 ng
RT: 9.439 min Scan# 1047
Delta R.T. 0.364 min
Lab File: BG055574.D
Acq: 11 Nov 2022 20:09

Tgt Ion: 70 Resp: 53575
Ion Ratio Lower Upper
70 100
42 54.8 54.8 82.2#
101 0.0 6.8 10.2#
130 2.3 14.9 22.3#

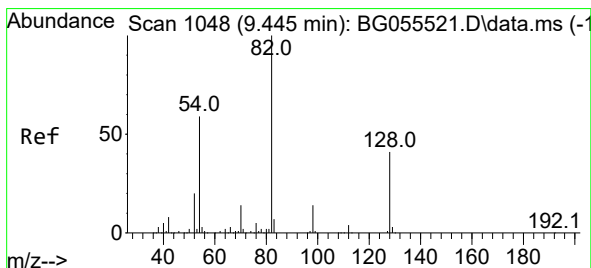
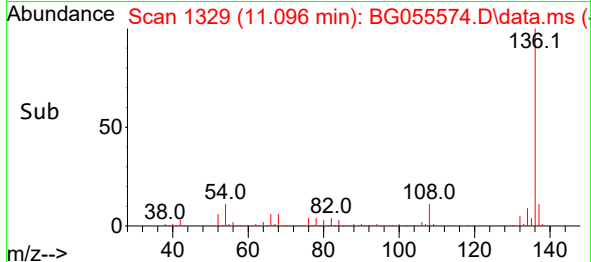
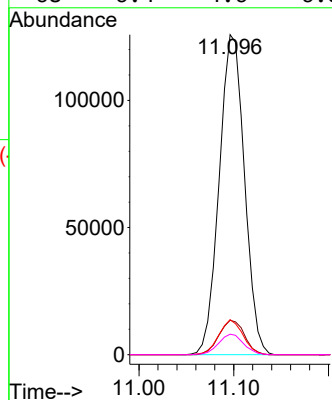
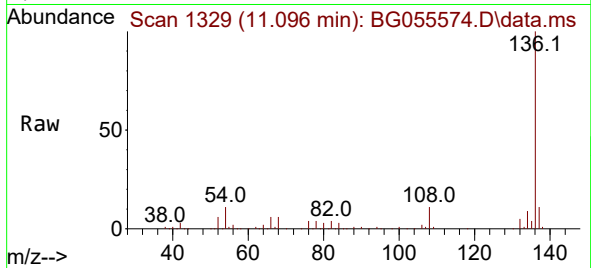




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.096 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG055574.D
Acq: 11 Nov 2022 20:09

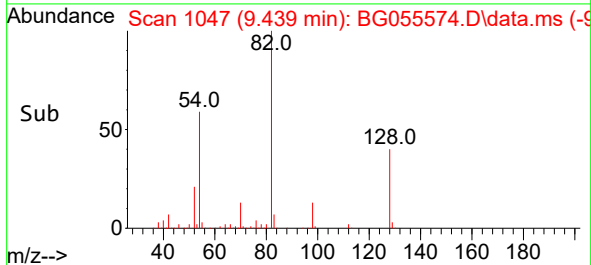
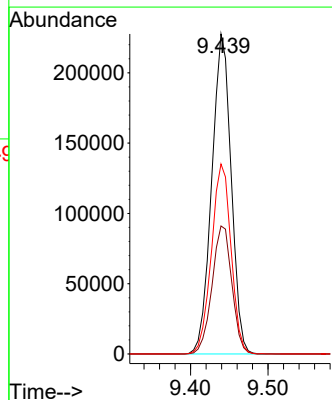
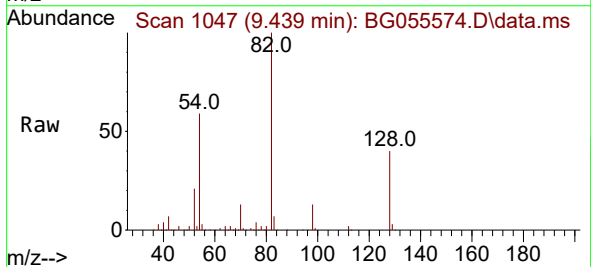
Instrument :
BNA_G
ClientSampleId :
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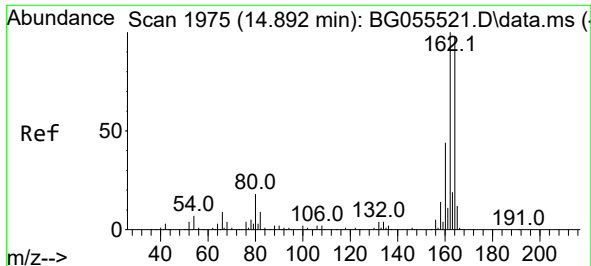
Tgt Ion:	136	Resp:	233208
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	11.0	8.6	12.8
68	6.4	4.6	6.8



#23
Nitrobenzene-d5
Concen: 115.193 ng
RT: 9.439 min Scan# 1047
Delta R.T. -0.006 min
Lab File: BG055574.D
Acq: 11 Nov 2022 20:09

Tgt Ion:	82	Resp:	396271
Ion	Ratio	Lower	Upper
82	100		
128	40.0	32.6	49.0
54	59.3	47.3	70.9

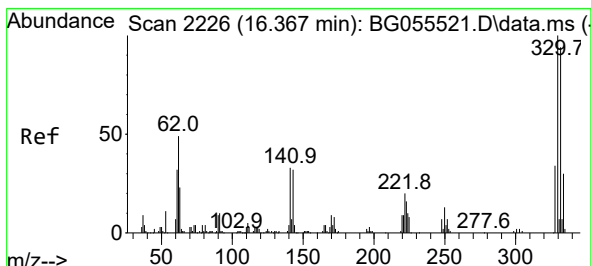
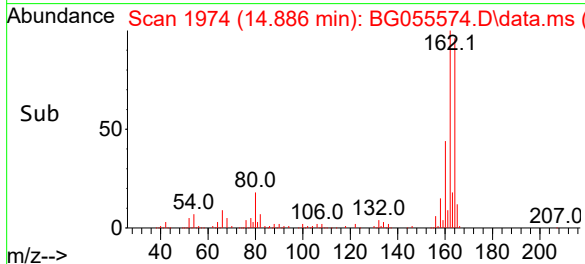
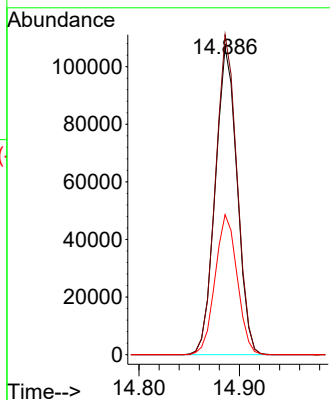
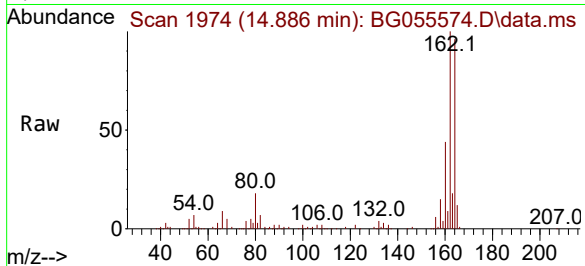




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.886 min Scan# 1975
Delta R.T. -0.006 min
Lab File: BG055574.D
Acq: 11 Nov 2022 20:09

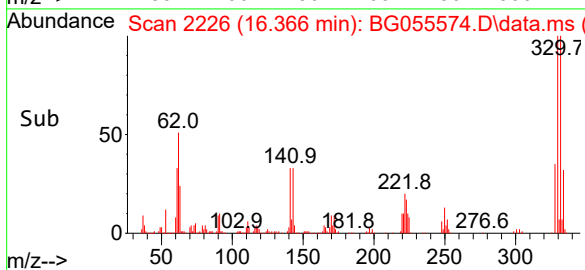
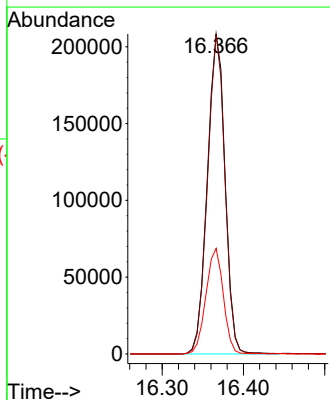
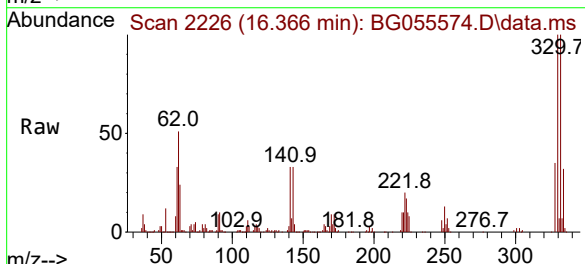
Instrument :
BNA_G
ClientSampleId :
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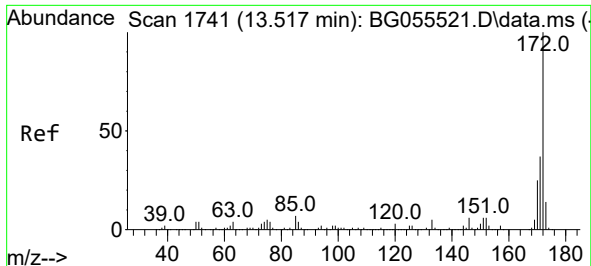
Tgt Ion:164 Resp: 161179
Ion Ratio Lower Upper
164 100
162 104.1 81.3 121.9
160 45.5 35.9 53.9



#42
2,4,6-Tribromophenol
Concen: 200.570 ng
RT: 16.366 min Scan# 2226
Delta R.T. -0.001 min
Lab File: BG055574.D
Acq: 11 Nov 2022 20:09

Tgt Ion:330 Resp: 315422
Ion Ratio Lower Upper
330 100
332 97.8 77.4 116.2
141 32.4 25.4 38.2

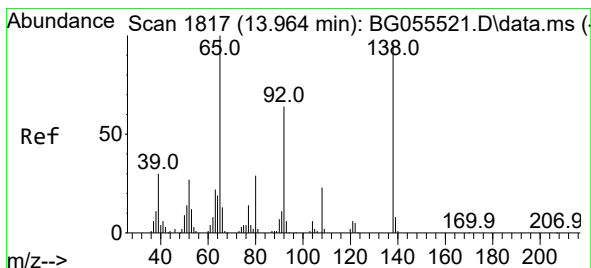
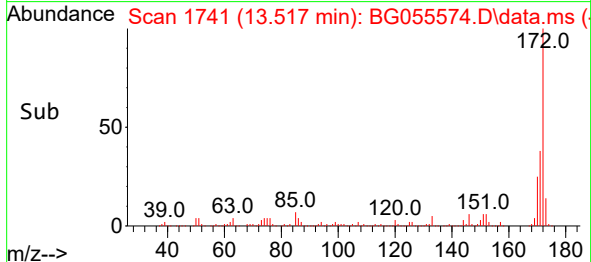
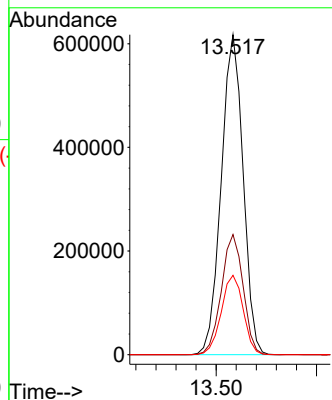
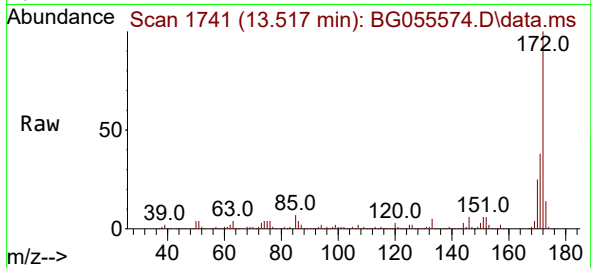




#45
2-Fluorobiphenyl
Concen: 87.356 ng
RT: 13.517 min Scan# 1741
Delta R.T. -0.000 min
Lab File: BG055574.D
Acq: 11 Nov 2022 20:09

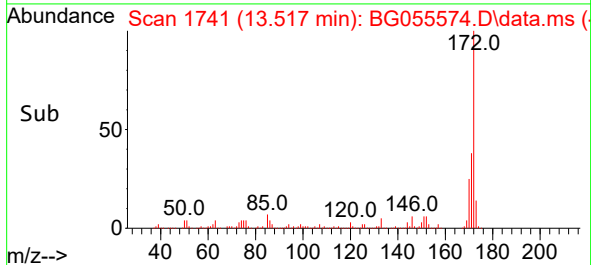
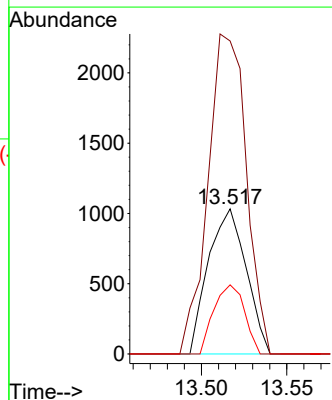
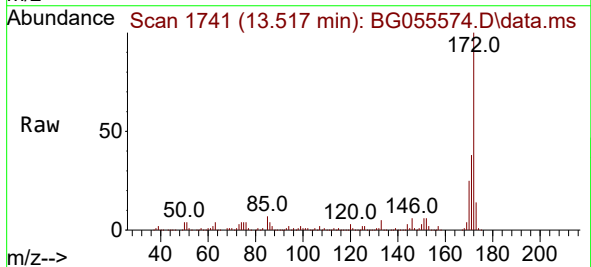
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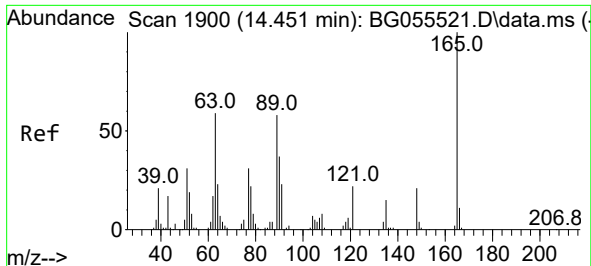
Tgt Ion:172 Resp: 933435
Ion Ratio Lower Upper
172 100
171 37.5 29.7 44.5
170 24.8 19.8 29.6



#48
2-Nitroaniline
Concen: 4.413 ng
RT: 13.517 min Scan# 1741
Delta R.T. -0.447 min
Lab File: BG055574.D
Acq: 11 Nov 2022 20:09

Tgt Ion: 65 Resp: 1594
Ion Ratio Lower Upper
65 100
92 215.6 51.6 77.4#
138 47.6 77.0 115.4#

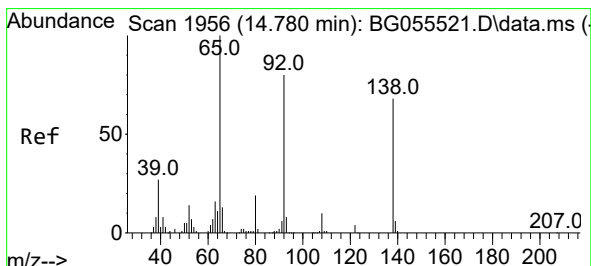
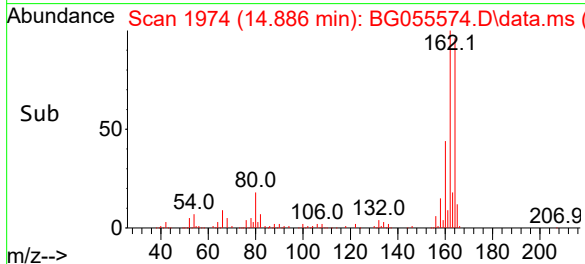
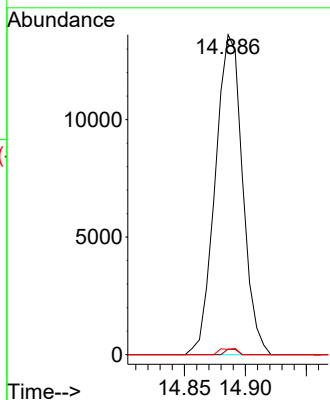
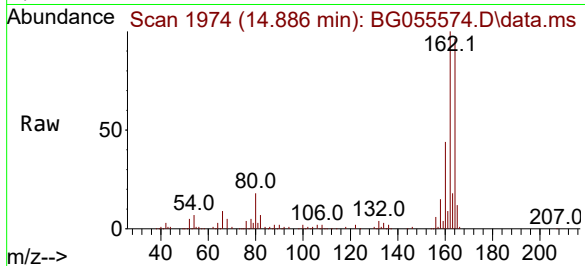




#51
2,6-Dinitrotoluene
Concen: 12.362 ng
RT: 14.886 min Scan# 11
Delta R.T. 0.435 min
Lab File: BG055574.D
Acq: 11 Nov 2022 20:09

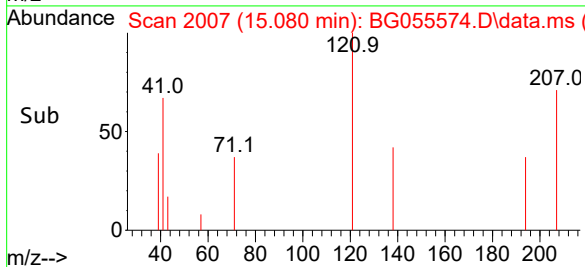
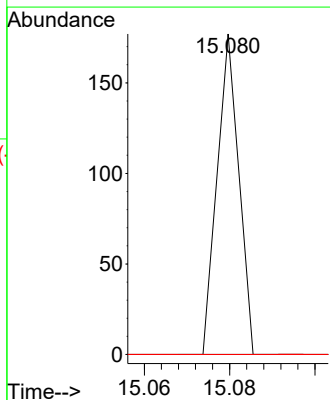
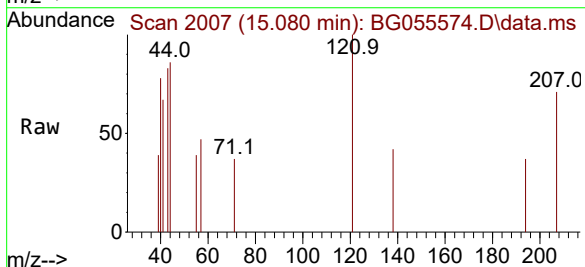
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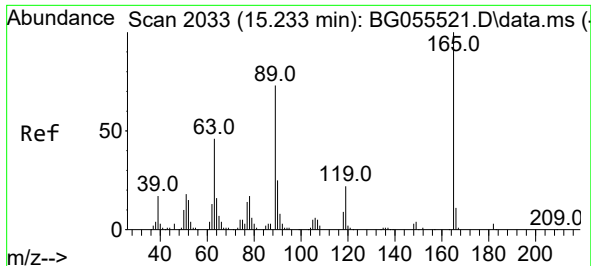
Tgt Ion:165 Resp: 21222
Ion Ratio Lower Upper
165 100
63 1.8 50.1 75.1#
89 1.7 46.5 69.7#



#53
3-Nitroaniline
Concen: 3.801 ng
RT: 15.080 min Scan# 2007
Delta R.T. 0.300 min
Lab File: BG055574.D
Acq: 11 Nov 2022 20:09

Tgt Ion:138 Resp: 62
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: 10.522 ng

RT: 14.886 min Scan# 14

Delta R.T. -0.347 min

Lab File: BG055574.D

Acq: 11 Nov 2022 20:09

Instrument :

BNA_G

ClientSampleId :

SB-08

Tgt Ion:165 Resp: 21222

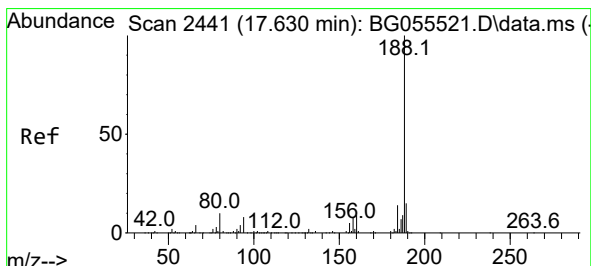
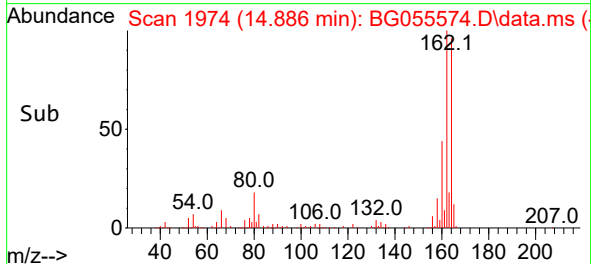
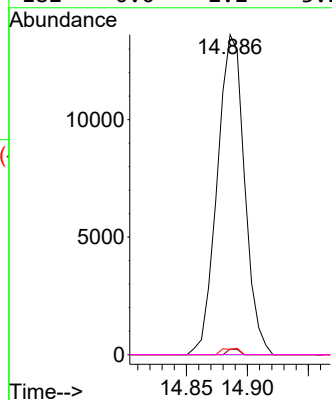
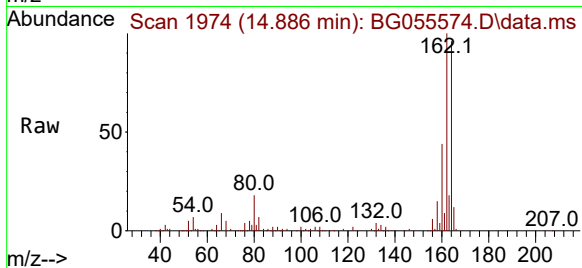
Ion Ratio Lower Upper

165 100

63 1.8 37.0 55.4#

89 1.7 58.6 87.8#

182 0.0 2.2 3.2#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.624 min Scan# 2440

Delta R.T. -0.006 min

Lab File: BG055574.D

Acq: 11 Nov 2022 20:09

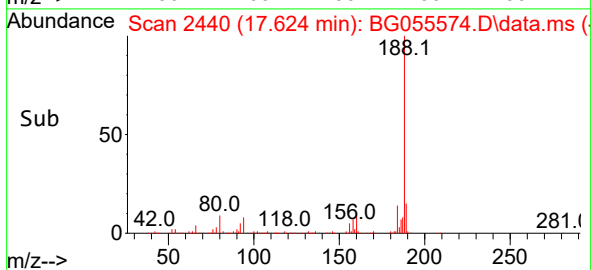
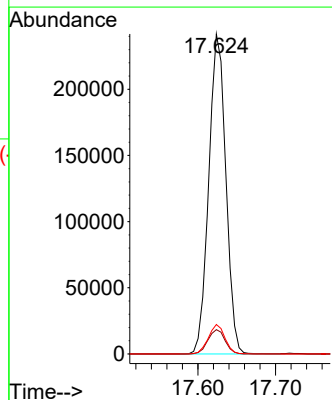
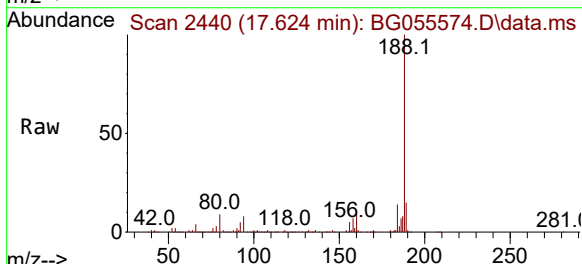
Tgt Ion:188 Resp: 370262

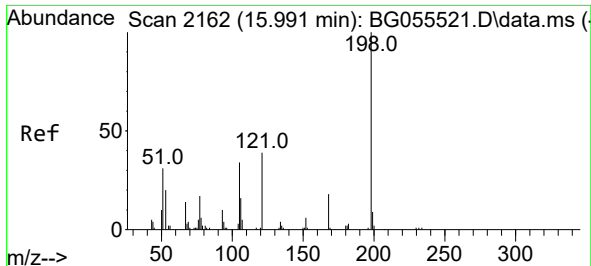
Ion Ratio Lower Upper

188 100

94 7.6 6.4 9.6

80 9.2 7.6 11.4





#65

4,6-Dinitro-2-methylphenol

Concen: 2.981 ng

RT: 16.372 min Scan# 2162

Delta R.T. 0.381 min

Lab File: BG055574.D

Acq: 11 Nov 2022 20:09

Instrument :

BNA_G

ClientSampleId :

SB-08

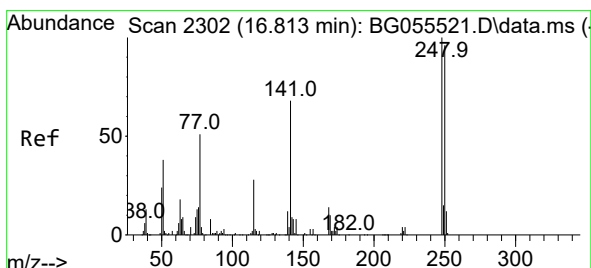
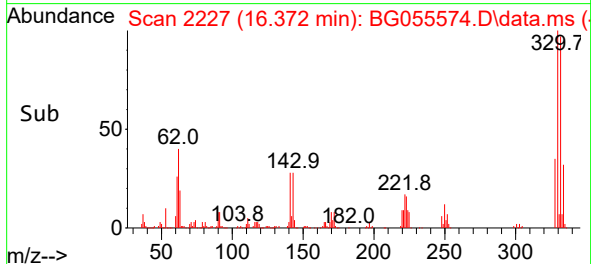
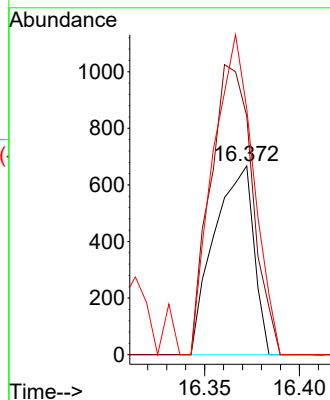
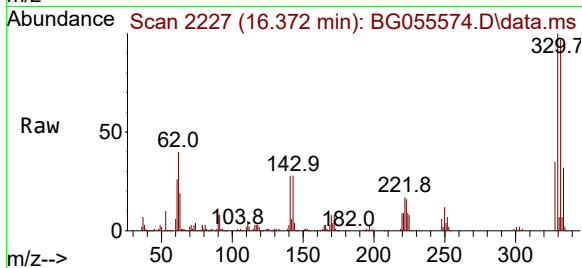
Tgt Ion:198 Resp: 969

Ion Ratio Lower Upper

198 100

51 126.4 24.7 64.7#

105 130.3 17.6 57.6#



#67

4-Bromophenyl-phenylether

Concen: 5.429 ng

RT: 16.366 min Scan# 2226

Delta R.T. -0.447 min

Lab File: BG055574.D

Acq: 11 Nov 2022 20:09

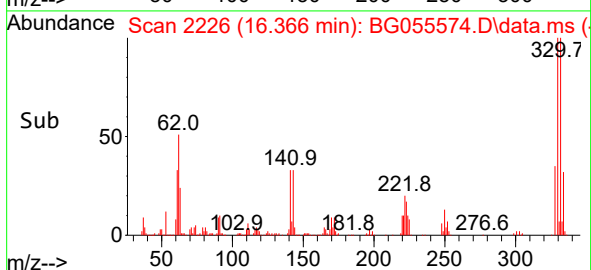
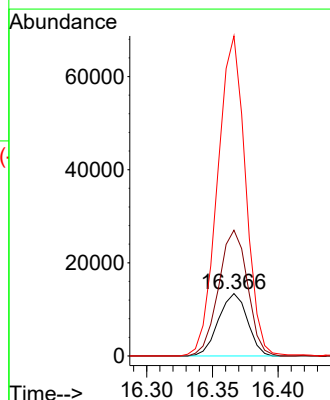
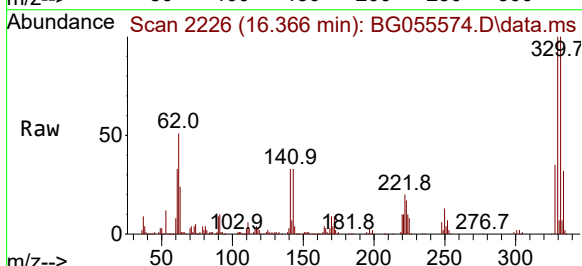
Tgt Ion:248 Resp: 20508

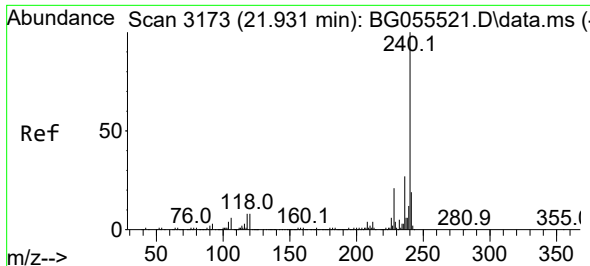
Ion Ratio Lower Upper

248 100

250 201.3 76.9 115.3#

141 512.4 54.3 81.5#

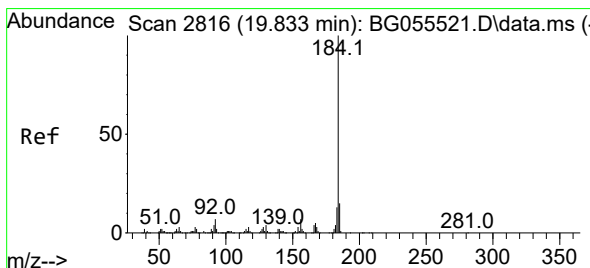
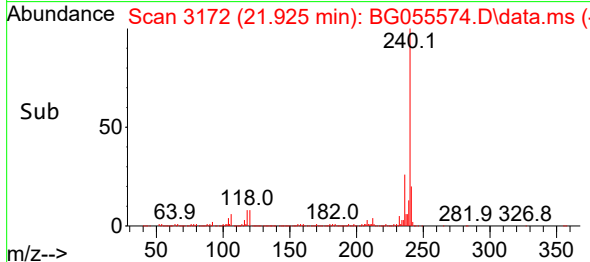
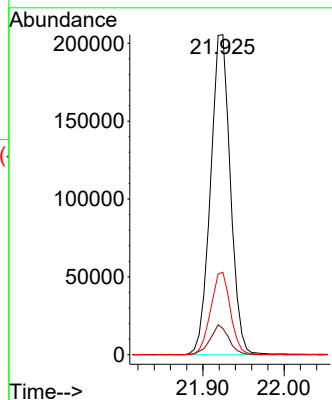
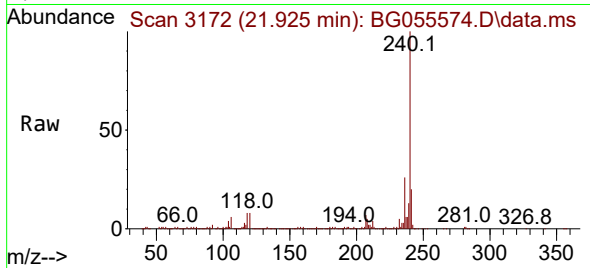




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.925 min Scan# 3173
Delta R.T. -0.006 min
Lab File: BG055574.D
Acq: 11 Nov 2022 20:09

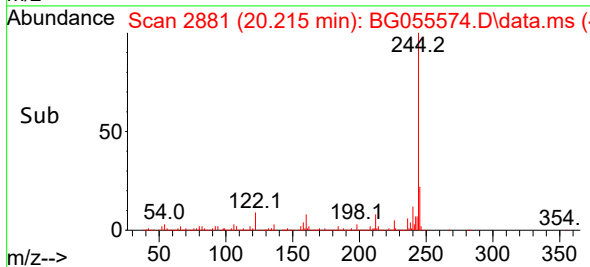
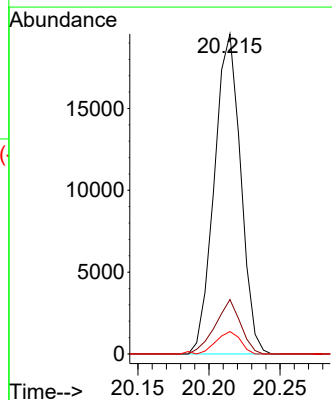
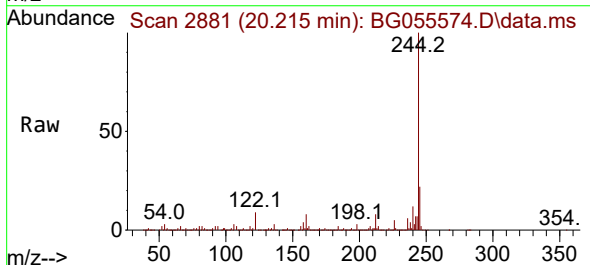
Instrument :
BNA_G
ClientSampleId :
SB-08

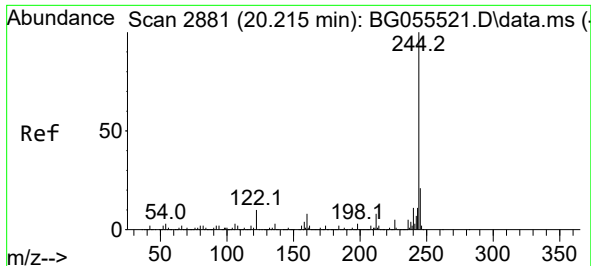
Tgt Ion:240 Resp: 348817
Ion Ratio Lower Upper
240 100
120 8.1 6.1 9.1
236 25.7 21.4 32.0



#77
Benzidine
Concen: 2.671 ng
RT: 20.215 min Scan# 2881
Delta R.T. 0.382 min
Lab File: BG055574.D
Acq: 11 Nov 2022 20:09

Tgt Ion:184 Resp: 25203
Ion Ratio Lower Upper
184 100
185 17.0 12.0 18.0
183 7.0 10.2 15.2#

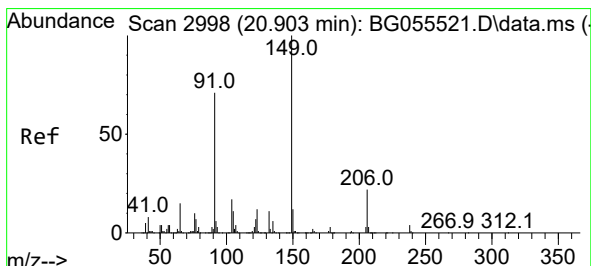
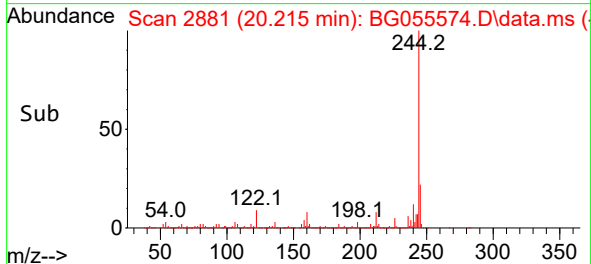
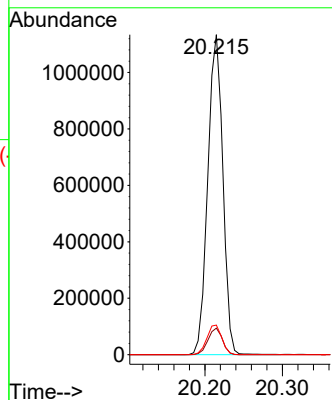
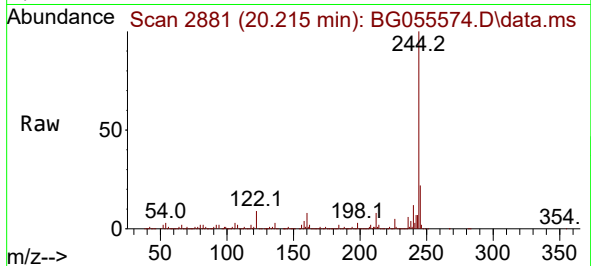




#79
 Terphenyl-d14
 Concen: 87.956 ng
 RT: 20.215 min Scan# 2881
 Delta R.T. -0.000 min
 Lab File: BG055574.D
 Acq: 11 Nov 2022 20:09

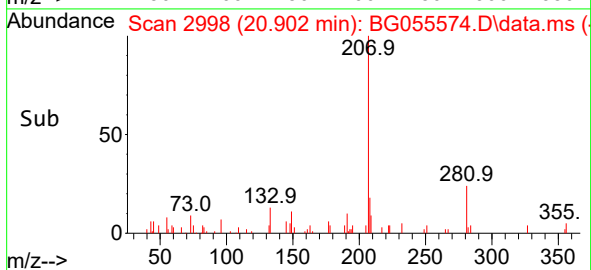
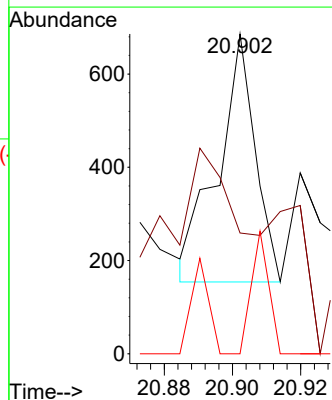
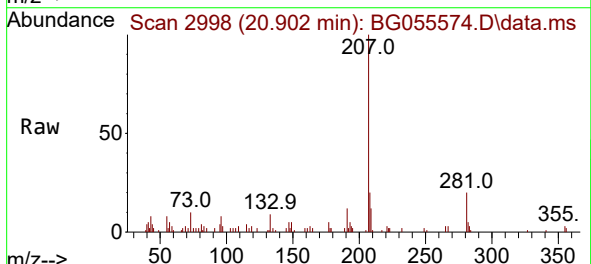
Instrument :
 BNA_G
 ClientSampleId :
 SB-08

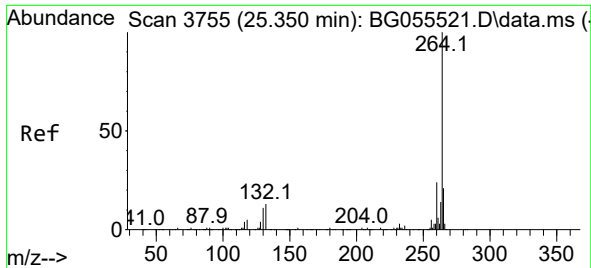
Tgt Ion:244 Resp: 1527484
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.5 9.7
 122 9.3 7.7 11.5



#80
 Butylbenzylphthalate
 Concen: 3.406 ng
 RT: 20.902 min Scan# 2998
 Delta R.T. -0.001 min
 Lab File: BG055574.D
 Acq: 11 Nov 2022 20:09

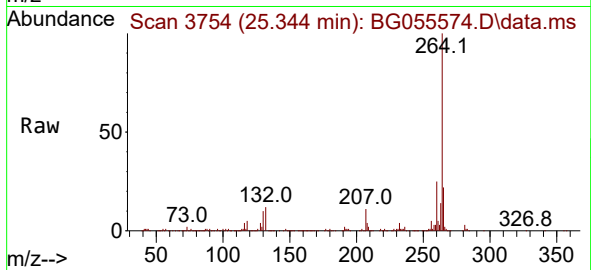
Tgt Ion:149 Resp: 403
 Ion Ratio Lower Upper
 149 100
 91 37.8 56.8 85.2#
 206 0.0 17.3 25.9#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.344 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BG055574.D
 Acq: 11 Nov 2022 20:09

Instrument :
 BNA_G
 ClientSampleId :
 SB-08



Tgt Ion:264 Resp: 361755
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.4 29.2
 265 21.9 17.1 25.7

