

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121121\
 Data File : BG051487.D
 Acq On : 11 Dec 2021 20:06
 Operator : CG/JU
 Sample : M4965-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 11 22:55:39 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 19 16:26:22 2021
 Response via : Initial Calibration

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

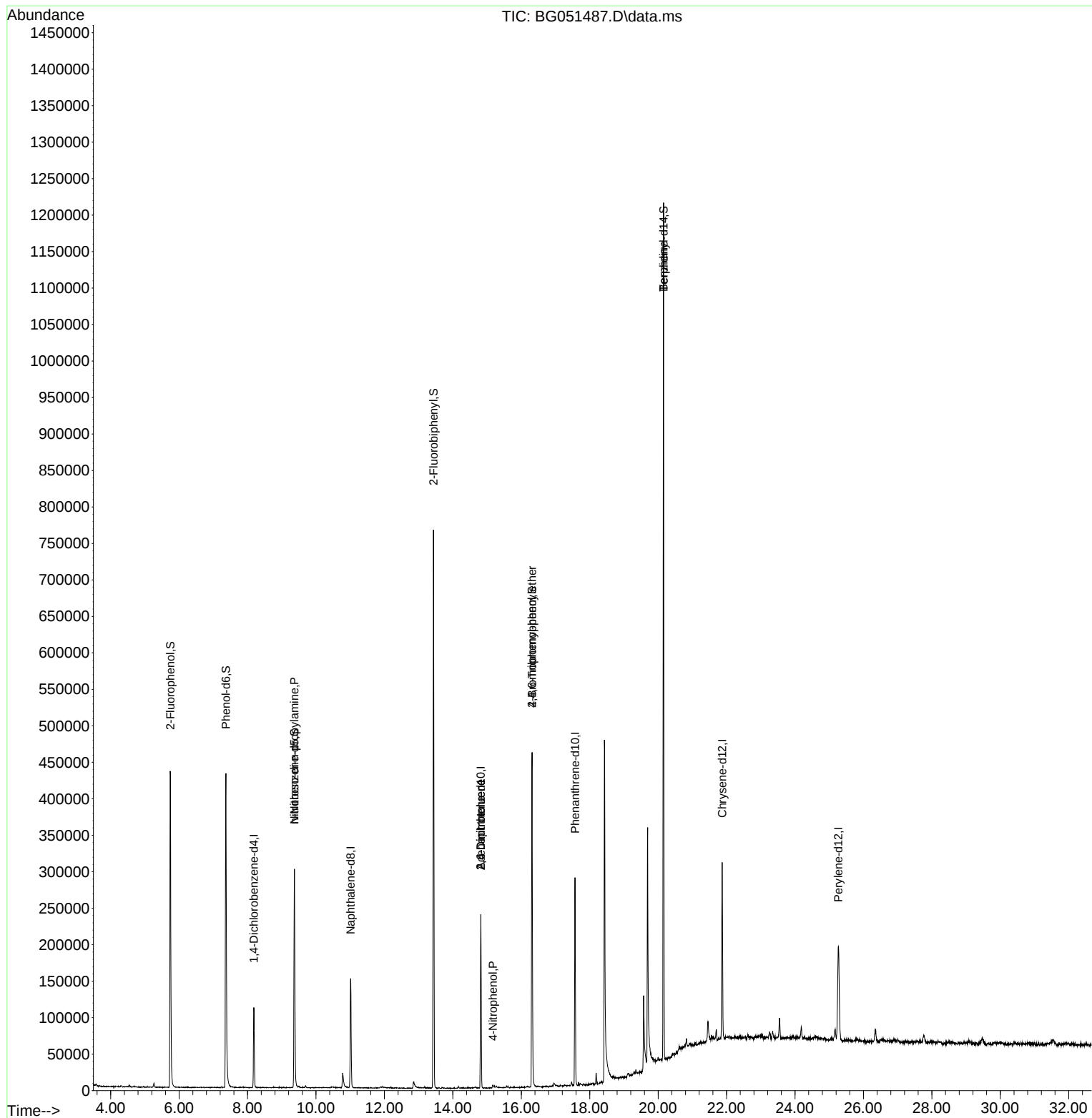
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.182	152	31015	20.000	ng	-0.03
21) Naphthalene-d8	11.008	136	134169	20.000	ng	#-0.03
39) Acenaphthene-d10	14.816	164	83930	20.000	ng	-0.02
64) Phenanthrene-d10	17.571	188	176000	20.000	ng	#-0.02
76) Chrysene-d12	21.872	240	154021	20.000	ng	#-0.01
86) Perylene-d12	25.268	264	149991	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.744	112	213632	106.478	ng	0.00
7) Phenol-d6	7.365	99	284494	100.676	ng	0.00
23) Nitrobenzene-d5	9.369	82	208023	70.776	ng	-0.02
42) 2,4,6-Tribromophenol	16.314	330	77062	86.386	ng	-0.02
45) 2-Fluorobiphenyl	13.435	172	382016	68.682	ng	-0.02
79) Terphenyl-d14	20.156	244	536077	63.628	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.369	70	28457	13.643	ng	# 70
51) 2,6-Dinitrotoluene	14.816	165	11080	8.204	ng	# 10
56) 4-Nitrophenol	15.174	139	2664	2.503	ng	# 1
57) 2,4-Dinitrotoluene	14.816	165	11080	5.727	ng	# 15
67) 4-Bromophenyl-phenylether	16.314	248	6130	3.220	ng	# 1
77) Benzidine	20.156	184	9834	3.888	ng	# 91

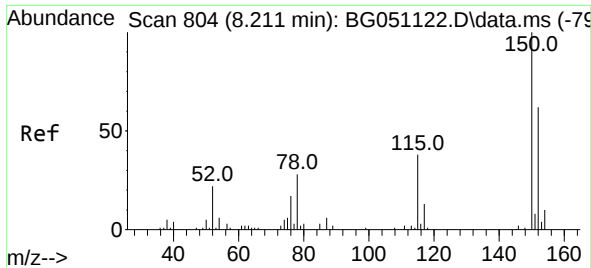
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121121\
Data File : BG051487.D
Acq On : 11 Dec 2021 20:06
Operator : CG/JU
Sample : M4965-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Dec 11 22:55:39 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 19 16:26:22 2021
Response via : Initial Calibration

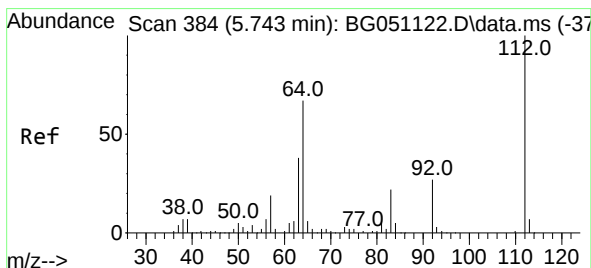
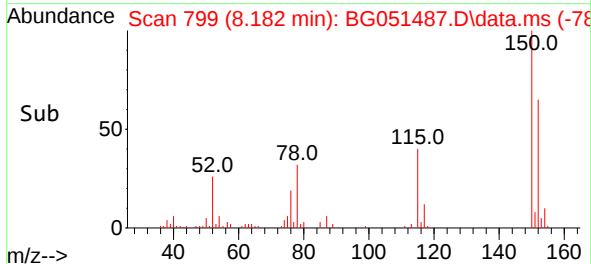
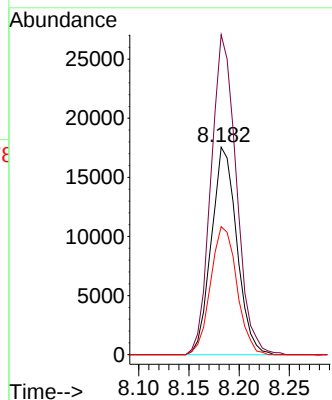
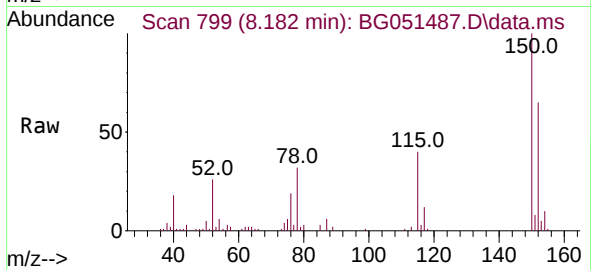




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.182 min Scan# 799
Delta R.T. -0.029 min
Lab File: BG051487.D
Acq: 11 Dec 2021 20:06

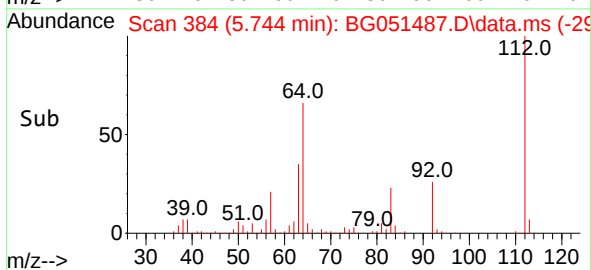
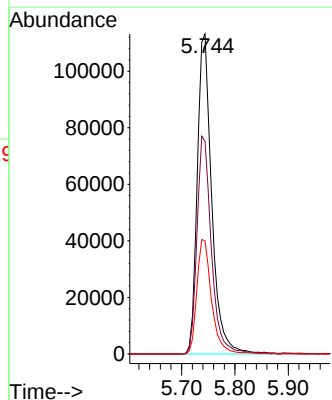
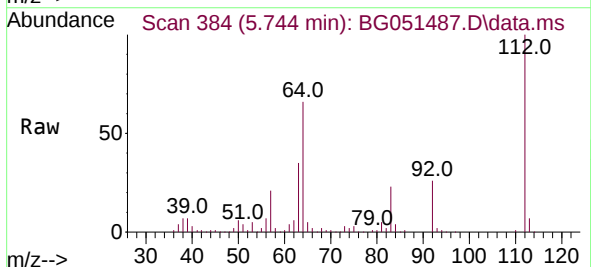
Instrument :
BNA_G
ClientSampleId :

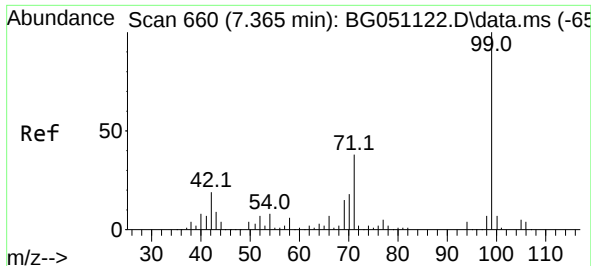
Tgt Ion:152 Resp: 31015
Ion Ratio Lower Upper
152 100
150 154.2 119.4 179.0
115 61.7 60.2 90.4



#5
2-Fluorophenol
Concen: 106.478 ng
RT: 5.744 min Scan# 384
Delta R.T. 0.001 min
Lab File: BG051487.D
Acq: 11 Dec 2021 20:06

Tgt Ion:112 Resp: 213632
Ion Ratio Lower Upper
112 100
64 66.5 46.7 70.1
63 35.4 35.3 52.9

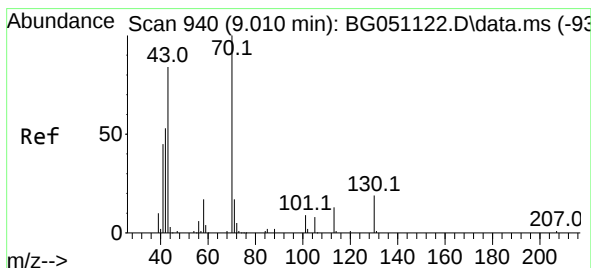
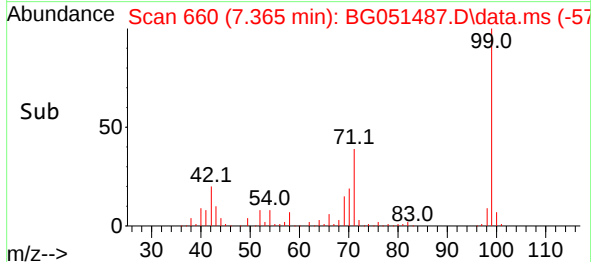
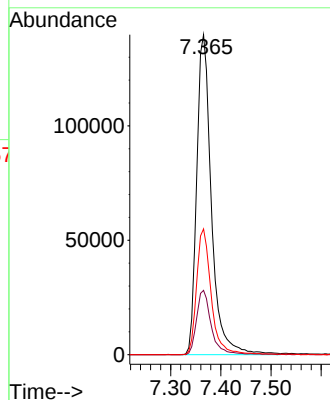
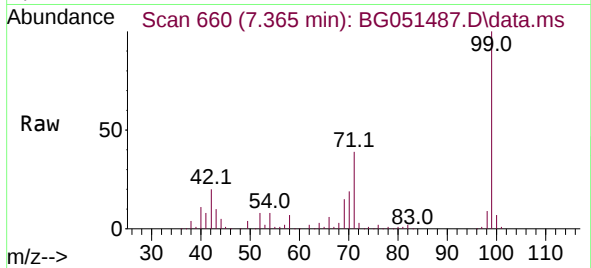




#7
Phenol-d6
Concen: 100.676 ng
RT: 7.365 min Scan# 60
Delta R.T. 0.001 min
Lab File: BG051487.D
Acq: 11 Dec 2021 20:06

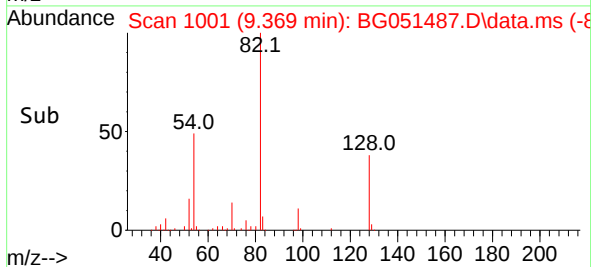
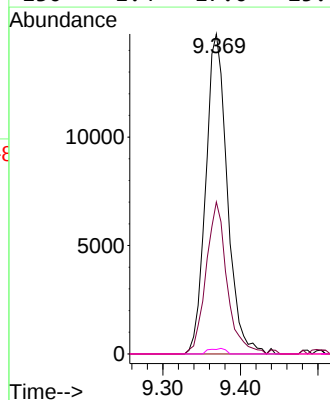
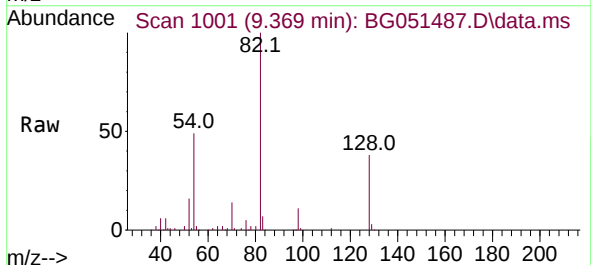
Instrument :
BNA_G
ClientSampleId :

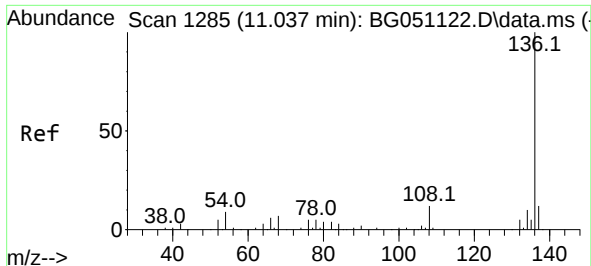
Tgt Ion: 99 Resp: 284494
Ion Ratio Lower Upper
99 100
42 20.1 20.5 30.7#
71 39.3 41.5 62.3#



#19
n-Nitroso-di-n-propylamine
Concen: 13.643 ng
RT: 9.369 min Scan# 1001
Delta R.T. 0.359 min
Lab File: BG051487.D
Acq: 11 Dec 2021 20:06

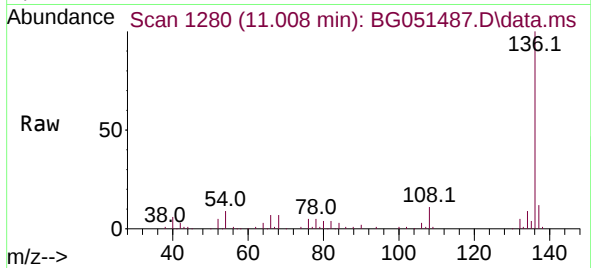
Tgt Ion: 70 Resp: 28457
Ion Ratio Lower Upper
70 100
42 47.5 54.5 81.7#
101 0.0 9.0 13.6#
130 1.4 17.0 25.6#



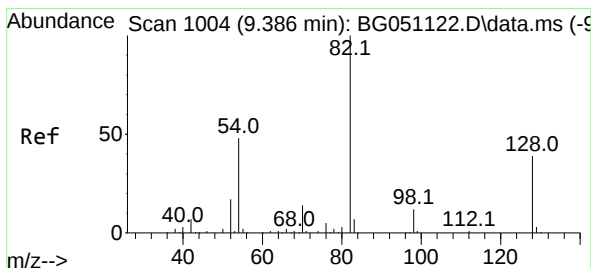
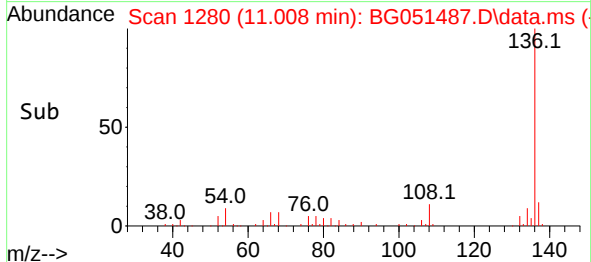
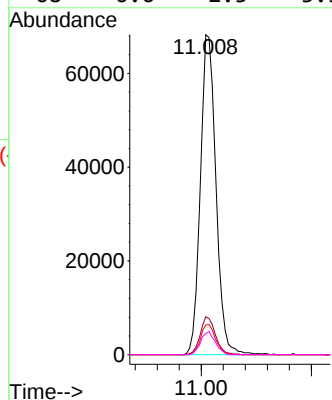


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.008 min Scan# 11
Delta R.T. -0.029 min
Lab File: BG051487.D
Acq: 11 Dec 2021 20:06

Instrument :
BNA_G
ClientSampleId :

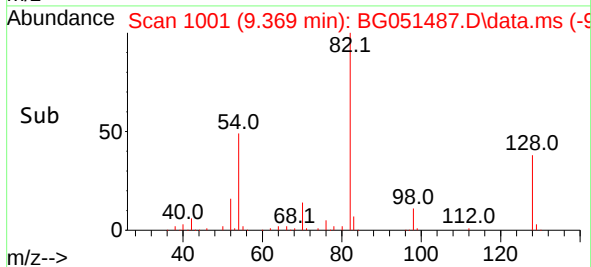
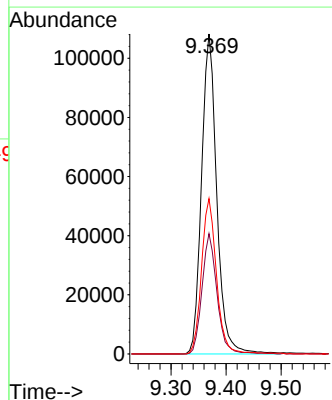
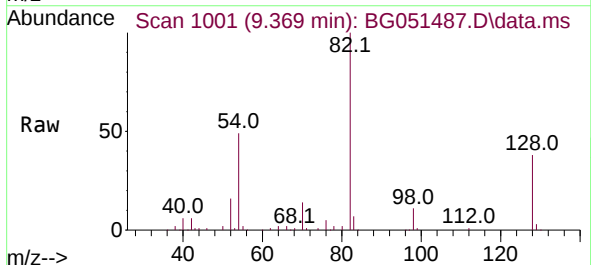


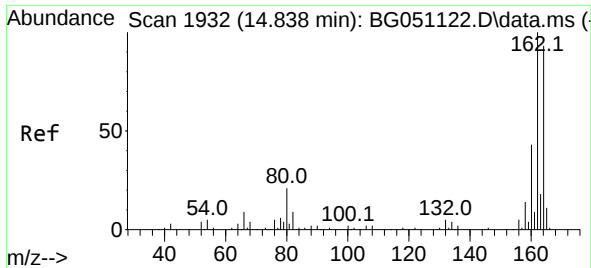
Tgt Ion:136 Resp: 134169
Ion Ratio Lower Upper
136 100
137 11.8 8.2 12.2
54 9.3 5.5 8.3#
68 6.6 2.3 3.5#



#23
Nitrobenzene-d5
Concen: 70.776 ng
RT: 9.369 min Scan# 1001
Delta R.T. -0.017 min
Lab File: BG051487.D
Acq: 11 Dec 2021 20:06

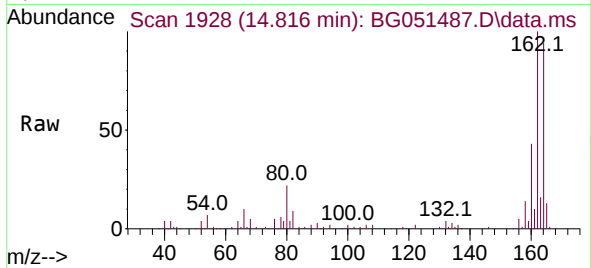
Tgt Ion: 82 Resp: 208023
Ion Ratio Lower Upper
82 100
128 37.6 29.8 44.6
54 48.5 45.8 68.8



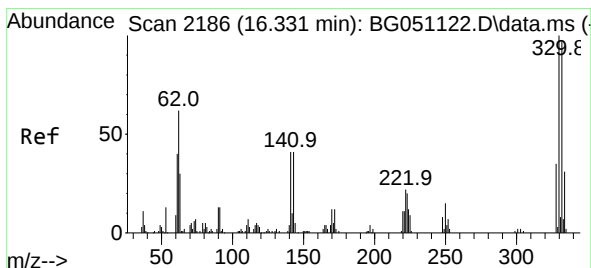
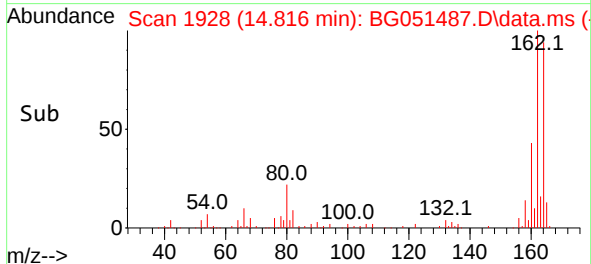
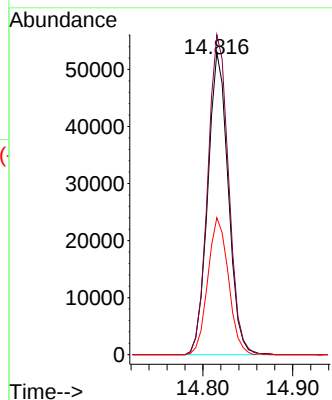


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.816 min Scan# 1932
Delta R.T. -0.022 min
Lab File: BG051487.D
Acq: 11 Dec 2021 20:06

Instrument :
BNA_G
ClientSampleId :

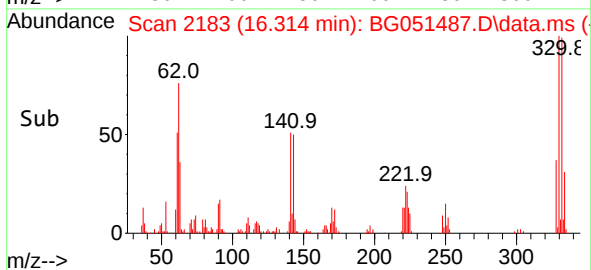
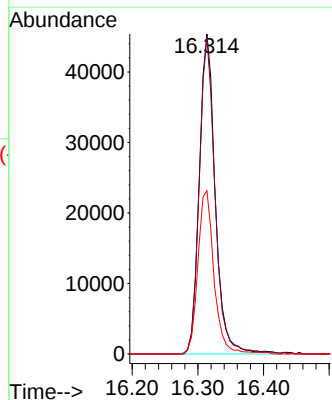
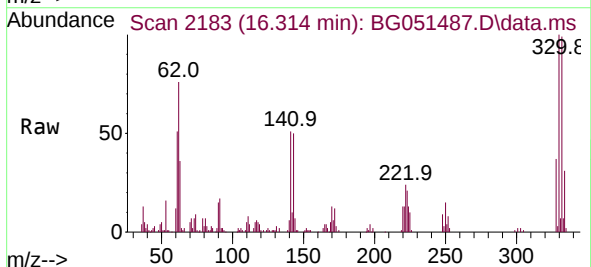


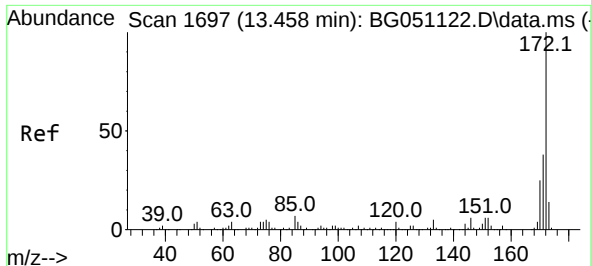
Tgt Ion:164 Resp: 83930
Ion Ratio Lower Upper
164 100
162 105.9 81.4 122.0
160 45.3 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 86.386 ng
RT: 16.314 min Scan# 2183
Delta R.T. -0.017 min
Lab File: BG051487.D
Acq: 11 Dec 2021 20:06

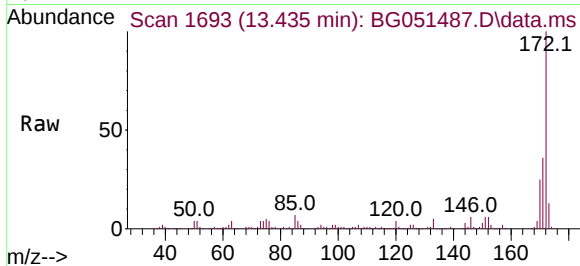
Tgt Ion:330 Resp: 77062
Ion Ratio Lower Upper
330 100
332 98.0 77.3 115.9
141 51.5 35.6 53.4



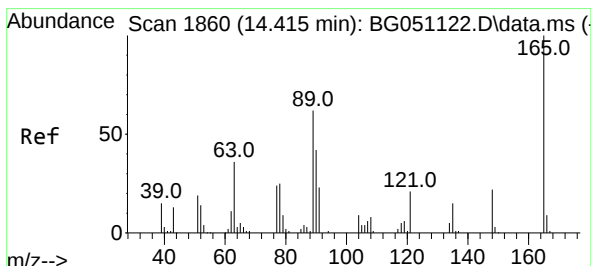
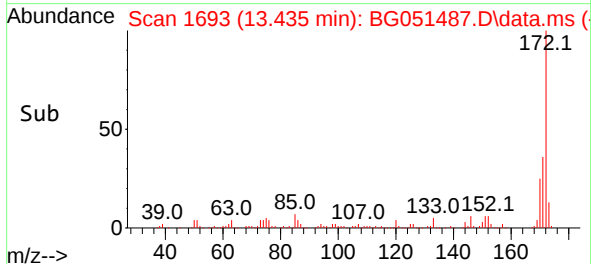
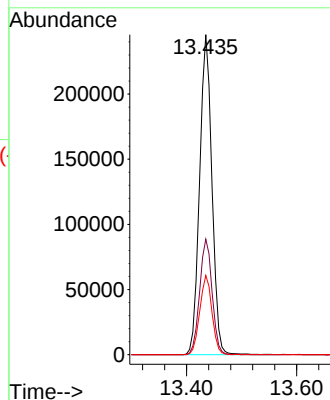


#45
2-Fluorobiphenyl
Concen: 68.682 ng
RT: 13.435 min Scan# 1
Delta R.T. -0.023 min
Lab File: BG051487.D
Acq: 11 Dec 2021 20:06

Instrument :
BNA_G
ClientSampleId :

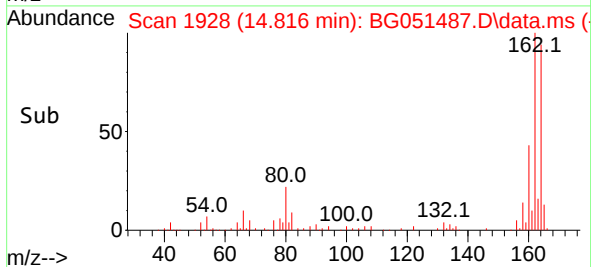
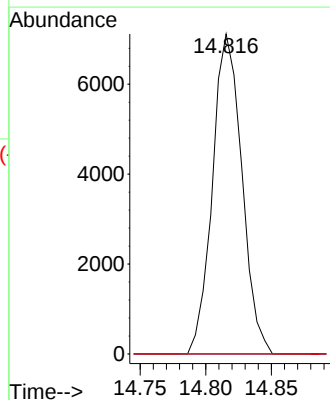
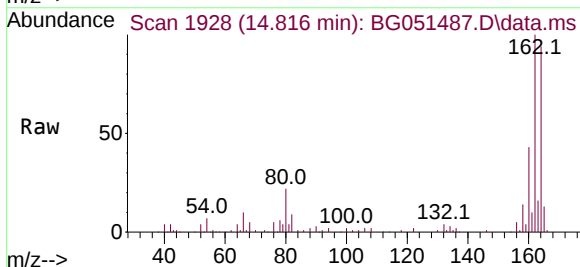


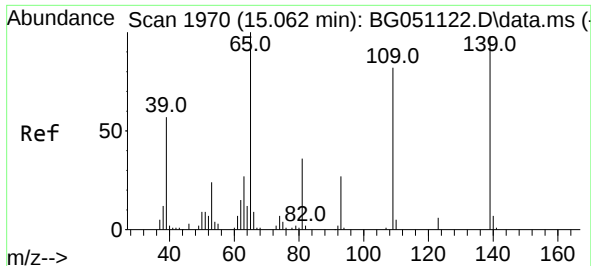
Tgt Ion:172 Resp: 382016
Ion Ratio Lower Upper
172 100
171 36.1 28.6 43.0
170 24.8 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.204 ng
RT: 14.816 min Scan# 1928
Delta R.T. 0.400 min
Lab File: BG051487.D
Acq: 11 Dec 2021 20:06

Tgt Ion:165 Resp: 11080
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 0.0 63.4 95.0#

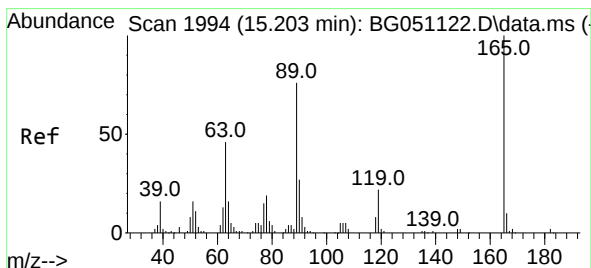
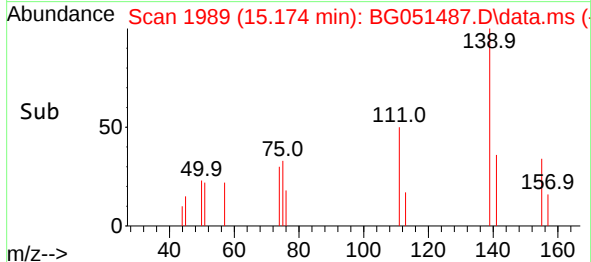
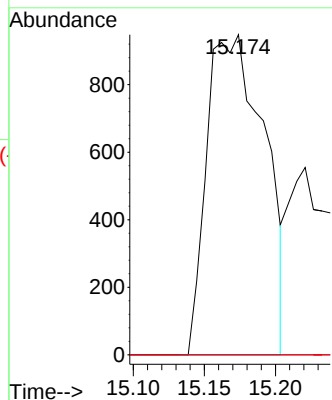
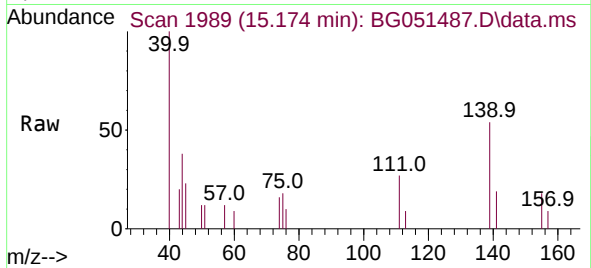




#56
4-Nitrophenol
Concen: 2.503 ng
RT: 15.174 min Scan# 1989
Delta R.T. 0.112 min
Lab File: BG051487.D
Acq: 11 Dec 2021 20:06

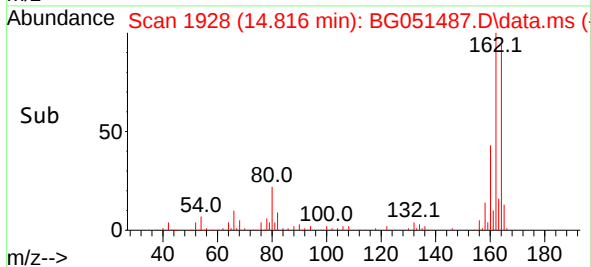
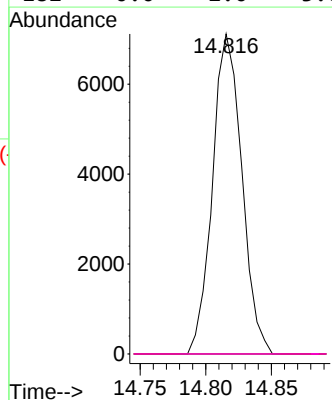
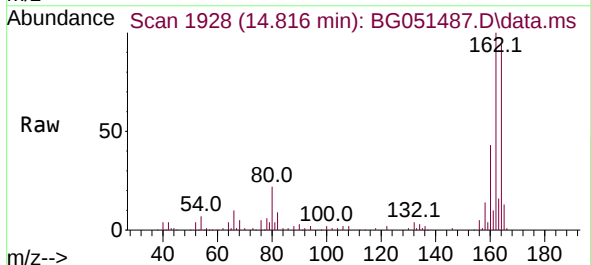
Instrument :
BNA_G
ClientSampleId :

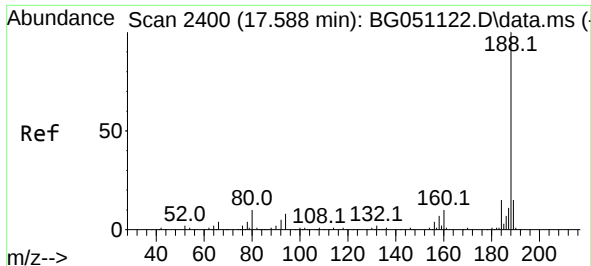
Tgt Ion:139 Resp: 2664
Ion Ratio Lower Upper
139 100
109 0.0 116.3 156.3#
65 0.0 105.0 145.0#



#57
2,4-Dinitrotoluene
Concen: 5.727 ng
RT: 14.816 min Scan# 1928
Delta R.T. -0.387 min
Lab File: BG051487.D
Acq: 11 Dec 2021 20:06

Tgt Ion:165 Resp: 11080
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 0.0 65.4 98.0#
182 0.0 2.0 3.0#

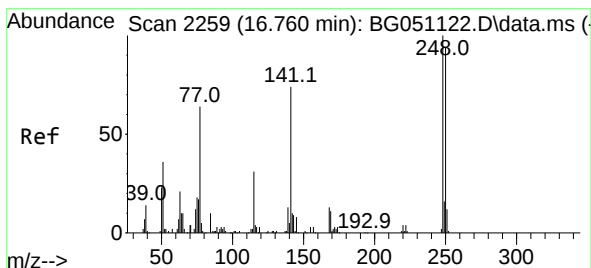
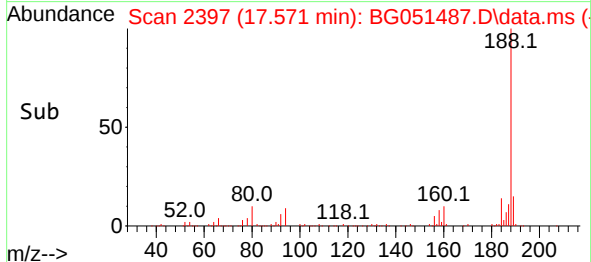
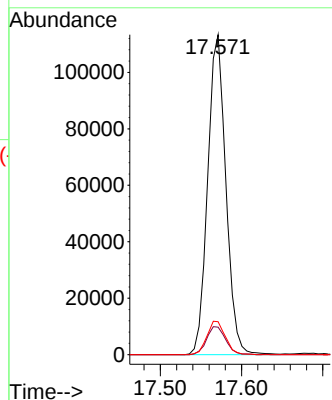
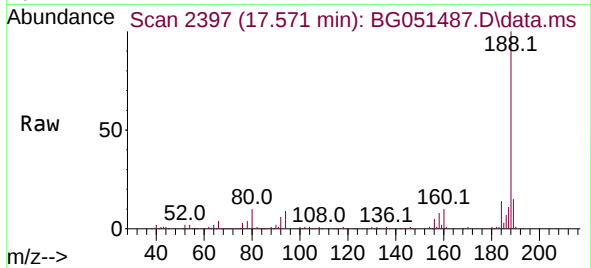




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.571 min Scan# 2183
Delta R.T. -0.017 min
Lab File: BG051487.D
Acq: 11 Dec 2021 20:06

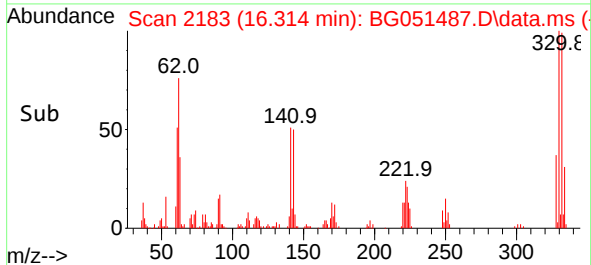
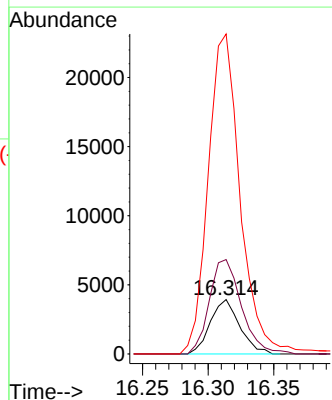
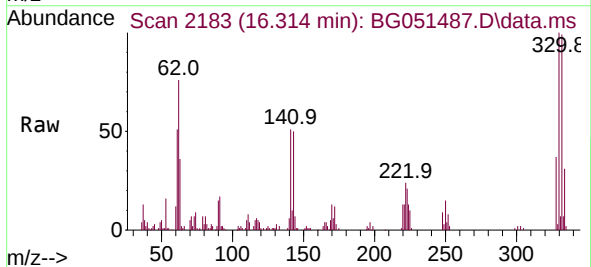
Instrument :
BNA_G
ClientSampleId :

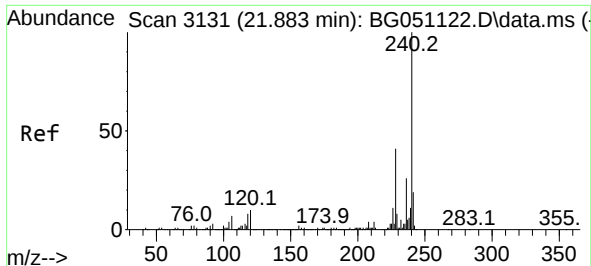
Tgt Ion:188 Resp: 176000
Ion Ratio Lower Upper
188 100
94 8.6 5.4 8.0#
80 10.3 3.7 5.5#



#67
4-Bromophenyl-phenylether
Concen: 3.220 ng
RT: 16.314 min Scan# 2183
Delta R.T. -0.446 min
Lab File: BG051487.D
Acq: 11 Dec 2021 20:06

Tgt Ion:248 Resp: 6130
Ion Ratio Lower Upper
248 100
250 173.2 76.1 114.1#
141 587.5 65.4 98.2#

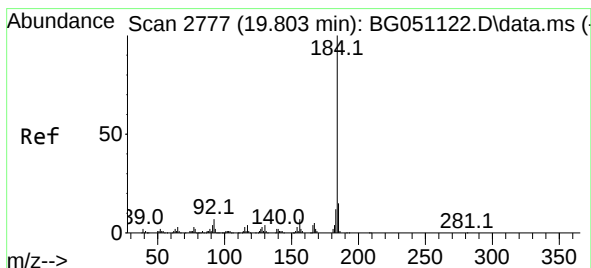
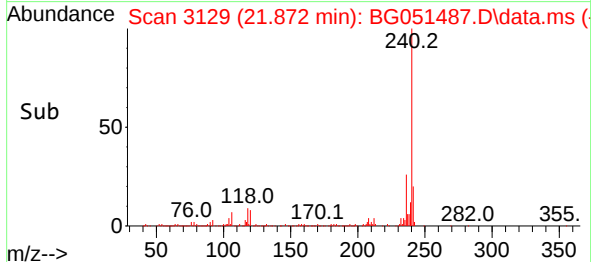
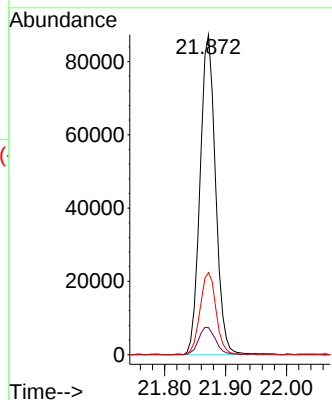
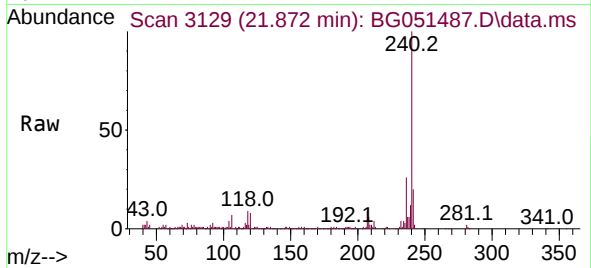




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.872 min Scan# 31
Delta R.T. -0.011 min
Lab File: BG051487.D
Acq: 11 Dec 2021 20:06

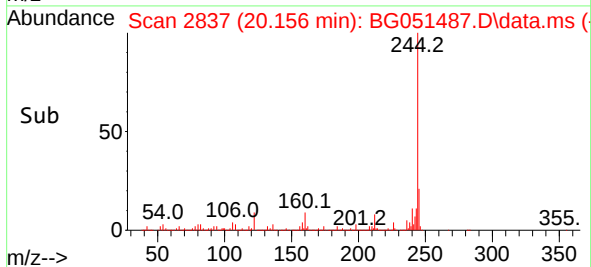
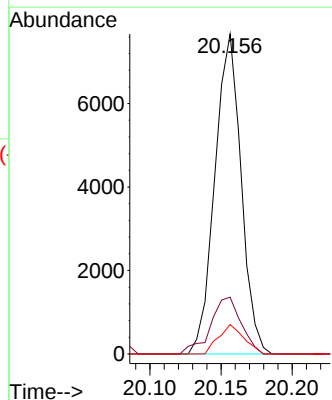
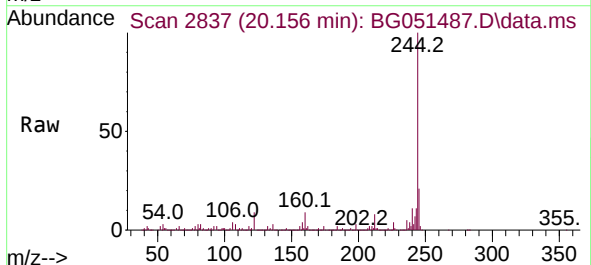
Instrument :
BNA_G
ClientSampleId :

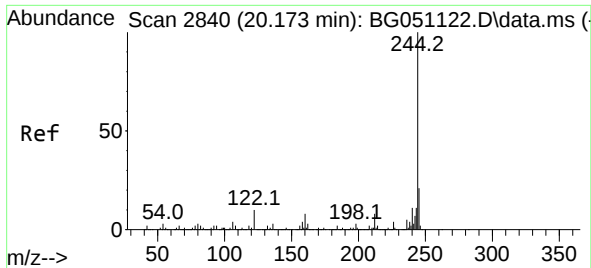
Tgt Ion:240 Resp: 154021
Ion Ratio Lower Upper
240 100
120 8.5 4.2 6.2#
236 25.6 21.8 32.6



#77
Benzidine
Concen: 3.888 ng
RT: 20.156 min Scan# 2837
Delta R.T. 0.353 min
Lab File: BG051487.D
Acq: 11 Dec 2021 20:06

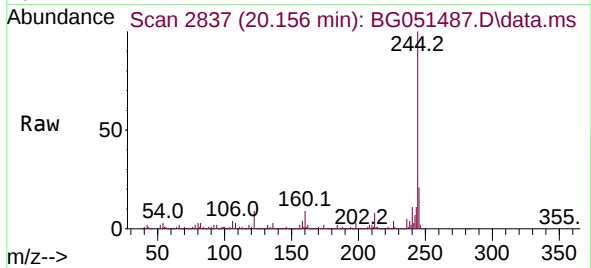
Tgt Ion:184 Resp: 9834
Ion Ratio Lower Upper
184 100
185 17.8 10.7 16.1#
183 9.2 9.4 14.0#



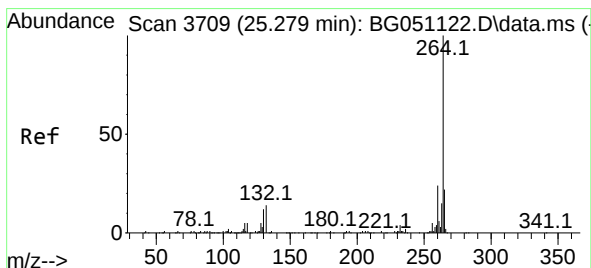
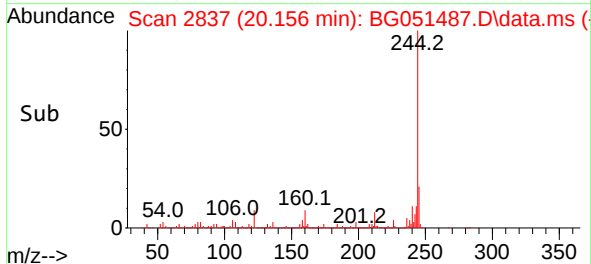
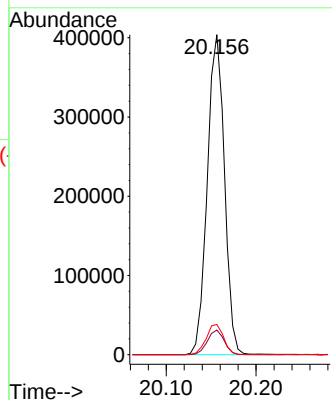


#79
 Terphenyl-d14
 Concen: 63.628 ng
 RT: 20.156 min Scan# 21
 Delta R.T. -0.017 min
 Lab File: BG051487.D
 Acq: 11 Dec 2021 20:06

Instrument :
 BNA_G
 ClientSampleId :



Tgt Ion:244 Resp: 536077
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.9 10.3
 122 9.4 5.0 7.6#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.268 min Scan# 3707
 Delta R.T. -0.011 min
 Lab File: BG051487.D
 Acq: 11 Dec 2021 20:06

Tgt Ion:264 Resp: 149991
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.4 29.2
 265 22.3 16.9 25.3

