

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103122\
 Data File : BG055383.D
 Acq On : 31 Oct 2022 17:46
 Operator : CG/JU
 Sample : N5316-09
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMPOSITE-PILE-2

Quant Time: Nov 01 06:49:50 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 29 04:52:38 2022
 Response via : Initial Calibration

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

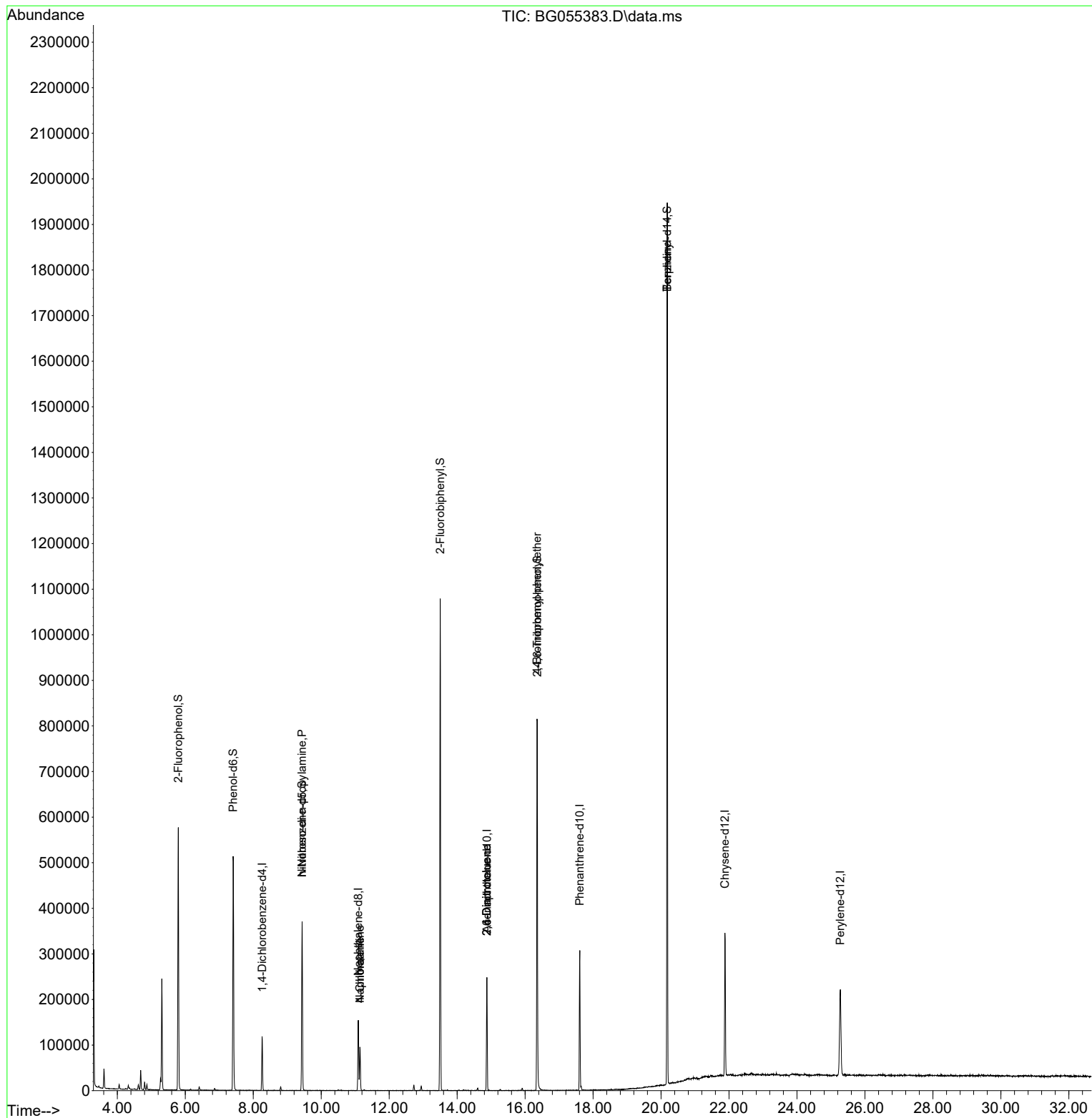
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.260	152	35383	20.000	ng	0.00
21) Naphthalene-d8	11.092	136	140115	20.000	ng	0.00
39) Acenaphthene-d10	14.876	164	92263	20.000	ng	0.00
64) Phenanthrene-d10	17.608	188	202350	20.000	ng	# 0.00
76) Chrysene-d12	21.880	240	200519	20.000	ng	#-0.01
86) Perylene-d12	25.276	264	215904	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.793	112	267075	132.165	ng	0.00
7) Phenol-d6	7.408	99	326978	111.687	ng	0.00
23) Nitrobenzene-d5	9.435	82	231270	84.284	ng	0.00
42) 2,4,6-Tribromophenol	16.357	330	188392	187.832	ng	0.00
45) 2-Fluorobiphenyl	13.501	172	557822	98.958	ng	-0.01
79) Terphenyl-d14	20.182	244	971509	100.663	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.435	70	31246	12.852	ng	# 77
31) Naphthalene	11.139	128	83102	11.118	ng	99
33) 4-Chloroaniline	11.139	127	11332	3.546	ng	# 32
51) 2,6-Dinitrotoluene	14.870	165	11981	8.128	ng	# 19
57) 2,4-Dinitrotoluene	14.870	165	11981	5.601	ng	# 18
67) 4-Bromophenyl-phenylether	16.351	248	11888	6.047	ng	# 1
77) Benzidine	20.182	184	14404	2.967	ng	# 92

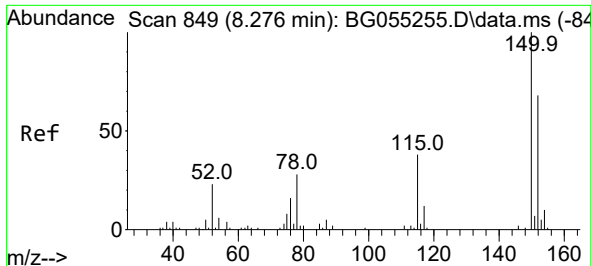
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103122\
Data File : BG055383.D
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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
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COMPOSITE-PILE-2

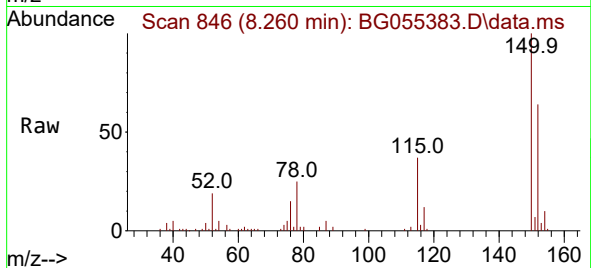
Quant Time: Nov 01 06:49:50 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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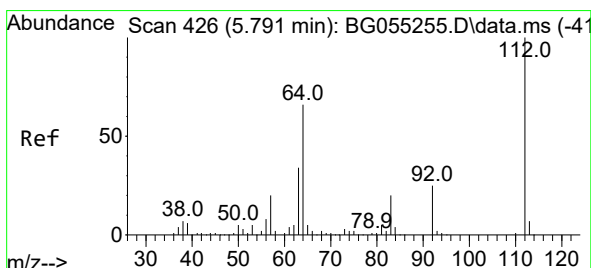
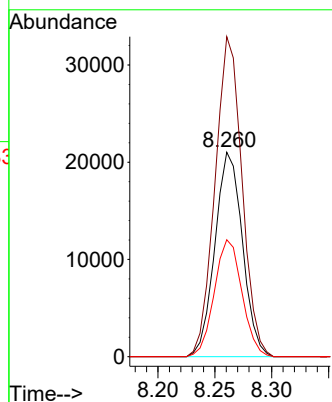
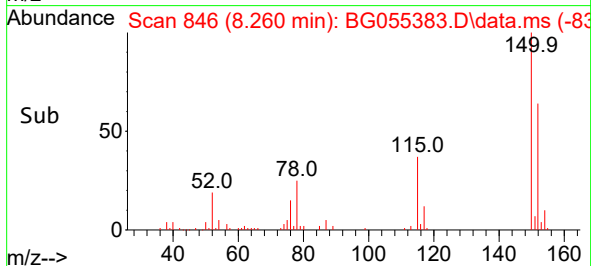


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.260 min Scan# 84
Delta R.T. -0.005 min
Lab File: BG055383.D
Acq: 31 Oct 2022 17:46

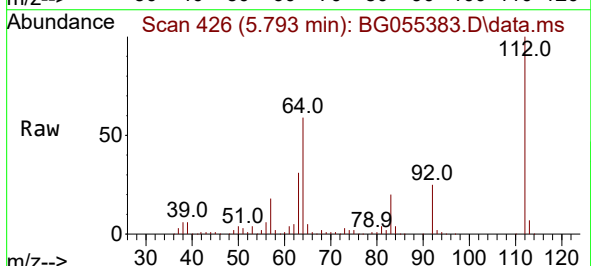
Instrument :
BNA_G
ClientSampleId :
COMPOSITE-PILE-2



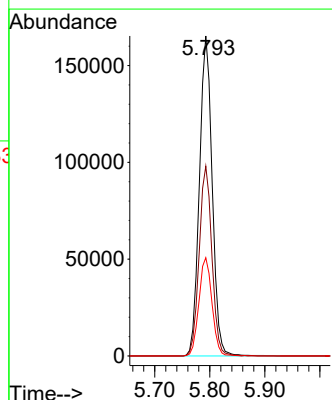
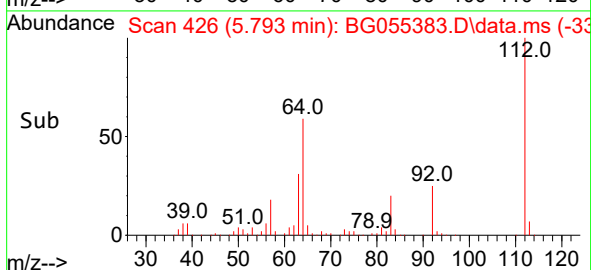
Tgt Ion:152 Resp: 35383
Ion Ratio Lower Upper
152 100
150 156.5 118.2 177.4
115 57.2 44.5 66.7



#5
2-Fluorophenol
Concen: 132.165 ng
RT: 5.793 min Scan# 426
Delta R.T. 0.007 min
Lab File: BG055383.D
Acq: 31 Oct 2022 17:46



Tgt Ion:112 Resp: 267075
Ion Ratio Lower Upper
112 100
64 59.3 52.6 78.8
63 30.7 27.1 40.7

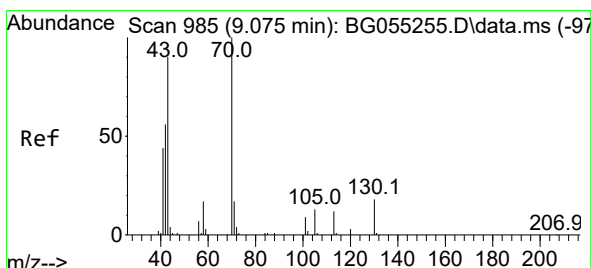
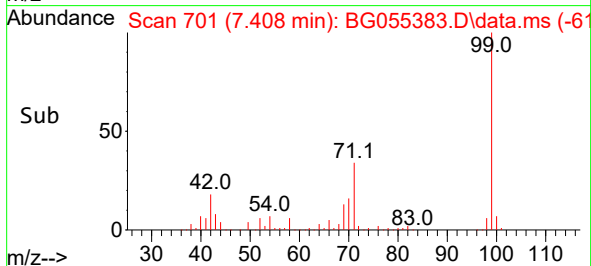
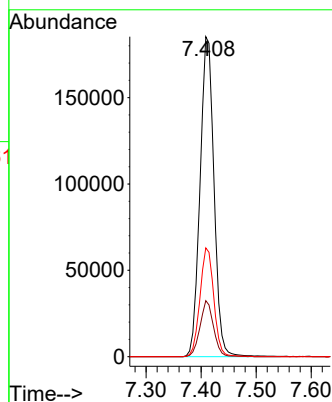
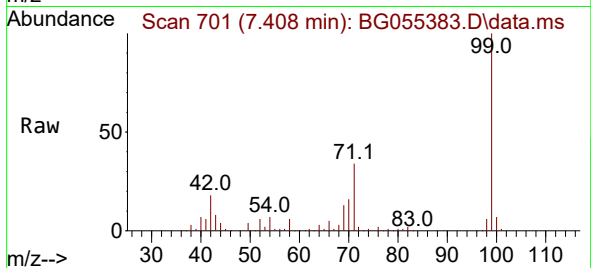




#7
Phenol-d6
Concen: 111.687 ng
RT: 7.408 min Scan# 70
Delta R.T. -0.004 min
Lab File: BG055383.D
Acq: 31 Oct 2022 17:46

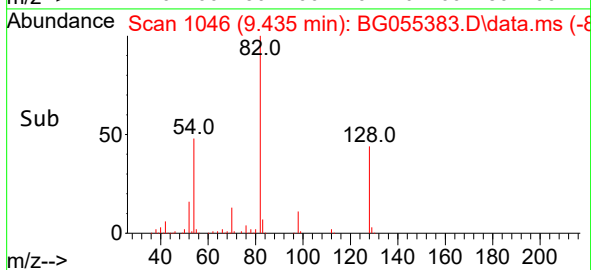
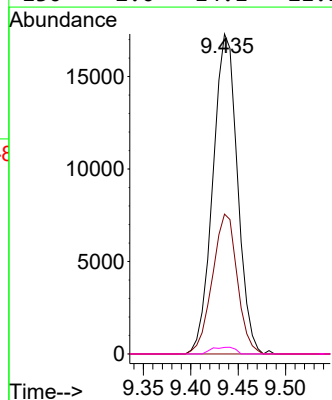
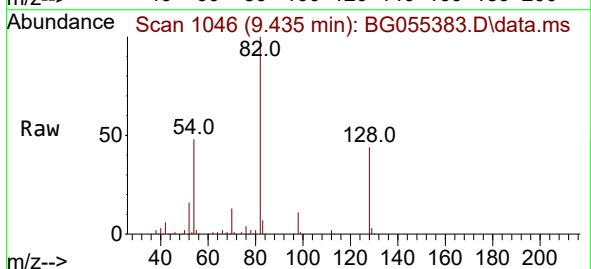
Instrument :
BNA_G
ClientSampleId :
COMPOSITE-PILE-2

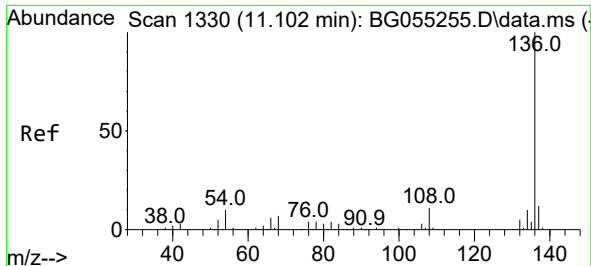
Tgt Ion: 99 Resp: 326978
Ion Ratio Lower Upper
99 100
42 17.5 15.2 22.8
71 34.0 26.2 39.4



#19
n-Nitroso-di-n-propylamine
Concen: 12.852 ng
RT: 9.435 min Scan# 1046
Delta R.T. 0.366 min
Lab File: BG055383.D
Acq: 31 Oct 2022 17:46

Tgt Ion: 70 Resp: 31246
Ion Ratio Lower Upper
70 100
42 43.7 45.8 68.6#
101 0.0 7.4 11.0#
130 2.0 14.1 21.1#

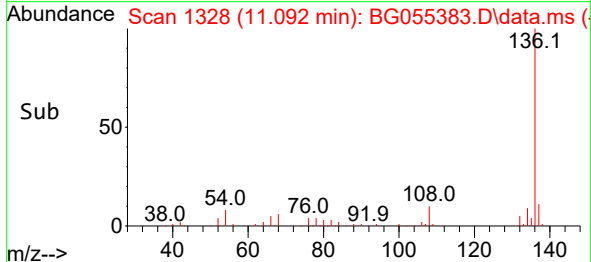
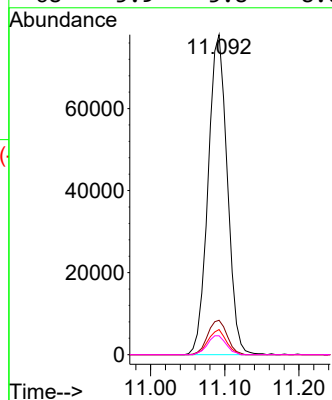
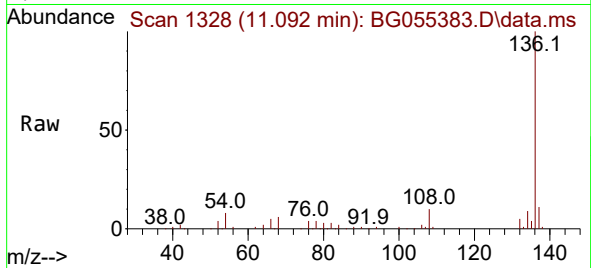




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.092 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG055383.D
Acq: 31 Oct 2022 17:46

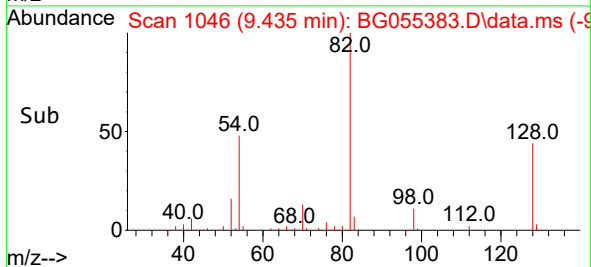
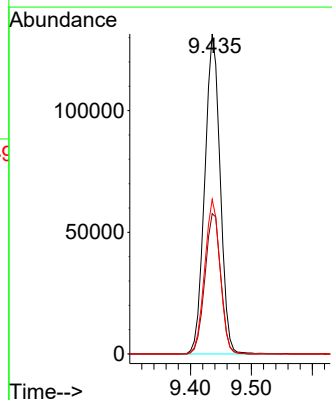
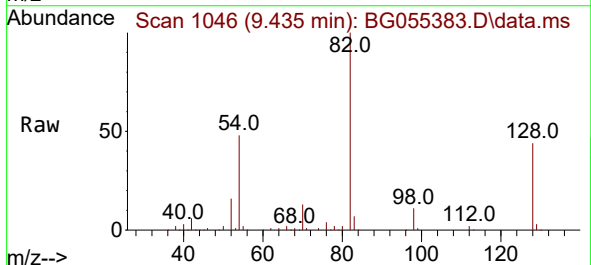
Instrument :
BNA_G
ClientSampleId :
COMPOSITE-PILE-2

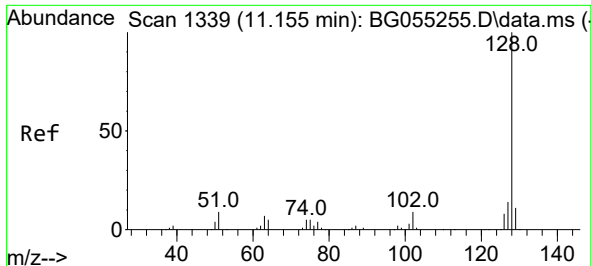
Tgt Ion:	136	Resp:	140115
Ion Ratio	Lower	Upper	
136	100		
137	10.8	9.2	13.8
54	7.9	7.8	11.8
68	5.9	5.8	8.6



#23
Nitrobenzene-d5
Concen: 84.284 ng
RT: 9.435 min Scan# 1046
Delta R.T. -0.004 min
Lab File: BG055383.D
Acq: 31 Oct 2022 17:46

Tgt Ion:	82	Resp:	231270
Ion Ratio	Lower	Upper	
82	100		
128	43.8	32.0	48.0
54	48.3	40.9	61.3

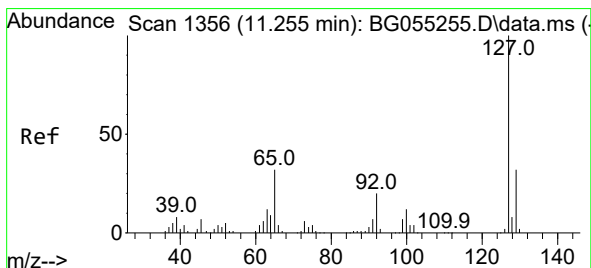
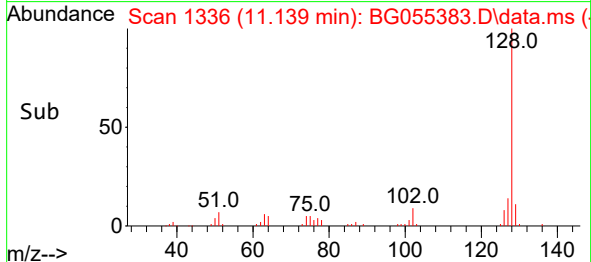
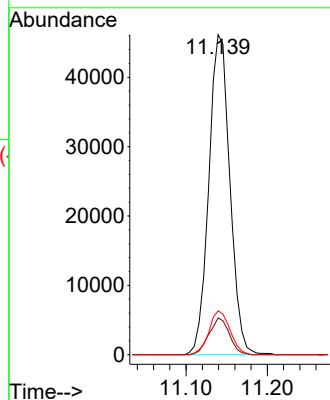
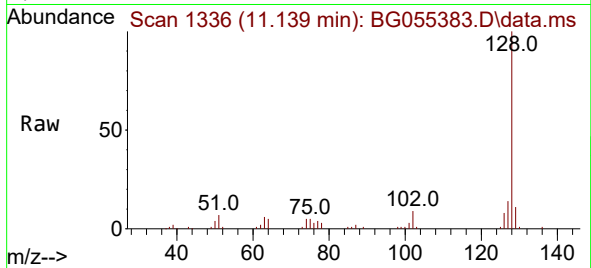




#31
Naphthalene
Concen: 11.118 ng
RT: 11.139 min Scan# 11
Delta R.T. -0.010 min
Lab File: BG055383.D
Acq: 31 Oct 2022 17:46

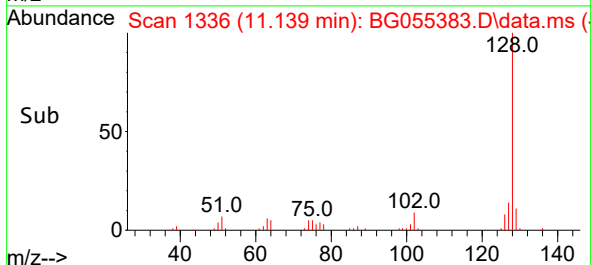
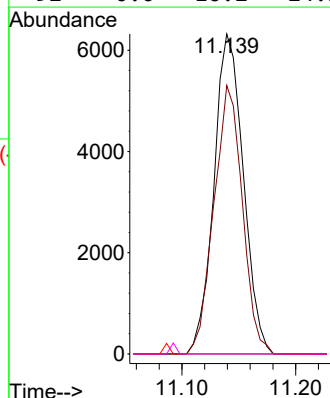
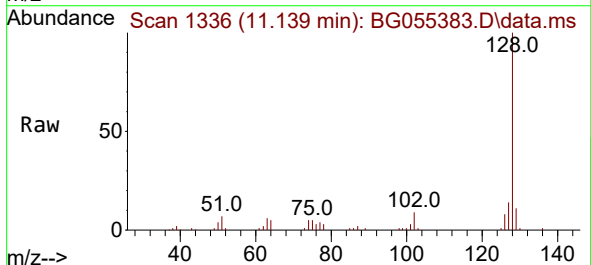
Instrument :
BNA_G
ClientSampleId :
COMPOSITE-PILE-2

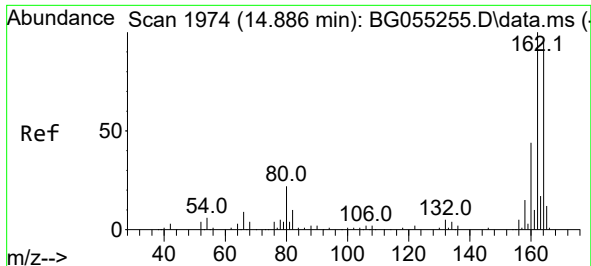
Tgt Ion:128 Resp: 83102
Ion Ratio Lower Upper
128 100
129 11.5 9.0 13.6
127 13.7 11.1 16.7



#33
4-Chloroaniline
Concen: 3.546 ng
RT: 11.139 min Scan# 1336
Delta R.T. -0.110 min
Lab File: BG055383.D
Acq: 31 Oct 2022 17:46

Tgt Ion:127 Resp: 11332
Ion Ratio Lower Upper
127 100
129 83.9 25.4 38.0#
65 0.0 25.5 38.3#
92 0.0 16.2 24.2#

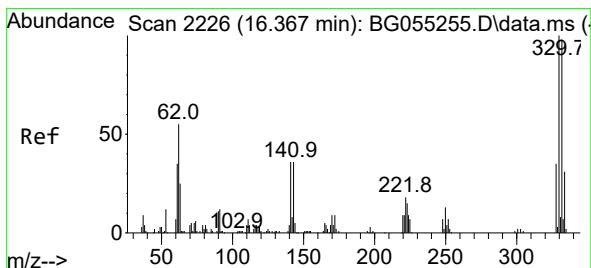
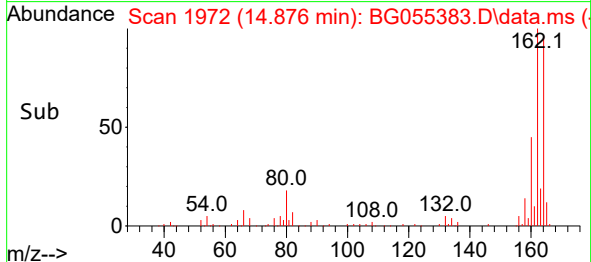
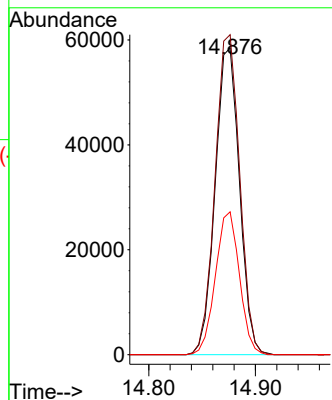
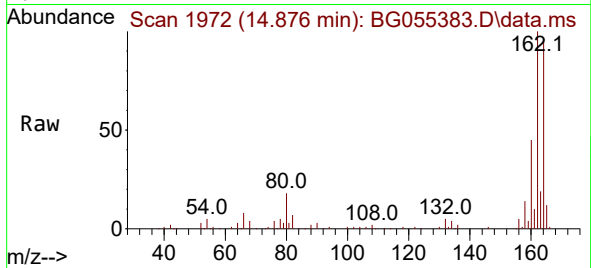




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.876 min Scan# 1974
Delta R.T. -0.004 min
Lab File: BG055383.D
Acq: 31 Oct 2022 17:46

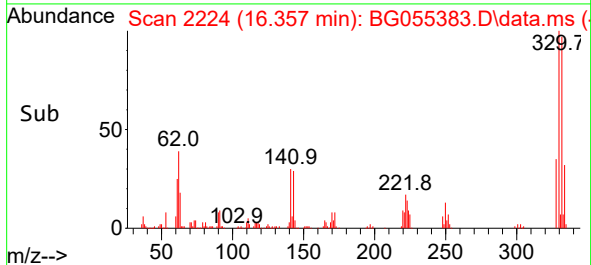
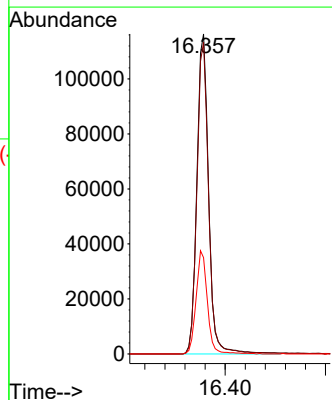
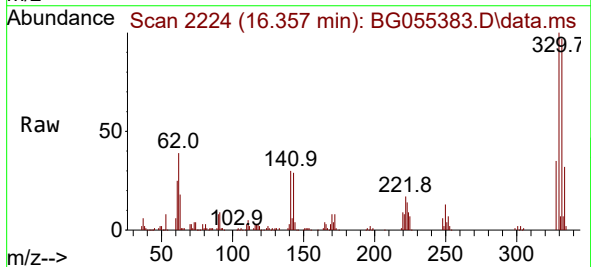
Instrument :
BNA_G
ClientSampleId :
COMPOSITE-PILE-2

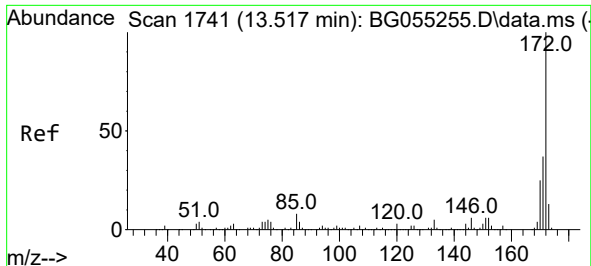
Tgt Ion:164 Resp: 92263
Ion Ratio Lower Upper
164 100
162 104.4 84.0 126.0
160 46.6 36.7 55.1



#42
2,4,6-Tribromophenol
Concen: 187.832 ng
RT: 16.357 min Scan# 2224
Delta R.T. -0.004 min
Lab File: BG055383.D
Acq: 31 Oct 2022 17:46

Tgt Ion:330 Resp: 188392
Ion Ratio Lower Upper
330 100
332 97.1 77.4 116.0
141 31.1 29.8 44.8

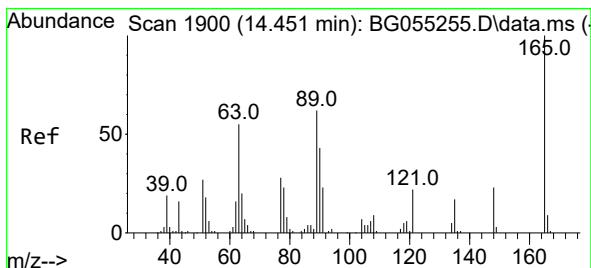
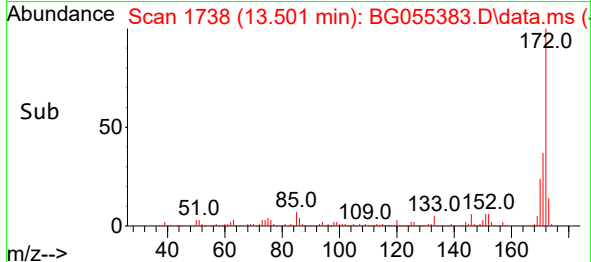
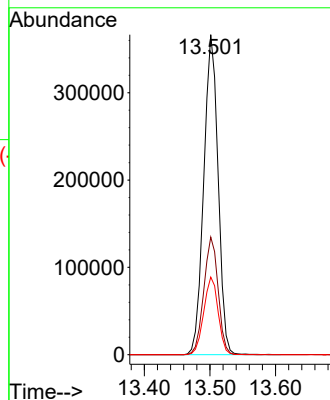
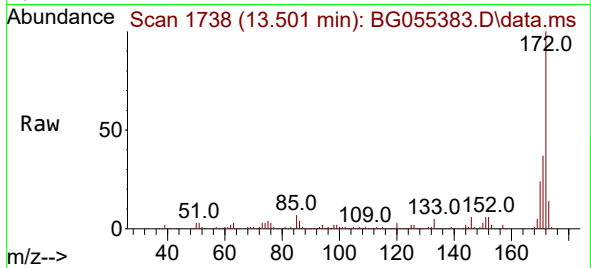




#45
2-Fluorobiphenyl
Concen: 98.958 ng
RT: 13.501 min Scan# 1
Delta R.T. -0.010 min
Lab File: BG055383.D
Acq: 31 Oct 2022 17:46

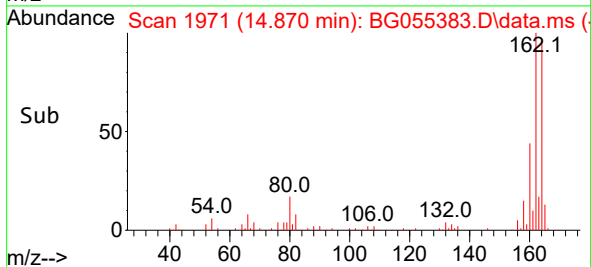
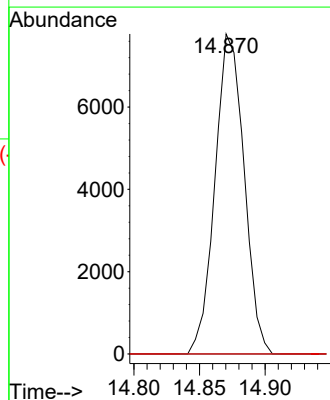
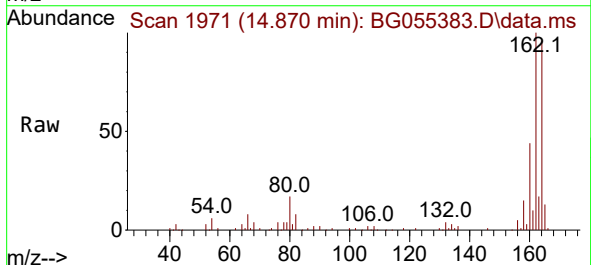
Instrument :
BNA_G
ClientSampleId :
COMPOSITE-PILE-2

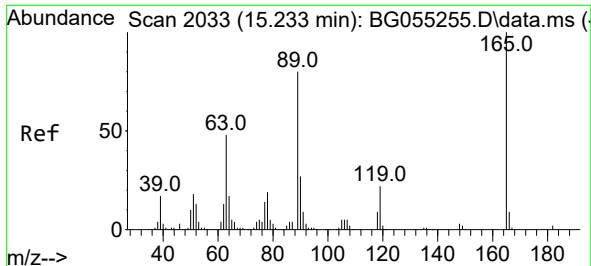
Tgt Ion:172 Resp: 557822
Ion Ratio Lower Upper
172 100
171 36.8 29.7 44.5
170 24.3 20.2 30.2



#51
2,6-Dinitrotoluene
Concen: 8.128 ng
RT: 14.870 min Scan# 1971
Delta R.T. 0.419 min
Lab File: BG055383.D
Acq: 31 Oct 2022 17:46

Tgt Ion:165 Resp: 11981
Ion Ratio Lower Upper
165 100
63 0.0 49.2 73.8#
89 0.0 49.9 74.9#





#57

2,4-Dinitrotoluene

Concen: 5.601 ng

RT: 14.870 min Scan# 1971

Delta R.T. -0.363 min

Lab File: BG055383.D

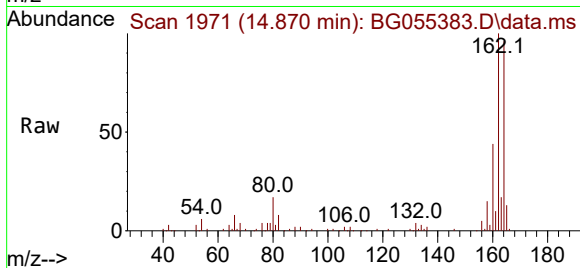
Acq: 31 Oct 2022 17:46

Instrument :

BNA_G

ClientSampleId :

COMPOSITE-PILE-2



Tgt Ion:165 Resp: 11981

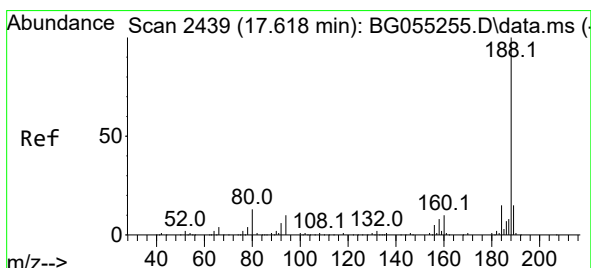
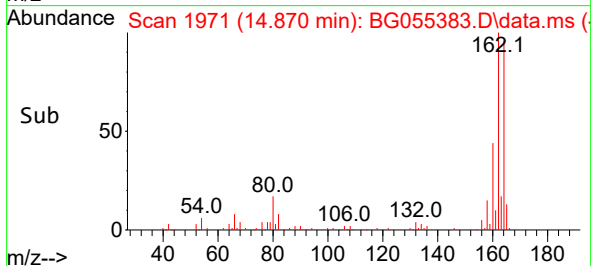
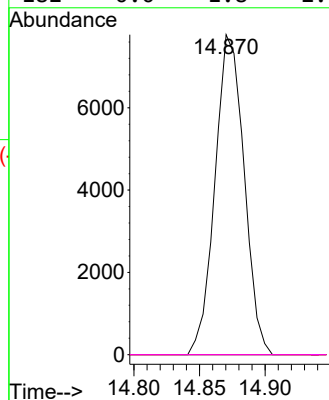
Ion Ratio Lower Upper

165 100

63 0.0 38.9 58.3#

89 0.0 64.2 96.4#

182 0.0 1.8 2.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.608 min Scan# 2437

Delta R.T. -0.004 min

Lab File: BG055383.D

Acq: 31 Oct 2022 17:46

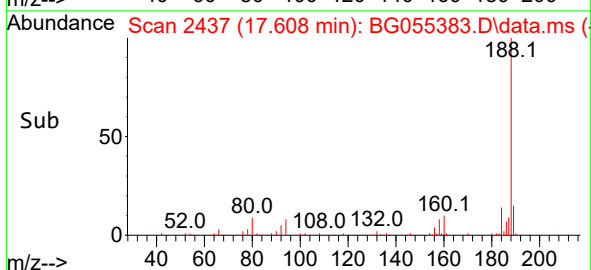
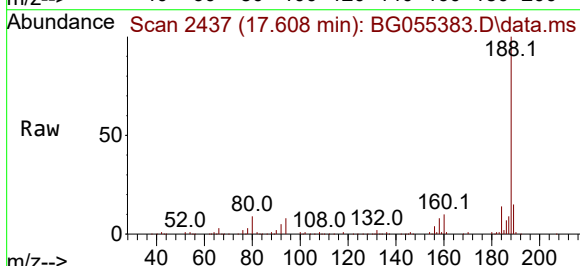
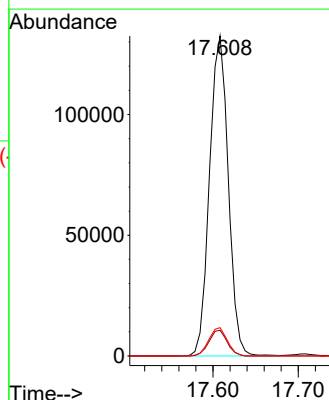
Tgt Ion:188 Resp: 202350

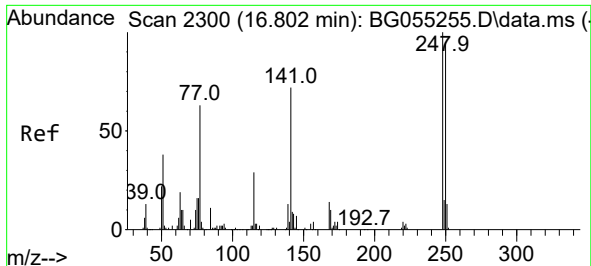
Ion Ratio Lower Upper

188 100

94 8.1 8.2 12.4#

80 8.9 10.1 15.1#

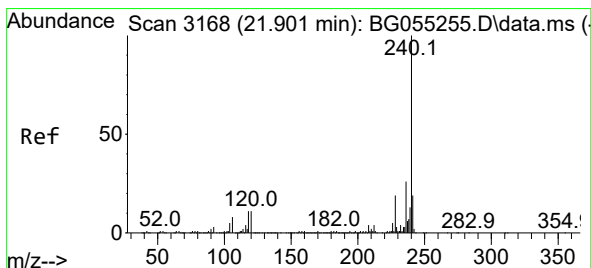
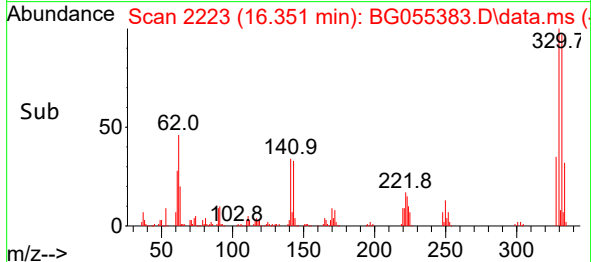
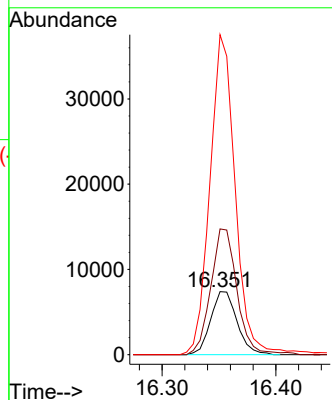
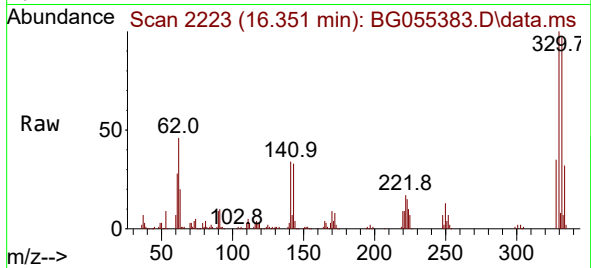




#67
4-Bromophenyl-phenylether
Concen: 6.047 ng
RT: 16.351 min Scan# 211
Delta R.T. -0.445 min
Lab File: BG055383.D
Acq: 31 Oct 2022 17:46

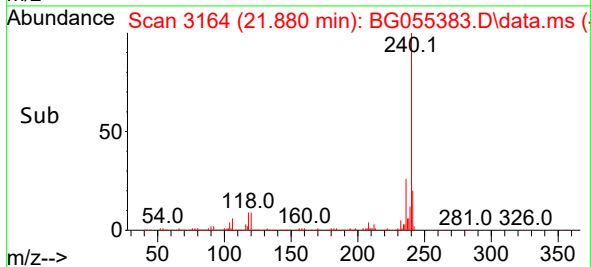
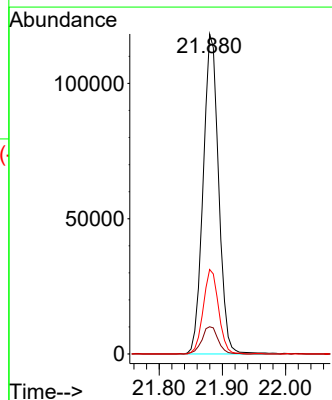
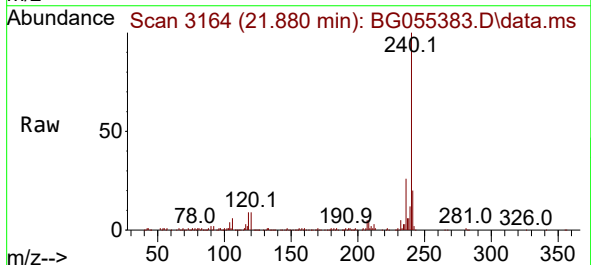
Instrument :
BNA_G
ClientSampleId :
COMPOSITE-PILE-2

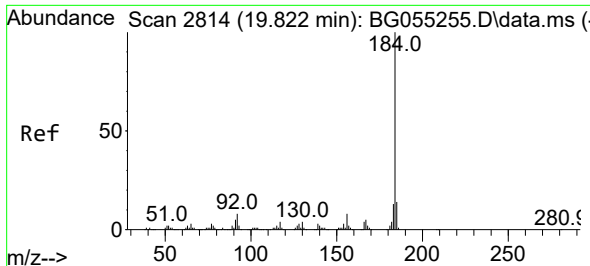
Tgt Ion:248 Resp: 11888
Ion Ratio Lower Upper
248 100
250 199.5 76.0 114.0#
141 507.4 58.0 87.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.880 min Scan# 3164
Delta R.T. -0.010 min
Lab File: BG055383.D
Acq: 31 Oct 2022 17:46

Tgt Ion:240 Resp: 200519
Ion Ratio Lower Upper
240 100
120 8.5 8.9 13.3#
236 26.4 21.0 31.4

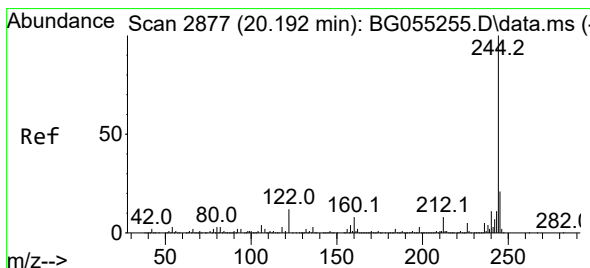
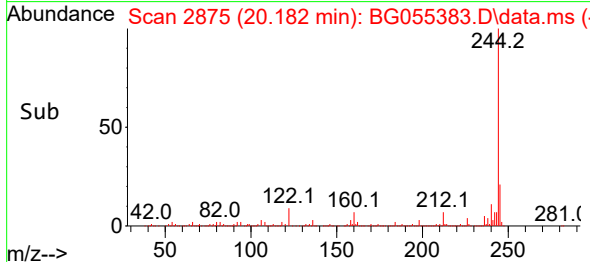
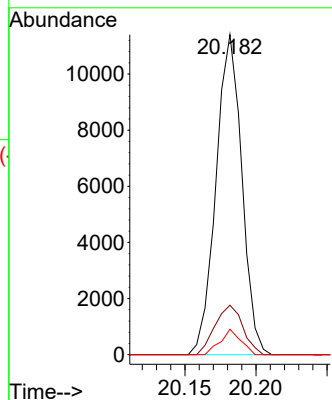
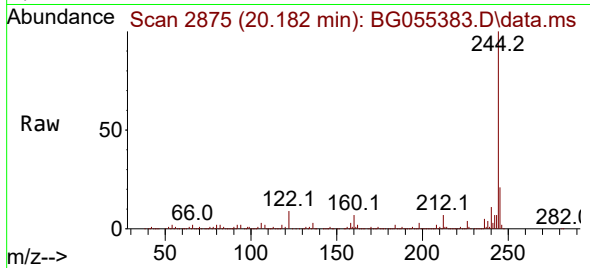




#77
Benzidine
Concen: 2.967 ng
RT: 20.182 min Scan# 2875
Delta R.T. 0.366 min
Lab File: BG055383.D
Acq: 31 Oct 2022 17:46

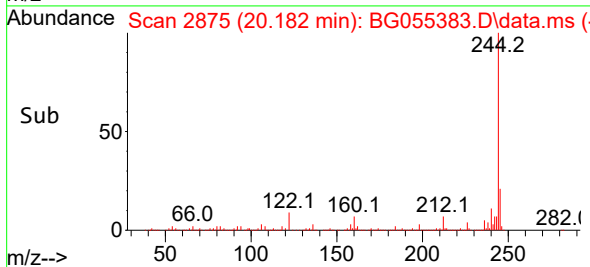
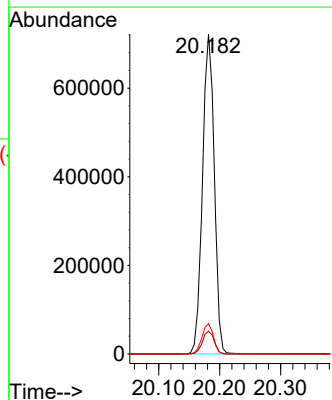
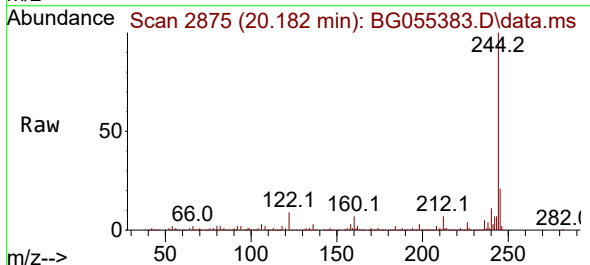
Instrument :
BNA_G
ClientSampleId :
COMPOSITE-PILE-2

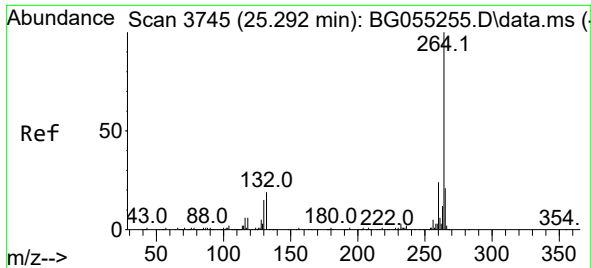
Tgt Ion:184 Resp: 14404
Ion Ratio Lower Upper
184 100
185 15.4 11.0 16.6
183 7.9 10.0 15.0#



#79
Terphenyl-d14
Concen: 100.663 ng
RT: 20.182 min Scan# 2875
Delta R.T. -0.004 min
Lab File: BG055383.D
Acq: 31 Oct 2022 17:46

Tgt Ion:244 Resp: 971509
Ion Ratio Lower Upper
244 100
212 7.1 6.0 9.0
122 9.5 9.6 14.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.276 min Scan# 31
Delta R.T. -0.010 min
Lab File: BG055383.D
Acq: 31 Oct 2022 17:46

Instrument :
BNA_G
ClientSampleId :
COMPOSITE-PILE-2

Tgt Ion:264 Resp: 215904
Ion Ratio Lower Upper
264 100
260 23.6 19.5 29.3
265 21.2 17.4 26.2

