

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102722\
 Data File : BG055325.D
 Acq On : 27 Oct 2022 15:53
 Operator : CG/JU
 Sample : N5222-16DL2 40X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-14DL2

Quant Time: Oct 27 17:07:59 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 24 16:54:05 2022
 Response via : Initial Calibration

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

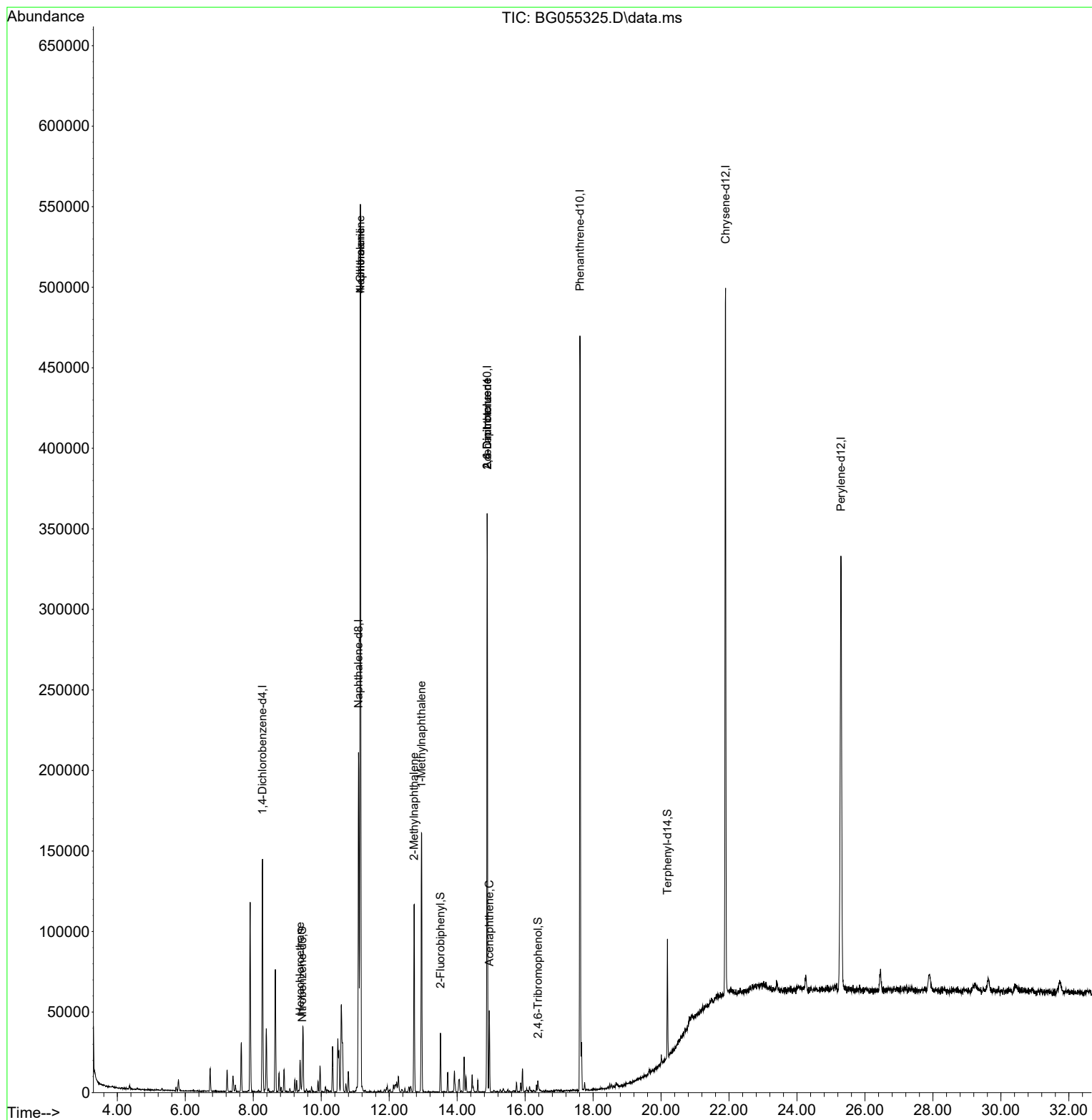
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.271	152	42571	20.000	ng	0.00
21) Naphthalene-d8	11.097	136	179749	20.000	ng	0.00
39) Acenaphthene-d10	14.881	164	124238	20.000	ng	0.00
64) Phenanthrene-d10	17.613	188	293663	20.000	ng	0.00
76) Chrysene-d12	21.896	240	278863	20.000	ng	0.00
86) Perylene-d12	25.292	264	293886	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.797	112	3944	1.622	ng	0.00
7) Phenol-d6	7.413	99	2960	0.840	ng	0.00
23) Nitrobenzene-d5	9.440	82	7991	2.270	ng	0.00
42) 2,4,6-Tribromophenol	16.379	330	3502	2.593	ng	0.01
45) 2-Fluorobiphenyl	13.506	172	19844	2.614	ng	-0.01
79) Terphenyl-d14	20.186	244	35154	2.619	ng	0.00
Target Compounds						
						Qvalue
18) Hexachloroethane	9.375	117	2276	2.029	ng	# 1
31) Naphthalene	11.150	128	473023	49.330	ng	100
33) 4-Chloroaniline	11.150	127	64511	15.736	ng	# 33
37) 2-Methylnaphthalene	12.730	142	57915	8.377	ng	99
38) 1-Methylnaphthalene	12.948	142	76935	11.280	ng	100
51) 2,6-Dinitrotoluene	14.881	165	16464	8.295	ng	# 20
52) Acenaphthene	14.945	154	17683	2.392	ng	94
57) 2,4-Dinitrotoluene	14.881	165	16464	5.716	ng	# 19

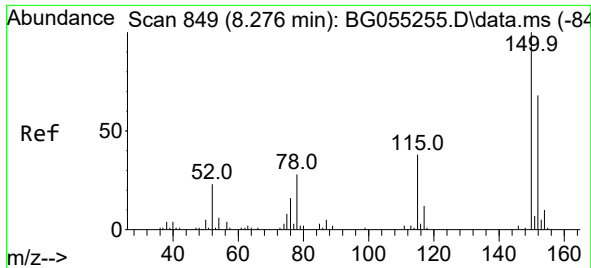
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 27 17:07:59 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 24 16:54:05 2022
Response via : Initial Calibration

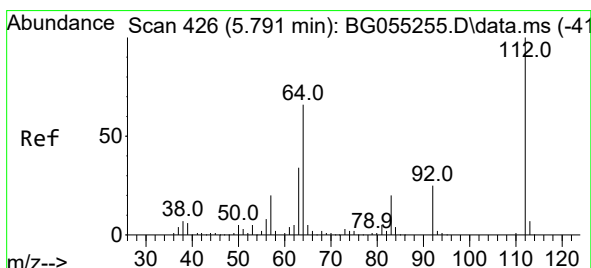
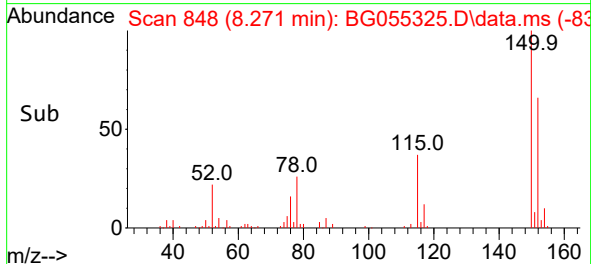
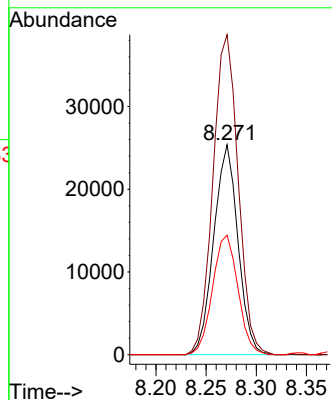
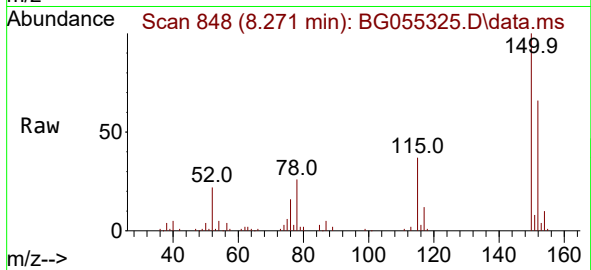




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.271 min Scan# 84
Delta R.T. -0.005 min
Lab File: BG055325.D
Acq: 27 Oct 2022 15:53

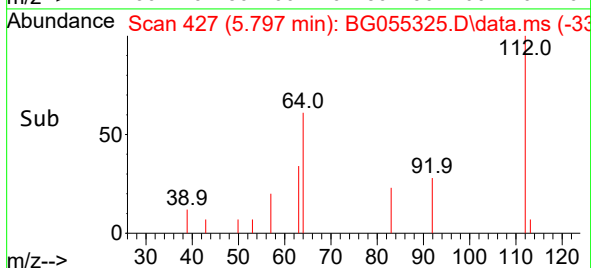
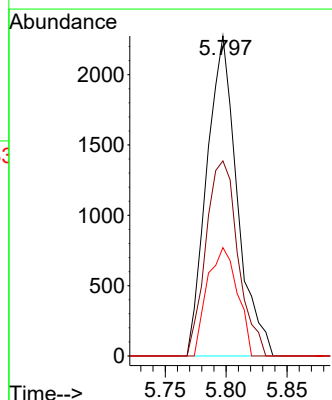
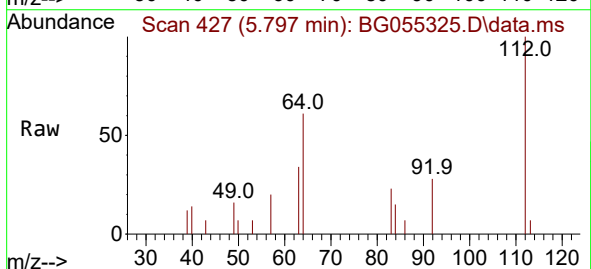
Instrument :
BNA_G
ClientSampleId :
MW-14DL2

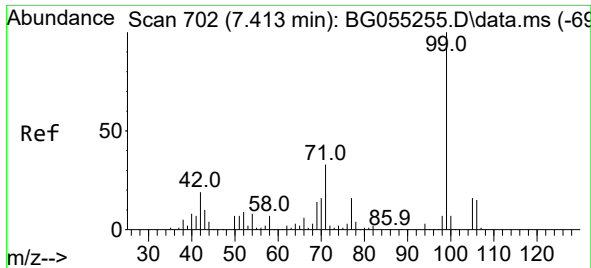
Tgt Ion:152 Resp: 42571
Ion Ratio Lower Upper
152 100
150 152.4 118.2 177.4
115 56.9 44.5 66.7



#5
2-Fluorophenol
Concen: 1.622 ng
RT: 5.797 min Scan# 427
Delta R.T. 0.006 min
Lab File: BG055325.D
Acq: 27 Oct 2022 15:53

Tgt Ion:112 Resp: 3944
Ion Ratio Lower Upper
112 100
64 61.0 52.6 78.8
63 33.8 27.1 40.7

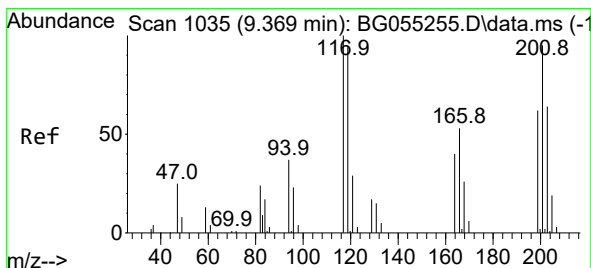
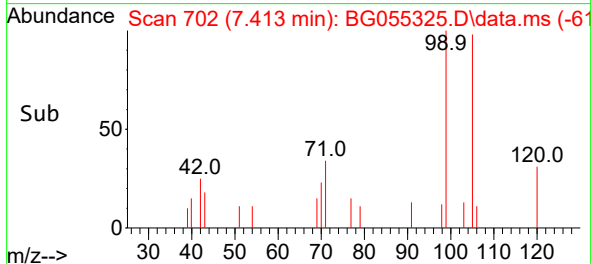
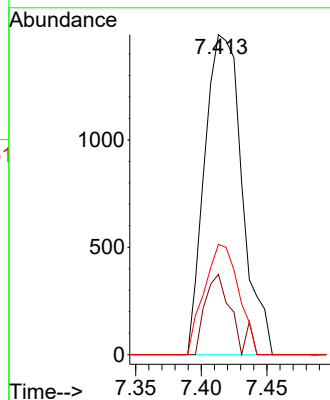
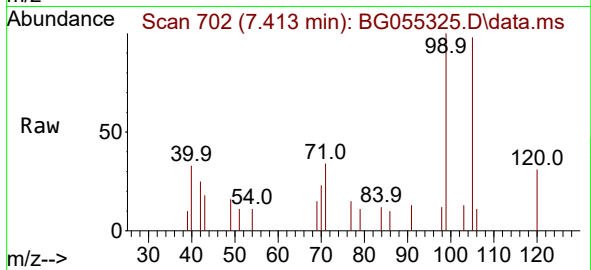




#7
Phenol-d6
Concen: 0.840 ng
RT: 7.413 min Scan# 702
Delta R.T. 0.000 min
Lab File: BG055325.D
Acq: 27 Oct 2022 15:53

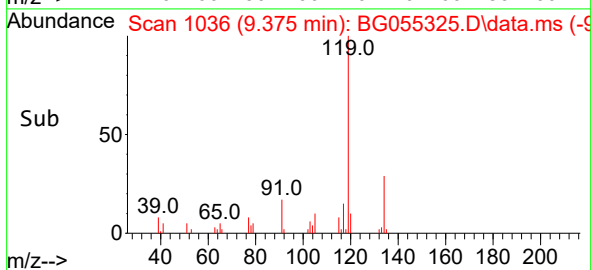
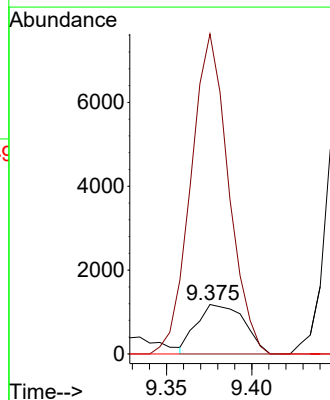
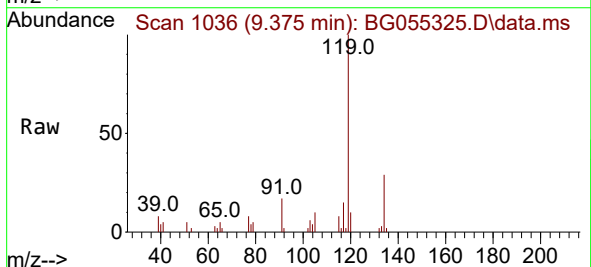
Instrument :
BNA_G
ClientSampleId :
MW-14DL2

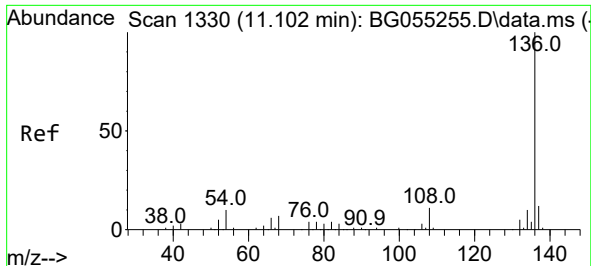
Tgt Ion: 99 Resp: 2960
Ion Ratio Lower Upper
99 100
42 25.1 15.2 22.8#
71 34.4 26.2 39.4



#18
Hexachloroethane
Concen: 2.029 ng
RT: 9.375 min Scan# 1036
Delta R.T. 0.006 min
Lab File: BG055325.D
Acq: 27 Oct 2022 15:53

Tgt Ion: 117 Resp: 2276
Ion Ratio Lower Upper
117 100
119 647.3 75.4 113.2#
201 0.0 75.8 113.8#

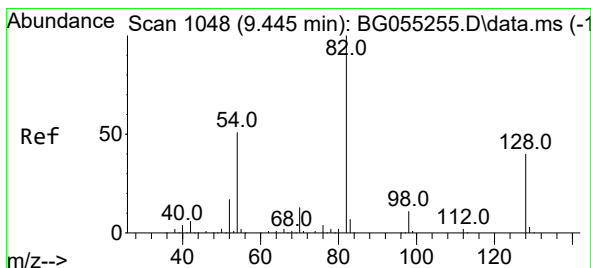
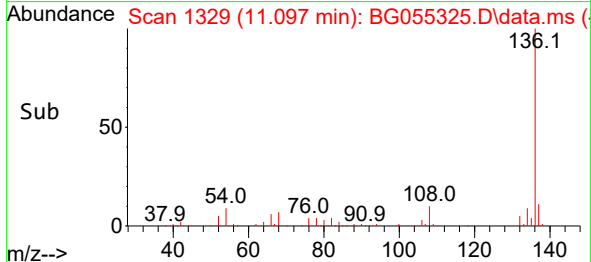
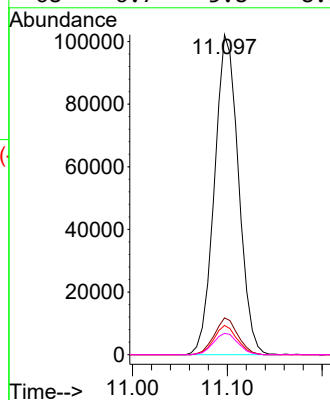
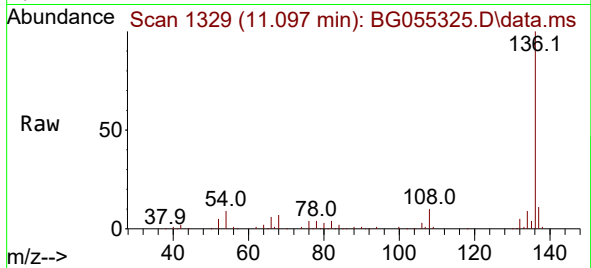




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.097 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG055325.D
Acq: 27 Oct 2022 15:53

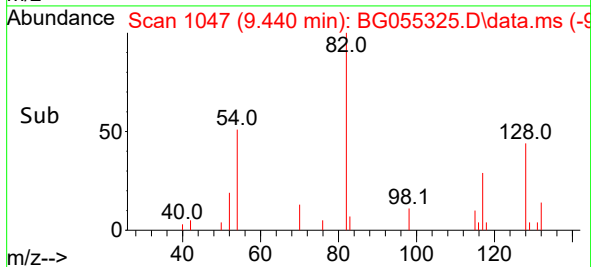
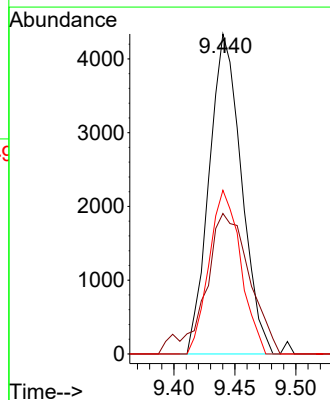
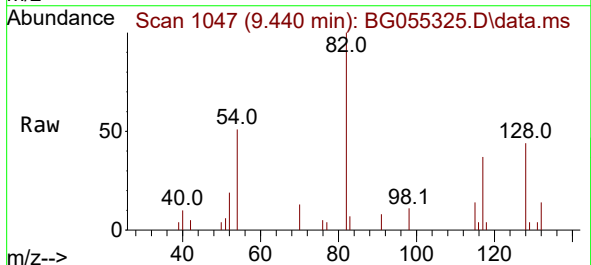
Instrument :
BNA_G
ClientSampleId :
MW-14DL2

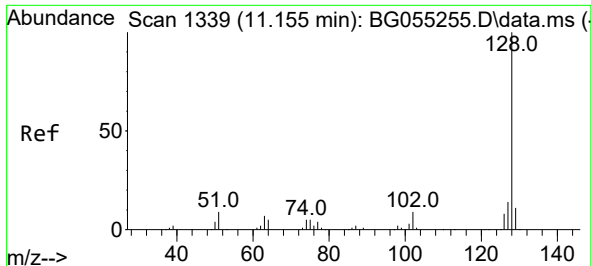
Tgt Ion:	136	Resp:	179749
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.2	13.8
54	9.1	7.8	11.8
68	6.7	5.8	8.6



#23
Nitrobenzene-d5
Concen: 2.270 ng
RT: 9.440 min Scan# 1047
Delta R.T. -0.005 min
Lab File: BG055325.D
Acq: 27 Oct 2022 15:53

Tgt Ion:	82	Resp:	7991
Ion	Ratio	Lower	Upper
82	100		
128	43.9	32.0	48.0
54	51.1	40.9	61.3

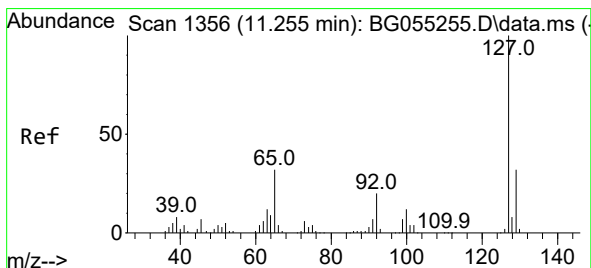
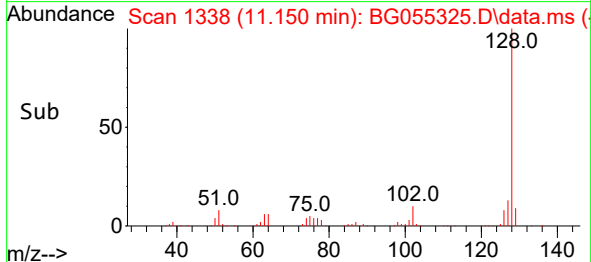
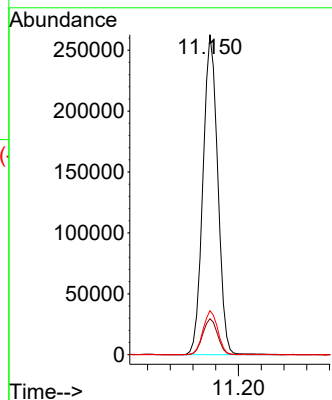
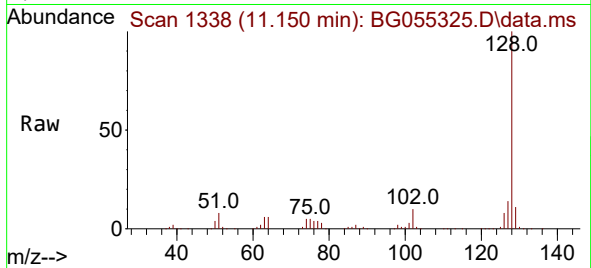




#31
Naphthalene
Concen: 49.330 ng
RT: 11.150 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG055325.D
Acq: 27 Oct 2022 15:53

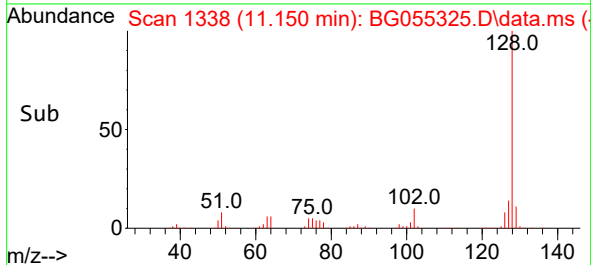
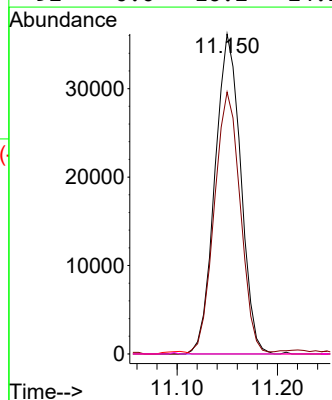
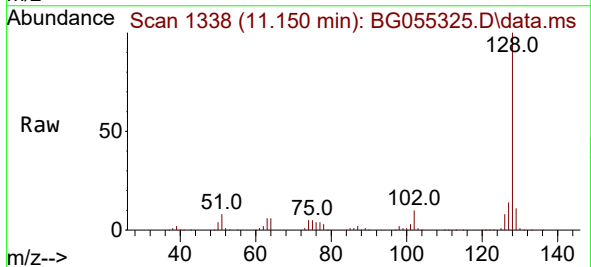
Instrument :
BNA_G
ClientSampleId :
MW-14DL2

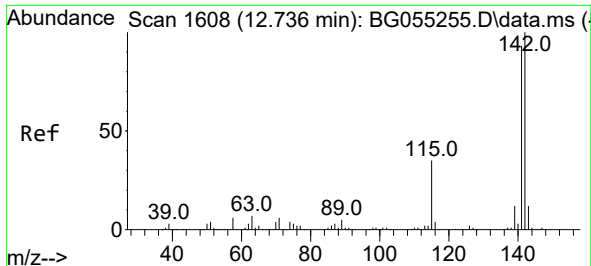
Tgt Ion:128 Resp: 473023
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 13.8 11.1 16.7



#33
4-Chloroaniline
Concen: 15.736 ng
RT: 11.150 min Scan# 1338
Delta R.T. -0.105 min
Lab File: BG055325.D
Acq: 27 Oct 2022 15:53

Tgt Ion:127 Resp: 64511
Ion Ratio Lower Upper
127 100
129 81.9 25.4 38.0#
65 0.0 25.5 38.3#
92 0.0 16.2 24.2#





#37

2-Methylnaphthalene

Concen: 8.377 ng

RT: 12.730 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG055325.D

Acq: 27 Oct 2022 15:53

Instrument :

BNA_G

ClientSampleId :

MW-14DL2

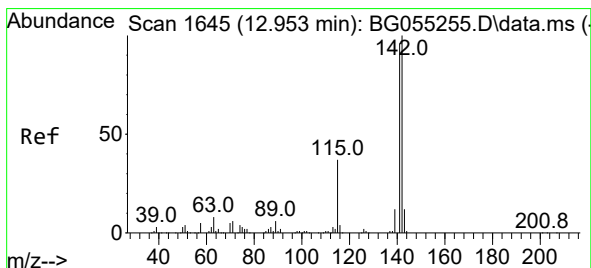
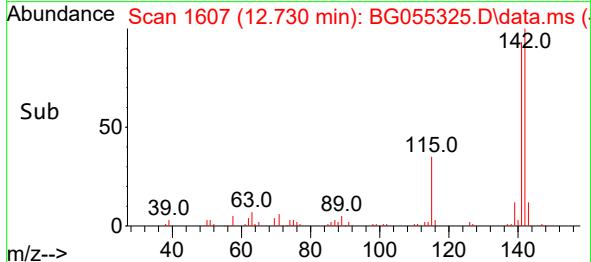
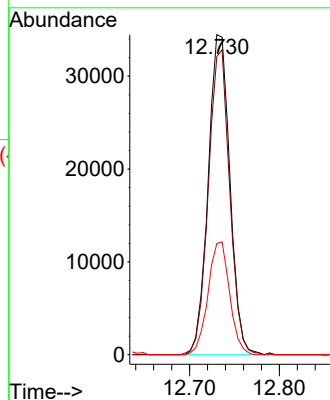
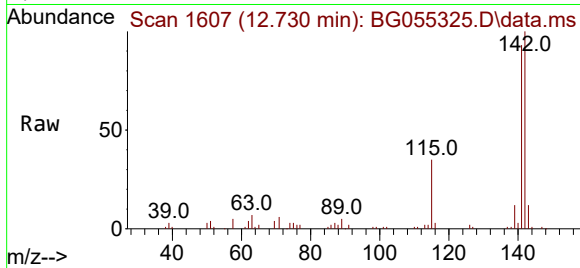
Tgt Ion:142 Resp: 57915

Ion Ratio Lower Upper

142 100

141 93.1 74.0 111.0

115 34.7 28.3 42.5



#38

1-Methylnaphthalene

Concen: 11.280 ng

RT: 12.948 min Scan# 1644

Delta R.T. -0.005 min

Lab File: BG055325.D

Acq: 27 Oct 2022 15:53

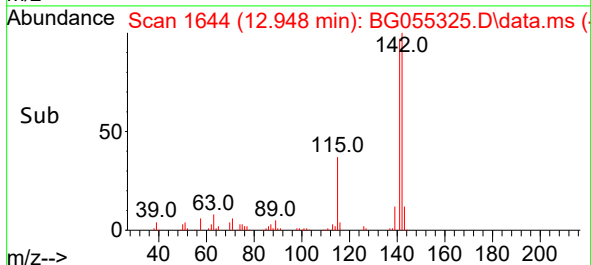
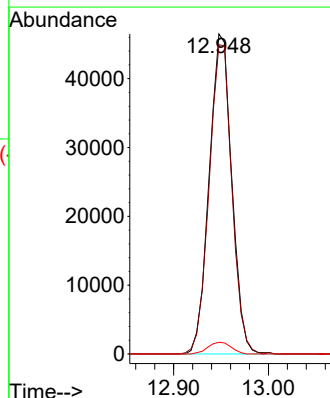
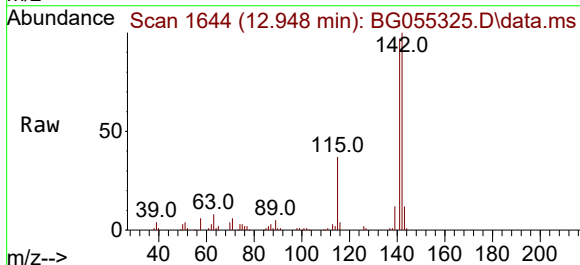
Tgt Ion:142 Resp: 76935

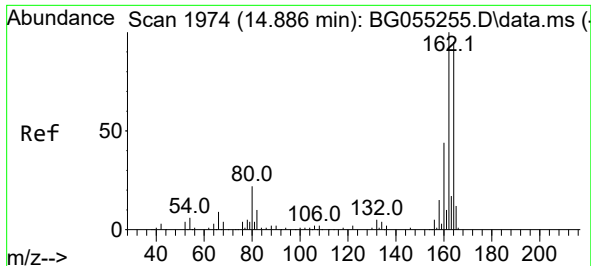
Ion Ratio Lower Upper

142 100

141 96.6 77.1 115.7

116 3.6 3.0 4.6

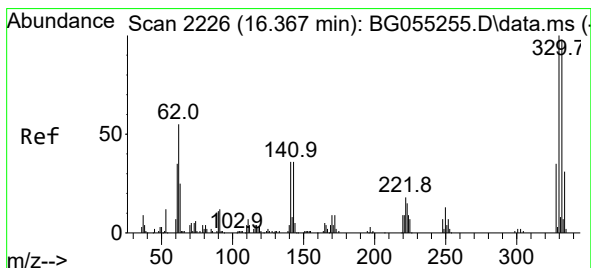
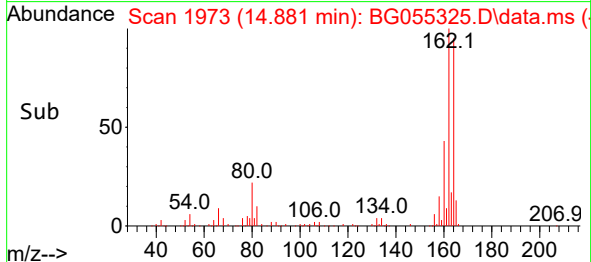
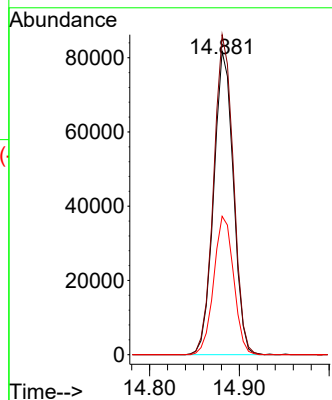
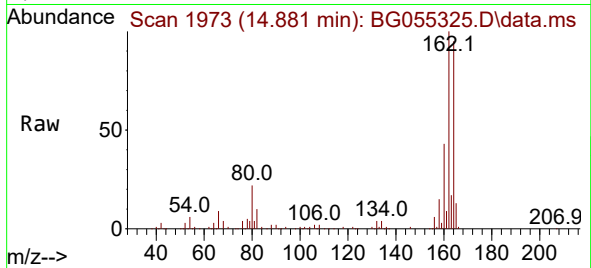




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.881 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG055325.D
Acq: 27 Oct 2022 15:53

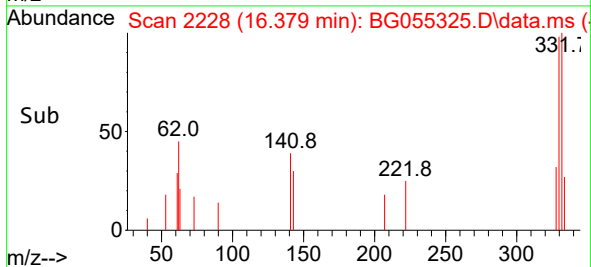
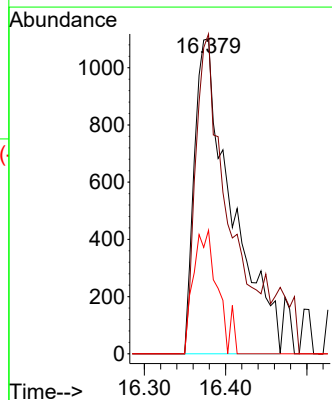
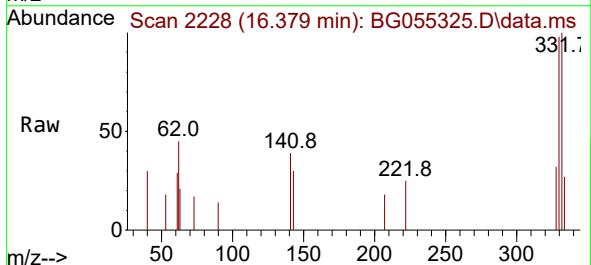
Instrument :
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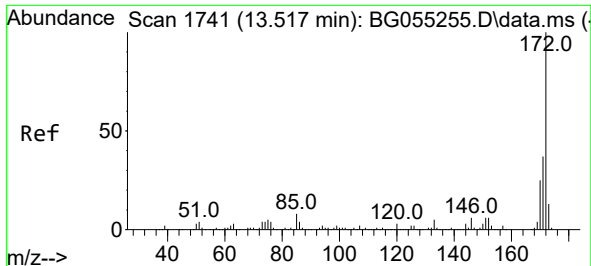
Tgt Ion:164 Resp: 124238
Ion Ratio Lower Upper
164 100
162 105.5 84.0 126.0
160 45.7 36.7 55.1



#42
2,4,6-Tribromophenol
Concen: 2.593 ng
RT: 16.379 min Scan# 2228
Delta R.T. 0.012 min
Lab File: BG055325.D
Acq: 27 Oct 2022 15:53

Tgt Ion:330 Resp: 3502
Ion Ratio Lower Upper
330 100
332 85.6 77.4 116.0
141 25.7 29.8 44.8#

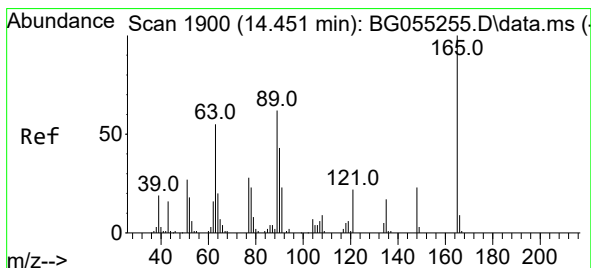
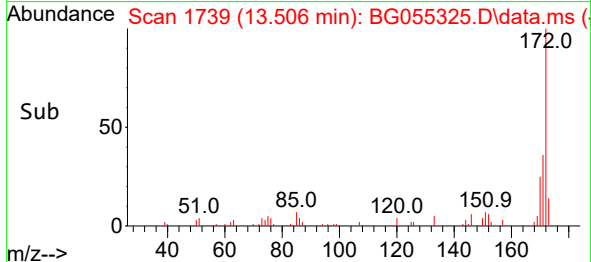
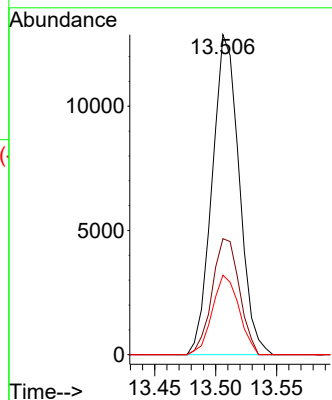
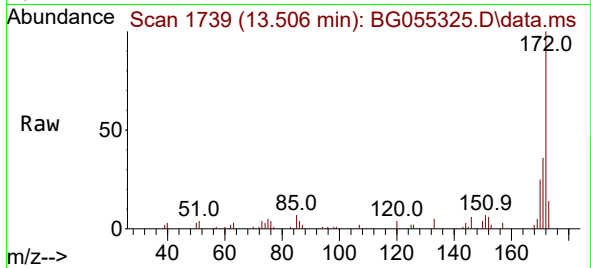




#45
2-Fluorobiphenyl
Concen: 2.614 ng
RT: 13.506 min Scan# 1
Delta R.T. -0.011 min
Lab File: BG055325.D
Acq: 27 Oct 2022 15:53

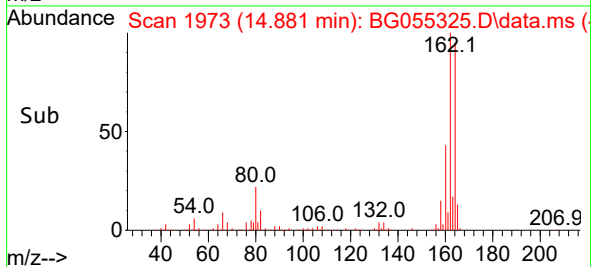
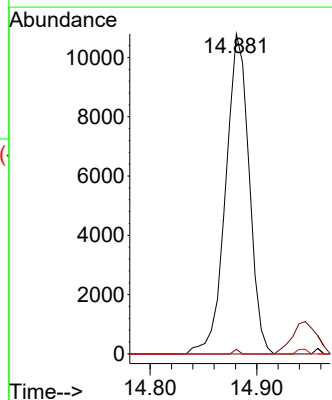
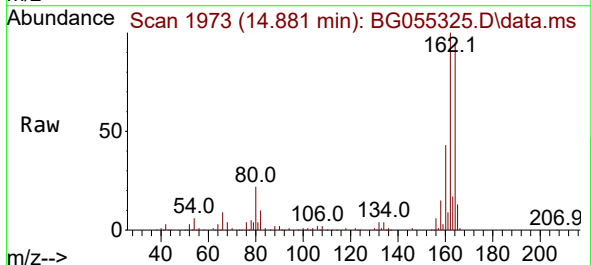
Instrument :
BNA_G
ClientSampleId :
MW-14DL2

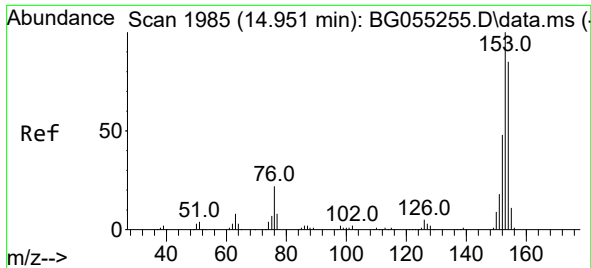
Tgt Ion:172 Resp: 19844
Ion Ratio Lower Upper
172 100
171 36.2 29.7 44.5
170 24.8 20.2 30.2



#51
2,6-Dinitrotoluene
Concen: 8.295 ng
RT: 14.881 min Scan# 1973
Delta R.T. 0.429 min
Lab File: BG055325.D
Acq: 27 Oct 2022 15:53

Tgt Ion:165 Resp: 16464
Ion Ratio Lower Upper
165 100
63 1.4 49.2 73.8#
89 0.0 49.9 74.9#

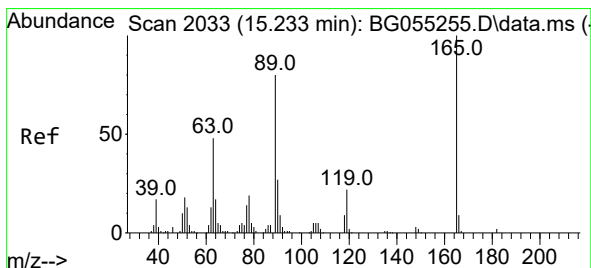
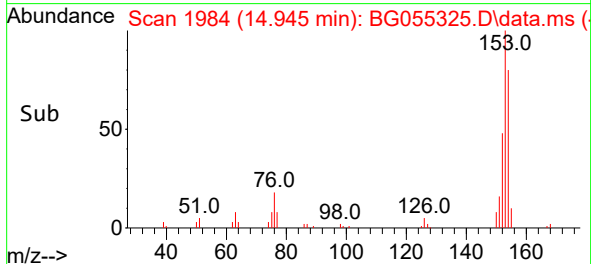
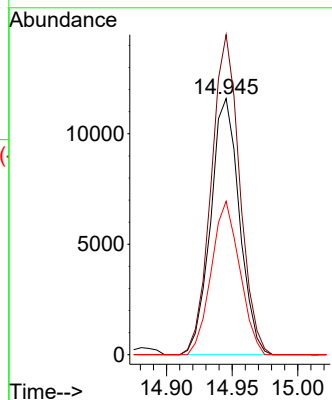
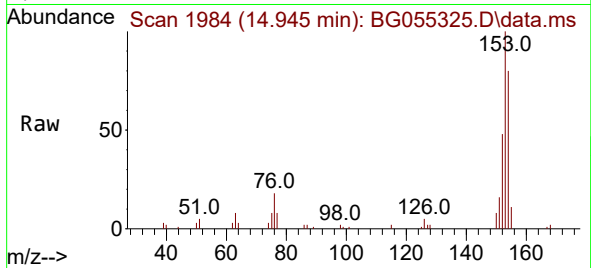




#52
Acenaphthene
Concen: 2.392 ng
RT: 14.945 min Scan# 1984
Delta R.T. -0.005 min
Lab File: BG055325.D
Acq: 27 Oct 2022 15:53

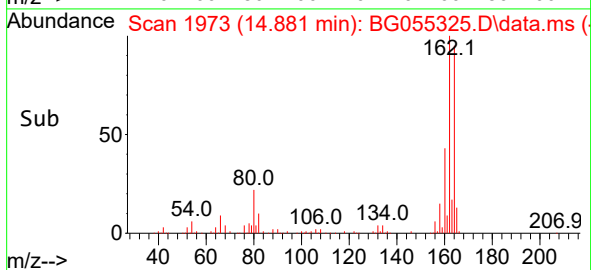
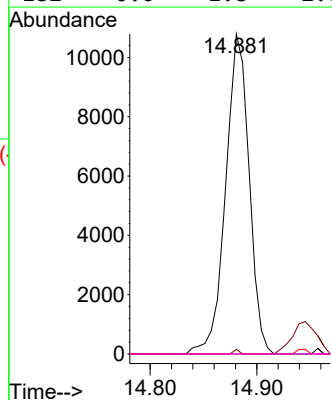
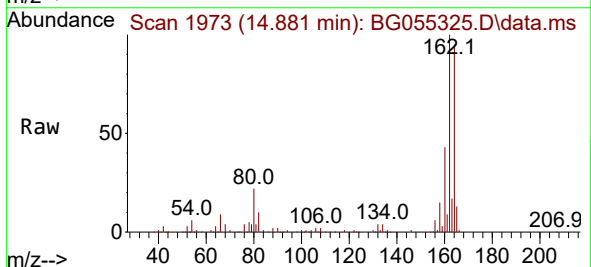
Instrument :
BNA_G
ClientSampleId :
MW-14DL2

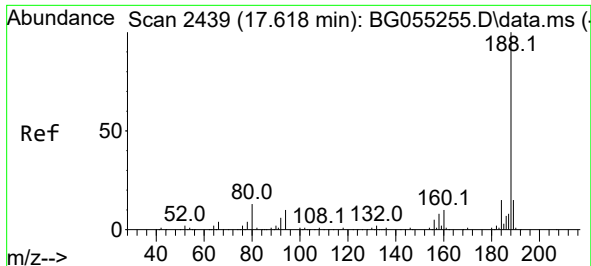
Tgt Ion:154 Resp: 17683
Ion Ratio Lower Upper
154 100
153 124.9 94.3 141.5
152 59.9 45.3 67.9



#57
2,4-Dinitrotoluene
Concen: 5.716 ng
RT: 14.881 min Scan# 1973
Delta R.T. -0.352 min
Lab File: BG055325.D
Acq: 27 Oct 2022 15:53

Tgt Ion:165 Resp: 16464
Ion Ratio Lower Upper
165 100
63 1.4 38.9 58.3#
89 0.0 64.2 96.4#
182 0.0 1.8 2.6#

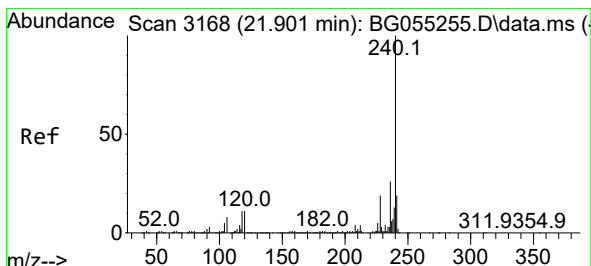
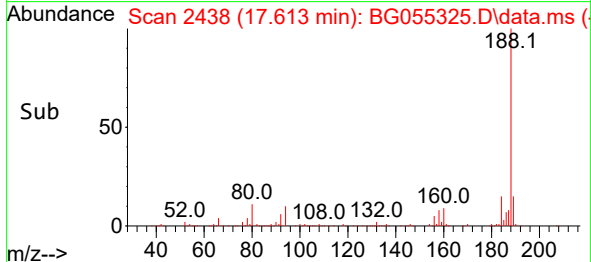
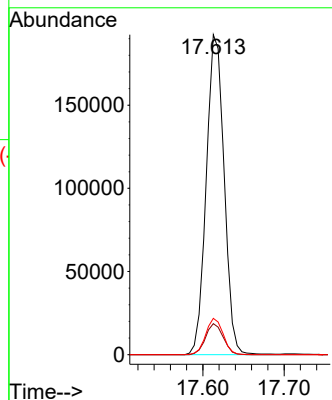
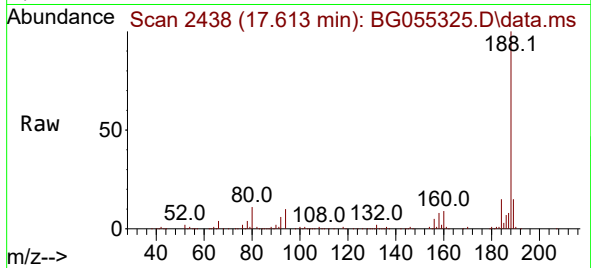




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.613 min Scan# 2438
Delta R.T. -0.005 min
Lab File: BG055325.D
Acq: 27 Oct 2022 15:53

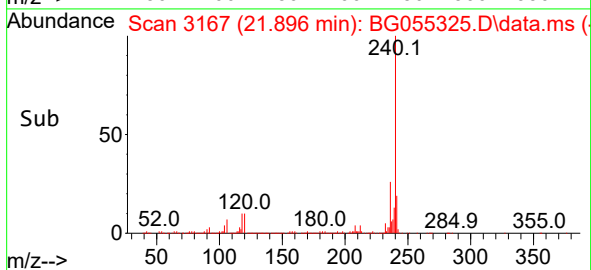
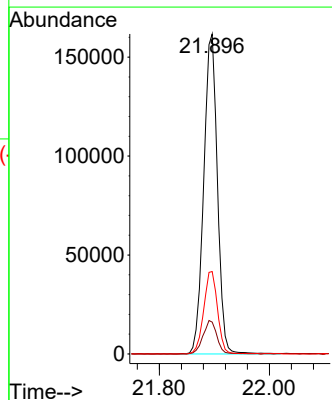
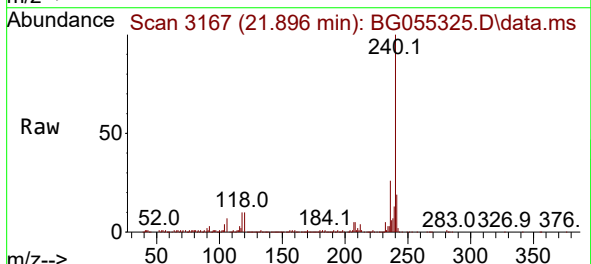
Instrument :
BNA_G
ClientSampleId :
MW-14DL2

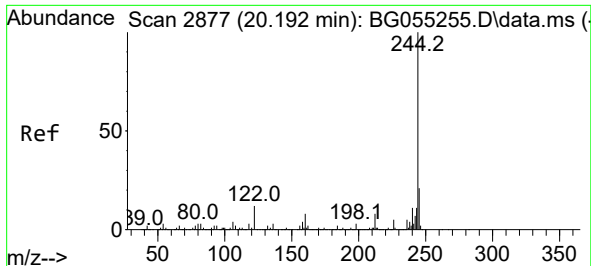
Tgt Ion:188 Resp: 293663
Ion Ratio Lower Upper
188 100
94 9.7 8.2 12.4
80 11.4 10.1 15.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.896 min Scan# 3167
Delta R.T. -0.005 min
Lab File: BG055325.D
Acq: 27 Oct 2022 15:53

Tgt Ion:240 Resp: 278863
Ion Ratio Lower Upper
240 100
120 10.0 8.9 13.3
236 25.8 21.0 31.4

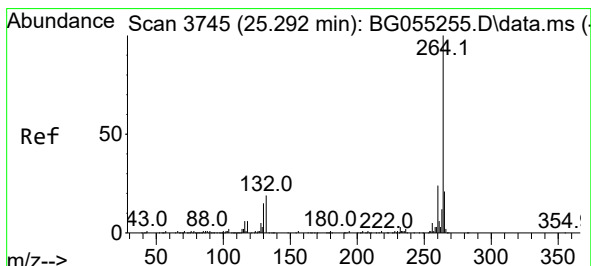
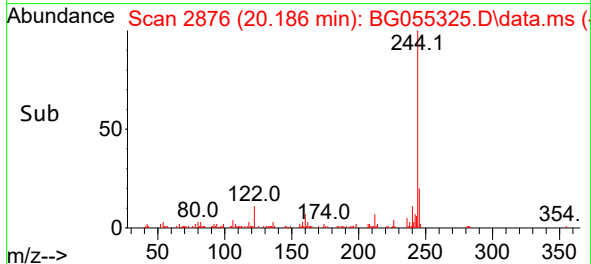
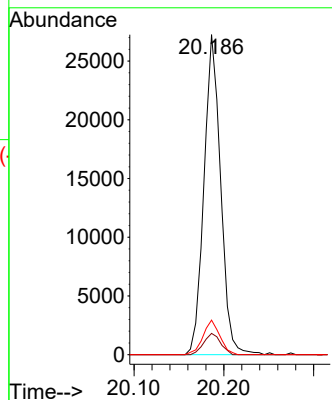
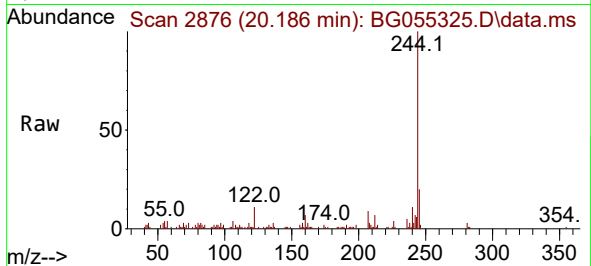




#79
 Terphenyl-d14
 Concen: 2.619 ng
 RT: 20.186 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BG055325.D
 Acq: 27 Oct 2022 15:53

Instrument :
 BNA_G
 ClientSampleId :
 MW-14DL2

Tgt Ion:244 Resp: 35154
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.0 9.0
 122 10.8 9.6 14.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.292 min Scan# 3745
 Delta R.T. 0.001 min
 Lab File: BG055325.D
 Acq: 27 Oct 2022 15:53

Tgt Ion:264 Resp: 293886
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.5 29.3
 265 22.1 17.4 26.2

