

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102922\
 Data File : BG055361.D
 Acq On : 29 Oct 2022 11:50
 Operator : CG/JU
 Sample : PB148528TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB148528TB

Quant Time: Oct 31 02:42:50 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)

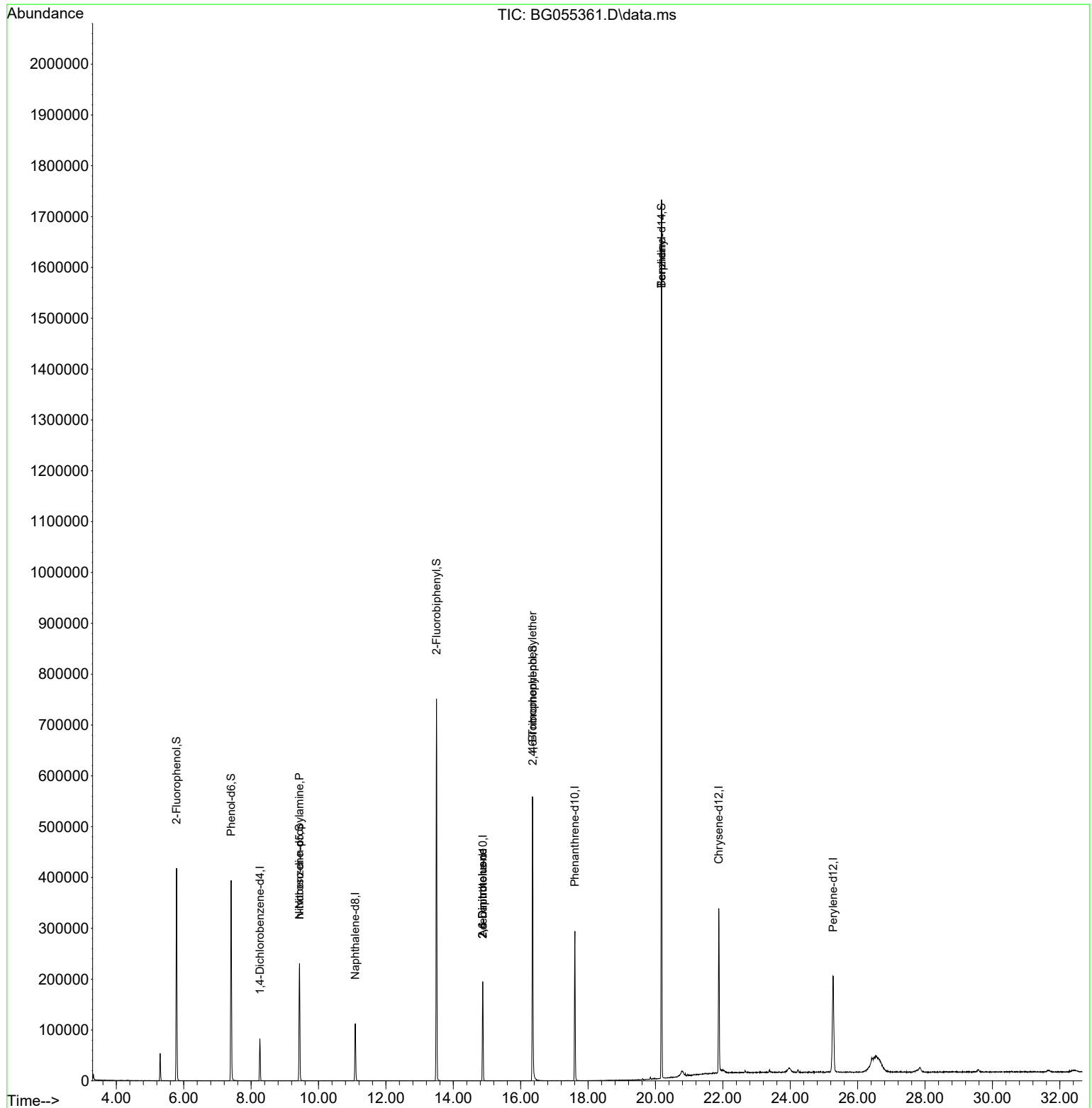
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.260	152	24828	20.000	ng	0.00
21) Naphthalene-d8	11.092	136	105629	20.000	ng	# 0.00
39) Acenaphthene-d10	14.875	164	75659	20.000	ng	0.00
64) Phenanthrene-d10	17.607	188	192952	20.000	ng	# 0.00
76) Chrysene-d12	21.879	240	206231	20.000	ng	-0.01
86) Perylene-d12	25.269	264	219237	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.786	112	192263	135.592	ng	0.00
7) Phenol-d6	7.408	99	252335	122.833	ng	0.00
23) Nitrobenzene-d5	9.435	82	151417	73.198	ng	0.00
42) 2,4,6-Tribromophenol	16.356	330	131807	160.256	ng	0.00
45) 2-Fluorobiphenyl	13.501	172	392764	84.968	ng	-0.01
79) Terphenyl-d14	20.181	244	848121	85.444	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.435	70	20046	11.751	ng	# 76
51) 2,6-Dinitrotoluene	14.870	165	9882	8.175	ng	# 19
57) 2,4-Dinitrotoluene	14.870	165	9882	5.634	ng	# 18
67) 4-Bromophenyl-phenylether	16.350	248	7962	4.247	ng	# 1
77) Benzidine	20.181	184	12472	2.498	ng	# 91

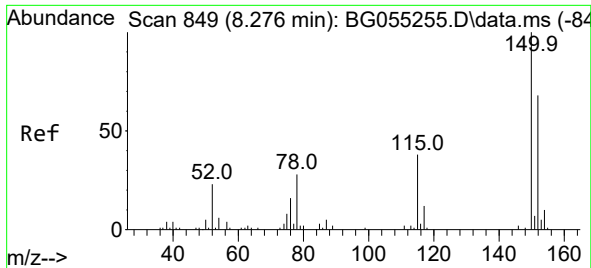
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 29 04:52:38 2022
Response via : Initial Calibration

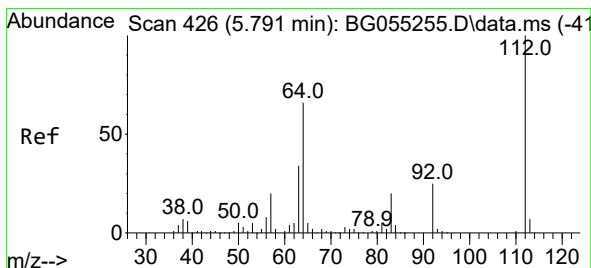
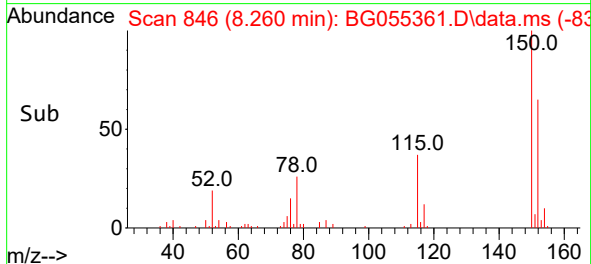
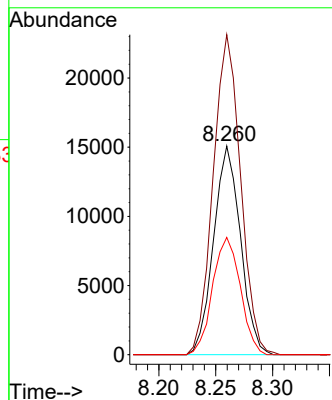
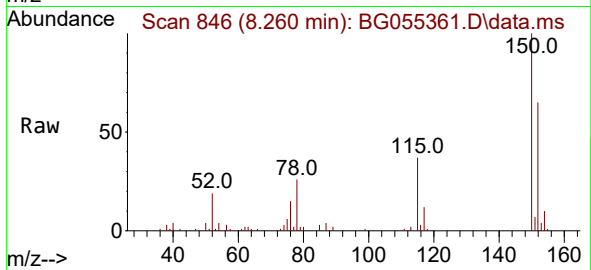




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.260 min Scan# 84
 Delta R.T. -0.005 min
 Lab File: BG055361.D
 Acq: 29 Oct 2022 11:50

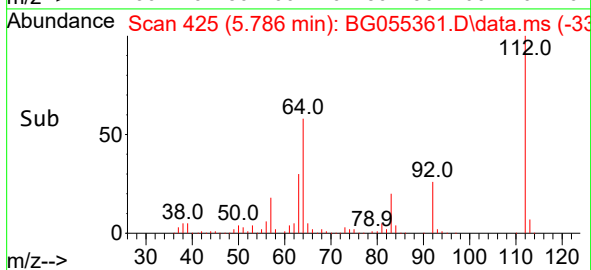
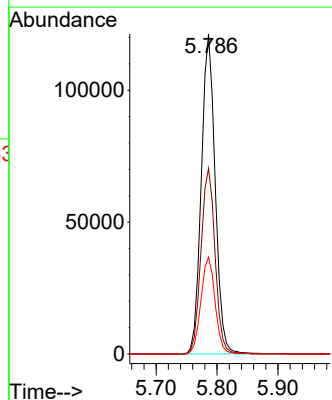
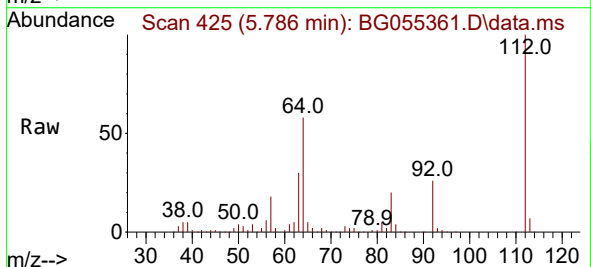
Instrument :
 BNA_G
 ClientSampleId :
 PB148528TB

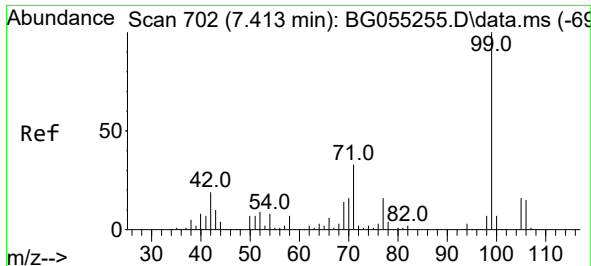
Tgt Ion:152 Resp: 24828
 Ion Ratio Lower Upper
 152 100
 150 153.4 118.2 177.4
 115 56.2 44.5 66.7



#5
 2-Fluorophenol
 Concen: 135.592 ng
 RT: 5.786 min Scan# 425
 Delta R.T. 0.001 min
 Lab File: BG055361.D
 Acq: 29 Oct 2022 11:50

Tgt Ion:112 Resp: 192263
 Ion Ratio Lower Upper
 112 100
 64 58.0 52.6 78.8
 63 30.2 27.1 40.7

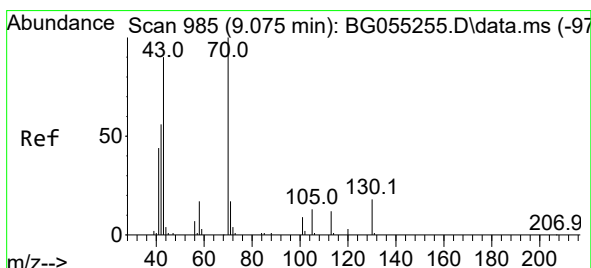
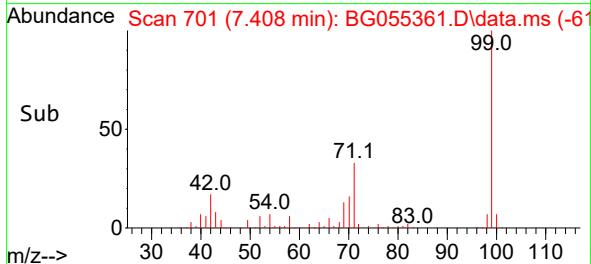
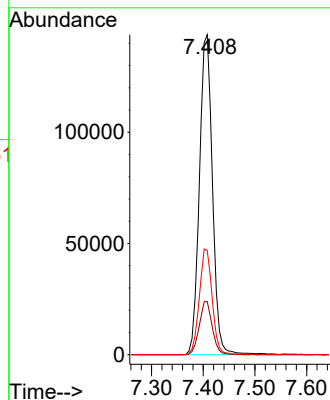
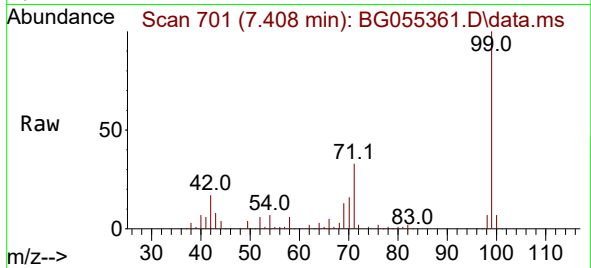




#7
Phenol-d6
Concen: 122.833 ng
RT: 7.408 min Scan# 70
Delta R.T. -0.005 min
Lab File: BG055361.D
Acq: 29 Oct 2022 11:50

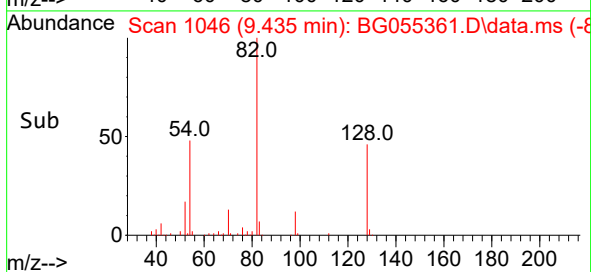
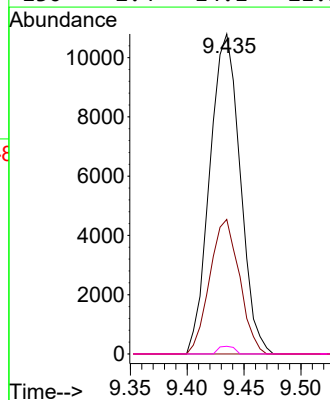
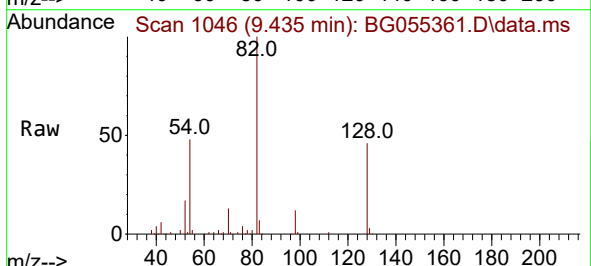
Instrument :
BNA_G
ClientSampleId :
PB148528TB

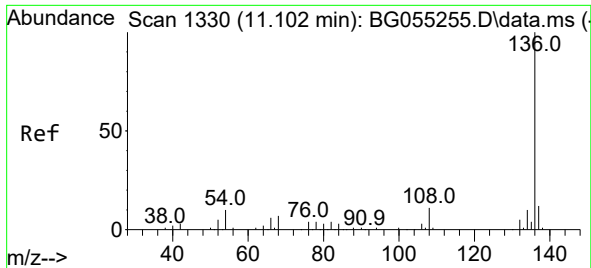
Tgt Ion: 99 Resp: 252335
Ion Ratio Lower Upper
99 100
42 16.6 15.2 22.8
71 32.6 26.2 39.4



#19
n-Nitroso-di-n-propylamine
Concen: 11.751 ng
RT: 9.435 min Scan# 1046
Delta R.T. 0.365 min
Lab File: BG055361.D
Acq: 29 Oct 2022 11:50

Tgt Ion: 70 Resp: 20046
Ion Ratio Lower Upper
70 100
42 42.0 45.8 68.6#
101 0.0 7.4 11.0#
130 2.4 14.1 21.1#

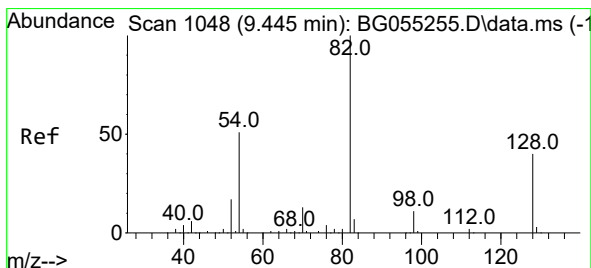
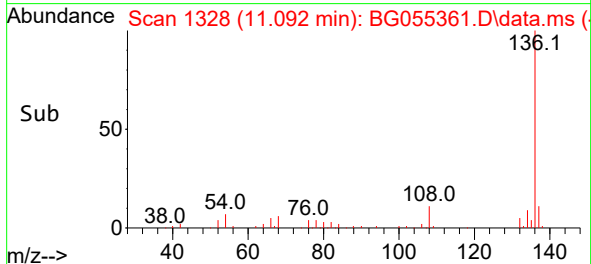
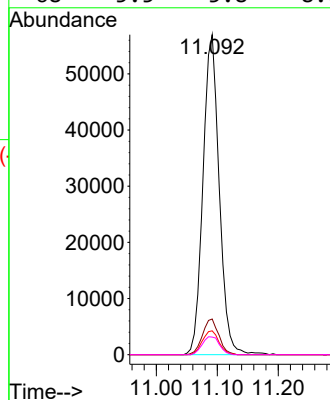
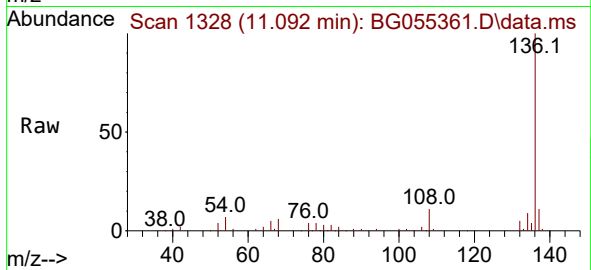




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.092 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG055361.D
Acq: 29 Oct 2022 11:50

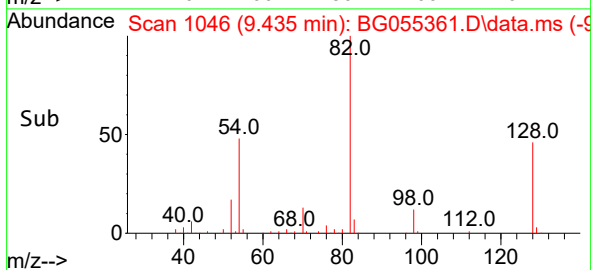
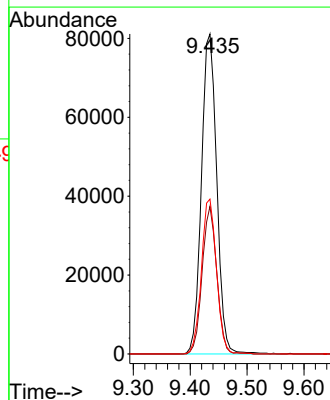
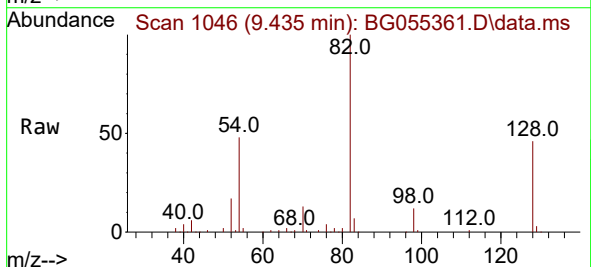
Instrument :
BNA_G
ClientSampleId :
PB148528TB

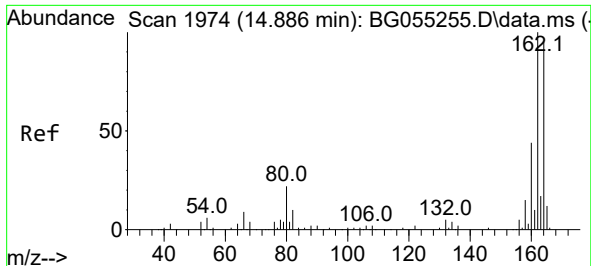
Tgt Ion:	136	Resp:	105629
Ion Ratio	Lower	Upper	
136	100		
137	11.1	9.2	13.8
54	7.4	7.8	11.8#
68	5.5	5.8	8.6#



#23
Nitrobenzene-d5
Concen: 73.198 ng
RT: 9.435 min Scan# 1046
Delta R.T. -0.005 min
Lab File: BG055361.D
Acq: 29 Oct 2022 11:50

Tgt Ion:	82	Resp:	151417
Ion Ratio	Lower	Upper	
82	100		
128	46.1	32.0	48.0
54	48.4	40.9	61.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.875 min Scan# 1972

Delta R.T. -0.005 min

Lab File: BG055361.D

Acq: 29 Oct 2022 11:50

Instrument :

BNA_G

ClientSampleId :

PB148528TB

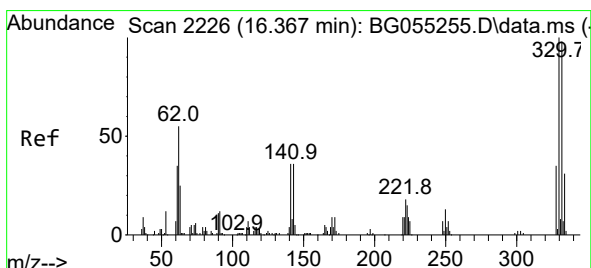
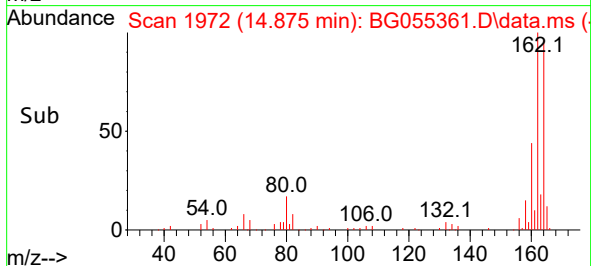
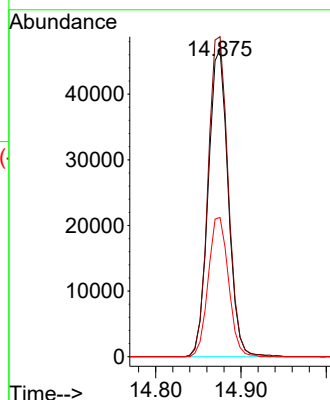
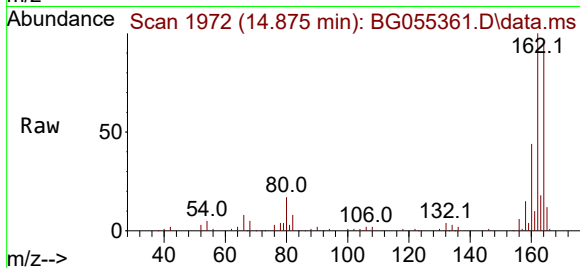
Tgt Ion:164 Resp: 75659

Ion Ratio Lower Upper

164 100

162 104.1 84.0 126.0

160 45.3 36.7 55.1



#42

2,4,6-Tribromophenol

Concen: 160.256 ng

RT: 16.356 min Scan# 2224

Delta R.T. -0.005 min

Lab File: BG055361.D

Acq: 29 Oct 2022 11:50

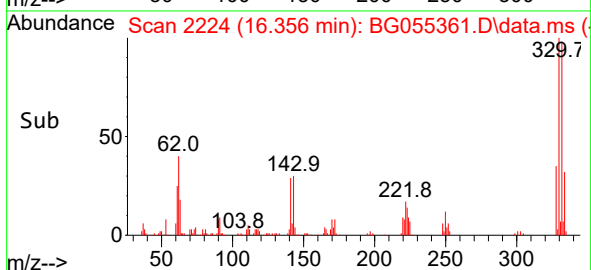
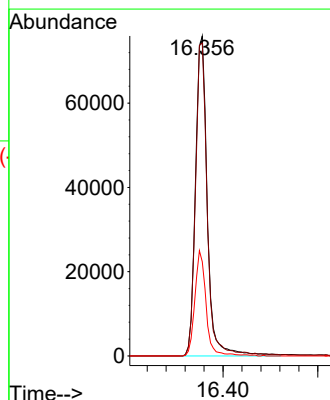
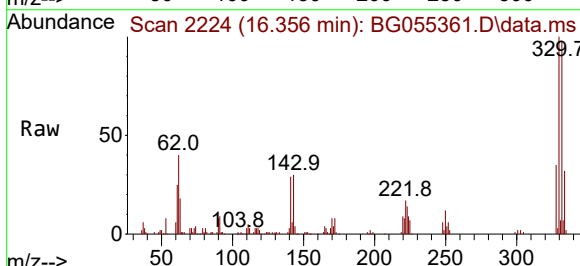
Tgt Ion:330 Resp: 131807

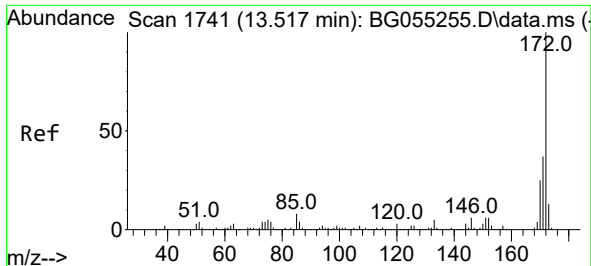
Ion Ratio Lower Upper

330 100

332 97.7 77.4 116.0

141 31.2 29.8 44.8

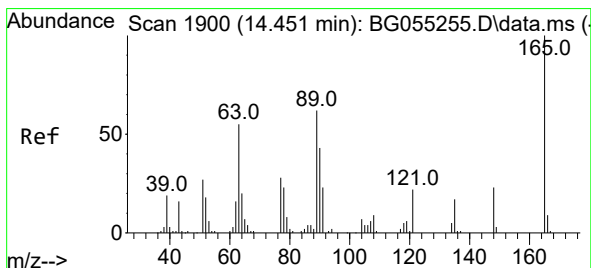
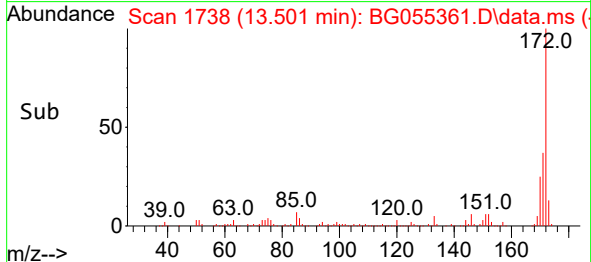
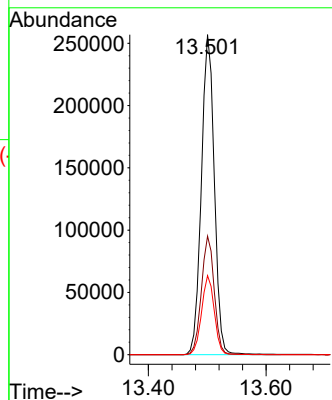
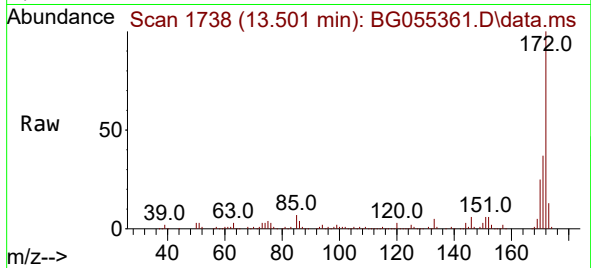




#45
2-Fluorobiphenyl
Concen: 84.968 ng
RT: 13.501 min Scan# 1
Delta R.T. -0.011 min
Lab File: BG055361.D
Acq: 29 Oct 2022 11:50

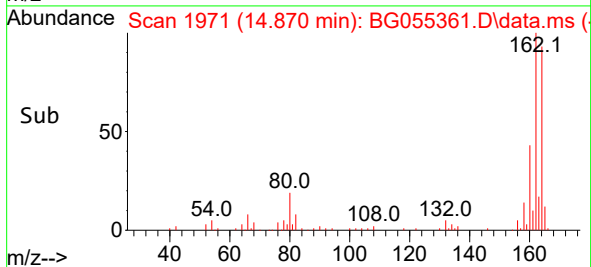
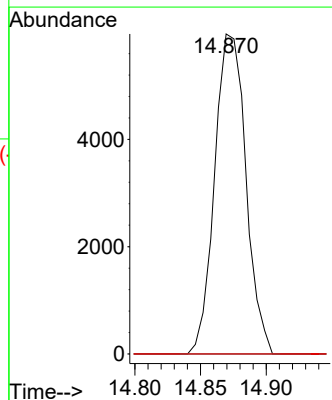
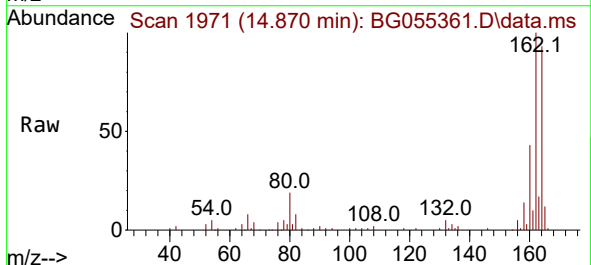
Instrument :
BNA_G
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PB148528TB

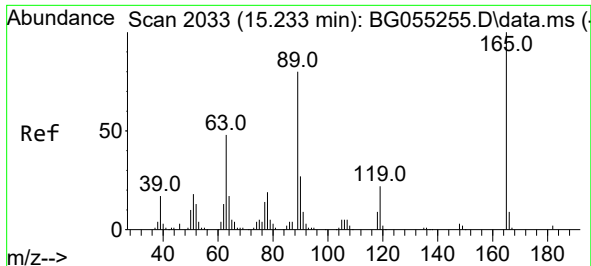
Tgt Ion:172 Resp: 392764
Ion Ratio Lower Upper
172 100
171 37.0 29.7 44.5
170 24.7 20.2 30.2



#51
2,6-Dinitrotoluene
Concen: 8.175 ng
RT: 14.870 min Scan# 1971
Delta R.T. 0.418 min
Lab File: BG055361.D
Acq: 29 Oct 2022 11:50

Tgt Ion:165 Resp: 9882
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: 5.634 ng

RT: 14.870 min Scan# 14

Delta R.T. -0.364 min

Lab File: BG055361.D

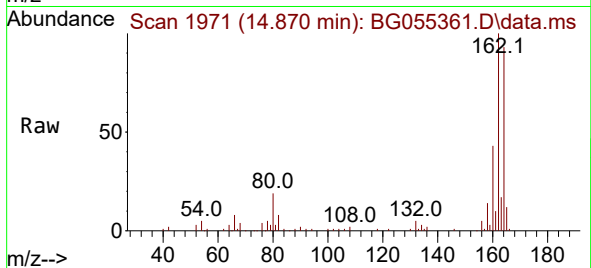
Acq: 29 Oct 2022 11:50

Instrument :

BNA_G

ClientSampleId :

PB148528TB



Tgt Ion:165 Resp: 9882

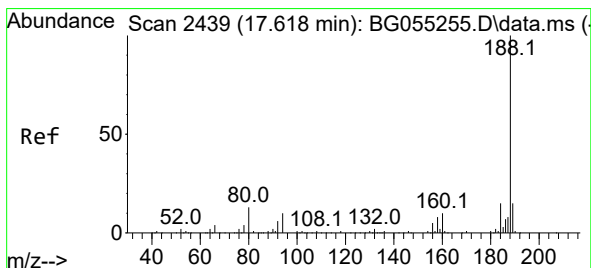
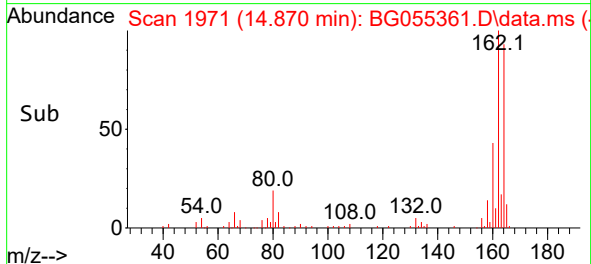
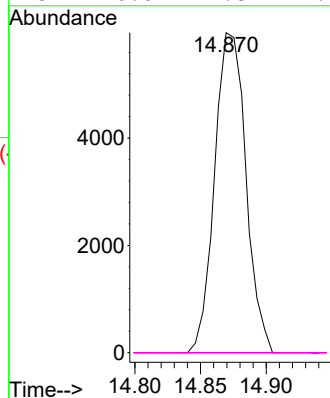
Ion Ratio Lower Upper

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: 17.607 min Scan# 2437

Delta R.T. -0.005 min

Lab File: BG055361.D

Acq: 29 Oct 2022 11:50

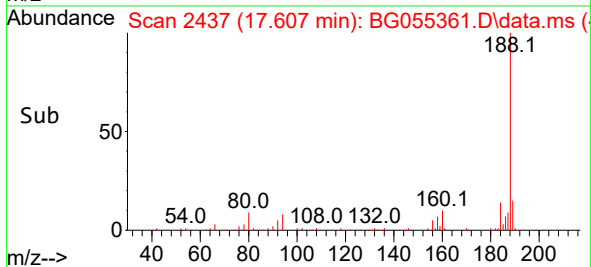
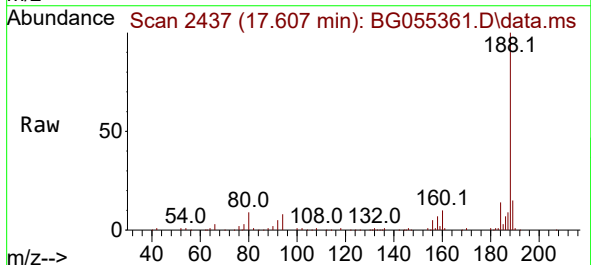
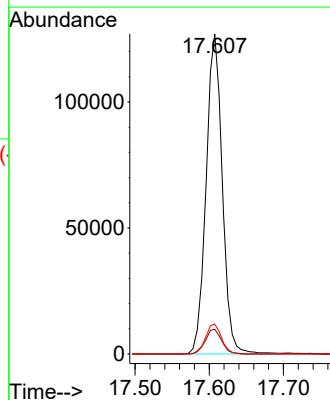
Tgt Ion:188 Resp: 192952

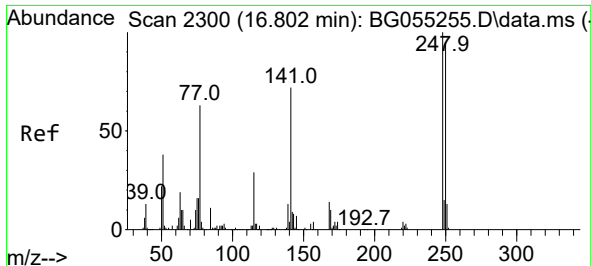
Ion Ratio Lower Upper

188 100

94 7.7 8.2 12.4#

80 9.3 10.1 15.1#

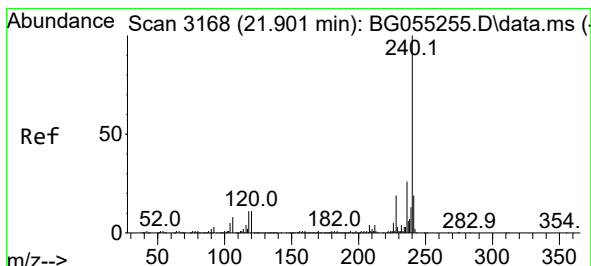
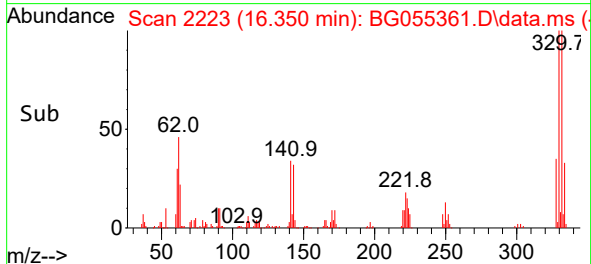
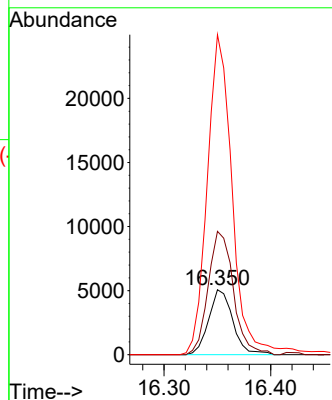
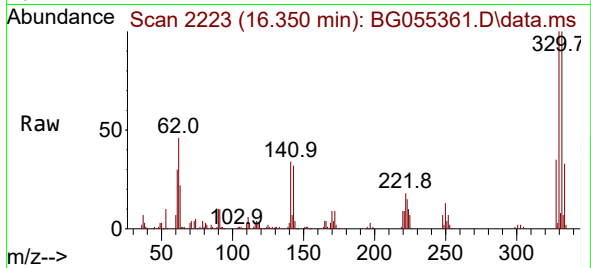




#67
4-Bromophenyl-phenylether
Concen: 4.247 ng
RT: 16.350 min Scan# 21
Delta R.T. -0.446 min
Lab File: BG055361.D
Acq: 29 Oct 2022 11:50

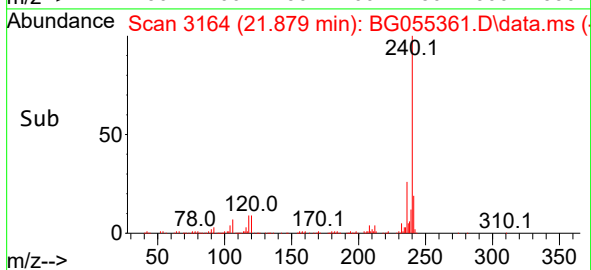
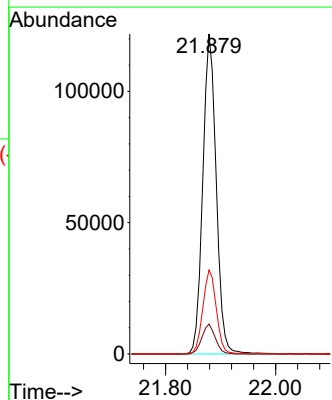
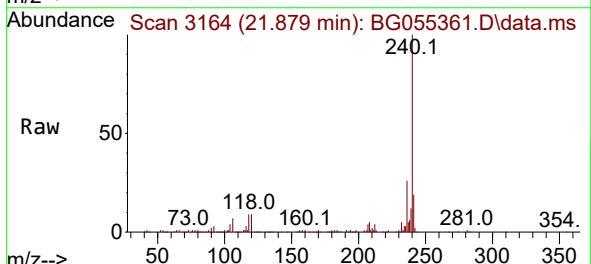
Instrument :
BNA_G
ClientSampleId :
PB148528TB

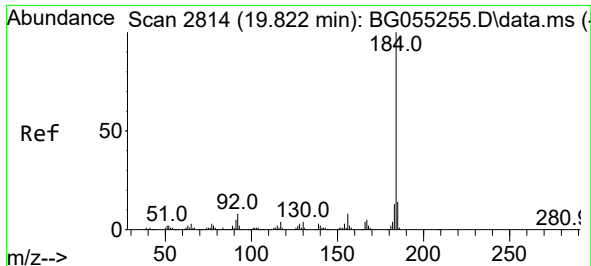
Tgt Ion:248 Resp: 7962
Ion Ratio Lower Upper
248 100
250 190.1 76.0 114.0#
141 492.9 58.0 87.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.879 min Scan# 3164
Delta R.T. -0.011 min
Lab File: BG055361.D
Acq: 29 Oct 2022 11:50

Tgt Ion:240 Resp: 206231
Ion Ratio Lower Upper
240 100
120 9.3 8.9 13.3
236 26.2 21.0 31.4

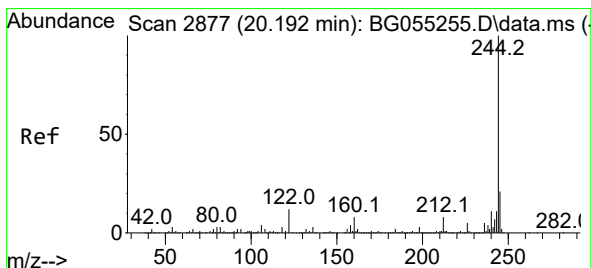
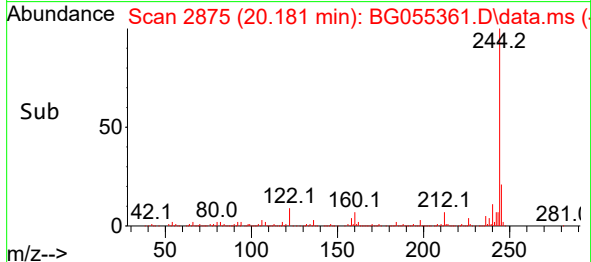
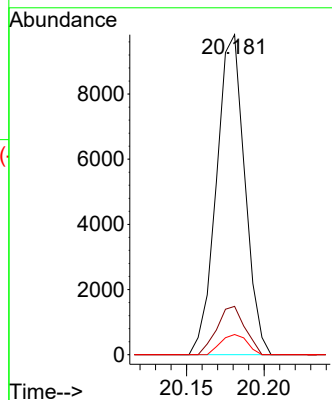
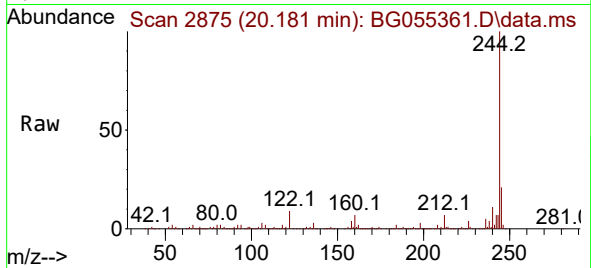




#77
Benzidine
Concen: 2.498 ng
RT: 20.181 min Scan# 2814
Delta R.T. 0.365 min
Lab File: BG055361.D
Acq: 29 Oct 2022 11:50

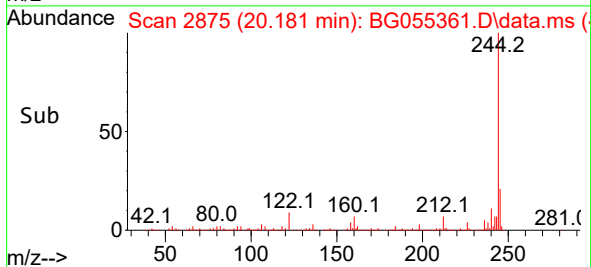
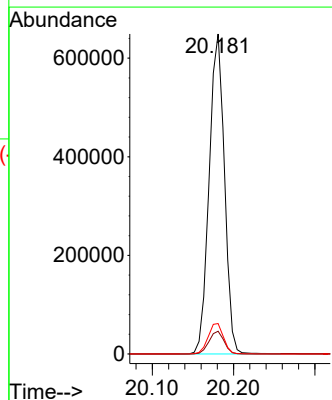
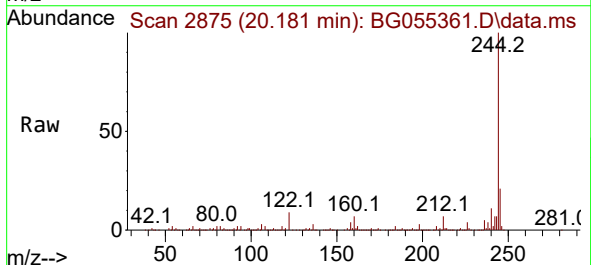
Instrument :
BNA_G
ClientSampleId :
PB148528TB

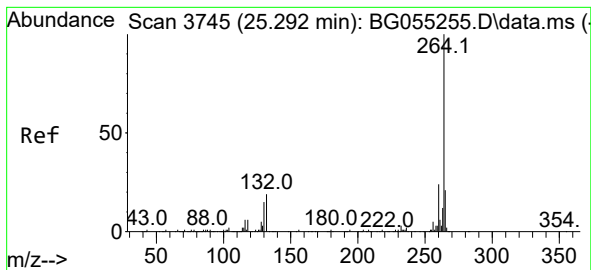
Tgt Ion:184 Resp: 12472
Ion Ratio Lower Upper
184 100
185 15.1 11.0 16.6
183 6.3 10.0 15.0#



#79
Terphenyl-d14
Concen: 85.444 ng
RT: 20.181 min Scan# 2875
Delta R.T. -0.005 min
Lab File: BG055361.D
Acq: 29 Oct 2022 11:50

Tgt Ion:244 Resp: 848121
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: 25.269 min Scan# 31
 Delta R.T. -0.017 min
 Lab File: BG055361.D
 Acq: 29 Oct 2022 11:50

Instrument :
 BNA_G
 ClientSampleId :
 PB148528TB

Tgt Ion:264 Resp: 219237
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.5 29.3
 265 21.6 17.4 26.2

