

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072823\
 Data File : BG058522.D
 Acq On : 28 Jul 2023 17:37
 Operator : MA/JU
 Sample : PB154218BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB154164BL

Quant Time: Jul 28 22:54:11 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 28 22:29:07 2023
 Response via : Initial Calibration

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

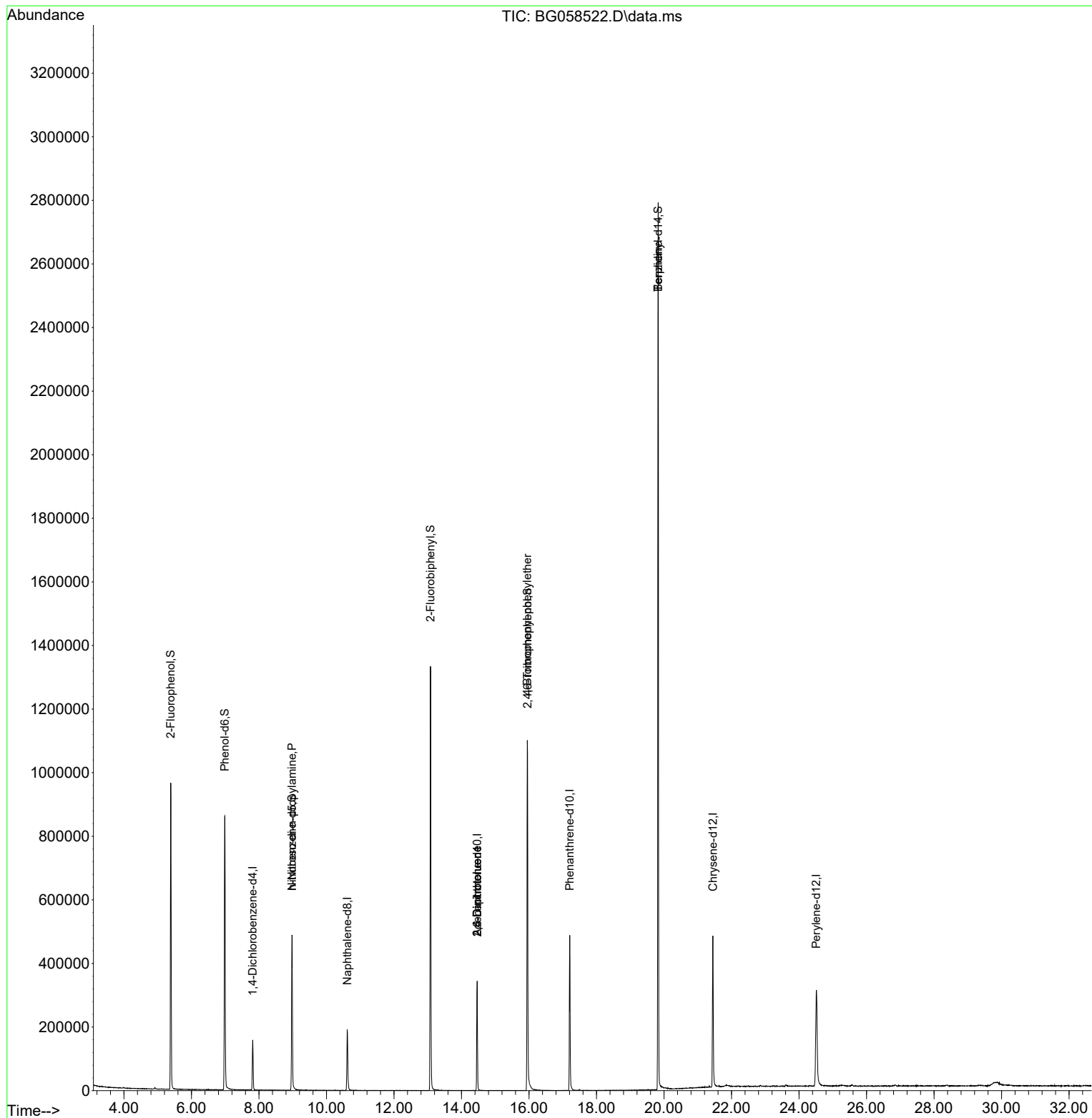
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.811	152	44317	20.000	ng	0.00
21) Naphthalene-d8	10.614	136	180809	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	126660	20.000	ng	0.00
64) Phenanthrene-d10	17.206	188	342199	20.000	ng	0.00
76) Chrysene-d12	21.448	240	310857	20.000	ng	0.00
86) Perylene-d12	24.510	264	383990	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.385	112	409766	141.325	ng	0.00
7) Phenol-d6	6.989	99	542537	134.473	ng	0.00
23) Nitrobenzene-d5	8.975	82	324979	88.296	ng	0.00
42) 2,4,6-Tribromophenol	15.955	330	277961	133.890	ng	0.00
45) 2-Fluorobiphenyl	13.082	172	735886	87.067	ng	0.00
79) Terphenyl-d14	19.827	244	1514587	91.625	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	8.975	70	40436	15.516	ng	# 78
51) 2,6-Dinitrotoluene	14.463	165	16189	7.756	ng	# 24
57) 2,4-Dinitrotoluene	14.463	165	16189	5.595	ng	# 24
67) 4-Bromophenyl-phenylether	15.949	248	16677	4.297	ng	# 1
77) Benzidine	19.827	184	18362	3.895	ng	# 94

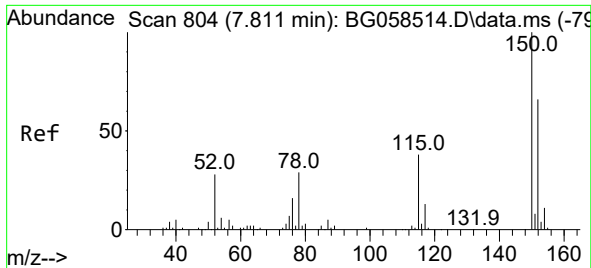
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072823\
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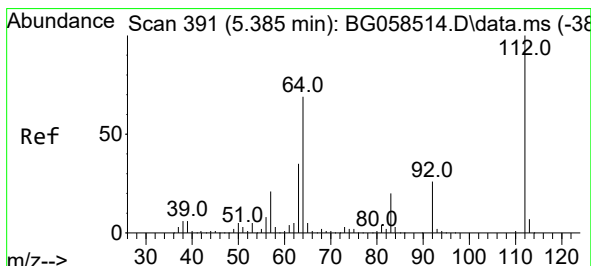
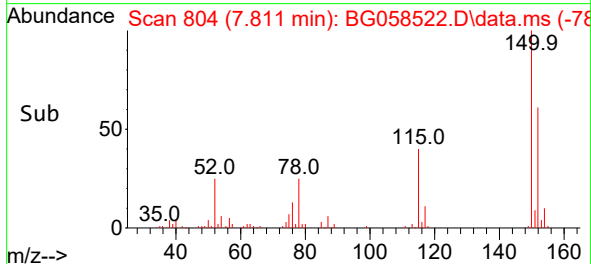
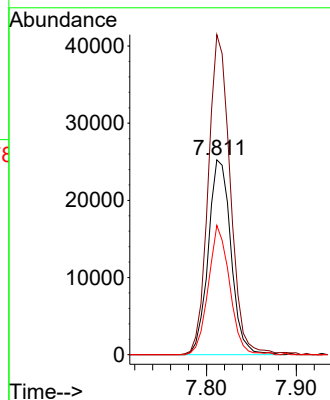
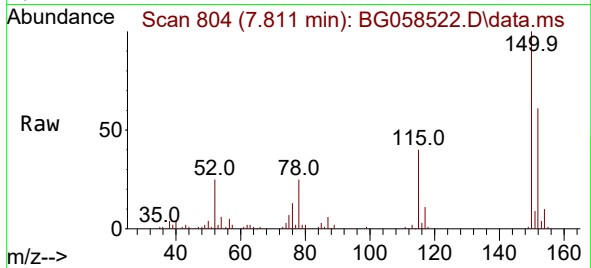




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.811 min Scan# 804
Delta R.T. 0.000 min
Lab File: BG058522.D
Acq: 28 Jul 2023 17:37

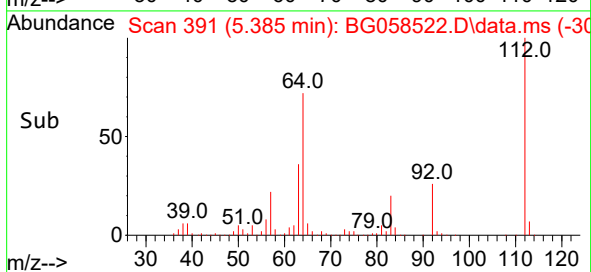
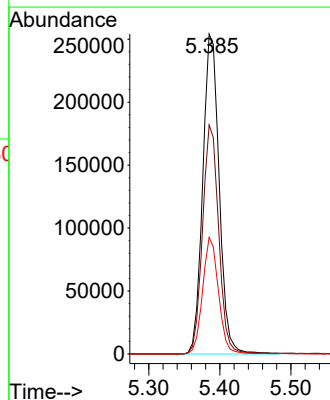
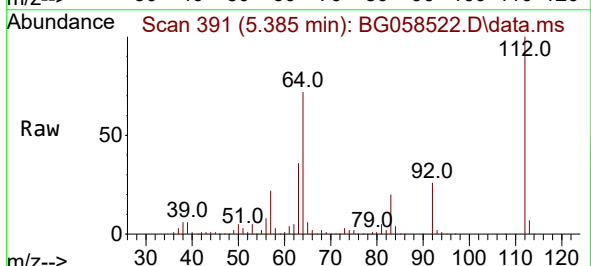
Instrument :
BNA_G
ClientSampleId :
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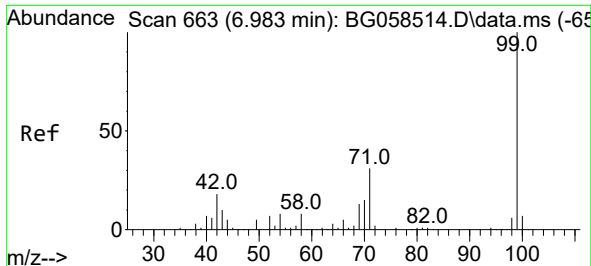
Tgt Ion:152 Resp: 44317
Ion Ratio Lower Upper
152 100
150 164.2 120.5 180.7
115 66.3 45.9 68.9



#5
2-Fluorophenol
Concen: 141.325 ng
RT: 5.385 min Scan# 391
Delta R.T. 0.000 min
Lab File: BG058522.D
Acq: 28 Jul 2023 17:37

Tgt Ion:112 Resp: 409766
Ion Ratio Lower Upper
112 100
64 71.6 55.3 82.9
63 36.4 28.3 42.5

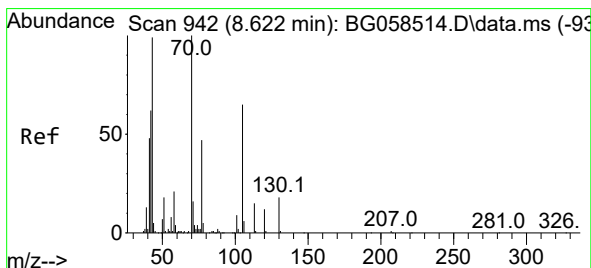
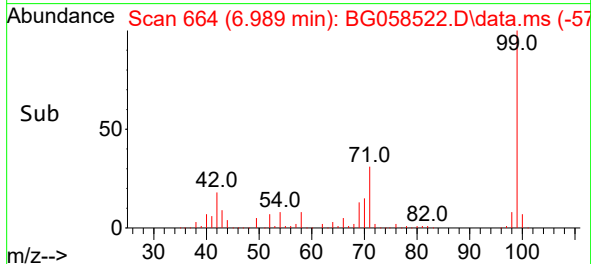
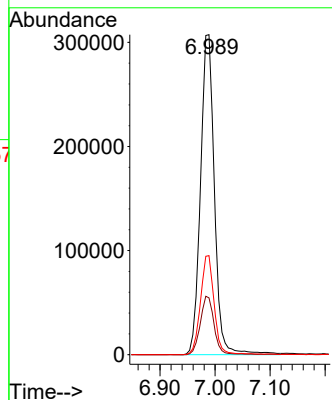
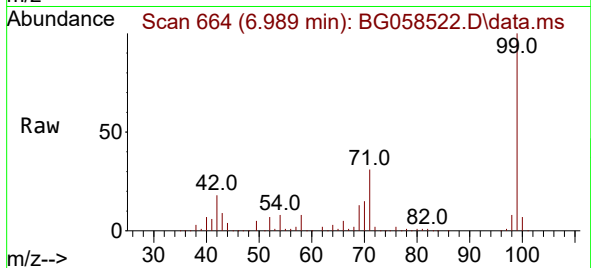




#7
Phenol-d6
Concen: 134.473 ng
RT: 6.989 min Scan# 60
Delta R.T. 0.006 min
Lab File: BG058522.D
Acq: 28 Jul 2023 17:37

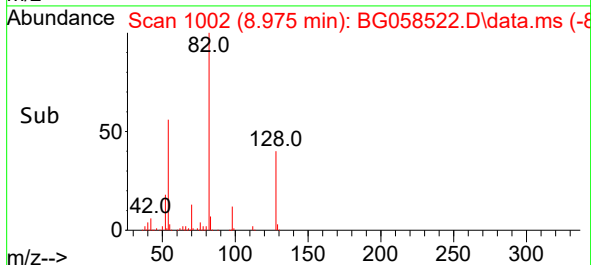
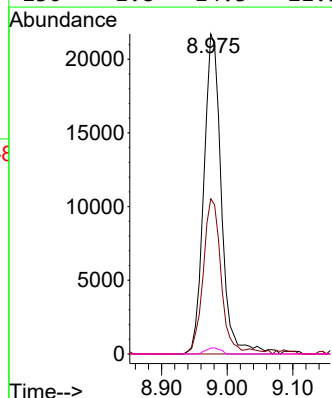
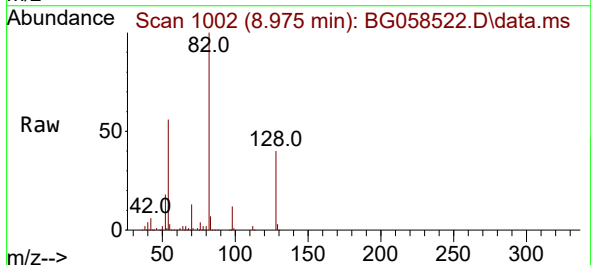
Instrument :
BNA_G
ClientSampleId :
PB154164BL

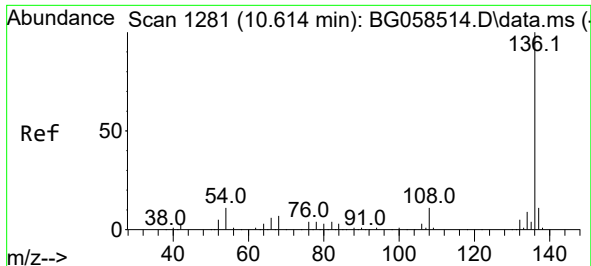
Tgt Ion: 99 Resp: 542537
Ion Ratio Lower Upper
99 100
42 17.7 14.6 21.8
71 30.9 25.0 37.4



#19
n-Nitroso-di-n-propylamine
Concen: 15.516 ng
RT: 8.975 min Scan# 1002
Delta R.T. 0.353 min
Lab File: BG058522.D
Acq: 28 Jul 2023 17:37

Tgt Ion: 70 Resp: 40436
Ion Ratio Lower Upper
70 100
42 48.5 49.7 74.5#
101 0.0 7.0 10.4#
130 1.8 14.3 21.5#

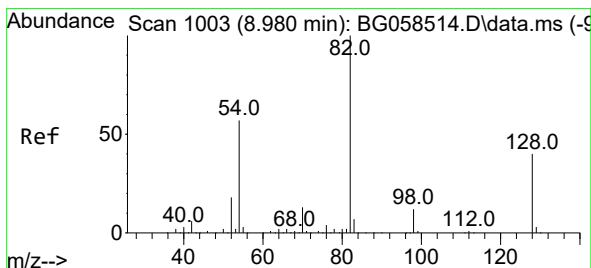
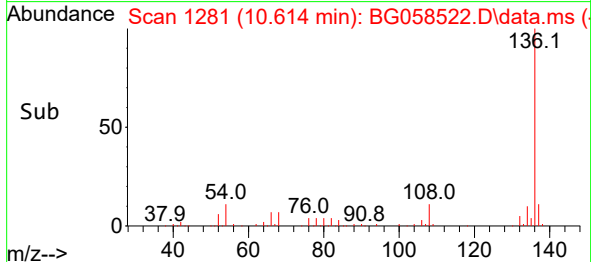
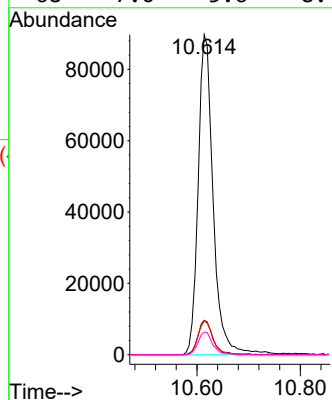
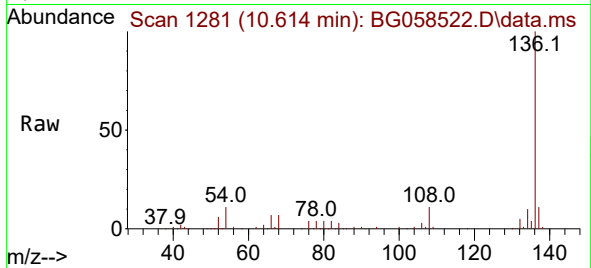




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.614 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG058522.D
Acq: 28 Jul 2023 17:37

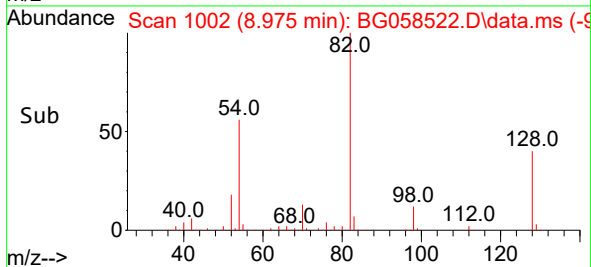
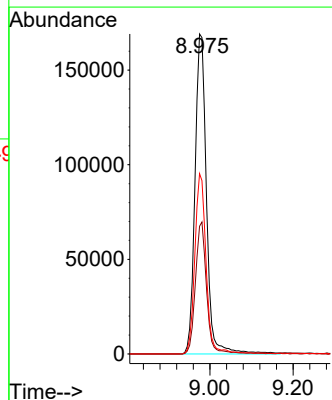
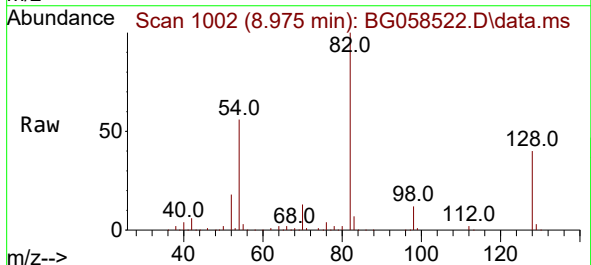
Instrument :
BNA_G
ClientSampleId :
PB154164BL

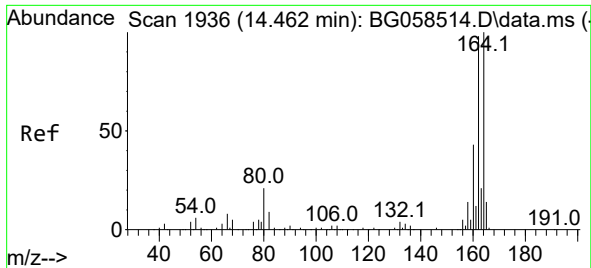
Tgt Ion:	136	Resp:	180809
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.6	13.0
54	10.5	8.9	13.3
68	7.0	5.6	8.4



#23
Nitrobenzene-d5
Concen: 88.296 ng
RT: 8.975 min Scan# 1002
Delta R.T. -0.006 min
Lab File: BG058522.D
Acq: 28 Jul 2023 17:37

Tgt Ion:	82	Resp:	324979
Ion Ratio	Lower	Upper	
82	100		
128	39.9	32.2	48.2
54	56.3	46.0	69.0

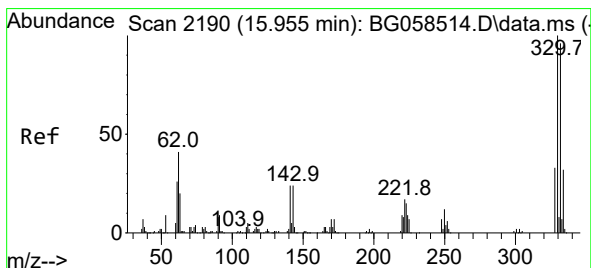
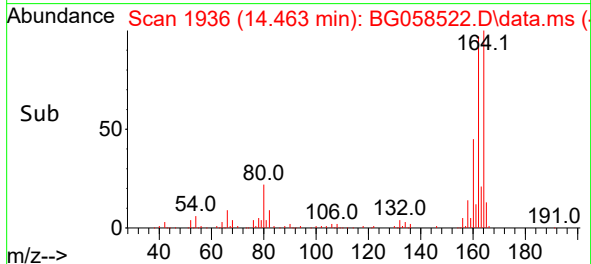
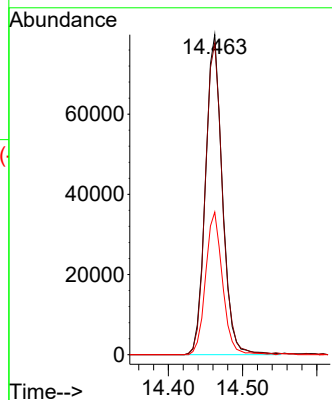
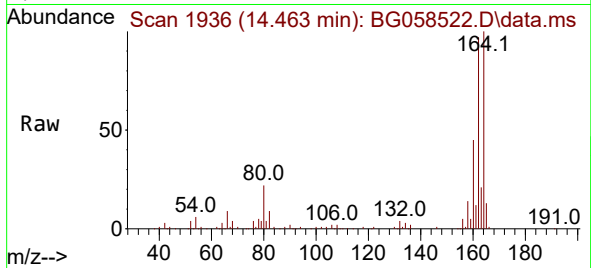




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.463 min Scan# 1936
Delta R.T. 0.000 min
Lab File: BG058522.D
Acq: 28 Jul 2023 17:37

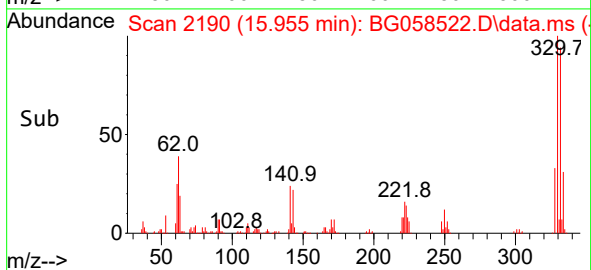
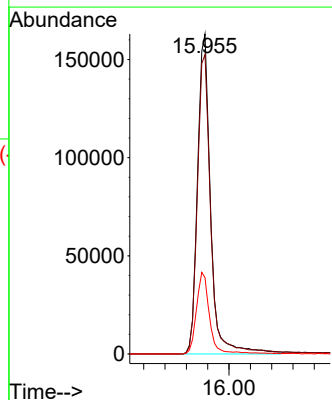
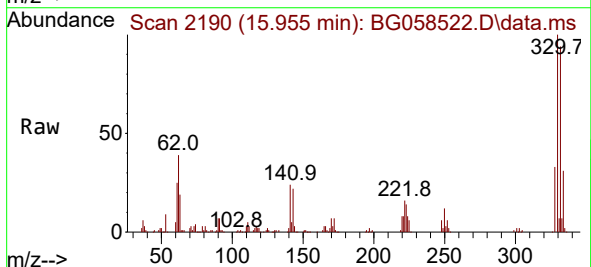
Instrument :
BNA_G
ClientSampleId :
PB154164BL

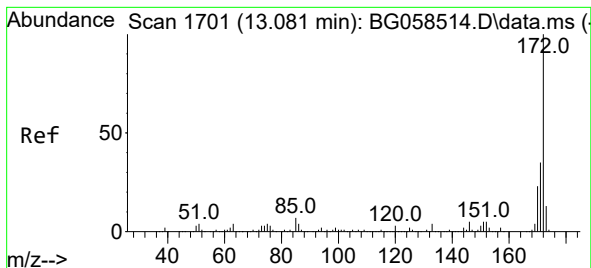
Tgt Ion:164 Resp: 126660
Ion Ratio Lower Upper
164 100
162 97.3 78.3 117.5
160 44.6 34.1 51.1



#42
2,4,6-Tribromophenol
Concen: 133.890 ng
RT: 15.955 min Scan# 2190
Delta R.T. 0.000 min
Lab File: BG058522.D
Acq: 28 Jul 2023 17:37

Tgt Ion:330 Resp: 277961
Ion Ratio Lower Upper
330 100
332 96.3 77.5 116.3
141 25.7 20.7 31.1

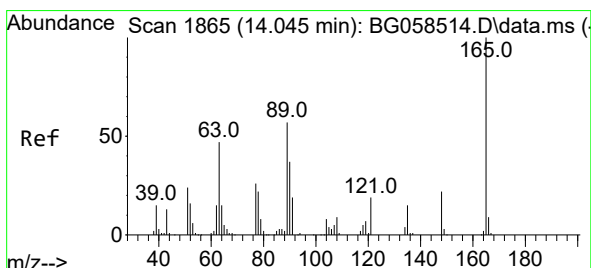
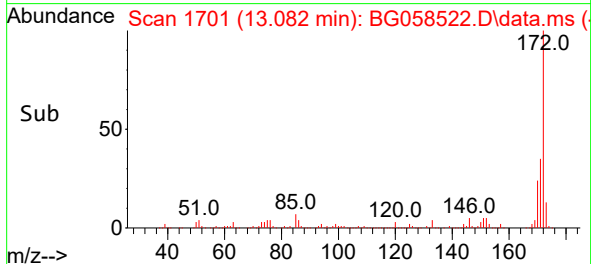
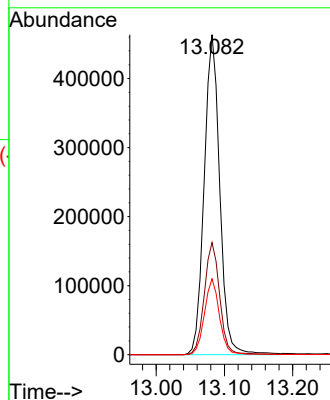
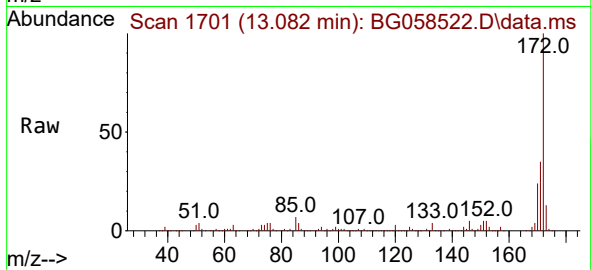




#45
2-Fluorobiphenyl
Concen: 87.067 ng
RT: 13.082 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG058522.D
Acq: 28 Jul 2023 17:37

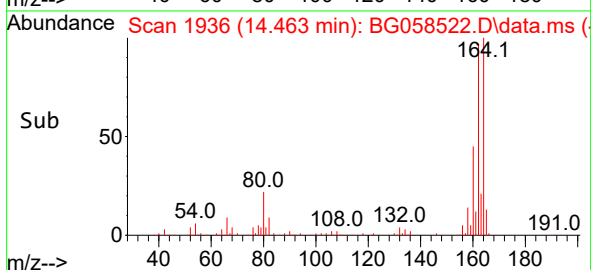
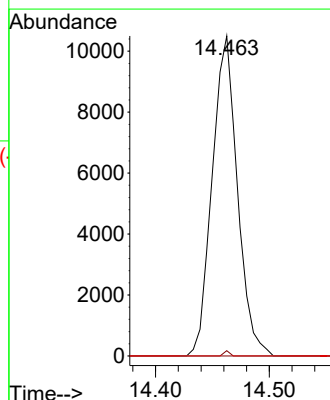
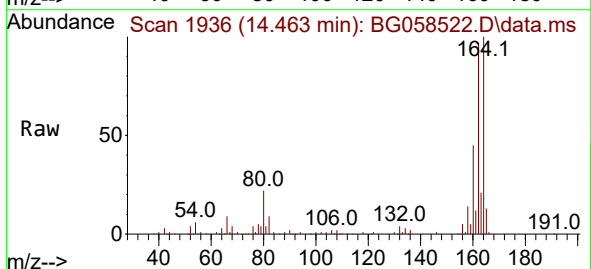
Instrument :
BNA_G
ClientSampleId :
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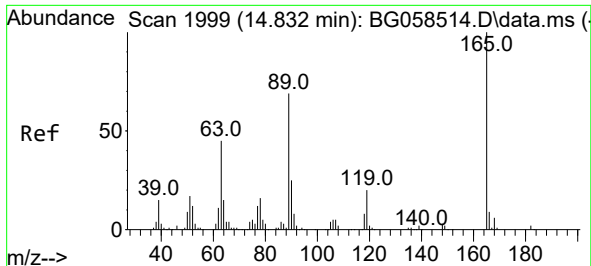
Tgt Ion:172 Resp: 735886
Ion Ratio Lower Upper
172 100
171 35.0 28.0 42.0
170 23.7 18.4 27.6



#51
2,6-Dinitrotoluene
Concen: 7.756 ng
RT: 14.463 min Scan# 1936
Delta R.T. 0.417 min
Lab File: BG058522.D
Acq: 28 Jul 2023 17:37

Tgt Ion:165 Resp: 16189
Ion Ratio Lower Upper
165 100
63 1.7 46.4 69.6#
89 0.0 45.3 67.9#





#57

2,4-Dinitrotoluene

Concen: 5.595 ng

RT: 14.463 min Scan# 1999

Delta R.T. -0.370 min

Lab File: BG058522.D

Acq: 28 Jul 2023 17:37

Instrument :

BNA_G

ClientSampleId :

PB154164BL

Tgt Ion:165 Resp: 16189

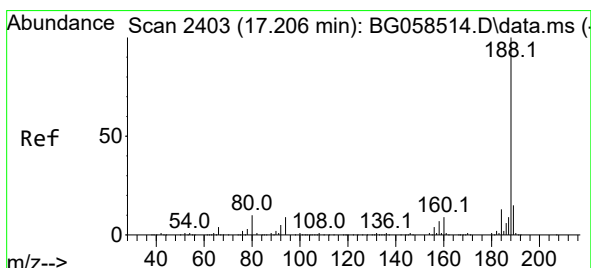
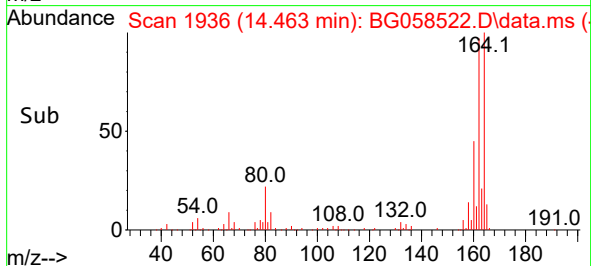
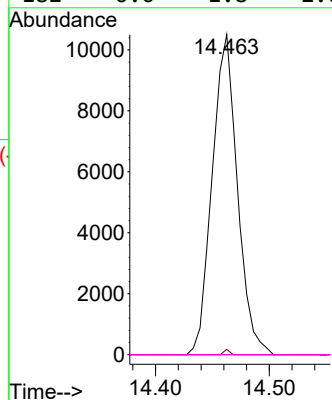
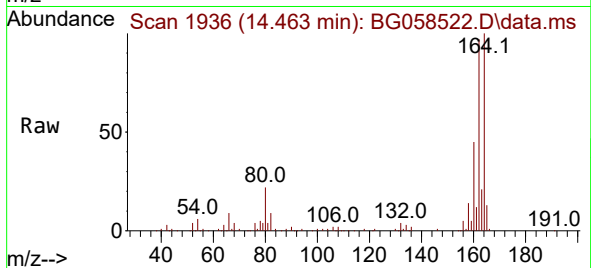
Ion Ratio Lower Upper

165 100

63 1.7 36.6 54.8#

89 0.0 55.4 83.0#

182 0.0 1.8 2.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.206 min Scan# 2403

Delta R.T. 0.000 min

Lab File: BG058522.D

Acq: 28 Jul 2023 17:37

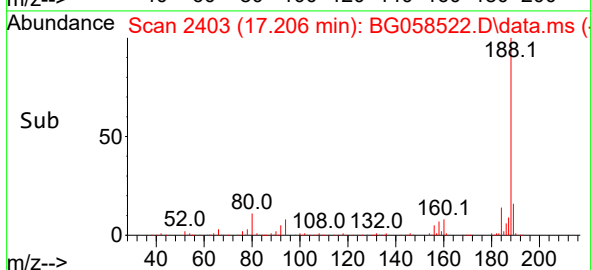
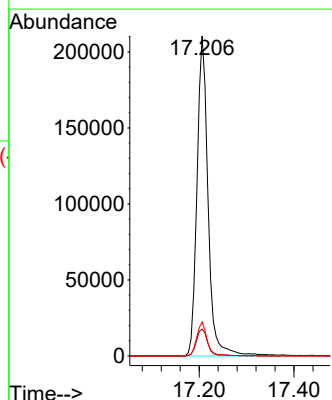
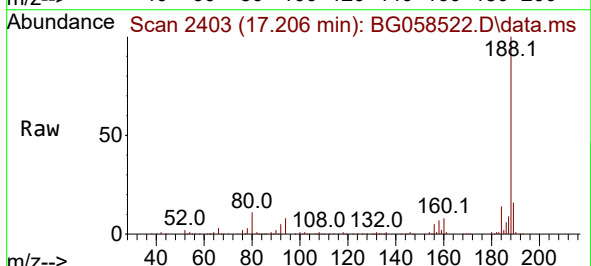
Tgt Ion:188 Resp: 342199

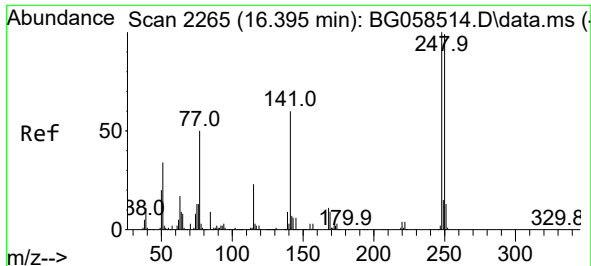
Ion Ratio Lower Upper

188 100

94 8.4 7.0 10.6

80 10.6 8.1 12.1

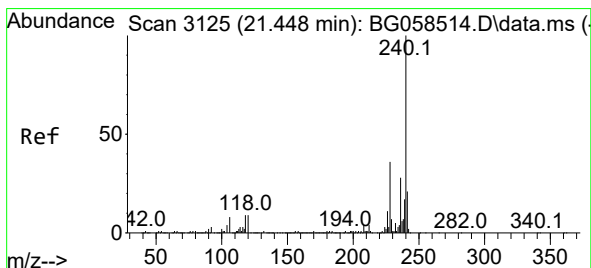
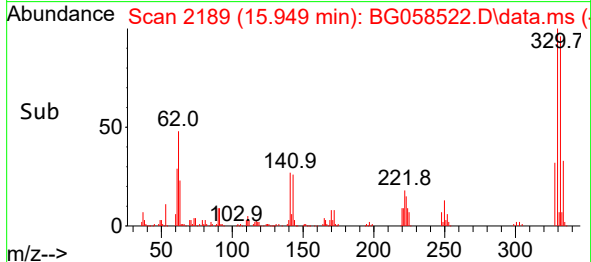
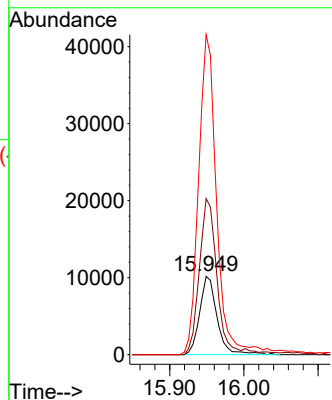
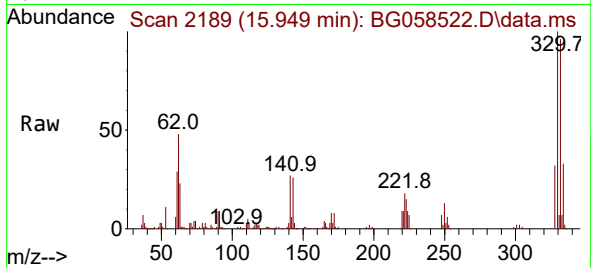




#67
4-Bromophenyl-phenylether
Concen: 4.297 ng
RT: 15.949 min Scan# 2189
Delta R.T. -0.446 min
Lab File: BG058522.D
Acq: 28 Jul 2023 17:37

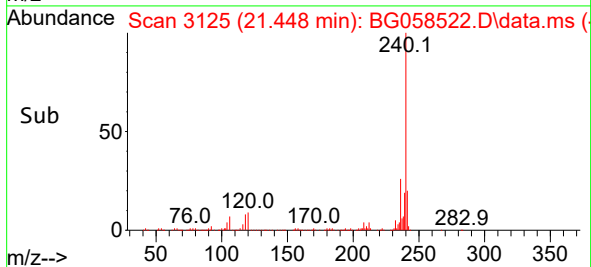
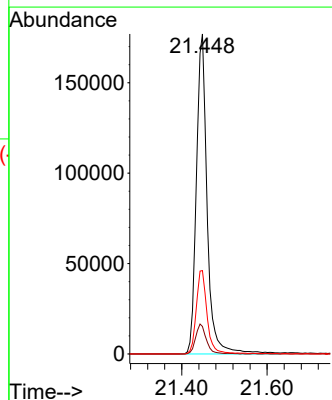
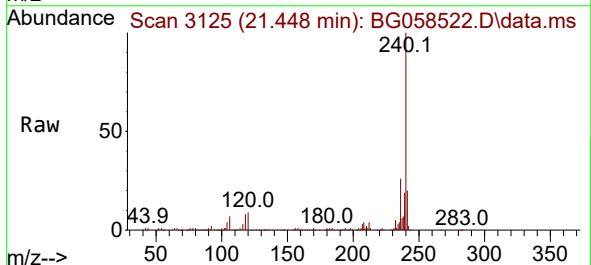
Instrument :
BNA_G
ClientSampleId :
PB154164BL

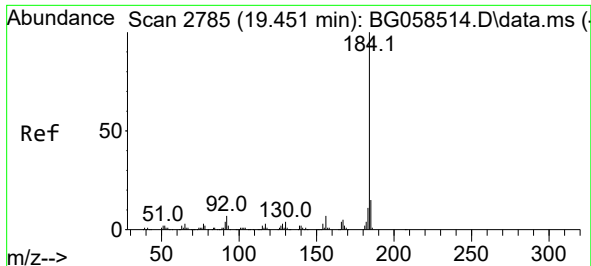
Tgt Ion:248 Resp: 16677
Ion Ratio Lower Upper
248 100
250 199.2 79.5 119.3#
141 408.7 48.2 72.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.448 min Scan# 3125
Delta R.T. 0.000 min
Lab File: BG058522.D
Acq: 28 Jul 2023 17:37

Tgt Ion:240 Resp: 310857
Ion Ratio Lower Upper
240 100
120 8.6 7.4 11.0
236 26.0 22.2 33.4

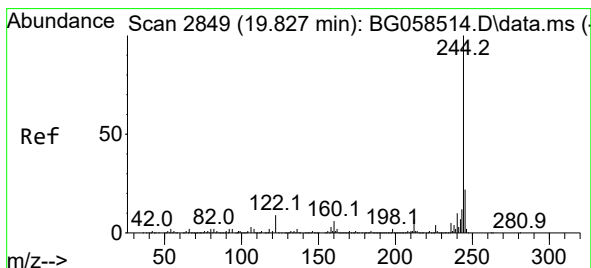
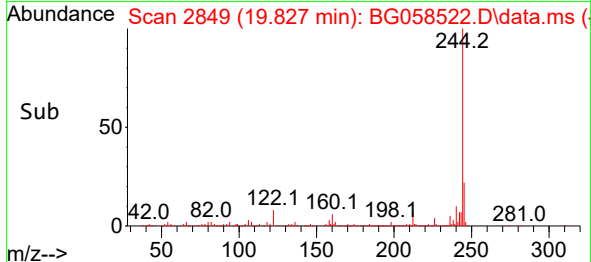
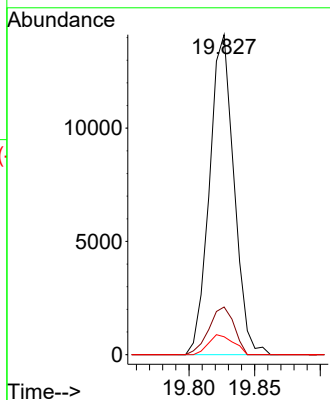
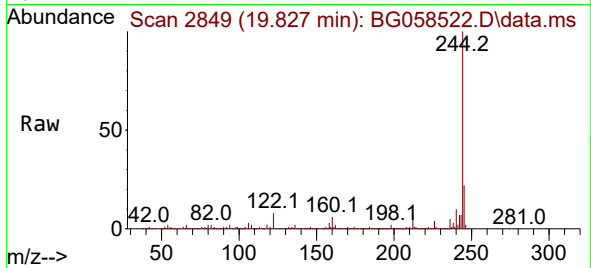




#77
Benzidine
Concen: 3.895 ng
RT: 19.827 min Scan# 2849
Delta R.T. 0.376 min
Lab File: BG058522.D
Acq: 28 Jul 2023 17:37

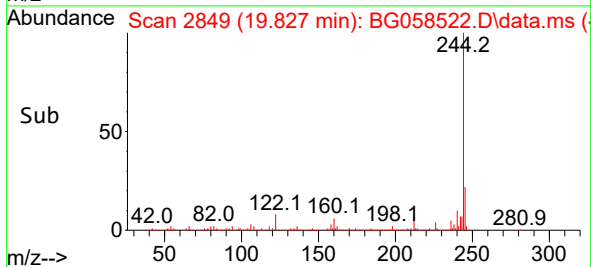
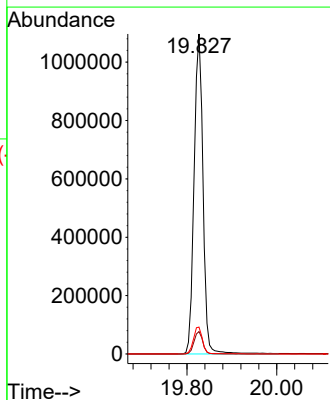
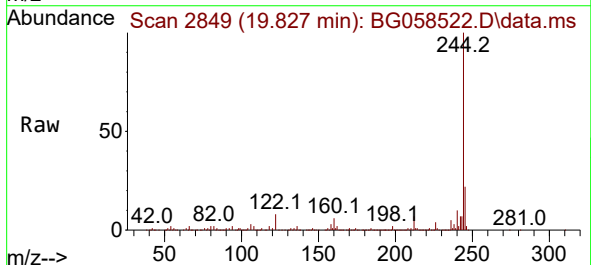
Instrument :
BNA_G
ClientSampleId :
PB154164BL

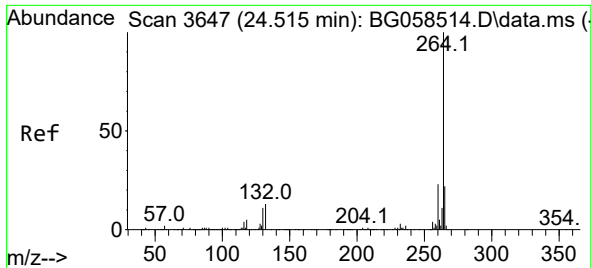
Tgt Ion:184 Resp: 18362
Ion Ratio Lower Upper
184 100
185 14.9 11.9 17.9
183 5.6 8.7 13.1#



#79
Terphenyl-d14
Concen: 91.625 ng
RT: 19.827 min Scan# 2849
Delta R.T. 0.000 min
Lab File: BG058522.D
Acq: 28 Jul 2023 17:37

Tgt Ion:244 Resp: 1514587
Ion Ratio Lower Upper
244 100
212 7.0 5.9 8.9
122 8.4 6.8 10.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.510 min Scan# 30
 Delta R.T. -0.006 min
 Lab File: BG058522.D
 Acq: 28 Jul 2023 17:37

Instrument :
 BNA_G
 ClientSampleId :
 PB154164BL

Tgt Ion:264 Resp: 383990
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.4 27.6
 265 21.4 17.9 26.9

