

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112122\
 Data File : BG055714.D
 Acq On : 21 Nov 2022 14:03
 Operator : CG/JU
 Sample : N5678-21
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 250FB-BP-BACKFILL-11

Quant Time: Nov 22 02:03:02 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 17 02:02:46 2022
 Response via : Initial Calibration

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

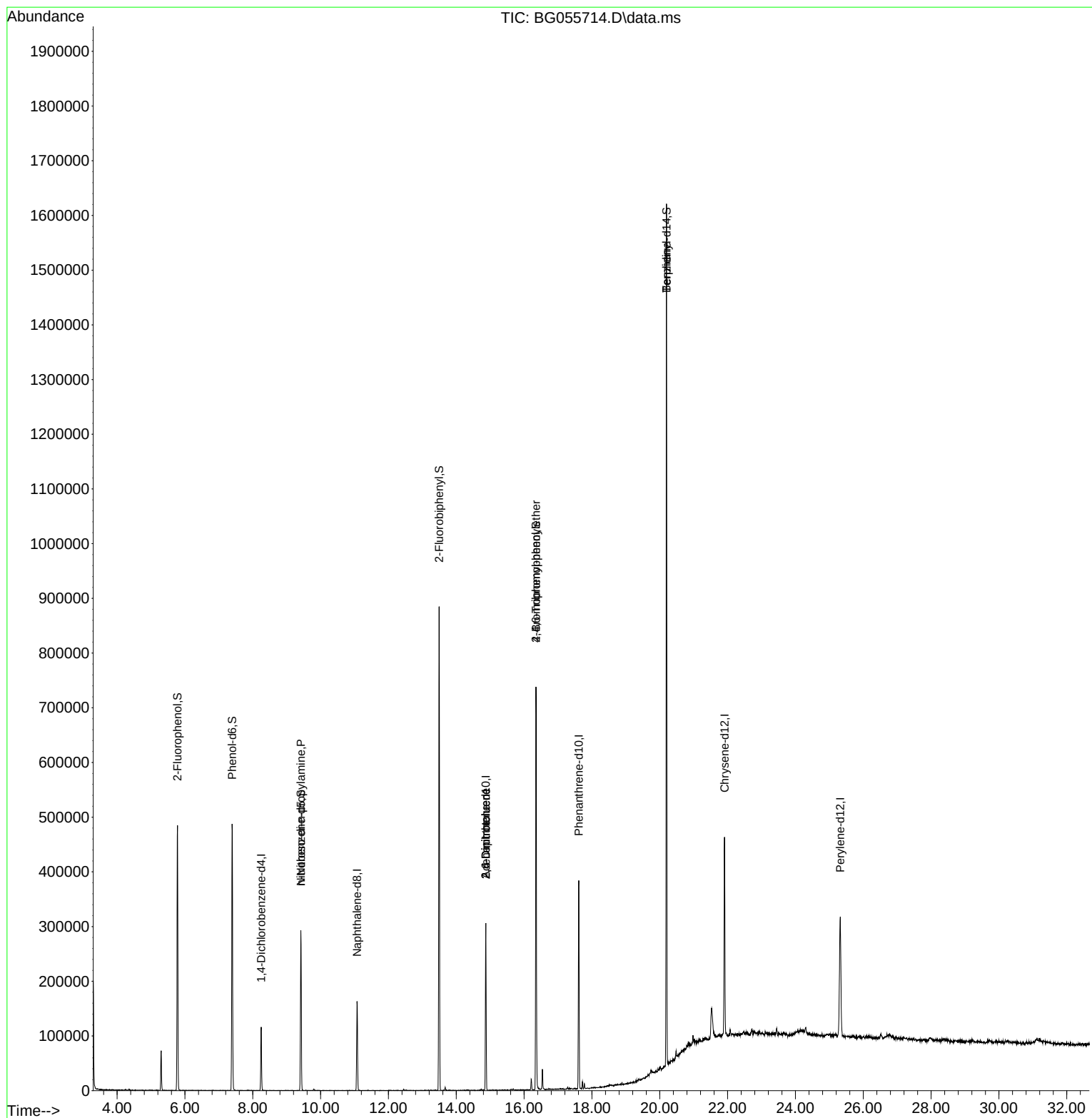
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.247	152	33150	20.000	ng	0.00
21) Naphthalene-d8	11.074	136	142581	20.000	ng	-0.01
39) Acenaphthene-d10	14.869	164	108166	20.000	ng	0.00
64) Phenanthrene-d10	17.613	188	257115	20.000	ng	0.00
76) Chrysene-d12	21.908	240	232458	20.000	ng	-0.01
86) Perylene-d12	25.322	264	244777	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.780	112	206531	112.612	ng	0.00
7) Phenol-d6	7.390	99	271255	111.108	ng	0.00
23) Nitrobenzene-d5	9.417	82	171649	63.630	ng	-0.01
42) 2,4,6-Tribromophenol	16.350	330	162785	106.876	ng	0.00
45) 2-Fluorobiphenyl	13.494	172	460841	63.828	ng	0.00
79) Terphenyl-d14	20.198	244	788245	67.823	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.417	70	23153	12.343	ng	# 80
51) 2,6-Dinitrotoluene	14.869	165	14187	8.047	ng	# 24
57) 2,4-Dinitrotoluene	14.869	165	14187	5.707	ng	# 22
67) 4-Bromophenyl-phenylether	16.350	248	10174	3.473	ng	# 1
77) Benzidine	20.198	184	12283	2.284	ng	# 92

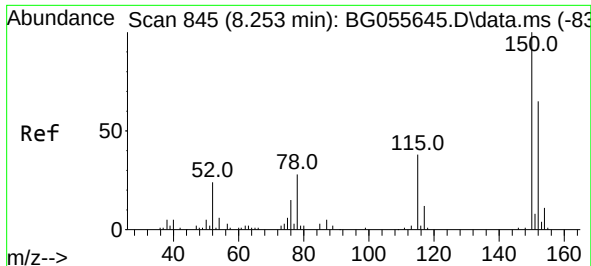
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112122\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 17 02:02:46 2022
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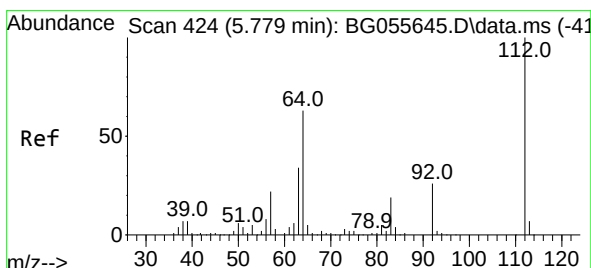
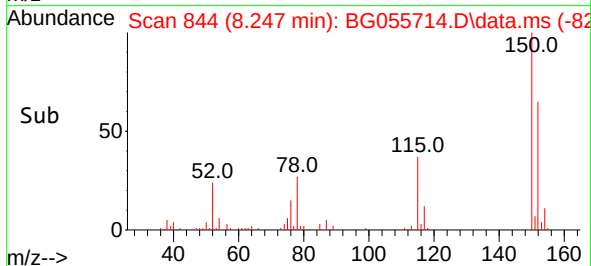
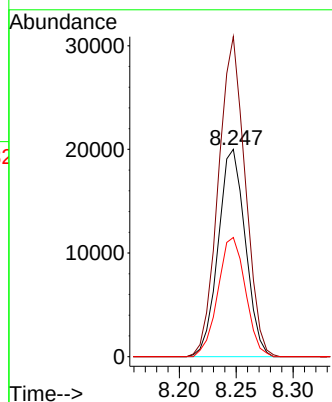
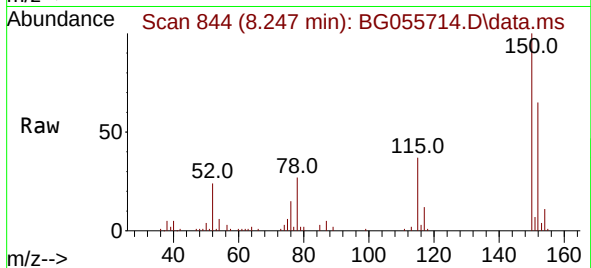




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.247 min Scan# 845
Delta R.T. -0.006 min
Lab File: BG055714.D
Acq: 21 Nov 2022 14:03

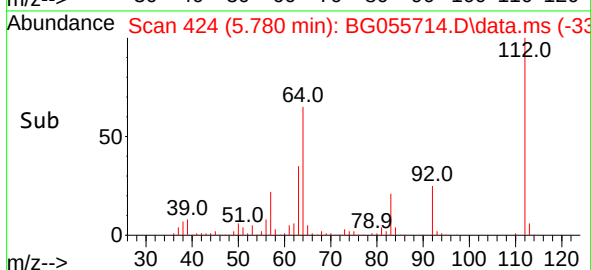
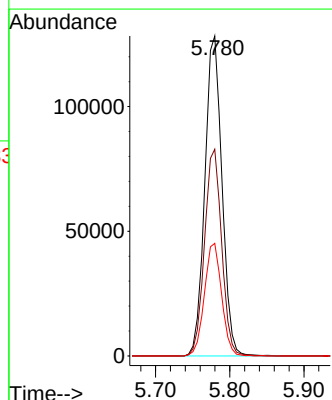
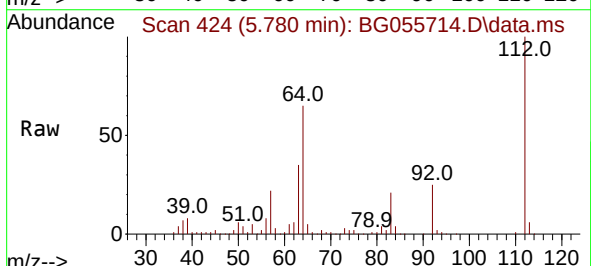
Instrument :
BNA_G
ClientSampleId :
250FB-BP-BACKFILL-11

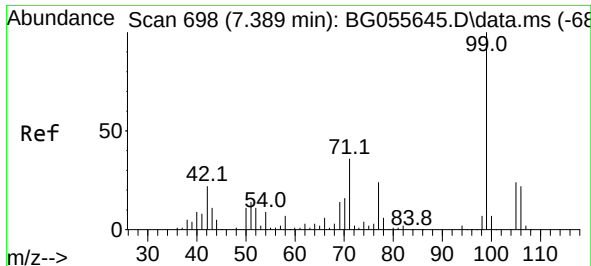
Tgt Ion:152 Resp: 33150
Ion Ratio Lower Upper
152 100
150 154.4 123.0 184.6
115 57.5 47.0 70.4



#5
2-Fluorophenol
Concen: 112.612 ng
RT: 5.780 min Scan# 424
Delta R.T. 0.001 min
Lab File: BG055714.D
Acq: 21 Nov 2022 14:03

Tgt Ion:112 Resp: 206531
Ion Ratio Lower Upper
112 100
64 64.6 50.6 76.0
63 35.2 27.5 41.3

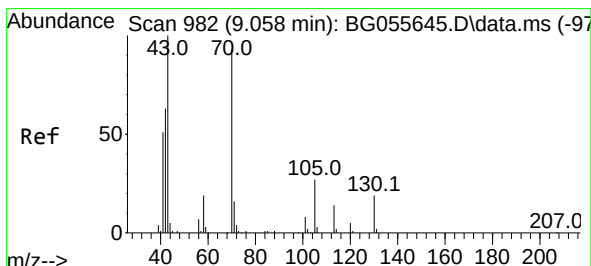
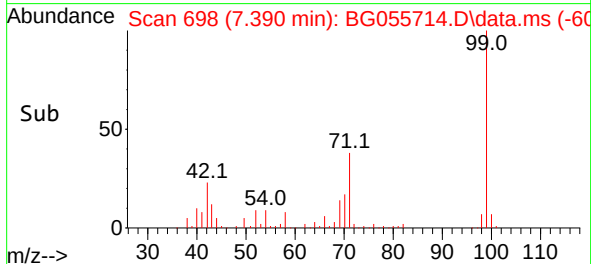
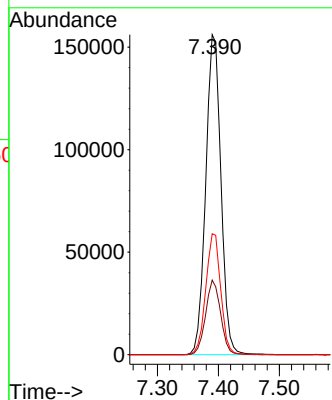
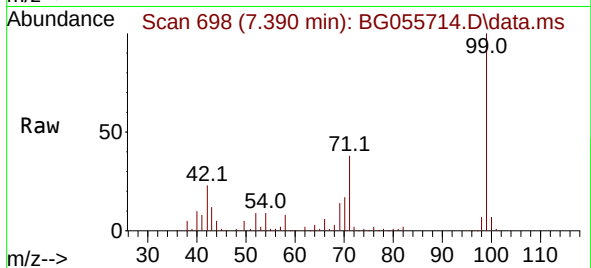




#7
Phenol-d6
Concen: 111.108 ng
RT: 7.390 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG055714.D
Acq: 21 Nov 2022 14:03

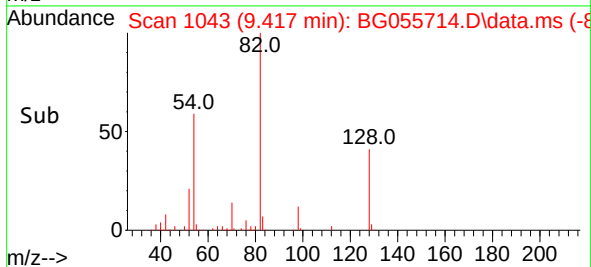
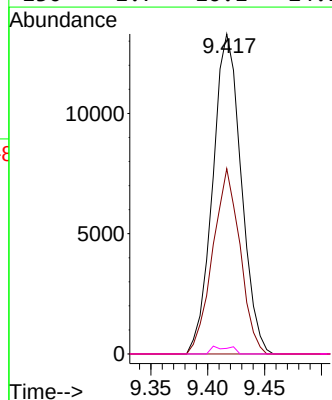
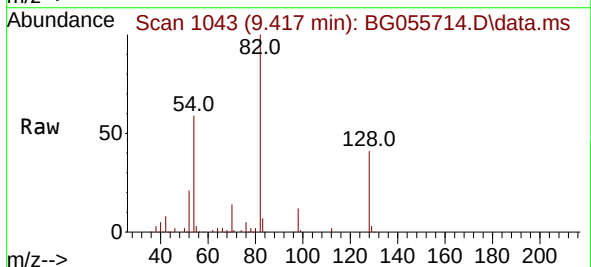
Instrument :
BNA_G
ClientSampleId :
250FB-BP-BACKFILL-11

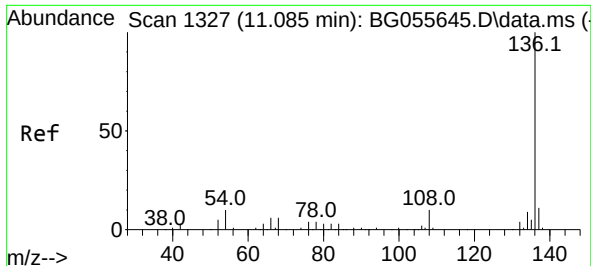
Tgt Ion: 99 Resp: 271255
Ion Ratio Lower Upper
99 100
42 23.3 18.0 27.0
71 37.8 29.0 43.6



#19
n-Nitroso-di-n-propylamine
Concen: 12.343 ng
RT: 9.417 min Scan# 1043
Delta R.T. 0.359 min
Lab File: BG055714.D
Acq: 21 Nov 2022 14:03

Tgt Ion: 70 Resp: 23153
Ion Ratio Lower Upper
70 100
42 57.9 55.2 82.8
101 0.0 7.1 10.7#
130 1.7 16.1 24.1#

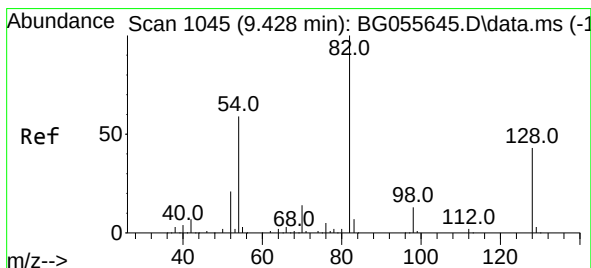
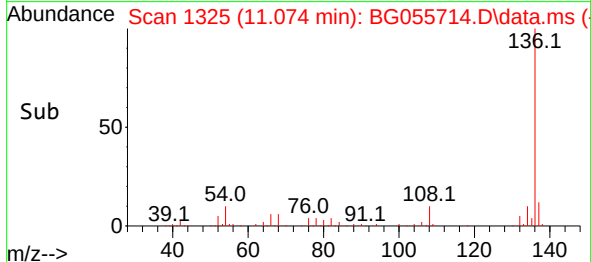
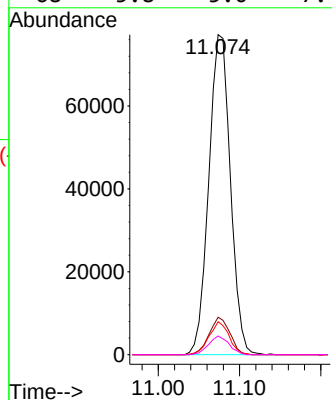
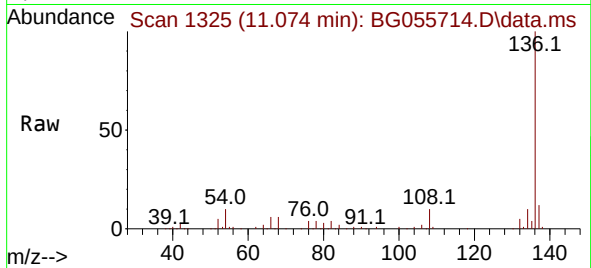




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.074 min Scan# 11
Delta R.T. -0.011 min
Lab File: BG055714.D
Acq: 21 Nov 2022 14:03

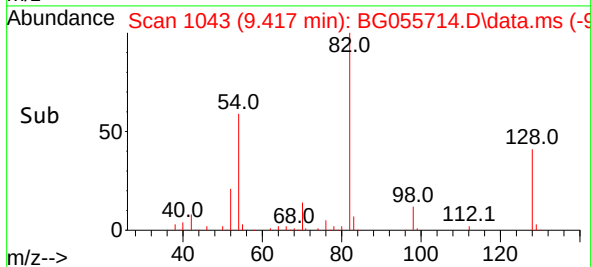
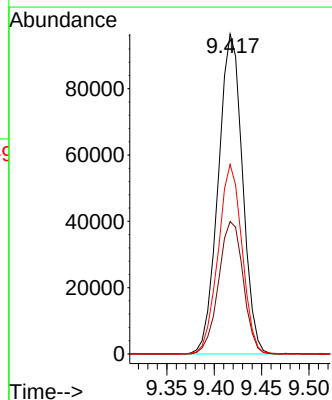
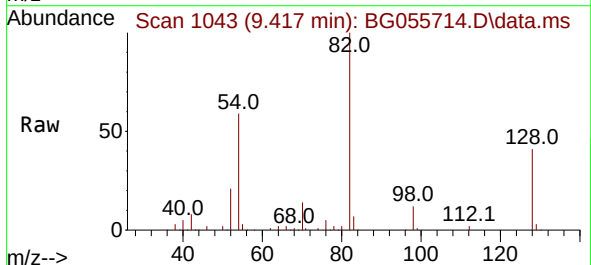
Instrument :
BNA_G
ClientSampleId :
250FB-BP-BACKFILL-11

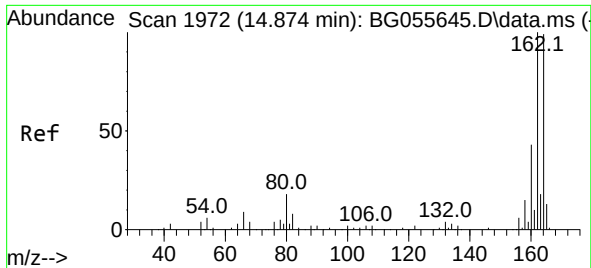
Tgt Ion:	136	Resp:	142581
Ion Ratio	Lower	Upper	
136	100		
137	11.7	9.0	13.6
54	10.3	7.8	11.6
68	5.8	5.0	7.4



#23
Nitrobenzene-d5
Concen: 63.630 ng
RT: 9.417 min Scan# 1043
Delta R.T. -0.011 min
Lab File: BG055714.D
Acq: 21 Nov 2022 14:03

Tgt Ion:	82	Resp:	171649
Ion Ratio	Lower	Upper	
82	100		
128	41.4	34.1	51.1
54	59.2	47.3	70.9

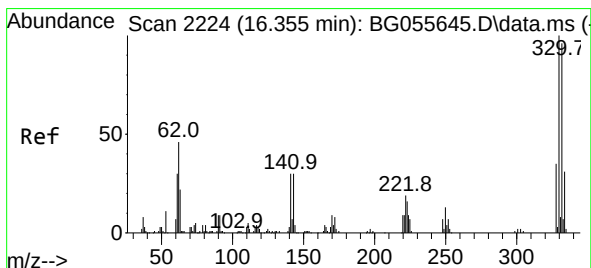
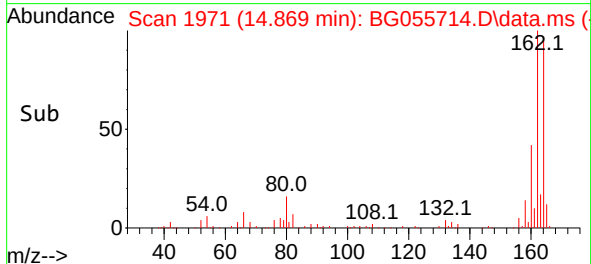
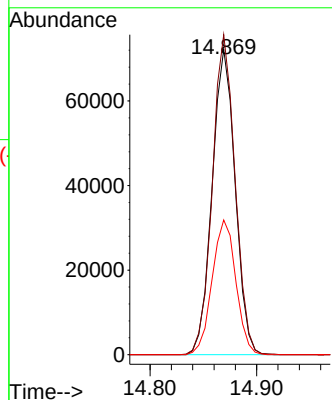
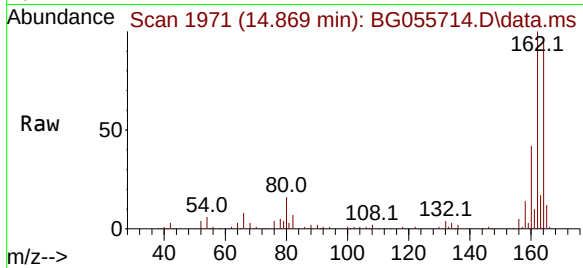




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.869 min Scan# 1972
Delta R.T. -0.005 min
Lab File: BG055714.D
Acq: 21 Nov 2022 14:03

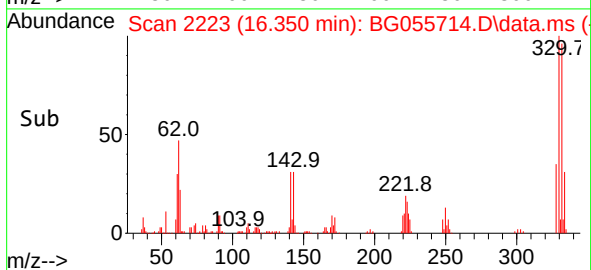
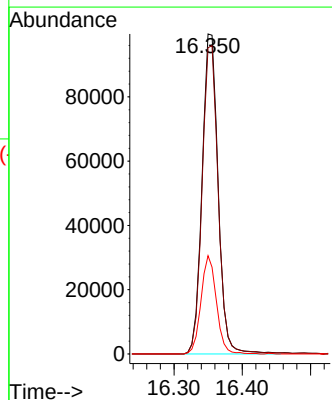
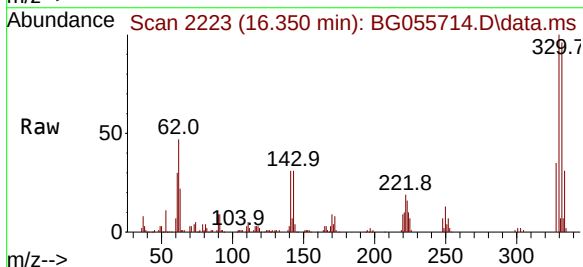
Instrument :
BNA_G
ClientSampleId :
250FB-BP-BACKFILL-11

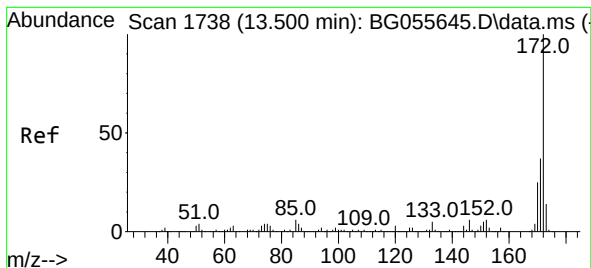
Tgt Ion:164 Resp: 108166
Ion Ratio Lower Upper
164 100
162 104.8 81.1 121.7
160 44.1 34.8 52.2



#42
2,4,6-Tribromophenol
Concen: 106.876 ng
RT: 16.350 min Scan# 2223
Delta R.T. -0.005 min
Lab File: BG055714.D
Acq: 21 Nov 2022 14:03

Tgt Ion:330 Resp: 162785
Ion Ratio Lower Upper
330 100
332 96.8 77.8 116.8
141 29.4 23.9 35.9





#45

2-Fluorobiphenyl

Concen: 63.828 ng

RT: 13.494 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG055714.D

Acq: 21 Nov 2022 14:03

Instrument :

BNA_G

ClientSampleId :

250FB-BP-BACKFILL-11

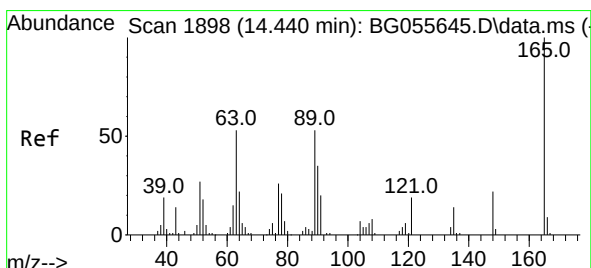
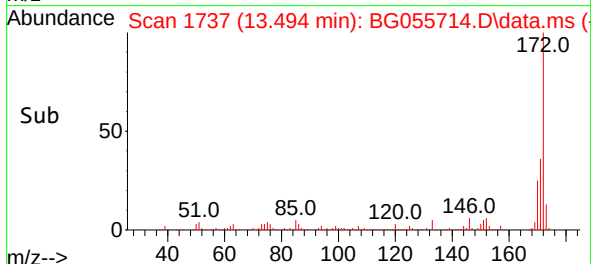
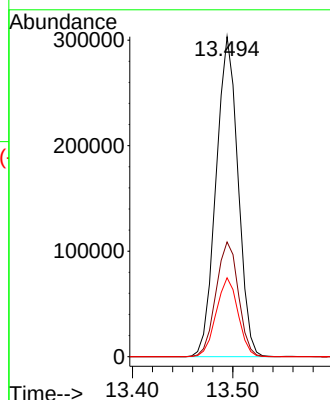
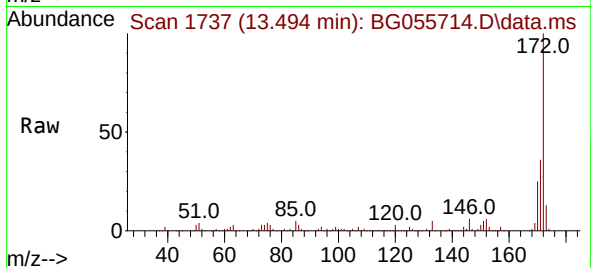
Tgt Ion:172 Resp: 460841

Ion Ratio Lower Upper

172 100

171 35.8 29.8 44.6

170 24.7 20.2 30.4



#51

2,6-Dinitrotoluene

Concen: 8.047 ng

RT: 14.869 min Scan# 1971

Delta R.T. 0.430 min

Lab File: BG055714.D

Acq: 21 Nov 2022 14:03

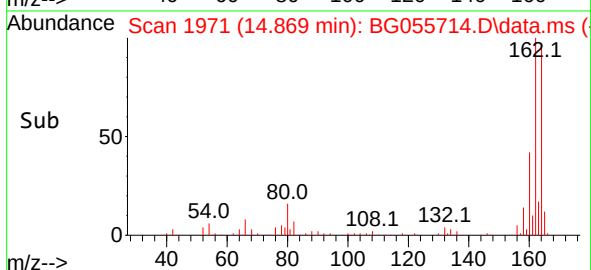
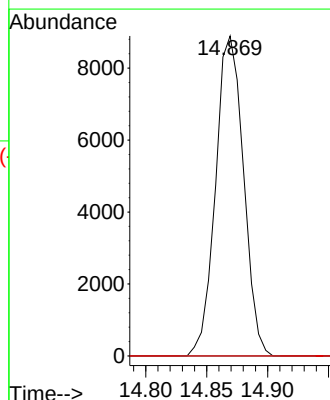
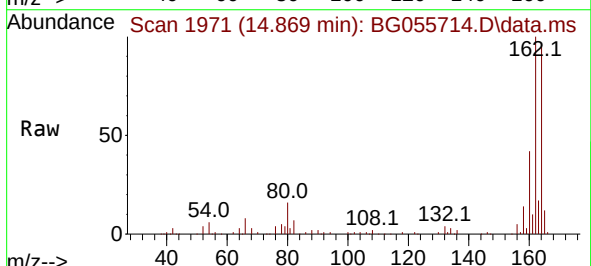
Tgt Ion:165 Resp: 14187

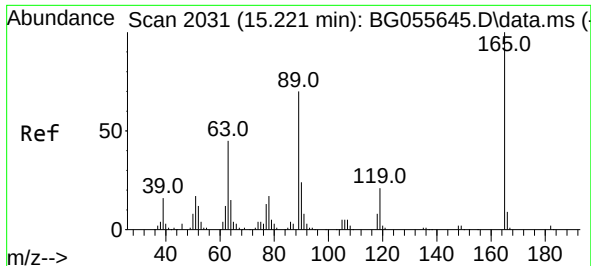
Ion Ratio Lower Upper

165 100

63 0.0 44.6 66.8#

89 0.0 42.2 63.4#





#57

2,4-Dinitrotoluene

Concen: 5.707 ng

RT: 14.869 min Scan# 1971

Delta R.T. -0.352 min

Lab File: BG055714.D

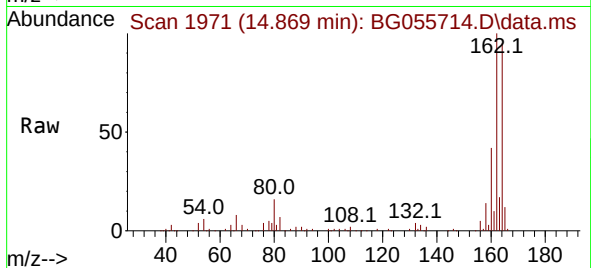
Acq: 21 Nov 2022 14:03

Instrument :

BNA_G

ClientSampleId :

250FB-BP-BACKFILL-11



Tgt Ion:165 Resp: 14187

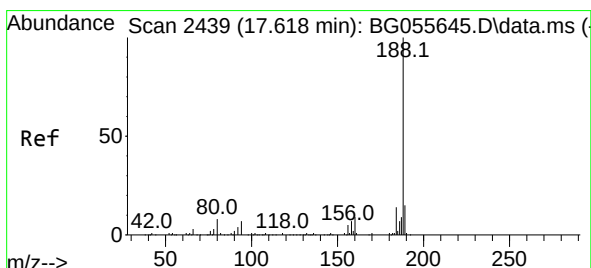
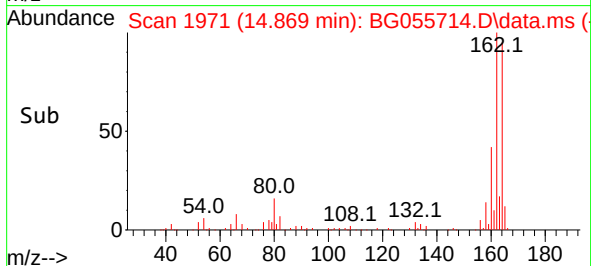
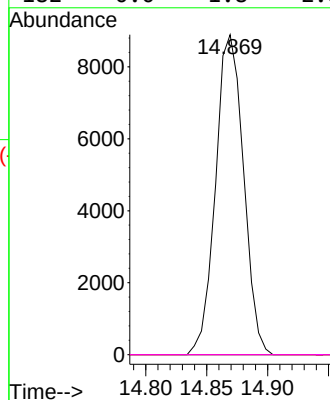
Ion Ratio Lower Upper

165 100

63 0.0 35.8 53.8#

89 0.0 56.2 84.4#

182 0.0 1.8 2.8#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.613 min Scan# 2438

Delta R.T. -0.005 min

Lab File: BG055714.D

Acq: 21 Nov 2022 14:03

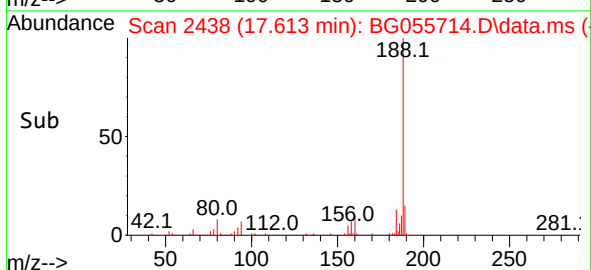
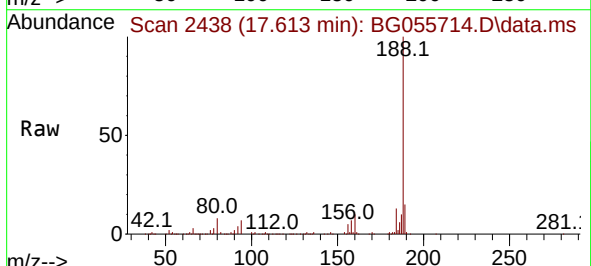
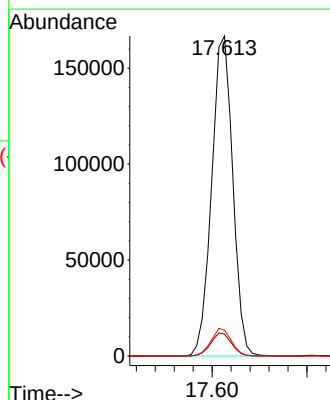
Tgt Ion:188 Resp: 257115

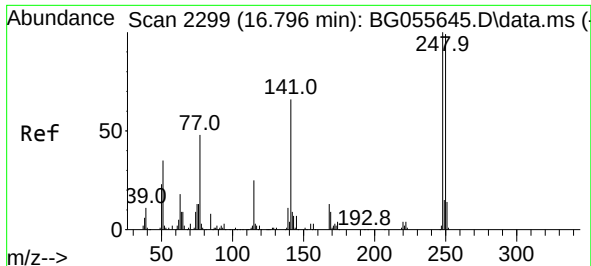
Ion Ratio Lower Upper

188 100

94 6.8 5.4 8.2

80 8.0 6.6 10.0





#67

4-Bromophenyl-phenylether

Concen: 3.473 ng

RT: 16.350 min Scan# 21

Delta R.T. -0.446 min

Lab File: BG055714.D

Acq: 21 Nov 2022 14:03

Instrument :

BNA_G

ClientSampleId :

250FB-BP-BACKFILL-11

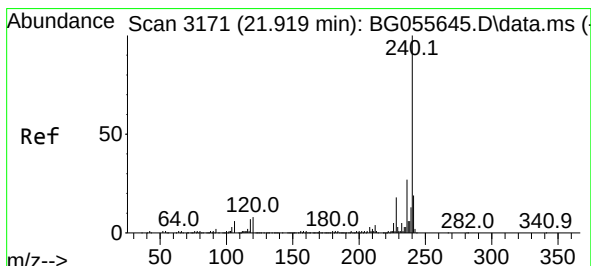
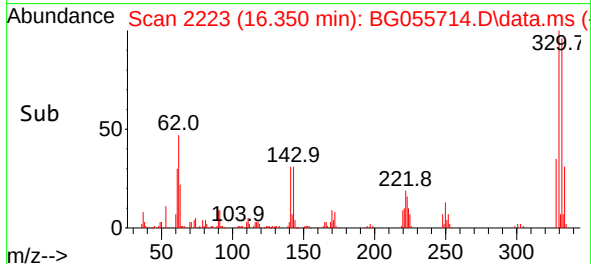
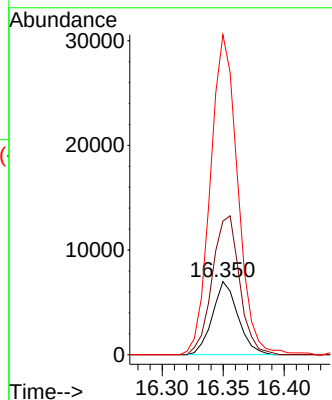
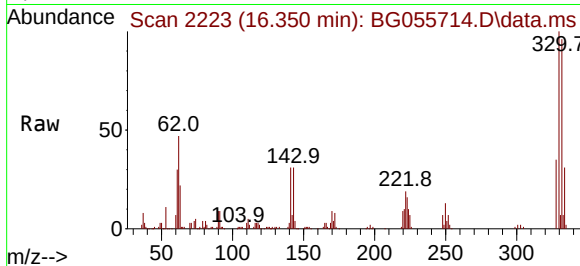
Tgt Ion:248 Resp: 10174

Ion Ratio Lower Upper

248 100

250 182.6 79.0 118.4#

141 437.6 52.9 79.3#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.908 min Scan# 3169

Delta R.T. -0.011 min

Lab File: BG055714.D

Acq: 21 Nov 2022 14:03

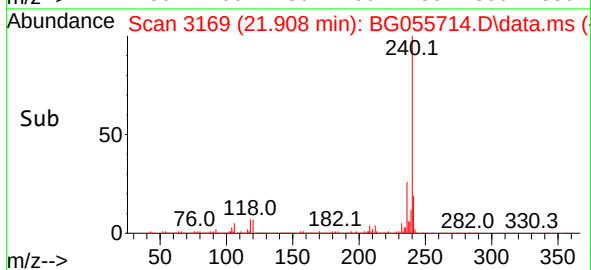
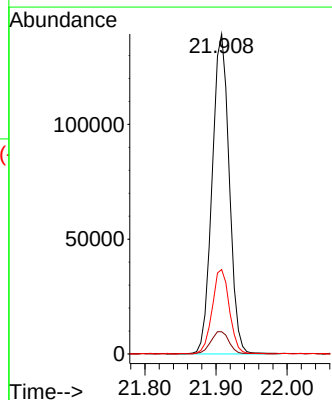
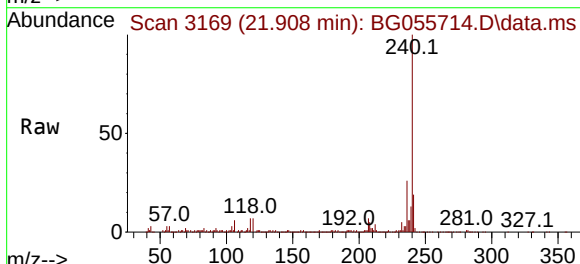
Tgt Ion:240 Resp: 232458

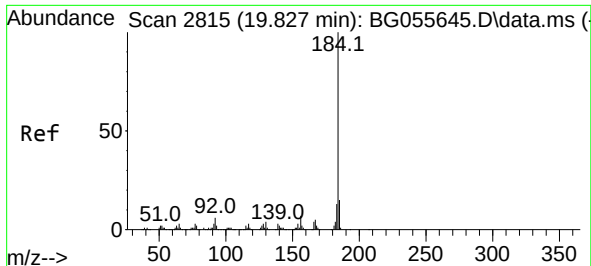
Ion Ratio Lower Upper

240 100

120 7.0 6.3 9.5

236 26.4 21.9 32.9

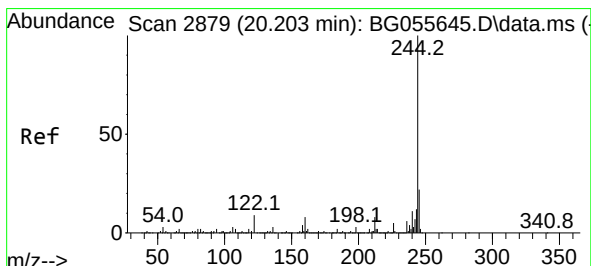
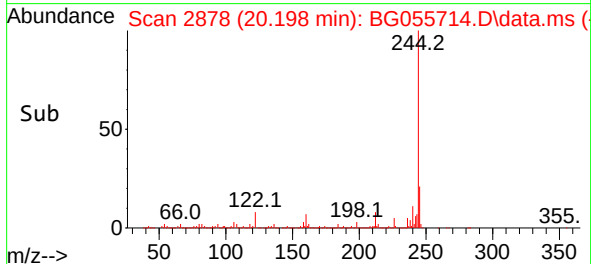
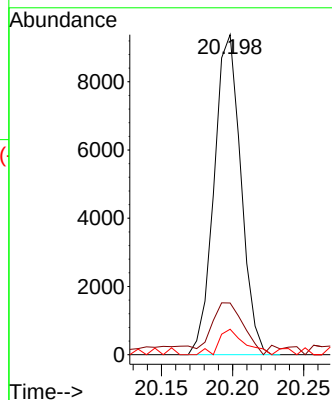
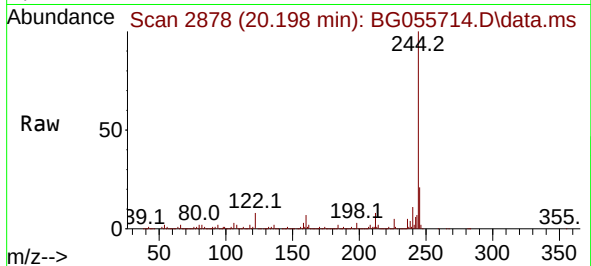




#77
Benzidine
Concen: 2.284 ng
RT: 20.198 min Scan# 2815
Delta R.T. 0.371 min
Lab File: BG055714.D
Acq: 21 Nov 2022 14:03

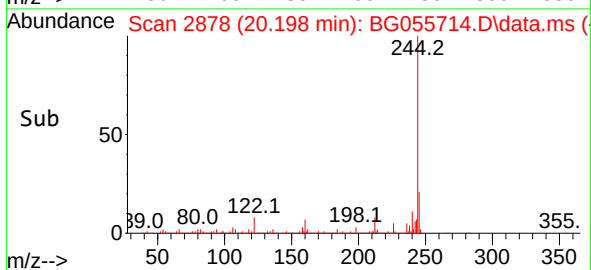
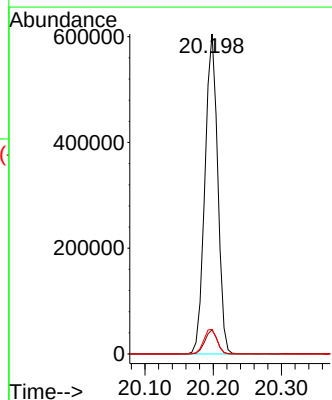
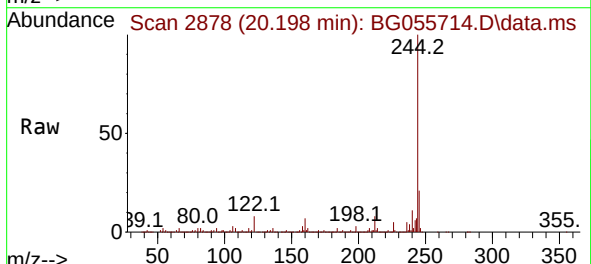
Instrument :
BNA_G
ClientSampleId :
250FB-BP-BACKFILL-11

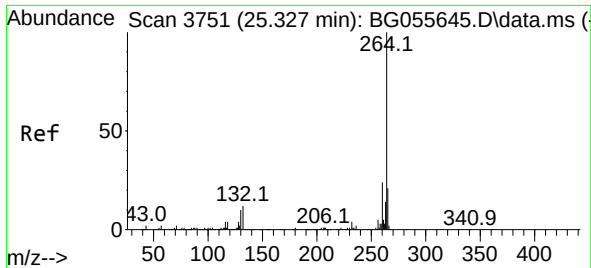
Tgt Ion:184 Resp: 12283
Ion Ratio Lower Upper
184 100
185 16.1 11.8 17.8
183 7.9 10.6 15.8#



#79
Terphenyl-d14
Concen: 67.823 ng
RT: 20.198 min Scan# 2878
Delta R.T. -0.005 min
Lab File: BG055714.D
Acq: 21 Nov 2022 14:03

Tgt Ion:244 Resp: 788245
Ion Ratio Lower Upper
244 100
212 7.6 6.3 9.5
122 7.7 6.9 10.3





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.322 min Scan# 31
 Delta R.T. -0.005 min
 Lab File: BG055714.D
 Acq: 21 Nov 2022 14:03

Instrument :
 BNA_G
 ClientSampleId :
 250FB-BP-BACKFILL-11

Tgt Ion:264 Resp: 244777
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.5 29.3
 265 22.0 17.1 25.7

