

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112522\
 Data File : BG055789.D
 Acq On : 25 Nov 2022 20:44
 Operator : CG/JU
 Sample : N5747-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 26 00:29:21 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 24 06:05:02 2022
 Response via : Initial Calibration

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

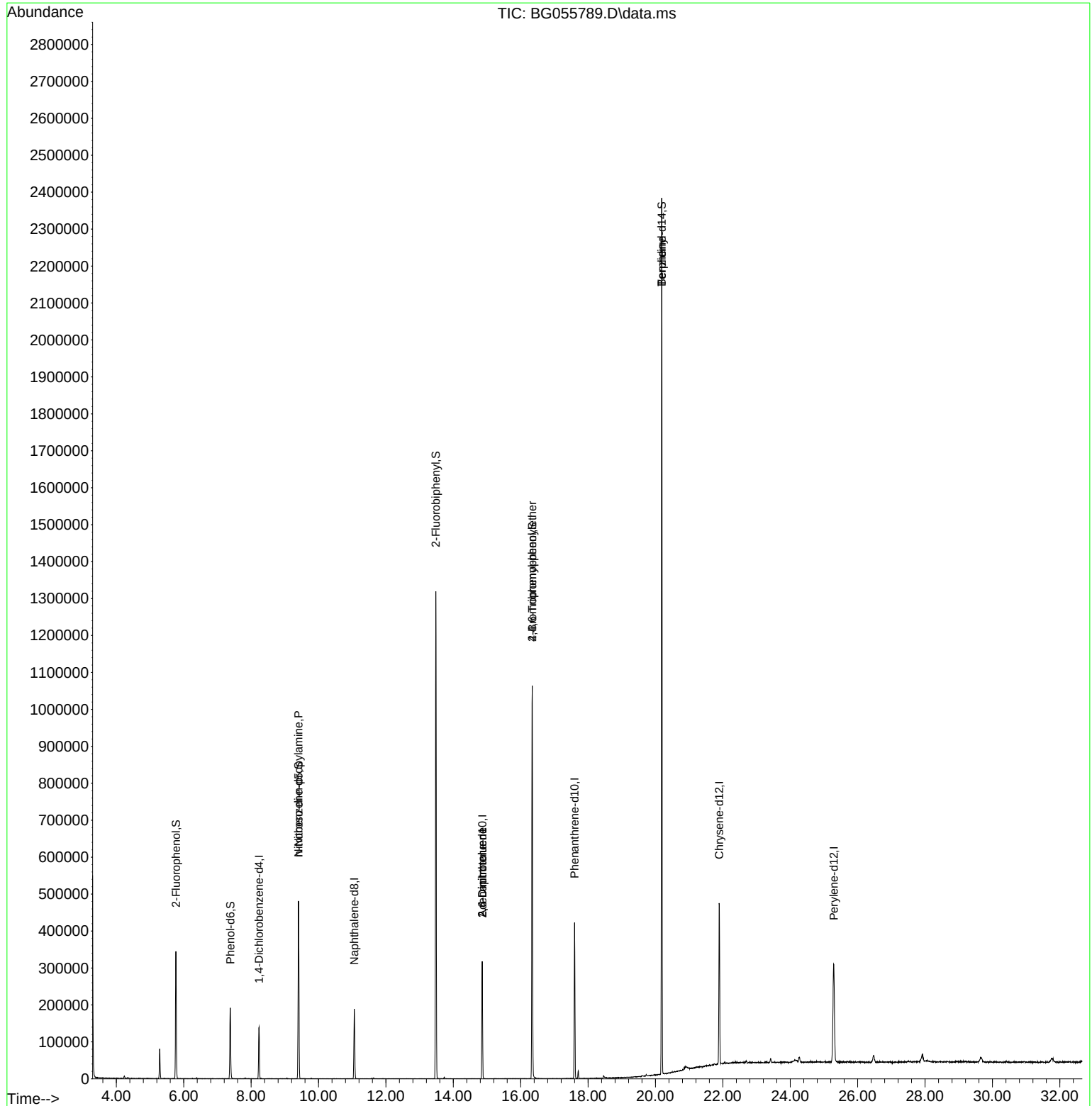
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.235	152	41645	20.000	ng	0.00
21) Naphthalene-d8	11.061	136	165865	20.000	ng	0.00
39) Acenaphthene-d10	14.856	164	115622	20.000	ng	0.00
64) Phenanthrene-d10	17.600	188	280083	20.000	ng	0.00
76) Chrysene-d12	21.889	240	282117	20.000	ng	-0.01
86) Perylene-d12	25.291	264	292415	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.767	112	151129	65.595	ng	0.00
7) Phenol-d6	7.383	99	115515	37.664	ng	0.00
23) Nitrobenzene-d5	9.404	82	290434	92.550	ng	0.00
42) 2,4,6-Tribromophenol	16.343	330	227457	139.706	ng	0.00
45) 2-Fluorobiphenyl	13.481	172	702825	91.066	ng	0.00
79) Terphenyl-d14	20.185	244	1173210	83.177	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.404	70	38548	16.358	ng	# 76
51) 2,6-Dinitrotoluene	14.856	165	14812	7.860	ng	# 26
57) 2,4-Dinitrotoluene	14.856	165	14812	5.575	ng	# 24
67) 4-Bromophenyl-phenylether	16.343	248	15252	4.779	ng	# 1
77) Benzydine	20.185	184	17990	2.756	ng	# 90

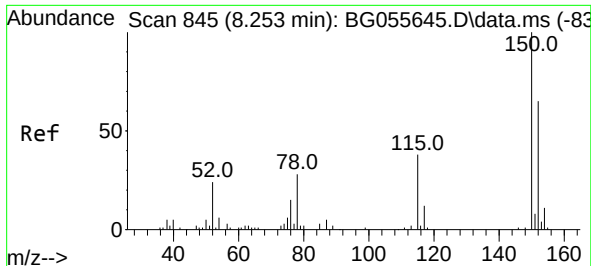
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112522\
Data File : BG055789.D
Acq On : 25 Nov 2022 20:44
Operator : CG/JU
Sample : N5747-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

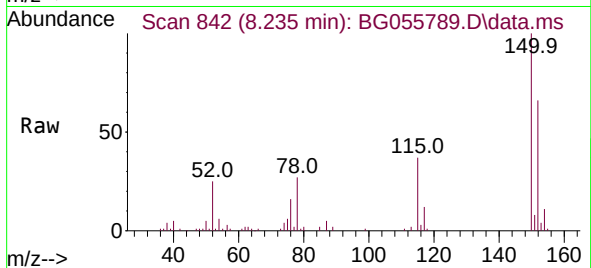
Quant Time: Nov 26 00:29:21 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 24 06:05:02 2022
Response via : Initial Calibration



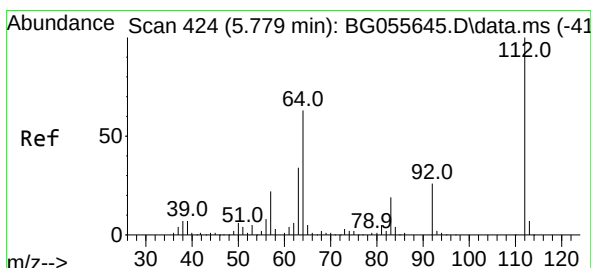
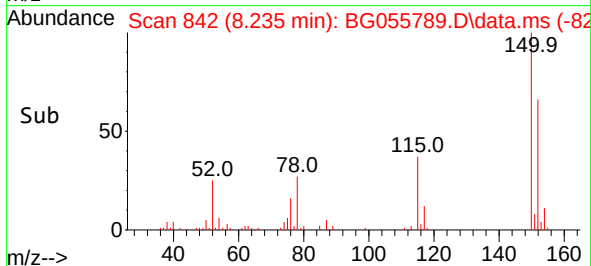
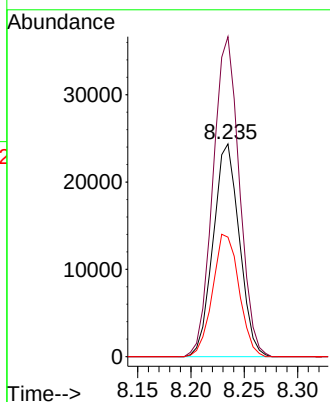


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.235 min Scan# 84
Delta R.T. -0.001 min
Lab File: BG055789.D
Acq: 25 Nov 2022 20:44

Instrument :
BNA_G
ClientSampleId :

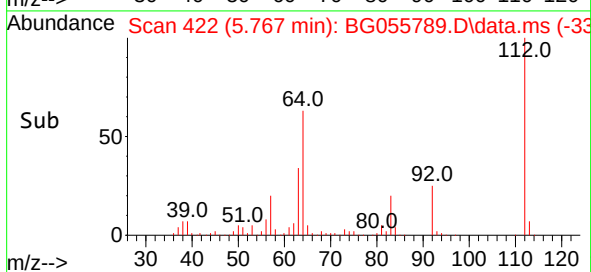
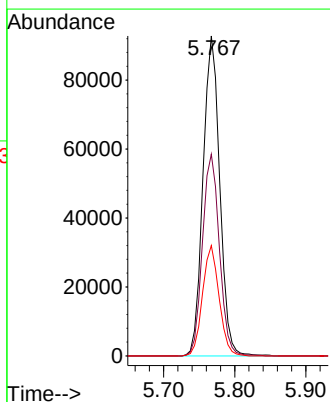
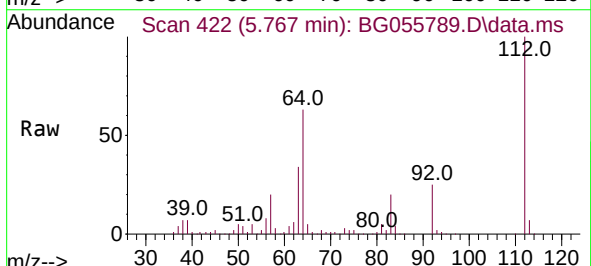


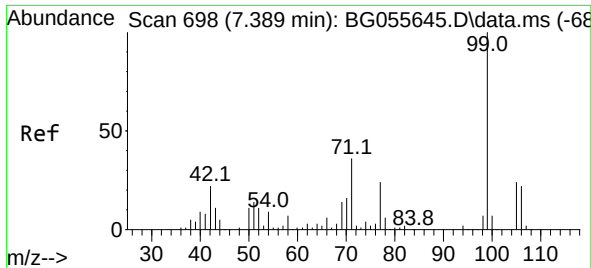
Tgt Ion:152 Resp: 41645
Ion Ratio Lower Upper
152 100
150 150.5 123.0 184.6
115 56.2 47.0 70.4



#5
2-Fluorophenol
Concen: 65.595 ng
RT: 5.767 min Scan# 422
Delta R.T. -0.001 min
Lab File: BG055789.D
Acq: 25 Nov 2022 20:44

Tgt Ion:112 Resp: 151129
Ion Ratio Lower Upper
112 100
64 63.0 50.6 76.0
63 34.5 27.5 41.3

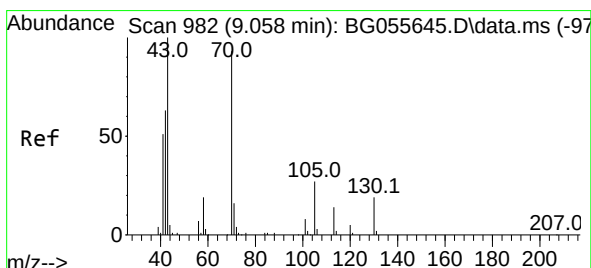
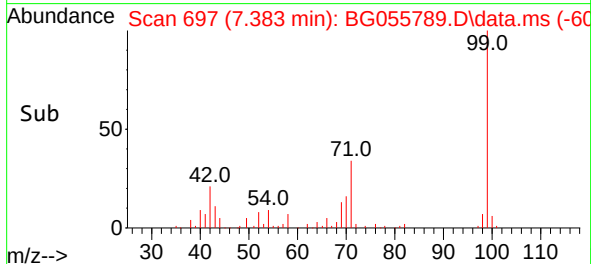
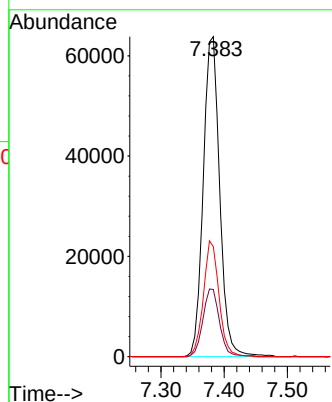
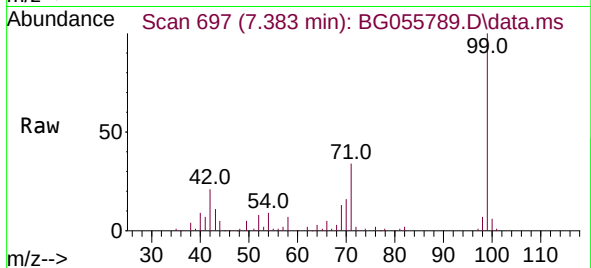




#7
Phenol-d6
Concen: 37.664 ng
RT: 7.383 min Scan# 69
Delta R.T. -0.001 min
Lab File: BG055789.D
Acq: 25 Nov 2022 20:44

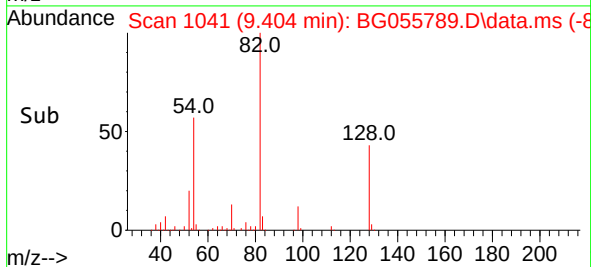
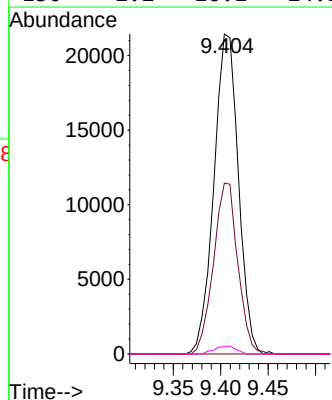
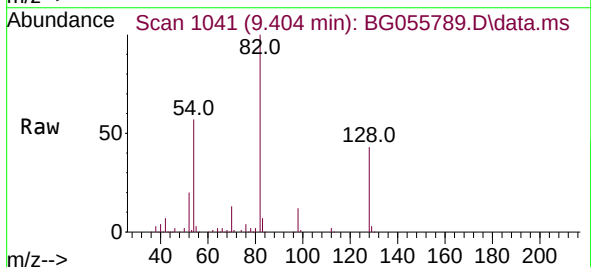
Instrument :
BNA_G
ClientSampleId :

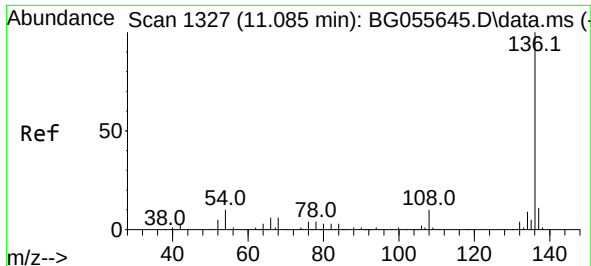
Tgt Ion: 99 Resp: 115515
Ion Ratio Lower Upper
99 100
42 21.0 18.0 27.0
71 34.4 29.0 43.6



#19
n-Nitroso-di-n-propylamine
Concen: 16.358 ng
RT: 9.404 min Scan# 1041
Delta R.T. 0.358 min
Lab File: BG055789.D
Acq: 25 Nov 2022 20:44

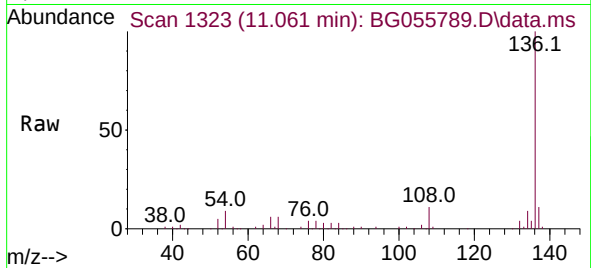
Tgt Ion: 70 Resp: 38548
Ion Ratio Lower Upper
70 100
42 53.4 55.2 82.8#
101 0.0 7.1 10.7#
130 2.2 16.1 24.1#



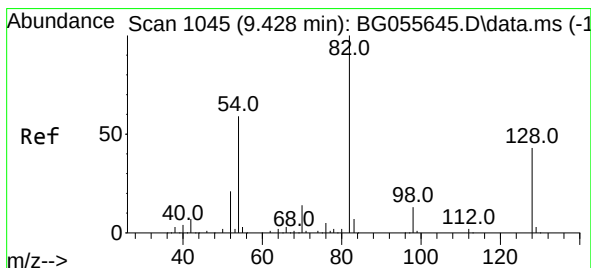
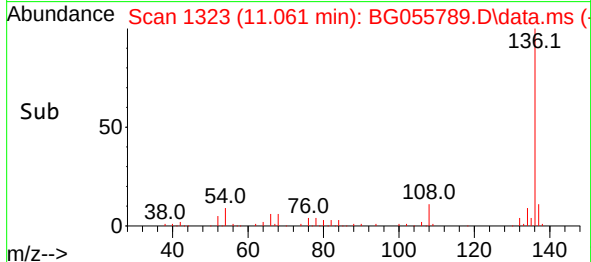
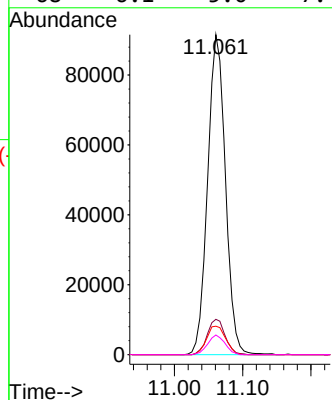


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.061 min Scan# 1327
Delta R.T. -0.007 min
Lab File: BG055789.D
Acq: 25 Nov 2022 20:44

Instrument :
BNA_G
ClientSampleId :

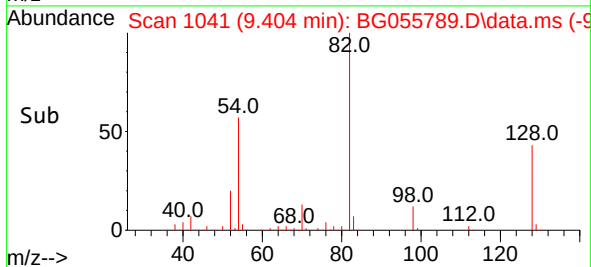
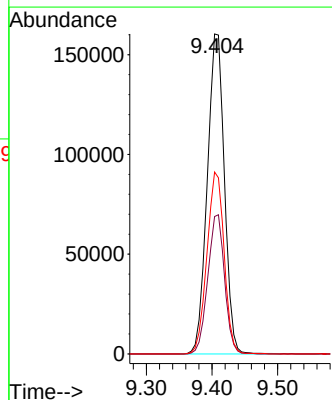
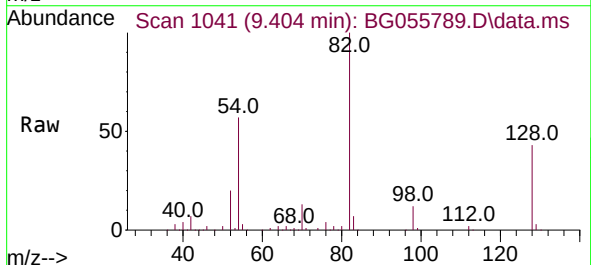


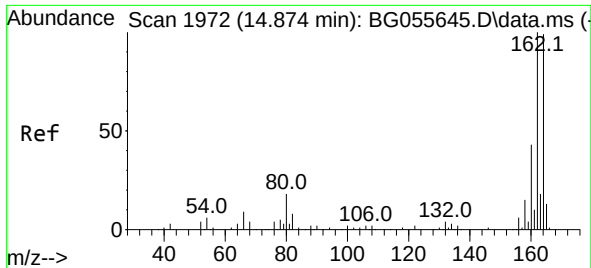
Tgt Ion:136 Resp: 165865
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.6
54 8.9 7.8 11.6
68 6.1 5.0 7.4



#23
Nitrobenzene-d5
Concen: 92.550 ng
RT: 9.404 min Scan# 1041
Delta R.T. -0.007 min
Lab File: BG055789.D
Acq: 25 Nov 2022 20:44

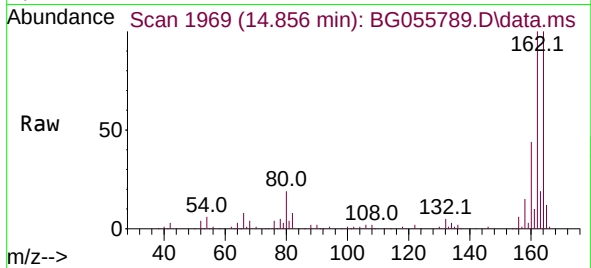
Tgt Ion: 82 Resp: 290434
Ion Ratio Lower Upper
82 100
128 42.9 34.1 51.1
54 56.9 47.3 70.9



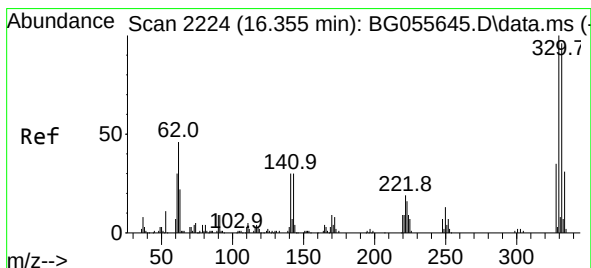
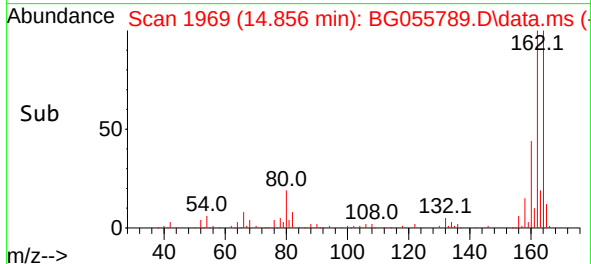
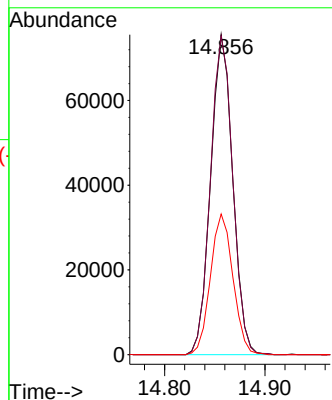


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.856 min Scan# 1972
Delta R.T. -0.007 min
Lab File: BG055789.D
Acq: 25 Nov 2022 20:44

Instrument :
BNA_G
ClientSampleId :

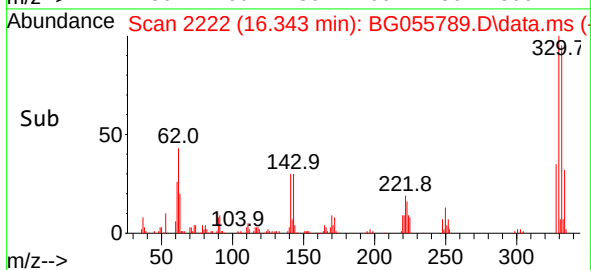
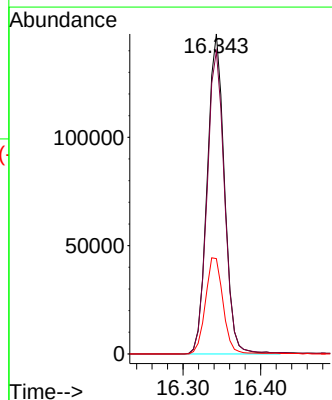
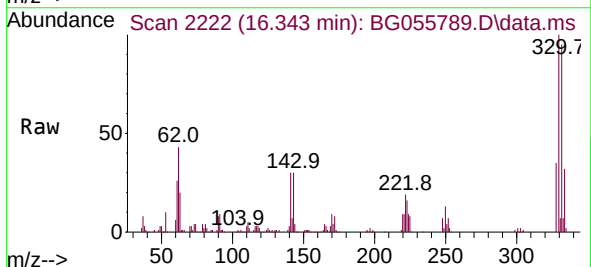


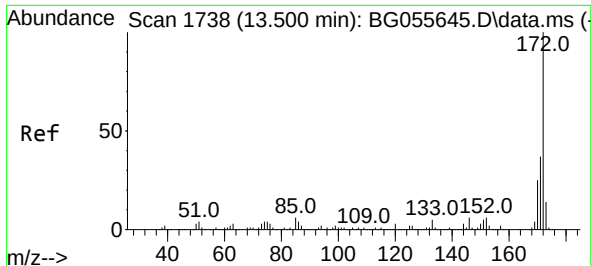
Tgt Ion:164 Resp: 115622
Ion Ratio Lower Upper
164 100
162 99.6 81.1 121.7
160 43.9 34.8 52.2



#42
2,4,6-Tribromophenol
Concen: 139.706 ng
RT: 16.343 min Scan# 2222
Delta R.T. -0.007 min
Lab File: BG055789.D
Acq: 25 Nov 2022 20:44

Tgt Ion:330 Resp: 227457
Ion Ratio Lower Upper
330 100
332 95.8 77.8 116.8
141 30.7 23.9 35.9





#45

2-Fluorobiphenyl

Concen: 91.066 ng

RT: 13.481 min Scan# 1

Delta R.T. -0.007 min

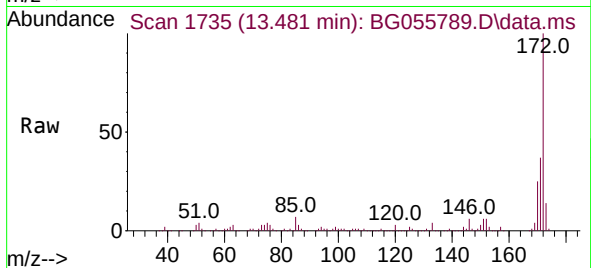
Lab File: BG055789.D

Acq: 25 Nov 2022 20:44

Instrument :

BNA_G

ClientSampleId :



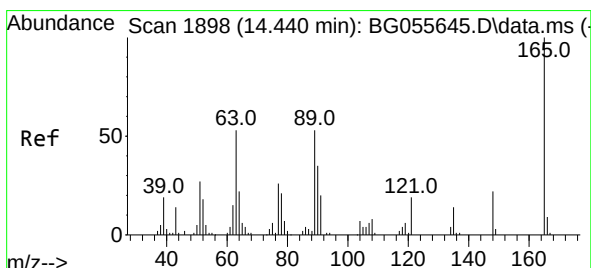
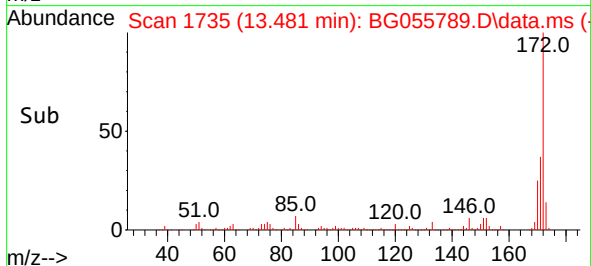
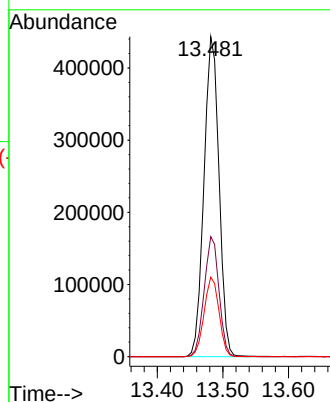
Tgt Ion:172 Resp: 702825

Ion Ratio Lower Upper

172 100

171 37.5 29.8 44.6

170 24.8 20.2 30.4



#51

2,6-Dinitrotoluene

Concen: 7.860 ng

RT: 14.856 min Scan# 1969

Delta R.T. 0.422 min

Lab File: BG055789.D

Acq: 25 Nov 2022 20:44

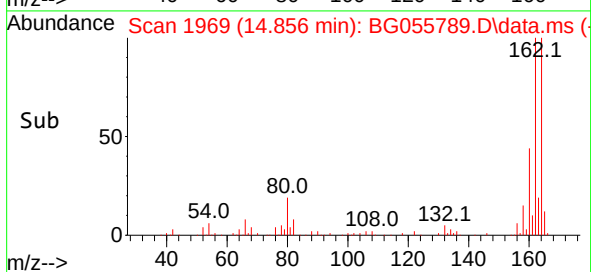
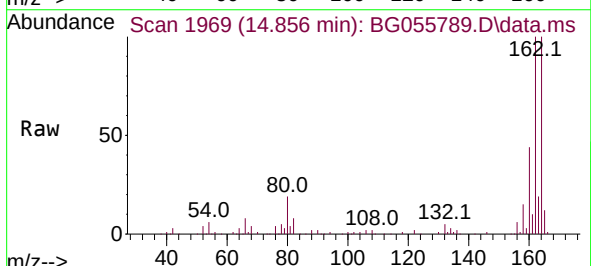
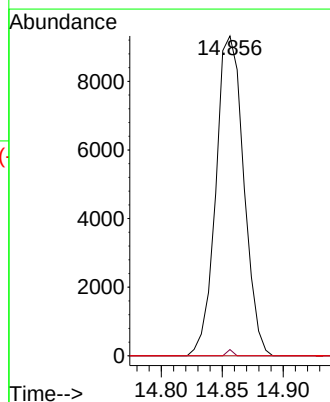
Tgt Ion:165 Resp: 14812

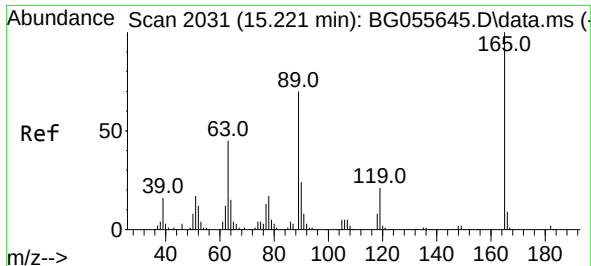
Ion Ratio Lower Upper

165 100

63 2.0 44.6 66.8#

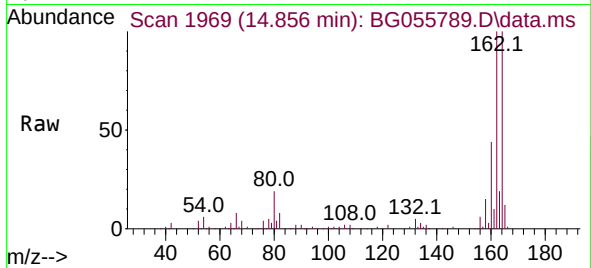
89 0.0 42.2 63.4#



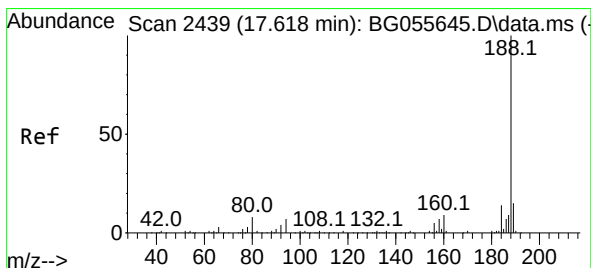
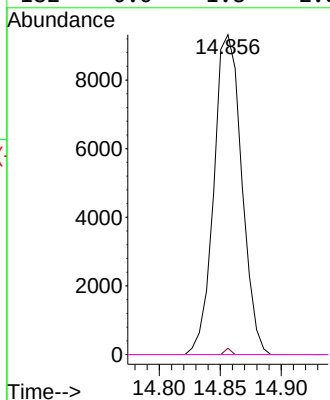
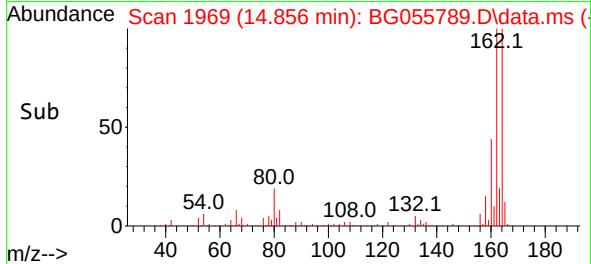


#57
2,4-Dinitrotoluene
Concen: 5.575 ng
RT: 14.856 min Scan# 19
Delta R.T. -0.359 min
Lab File: BG055789.D
Acq: 25 Nov 2022 20:44

Instrument :
BNA_G
ClientSampleId :

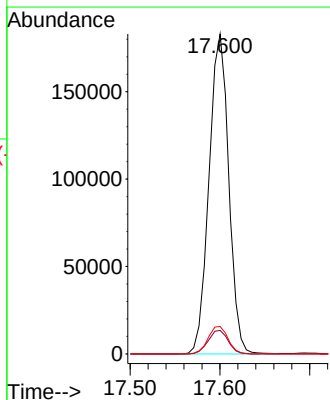
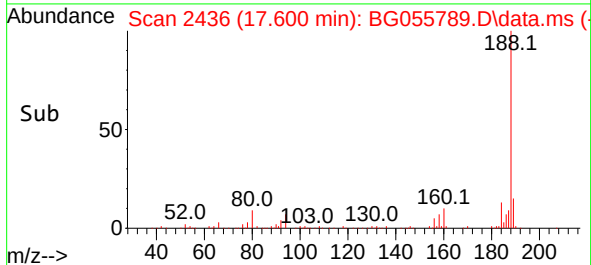
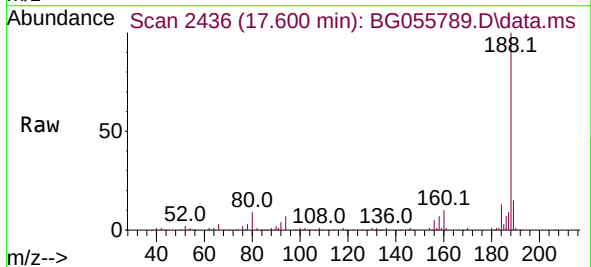


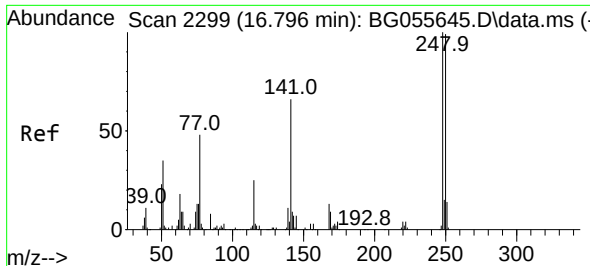
Tgt Ion:165 Resp: 14812
Ion Ratio Lower Upper
165 100
63 2.0 35.8 53.8#
89 0.0 56.2 84.4#
182 0.0 1.8 2.8#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.600 min Scan# 2436
Delta R.T. -0.007 min
Lab File: BG055789.D
Acq: 25 Nov 2022 20:44

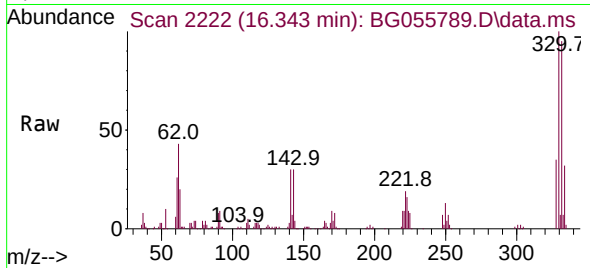
Tgt Ion:188 Resp: 280083
Ion Ratio Lower Upper
188 100
94 7.3 5.4 8.2
80 8.6 6.6 10.0



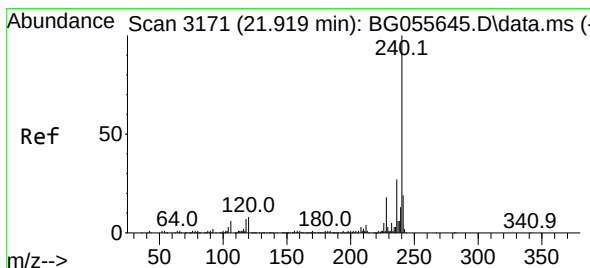
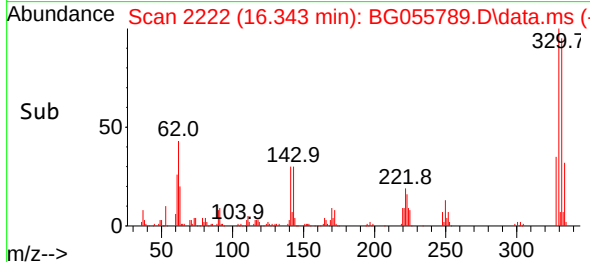
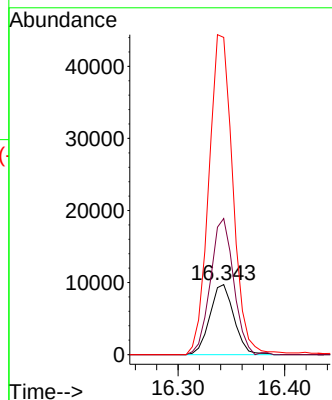


#67
4-Bromophenyl-phenylether
Concen: 4.779 ng
RT: 16.343 min Scan# 211
Delta R.T. -0.442 min
Lab File: BG055789.D
Acq: 25 Nov 2022 20:44

Instrument :
BNA_G
ClientSampleId :

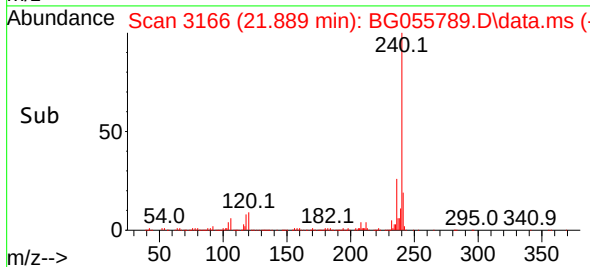
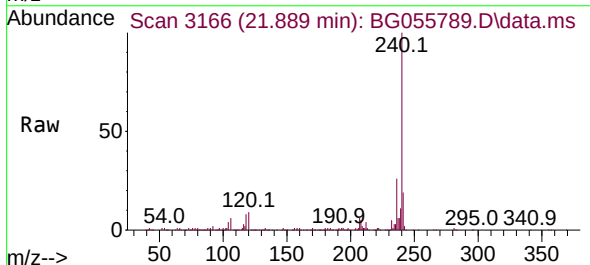
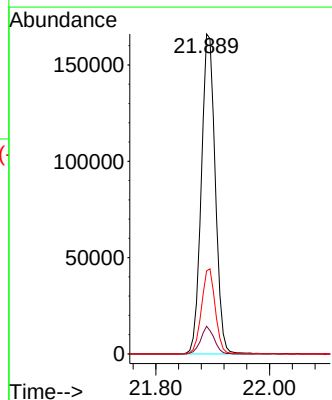


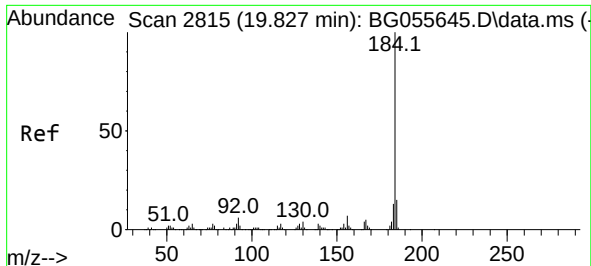
Tgt Ion:248 Resp: 15252
Ion Ratio Lower Upper
248 100
250 194.2 79.0 118.4#
141 452.9 52.9 79.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.889 min Scan# 3166
Delta R.T. -0.013 min
Lab File: BG055789.D
Acq: 25 Nov 2022 20:44

Tgt Ion:240 Resp: 282117
Ion Ratio Lower Upper
240 100
120 8.6 6.3 9.5
236 25.9 21.9 32.9

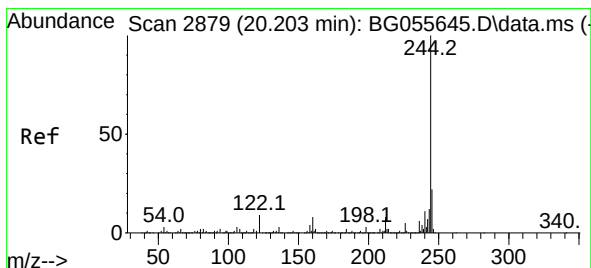
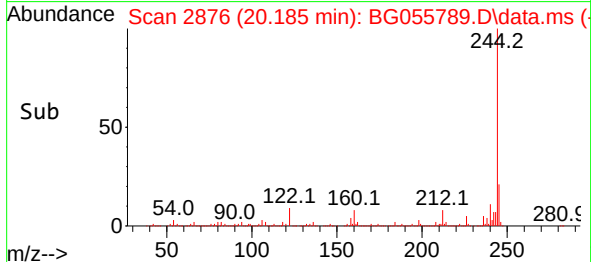
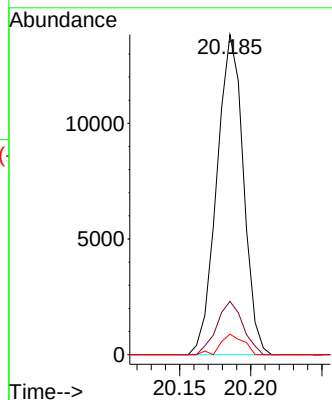
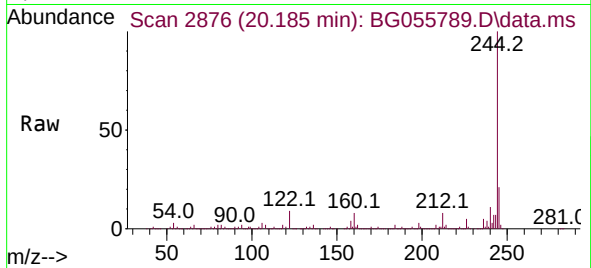




#77
Benzidine
Concen: 2.756 ng
RT: 20.185 min Scan# 2815
Delta R.T. 0.369 min
Lab File: BG055789.D
Acq: 25 Nov 2022 20:44

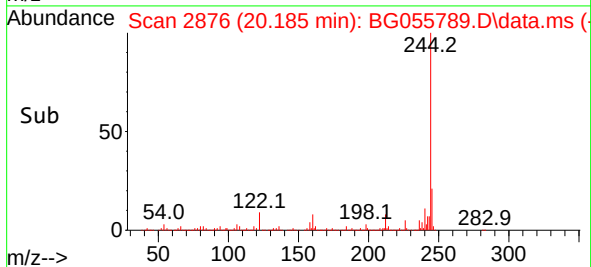
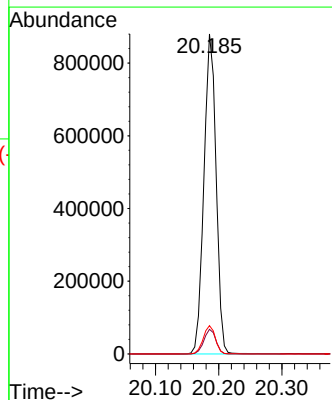
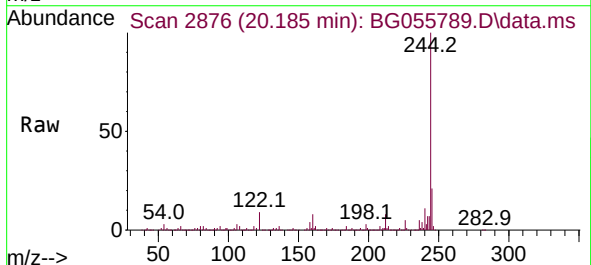
Instrument :
BNA_G
ClientSampleId :

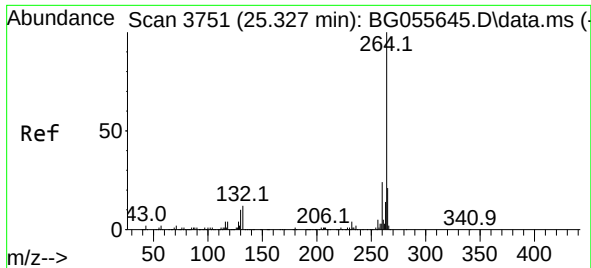
Tgt Ion:184 Resp: 17990
Ion Ratio Lower Upper
184 100
185 16.6 11.8 17.8
183 6.4 10.6 15.8#



#79
Terphenyl-d14
Concen: 83.177 ng
RT: 20.185 min Scan# 2876
Delta R.T. -0.007 min
Lab File: BG055789.D
Acq: 25 Nov 2022 20:44

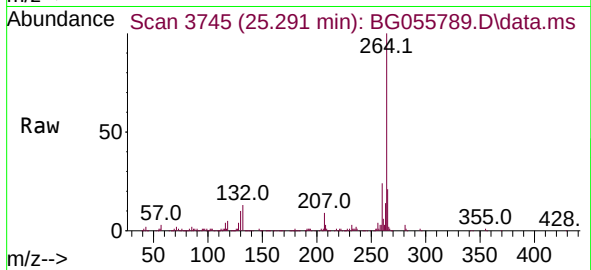
Tgt Ion:244 Resp: 1173210
Ion Ratio Lower Upper
244 100
212 7.7 6.3 9.5
122 8.8 6.9 10.3





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.291 min Scan# 31
 Delta R.T. -0.013 min
 Lab File: BG055789.D
 Acq: 25 Nov 2022 20:44

Instrument :
 BNA_G
 ClientSampleId :



Tgt Ion:264 Resp: 292415
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.5 29.3
 265 21.2 17.1 25.7

