

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112522\
 Data File : BG055779.D
 Acq On : 25 Nov 2022 13:36
 Operator : CG/JU
 Sample : N5741-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 26 00:26:06 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)

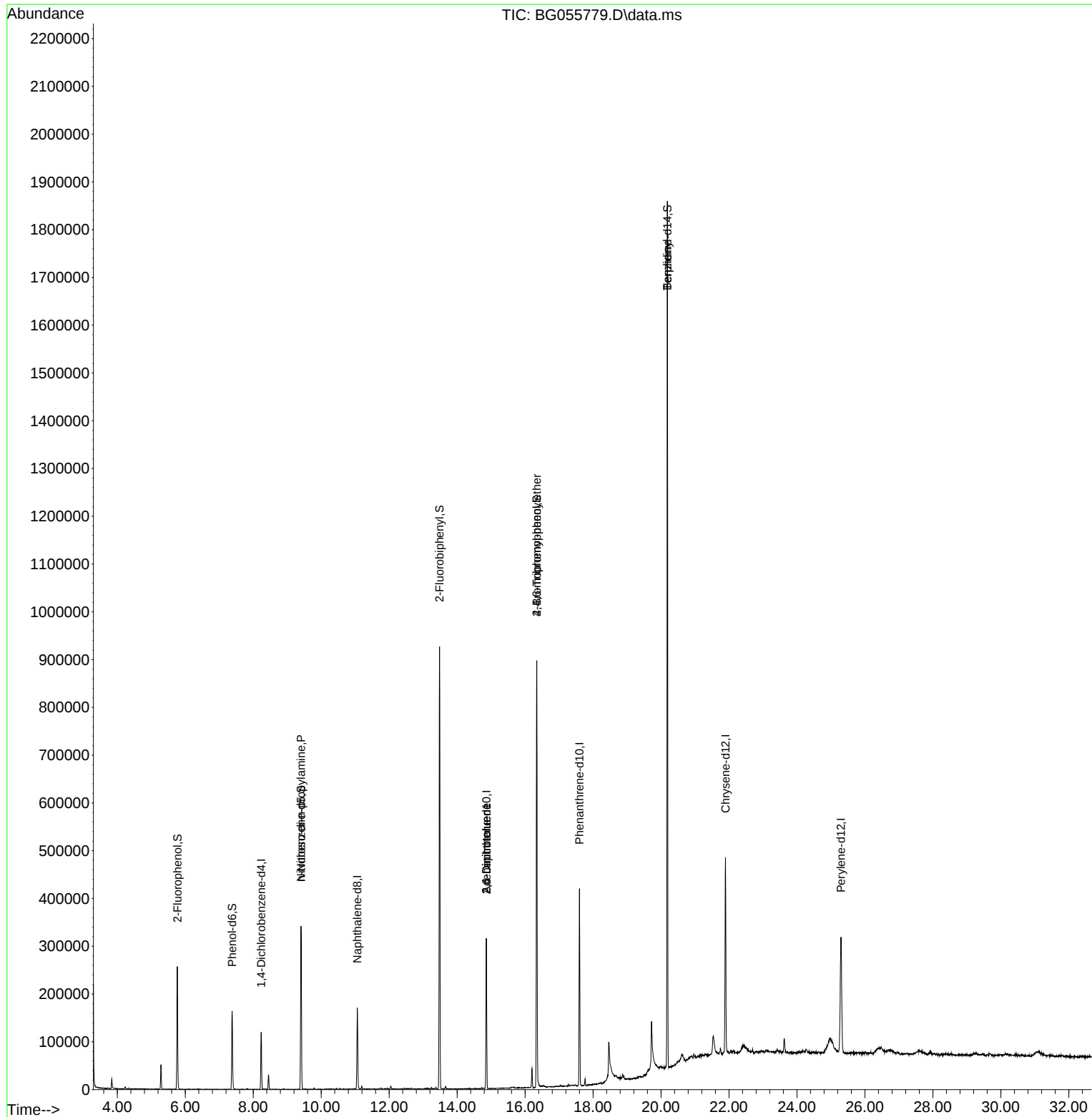
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.237	152	34833	20.000	ng	0.00
21) Naphthalene-d8	11.063	136	145144	20.000	ng	0.00
39) Acenaphthene-d10	14.859	164	111319	20.000	ng	0.00
64) Phenanthrene-d10	17.603	188	268260	20.000	ng	0.00
76) Chrysene-d12	21.898	240	261430	20.000	ng	0.00
86) Perylene-d12	25.294	264	275707	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.769	112	115941	60.163	ng	0.00
7) Phenol-d6	7.379	99	94999	37.032	ng	0.00
23) Nitrobenzene-d5	9.406	82	196545	71.573	ng	0.00
42) 2,4,6-Tribromophenol	16.345	330	194978	124.387	ng	0.00
45) 2-Fluorobiphenyl	13.484	172	503917	67.817	ng	0.00
79) Terphenyl-d14	20.188	244	894173	68.411	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.406	70	27064	13.731	ng	Qvalue # 78
51) 2,6-Dinitrotoluene	14.859	165	14602	8.048	ng	# 24
57) 2,4-Dinitrotoluene	14.859	165	14602	5.708	ng	# 22
67) 4-Bromophenyl-phenylether	16.345	248	12428	4.066	ng	# 1
77) Benzidine	20.188	184	13737	2.271	ng	# 86

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

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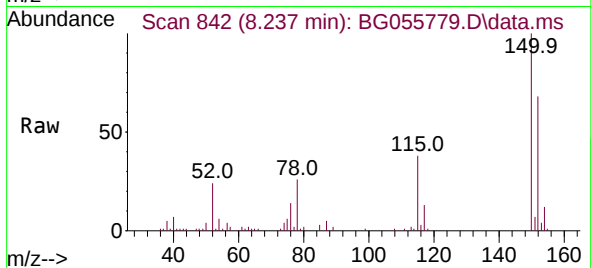
Quant Time: Nov 26 00:26:06 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 24 06:05:02 2022
Response via : Initial Calibration



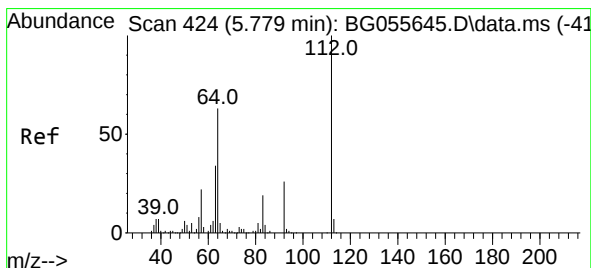
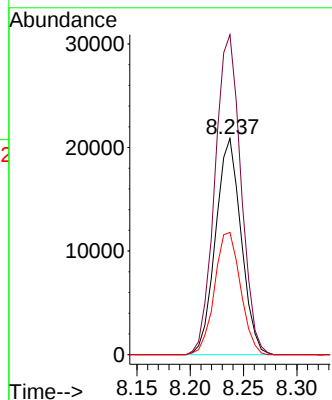
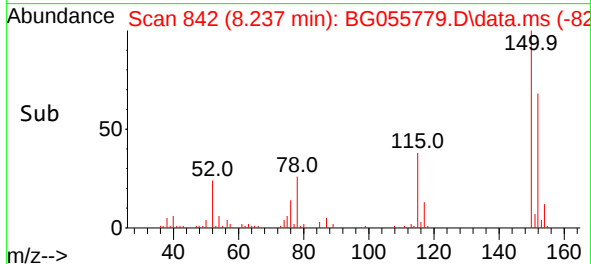


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.237 min Scan# 84
Delta R.T. 0.001 min
Lab File: BG055779.D
Acq: 25 Nov 2022 13:36

Instrument :
BNA_G
ClientSampleId :

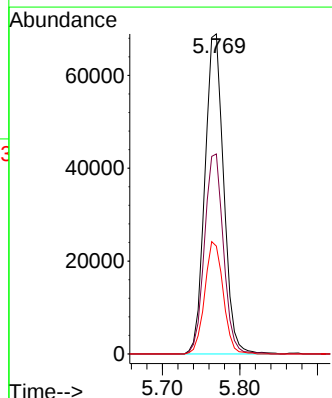
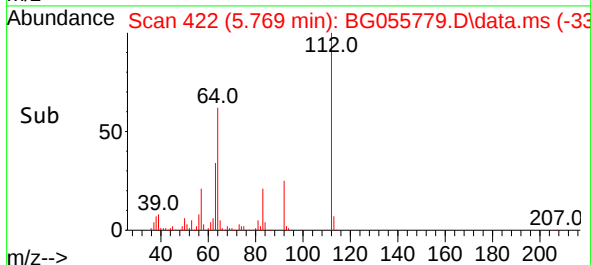
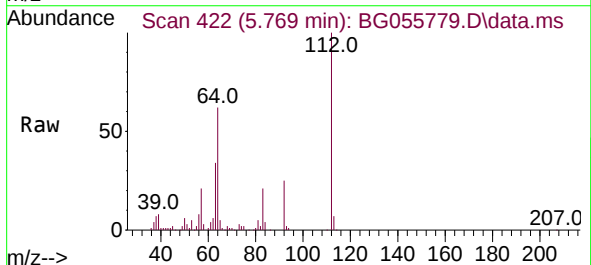


Tgt Ion:152 Resp: 34833
Ion Ratio Lower Upper
152 100
150 148.1 123.0 184.6
115 56.6 47.0 70.4



#5
2-Fluorophenol
Concen: 60.163 ng
RT: 5.769 min Scan# 422
Delta R.T. 0.002 min
Lab File: BG055779.D
Acq: 25 Nov 2022 13:36

Tgt Ion:112 Resp: 115941
Ion Ratio Lower Upper
112 100
64 62.5 50.6 76.0
63 33.7 27.5 41.3

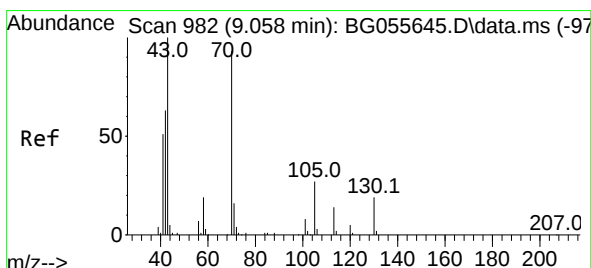
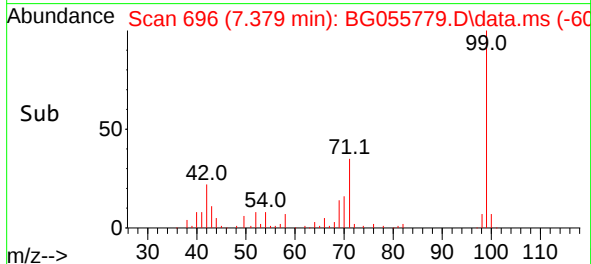
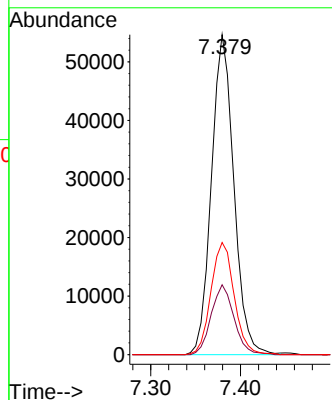
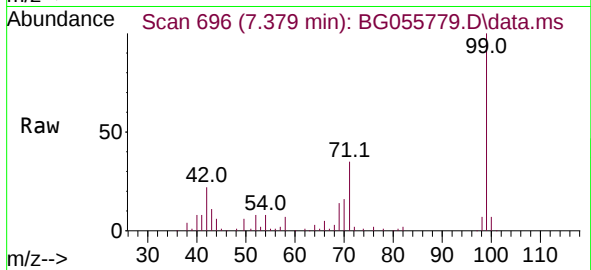




#7
Phenol-d6
Concen: 37.032 ng
RT: 7.379 min Scan# 69
Delta R.T. -0.004 min
Lab File: BG055779.D
Acq: 25 Nov 2022 13:36

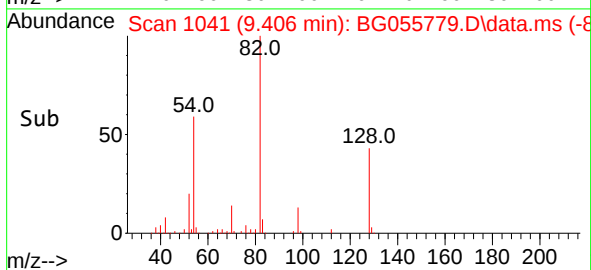
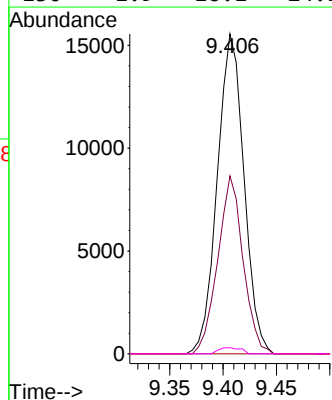
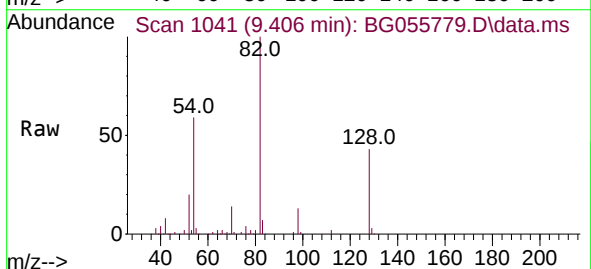
Instrument :
BNA_G
ClientSampleId :

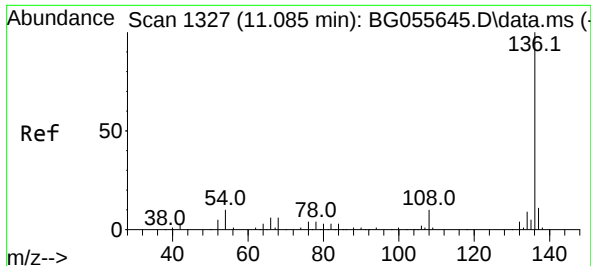
Tgt Ion: 99	Resp: 94999
Ion Ratio	Lower Upper
99 100	
42 21.8	18.0 27.0
71 35.0	29.0 43.6



#19
n-Nitroso-di-n-propylamine
Concen: 13.731 ng
RT: 9.406 min Scan# 1041
Delta R.T. 0.360 min
Lab File: BG055779.D
Acq: 25 Nov 2022 13:36

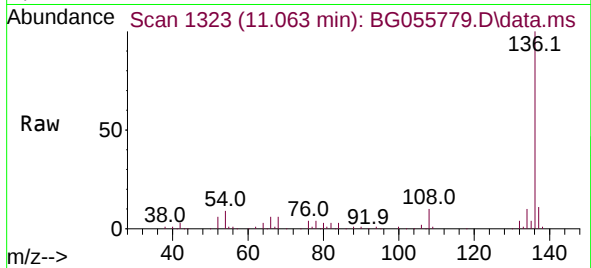
Tgt Ion: 70	Resp: 27064
Ion Ratio	Lower Upper
70 100	
42 55.6	55.2 82.8
101 0.0	7.1 10.7#
130 1.9	16.1 24.1#



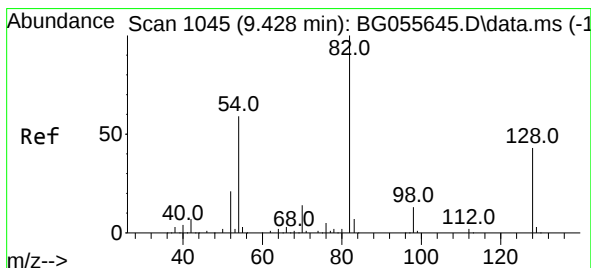
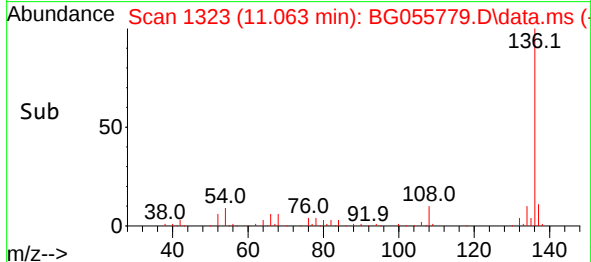
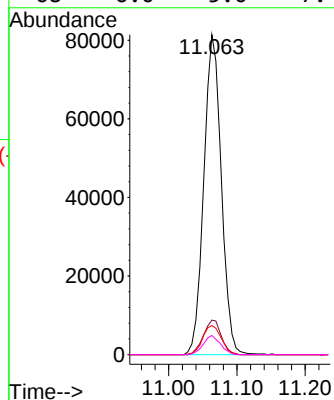


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.063 min Scan# 1327
Delta R.T. -0.004 min
Lab File: BG055779.D
Acq: 25 Nov 2022 13:36

Instrument :
BNA_G
ClientSampleId :

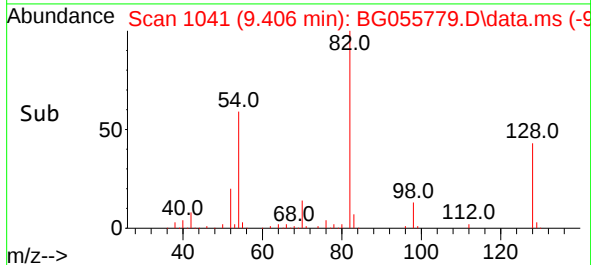
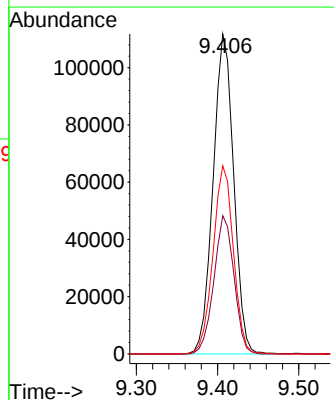
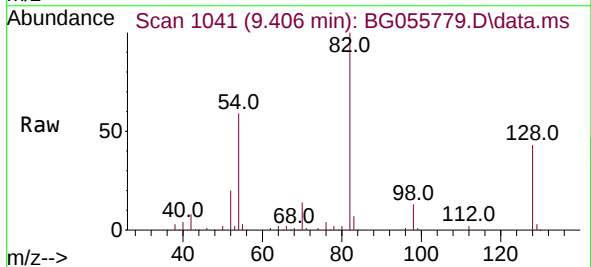


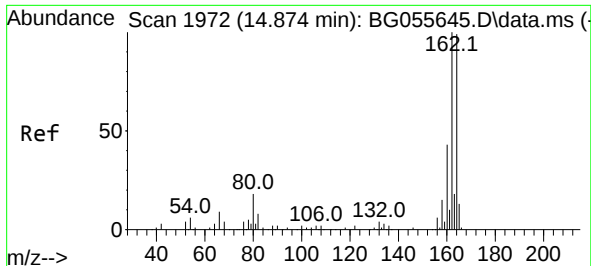
Tgt Ion:136 Resp: 145144
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.6
54 9.1 7.8 11.6
68 6.0 5.0 7.4



#23
Nitrobenzene-d5
Concen: 71.573 ng
RT: 9.406 min Scan# 1041
Delta R.T. -0.004 min
Lab File: BG055779.D
Acq: 25 Nov 2022 13:36

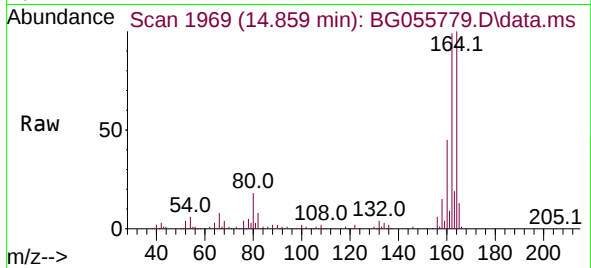
Tgt Ion: 82 Resp: 196545
Ion Ratio Lower Upper
82 100
128 43.2 34.1 51.1
54 58.8 47.3 70.9



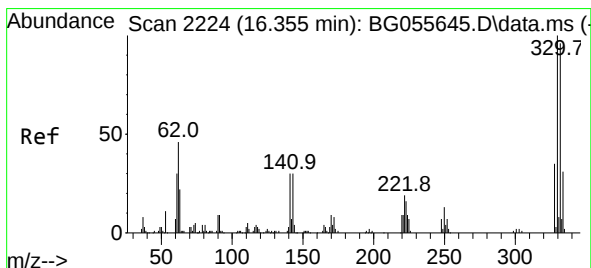
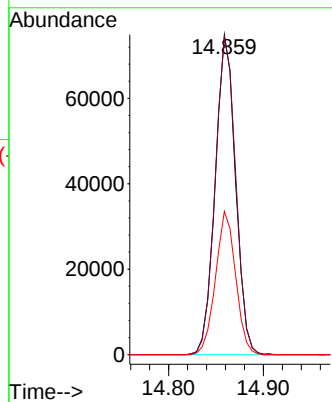
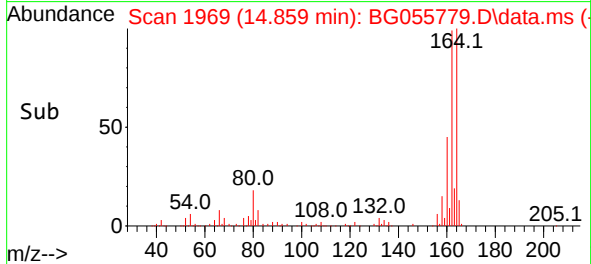


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.859 min Scan# 1972
Delta R.T. -0.004 min
Lab File: BG055779.D
Acq: 25 Nov 2022 13:36

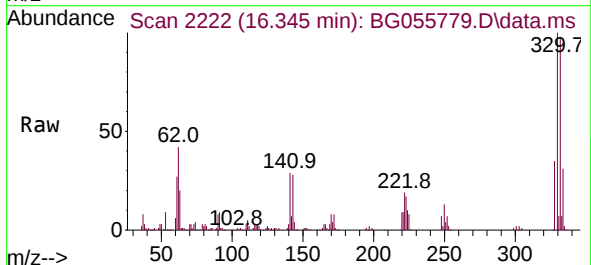
Instrument :
BNA_G
ClientSampleId :



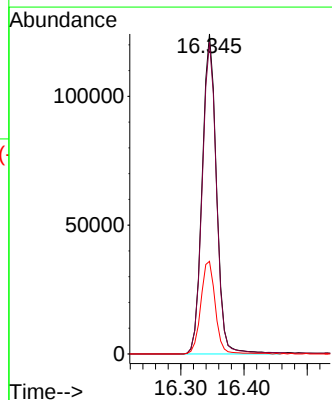
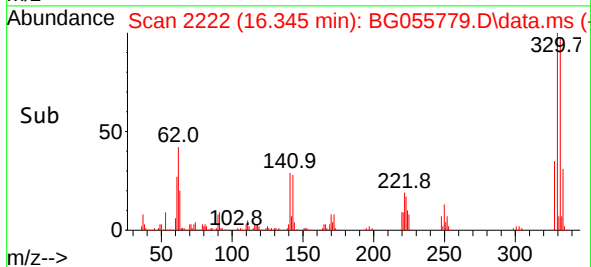
Tgt Ion:164 Resp: 111319
Ion Ratio Lower Upper
164 100
162 99.3 81.1 121.7
160 44.8 34.8 52.2

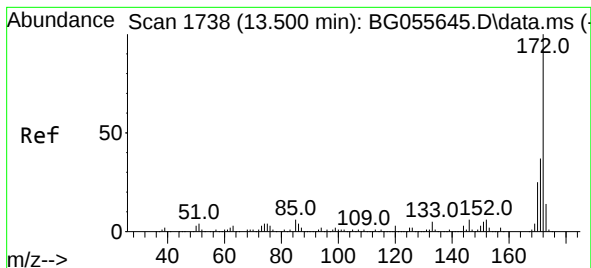


#42
2,4,6-Tribromophenol
Concen: 124.387 ng
RT: 16.345 min Scan# 2222
Delta R.T. -0.004 min
Lab File: BG055779.D
Acq: 25 Nov 2022 13:36



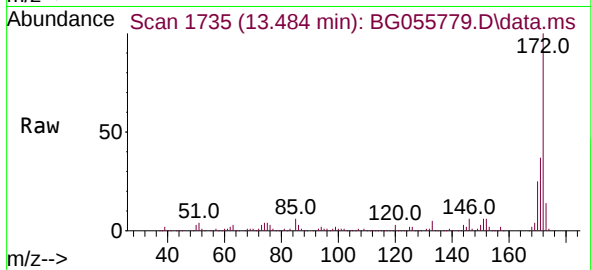
Tgt Ion:330 Resp: 194978
Ion Ratio Lower Upper
330 100
332 97.5 77.8 116.8
141 29.3 23.9 35.9



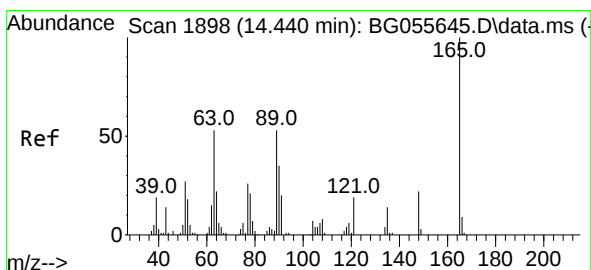
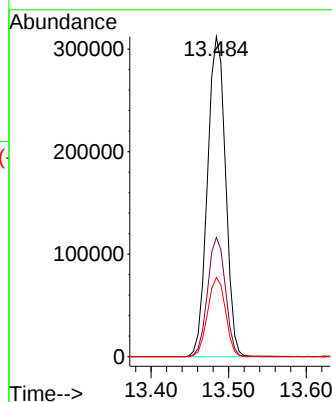
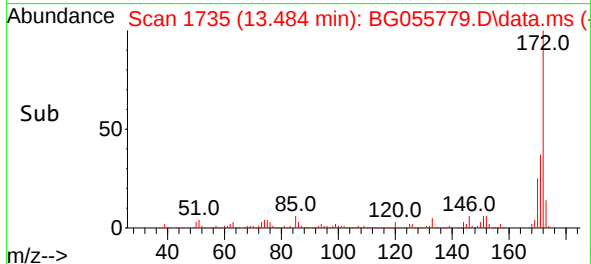


#45
2-Fluorobiphenyl
Concen: 67.817 ng
RT: 13.484 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG055779.D
Acq: 25 Nov 2022 13:36

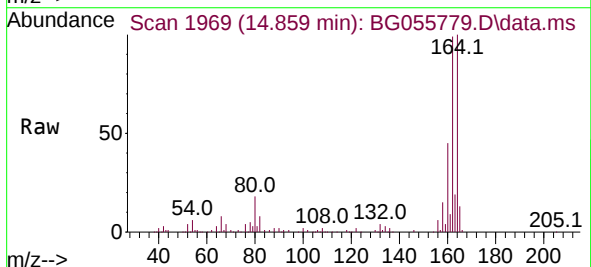
Instrument :
BNA_G
ClientSampleId :



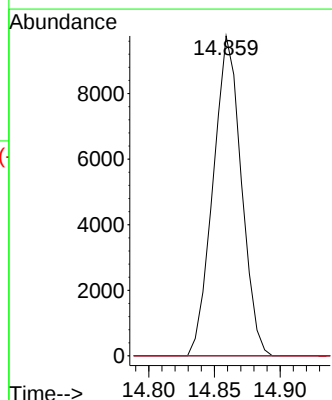
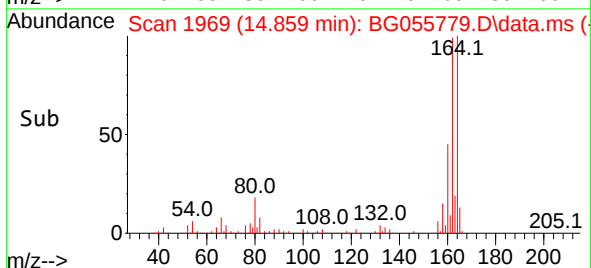
Tgt Ion:172 Resp: 503917
Ion Ratio Lower Upper
172 100
171 37.3 29.8 44.6
170 24.7 20.2 30.4

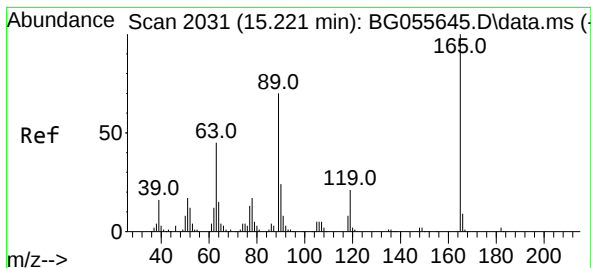


#51
2,6-Dinitrotoluene
Concen: 8.048 ng
RT: 14.859 min Scan# 1969
Delta R.T. 0.425 min
Lab File: BG055779.D
Acq: 25 Nov 2022 13:36



Tgt Ion:165 Resp: 14602
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: 5.708 ng

RT: 14.859 min Scan# 1969

Delta R.T. -0.357 min

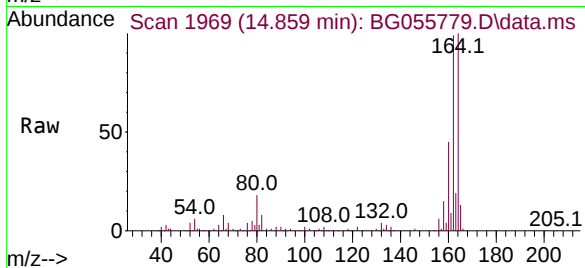
Lab File: BG055779.D

Acq: 25 Nov 2022 13:36

Instrument :

BNA_G

ClientSampleId :



Tgt Ion:165 Resp: 14602

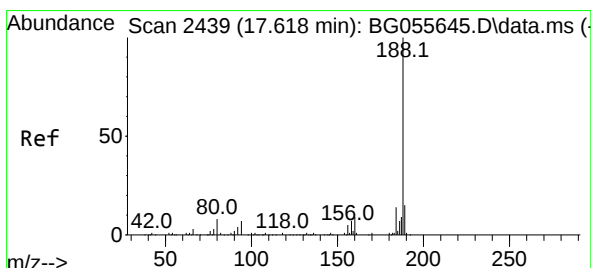
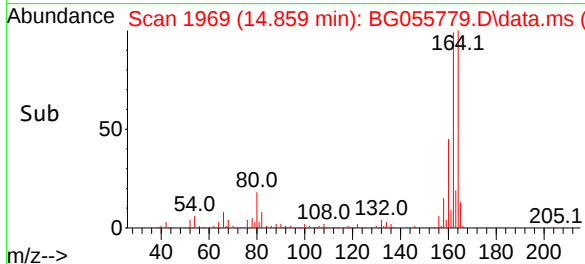
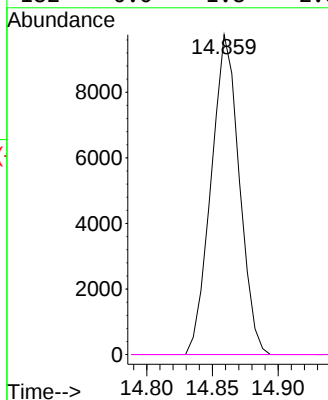
Ion Ratio Lower Upper

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: 17.603 min Scan# 2436

Delta R.T. -0.004 min

Lab File: BG055779.D

Acq: 25 Nov 2022 13:36

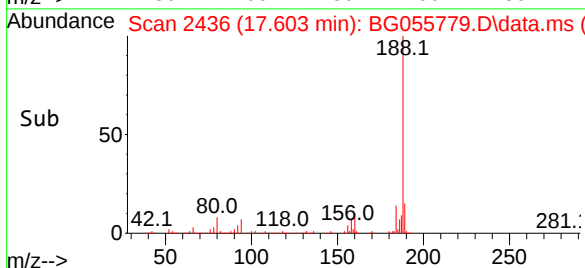
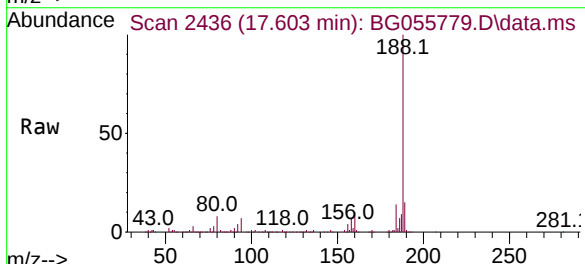
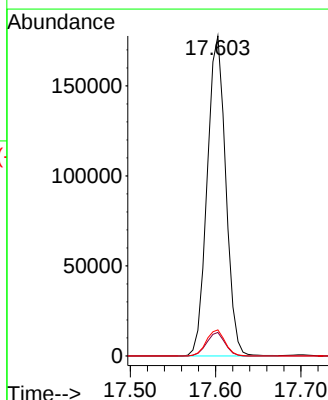
Tgt Ion:188 Resp: 268260

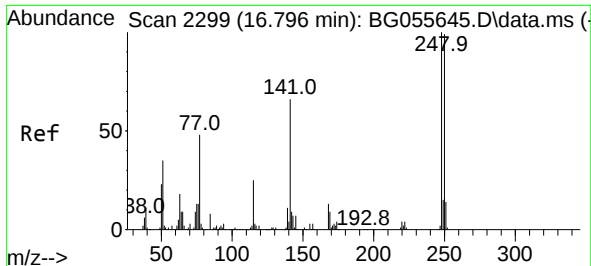
Ion Ratio Lower Upper

188 100

94 7.3 5.4 8.2

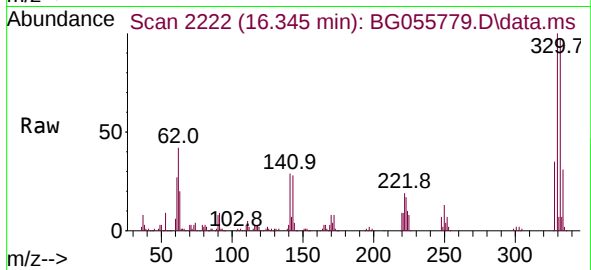
80 8.1 6.6 10.0



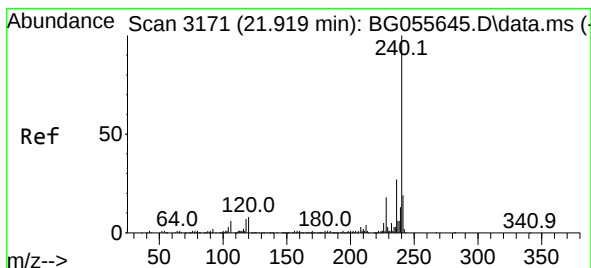
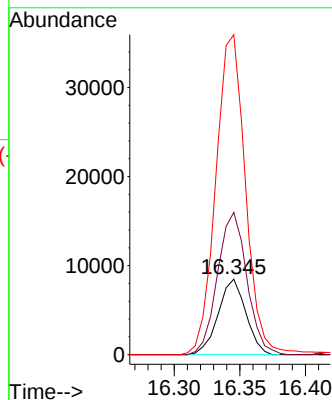
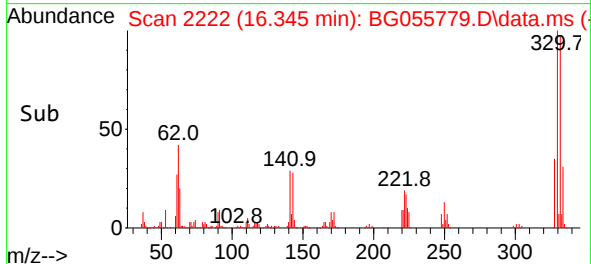


#67
4-Bromophenyl-phenylether
Concen: 4.066 ng
RT: 16.345 min Scan# 211
Delta R.T. -0.439 min
Lab File: BG055779.D
Acq: 25 Nov 2022 13:36

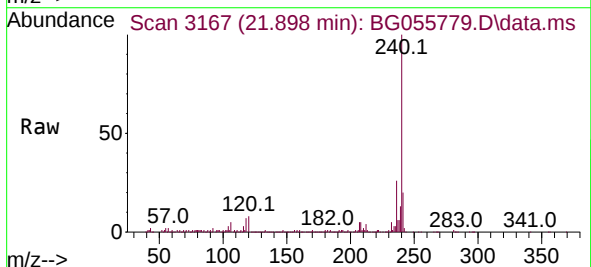
Instrument :
BNA_G
ClientSampleId :



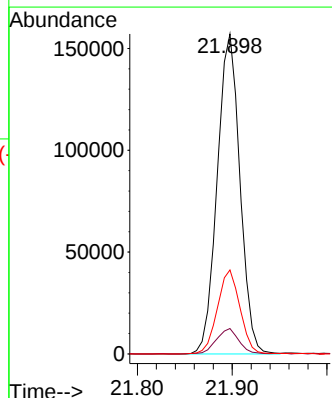
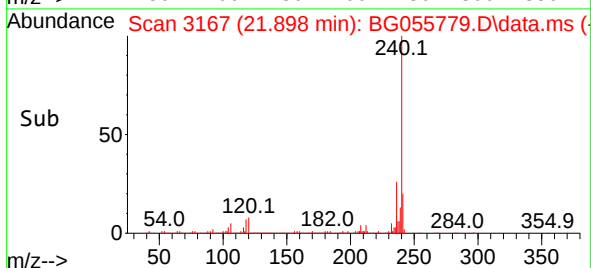
Tgt Ion:248 Resp: 12428
Ion Ratio Lower Upper
248 100
250 188.5 79.0 118.4#
141 424.2 52.9 79.3#

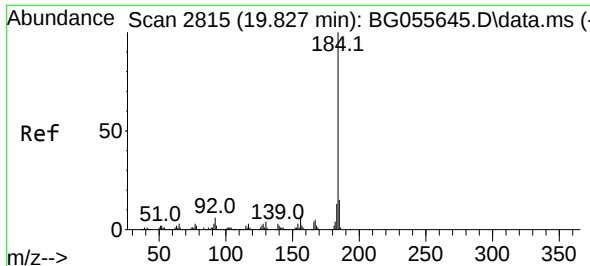


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.898 min Scan# 3167
Delta R.T. -0.004 min
Lab File: BG055779.D
Acq: 25 Nov 2022 13:36



Tgt Ion:240 Resp: 261430
Ion Ratio Lower Upper
240 100
120 7.9 6.3 9.5
236 26.2 21.9 32.9

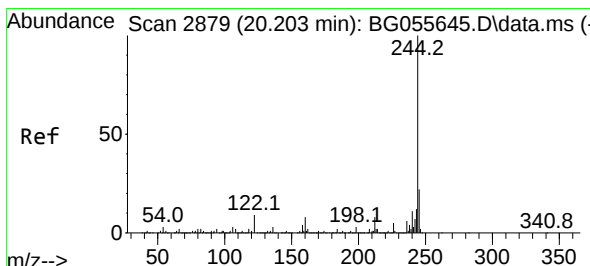
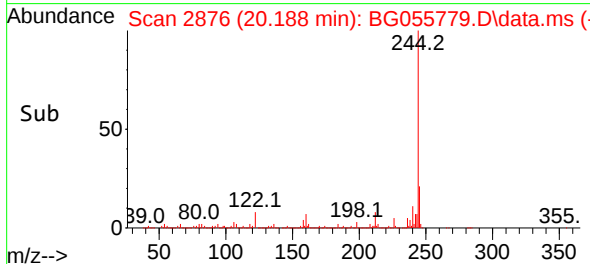
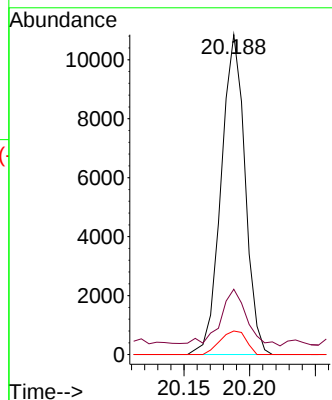
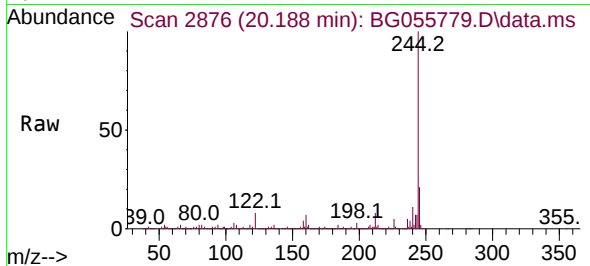




#77
Benzidine
Concen: 2.271 ng
RT: 20.188 min Scan# 2815
Delta R.T. 0.372 min
Lab File: BG055779.D
Acq: 25 Nov 2022 13:36

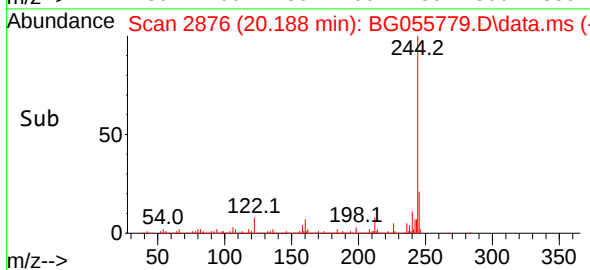
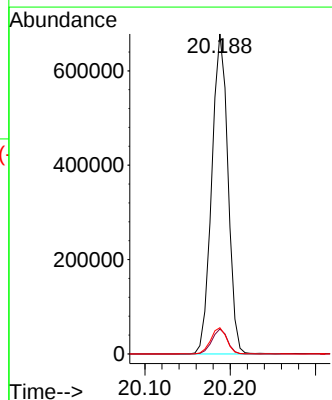
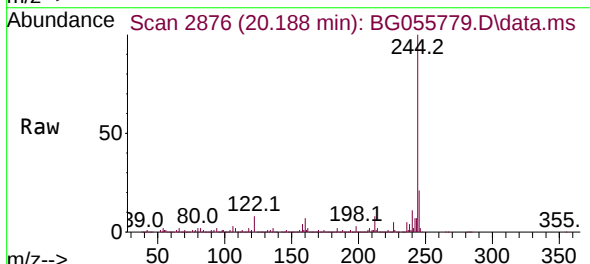
Instrument :
BNA_G
ClientSampleId :

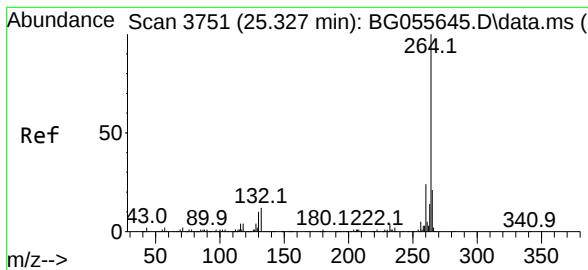
Tgt Ion:184 Resp: 13737
Ion Ratio Lower Upper
184 100
185 20.4 11.8 17.8#
183 7.4 10.6 15.8#



#79
Terphenyl-d14
Concen: 68.411 ng
RT: 20.188 min Scan# 2876
Delta R.T. -0.004 min
Lab File: BG055779.D
Acq: 25 Nov 2022 13:36

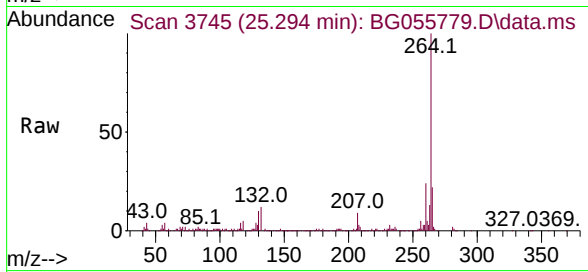
Tgt Ion:244 Resp: 894173
Ion Ratio Lower Upper
244 100
212 7.8 6.3 9.5
122 8.2 6.9 10.3





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.294 min Scan# 31
 Delta R.T. -0.010 min
 Lab File: BG055779.D
 Acq: 25 Nov 2022 13:36

Instrument :
 BNA_G
 ClientSampleId :



Tgt Ion:264 Resp: 275707
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.5 29.3
 265 22.2 17.1 25.7

