

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090324\
 Data File : BG062629.D
 Acq On : 3 Sep 2024 17:11
 Operator : MA/JU
 Sample : PB162517BL
 Misc : LOQ--WATER-5ng
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB162517BL

Quant Time: Sep 04 04:32:49 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG083024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 31 02:36:01 2024
 Response via : Initial Calibration

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

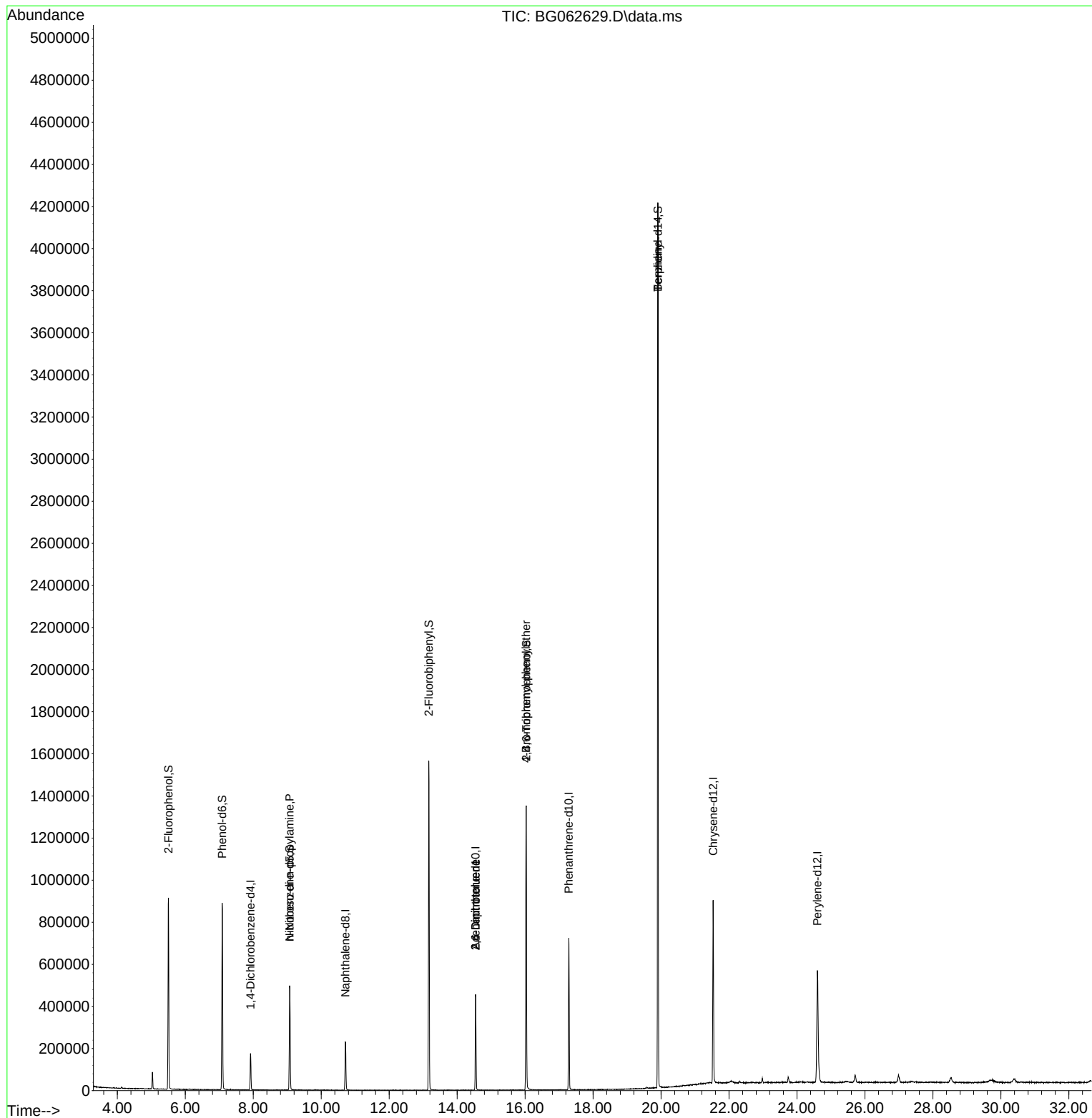
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.920	152	49358	20.000	ng	0.00
21) Naphthalene-d8	10.711	136	202205	20.000	ng	0.00
39) Acenaphthene-d10	14.541	164	165515	20.000	ng	0.00
64) Phenanthrene-d10	17.285	188	491483	20.000	ng	0.00
76) Chrysene-d12	21.533	240	532564	20.000	ng	0.00
86) Perylene-d12	24.600	264	601427	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.505	112	385184	134.893	ng	0.00
7) Phenol-d6	7.085	99	505900	122.638	ng	0.00
23) Nitrobenzene-d5	9.071	82	305088	81.259	ng	0.00
42) 2,4,6-Tribromophenol	16.034	330	308085	132.264	ng	0.00
45) 2-Fluorobiphenyl	13.167	172	837029	81.915	ng	0.00
79) Terphenyl-d14	19.906	244	2206185	82.140	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.071	70	39575	12.175	ng	# 81
51) 2,6-Dinitrotoluene	14.541	165	21517	9.399	ng	# 23
57) 2,4-Dinitrotoluene	14.541	165	21517	6.889	ng	# 24
67) 4-Bromophenyl-phenylether	16.028	248	20113	3.965	ng	# 1
77) Benzidine	19.906	184	32899	3.427	ng	# 89

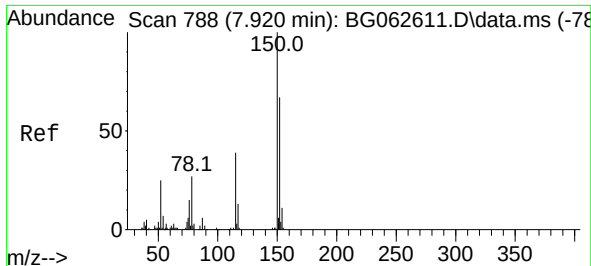
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090324\
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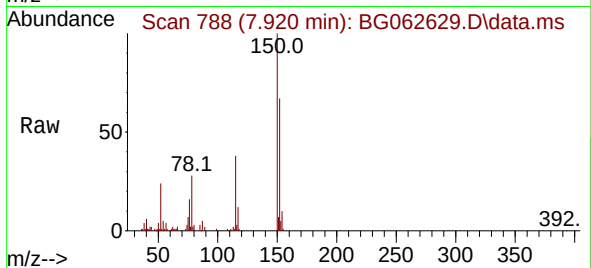
Quant Time: Sep 04 04:32:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG083024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 31 02:36:01 2024
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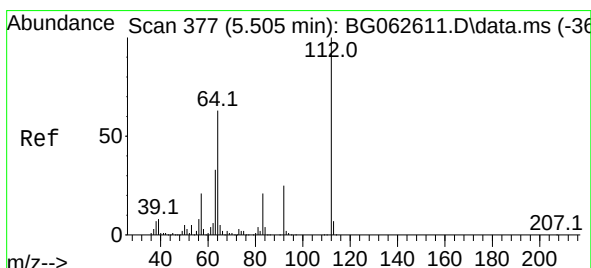
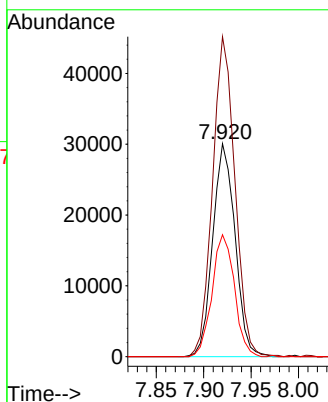
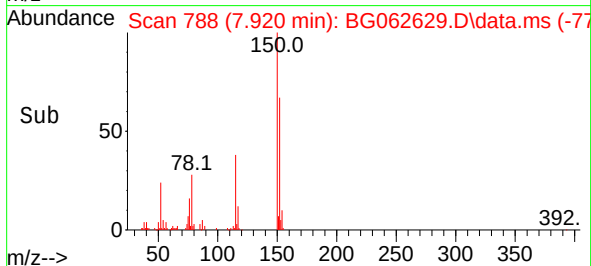


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.920 min Scan# 788
Delta R.T. -0.000 min
Lab File: BG062629.D
Acq: 3 Sep 2024 17:11

Instrument :
BNA_G
ClientSampleId :
PB162517BL

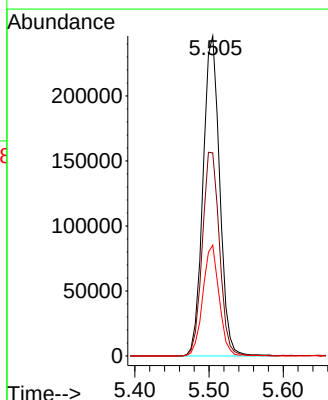
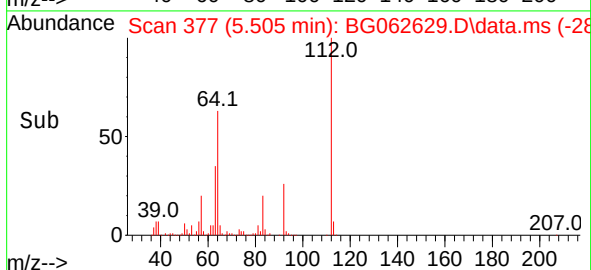
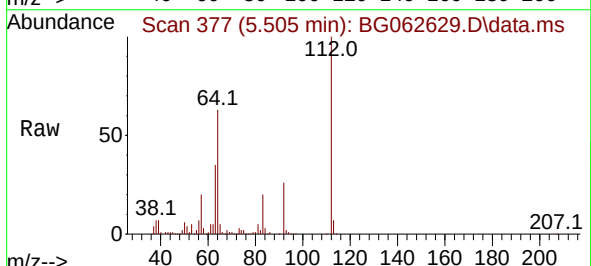


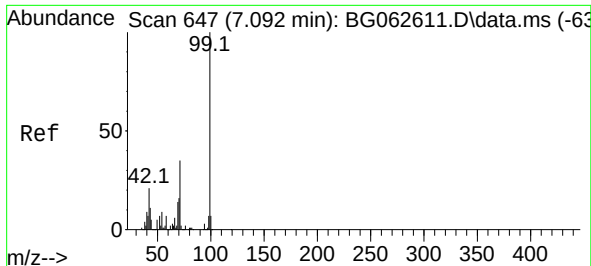
Tgt Ion:152 Resp: 49358
Ion Ratio Lower Upper
152 100
150 150.3 119.9 179.9
115 57.3 46.6 69.8



#5
2-Fluorophenol
Concen: 134.893 ng
RT: 5.505 min Scan# 377
Delta R.T. -0.000 min
Lab File: BG062629.D
Acq: 3 Sep 2024 17:11

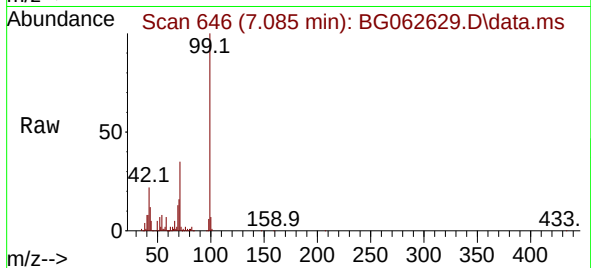
Tgt Ion:112 Resp: 385184
Ion Ratio Lower Upper
112 100
64 63.5 50.2 75.2
63 34.7 26.6 39.8



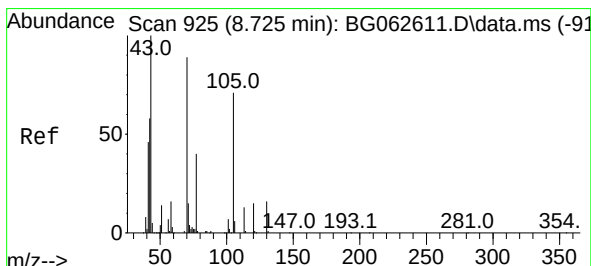
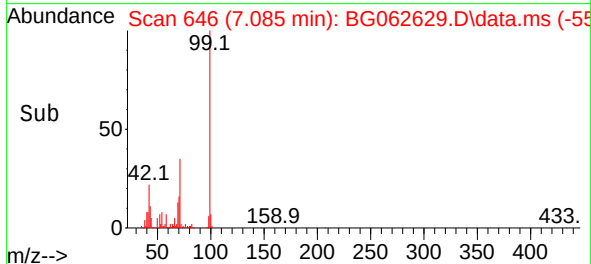
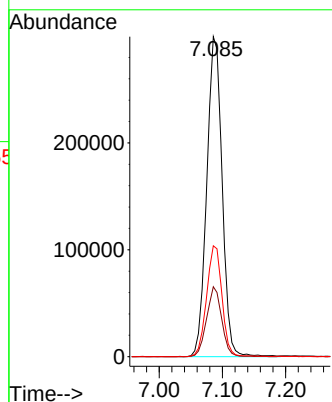


#7
Phenol-d6
Concen: 122.638 ng
RT: 7.085 min Scan# 64
Delta R.T. -0.006 min
Lab File: BG062629.D
Acq: 3 Sep 2024 17:11

Instrument :
BNA_G
ClientSampleId :
PB162517BL

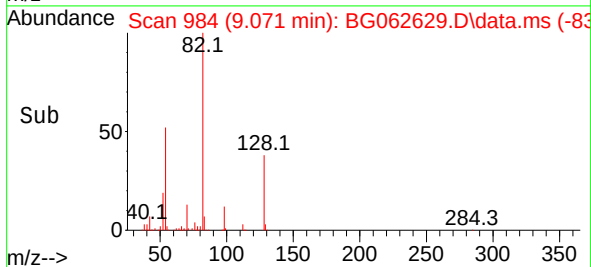
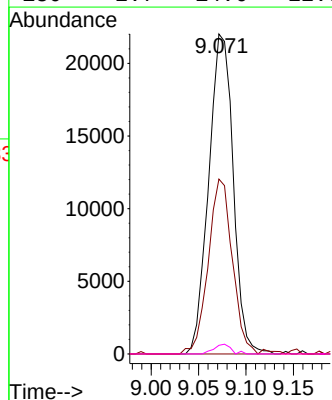
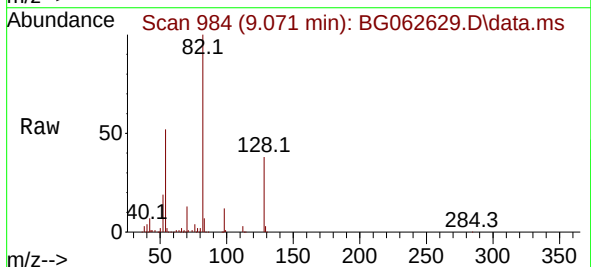


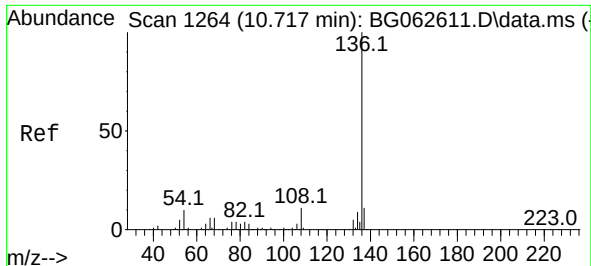
Tgt Ion: 99 Resp: 505900
Ion Ratio Lower Upper
99 100
42 21.9 16.9 25.3
71 34.7 27.9 41.9



#19
n-Nitroso-di-n-propylamine
Concen: 12.175 ng
RT: 9.071 min Scan# 984
Delta R.T. 0.346 min
Lab File: BG062629.D
Acq: 3 Sep 2024 17:11

Tgt Ion: 70 Resp: 39575
Ion Ratio Lower Upper
70 100
42 54.6 52.3 78.5
101 0.0 6.6 9.8#
130 2.7 14.6 22.0#

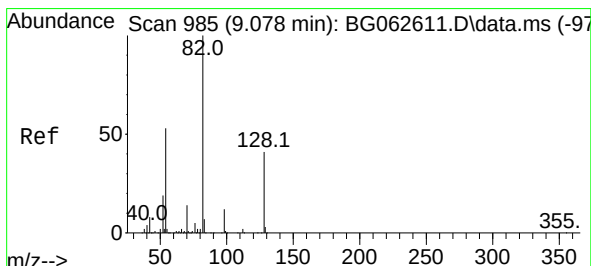
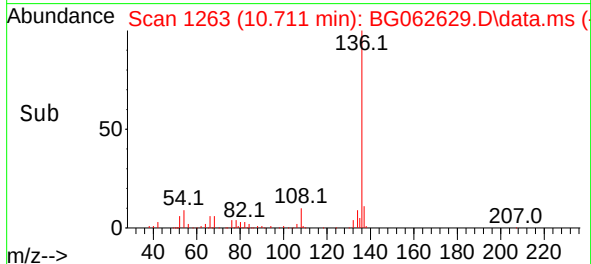
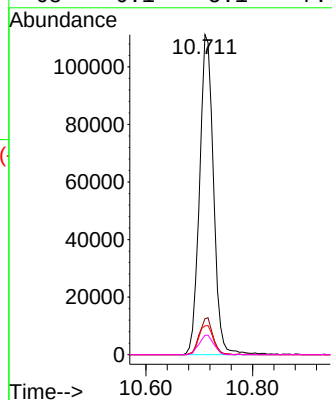
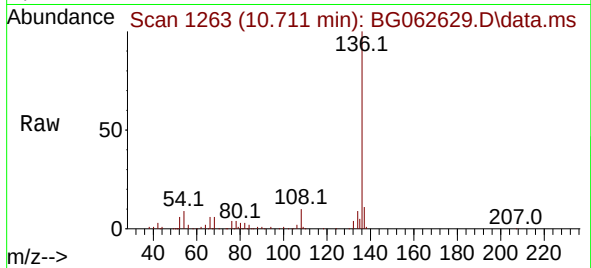




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.711 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG062629.D
Acq: 3 Sep 2024 17:11

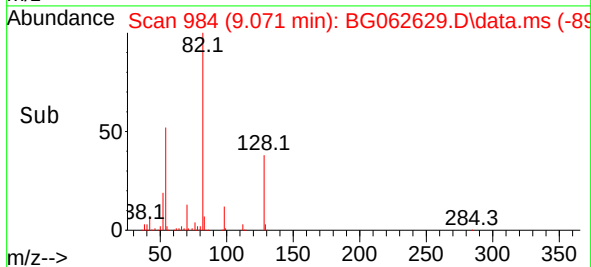
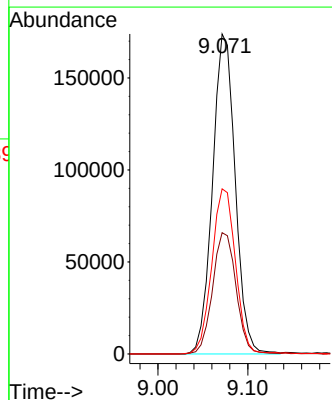
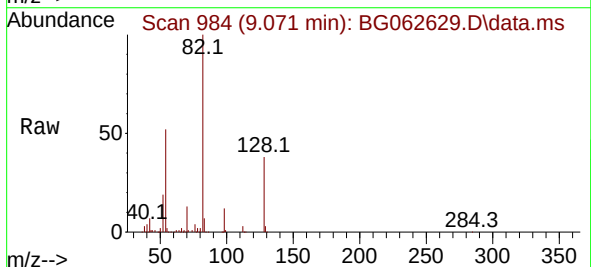
Instrument :
BNA_G
ClientSampleId :
PB162517BL

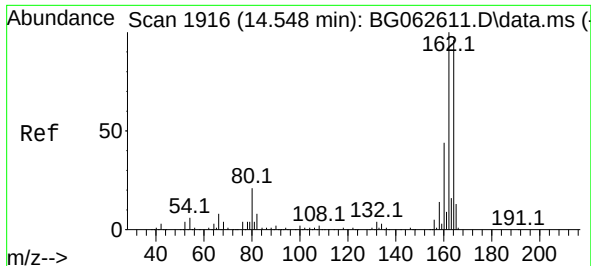
Tgt Ion:136 Resp: 202205
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.4
54 9.0 7.8 11.6
68 6.1 5.1 7.7



#23
Nitrobenzene-d5
Concen: 81.259 ng
RT: 9.071 min Scan# 984
Delta R.T. -0.006 min
Lab File: BG062629.D
Acq: 3 Sep 2024 17:11

Tgt Ion: 82 Resp: 305088
Ion Ratio Lower Upper
82 100
128 37.9 32.5 48.7
54 51.6 42.5 63.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.541 min Scan# 1915

Delta R.T. -0.006 min

Lab File: BG062629.D

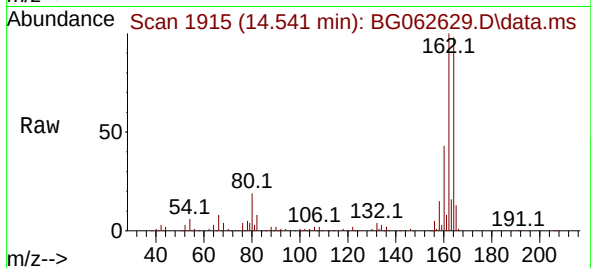
Acq: 3 Sep 2024 17:11

Instrument :

BNA_G

ClientSampleId :

PB162517BL



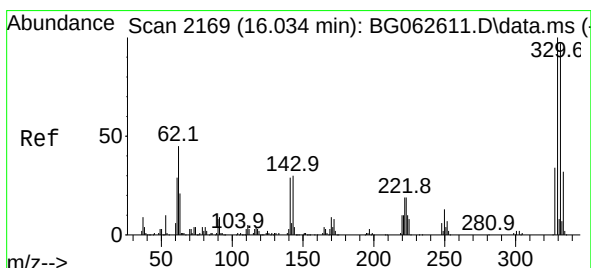
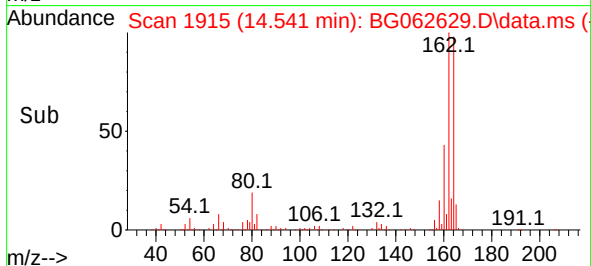
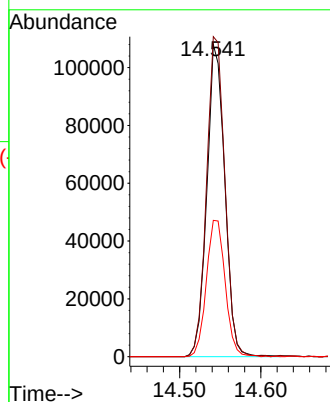
Tgt Ion:164 Resp: 165515

Ion Ratio Lower Upper

164 100

162 102.5 83.1 124.7

160 43.7 36.2 54.4



#42

2,4,6-Tribromophenol

Concen: 132.264 ng

RT: 16.034 min Scan# 2169

Delta R.T. -0.000 min

Lab File: BG062629.D

Acq: 3 Sep 2024 17:11

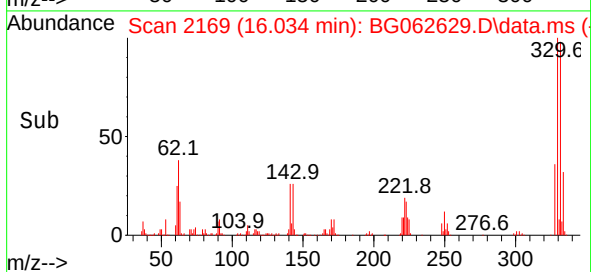
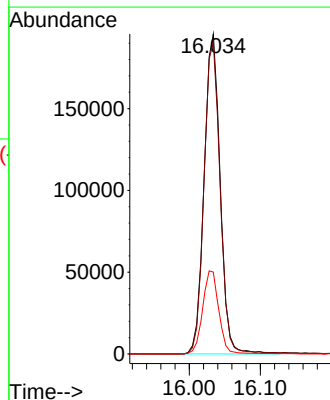
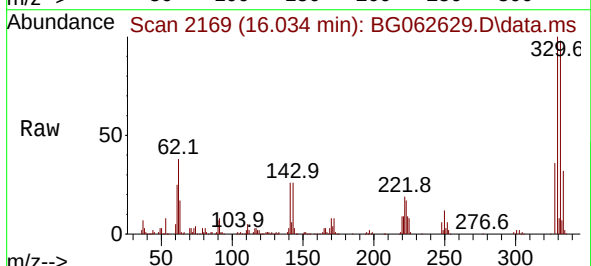
Tgt Ion:330 Resp: 308085

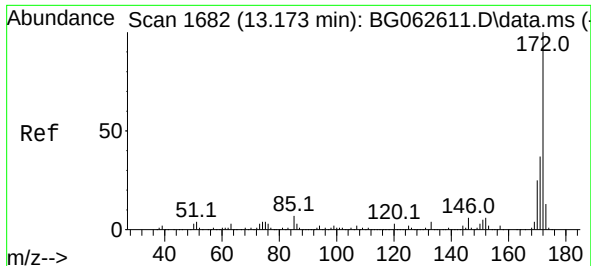
Ion Ratio Lower Upper

330 100

332 97.8 77.2 115.8

141 26.2 22.2 33.4





#45

2-Fluorobiphenyl

Concen: 81.915 ng

RT: 13.167 min Scan# 1

Delta R.T. -0.006 min

Lab File: BG062629.D

Acq: 3 Sep 2024 17:11

Instrument :

BNA_G

ClientSampleId :

PB162517BL

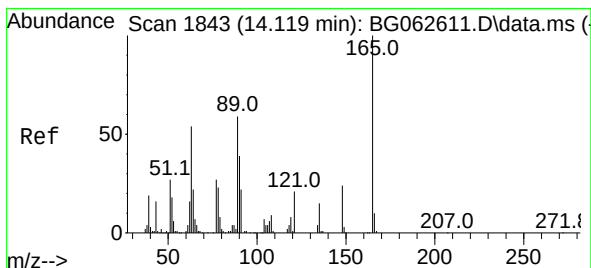
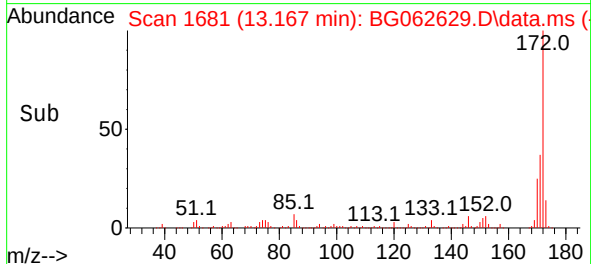
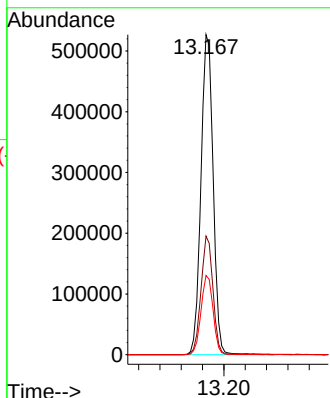
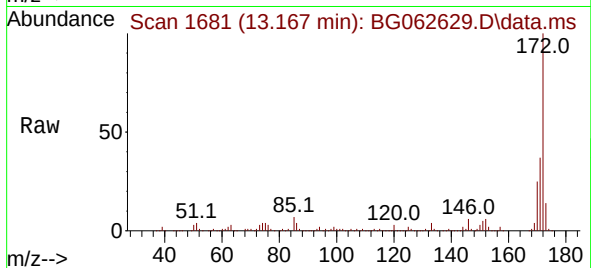
Tgt Ion:172 Resp: 837029

Ion Ratio Lower Upper

172 100

171 37.0 29.7 44.5

170 24.8 20.0 30.0



#51

2,6-Dinitrotoluene

Concen: 9.399 ng

RT: 14.541 min Scan# 1915

Delta R.T. 0.423 min

Lab File: BG062629.D

Acq: 3 Sep 2024 17:11

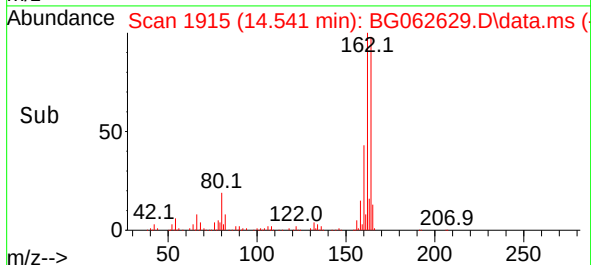
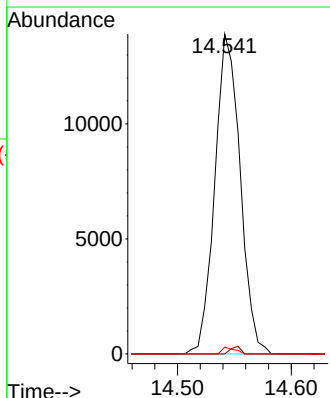
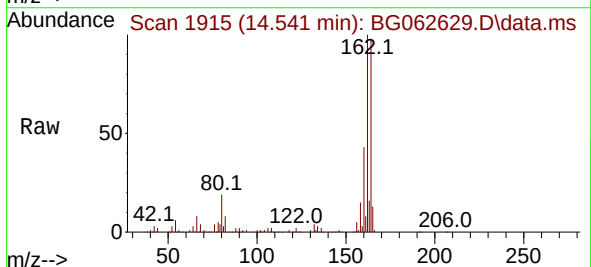
Tgt Ion:165 Resp: 21517

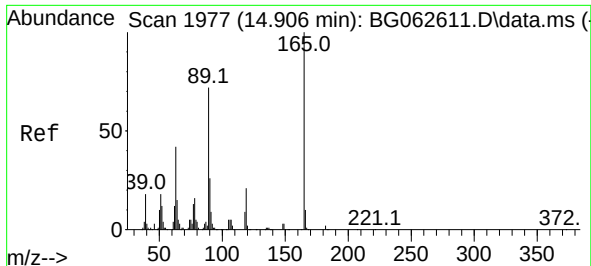
Ion Ratio Lower Upper

165 100

63 0.0 46.6 69.8#

89 2.1 47.2 70.8#

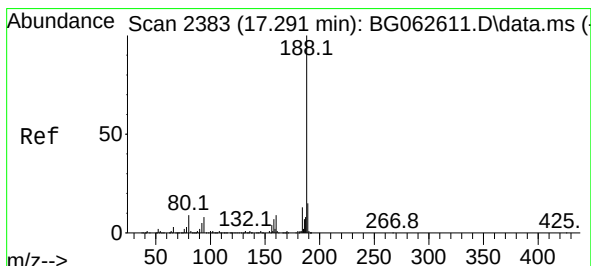
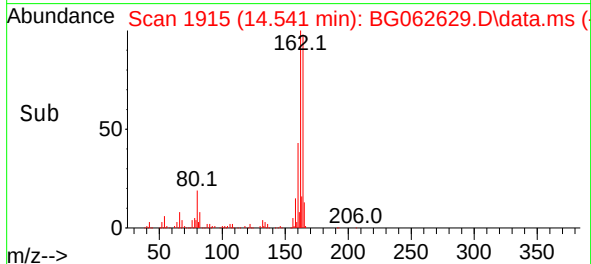
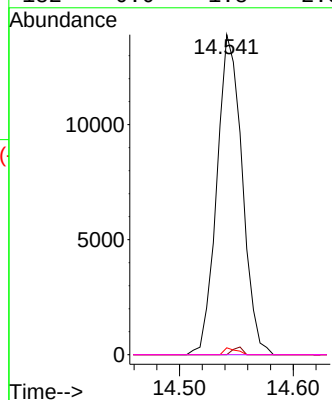
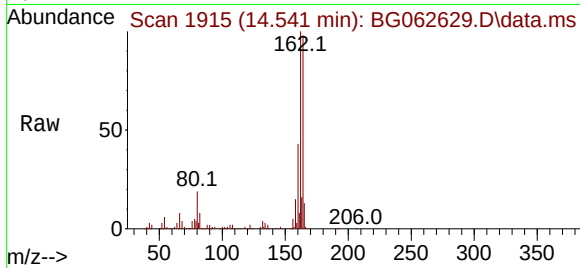




#57
2,4-Dinitrotoluene
Concen: 6.889 ng
RT: 14.541 min Scan# 1977
Delta R.T. -0.365 min
Lab File: BG062629.D
Acq: 3 Sep 2024 17:11

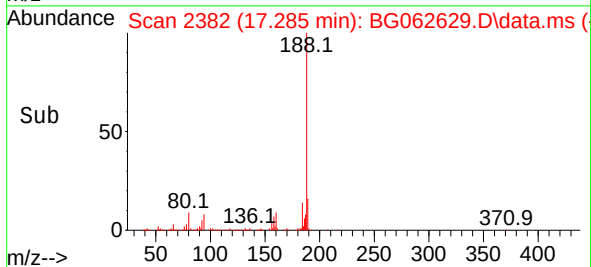
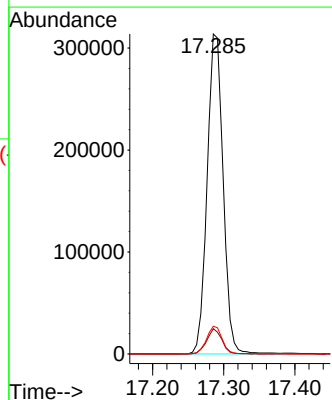
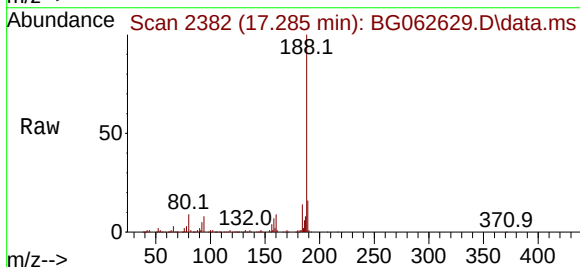
Instrument :
BNA_G
ClientSampleId :
PB162517BL

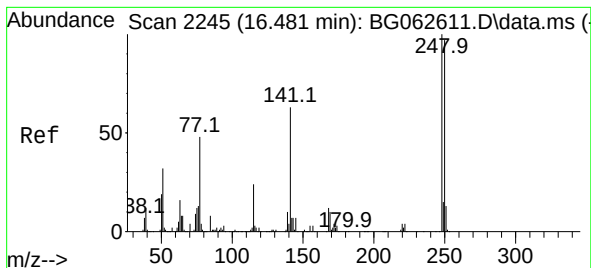
Tgt Ion:165 Resp: 21517
Ion Ratio Lower Upper
165 100
63 0.0 33.8 50.6#
89 2.1 57.9 86.9#
182 0.0 1.8 2.8#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.285 min Scan# 2382
Delta R.T. -0.006 min
Lab File: BG062629.D
Acq: 3 Sep 2024 17:11

Tgt Ion:188 Resp: 491483
Ion Ratio Lower Upper
188 100
94 7.9 6.3 9.5
80 8.7 7.0 10.4

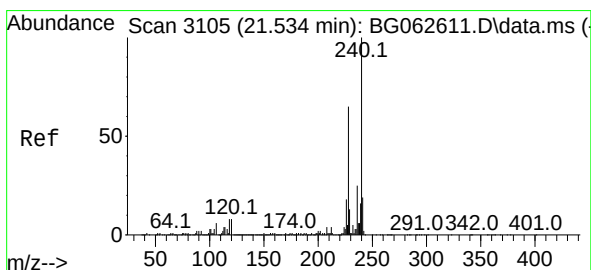
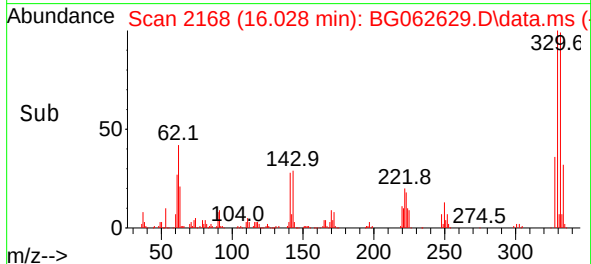
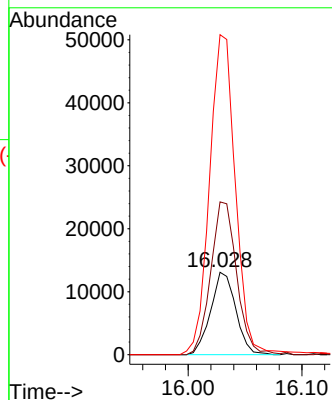
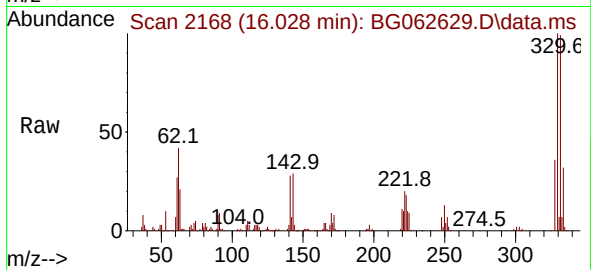




#67
4-Bromophenyl-phenylether
Concen: 3.965 ng
RT: 16.028 min Scan# 2168
Delta R.T. -0.453 min
Lab File: BG062629.D
Acq: 3 Sep 2024 17:11

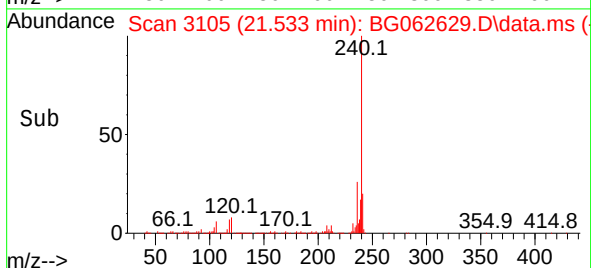
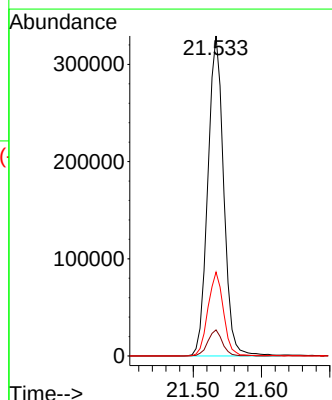
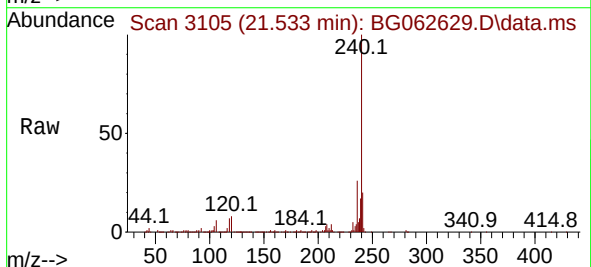
Instrument :
BNA_G
ClientSampleId :
PB162517BL

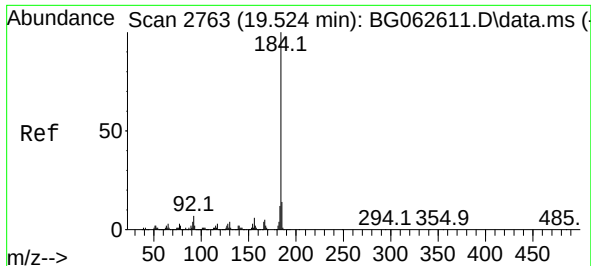
Tgt Ion:248 Resp: 20113
Ion Ratio Lower Upper
248 100
250 239.7 77.9 116.9#
141 388.4 50.2 75.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.533 min Scan# 3105
Delta R.T. -0.000 min
Lab File: BG062629.D
Acq: 3 Sep 2024 17:11

Tgt Ion:240 Resp: 532564
Ion Ratio Lower Upper
240 100
120 8.2 6.6 9.8
236 26.2 20.2 30.4

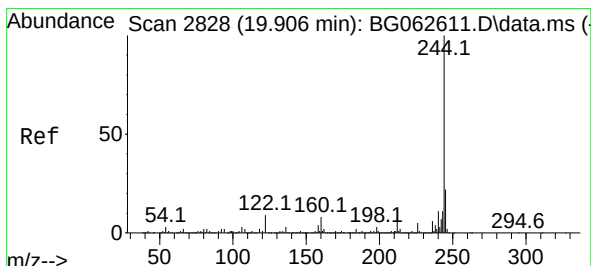
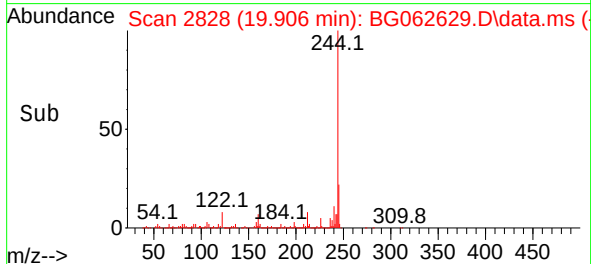
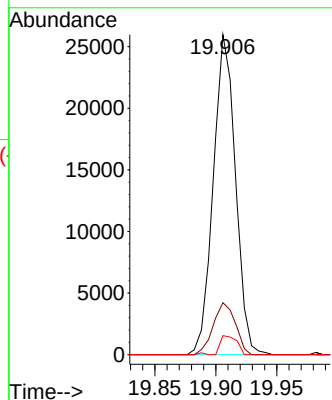
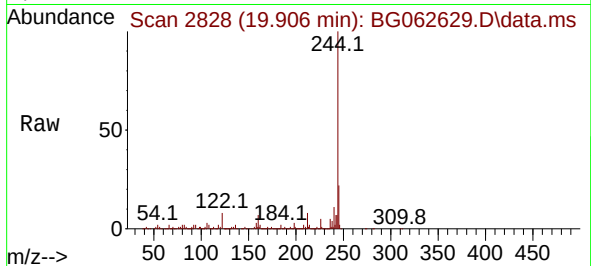




#77
Benzidine
Concen: 3.427 ng
RT: 19.906 min Scan# 21
Delta R.T. 0.382 min
Lab File: BG062629.D
Acq: 3 Sep 2024 17:11

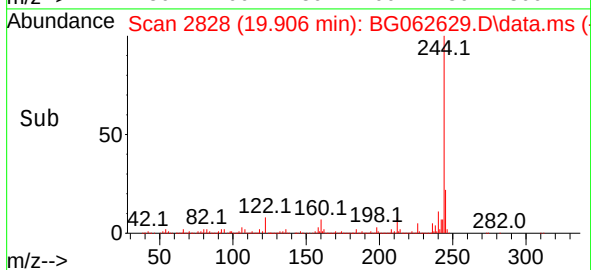
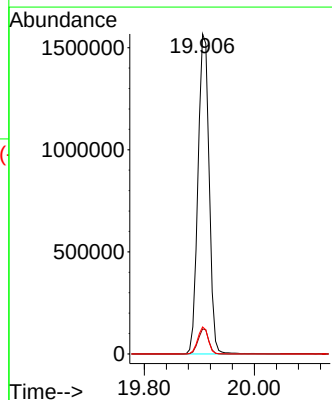
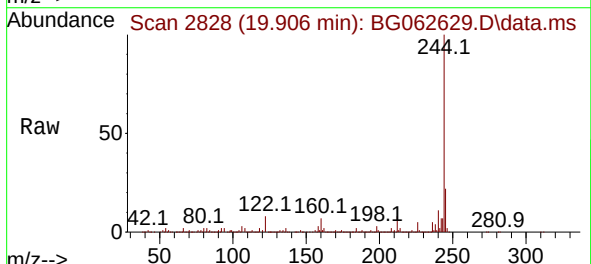
Instrument :
BNA_G
ClientSampleId :
PB162517BL

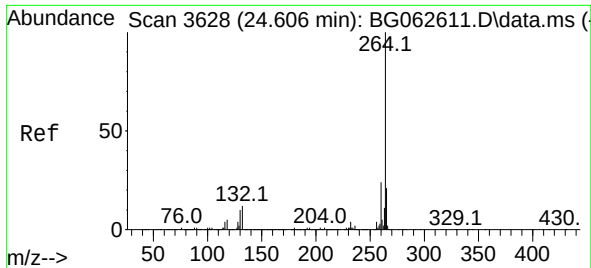
Tgt Ion:184 Resp: 32899
Ion Ratio Lower Upper
184 100
185 16.3 11.0 16.6
183 6.0 9.7 14.5#



#79
Terphenyl-d14
Concen: 82.140 ng
RT: 19.906 min Scan# 2828
Delta R.T. -0.000 min
Lab File: BG062629.D
Acq: 3 Sep 2024 17:11

Tgt Ion:244 Resp: 2206185
Ion Ratio Lower Upper
244 100
212 7.8 6.6 10.0
122 8.5 7.2 10.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.600 min Scan# 30
 Delta R.T. -0.006 min
 Lab File: BG062629.D
 Acq: 3 Sep 2024 17:11

Instrument :
 BNA_G
 ClientSampleId :
 PB162517BL

Tgt Ion:264 Resp: 601427
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.0 28.4
 265 21.6 17.3 25.9

