

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090524\
 Data File : BG062670.D
 Acq On : 5 Sep 2024 17:12
 Operator : MA/JU
 Sample : PB163139BL
 Misc : MDL-WATER-8 ng
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB163139BL

Quant Time: Sep 05 17:49:14 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)

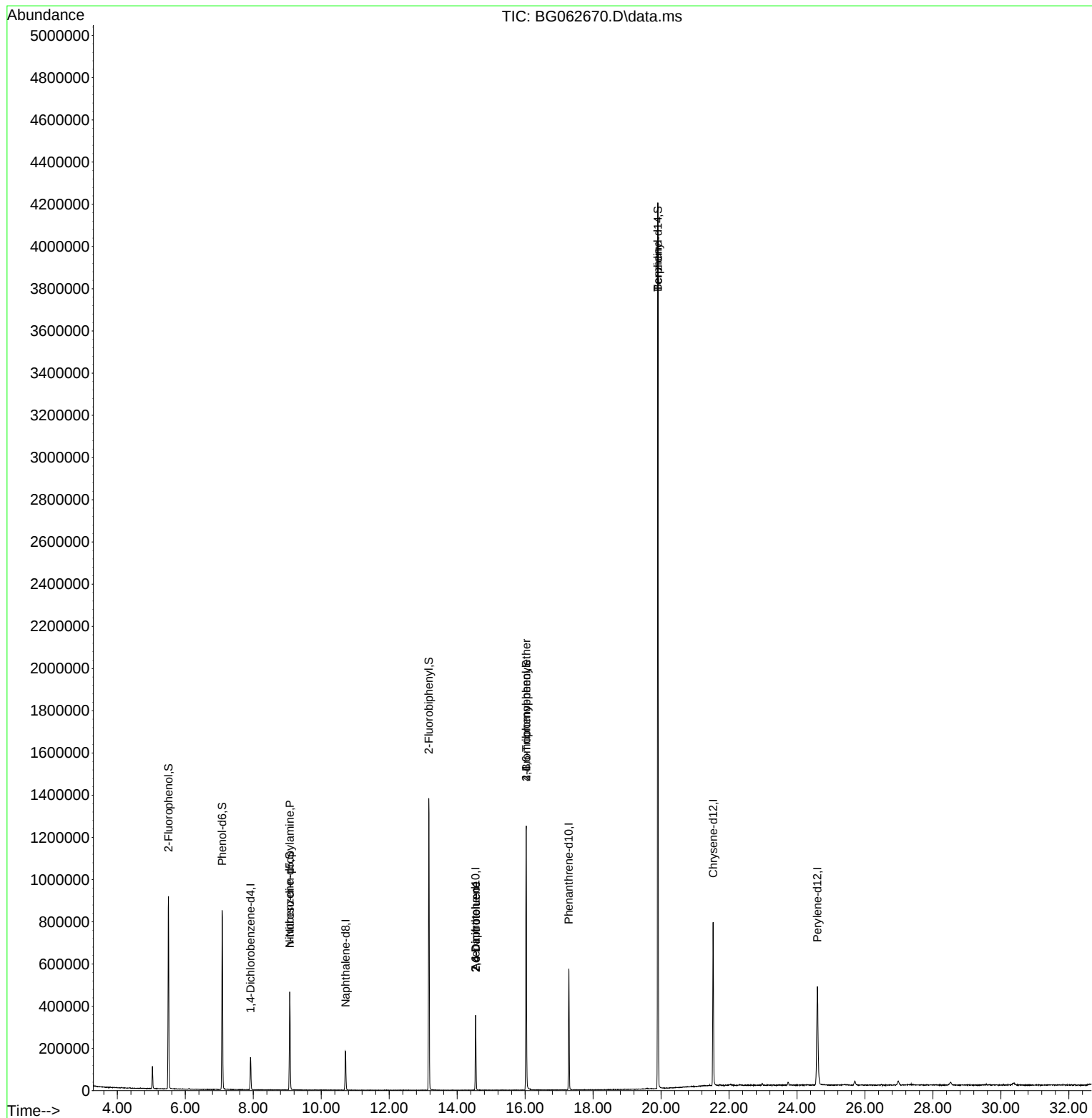
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.919	152	44900	20.000	ng	0.00
21) Naphthalene-d8	10.715	136	166560	20.000	ng	0.00
39) Acenaphthene-d10	14.540	164	130204	20.000	ng	0.00
64) Phenanthrene-d10	17.284	188	386128	20.000	ng	0.00
76) Chrysene-d12	21.532	240	474388	20.000	ng	0.00
86) Perylene-d12	24.599	264	535371	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	379458	146.082	ng	0.00
7) Phenol-d6	7.084	99	488137	130.081	ng	0.00
23) Nitrobenzene-d5	9.070	82	288592	93.315	ng	0.00
42) 2,4,6-Tribromophenol	16.033	330	281182	153.452	ng	0.00
45) 2-Fluorobiphenyl	13.165	172	742005	92.308	ng	0.00
79) Terphenyl-d14	19.905	244	2172078	90.788	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.076	70	37117	12.553	ng	# 77
51) 2,6-Dinitrotoluene	14.546	165	17308	9.611	ng	# 23
57) 2,4-Dinitrotoluene	14.546	165	17308	7.044	ng	# 23
67) 4-Bromophenyl-phenylether	16.033	248	17613	4.420	ng	# 1
77) Benzydine	19.905	184	32055	3.749	ng	# 88

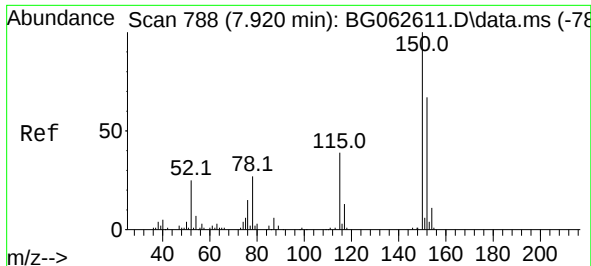
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 31 02:36:01 2024
Response via : Initial Calibration

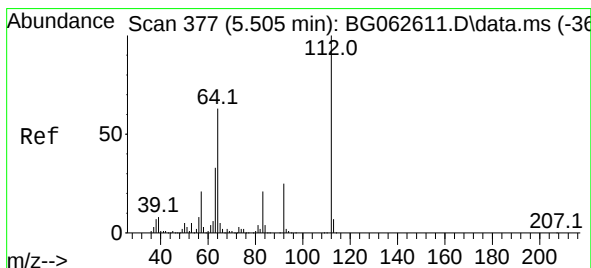
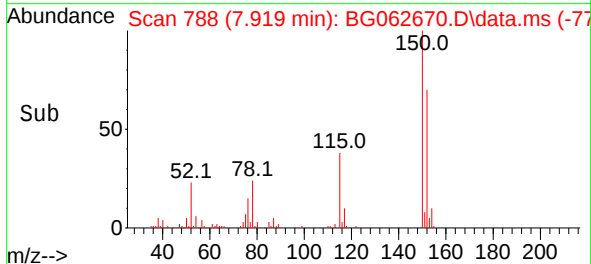
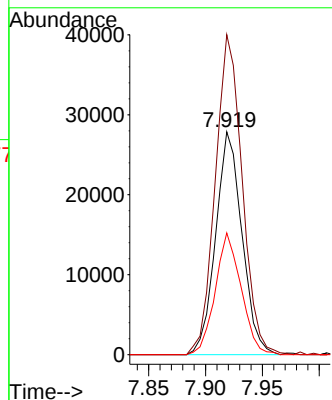
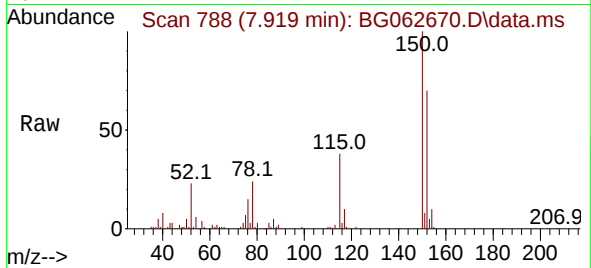




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.919 min Scan# 71
Delta R.T. -0.001 min
Lab File: BG062670.D
Acq: 5 Sep 2024 17:12

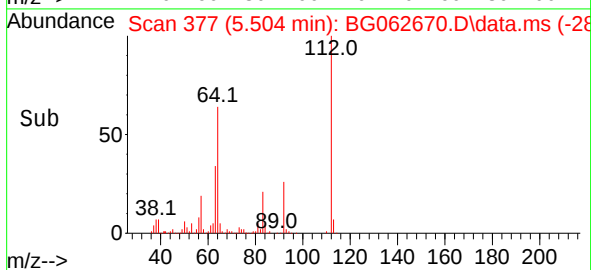
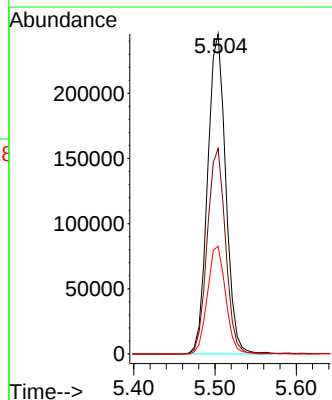
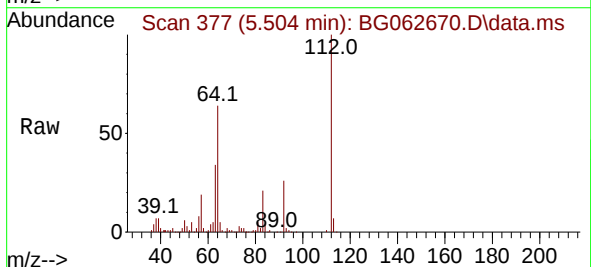
Instrument :
BNA_G
ClientSampleId :
PB163139BL

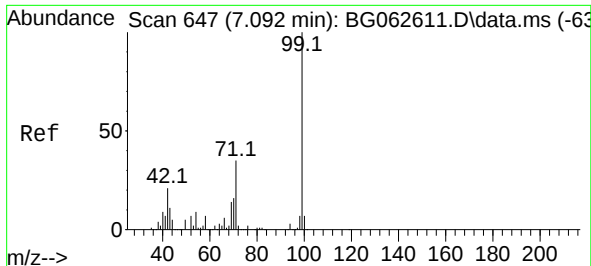
Tgt Ion:152 Resp: 44900
Ion Ratio Lower Upper
152 100
150 143.6 119.9 179.9
115 54.6 46.6 69.8



#5
2-Fluorophenol
Concen: 146.082 ng
RT: 5.504 min Scan# 377
Delta R.T. -0.002 min
Lab File: BG062670.D
Acq: 5 Sep 2024 17:12

Tgt Ion:112 Resp: 379458
Ion Ratio Lower Upper
112 100
64 64.2 50.2 75.2
63 33.7 26.6 39.8

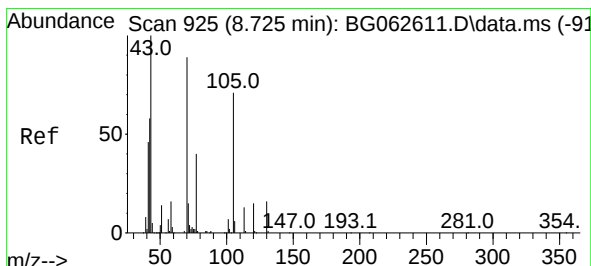
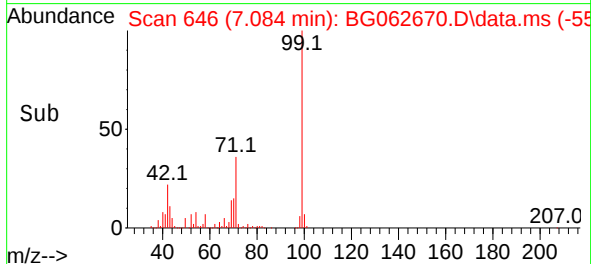
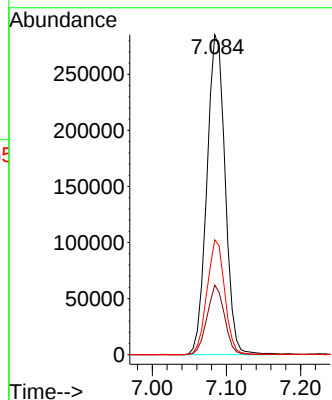
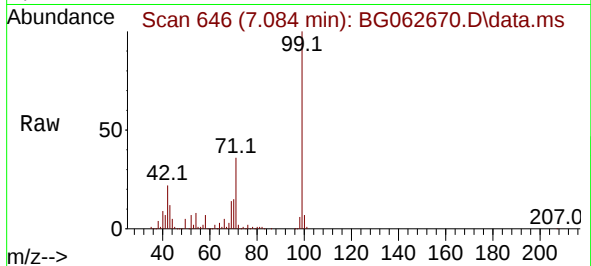




#7
Phenol-d6
Concen: 130.081 ng
RT: 7.084 min Scan# 647
Delta R.T. -0.007 min
Lab File: BG062670.D
Acq: 5 Sep 2024 17:12

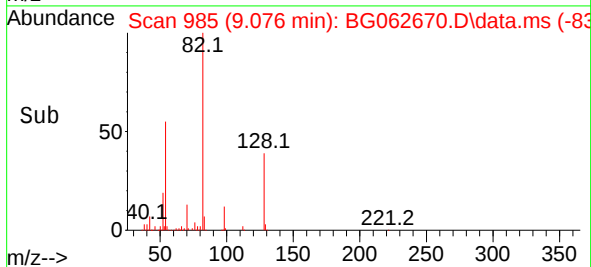
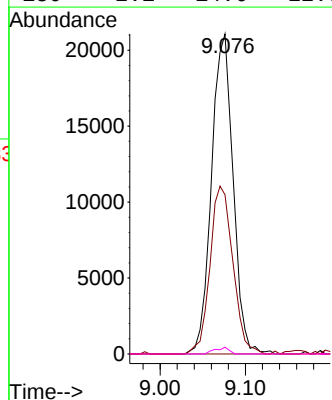
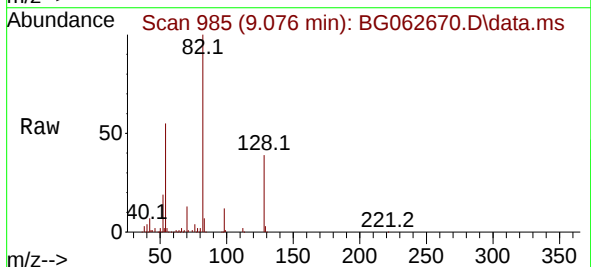
Instrument :
BNA_G
ClientSampleId :
PB163139BL

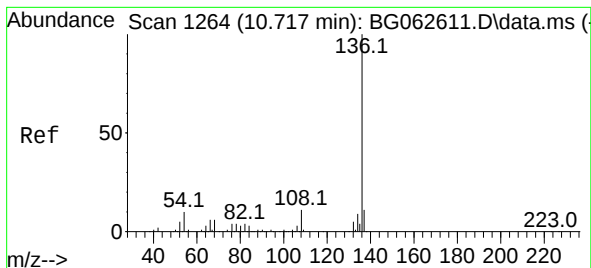
Tgt Ion: 99 Resp: 488137
Ion Ratio Lower Upper
99 100
42 21.8 16.9 25.3
71 35.9 27.9 41.9



#19
n-Nitroso-di-n-propylamine
Concen: 12.553 ng
RT: 9.076 min Scan# 985
Delta R.T. 0.351 min
Lab File: BG062670.D
Acq: 5 Sep 2024 17:12

Tgt Ion: 70 Resp: 37117
Ion Ratio Lower Upper
70 100
42 49.7 52.3 78.5#
101 0.0 6.6 9.8#
130 2.1 14.6 22.0#

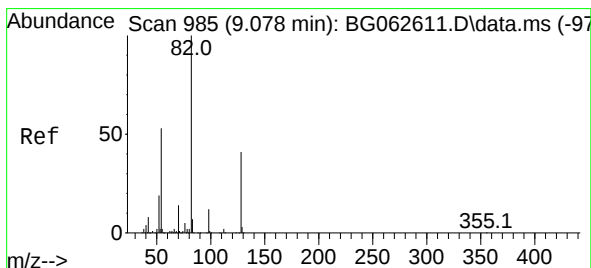
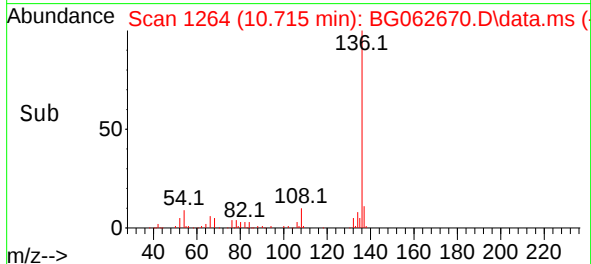
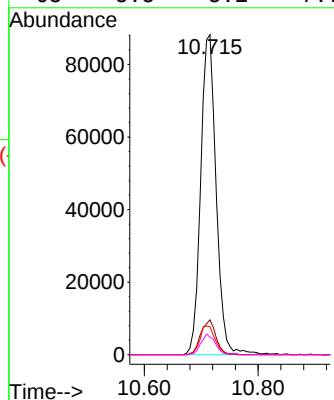
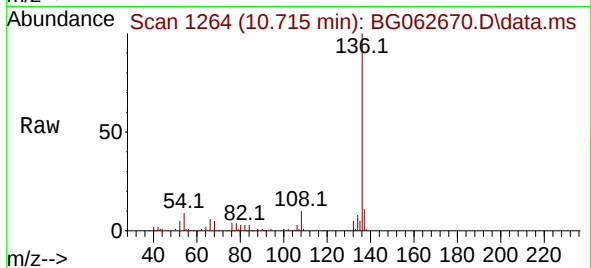




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.715 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG062670.D
Acq: 5 Sep 2024 17:12

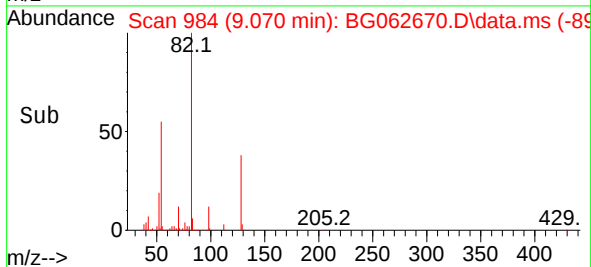
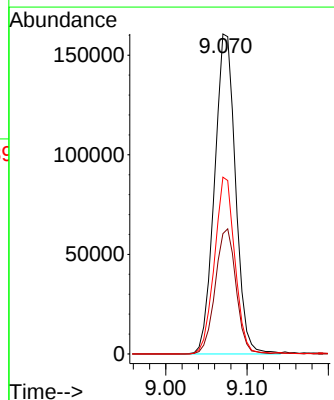
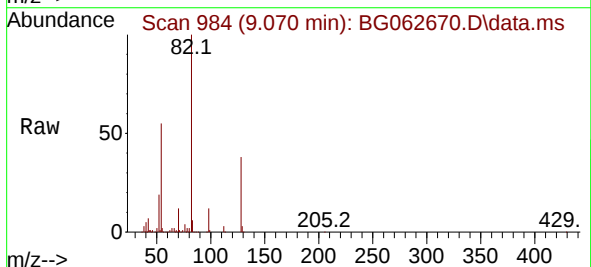
Instrument :
BNA_G
ClientSampleId :
PB163139BL

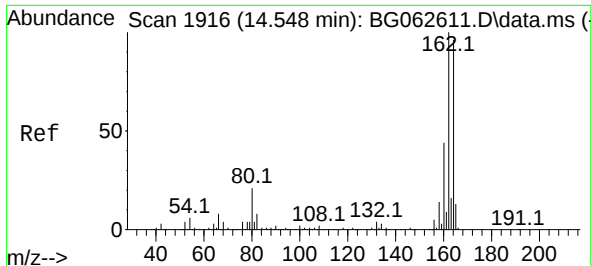
Tgt Ion:136 Resp: 166560
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 8.7 7.8 11.6
68 5.5 5.1 7.7



#23
Nitrobenzene-d5
Concen: 93.315 ng
RT: 9.070 min Scan# 984
Delta R.T. -0.007 min
Lab File: BG062670.D
Acq: 5 Sep 2024 17:12

Tgt Ion: 82 Resp: 288592
Ion Ratio Lower Upper
82 100
128 37.6 32.5 48.7
54 55.2 42.5 63.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.540 min Scan# 1

Delta R.T. -0.007 min

Lab File: BG062670.D

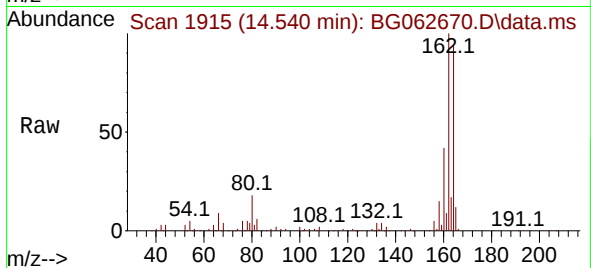
Acq: 5 Sep 2024 17:12

Instrument :

BNA_G

ClientSampleId :

PB163139BL



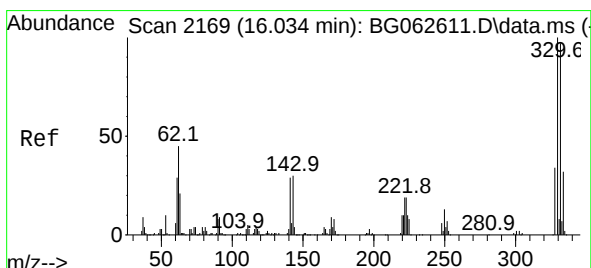
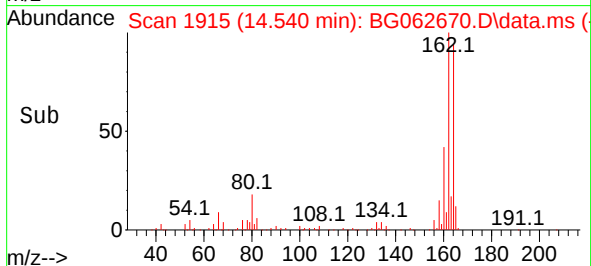
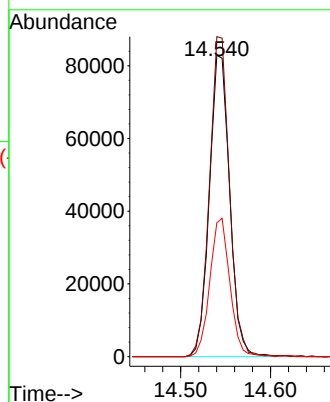
Tgt Ion:164 Resp: 130204

Ion Ratio Lower Upper

164 100

162 106.2 83.1 124.7

160 44.4 36.2 54.4



#42

2,4,6-Tribromophenol

Concen: 153.452 ng

RT: 16.033 min Scan# 2169

Delta R.T. -0.002 min

Lab File: BG062670.D

Acq: 5 Sep 2024 17:12

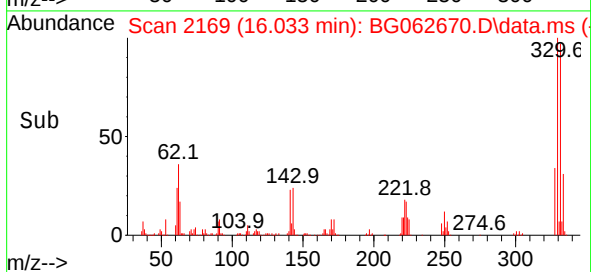
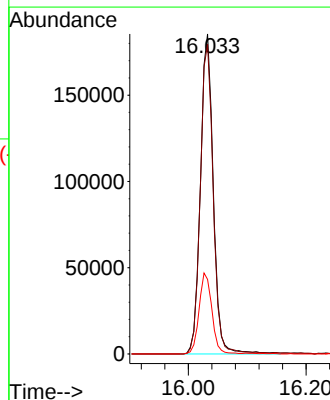
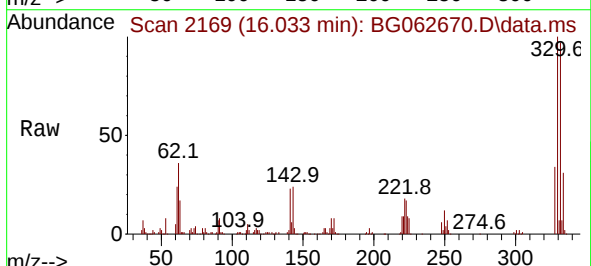
Tgt Ion:330 Resp: 281182

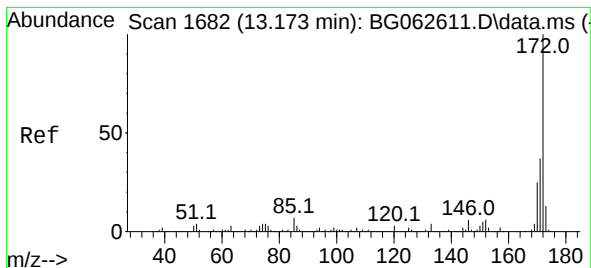
Ion Ratio Lower Upper

330 100

332 97.2 77.2 115.8

141 25.2 22.2 33.4





#45

2-Fluorobiphenyl

Concen: 92.308 ng

RT: 13.165 min Scan# 1

Delta R.T. -0.007 min

Lab File: BG062670.D

Acq: 5 Sep 2024 17:12

Instrument :

BNA_G

ClientSampleId :

PB163139BL

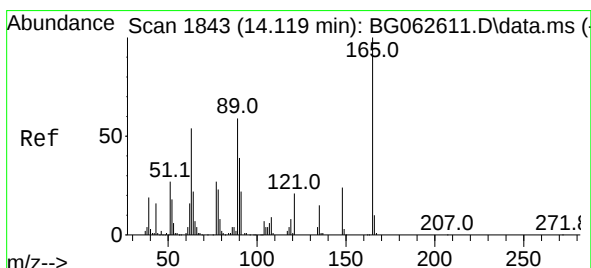
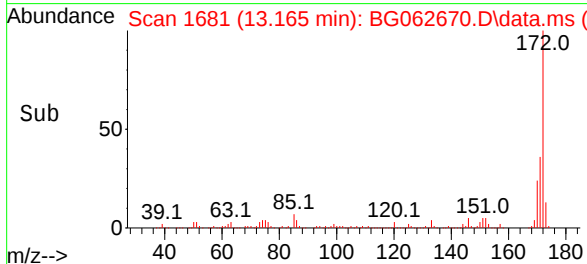
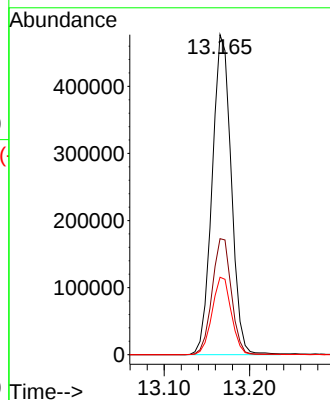
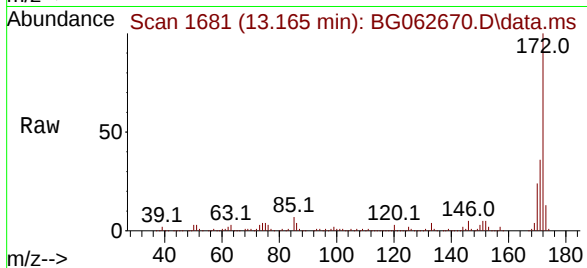
Tgt Ion:172 Resp: 742005

Ion Ratio Lower Upper

172 100

171 36.3 29.7 44.5

170 24.2 20.0 30.0



#51

2,6-Dinitrotoluene

Concen: 9.611 ng

RT: 14.546 min Scan# 1916

Delta R.T. 0.427 min

Lab File: BG062670.D

Acq: 5 Sep 2024 17:12

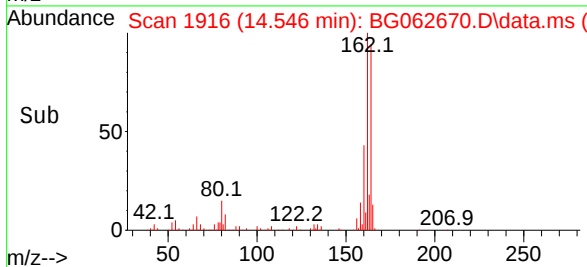
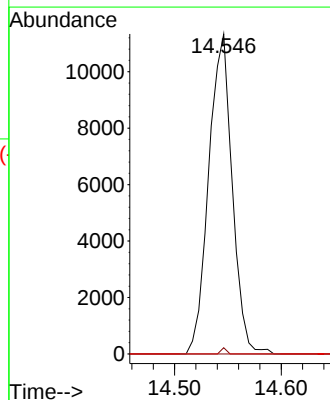
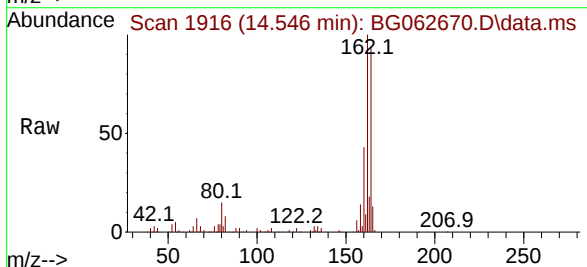
Tgt Ion:165 Resp: 17308

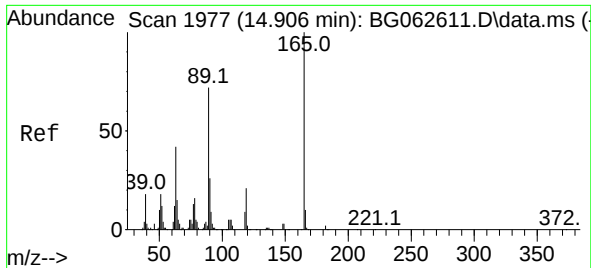
Ion Ratio Lower Upper

165 100

63 1.9 46.6 69.8#

89 0.0 47.2 70.8#

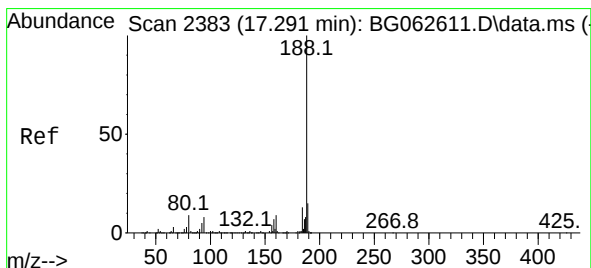
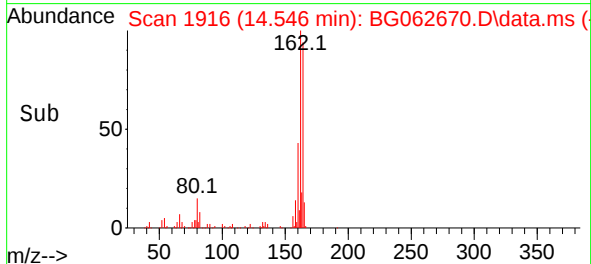
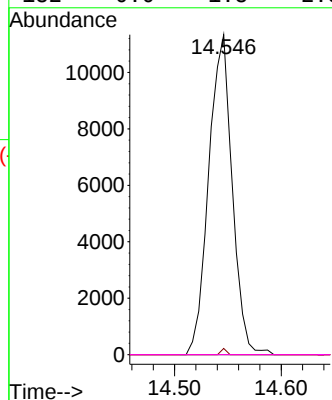
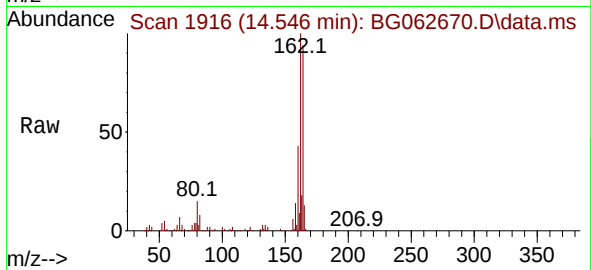




#57
2,4-Dinitrotoluene
Concen: 7.044 ng
RT: 14.546 min Scan# 1977
Delta R.T. -0.360 min
Lab File: BG062670.D
Acq: 5 Sep 2024 17:12

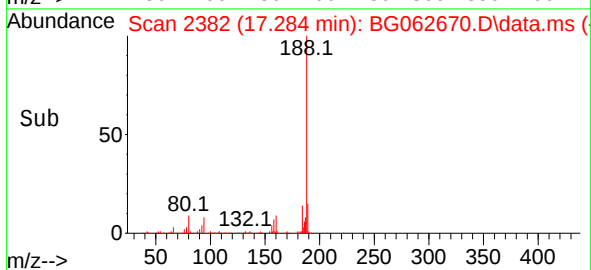
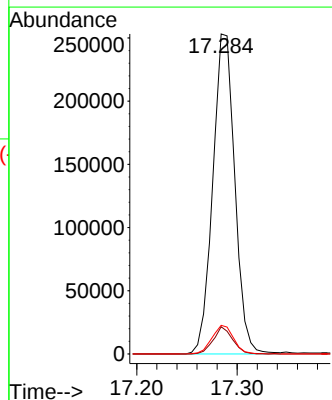
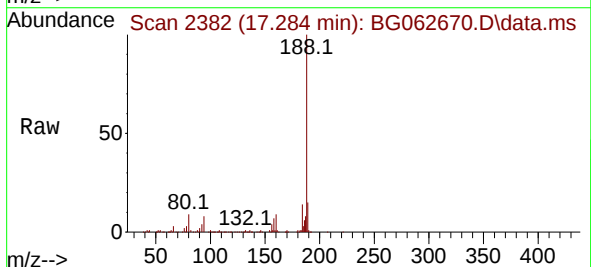
Instrument :
BNA_G
ClientSampleId :
PB163139BL

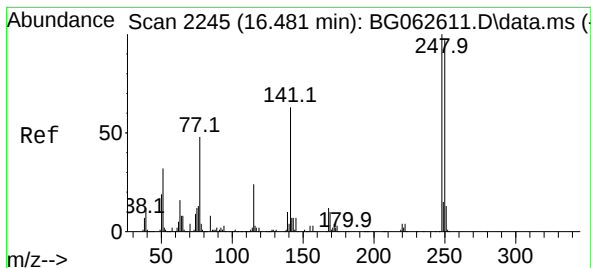
Tgt Ion:165 Resp: 17308
Ion Ratio Lower Upper
165 100
63 1.9 33.8 50.6#
89 0.0 57.9 86.9#
182 0.0 1.8 2.8#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.284 min Scan# 2382
Delta R.T. -0.007 min
Lab File: BG062670.D
Acq: 5 Sep 2024 17:12

Tgt Ion:188 Resp: 386128
Ion Ratio Lower Upper
188 100
94 8.5 6.3 9.5
80 8.9 7.0 10.4

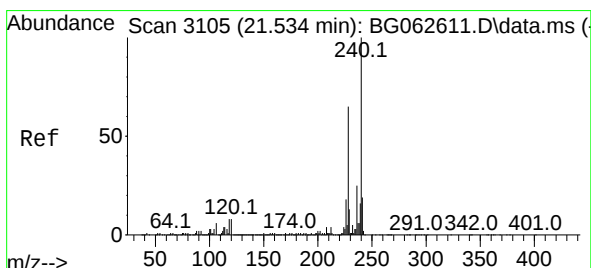
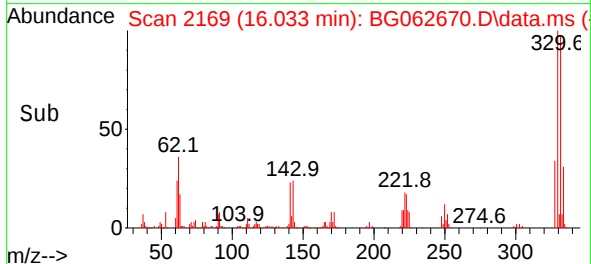
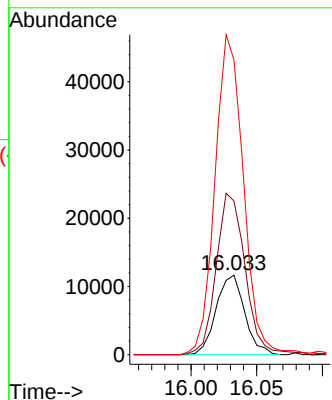
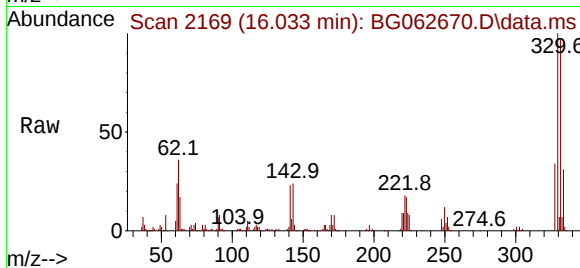




#67
4-Bromophenyl-phenylether
Concen: 4.420 ng
RT: 16.033 min Scan# 2169
Delta R.T. -0.448 min
Lab File: BG062670.D
Acq: 5 Sep 2024 17:12

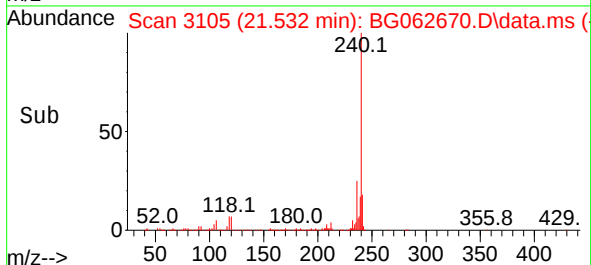
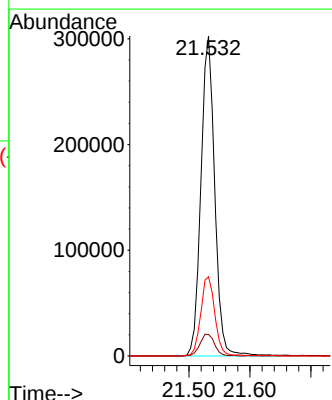
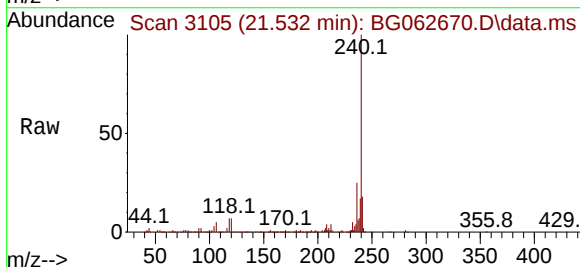
Instrument :
BNA_G
ClientSampleId :
PB163139BL

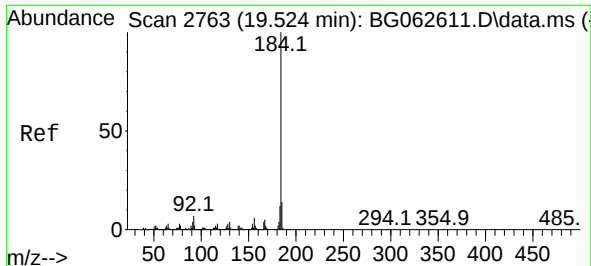
Tgt Ion:248 Resp: 17613
Ion Ratio Lower Upper
248 100
250 193.1 77.9 116.9#
141 370.2 50.2 75.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.532 min Scan# 3105
Delta R.T. -0.002 min
Lab File: BG062670.D
Acq: 5 Sep 2024 17:12

Tgt Ion:240 Resp: 474388
Ion Ratio Lower Upper
240 100
120 6.7 6.6 9.8
236 24.7 20.2 30.4

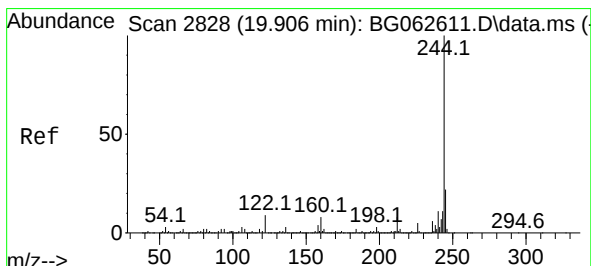
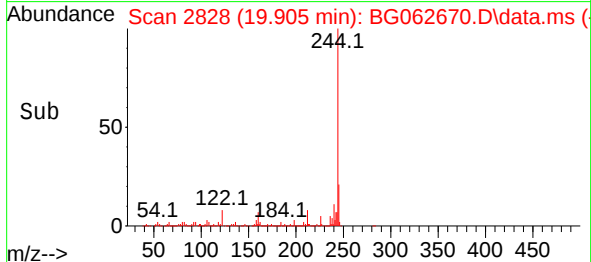
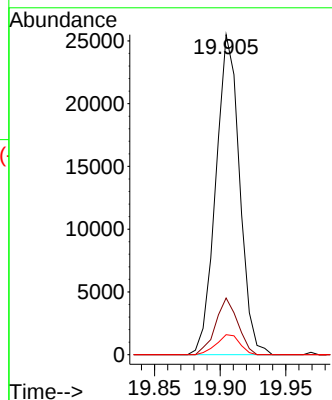
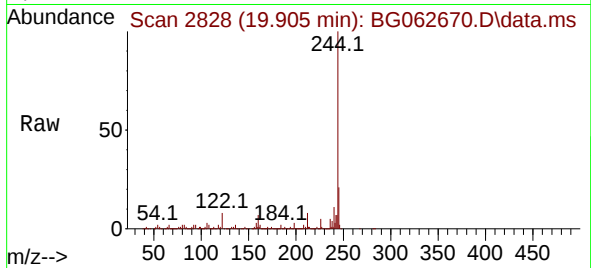




#77
Benzidine
Concen: 3.749 ng
RT: 19.905 min Scan# 2828
Delta R.T. 0.381 min
Lab File: BG062670.D
Acq: 5 Sep 2024 17:12

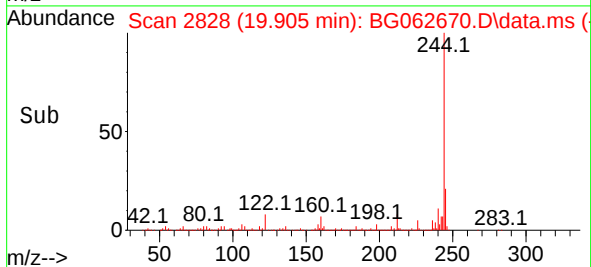
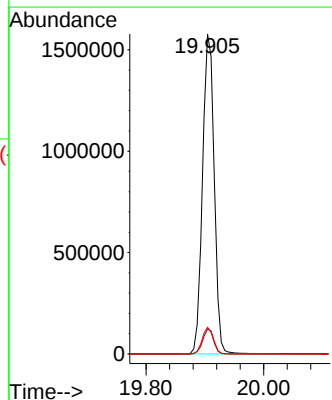
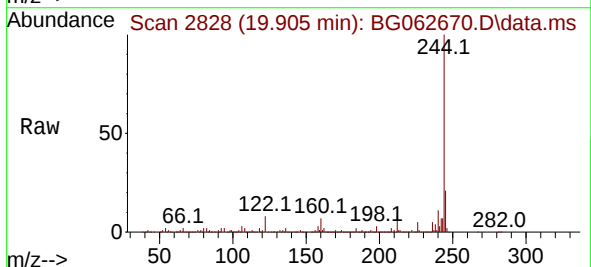
Instrument :
BNA_G
ClientSampleId :
PB163139BL

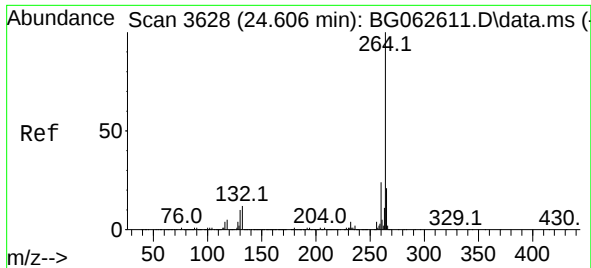
Tgt Ion:184 Resp: 32055
Ion Ratio Lower Upper
184 100
185 17.7 11.0 16.6#
183 6.3 9.7 14.5#



#79
Terphenyl-d14
Concen: 90.788 ng
RT: 19.905 min Scan# 2828
Delta R.T. -0.001 min
Lab File: BG062670.D
Acq: 5 Sep 2024 17:12

Tgt Ion:244 Resp: 2172078
Ion Ratio Lower Upper
244 100
212 7.8 6.6 10.0
122 8.4 7.2 10.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.599 min Scan# 30
Delta R.T. -0.007 min
Lab File: BG062670.D
Acq: 5 Sep 2024 17:12

Instrument :
BNA_G
ClientSampleId :
PB163139BL

Tgt Ion:264 Resp: 535371
Ion Ratio Lower Upper
264 100
260 23.4 19.0 28.4
265 20.3 17.3 25.9

