

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090424\
 Data File : BG062637.D
 Acq On : 4 Sep 2024 10:25
 Operator : MA/JU
 Sample : PB162517BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB162517BL

Quant Time: Sep 04 11:27:38 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)

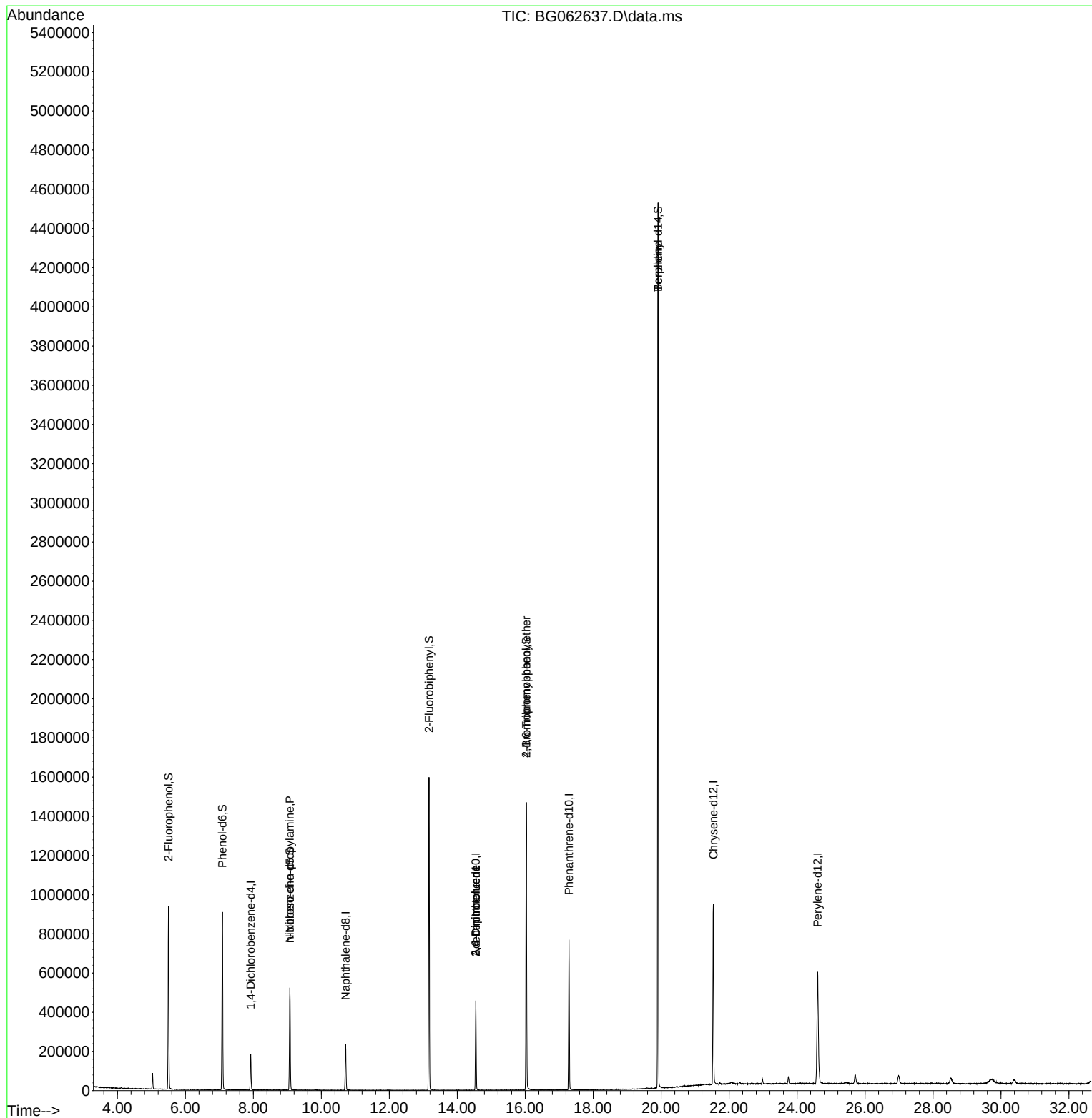
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.923	152	50274	20.000	ng	0.00
21) Naphthalene-d8	10.714	136	204147	20.000	ng	# 0.00
39) Acenaphthene-d10	14.545	164	165525	20.000	ng	0.00
64) Phenanthrene-d10	17.289	188	492029	20.000	ng	0.00
76) Chrysene-d12	21.537	240	561784	20.000	ng	0.00
86) Perylene-d12	24.604	264	644357	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.503	112	386367	132.842	ng	0.00
7) Phenol-d6	7.089	99	516879	123.017	ng	0.00
23) Nitrobenzene-d5	9.075	82	309832	81.737	ng	0.00
42) 2,4,6-Tribromophenol	16.032	330	318921	136.908	ng	0.00
45) 2-Fluorobiphenyl	13.170	172	837871	81.992	ng	0.00
79) Terphenyl-d14	19.909	244	2297338	81.085	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.075	70	40920	12.359	ng	# 77
51) 2,6-Dinitrotoluene	14.545	165	21412	9.353	ng	# 22
57) 2,4-Dinitrotoluene	14.545	165	21412	6.855	ng	# 23
67) 4-Bromophenyl-phenylether	16.032	248	21145	4.164	ng	# 1
77) Benzidine	19.909	184	35846	3.540	ng	# 92

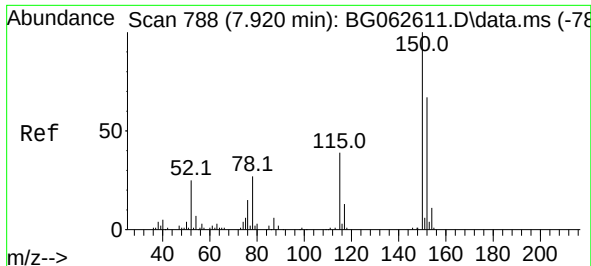
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090424\
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Quant Time: Sep 04 11:27:38 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

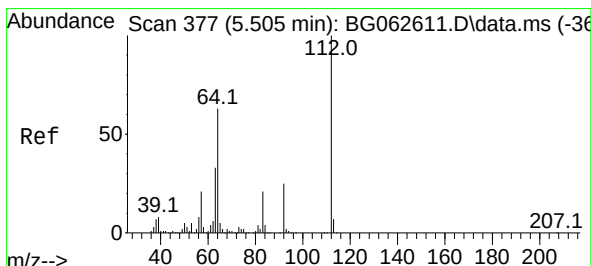
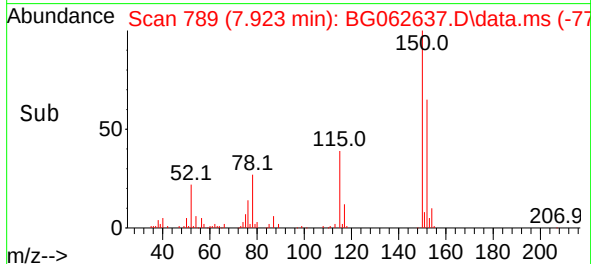
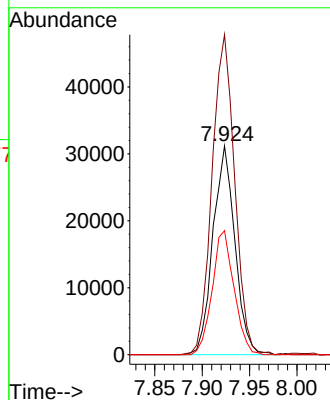
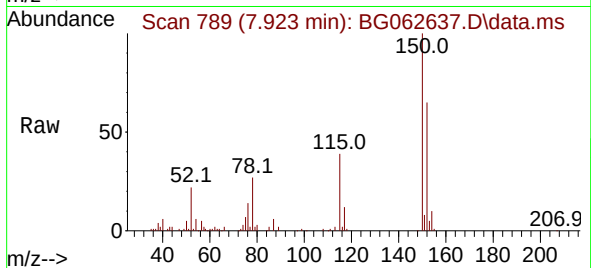




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.923 min Scan# 71
Delta R.T. 0.003 min
Lab File: BG062637.D
Acq: 4 Sep 2024 10:25

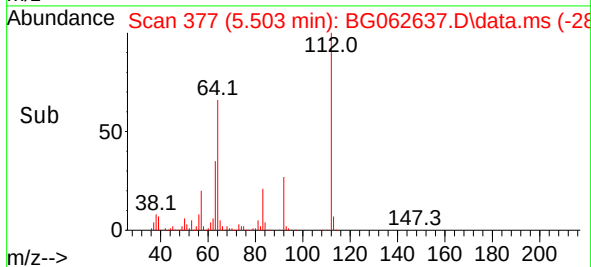
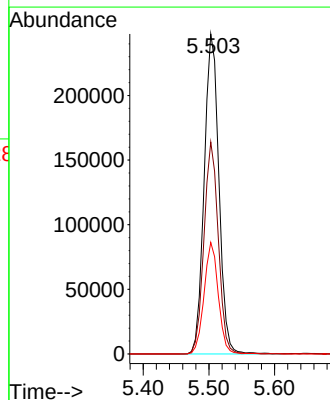
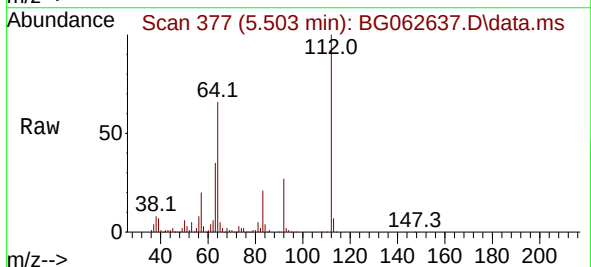
Instrument :
BNA_G
ClientSampleId :
PB162517BL

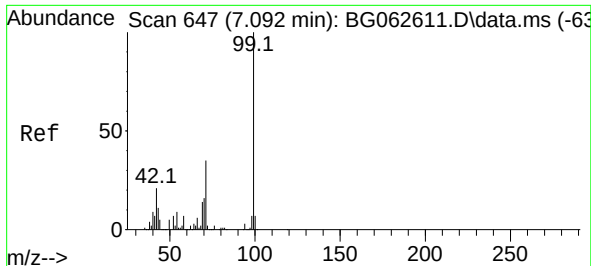
Tgt Ion:152 Resp: 50274
Ion Ratio Lower Upper
152 100
150 153.2 119.9 179.9
115 59.4 46.6 69.8



#5
2-Fluorophenol
Concen: 132.842 ng
RT: 5.503 min Scan# 377
Delta R.T. -0.002 min
Lab File: BG062637.D
Acq: 4 Sep 2024 10:25

Tgt Ion:112 Resp: 386367
Ion Ratio Lower Upper
112 100
64 66.3 50.2 75.2
63 34.9 26.6 39.8

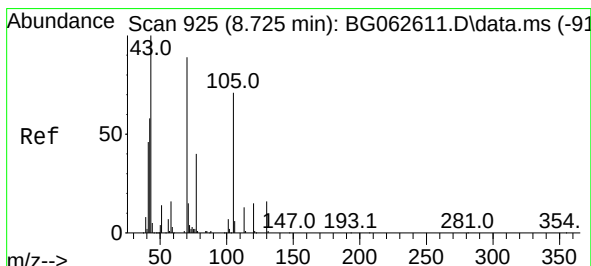
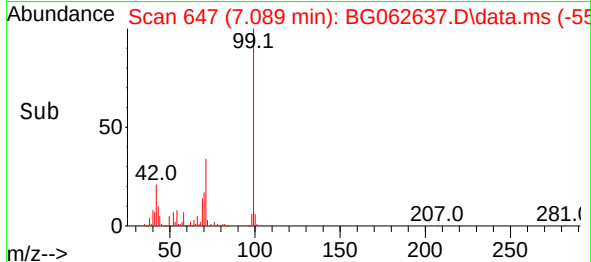
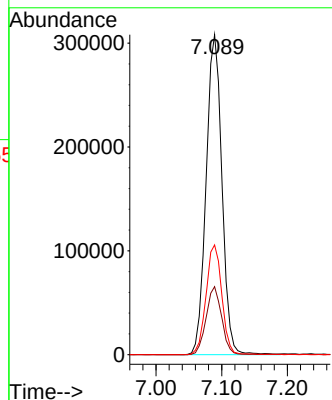
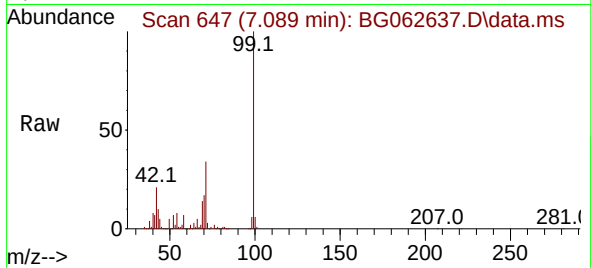




#7
Phenol-d6
Concen: 123.017 ng
RT: 7.089 min Scan# 64
Delta R.T. -0.002 min
Lab File: BG062637.D
Acq: 4 Sep 2024 10:25

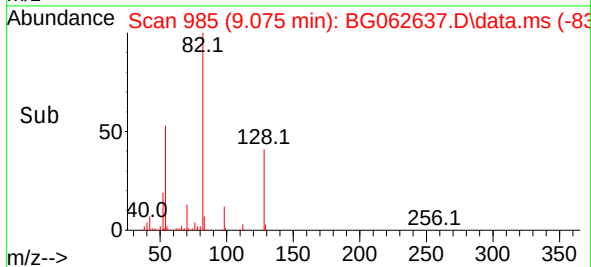
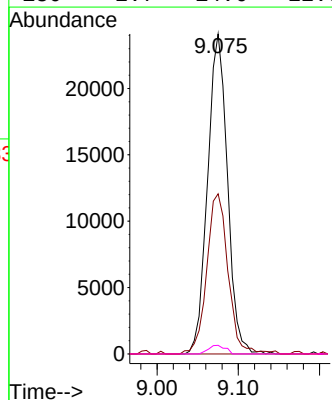
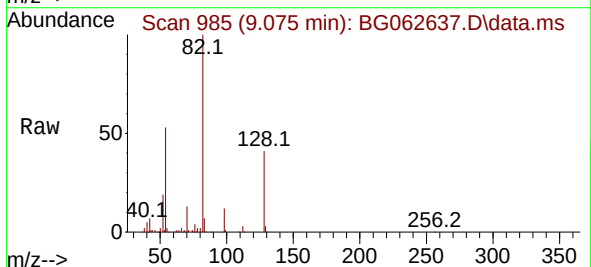
Instrument :
BNA_G
ClientSampleId :
PB162517BL

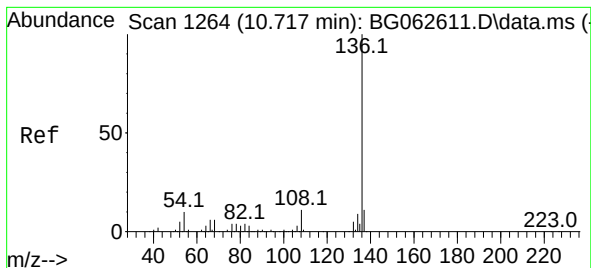
Tgt Ion: 99 Resp: 516879
Ion Ratio Lower Upper
99 100
42 21.2 16.9 25.3
71 34.3 27.9 41.9



#19
n-Nitroso-di-n-propylamine
Concen: 12.359 ng
RT: 9.075 min Scan# 985
Delta R.T. 0.350 min
Lab File: BG062637.D
Acq: 4 Sep 2024 10:25

Tgt Ion: 70 Resp: 40920
Ion Ratio Lower Upper
70 100
42 50.0 52.3 78.5#
101 0.0 6.6 9.8#
130 2.7 14.6 22.0#

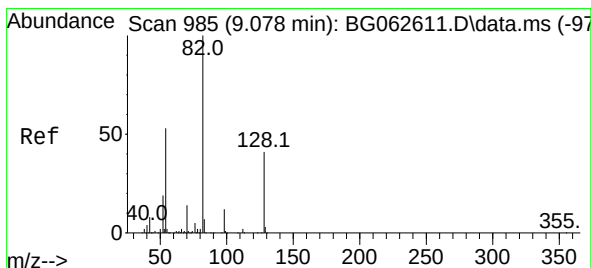
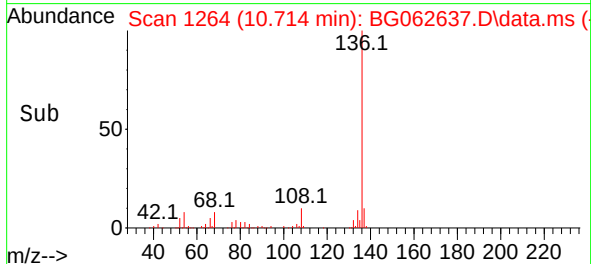
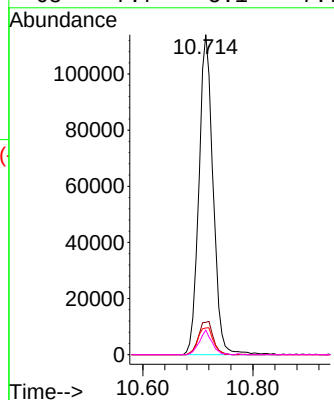
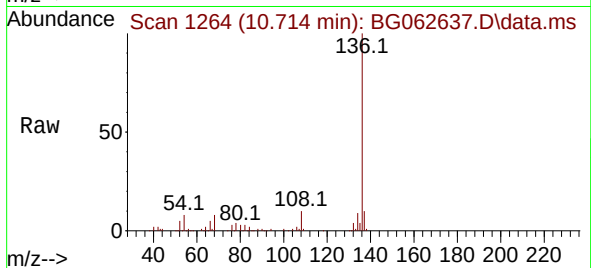




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.714 min Scan# 1264
Delta R.T. -0.002 min
Lab File: BG062637.D
Acq: 4 Sep 2024 10:25

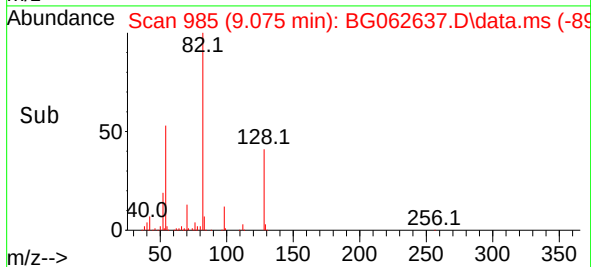
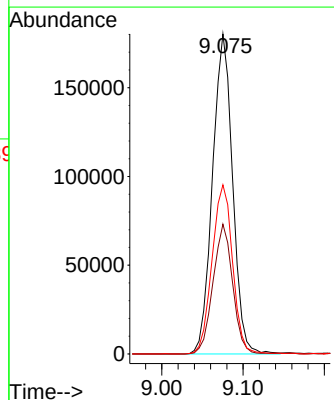
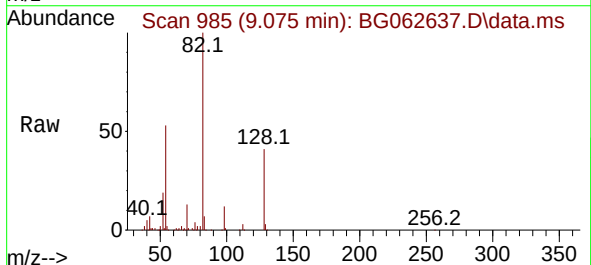
Instrument :
BNA_G
ClientSampleId :
PB162517BL

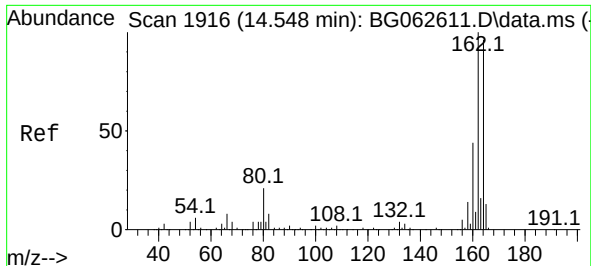
Tgt Ion:136 Resp: 204147
Ion Ratio Lower Upper
136 100
137 10.1 9.0 13.4
54 8.3 7.8 11.6
68 7.7 5.1 7.7#



#23
Nitrobenzene-d5
Concen: 81.737 ng
RT: 9.075 min Scan# 985
Delta R.T. -0.002 min
Lab File: BG062637.D
Acq: 4 Sep 2024 10:25

Tgt Ion: 82 Resp: 309832
Ion Ratio Lower Upper
82 100
128 40.6 32.5 48.7
54 52.9 42.5 63.7

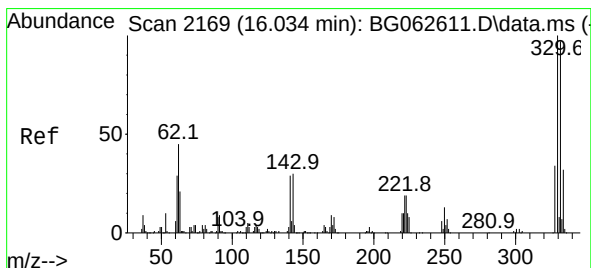
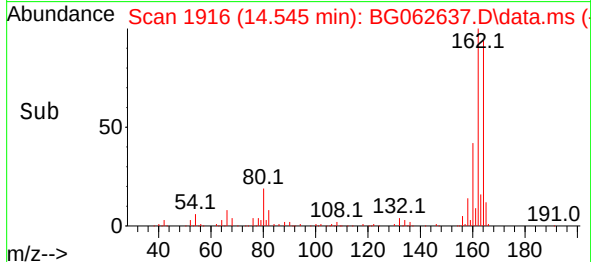
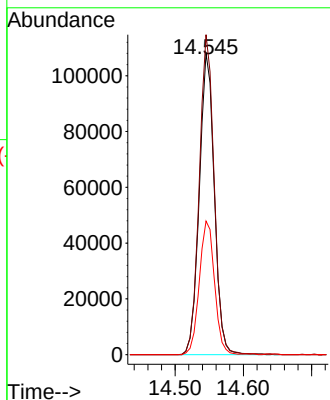
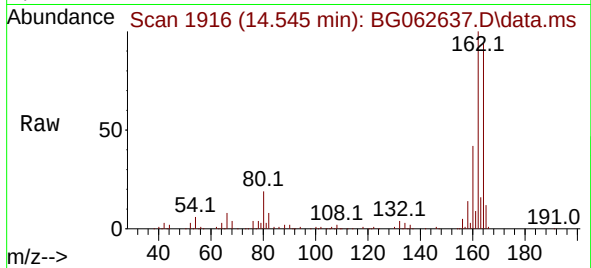




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.545 min Scan# 1916
Delta R.T. -0.002 min
Lab File: BG062637.D
Acq: 4 Sep 2024 10:25

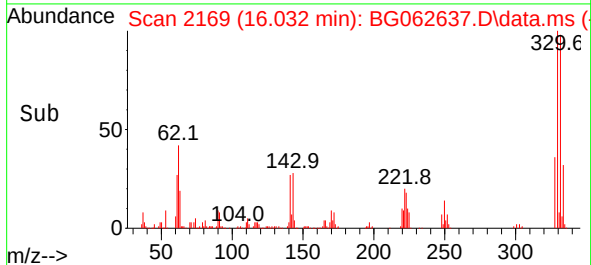
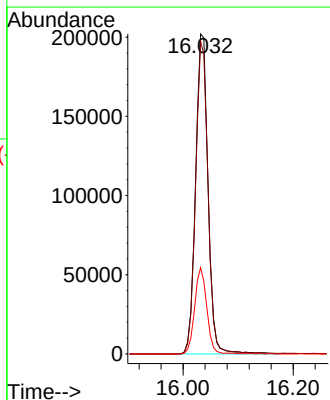
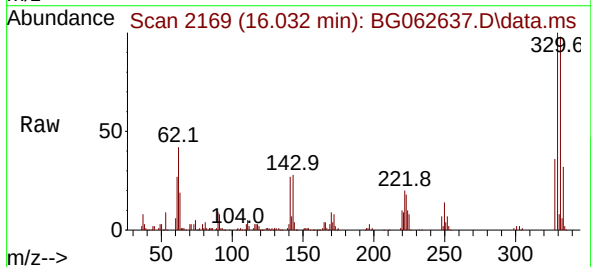
Instrument :
BNA_G
ClientSampleId :
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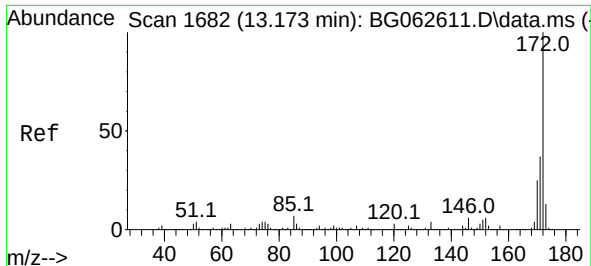
Tgt Ion:164 Resp: 165525
Ion Ratio Lower Upper
164 100
162 106.1 83.1 124.7
160 44.3 36.2 54.4



#42
2,4,6-Tribromophenol
Concen: 136.908 ng
RT: 16.032 min Scan# 2169
Delta R.T. -0.002 min
Lab File: BG062637.D
Acq: 4 Sep 2024 10:25

Tgt Ion:330 Resp: 318921
Ion Ratio Lower Upper
330 100
332 96.9 77.2 115.8
141 26.1 22.2 33.4





#45

2-Fluorobiphenyl

Concen: 81.992 ng

RT: 13.170 min Scan# 1

Delta R.T. -0.002 min

Lab File: BG062637.D

Acq: 4 Sep 2024 10:25

Instrument :

BNA_G

ClientSampleId :

PB162517BL

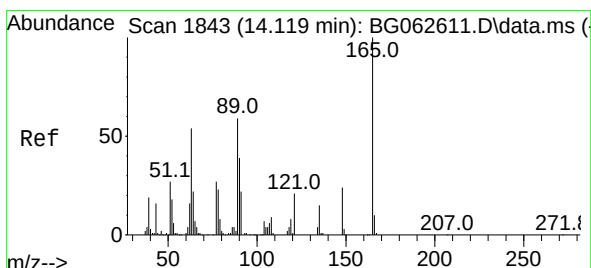
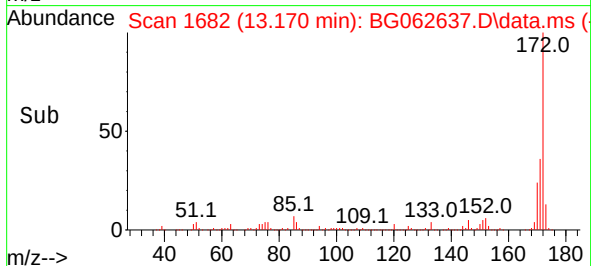
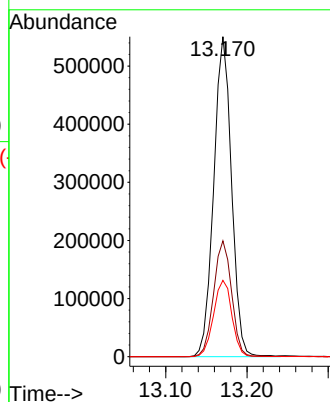
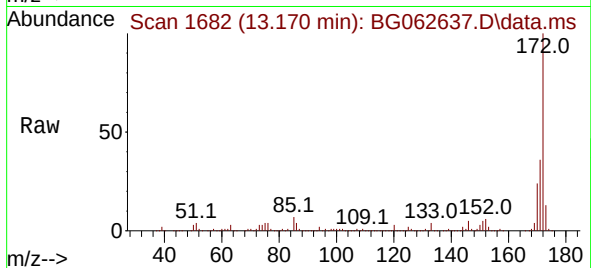
Tgt Ion:172 Resp: 837871

Ion Ratio Lower Upper

172 100

171 36.2 29.7 44.5

170 23.8 20.0 30.0



#51

2,6-Dinitrotoluene

Concen: 9.353 ng

RT: 14.545 min Scan# 1916

Delta R.T. 0.426 min

Lab File: BG062637.D

Acq: 4 Sep 2024 10:25

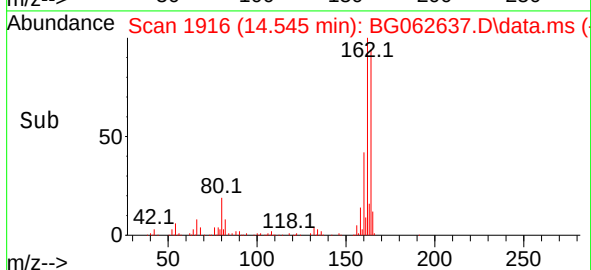
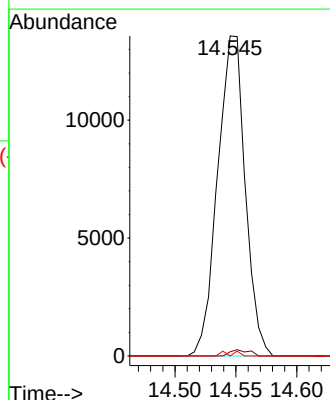
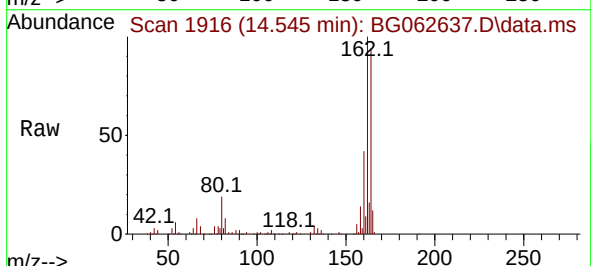
Tgt Ion:165 Resp: 21412

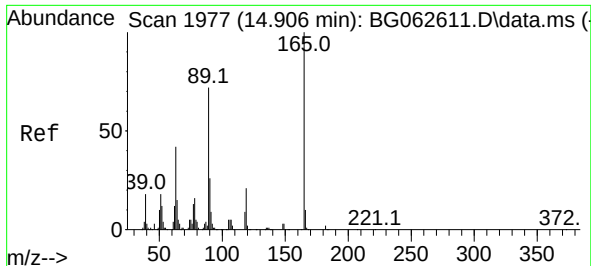
Ion Ratio Lower Upper

165 100

63 1.3 46.6 69.8#

89 0.0 47.2 70.8#

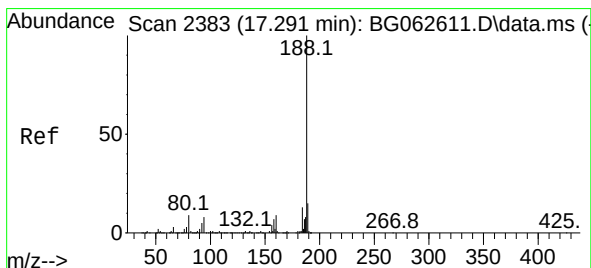
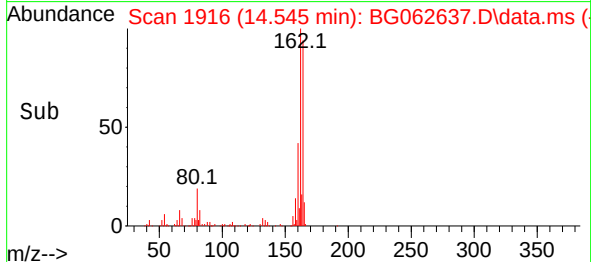
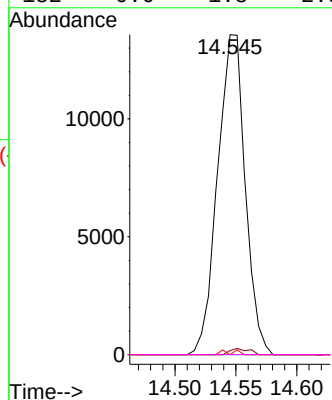
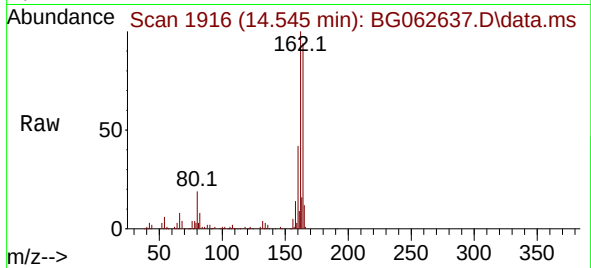




#57
2,4-Dinitrotoluene
Concen: 6.855 ng
RT: 14.545 min Scan# 1977
Delta R.T. -0.361 min
Lab File: BG062637.D
Acq: 4 Sep 2024 10:25

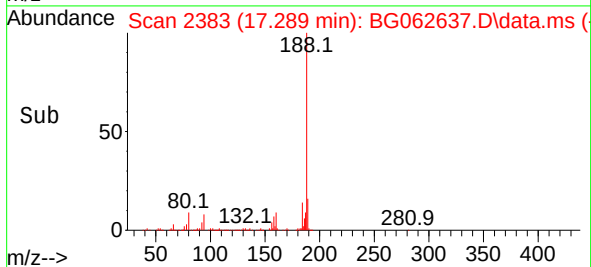
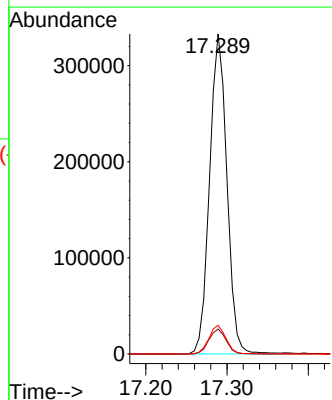
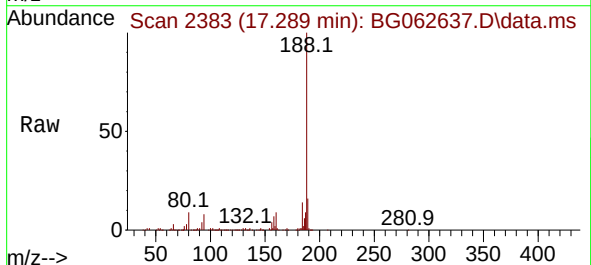
Instrument :
BNA_G
ClientSampleId :
PB162517BL

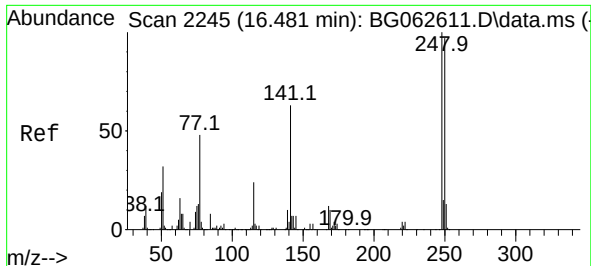
Tgt Ion:165 Resp: 21412
Ion Ratio Lower Upper
165 100
63 1.3 33.8 50.6#
89 0.0 57.9 86.9#
182 0.0 1.8 2.8#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.289 min Scan# 2383
Delta R.T. -0.002 min
Lab File: BG062637.D
Acq: 4 Sep 2024 10:25

Tgt Ion:188 Resp: 492029
Ion Ratio Lower Upper
188 100
94 7.8 6.3 9.5
80 8.9 7.0 10.4

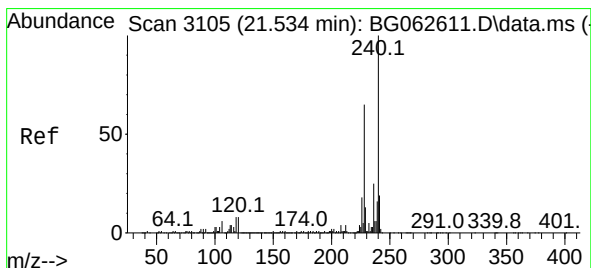
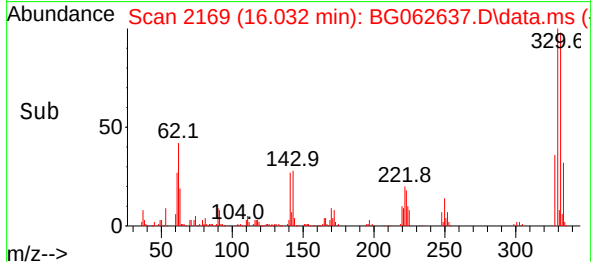
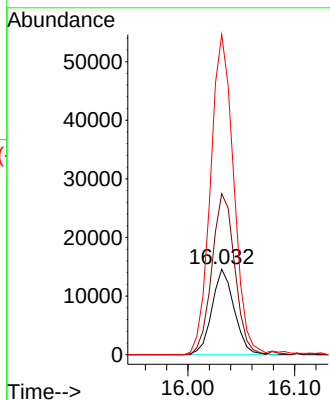
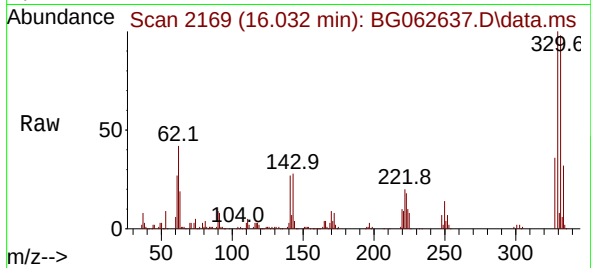




#67
4-Bromophenyl-phenylether
Concen: 4.164 ng
RT: 16.032 min Scan# 2169
Delta R.T. -0.449 min
Lab File: BG062637.D
Acq: 4 Sep 2024 10:25

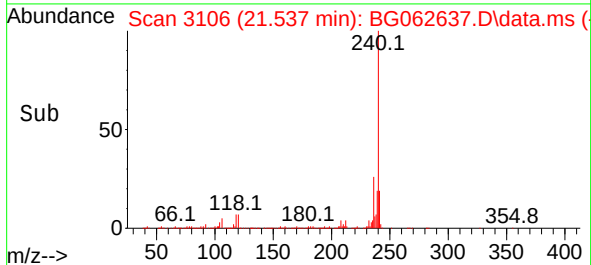
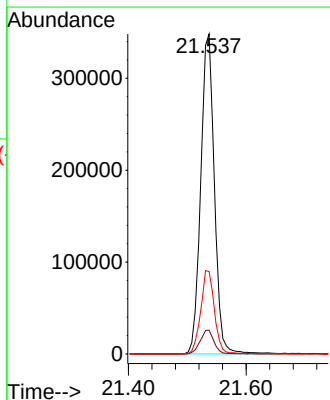
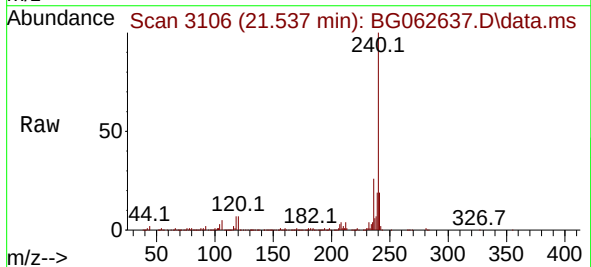
Instrument :
BNA_G
ClientSampleId :
PB162517BL

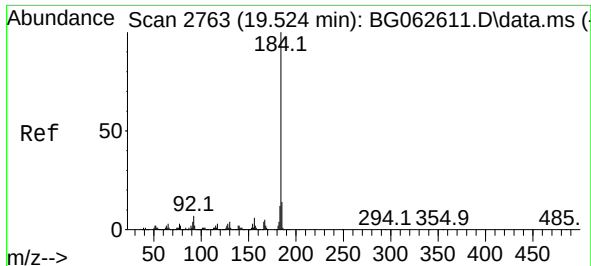
Tgt Ion:248 Resp: 21145
Ion Ratio Lower Upper
248 100
250 243.6 77.9 116.9#
141 374.6 50.2 75.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.537 min Scan# 3106
Delta R.T. 0.003 min
Lab File: BG062637.D
Acq: 4 Sep 2024 10:25

Tgt Ion:240 Resp: 561784
Ion Ratio Lower Upper
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120 7.5 6.6 9.8
236 25.8 20.2 30.4

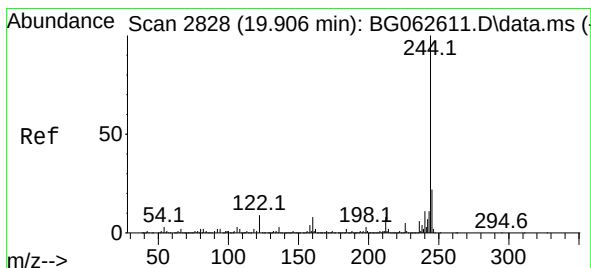
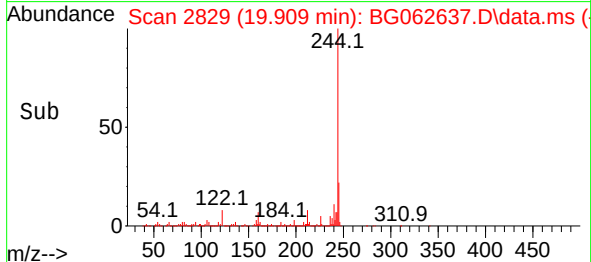
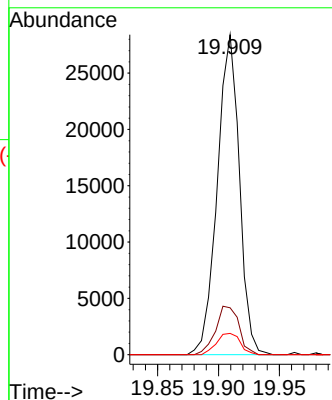
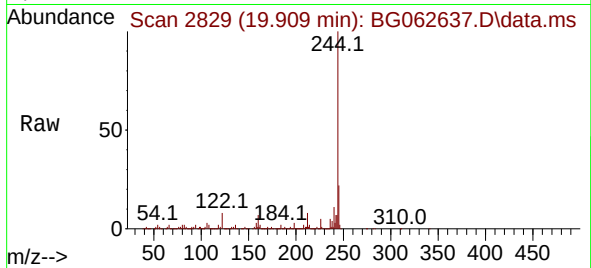




#77
Benzidine
Concen: 3.540 ng
RT: 19.909 min Scan# 2829
Delta R.T. 0.385 min
Lab File: BG062637.D
Acq: 4 Sep 2024 10:25

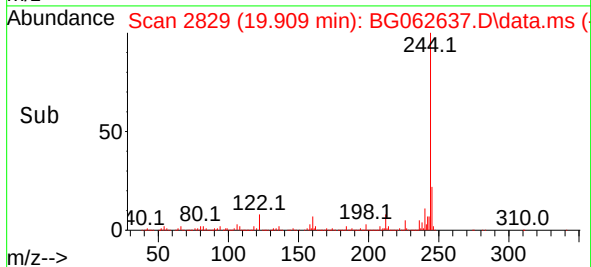
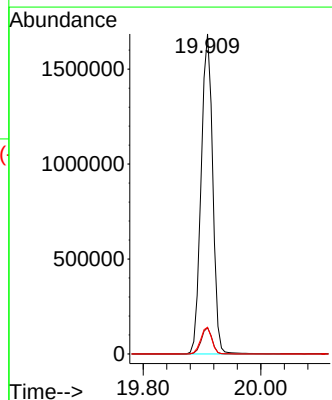
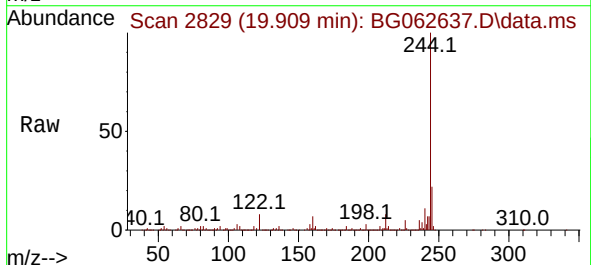
Instrument :
BNA_G
ClientSampleId :
PB162517BL

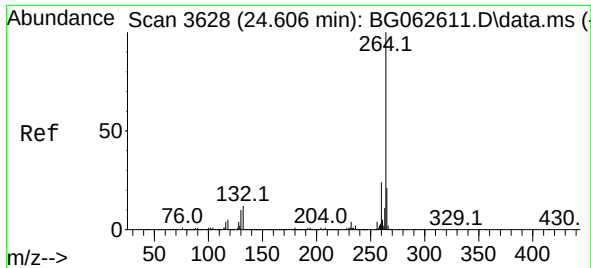
Tgt Ion:184 Resp: 35846
Ion Ratio Lower Upper
184 100
185 14.7 11.0 16.6
183 6.6 9.7 14.5#



#79
Terphenyl-d14
Concen: 81.085 ng
RT: 19.909 min Scan# 2829
Delta R.T. 0.003 min
Lab File: BG062637.D
Acq: 4 Sep 2024 10:25

Tgt Ion:244 Resp: 2297338
Ion Ratio Lower Upper
244 100
212 8.2 6.6 10.0
122 8.4 7.2 10.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.604 min Scan# 30
Delta R.T. -0.002 min
Lab File: BG062637.D
Acq: 4 Sep 2024 10:25

Instrument :
BNA_G
ClientSampleId :
PB162517BL

Tgt Ion:264 Resp: 644357

Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.0	28.4
265	21.2	17.3	25.9

