

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090624\
 Data File : BG062674.D
 Acq On : 6 Sep 2024 9:56
 Operator : MA/JU
 Sample : PB163160BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB163160BL

Quant Time: Sep 06 11:01:53 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)

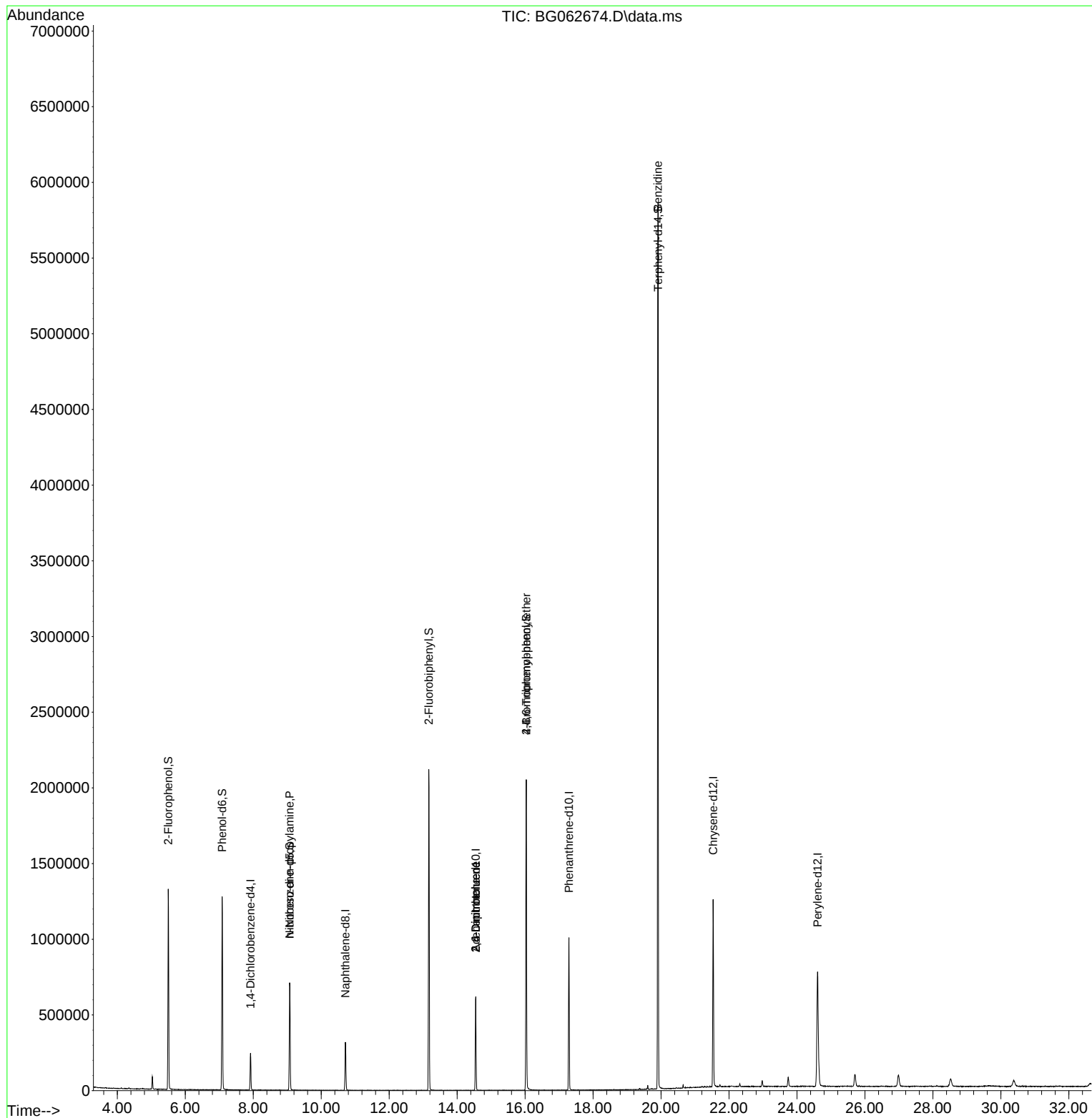
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.921	152	70003	20.000	ng	0.00
21) Naphthalene-d8	10.711	136	279239	20.000	ng	0.00
39) Acenaphthene-d10	14.548	164	226938	20.000	ng	0.00
64) Phenanthrene-d10	17.292	188	671130	20.000	ng	0.00
76) Chrysene-d12	21.534	240	767707	20.000	ng	0.00
86) Perylene-d12	24.607	264	857496	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.500	112	545347	134.659	ng	0.00
7) Phenol-d6	7.086	99	715067	122.222	ng	0.00
23) Nitrobenzene-d5	9.072	82	433618	83.631	ng	0.00
42) 2,4,6-Tribromophenol	16.035	330	453687	142.055	ng	0.00
45) 2-Fluorobiphenyl	13.167	172	1157830	82.641	ng	0.00
79) Terphenyl-d14	19.912	244	2959745	76.444	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.072	70	55522	12.044	ng	# 81
51) 2,6-Dinitrotoluene	14.548	165	28698	9.143	ng	# 24
57) 2,4-Dinitrotoluene	14.548	165	28698	6.701	ng	# 25
67) 4-Bromophenyl-phenylether	16.035	248	29730	4.292	ng	# 1
77) Benzidine	19.907	184	48318	3.492	ng	# 90

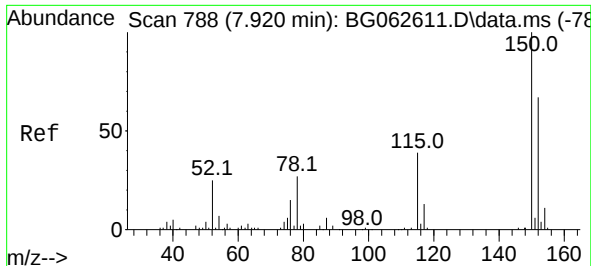
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090624\
Data File : BG062674.D
Acq On : 6 Sep 2024 9:56
Operator : MA/JU
Sample : PB163160BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB163160BL

Quant Time: Sep 06 11:01:53 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

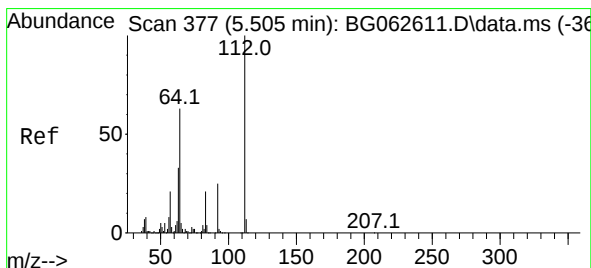
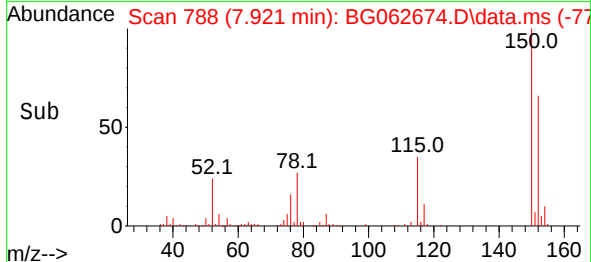
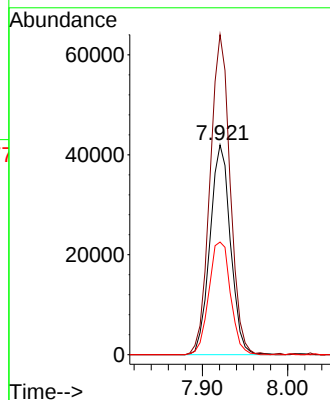
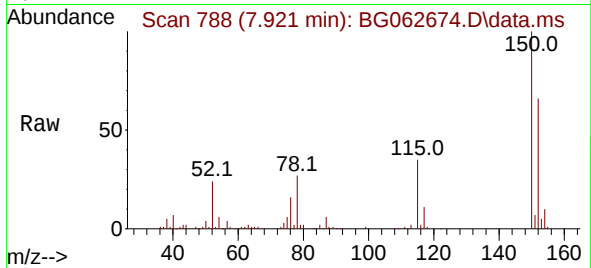




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.921 min Scan# 71
Delta R.T. 0.001 min
Lab File: BG062674.D
Acq: 6 Sep 2024 9:56

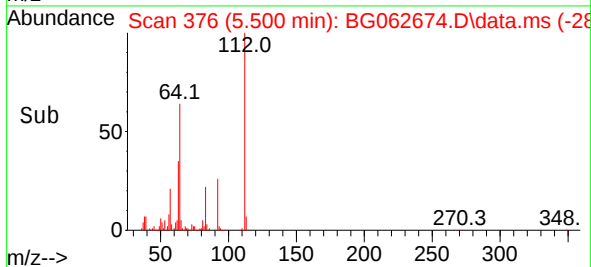
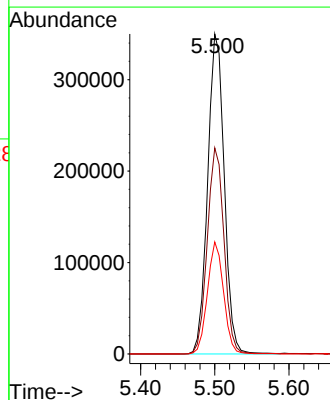
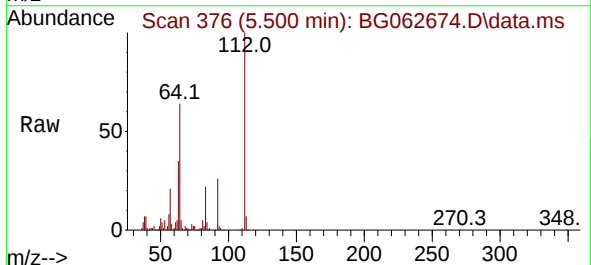
Instrument :
BNA_G
ClientSampleId :
PB163160BL

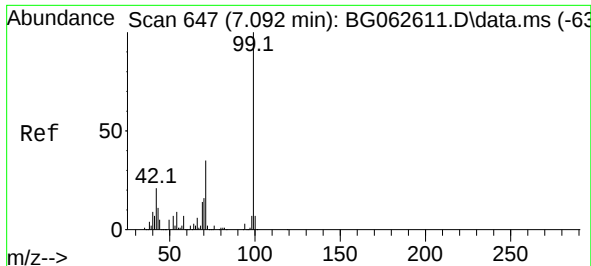
Tgt Ion:152 Resp: 70003
Ion Ratio Lower Upper
152 100
150 152.5 119.9 179.9
115 53.7 46.6 69.8



#5
2-Fluorophenol
Concen: 134.659 ng
RT: 5.500 min Scan# 376
Delta R.T. -0.005 min
Lab File: BG062674.D
Acq: 6 Sep 2024 9:56

Tgt Ion:112 Resp: 545347
Ion Ratio Lower Upper
112 100
64 64.4 50.2 75.2
63 35.0 26.6 39.8

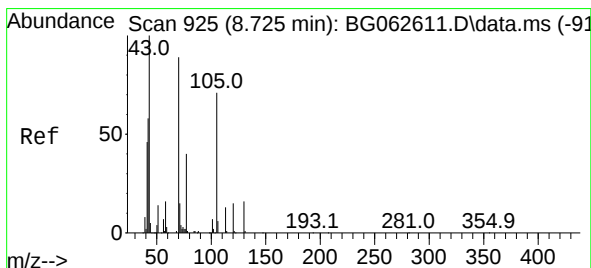
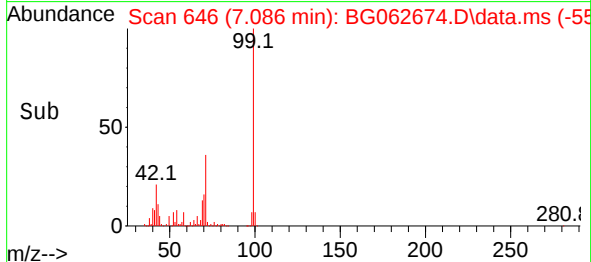
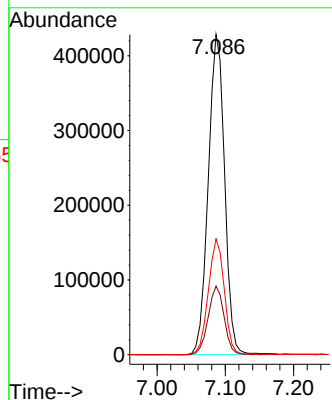
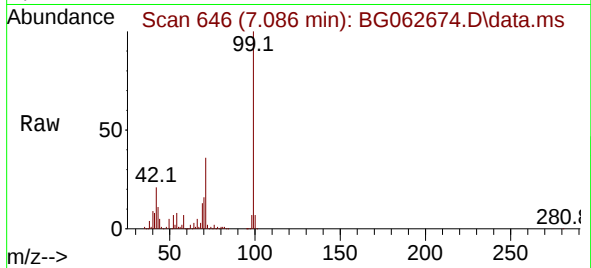




#7
Phenol-d6
Concen: 122.222 ng
RT: 7.086 min Scan# 64
Delta R.T. -0.005 min
Lab File: BG062674.D
Acq: 6 Sep 2024 9:56

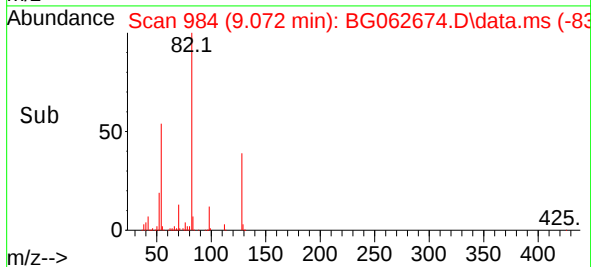
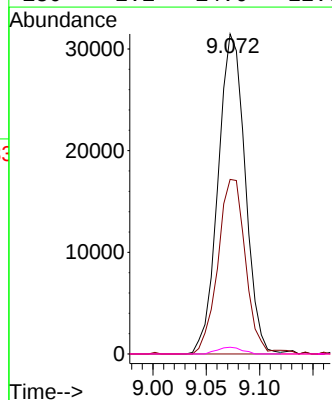
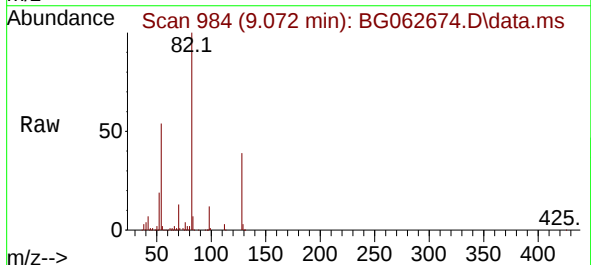
Instrument :
BNA_G
ClientSampleId :
PB163160BL

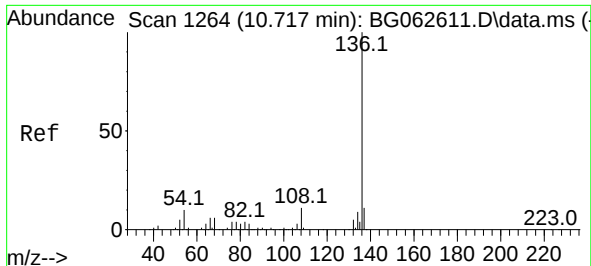
Tgt Ion: 99 Resp: 715067
Ion Ratio Lower Upper
99 100
42 21.4 16.9 25.3
71 36.1 27.9 41.9



#19
n-Nitroso-di-n-propylamine
Concen: 12.044 ng
RT: 9.072 min Scan# 984
Delta R.T. 0.347 min
Lab File: BG062674.D
Acq: 6 Sep 2024 9:56

Tgt Ion: 70 Resp: 55522
Ion Ratio Lower Upper
70 100
42 54.5 52.3 78.5
101 0.0 6.6 9.8#
130 2.1 14.6 22.0#

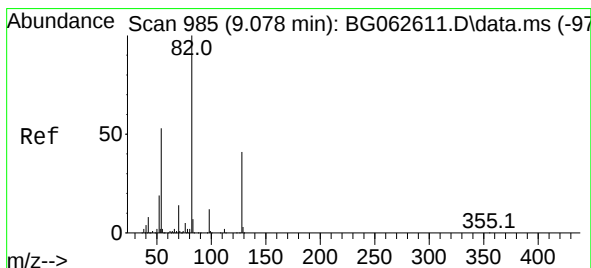
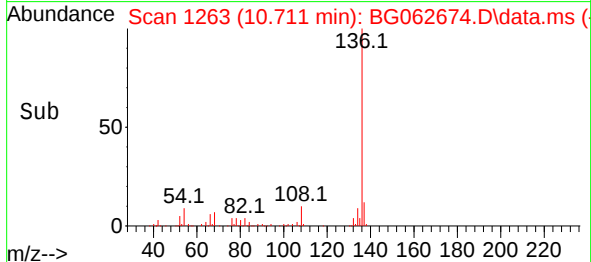
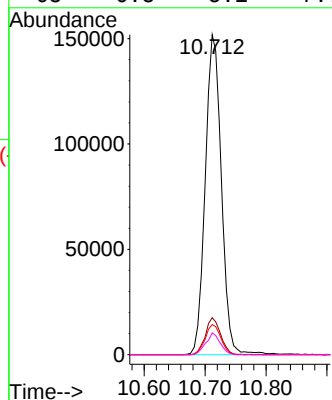
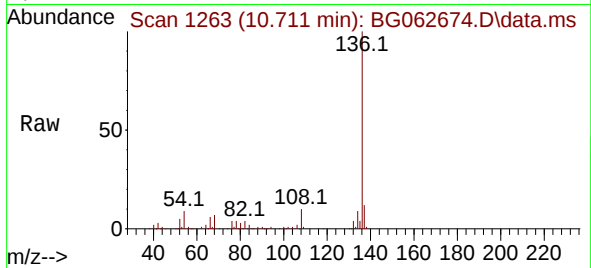




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.711 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG062674.D
Acq: 6 Sep 2024 9:56

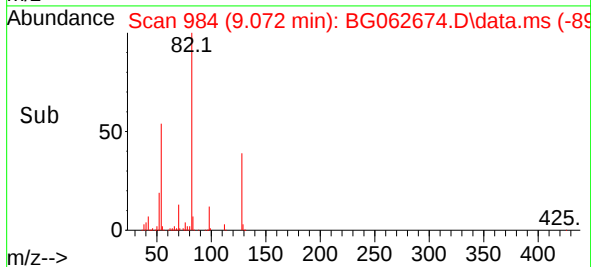
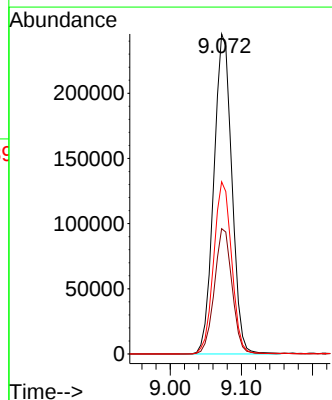
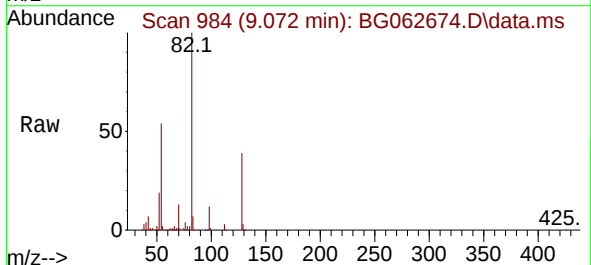
Instrument :
BNA_G
ClientSampleId :
PB163160BL

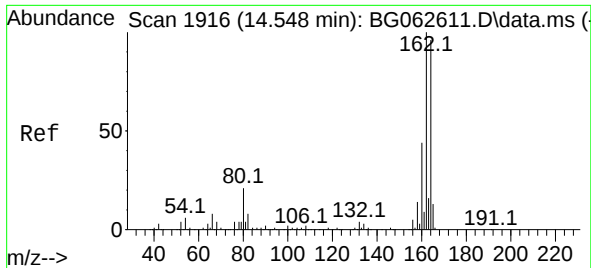
Tgt Ion:	136	Resp:	279239
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.4
54	9.4	7.8	11.6
68	6.8	5.1	7.7



#23
Nitrobenzene-d5
Concen: 83.631 ng
RT: 9.072 min Scan# 984
Delta R.T. -0.005 min
Lab File: BG062674.D
Acq: 6 Sep 2024 9:56

Tgt Ion:	82	Resp:	433618
Ion	Ratio	Lower	Upper
82	100		
128	39.2	32.5	48.7
54	53.8	42.5	63.7

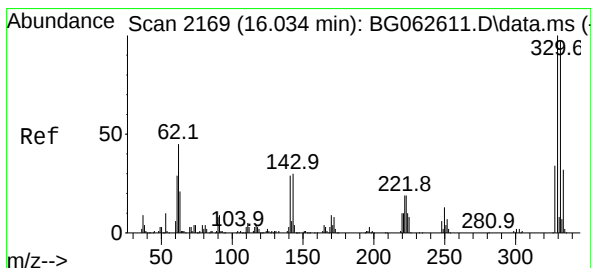
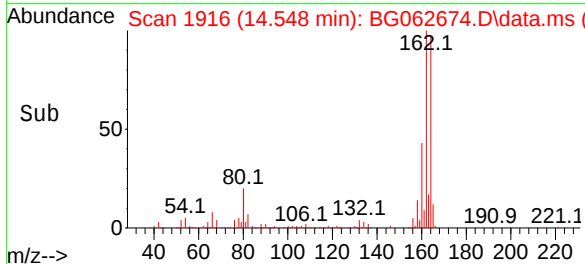
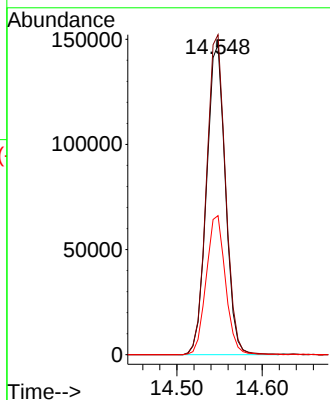
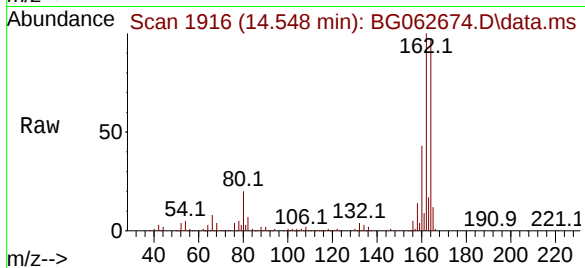




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.548 min Scan# 1916
Delta R.T. 0.001 min
Lab File: BG062674.D
Acq: 6 Sep 2024 9:56

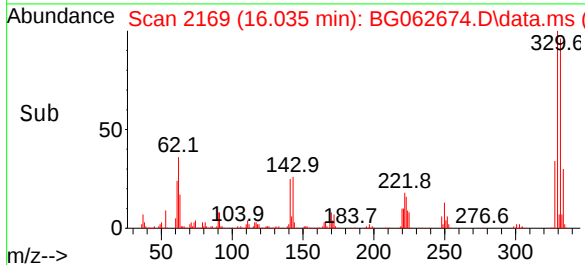
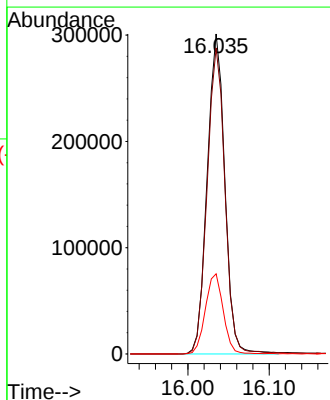
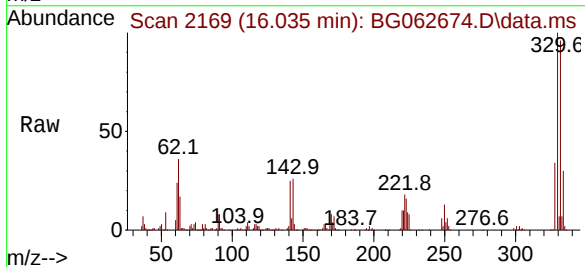
Instrument :
BNA_G
ClientSampleId :
PB163160BL

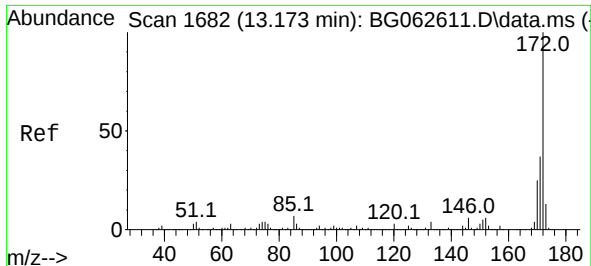
Tgt Ion:164 Resp: 226938
Ion Ratio Lower Upper
164 100
162 103.2 83.1 124.7
160 44.8 36.2 54.4



#42
2,4,6-Tribromophenol
Concen: 142.055 ng
RT: 16.035 min Scan# 2169
Delta R.T. 0.001 min
Lab File: BG062674.D
Acq: 6 Sep 2024 9:56

Tgt Ion:330 Resp: 453687
Ion Ratio Lower Upper
330 100
332 96.8 77.2 115.8
141 25.5 22.2 33.4





#45

2-Fluorobiphenyl

Concen: 82.641 ng

RT: 13.167 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG062674.D

Acq: 6 Sep 2024 9:56

Instrument :

BNA_G

ClientSampleId :

PB163160BL

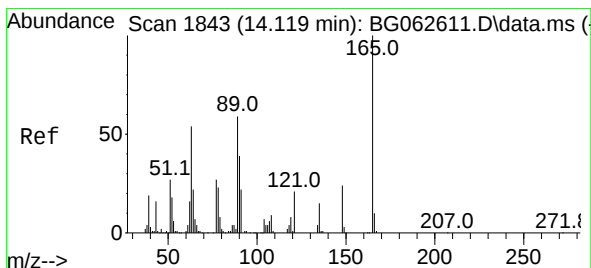
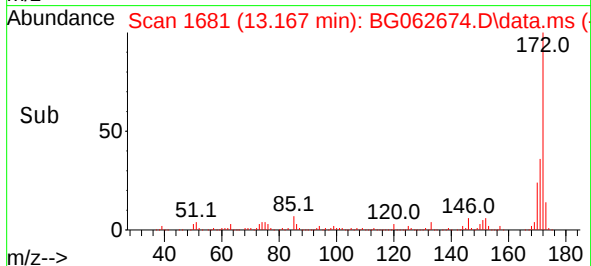
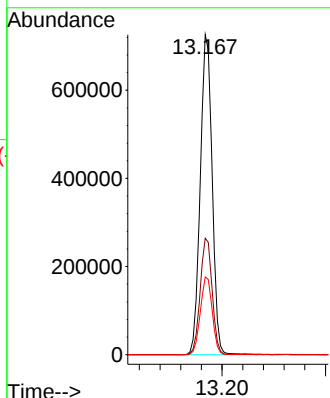
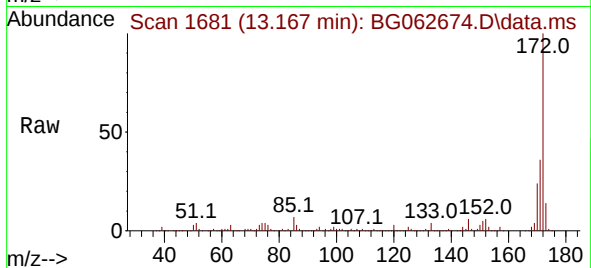
Tgt Ion:172 Resp: 1157830

Ion Ratio Lower Upper

172 100

171 36.4 29.7 44.5

170 24.3 20.0 30.0



#51

2,6-Dinitrotoluene

Concen: 9.143 ng

RT: 14.548 min Scan# 1916

Delta R.T. 0.429 min

Lab File: BG062674.D

Acq: 6 Sep 2024 9:56

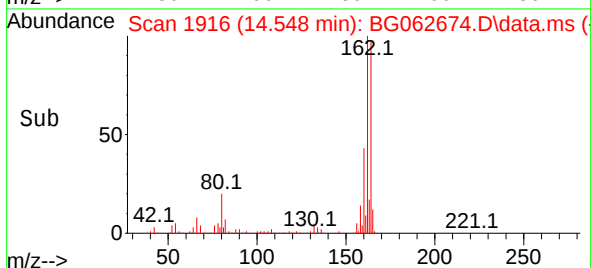
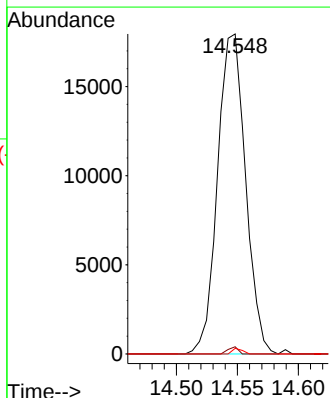
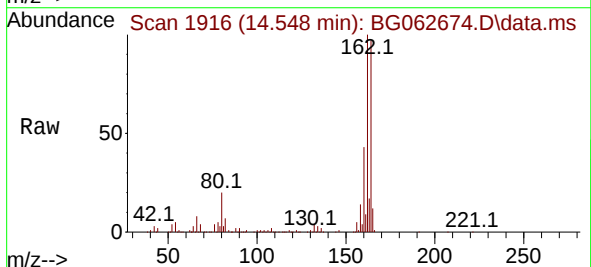
Tgt Ion:165 Resp: 28698

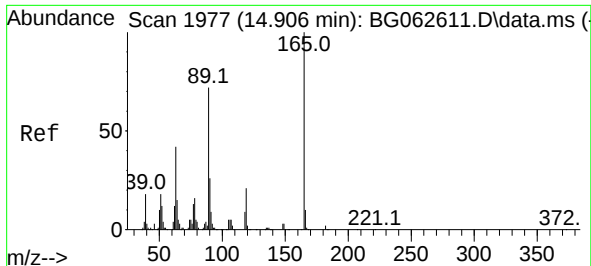
Ion Ratio Lower Upper

165 100

63 2.3 46.6 69.8#

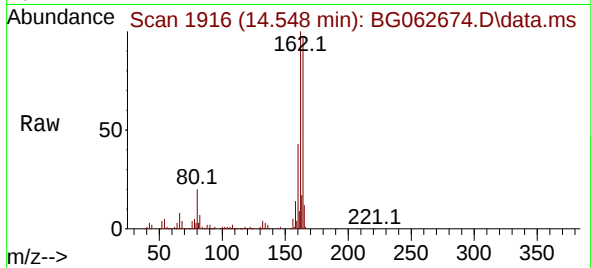
89 1.7 47.2 70.8#



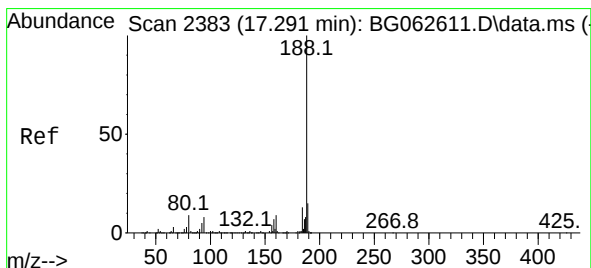
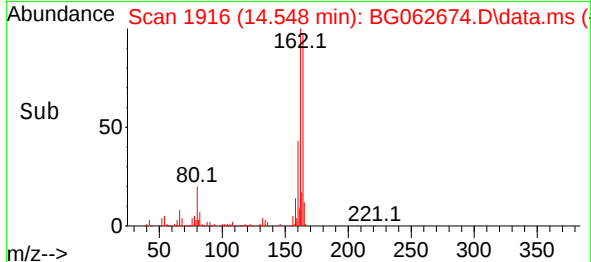
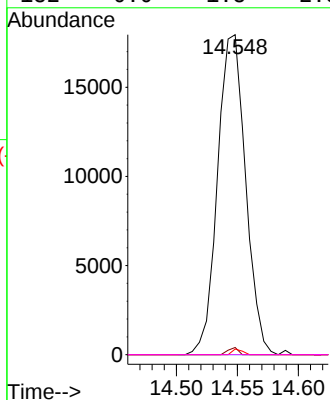


#57
2,4-Dinitrotoluene
Concen: 6.701 ng
RT: 14.548 min Scan# 1977
Delta R.T. -0.358 min
Lab File: BG062674.D
Acq: 6 Sep 2024 9:56

Instrument :
BNA_G
ClientSampleId :
PB163160BL

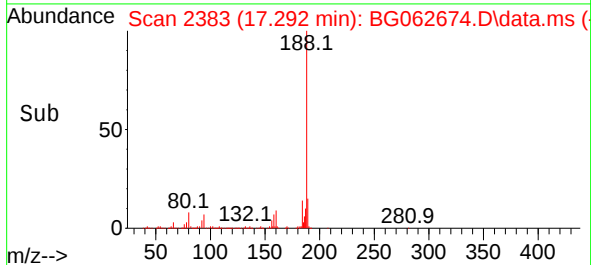
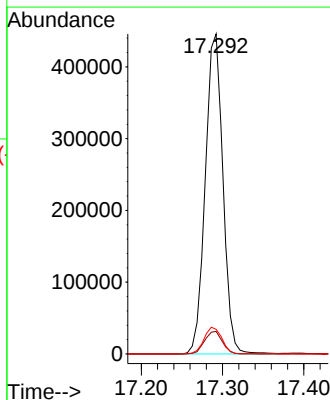
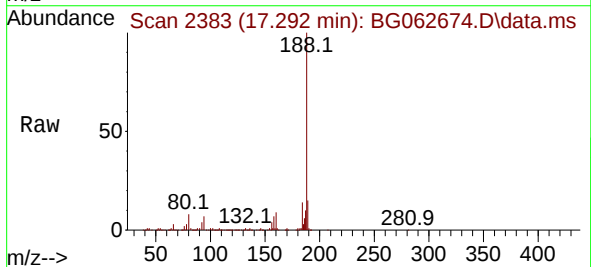


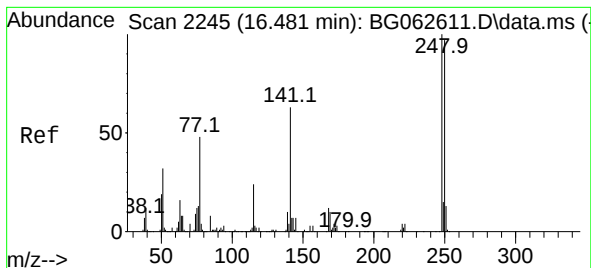
Tgt Ion:165 Resp: 28698
Ion Ratio Lower Upper
165 100
63 2.3 33.8 50.6#
89 1.7 57.9 86.9#
182 0.0 1.8 2.8#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.292 min Scan# 2383
Delta R.T. 0.001 min
Lab File: BG062674.D
Acq: 6 Sep 2024 9:56

Tgt Ion:188 Resp: 671130
Ion Ratio Lower Upper
188 100
94 7.0 6.3 9.5
80 7.7 7.0 10.4

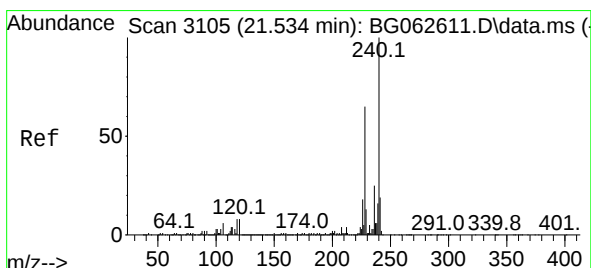
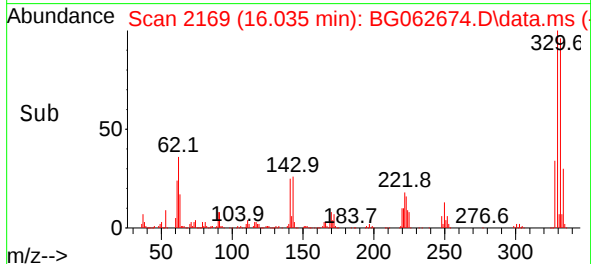
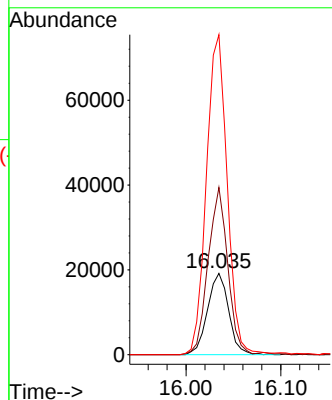
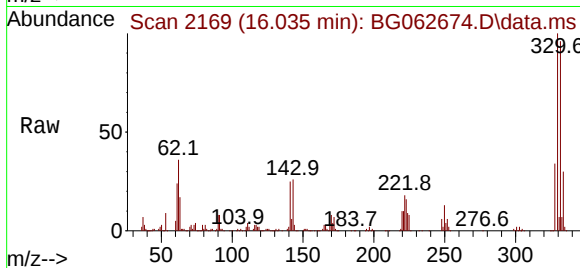




#67
4-Bromophenyl-phenylether
Concen: 4.292 ng
RT: 16.035 min Scan# 2169
Delta R.T. -0.446 min
Lab File: BG062674.D
Acq: 6 Sep 2024 9:56

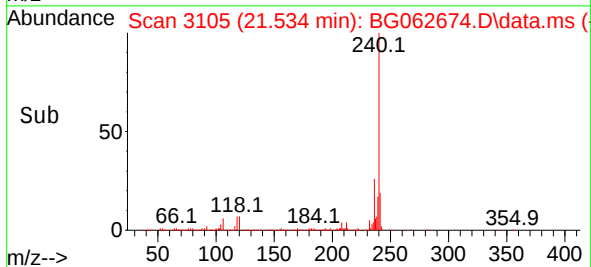
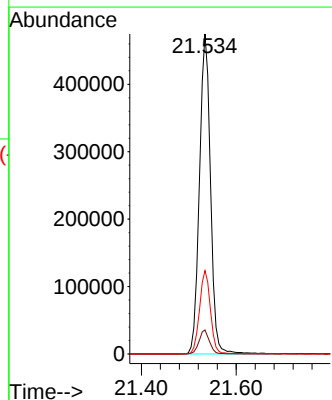
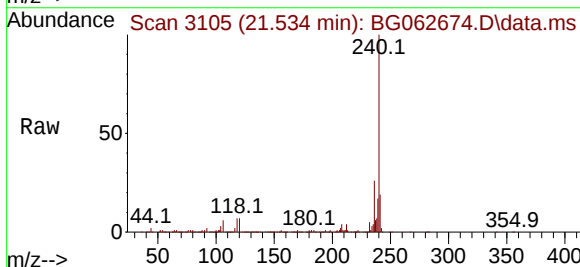
Instrument :
BNA_G
ClientSampleId :
PB163160BL

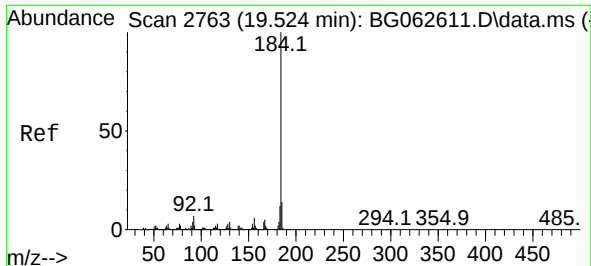
Tgt Ion:248 Resp: 29730
Ion Ratio Lower Upper
248 100
250 156.3 77.9 116.9#
141 299.0 50.2 75.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.534 min Scan# 3105
Delta R.T. 0.001 min
Lab File: BG062674.D
Acq: 6 Sep 2024 9:56

Tgt Ion:240 Resp: 767707
Ion Ratio Lower Upper
240 100
120 7.5 6.6 9.8
236 26.1 20.2 30.4

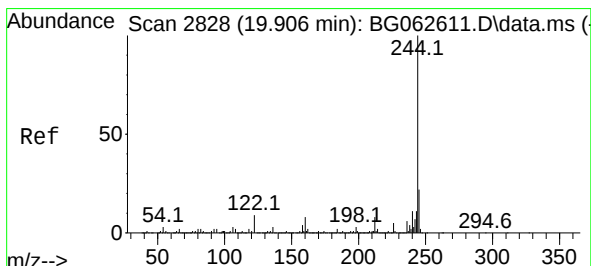
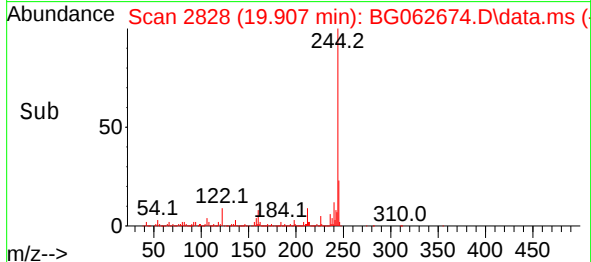
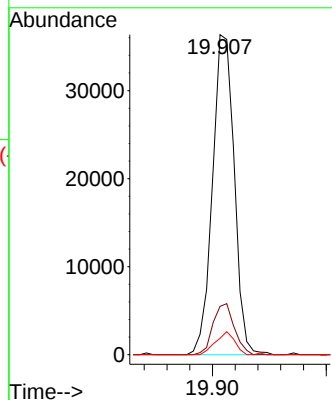
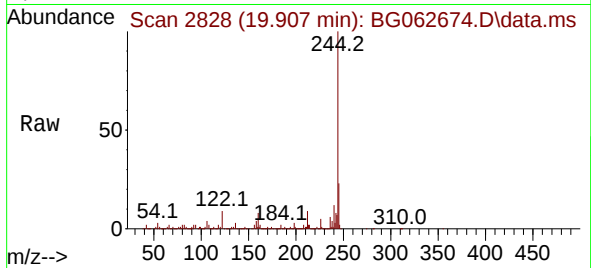




#77
Benzidine
Concen: 3.492 ng
RT: 19.907 min Scan# 2828
Delta R.T. 0.383 min
Lab File: BG062674.D
Acq: 6 Sep 2024 9:56

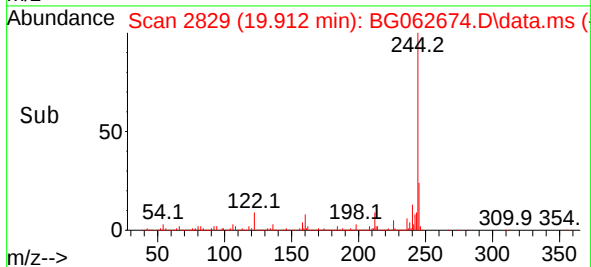
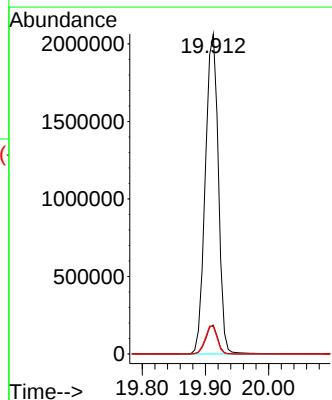
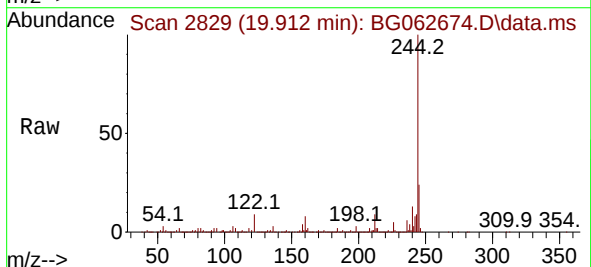
Instrument :
BNA_G
ClientSampleId :
PB163160BL

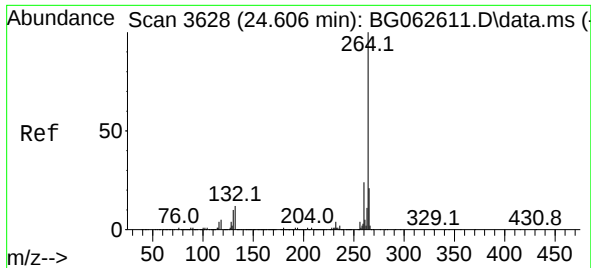
Tgt Ion:184 Resp: 48318
Ion Ratio Lower Upper
184 100
185 15.1 11.0 16.6
183 5.1 9.7 14.5#



#79
Terphenyl-d14
Concen: 76.444 ng
RT: 19.912 min Scan# 2829
Delta R.T. 0.006 min
Lab File: BG062674.D
Acq: 6 Sep 2024 9:56

Tgt Ion:244 Resp: 2959745
Ion Ratio Lower Upper
244 100
212 9.1 6.6 10.0
122 8.5 7.2 10.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.607 min Scan# 30
Delta R.T. 0.001 min
Lab File: BG062674.D
Acq: 6 Sep 2024 9:56

Instrument :
BNA_G
ClientSampleId :
PB163160BL

Tgt Ion:264 Resp: 857496
Ion Ratio Lower Upper
264 100
260 22.5 19.0 28.4
265 20.9 17.3 25.9

