

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082824\
 Data File : BG062599.D
 Acq On : 28 Aug 2024 17:18
 Operator : MA/JU
 Sample : P3735-18
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-16

Quant Time: Aug 28 18:07:15 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 28 00:59:59 2024
 Response via : Initial Calibration

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

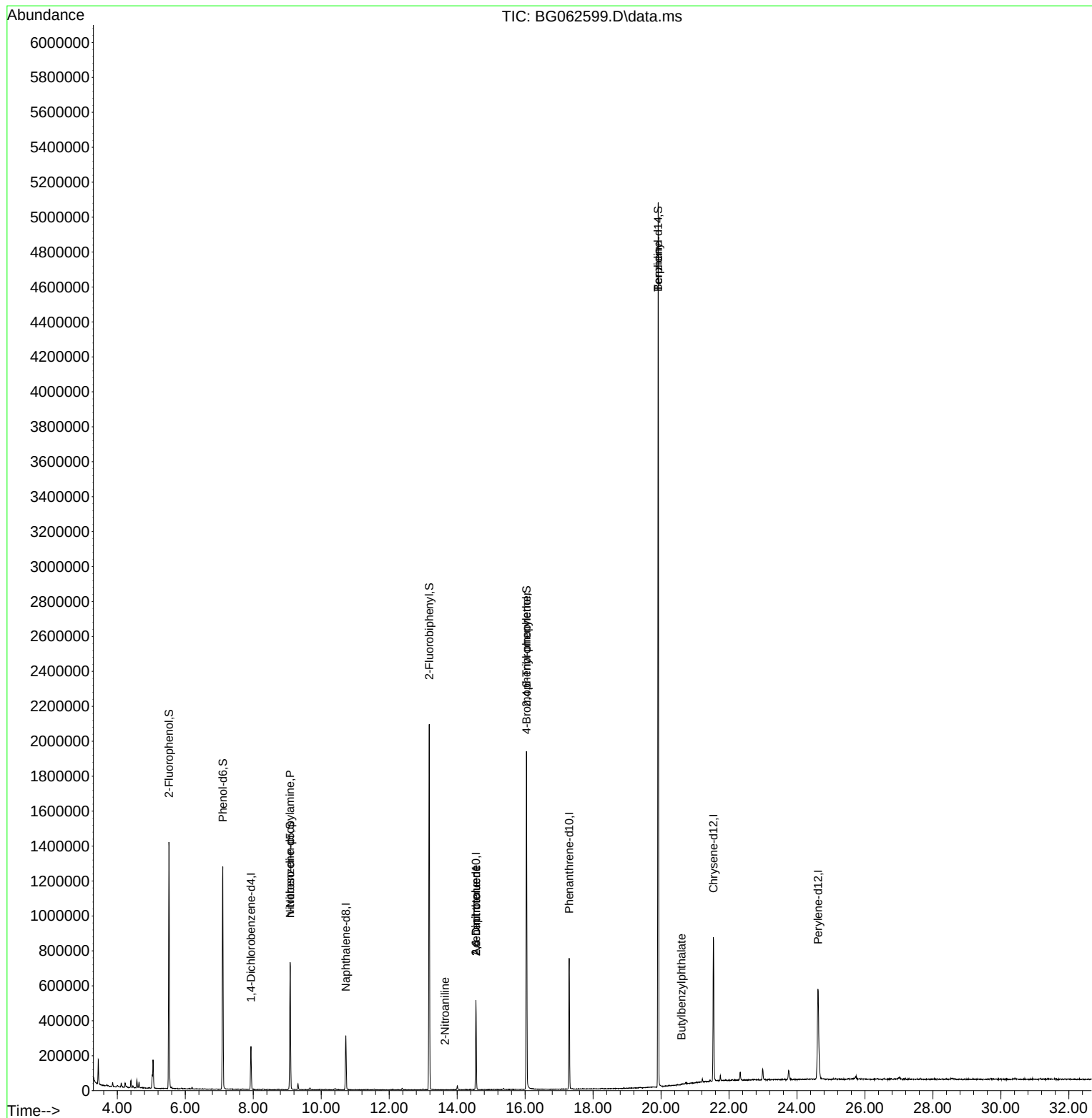
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.932	152	69849	20.000	ng	0.00
21) Naphthalene-d8	10.723	136	273354	20.000	ng	0.00
39) Acenaphthene-d10	14.553	164	179101	20.000	ng	0.00
64) Phenanthrene-d10	17.297	188	492448	20.000	ng	0.00
76) Chrysene-d12	21.539	240	505129	20.000	ng	0.00
86) Perylene-d12	24.618	264	581577	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.517	112	606616	155.797	ng	0.00
7) Phenol-d6	7.103	99	713011	128.562	ng	0.00
23) Nitrobenzene-d5	9.083	82	432786	105.075	ng	0.00
42) 2,4,6-Tribromophenol	16.040	330	403665	204.034	ng	0.00
45) 2-Fluorobiphenyl	13.179	172	1096169	100.638	ng	0.00
79) Terphenyl-d14	19.918	244	2568188	106.298	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.083	70	55780	15.018	ng	# 74
48) 2-Nitroaniline	13.643	65	61	3.632	ng	# 9
51) 2,6-Dinitrotoluene	14.553	165	22395	12.960	ng	# 20
57) 2,4-Dinitrotoluene	14.553	165	22395	8.422	ng	# 21
67) 4-Bromophenyl-phenylether	16.046	248	26948	5.685	ng	# 1
77) Benzidine	19.918	184	42647	9.164	ng	# 93
80) Butylbenzylphthalate	20.605	149	330	4.980	ng	# 88

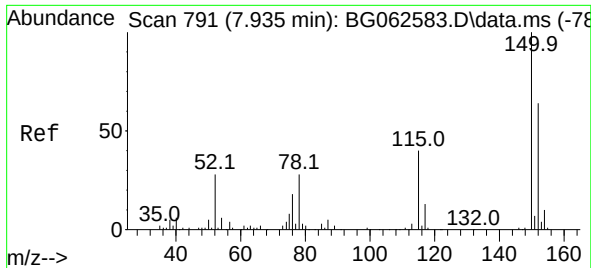
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082824\
Data File : BG062599.D
Acq On : 28 Aug 2024 17:18
Operator : MA/JU
Sample : P3735-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-16

Quant Time: Aug 28 18:07:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 28 00:59:59 2024
Response via : Initial Calibration

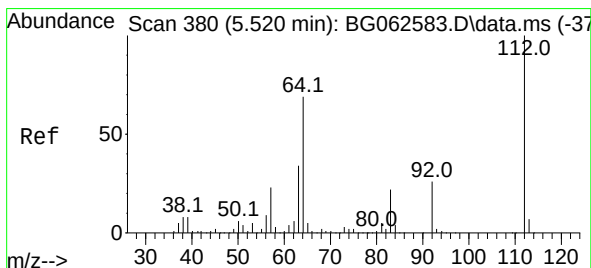
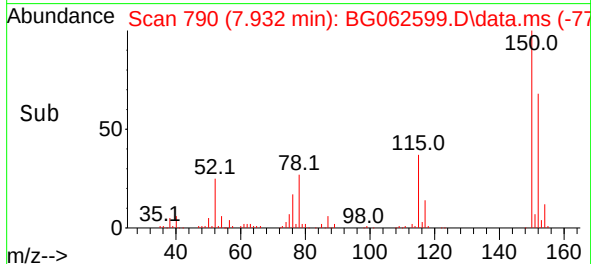
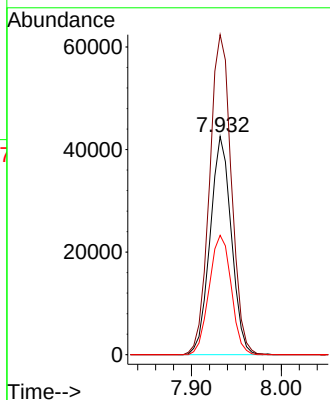
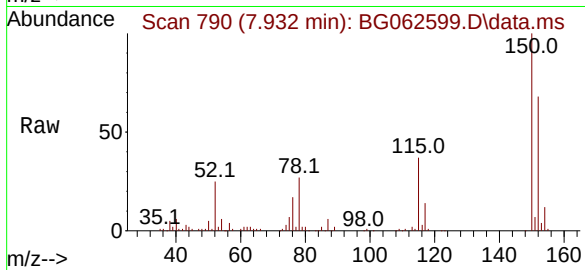




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.932 min Scan# 70
Delta R.T. -0.003 min
Lab File: BG062599.D
Acq: 28 Aug 2024 17:18

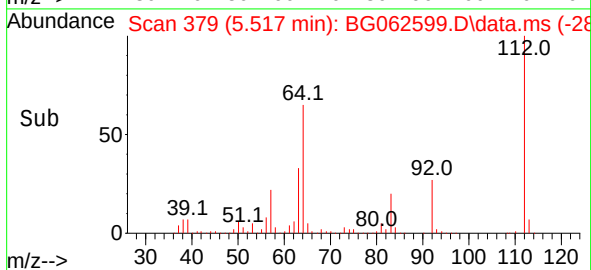
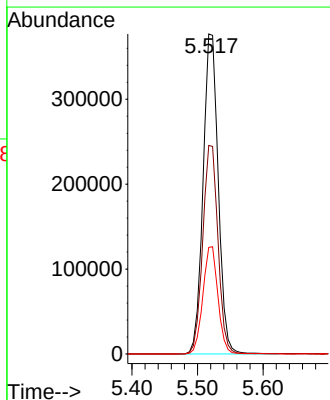
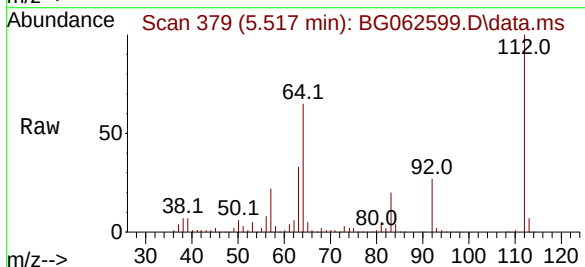
Instrument :
BNA_G
ClientSampleId :
WC-16

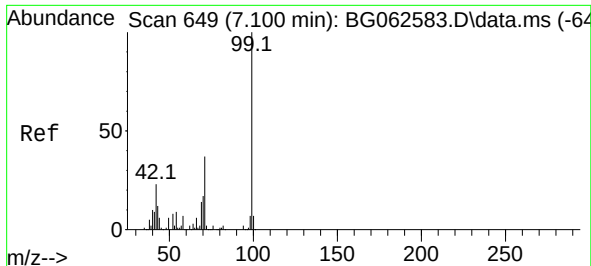
Tgt Ion:152 Resp: 69849
Ion Ratio Lower Upper
152 100
150 146.7 125.1 187.7
115 54.7 50.6 76.0



#5
2-Fluorophenol
Concen: 155.797 ng
RT: 5.517 min Scan# 379
Delta R.T. -0.003 min
Lab File: BG062599.D
Acq: 28 Aug 2024 17:18

Tgt Ion:112 Resp: 606616
Ion Ratio Lower Upper
112 100
64 65.2 55.5 83.3
63 33.3 27.4 41.2

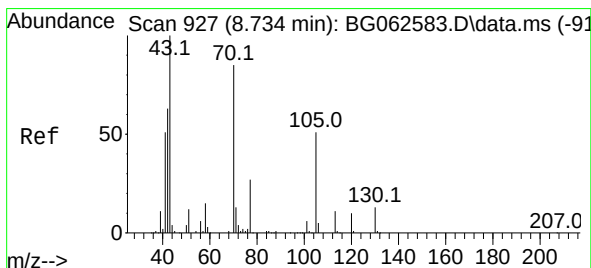
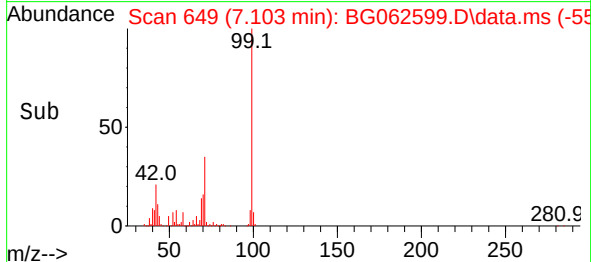
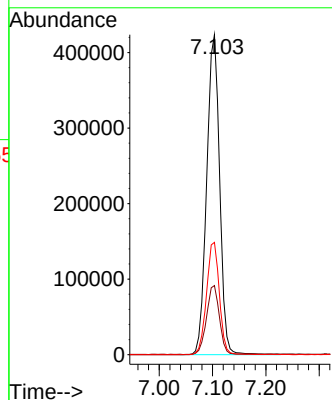
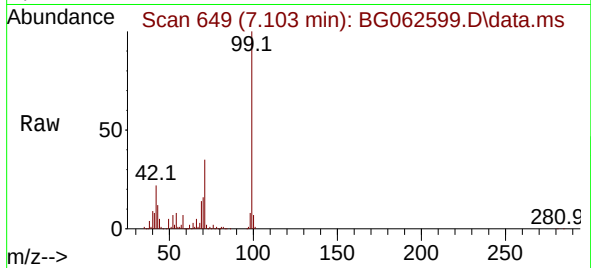




#7
Phenol-d6
Concen: 128.562 ng
RT: 7.103 min Scan# 64
Delta R.T. 0.003 min
Lab File: BG062599.D
Acq: 28 Aug 2024 17:18

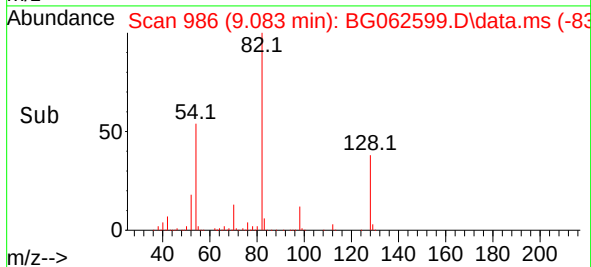
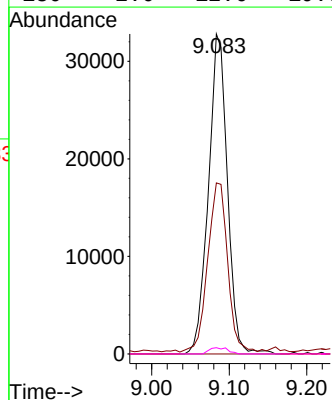
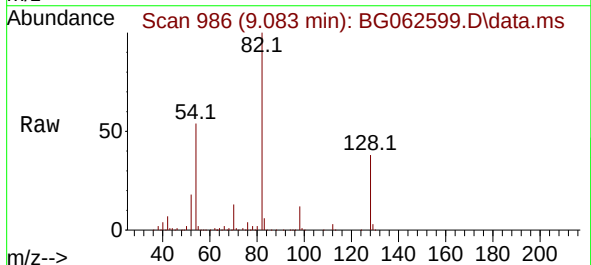
Instrument :
BNA_G
ClientSampleId :
WC-16

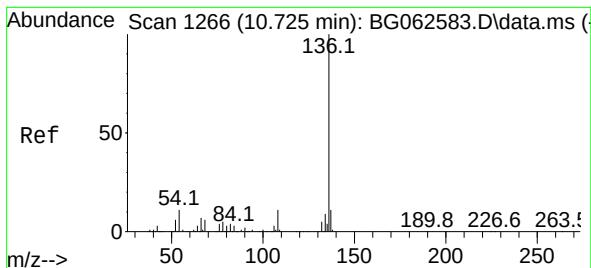
Tgt Ion: 99 Resp: 713011
Ion Ratio Lower Upper
99 100
42 21.6 18.7 28.1
71 35.1 29.8 44.6



#19
n-Nitroso-di-n-propylamine
Concen: 15.018 ng
RT: 9.083 min Scan# 986
Delta R.T. 0.350 min
Lab File: BG062599.D
Acq: 28 Aug 2024 17:18

Tgt Ion: 70 Resp: 55780
Ion Ratio Lower Upper
70 100
42 53.4 60.0 90.0#
101 0.0 6.1 9.1#
130 2.0 12.6 19.0#

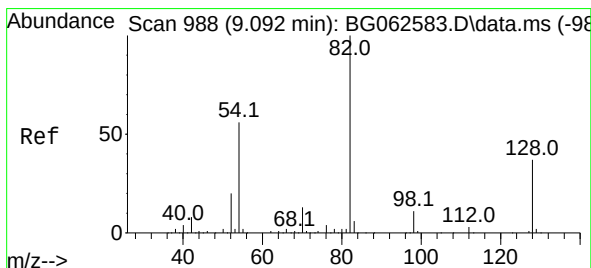
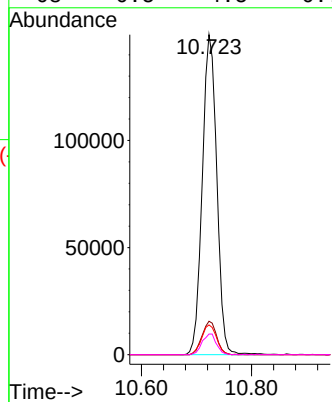
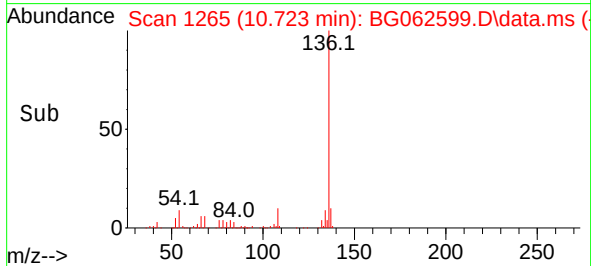
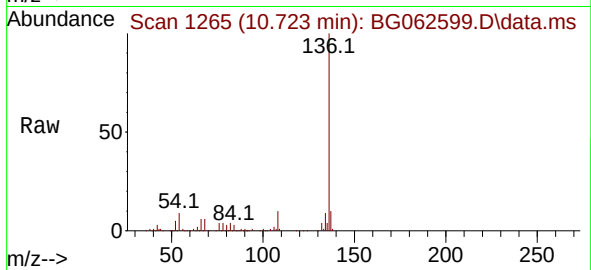




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.723 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG062599.D
Acq: 28 Aug 2024 17:18

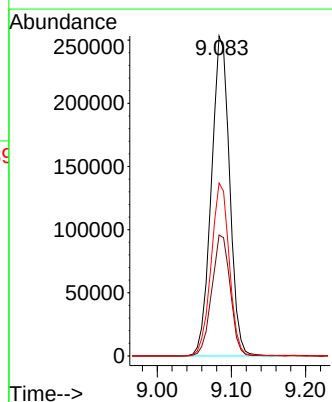
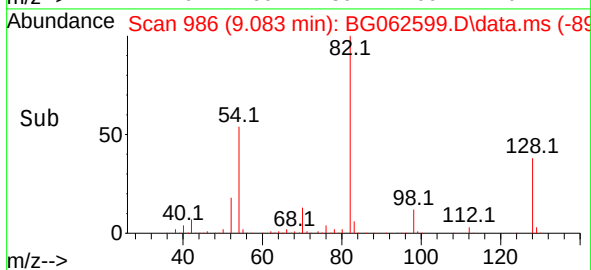
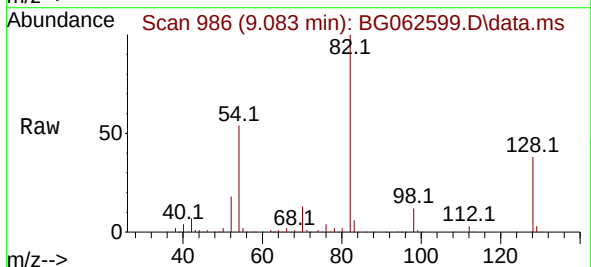
Instrument :
BNA_G
ClientSampleId :
WC-16

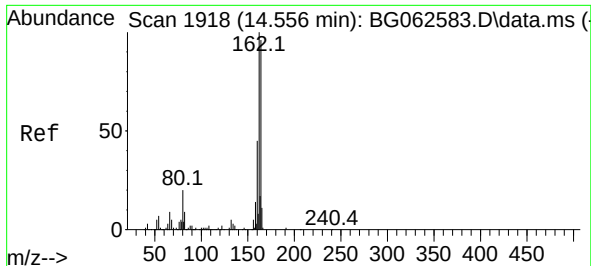
Tgt Ion:	136	Resp:	273354
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.8	13.2
54	9.3	9.0	13.4
68	6.5	4.5	6.7



#23
Nitrobenzene-d5
Concen: 105.075 ng
RT: 9.083 min Scan# 986
Delta R.T. -0.009 min
Lab File: BG062599.D
Acq: 28 Aug 2024 17:18

Tgt Ion:	82	Resp:	432786
Ion	Ratio	Lower	Upper
82	100		
128	37.8	29.7	44.5
54	54.0	44.4	66.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.553 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG062599.D

Acq: 28 Aug 2024 17:18

Instrument :

BNA_G

ClientSampleId :

WC-16

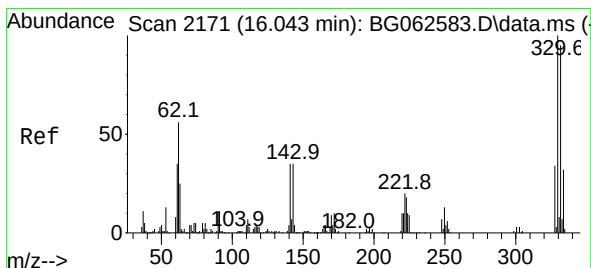
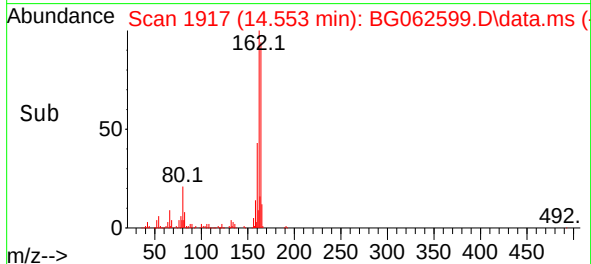
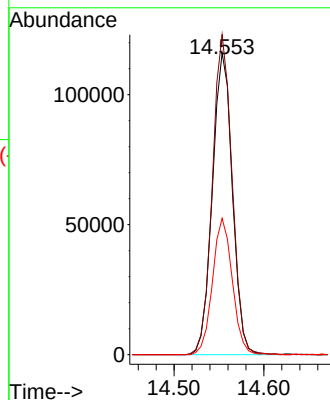
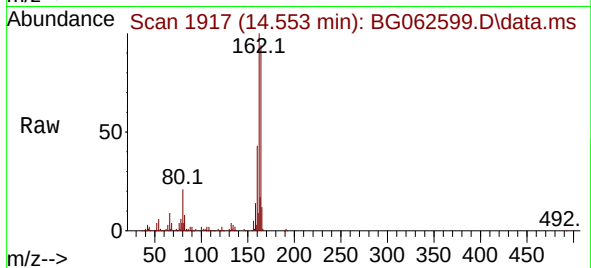
Tgt Ion:164 Resp: 179101

Ion Ratio Lower Upper

164 100

162 106.0 83.0 124.6

160 45.2 37.7 56.5



#42

2,4,6-Tribromophenol

Concen: 204.034 ng

RT: 16.040 min Scan# 2170

Delta R.T. -0.003 min

Lab File: BG062599.D

Acq: 28 Aug 2024 17:18

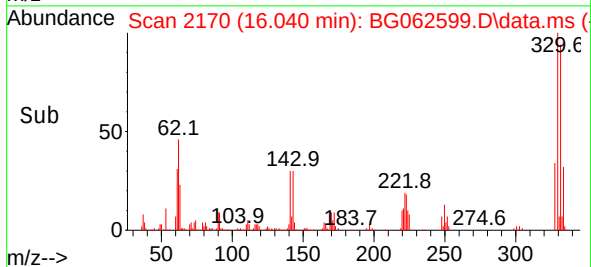
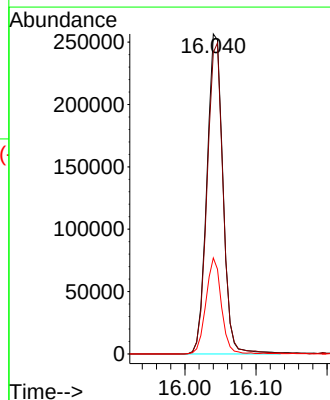
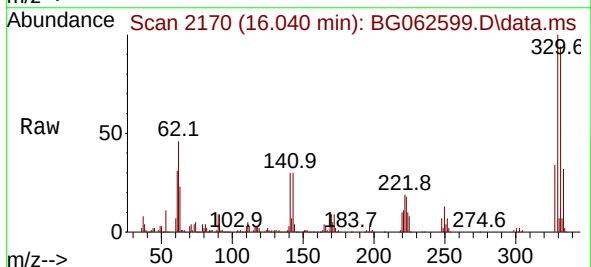
Tgt Ion:330 Resp: 403665

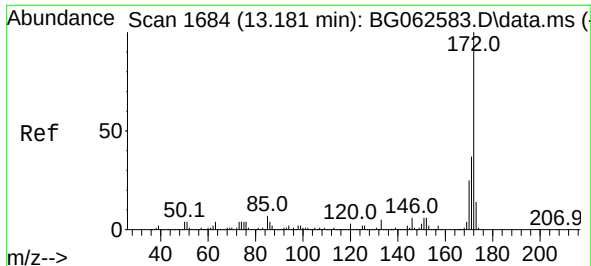
Ion Ratio Lower Upper

330 100

332 97.1 77.6 116.4

141 28.8 26.5 39.7

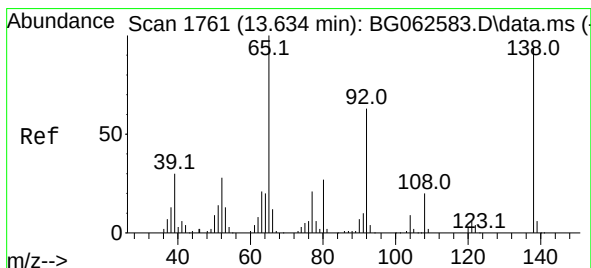
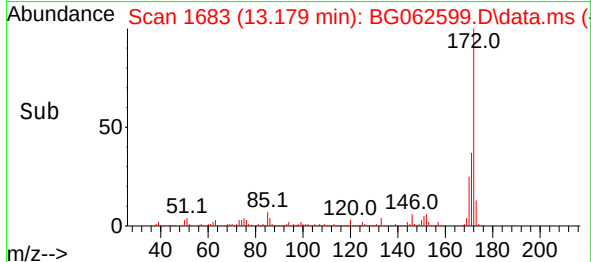
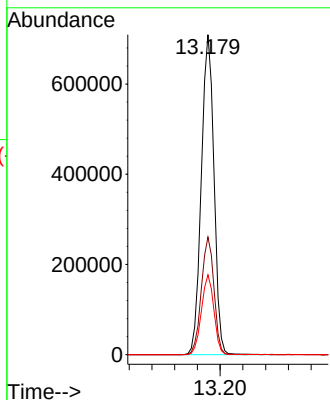
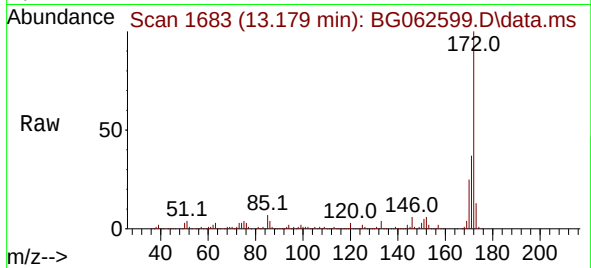




#45
2-Fluorobiphenyl
Concen: 100.638 ng
RT: 13.179 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG062599.D
Acq: 28 Aug 2024 17:18

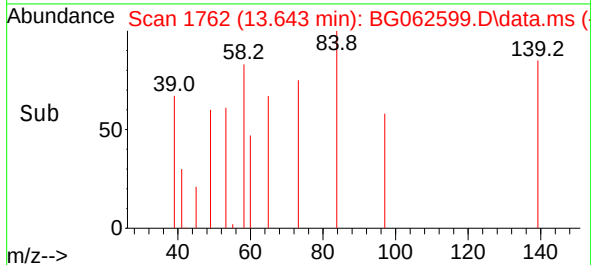
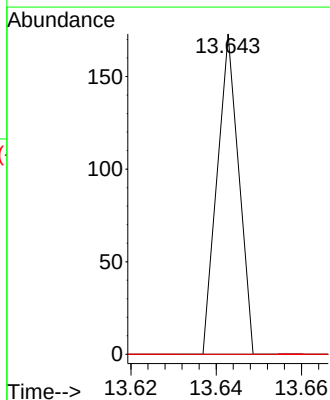
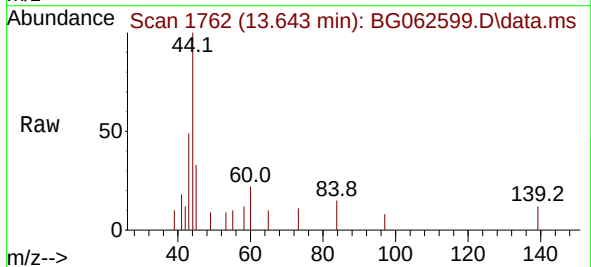
Instrument :
BNA_G
ClientSampleId :
WC-16

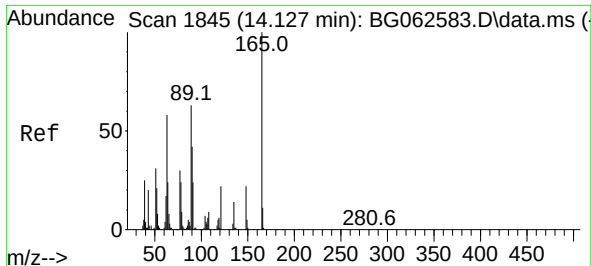
Tgt Ion:172 Resp: 1096169
Ion Ratio Lower Upper
172 100
171 36.8 29.7 44.5
170 24.9 20.1 30.1



#48
2-Nitroaniline
Concen: 3.632 ng
RT: 13.643 min Scan# 1762
Delta R.T. 0.009 min
Lab File: BG062599.D
Acq: 28 Aug 2024 17:18

Tgt Ion: 65 Resp: 61
Ion Ratio Lower Upper
65 100
92 0.0 50.6 76.0#
138 0.0 75.4 113.2#

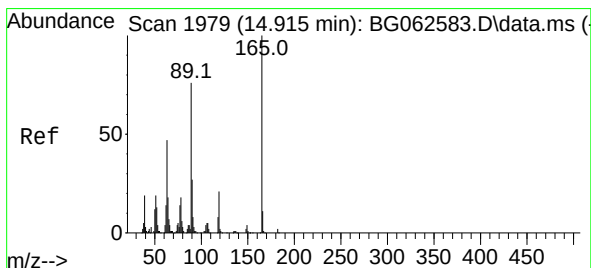
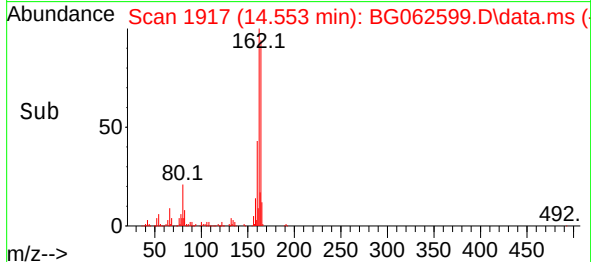
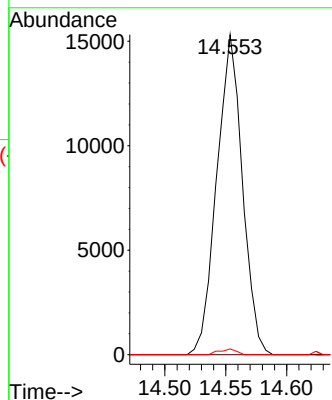
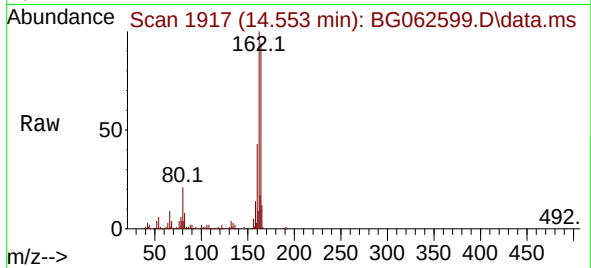




#51
2,6-Dinitrotoluene
Concen: 12.960 ng
RT: 14.553 min Scan# 1917
Delta R.T. 0.426 min
Lab File: BG062599.D
Acq: 28 Aug 2024 17:18

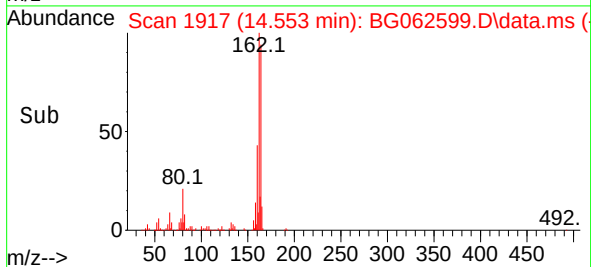
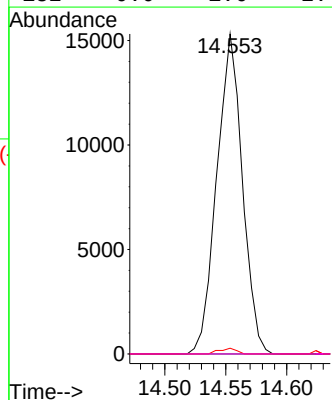
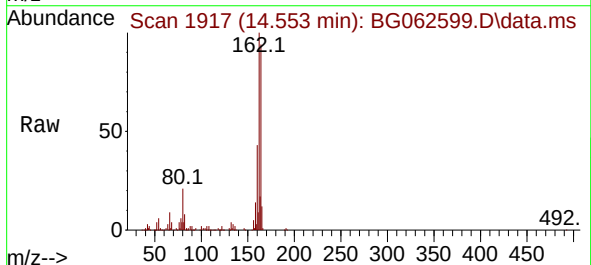
Instrument :
BNA_G
ClientSampleId :
WC-16

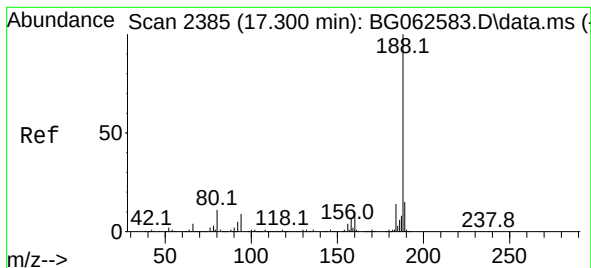
Tgt Ion:165 Resp: 22395
Ion Ratio Lower Upper
165 100
63 0.0 51.0 76.6#
89 1.8 50.6 76.0#



#57
2,4-Dinitrotoluene
Concen: 8.422 ng
RT: 14.553 min Scan# 1917
Delta R.T. -0.361 min
Lab File: BG062599.D
Acq: 28 Aug 2024 17:18

Tgt Ion:165 Resp: 22395
Ion Ratio Lower Upper
165 100
63 0.0 37.5 56.3#
89 1.8 60.8 91.2#
182 0.0 1.6 2.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.297 min Scan# 21

Delta R.T. -0.003 min BNA_G

Lab File: BG062599.D

Acq: 28 Aug 2024 17:18

Instrument :

BNA_G

ClientSampleId :

WC-16

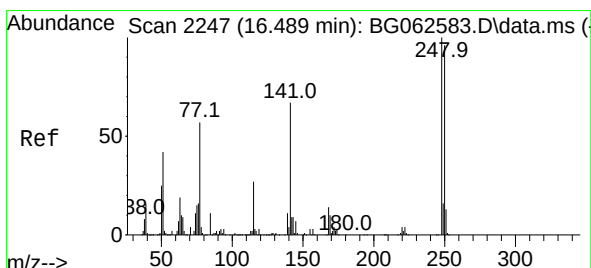
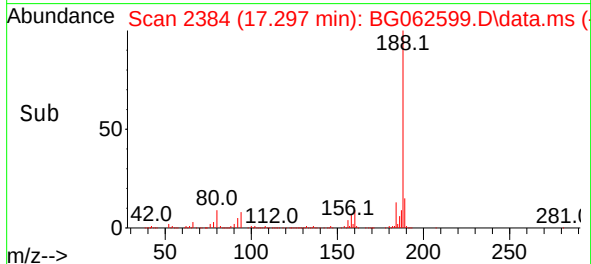
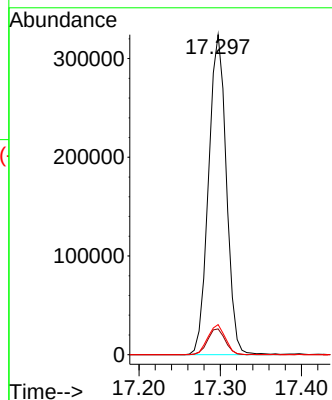
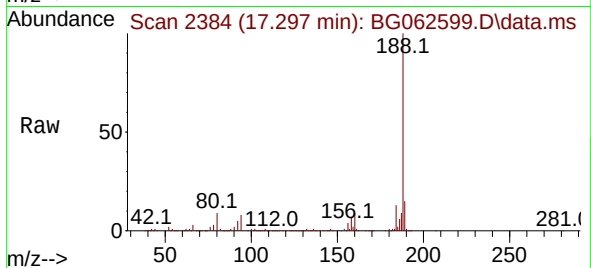
Tgt Ion:188 Resp: 492448

Ion Ratio Lower Upper

188 100

94 8.0 7.0 10.6

80 9.4 8.4 12.6



#67

4-Bromophenyl-phenylether

Concen: 5.685 ng

RT: 16.046 min Scan# 2171

Delta R.T. -0.443 min

Lab File: BG062599.D

Acq: 28 Aug 2024 17:18

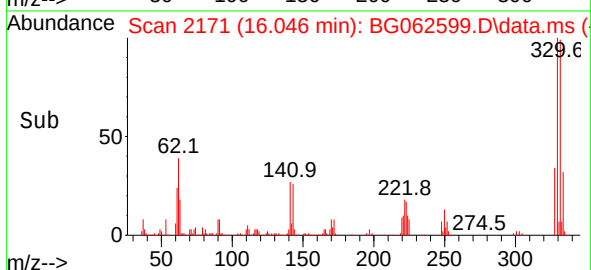
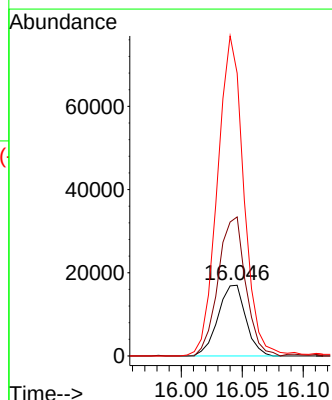
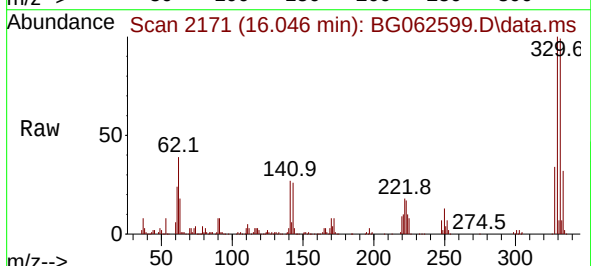
Tgt Ion:248 Resp: 26948

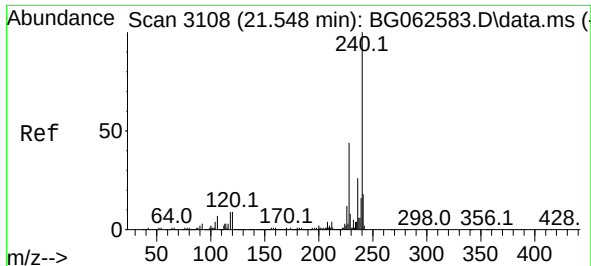
Ion Ratio Lower Upper

248 100

250 188.5 76.7 115.1#

141 303.1 54.0 81.0#

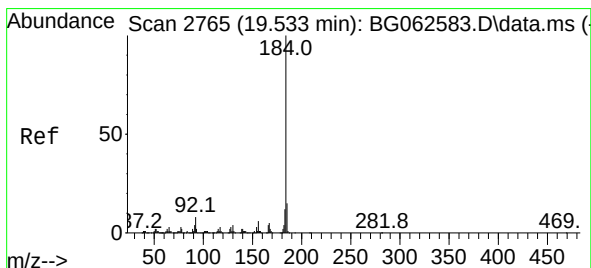
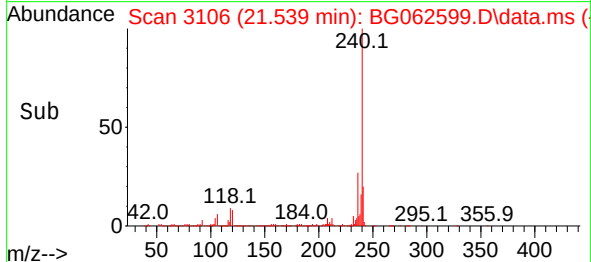
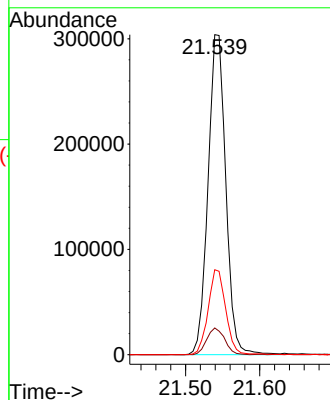
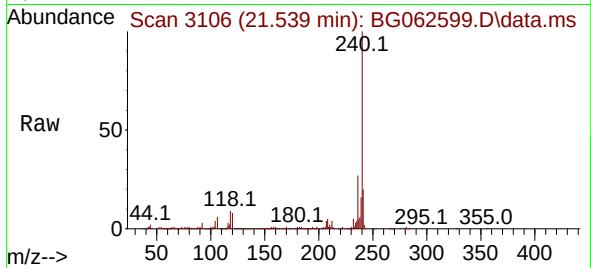




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.539 min Scan# 3108
Delta R.T. -0.009 min
Lab File: BG062599.D
Acq: 28 Aug 2024 17:18

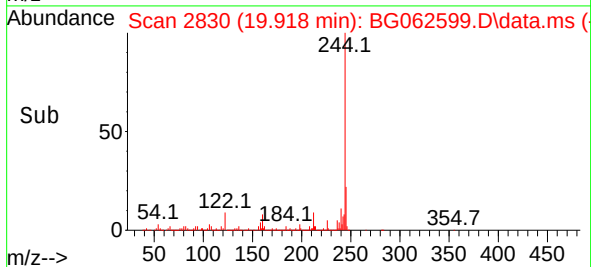
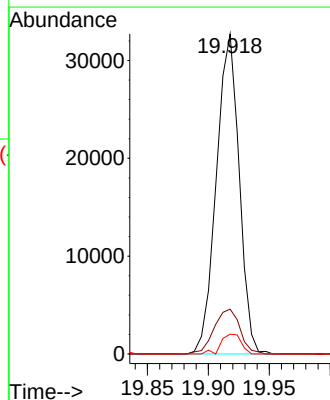
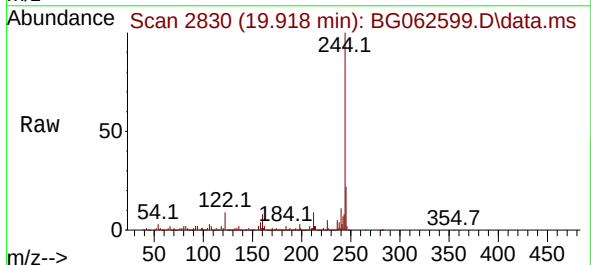
Instrument :
BNA_G
ClientSampleId :
WC-16

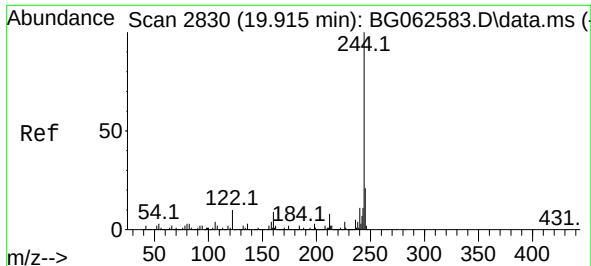
Tgt Ion:240 Resp: 505129
Ion Ratio Lower Upper
240 100
120 8.4 7.4 11.0
236 26.5 20.5 30.7



#77
Benzidine
Concen: 9.164 ng
RT: 19.918 min Scan# 2830
Delta R.T. 0.385 min
Lab File: BG062599.D
Acq: 28 Aug 2024 17:18

Tgt Ion:184 Resp: 42647
Ion Ratio Lower Upper
184 100
185 14.0 11.8 17.8
183 6.2 9.3 13.9#

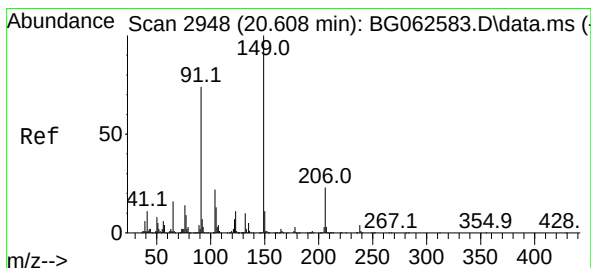
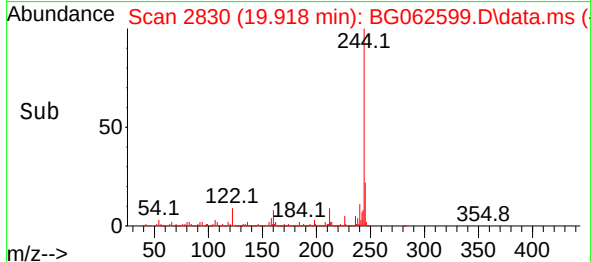
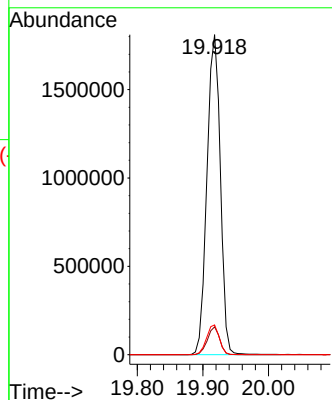
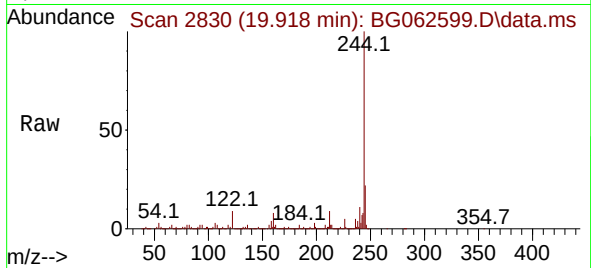




#79
 Terphenyl-d14
 Concen: 106.298 ng
 RT: 19.918 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BG062599.D
 Acq: 28 Aug 2024 17:18

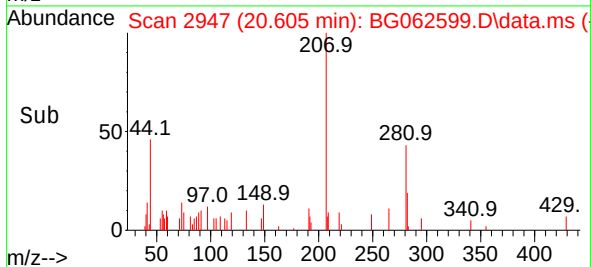
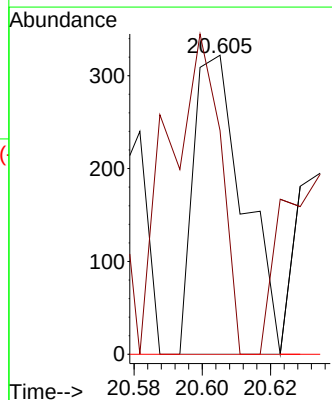
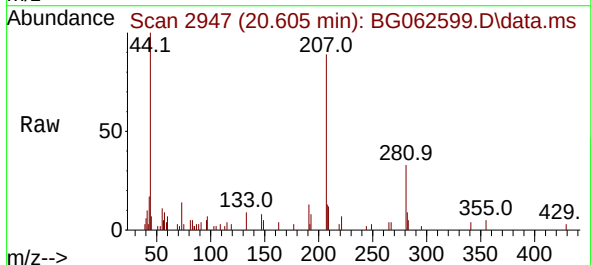
Instrument :
 BNA_G
 ClientSampleId :
 WC-16

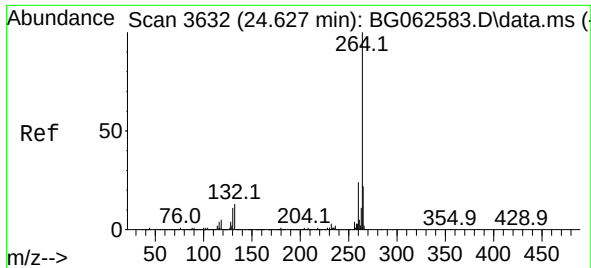
Tgt Ion:244 Resp: 2568188
 Ion Ratio Lower Upper
 244 100
 212 8.7 6.7 10.1
 122 9.3 8.4 12.6



#80
 Butylbenzylphthalate
 Concen: 4.980 ng
 RT: 20.605 min Scan# 2947
 Delta R.T. -0.003 min
 Lab File: BG062599.D
 Acq: 28 Aug 2024 17:18

Tgt Ion:149 Resp: 330
 Ion Ratio Lower Upper
 149 100
 91 74.8 59.0 88.6
 206 0.0 18.5 27.7#





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.618 min Scan# 3

Delta R.T. -0.009 min

Lab File: BG062599.D

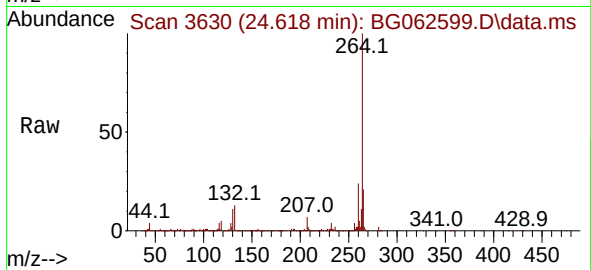
Acq: 28 Aug 2024 17:18

Instrument :

BNA_G

ClientSampleId :

WC-16



Tgt Ion:264 Resp: 581577

Ion Ratio Lower Upper

264 100

260 23.5 19.0 28.4

265 21.3 17.8 26.6

