

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081723\
 Data File : BG058762.D
 Acq On : 17 Aug 2023 14:37
 Operator : MA/JU
 Sample : PB154322TB
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB154322TB

Quant Time: Aug 18 01:52:25 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 28 22:29:07 2023
 Response via : Initial Calibration

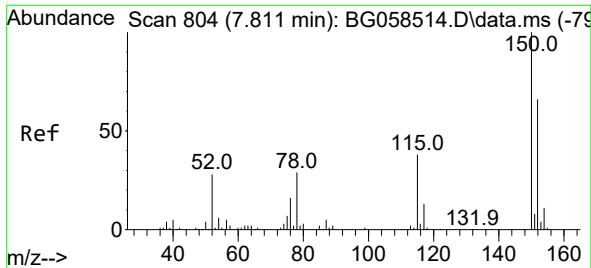
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.815	152	23821	20.000	ng	0.00
21) Naphthalene-d8	10.617	136	100930	20.000	ng	0.00
39) Acenaphthene-d10	14.460	164	76822	20.000	ng	0.00
64) Phenanthrene-d10	17.209	188	207251	20.000	ng	0.00
76) Chrysene-d12	21.451	240	193624	20.000	ng	0.00
86) Perylene-d12	24.530	264	229728	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.382	112	221322	142.010	ng	0.00
7) Phenol-d6	6.980	99	299809	138.248	ng	0.00
23) Nitrobenzene-d5	8.978	82	182535	88.845	ng	0.00
42) 2,4,6-Tribromophenol	15.952	330	151121	120.017	ng	0.00
45) 2-Fluorobiphenyl	13.079	172	458186	89.380	ng	0.00
79) Terphenyl-d14	19.824	244	954071	92.662	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	8.978	70	22954	16.387	ng	Qvalue # 84
51) 2,6-Dinitrotoluene	14.460	165	9467	7.478	ng	# 22
57) 2,4-Dinitrotoluene	14.460	165	9467	5.394	ng	# 23
67) 4-Bromophenyl-phenylether	15.952	248	8981	3.821	ng	# 1
77) Benzidine	19.824	184	13387	4.559	ng	# 93

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

Quant Time: Aug 18 01:52:25 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 28 22:29:07 2023
Response via : Initial Calibration

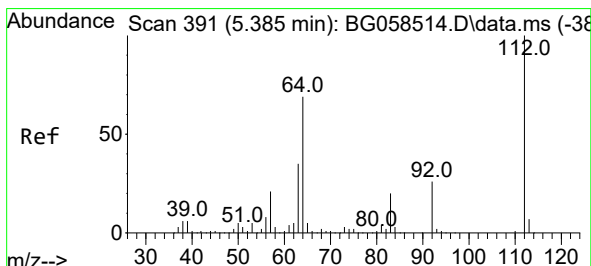
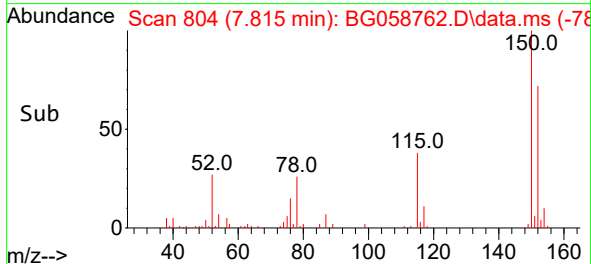
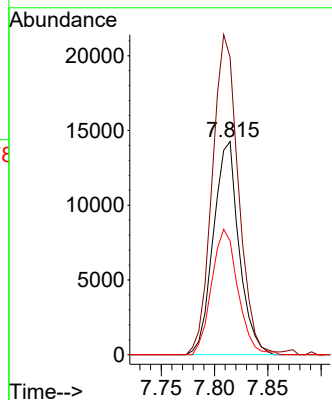
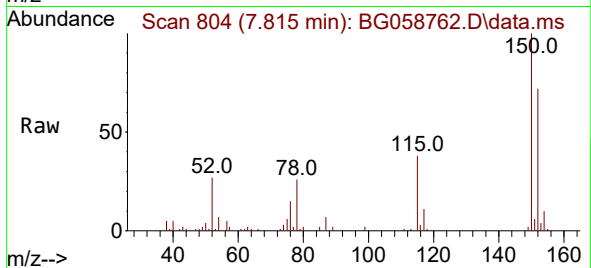




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.815 min Scan# 804
Delta R.T. 0.004 min
Lab File: BG058762.D
Acq: 17 Aug 2023 14:37

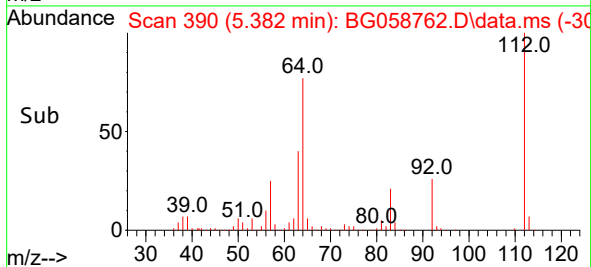
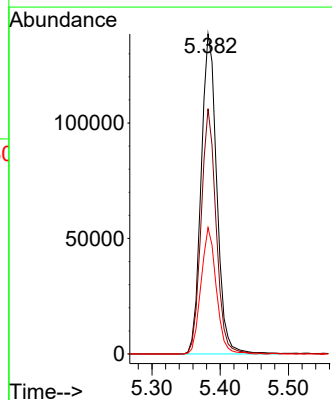
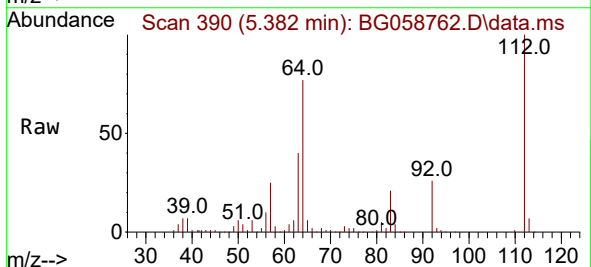
Instrument :
BNA_G
ClientSampleId :
PB154322TB

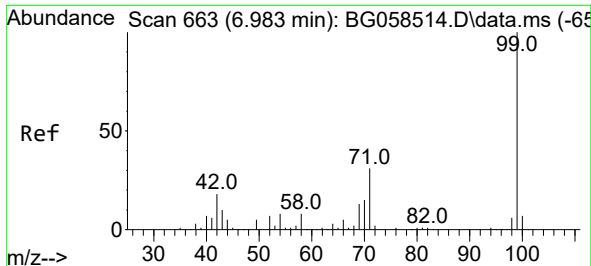
Tgt Ion:152 Resp: 23821
Ion Ratio Lower Upper
152 100
150 139.4 120.5 180.7
115 53.3 45.9 68.9



#5
2-Fluorophenol
Concen: 142.010 ng
RT: 5.382 min Scan# 390
Delta R.T. -0.003 min
Lab File: BG058762.D
Acq: 17 Aug 2023 14:37

Tgt Ion:112 Resp: 221322
Ion Ratio Lower Upper
112 100
64 76.7 55.3 82.9
63 39.5 28.3 42.5

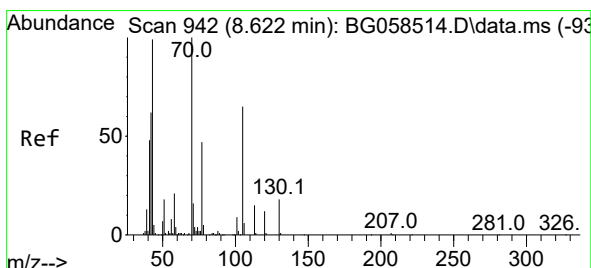
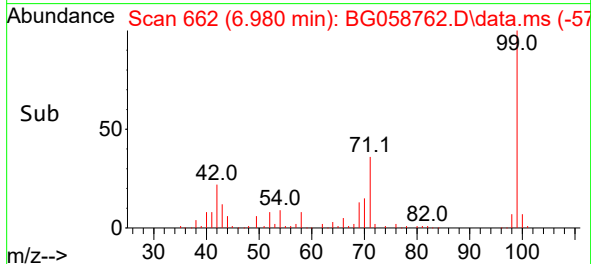
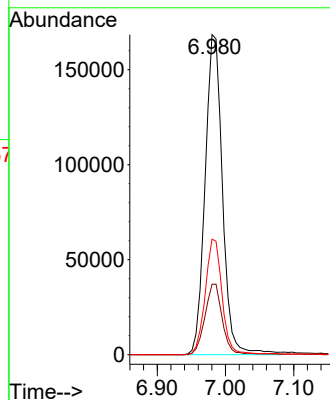
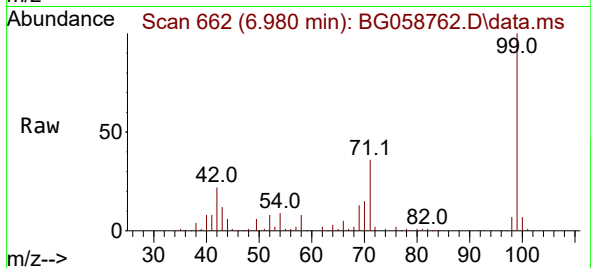




#7
Phenol-d6
Concen: 138.248 ng
RT: 6.980 min Scan# 60
Delta R.T. -0.003 min
Lab File: BG058762.D
Acq: 17 Aug 2023 14:37

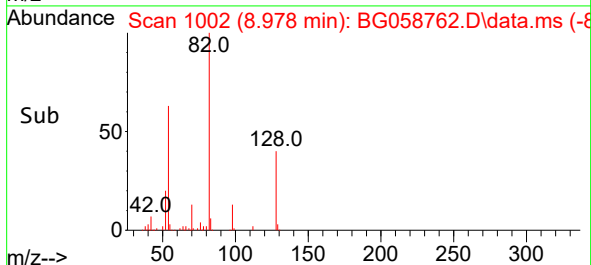
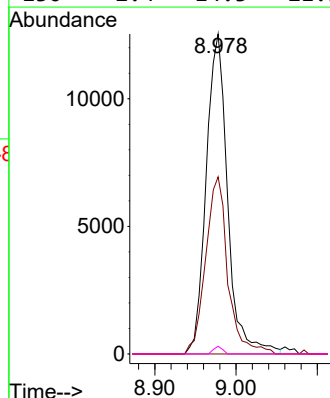
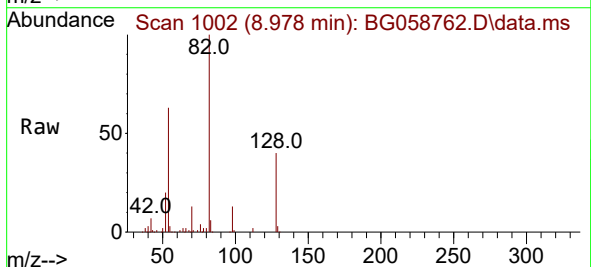
Instrument :
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ClientSampleId :
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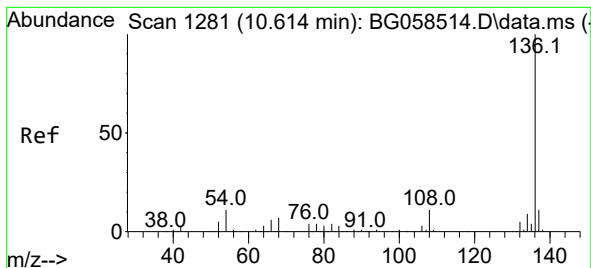
Tgt Ion: 99 Resp: 299809
Ion Ratio Lower Upper
99 100
42 22.0 14.6 21.8#
71 36.1 25.0 37.4



#19
n-Nitroso-di-n-propylamine
Concen: 16.387 ng
RT: 8.978 min Scan# 1002
Delta R.T. 0.356 min
Lab File: BG058762.D
Acq: 17 Aug 2023 14:37

Tgt Ion: 70 Resp: 22954
Ion Ratio Lower Upper
70 100
42 55.3 49.7 74.5
101 0.0 7.0 10.4#
130 2.4 14.3 21.5#

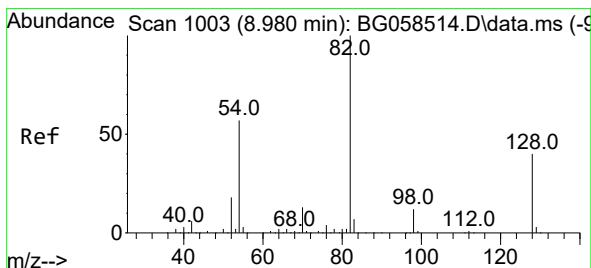
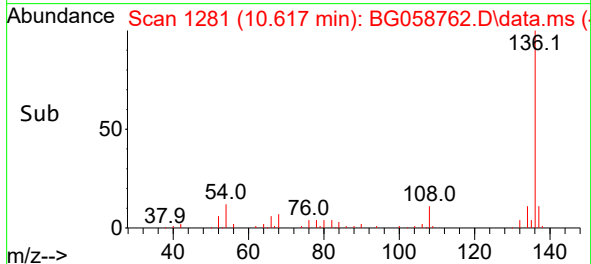
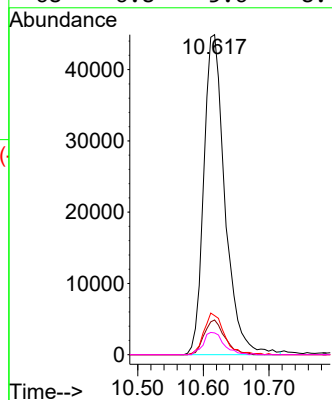
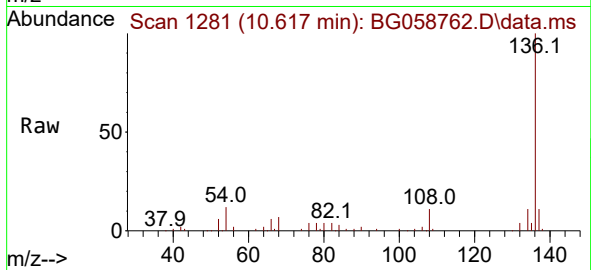




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.617 min Scan# 11
Delta R.T. 0.003 min
Lab File: BG058762.D
Acq: 17 Aug 2023 14:37

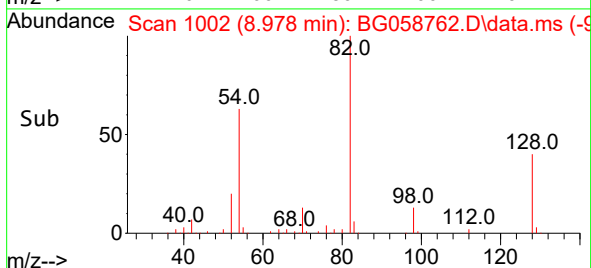
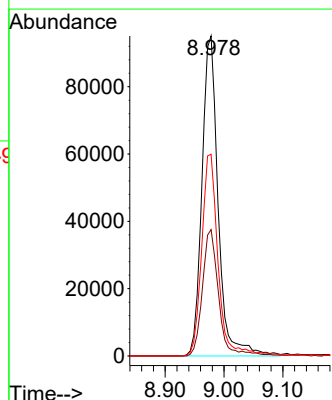
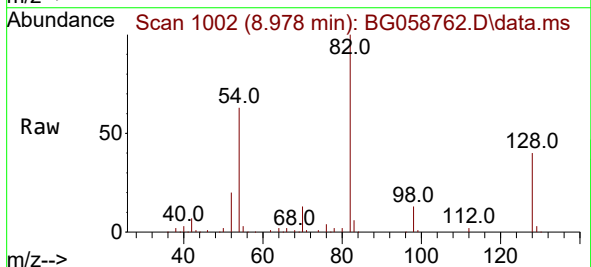
Instrument :
BNA_G
ClientSampleId :
PB154322TB

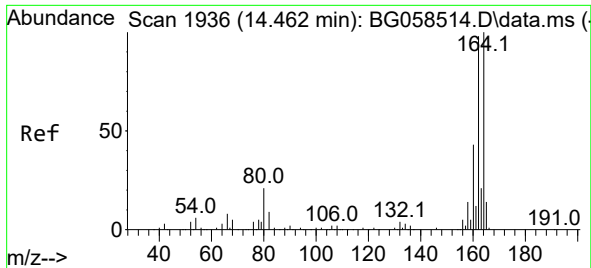
Tgt Ion:136 Resp: 100930
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 12.2 8.9 13.3
68 6.8 5.6 8.4



#23
Nitrobenzene-d5
Concen: 88.845 ng
RT: 8.978 min Scan# 1002
Delta R.T. -0.003 min
Lab File: BG058762.D
Acq: 17 Aug 2023 14:37

Tgt Ion: 82 Resp: 182535
Ion Ratio Lower Upper
82 100
128 39.5 32.2 48.2
54 63.0 46.0 69.0

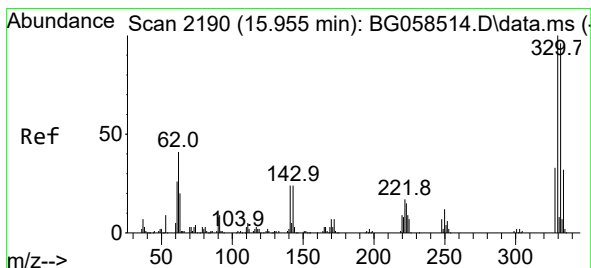
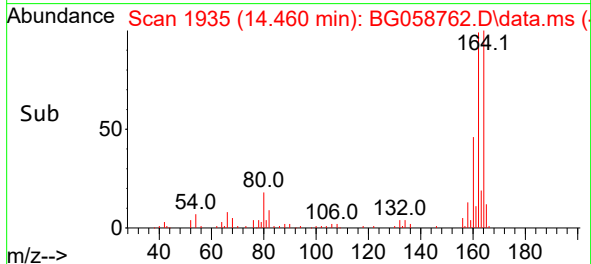
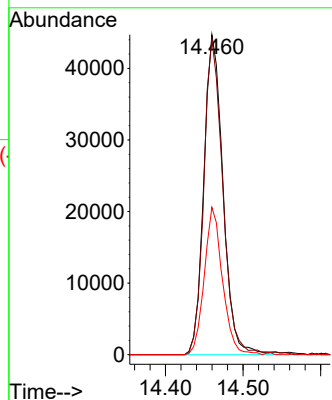
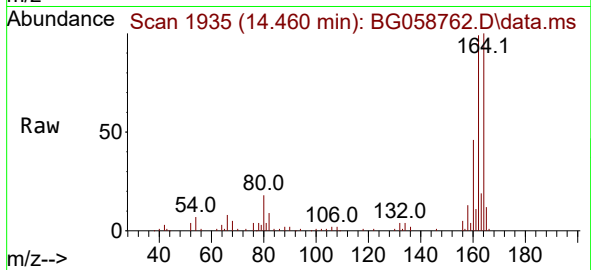




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.460 min Scan# 1936
Delta R.T. -0.003 min
Lab File: BG058762.D
Acq: 17 Aug 2023 14:37

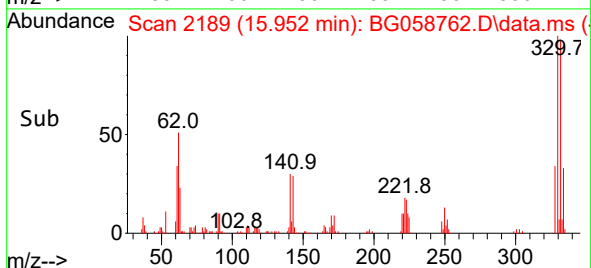
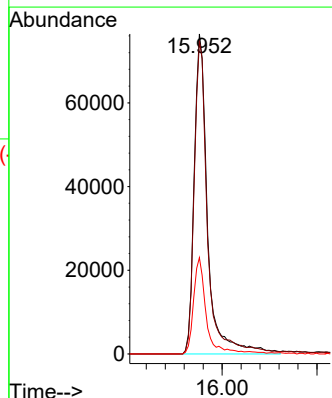
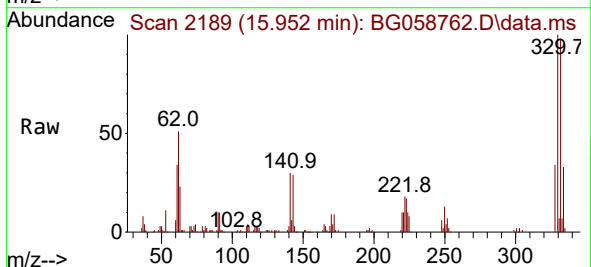
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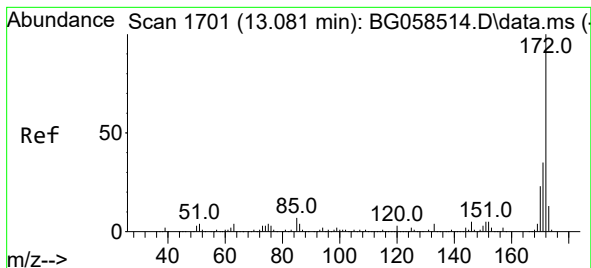
Tgt Ion:164 Resp: 76822
Ion Ratio Lower Upper
164 100
162 98.7 78.3 117.5
160 46.0 34.1 51.1



#42
2,4,6-Tribromophenol
Concen: 120.017 ng
RT: 15.952 min Scan# 2189
Delta R.T. -0.003 min
Lab File: BG058762.D
Acq: 17 Aug 2023 14:37

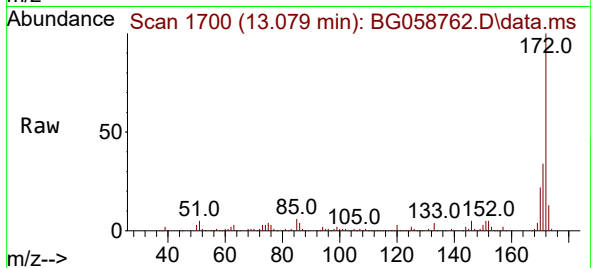
Tgt Ion:330 Resp: 151121
Ion Ratio Lower Upper
330 100
332 96.6 77.5 116.3
141 28.6 20.7 31.1



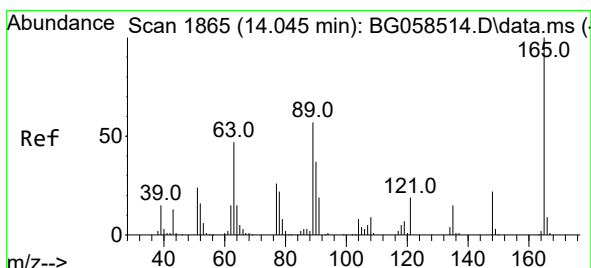
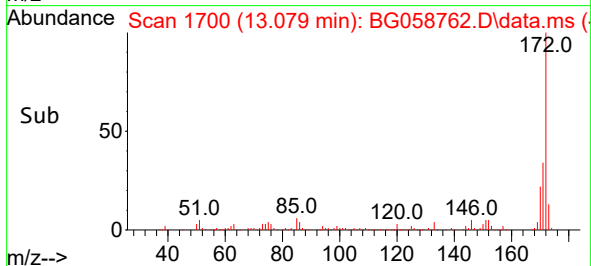
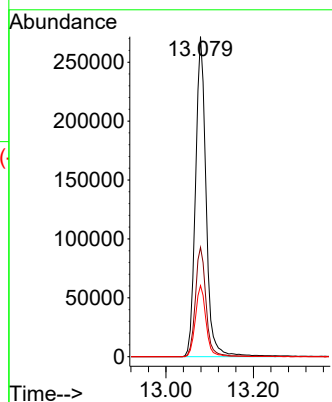


#45
2-Fluorobiphenyl
Concen: 89.380 ng
RT: 13.079 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG058762.D
Acq: 17 Aug 2023 14:37

Instrument :
BNA_G
ClientSampleId :
PB154322TB

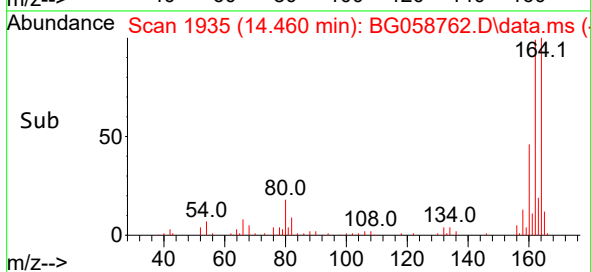
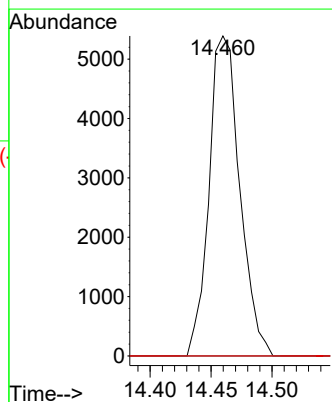
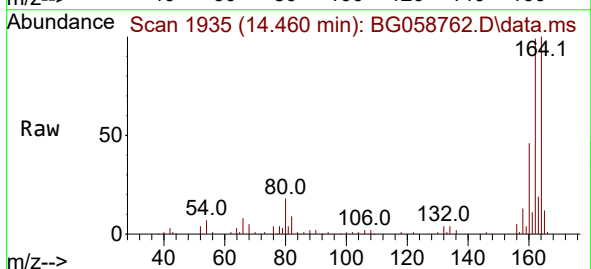


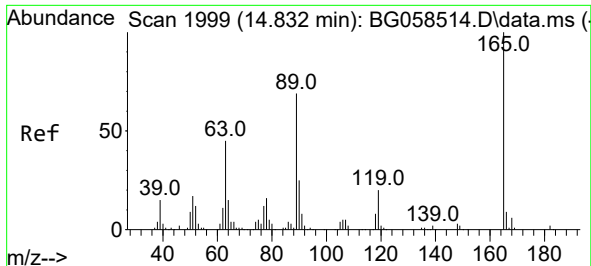
Tgt Ion:172 Resp: 458186
Ion Ratio Lower Upper
172 100
171 34.2 28.0 42.0
170 22.2 18.4 27.6



#51
2,6-Dinitrotoluene
Concen: 7.478 ng
RT: 14.460 min Scan# 1935
Delta R.T. 0.415 min
Lab File: BG058762.D
Acq: 17 Aug 2023 14:37

Tgt Ion:165 Resp: 9467
Ion Ratio Lower Upper
165 100
63 0.0 46.4 69.6#
89 0.0 45.3 67.9#





#57

2,4-Dinitrotoluene

Concen: 5.394 ng

RT: 14.460 min Scan# 1999

Delta R.T. -0.372 min

Lab File: BG058762.D

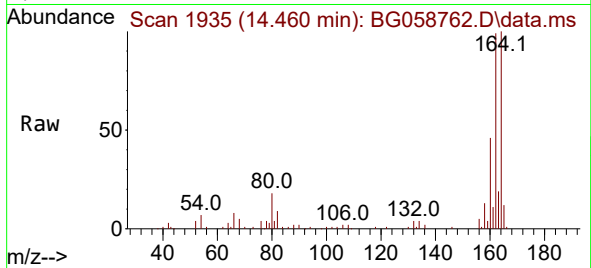
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Instrument :

BNA_G

ClientSampleId :

PB154322TB



Tgt Ion:165 Resp: 9467

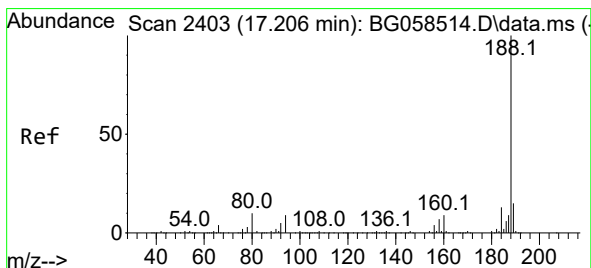
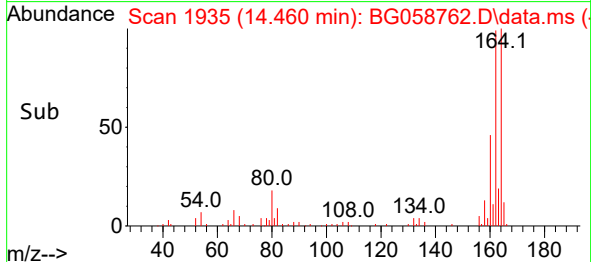
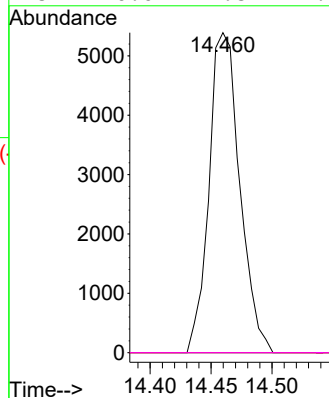
Ion Ratio Lower Upper

165 100

63 0.0 36.6 54.8#

89 0.0 55.4 83.0#

182 0.0 1.8 2.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.209 min Scan# 2403

Delta R.T. 0.003 min

Lab File: BG058762.D

Acq: 17 Aug 2023 14:37

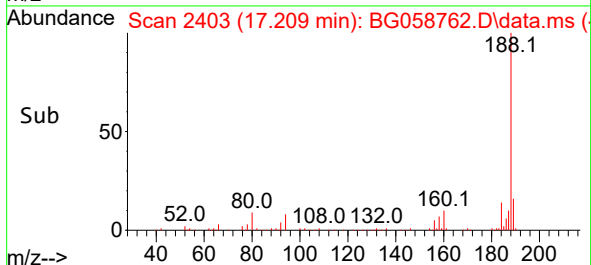
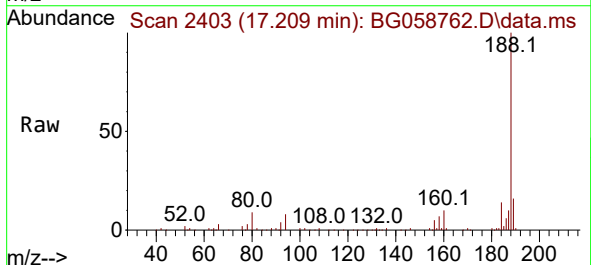
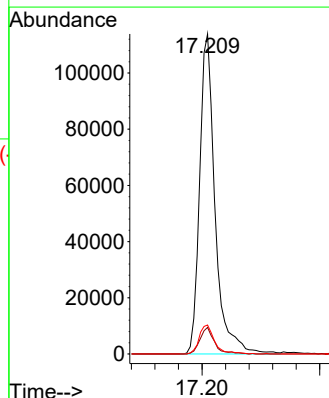
Tgt Ion:188 Resp: 207251

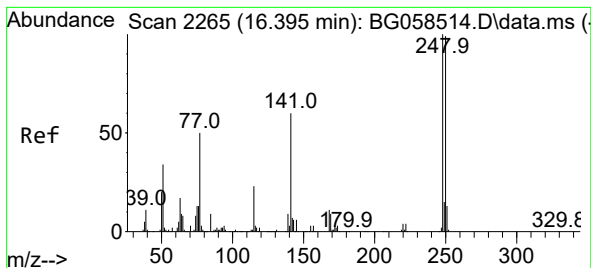
Ion Ratio Lower Upper

188 100

94 8.3 7.0 10.6

80 9.0 8.1 12.1

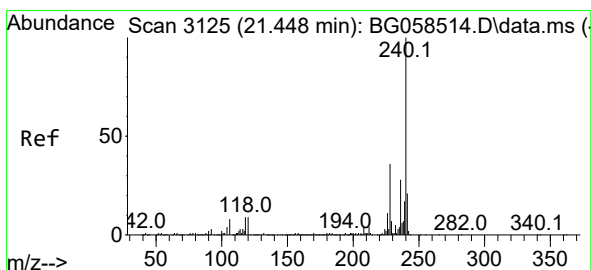
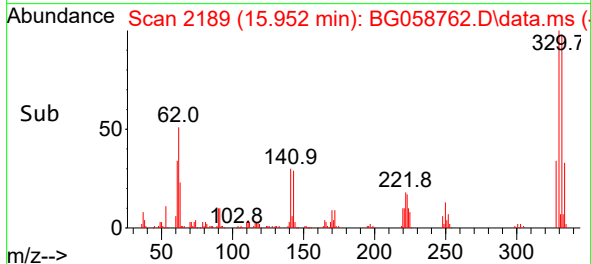
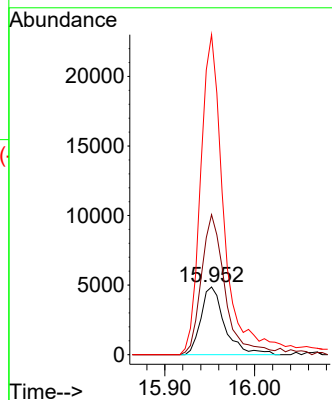
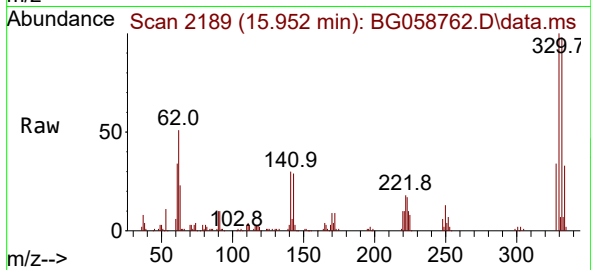




#67
4-Bromophenyl-phenylether
Concen: 3.821 ng
RT: 15.952 min Scan# 2189
Delta R.T. -0.443 min
Lab File: BG058762.D
Acq: 17 Aug 2023 14:37

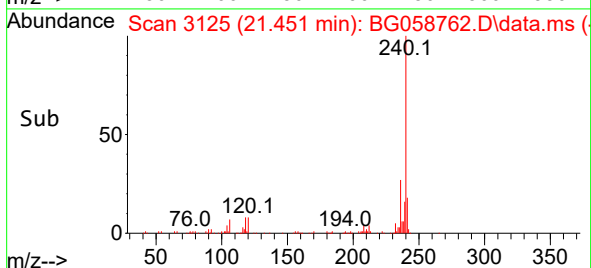
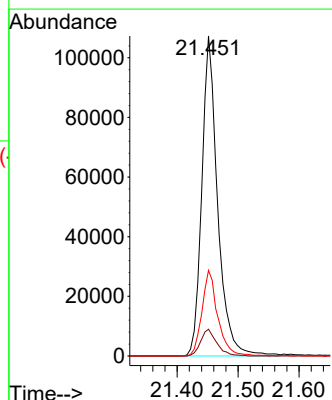
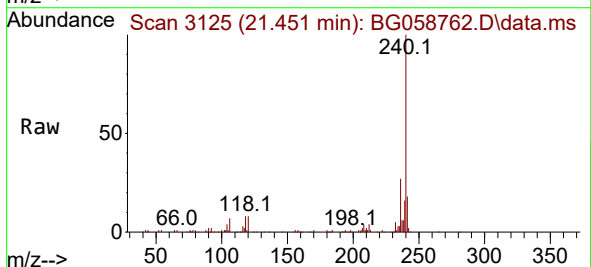
Instrument :
BNA_G
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PB154322TB

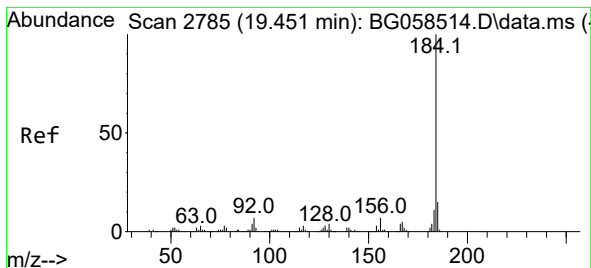
Tgt Ion:248 Resp: 8981
Ion Ratio Lower Upper
248 100
250 206.7 79.5 119.3#
141 472.3 48.2 72.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.451 min Scan# 3125
Delta R.T. 0.003 min
Lab File: BG058762.D
Acq: 17 Aug 2023 14:37

Tgt Ion:240 Resp: 193624
Ion Ratio Lower Upper
240 100
120 8.4 7.4 11.0
236 26.8 22.2 33.4





#77

Benzidine

Concen: 4.559 ng

RT: 19.824 min Scan# 21

Delta R.T. 0.373 min

Lab File: BG058762.D

Acq: 17 Aug 2023 14:37

Instrument :

BNA_G

ClientSampleId :

PB154322TB

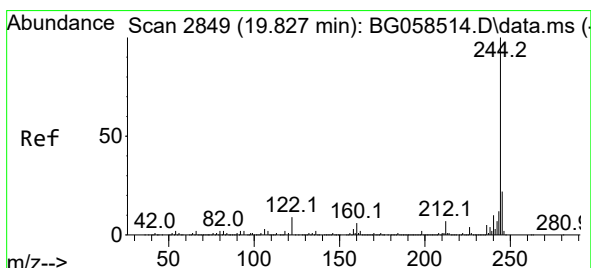
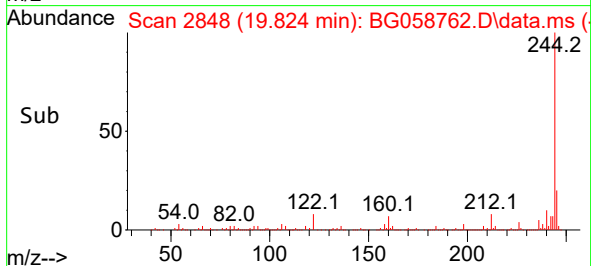
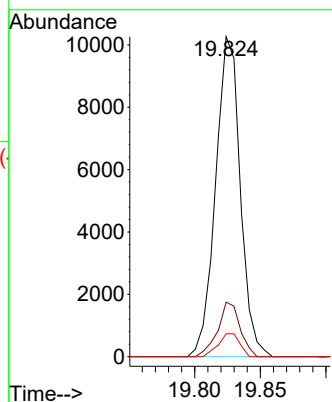
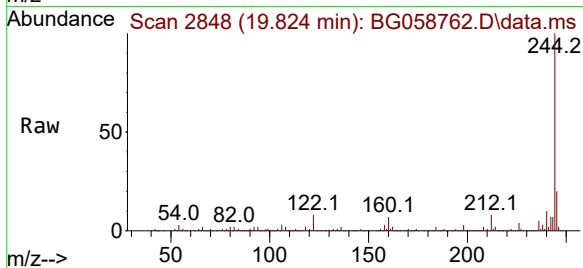
Tgt Ion:184 Resp: 13387

Ion Ratio Lower Upper

184 100

185 17.1 11.9 17.9

183 7.1 8.7 13.1#



#79

Terphenyl-d14

Concen: 92.662 ng

RT: 19.824 min Scan# 2848

Delta R.T. -0.003 min

Lab File: BG058762.D

Acq: 17 Aug 2023 14:37

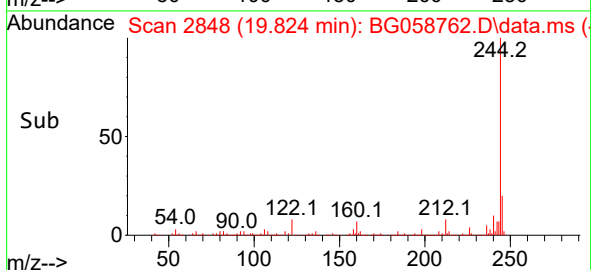
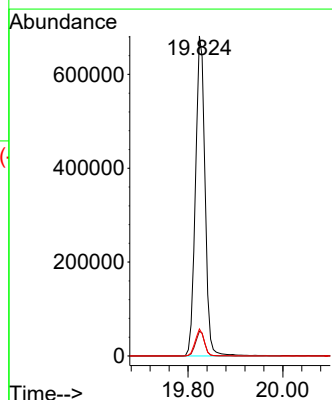
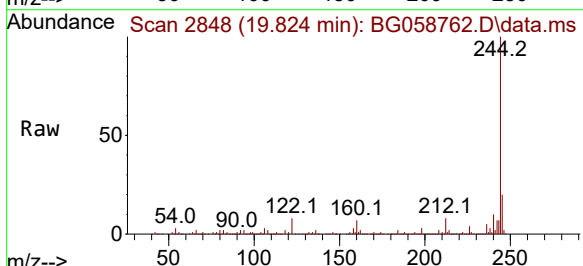
Tgt Ion:244 Resp: 954071

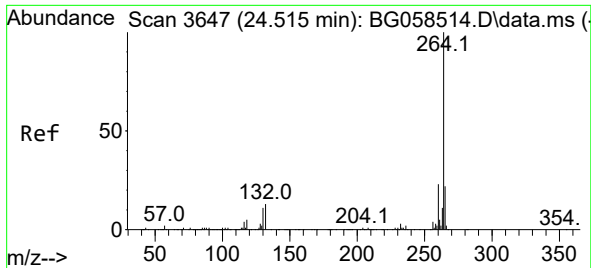
Ion Ratio Lower Upper

244 100

212 7.7 5.9 8.9

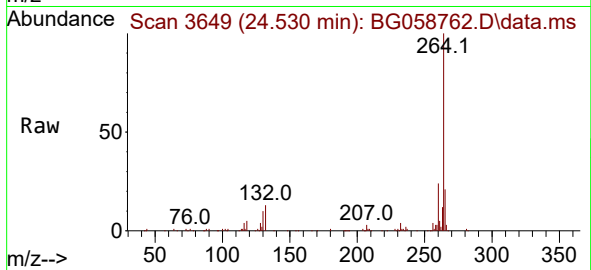
122 8.4 6.8 10.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.530 min Scan# 30
Delta R.T. 0.015 min
Lab File: BG058762.D
Acq: 17 Aug 2023 14:37

Instrument :
BNA_G
ClientSampleId :
PB154322TB



Tgt Ion:264 Resp: 229728

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.4	27.6
265	21.2	17.9	26.9

