

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102922\
 Data File : BG055367.D
 Acq On : 29 Oct 2022 16:05
 Operator : CG/JU
 Sample : N5272-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20221109-COMP-08

Quant Time: Oct 31 02:44:00 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 29 04:52:38 2022
 Response via : Initial Calibration

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

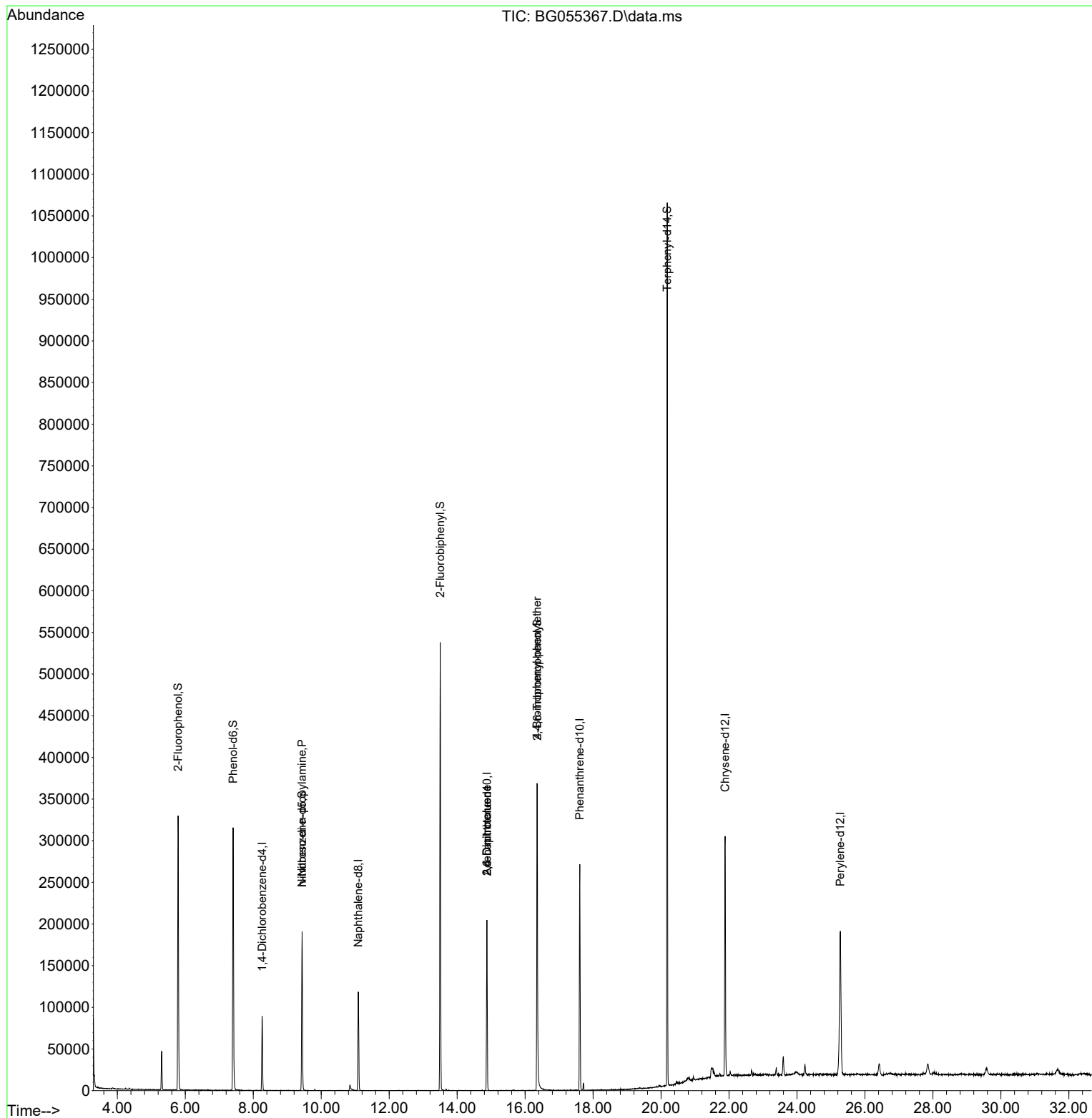
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.259	152	26450	20.000	ng	0.00
21) Naphthalene-d8	11.091	136	110840	20.000	ng	# 0.00
39) Acenaphthene-d10	14.875	164	74156	20.000	ng	0.00
64) Phenanthrene-d10	17.607	188	180436	20.000	ng	# 0.00
76) Chrysene-d12	21.884	240	187688	20.000	ng	0.00
86) Perylene-d12	25.275	264	199360	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.786	112	157727	104.414	ng	0.00
7) Phenol-d6	7.407	99	203095	92.801	ng	0.00
23) Nitrobenzene-d5	9.434	82	120541	55.532	ng	0.00
42) 2,4,6-Tribromophenol	16.356	330	94218	116.875	ng	0.00
45) 2-Fluorobiphenyl	13.500	172	276826	61.100	ng	-0.01
79) Terphenyl-d14	20.181	244	522224	57.810	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.434	70	15691	8.634	ng	# 77
51) 2,6-Dinitrotoluene	14.875	165	9542	8.054	ng	# 19
57) 2,4-Dinitrotoluene	14.875	165	9542	5.550	ng	# 18
67) 4-Bromophenyl-phenylether	16.350	248	5472	3.121	ng	# 1

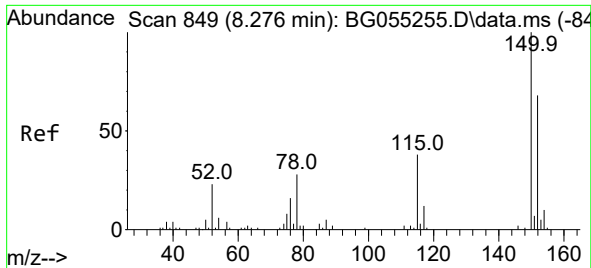
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102922\
Data File : BG055367.D
Acq On : 29 Oct 2022 16:05
Operator : CG/JU
Sample : N5272-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
20221109-COMP-08

Quant Time: Oct 31 02:44:00 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 29 04:52:38 2022
Response via : Initial Calibration

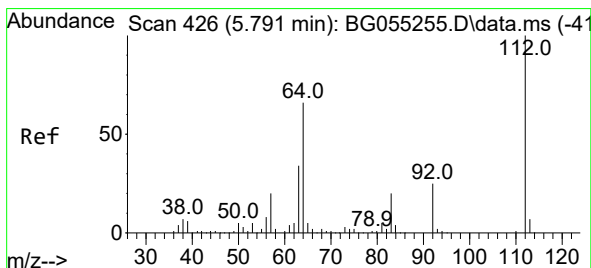
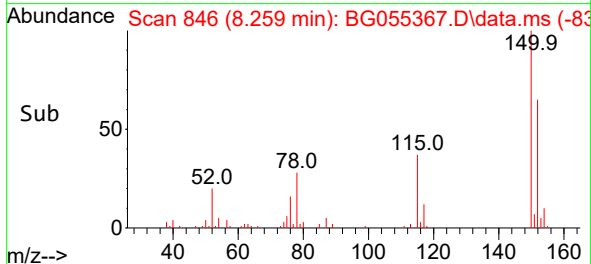
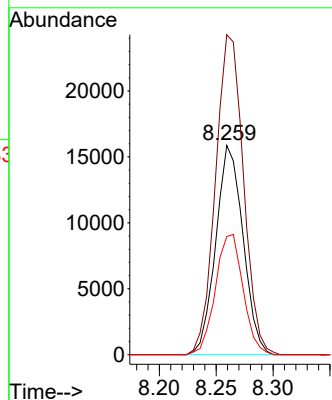
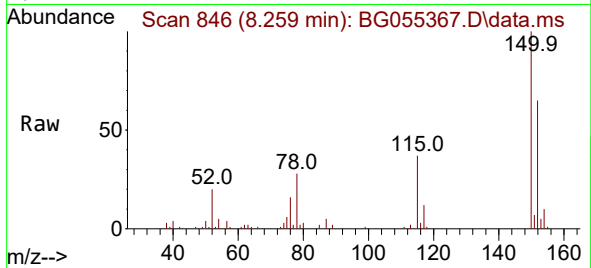




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.259 min Scan# 84
Delta R.T. -0.006 min
Lab File: BG055367.D
Acq: 29 Oct 2022 16:05

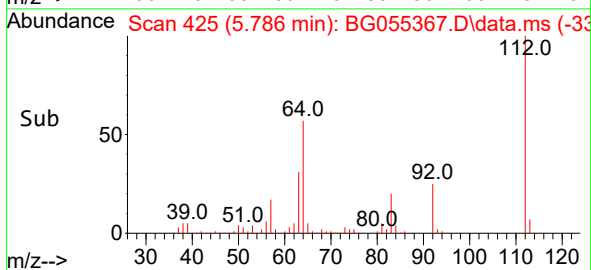
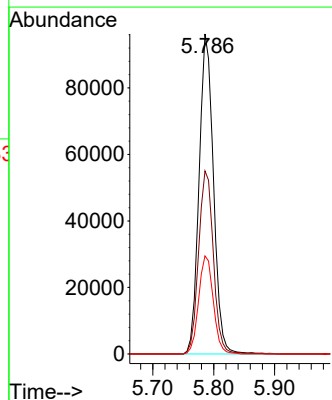
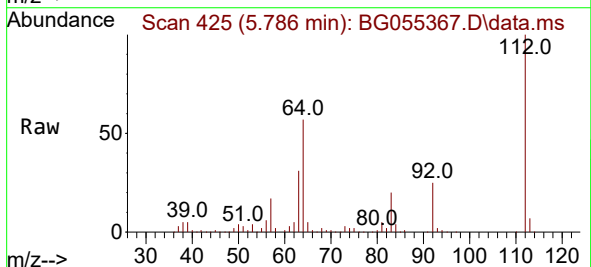
Instrument :
BNA_G
ClientSampleId :
20221109-COMP-08

Tgt Ion:152 Resp: 26450
Ion Ratio Lower Upper
152 100
150 152.9 118.2 177.4
115 56.4 44.5 66.7



#5
2-Fluorophenol
Concen: 104.414 ng
RT: 5.786 min Scan# 425
Delta R.T. 0.000 min
Lab File: BG055367.D
Acq: 29 Oct 2022 16:05

Tgt Ion:112 Resp: 157727
Ion Ratio Lower Upper
112 100
64 57.2 52.6 78.8
63 30.6 27.1 40.7

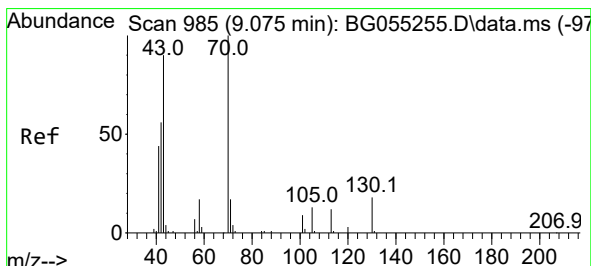
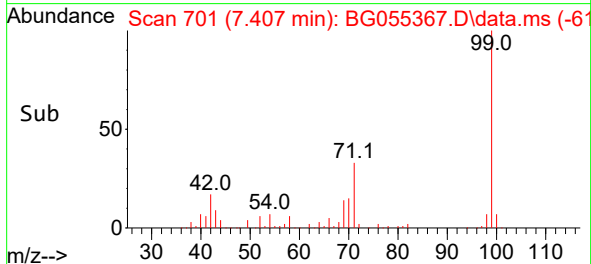
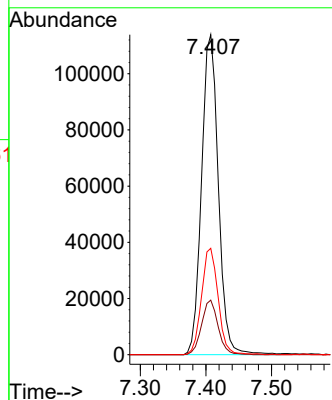
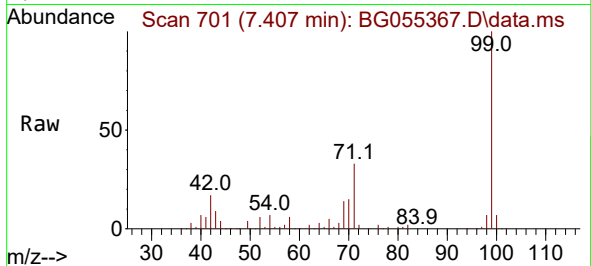




#7
Phenol-d6
Concen: 92.801 ng
RT: 7.407 min Scan# 702
Delta R.T. -0.006 min
Lab File: BG055367.D
Acq: 29 Oct 2022 16:05

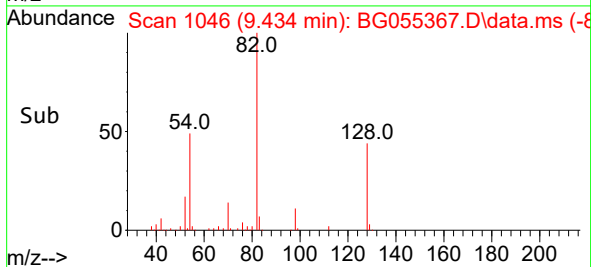
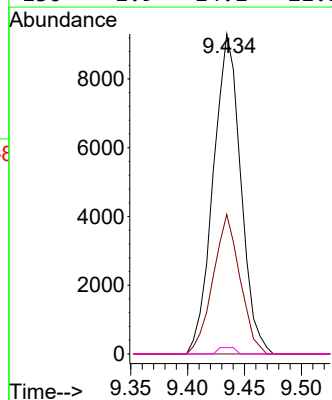
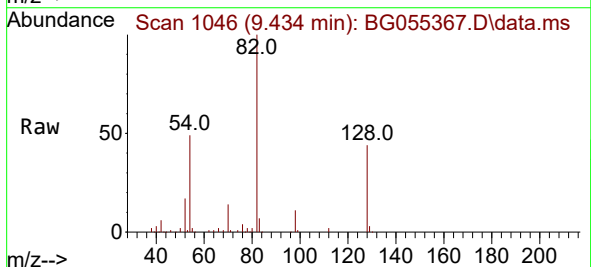
Instrument :
BNA_G
ClientSampleId :
20221109-COMP-08

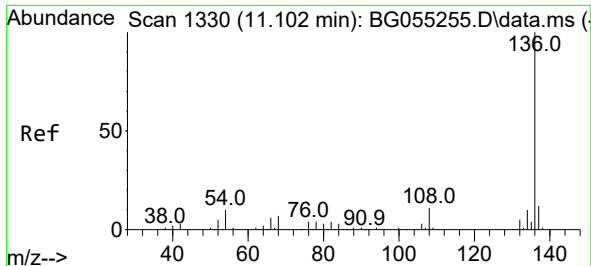
Tgt Ion: 99 Resp: 203095
Ion Ratio Lower Upper
99 100
42 17.0 15.2 22.8
71 33.3 26.2 39.4



#19
n-Nitroso-di-n-propylamine
Concen: 8.634 ng
RT: 9.434 min Scan# 1046
Delta R.T. 0.365 min
Lab File: BG055367.D
Acq: 29 Oct 2022 16:05

Tgt Ion: 70 Resp: 15691
Ion Ratio Lower Upper
70 100
42 43.6 45.8 68.6#
101 0.0 7.4 11.0#
130 1.9 14.1 21.1#

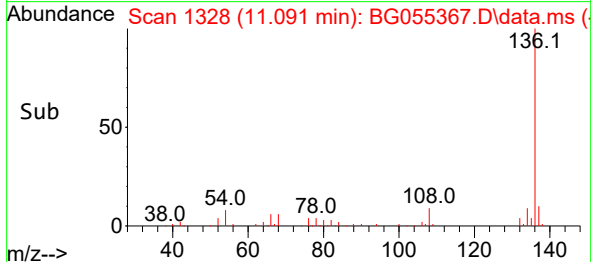
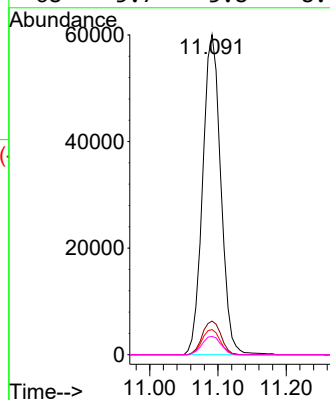
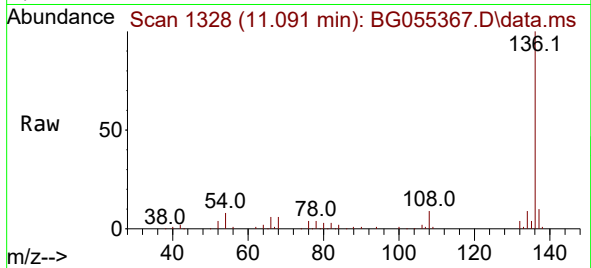




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.091 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG055367.D
Acq: 29 Oct 2022 16:05

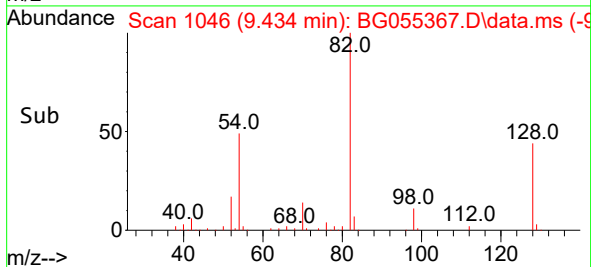
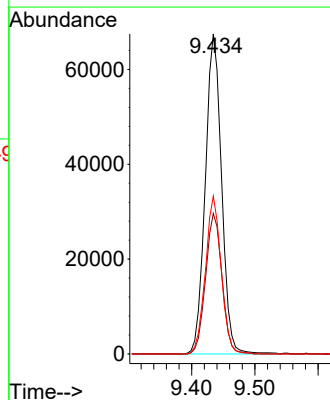
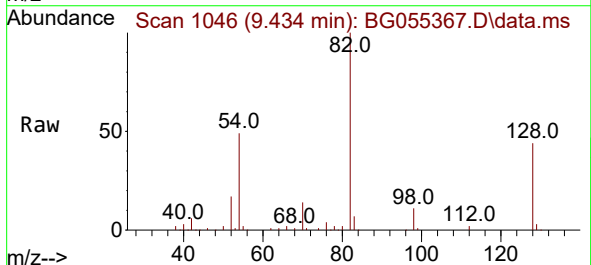
Instrument :
BNA_G
ClientSampleId :
20221109-COMP-08

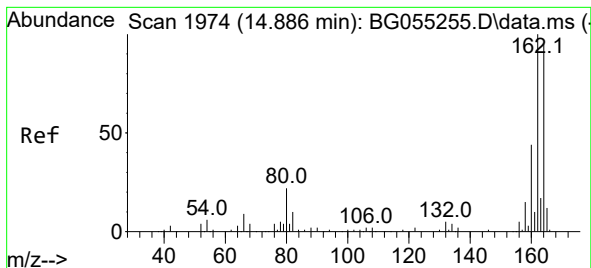
Tgt Ion:136 Resp: 110840
Ion Ratio Lower Upper
136 100
137 10.5 9.2 13.8
54 7.9 7.8 11.8
68 5.7 5.8 8.6#



#23
Nitrobenzene-d5
Concen: 55.532 ng
RT: 9.434 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BG055367.D
Acq: 29 Oct 2022 16:05

Tgt Ion: 82 Resp: 120541
Ion Ratio Lower Upper
82 100
128 43.9 32.0 48.0
54 49.3 40.9 61.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.875 min Scan# 1972

Delta R.T. -0.006 min

Lab File: BG055367.D

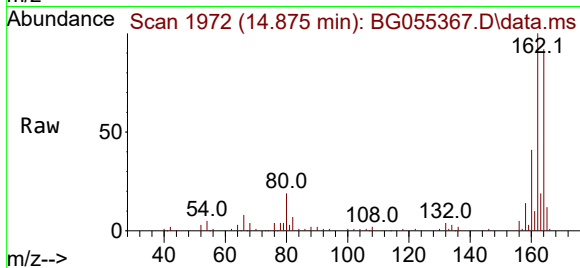
Acq: 29 Oct 2022 16:05

Instrument :

BNA_G

ClientSampleId :

20221109-COMP-08



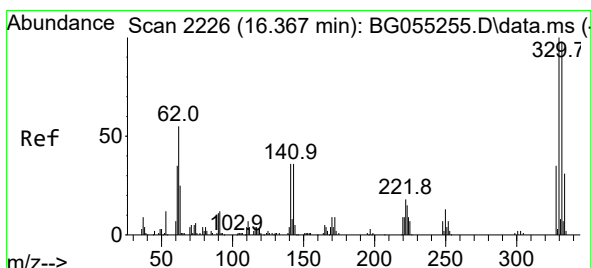
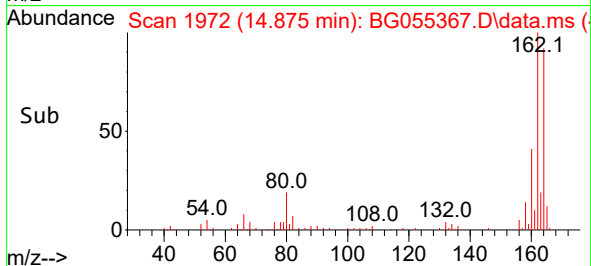
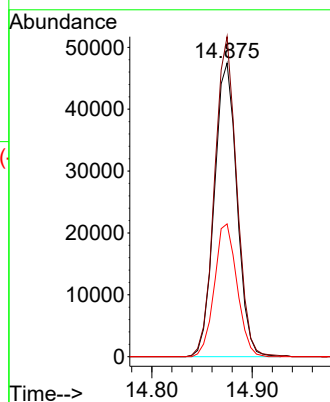
Tgt Ion:164 Resp: 74156

Ion Ratio Lower Upper

164 100

162 109.0 84.0 126.0

160 45.2 36.7 55.1



#42

2,4,6-Tribromophenol

Concen: 116.875 ng

RT: 16.356 min Scan# 2224

Delta R.T. -0.006 min

Lab File: BG055367.D

Acq: 29 Oct 2022 16:05

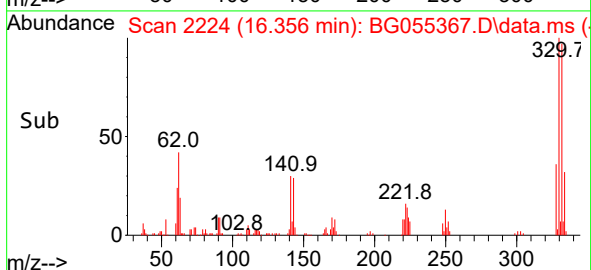
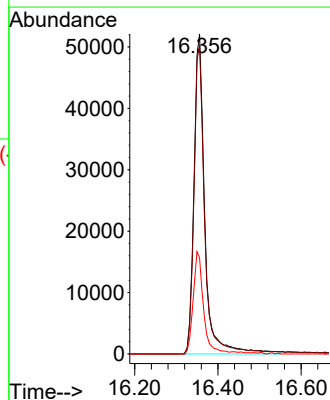
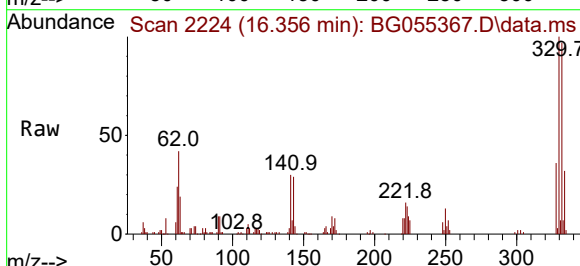
Tgt Ion:330 Resp: 94218

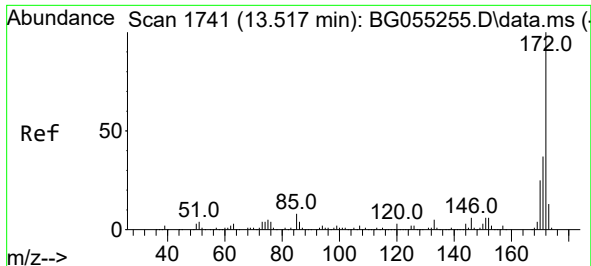
Ion Ratio Lower Upper

330 100

332 95.1 77.4 116.0

141 31.5 29.8 44.8

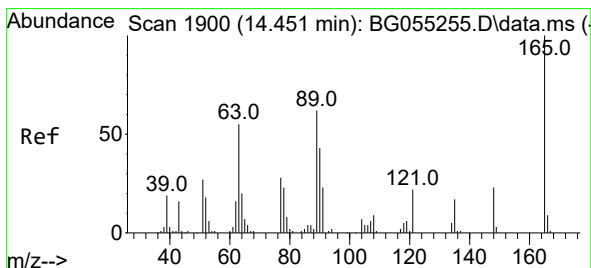
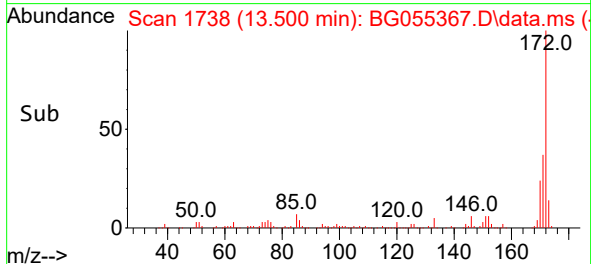
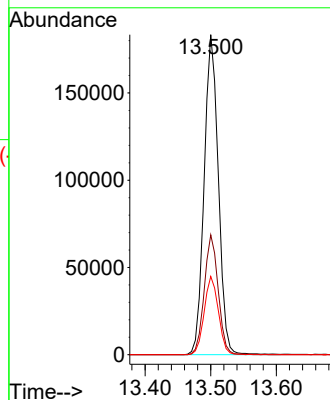
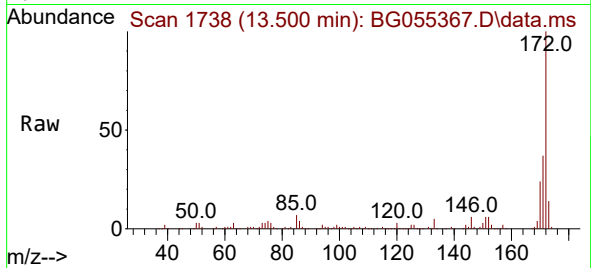




#45
2-Fluorobiphenyl
Concen: 61.100 ng
RT: 13.500 min Scan# 1
Delta R.T. -0.011 min
Lab File: BG055367.D
Acq: 29 Oct 2022 16:05

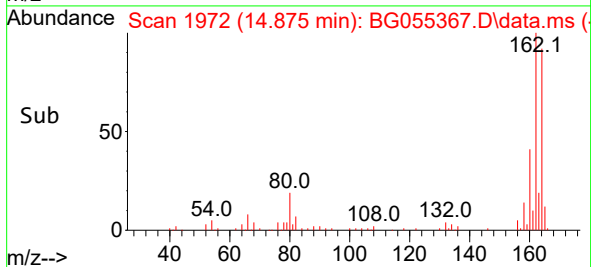
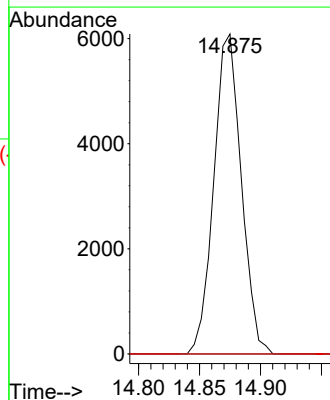
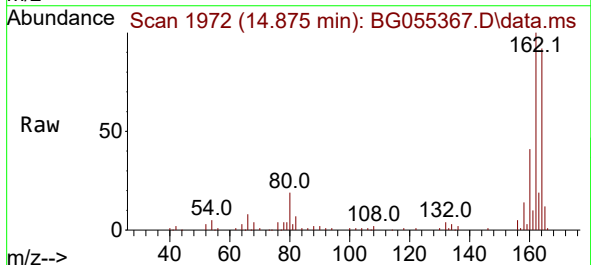
Instrument :
BNA_G
ClientSampleId :
20221109-COMP-08

Tgt Ion:172 Resp: 276826
Ion Ratio Lower Upper
172 100
171 37.5 29.7 44.5
170 24.5 20.2 30.2



#51
2,6-Dinitrotoluene
Concen: 8.054 ng
RT: 14.875 min Scan# 1972
Delta R.T. 0.423 min
Lab File: BG055367.D
Acq: 29 Oct 2022 16:05

Tgt Ion:165 Resp: 9542
Ion Ratio Lower Upper
165 100
63 0.0 49.2 73.8#
89 0.0 49.9 74.9#





#57

2,4-Dinitrotoluene

Concen: 5.550 ng

RT: 14.875 min Scan# 14

Delta R.T. -0.358 min

Lab File: BG055367.D

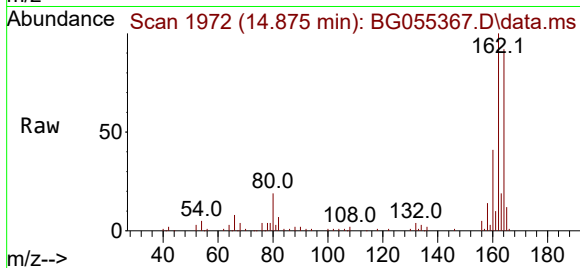
Acq: 29 Oct 2022 16:05

Instrument :

BNA_G

ClientSampleId :

20221109-COMP-08



Tgt Ion:165 Resp: 9542

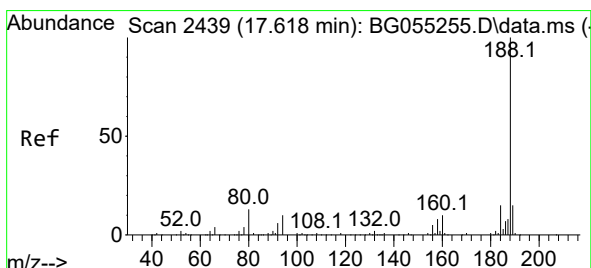
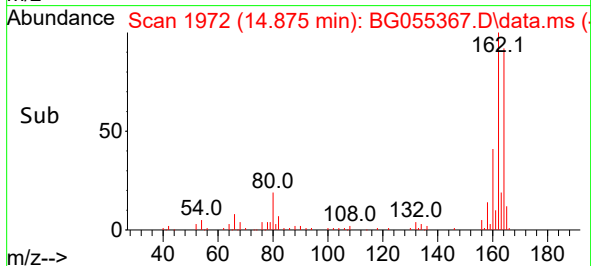
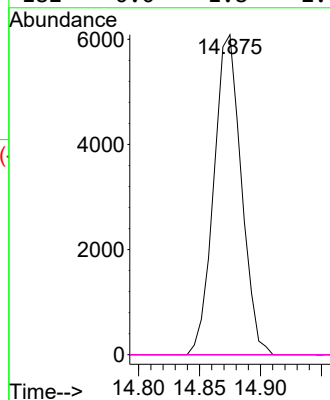
Ion Ratio Lower Upper

165 100

63 0.0 38.9 58.3#

89 0.0 64.2 96.4#

182 0.0 1.8 2.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.607 min Scan# 2437

Delta R.T. -0.006 min

Lab File: BG055367.D

Acq: 29 Oct 2022 16:05

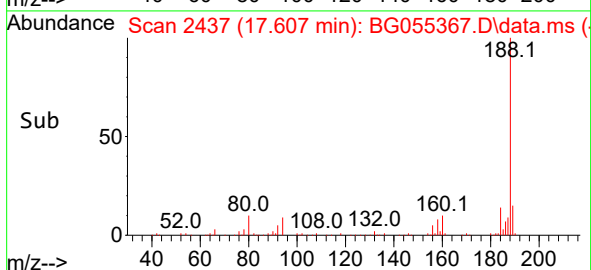
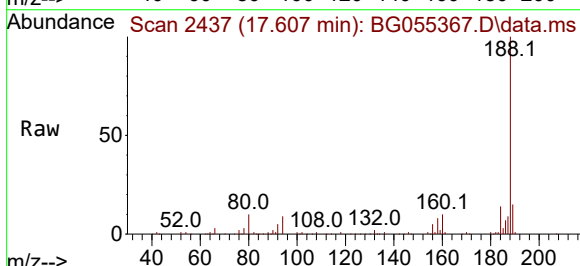
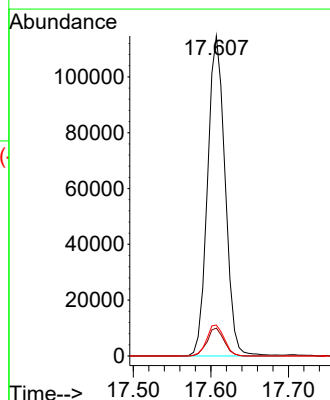
Tgt Ion:188 Resp: 180436

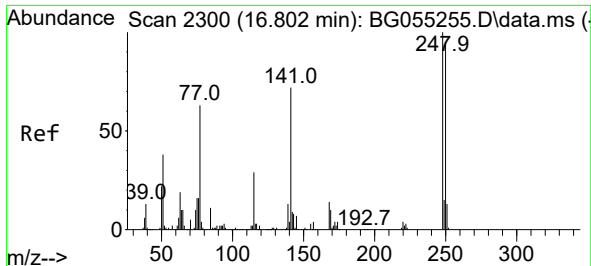
Ion Ratio Lower Upper

188 100

94 8.7 8.2 12.4

80 9.7 10.1 15.1#

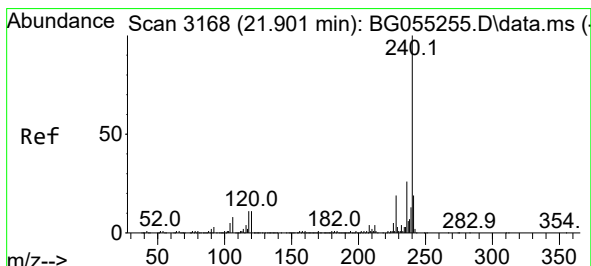
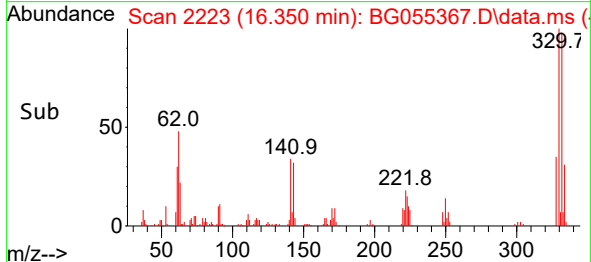
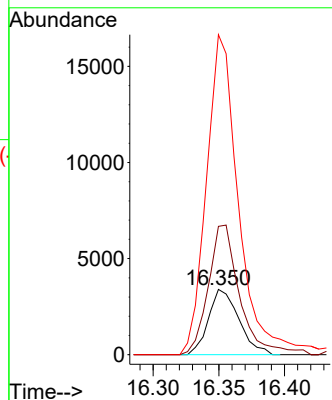
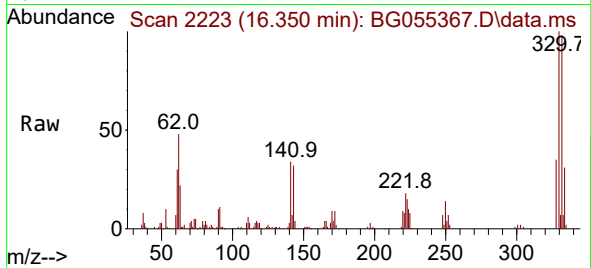




#67
4-Bromophenyl-phenylether
Concen: 3.121 ng
RT: 16.350 min Scan# 21
Delta R.T. -0.446 min
Lab File: BG055367.D
Acq: 29 Oct 2022 16:05

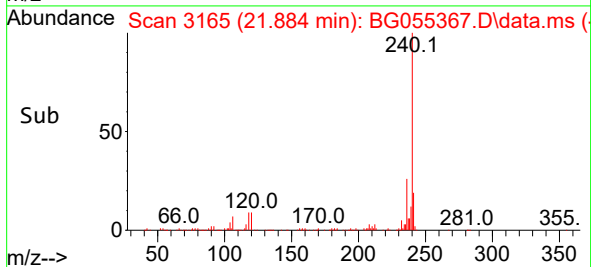
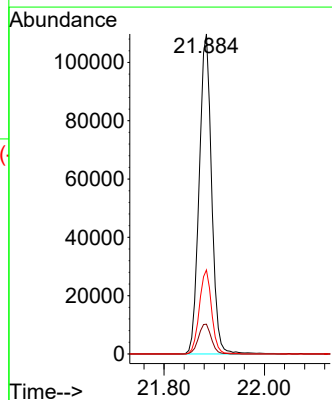
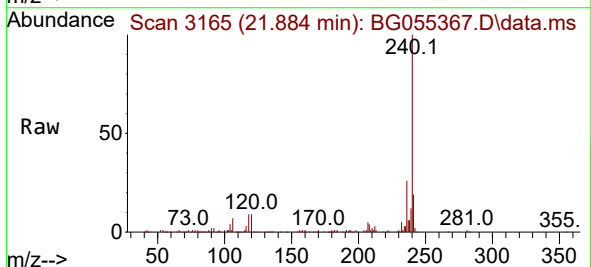
Instrument :
BNA_G
ClientSampleId :
20221109-COMP-08

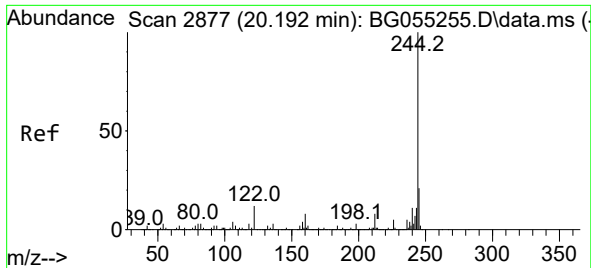
Tgt Ion:248 Resp: 5472
Ion Ratio Lower Upper
248 100
250 196.7 76.0 114.0#
141 490.4 58.0 87.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.884 min Scan# 3165
Delta R.T. -0.006 min
Lab File: BG055367.D
Acq: 29 Oct 2022 16:05

Tgt Ion:240 Resp: 187688
Ion Ratio Lower Upper
240 100
120 9.3 8.9 13.3
236 26.3 21.0 31.4

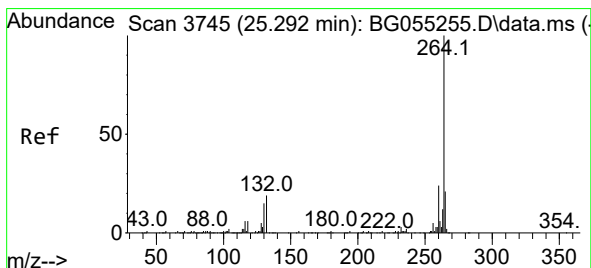
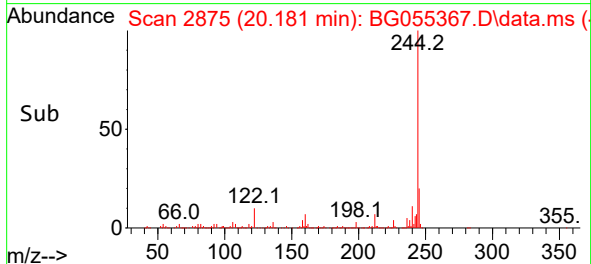
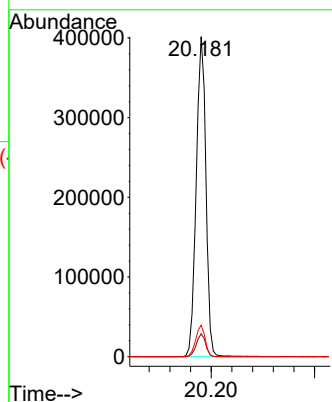
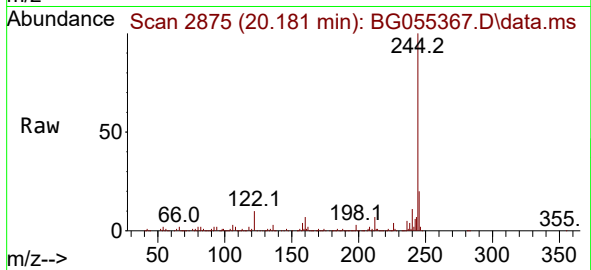




#79
 Terphenyl-d14
 Concen: 57.810 ng
 RT: 20.181 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG055367.D
 Acq: 29 Oct 2022 16:05

Instrument :
 BNA_G
 ClientSampleId :
 20221109-COMP-08

Tgt Ion:244 Resp: 522224
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 9.8 9.6 14.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.275 min Scan# 3742
 Delta R.T. -0.012 min
 Lab File: BG055367.D
 Acq: 29 Oct 2022 16:05

Tgt Ion:264 Resp: 199360
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.5 29.3
 265 21.6 17.4 26.2

