

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020723\
 Data File : BG056565.D
 Acq On : 7 Feb 2023 13:04
 Operator : CG/JU
 Sample : PB150708BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB150708BL

Quant Time: Feb 08 03:04:55 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 08 03:02:11 2023
 Response via : Initial Calibration

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

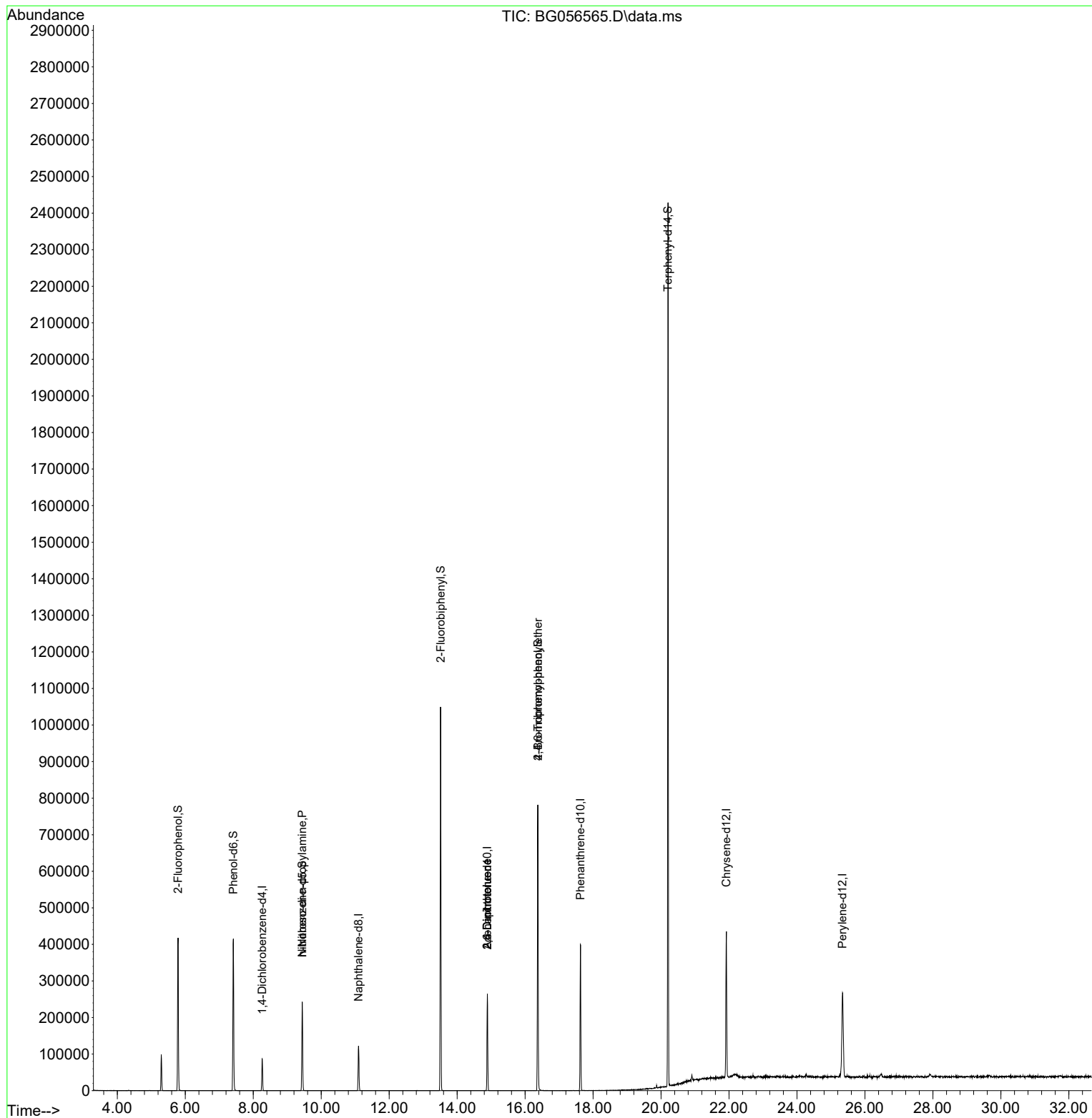
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.267	152	29958	20.000	ng	0.00
21) Naphthalene-d8	11.099	136	120079	20.000	ng	0.00
39) Acenaphthene-d10	14.889	164	102276	20.000	ng	0.00
64) Phenanthrene-d10	17.626	188	285762	20.000	ng	0.00
76) Chrysene-d12	21.921	240	267709	20.000	ng	0.00
86) Perylene-d12	25.341	264	288256	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.787	112	240383	147.608	ng	0.00
7) Phenol-d6	7.415	99	329768	136.667	ng	0.00
23) Nitrobenzene-d5	9.442	82	168494	79.680	ng	0.00
42) 2,4,6-Tribromophenol	16.375	330	174309	128.197	ng	0.00
45) 2-Fluorobiphenyl	13.514	172	583962	79.160	ng	0.00
79) Terphenyl-d14	20.206	244	1282333	84.130	ng	0.00
Target Compounds						
9) Benzaldehyde	7.415	77	361	Below Cal	Qvalue	# 1
19) n-Nitroso-di-n-propyla...	9.442	70	20235	14.552	ng	# 75
51) 2,6-Dinitrotoluene	14.889	165	13846	7.673	ng	# 36
57) 2,4-Dinitrotoluene	14.889	165	13846	5.448	ng	# 35
67) 4-Bromophenyl-phenylether	16.375	248	13563	3.708	ng	# 1

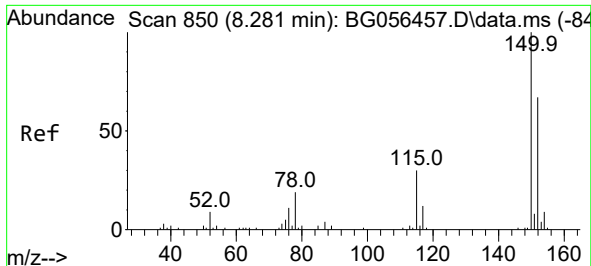
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020723\
Data File : BG056565.D
Acq On : 7 Feb 2023 13:04
Operator : CG/JU
Sample : PB150708BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB150708BL

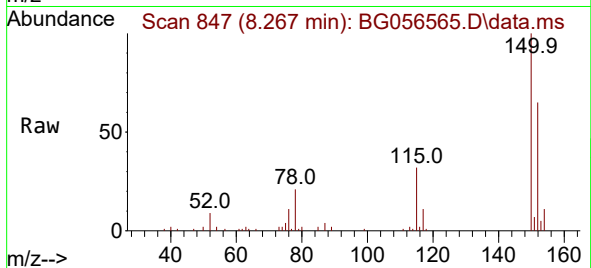
Quant Time: Feb 08 03:04:55 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 08 03:02:11 2023
Response via : Initial Calibration



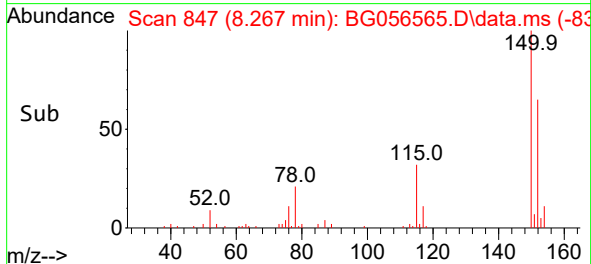
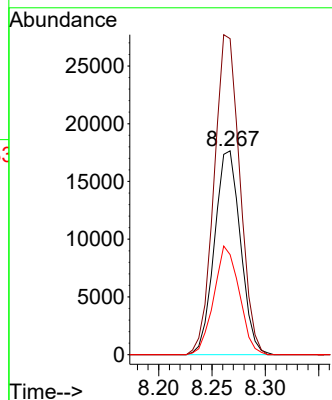


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.267 min Scan# 84
Delta R.T. -0.002 min
Lab File: BG056565.D
Acq: 7 Feb 2023 13:04

Instrument :
BNA_G
ClientSampleId :
PB150708BL

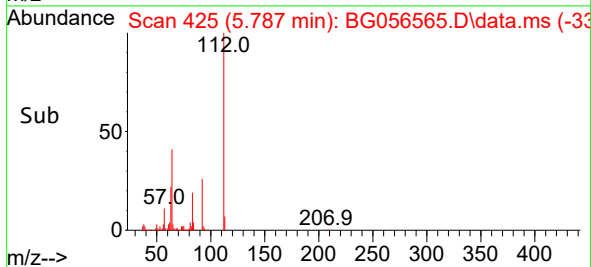
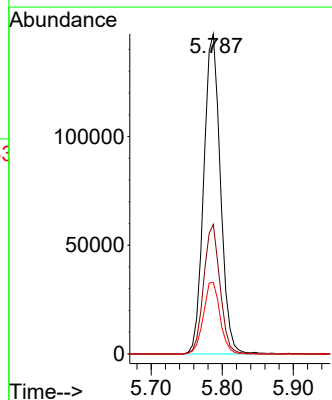
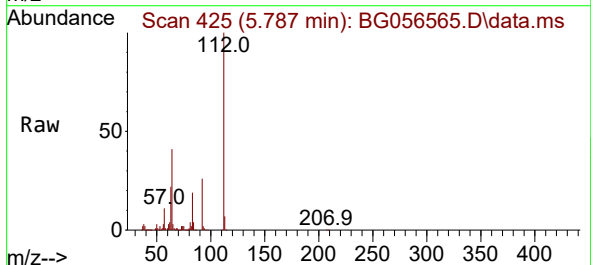


Tgt Ion:152 Resp: 29958
Ion Ratio Lower Upper
152 100
150 155.0 120.2 180.4
115 49.0 36.3 54.5



#5
2-Fluorophenol
Concen: 147.608 ng
RT: 5.787 min Scan# 425
Delta R.T. -0.003 min
Lab File: BG056565.D
Acq: 7 Feb 2023 13:04

Tgt Ion:112 Resp: 240383
Ion Ratio Lower Upper
112 100
64 40.5 31.9 47.9
63 22.3 17.4 26.0

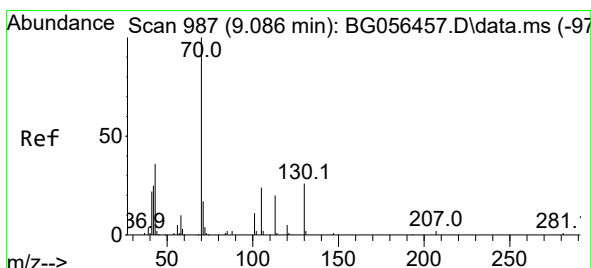
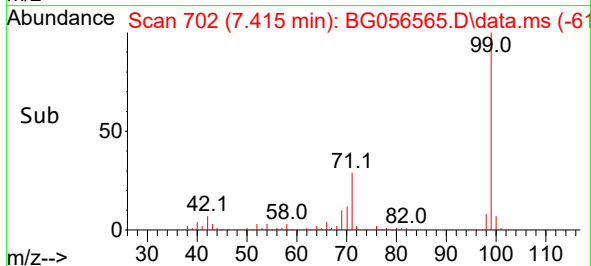
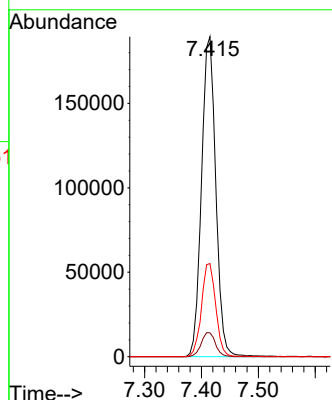
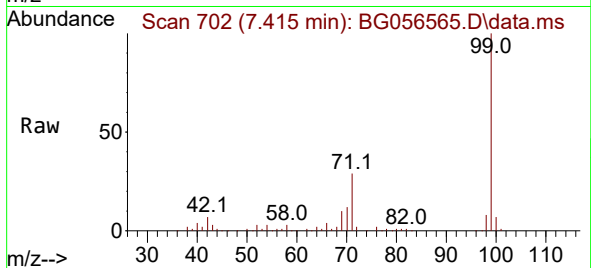




#7
Phenol-d6
Concen: 136.667 ng
RT: 7.415 min Scan# 704
Delta R.T. -0.003 min
Lab File: BG056565.D
Acq: 7 Feb 2023 13:04

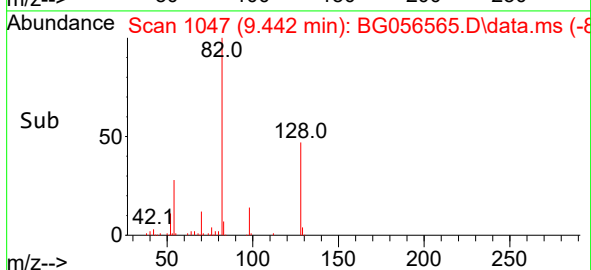
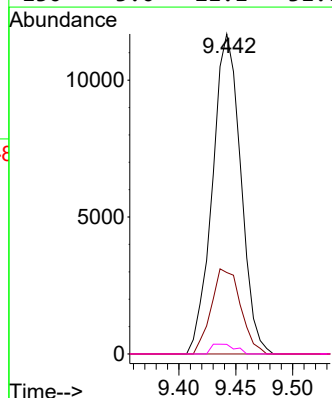
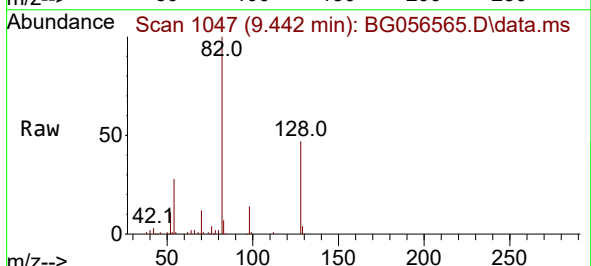
Instrument :
BNA_G
ClientSampleId :
PB150708BL

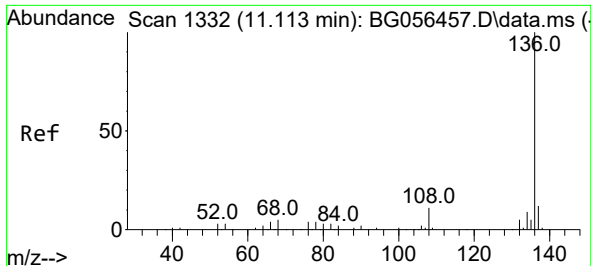
Tgt Ion: 99 Resp: 329768
Ion Ratio Lower Upper
99 100
42 7.4 6.6 10.0
71 29.1 23.4 35.0



#19
n-Nitroso-di-n-propylamine
Concen: 14.552 ng
RT: 9.442 min Scan# 1047
Delta R.T. 0.368 min
Lab File: BG056565.D
Acq: 7 Feb 2023 13:04

Tgt Ion: 70 Resp: 20235
Ion Ratio Lower Upper
70 100
42 25.5 20.2 30.4
101 0.0 9.1 13.7#
130 3.0 21.1 31.7#

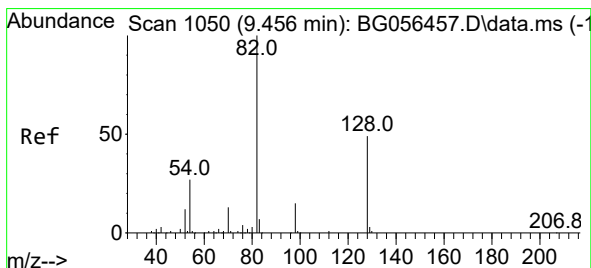
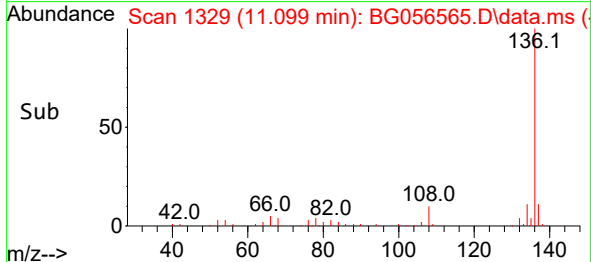
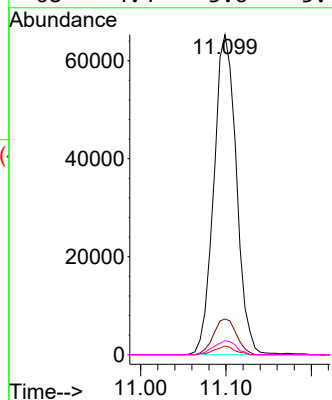
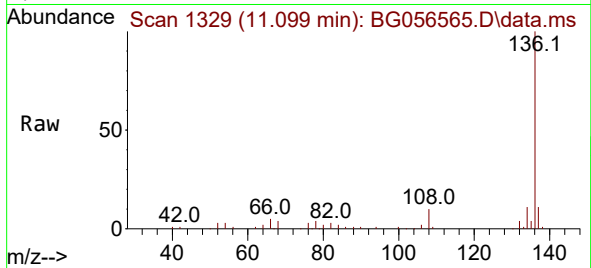




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.099 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG056565.D
Acq: 7 Feb 2023 13:04

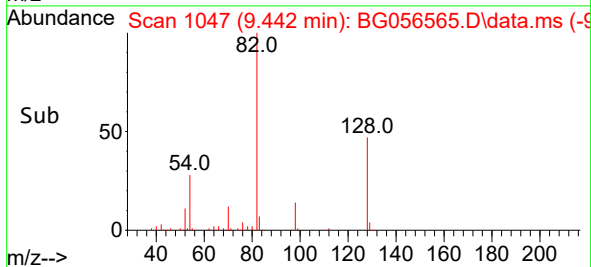
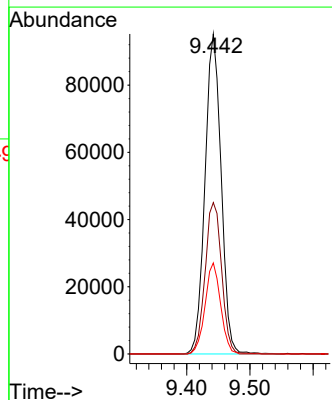
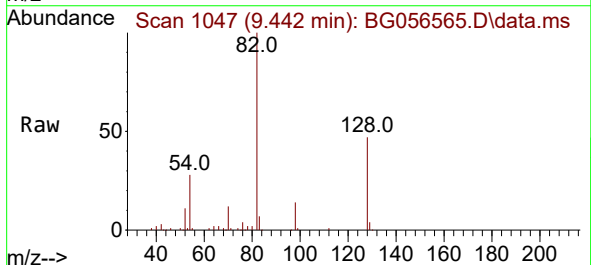
Instrument :
BNA_G
ClientSampleId :
PB150708BL

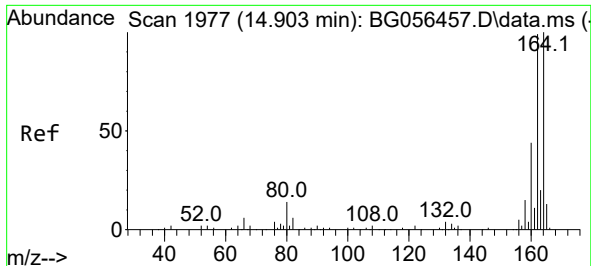
Tgt Ion:136 Resp: 120079
Ion Ratio Lower Upper
136 100
137 11.1 9.4 14.0
54 2.7 2.2 3.4
68 4.4 3.6 5.4



#23
Nitrobenzene-d5
Concen: 79.680 ng
RT: 9.442 min Scan# 1047
Delta R.T. -0.003 min
Lab File: BG056565.D
Acq: 7 Feb 2023 13:04

Tgt Ion: 82 Resp: 168494
Ion Ratio Lower Upper
82 100
128 47.3 39.4 59.2
54 28.4 21.4 32.2

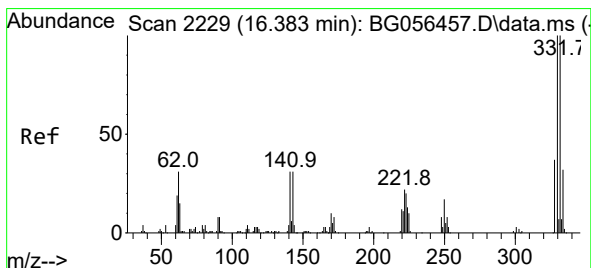
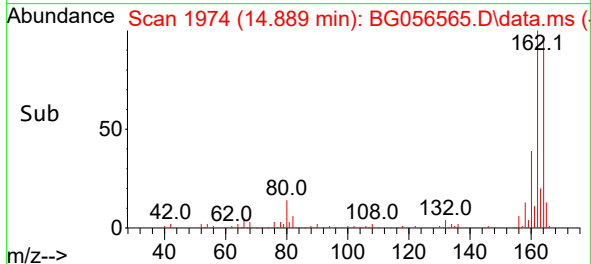
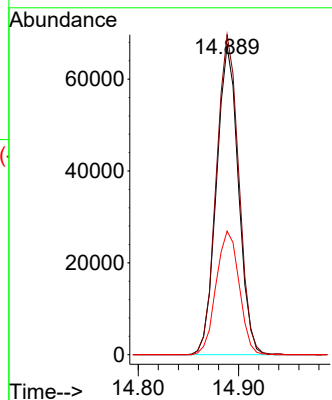
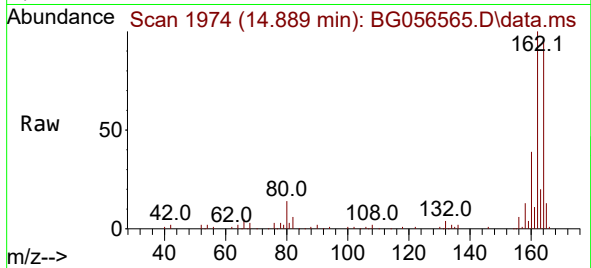




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.889 min Scan# 1974
Delta R.T. -0.003 min
Lab File: BG056565.D
Acq: 7 Feb 2023 13:04

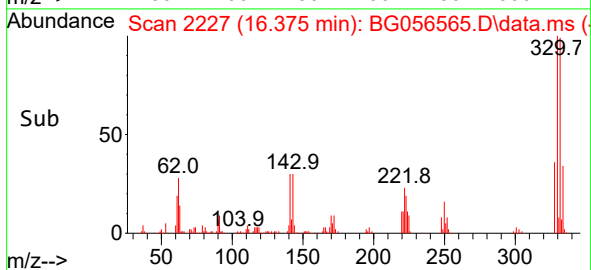
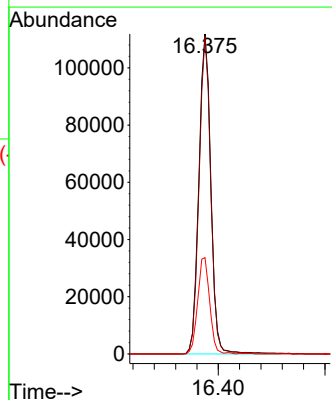
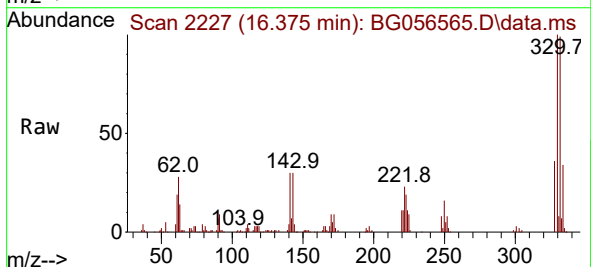
Instrument :
BNA_G
ClientSampleId :
PB150708BL

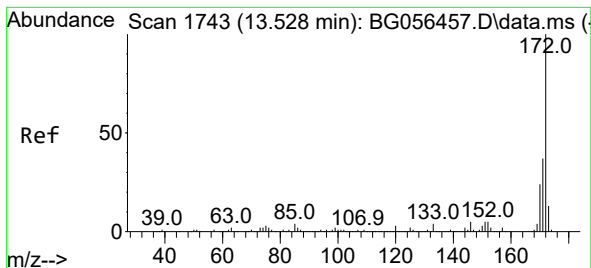
Tgt Ion:164 Resp: 102276
Ion Ratio Lower Upper
164 100
162 103.7 79.6 119.4
160 40.0 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 128.197 ng
RT: 16.375 min Scan# 2227
Delta R.T. -0.003 min
Lab File: BG056565.D
Acq: 7 Feb 2023 13:04

Tgt Ion:330 Resp: 174309
Ion Ratio Lower Upper
330 100
332 96.4 79.0 118.6
141 30.1 24.2 36.4





#45

2-Fluorobiphenyl

Concen: 79.160 ng

RT: 13.514 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG056565.D

Acq: 7 Feb 2023 13:04

Instrument :

BNA_G

ClientSampleId :

PB150708BL

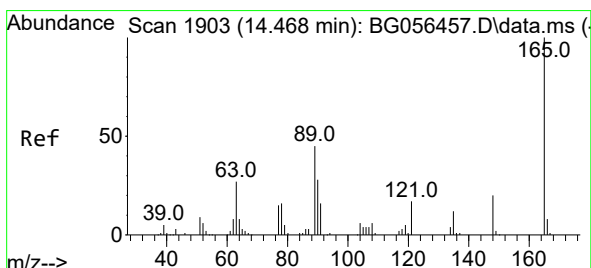
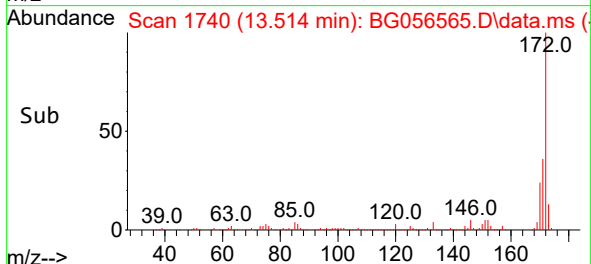
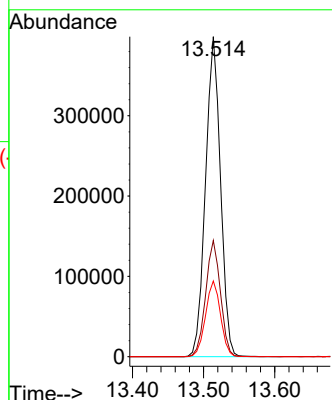
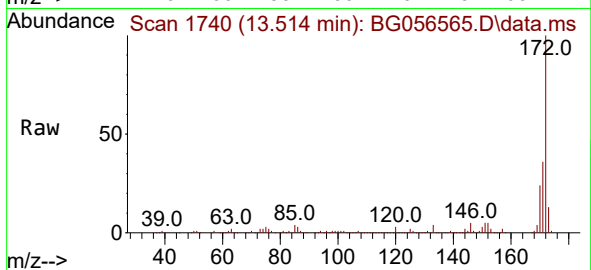
Tgt Ion:172 Resp: 583962

Ion Ratio Lower Upper

172 100

171 36.3 29.5 44.3

170 23.6 19.2 28.8



#51

2,6-Dinitrotoluene

Concen: 7.673 ng

RT: 14.889 min Scan# 1974

Delta R.T. 0.426 min

Lab File: BG056565.D

Acq: 7 Feb 2023 13:04

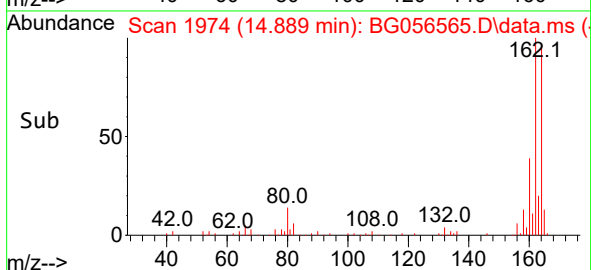
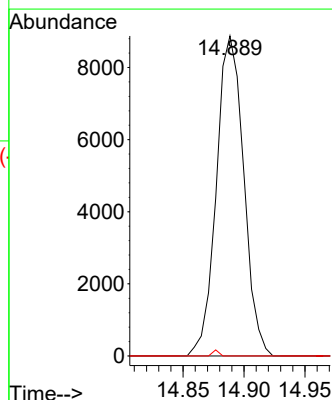
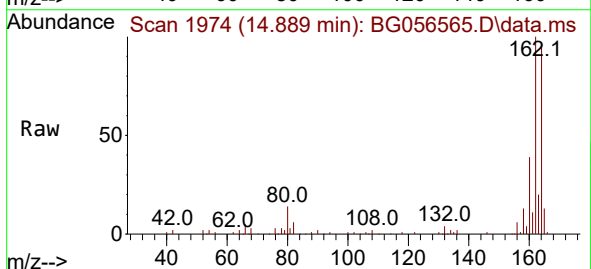
Tgt Ion:165 Resp: 13846

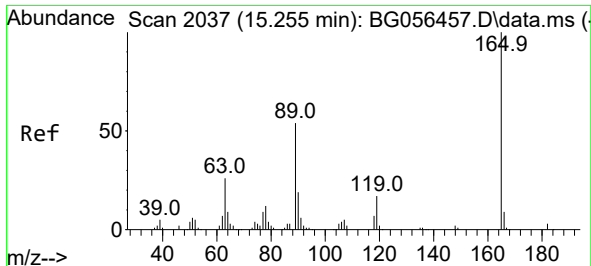
Ion Ratio Lower Upper

165 100

63 0.0 26.9 40.3#

89 0.0 35.6 53.4#





#57

2,4-Dinitrotoluene

Concen: 5.448 ng

RT: 14.889 min Scan# 1974

Delta R.T. -0.361 min

Lab File: BG056565.D

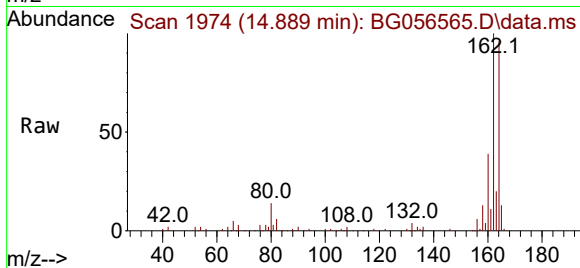
Acq: 7 Feb 2023 13:04

Instrument :

BNA_G

ClientSampleId :

PB150708BL



Tgt Ion:165 Resp: 13846

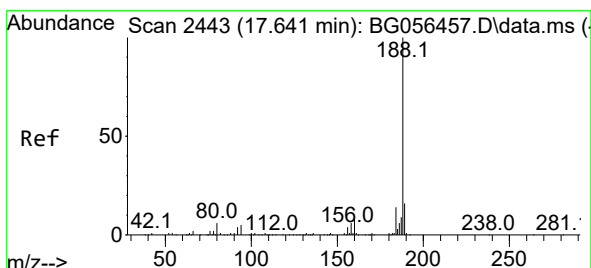
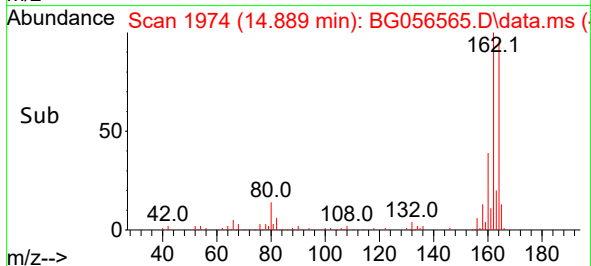
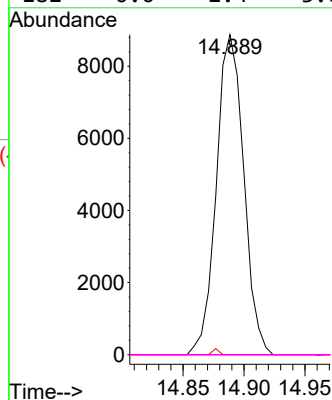
Ion Ratio Lower Upper

165 100

63 0.0 20.6 31.0#

89 0.0 43.1 64.7#

182 0.0 2.4 3.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.626 min Scan# 2440

Delta R.T. -0.003 min

Lab File: BG056565.D

Acq: 7 Feb 2023 13:04

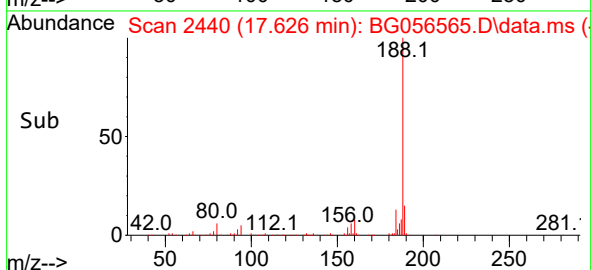
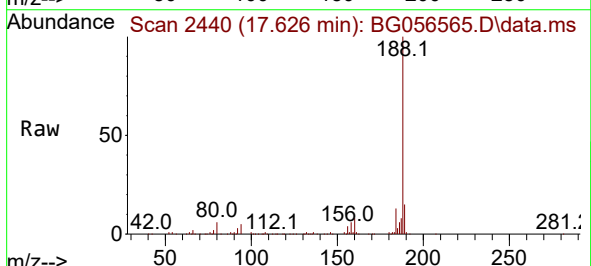
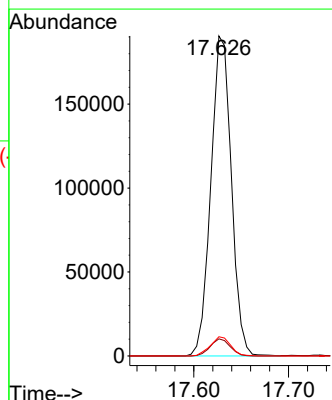
Tgt Ion:188 Resp: 285762

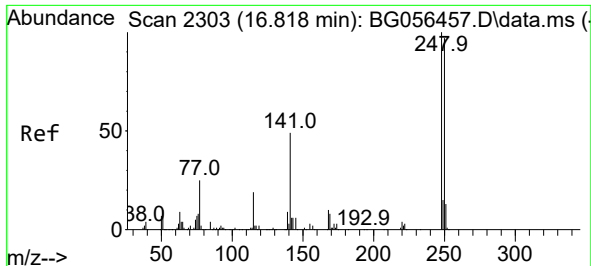
Ion Ratio Lower Upper

188 100

94 5.3 4.1 6.1

80 6.0 5.0 7.4

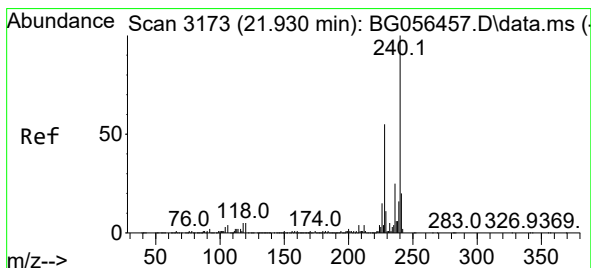
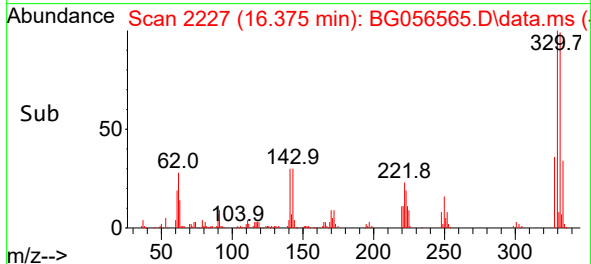
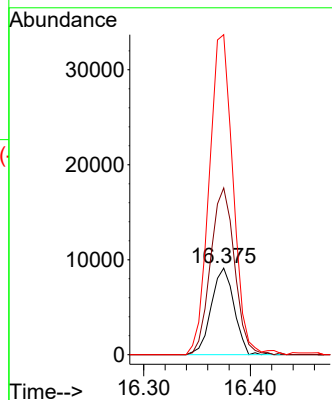
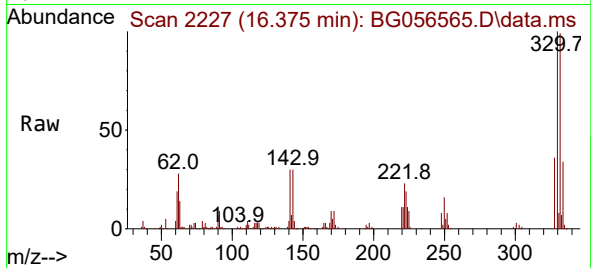




#67
4-Bromophenyl-phenylether
Concen: 3.708 ng
RT: 16.375 min Scan# 21
Delta R.T. -0.431 min
Lab File: BG056565.D
Acq: 7 Feb 2023 13:04

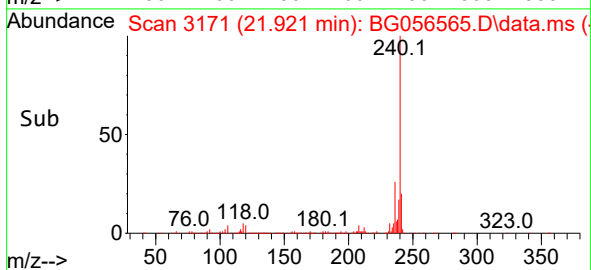
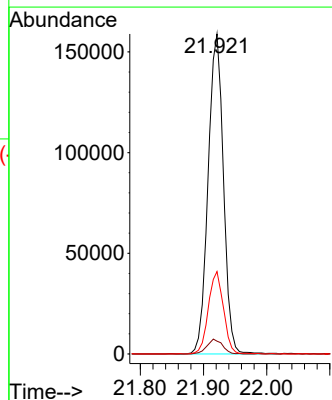
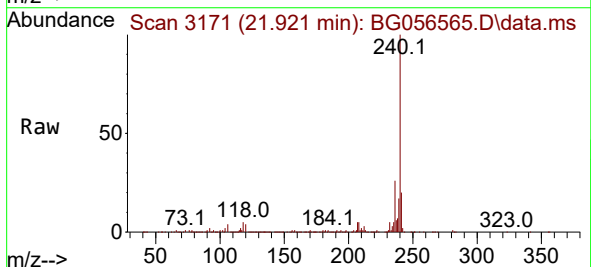
Instrument :
BNA_G
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PB150708BL

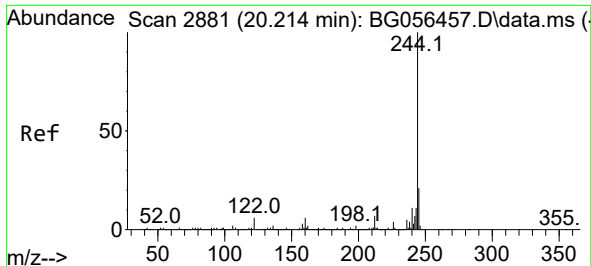
Tgt Ion:248 Resp: 13563
Ion Ratio Lower Upper
248 100
250 192.4 77.6 116.4#
141 369.4 39.0 58.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.921 min Scan# 3171
Delta R.T. -0.003 min
Lab File: BG056565.D
Acq: 7 Feb 2023 13:04

Tgt Ion:240 Resp: 267709
Ion Ratio Lower Upper
240 100
120 4.0 3.8 5.8
236 25.8 20.2 30.2

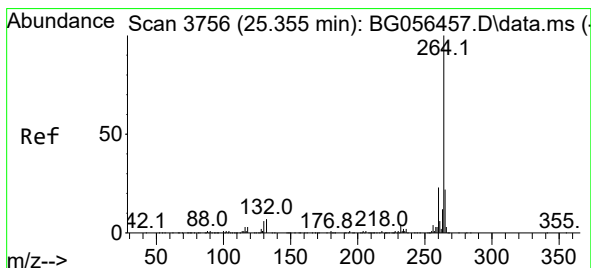
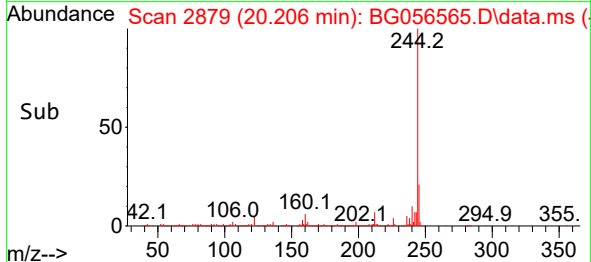
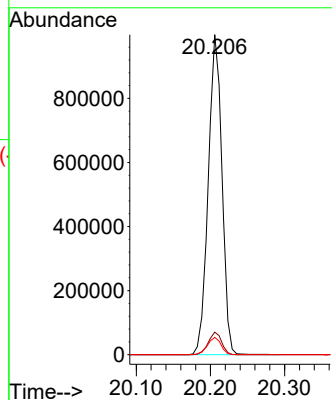
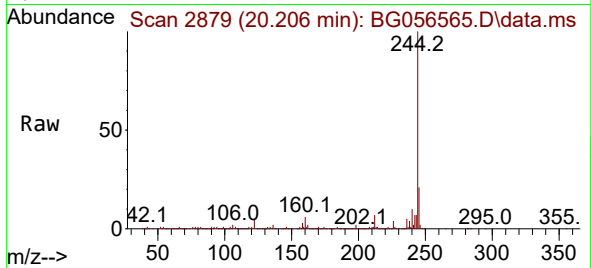




#79
 Terphenyl-d14
 Concen: 84.130 ng
 RT: 20.206 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG056565.D
 Acq: 7 Feb 2023 13:04

Instrument :
 BNA_G
 ClientSampleId :
 PB150708BL

Tgt Ion:244 Resp: 1282333
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.5 8.3
 122 5.4 4.4 6.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.341 min Scan# 3753
 Delta R.T. 0.003 min
 Lab File: BG056565.D
 Acq: 7 Feb 2023 13:04

Tgt Ion:264 Resp: 288256
 Ion Ratio Lower Upper
 264 100
 260 24.7 18.2 27.4
 265 22.5 18.1 27.1

