

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040623\
 Data File : BG057013.D
 Acq On : 6 Apr 2023 15:30
 Operator : CG/JU
 Sample : 02209-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PSC-124055

Quant Time: Apr 07 01:37:26 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 07 01:33:41 2023
 Response via : Initial Calibration

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

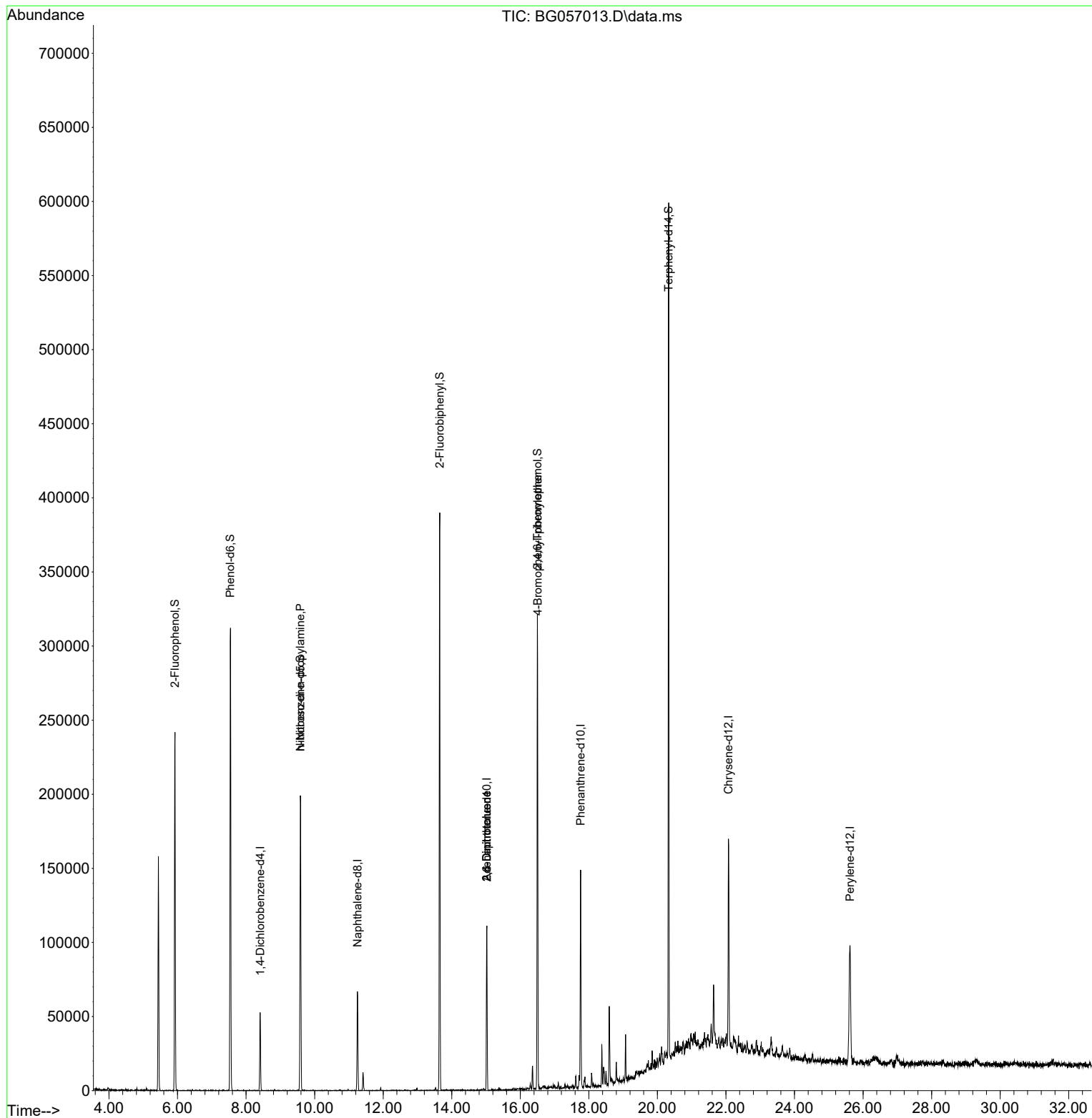
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.415	152	14807	20.000	ng	0.00
21) Naphthalene-d8	11.246	136	56198	20.000	ng	0.00
39) Acenaphthene-d10	15.023	164	40848	20.000	ng	0.00
64) Phenanthrene-d10	17.761	188	93107	20.000	ng	0.00
76) Chrysene-d12	22.073	240	90106	20.000	ng	-0.02
86) Perylene-d12	25.621	264	99944	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.924	112	100946	109.110	ng	0.00
7) Phenol-d6	7.539	99	176374	127.464	ng	0.00
23) Nitrobenzene-d5	9.584	82	124350	90.539	ng	-0.01
42) 2,4,6-Tribromophenol	16.498	330	63559	97.399	ng	-0.01
45) 2-Fluorobiphenyl	13.649	172	196537	65.243	ng	0.00
79) Terphenyl-d14	20.328	244	284654	53.457	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.584	70	17767	17.951	ng	# 85
51) 2,6-Dinitrotoluene	15.023	165	5256	7.558	ng	# 18
57) 2,4-Dinitrotoluene	15.023	165	5256	5.359	ng	# 18
67) 4-Bromophenyl-phenylether	16.504	248	4182	3.630	ng	# 1

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

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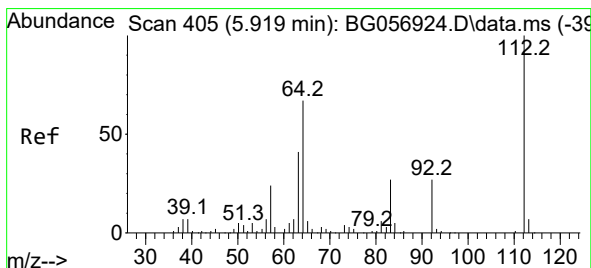
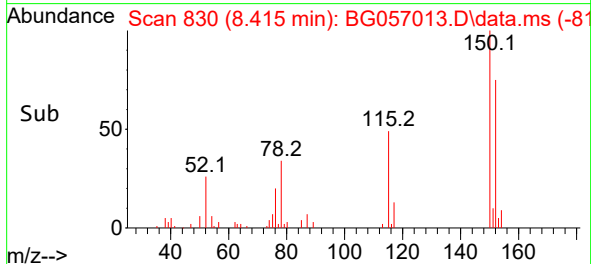
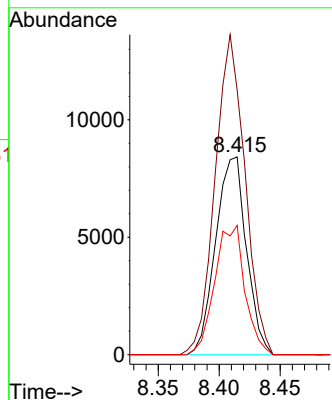
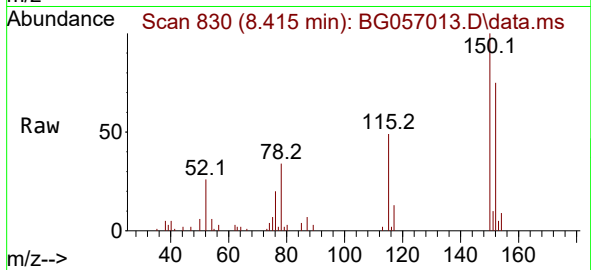




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.415 min Scan# 81
Delta R.T. 0.002 min
Lab File: BG057013.D
Acq: 6 Apr 2023 15:30

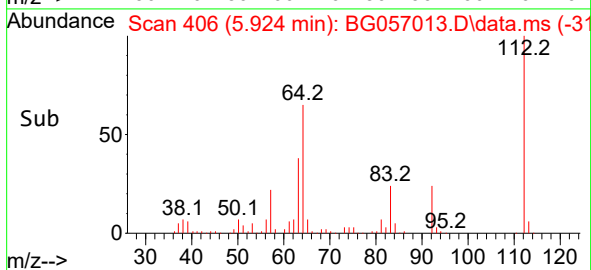
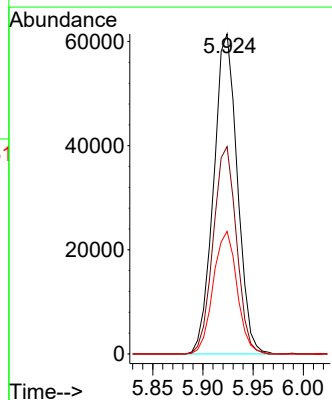
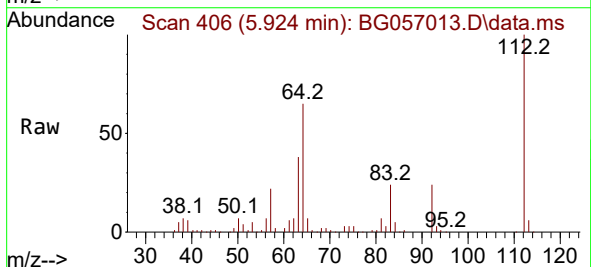
Instrument :
BNA_G
ClientSampleId :
PSC-124055

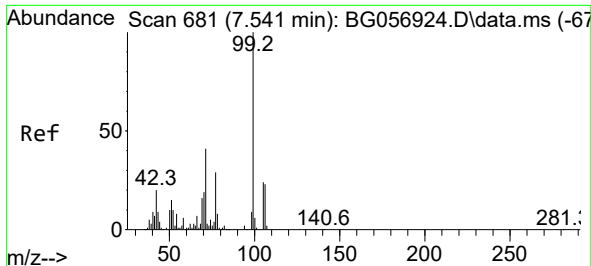
Tgt Ion:152 Resp: 14807
Ion Ratio Lower Upper
152 100
150 133.8 124.1 186.1
115 65.4 49.1 73.7



#5
2-Fluorophenol
Concen: 109.110 ng
RT: 5.924 min Scan# 406
Delta R.T. 0.008 min
Lab File: BG057013.D
Acq: 6 Apr 2023 15:30

Tgt Ion:112 Resp: 100946
Ion Ratio Lower Upper
112 100
64 64.8 53.2 79.8
63 38.3 32.6 48.8

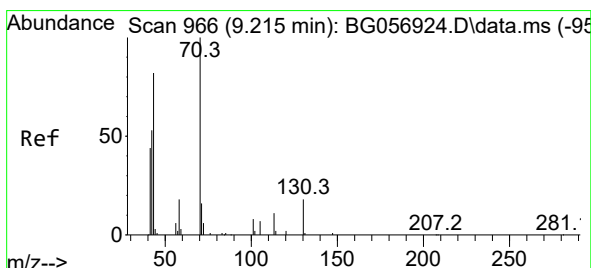
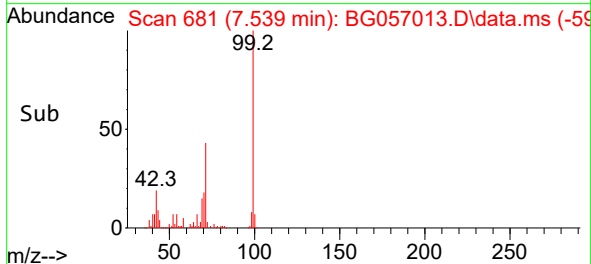
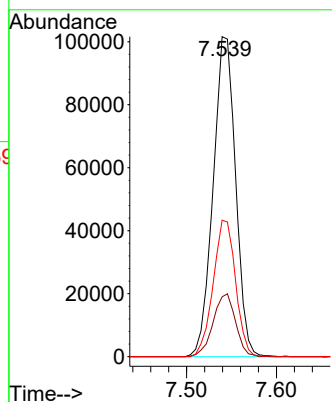
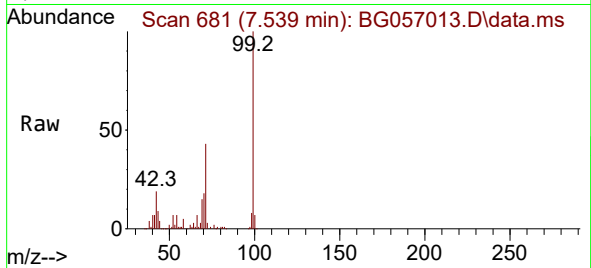




#7
Phenol-d6
Concen: 127.464 ng
RT: 7.539 min Scan# 61
Delta R.T. -0.004 min
Lab File: BG057013.D
Acq: 6 Apr 2023 15:30

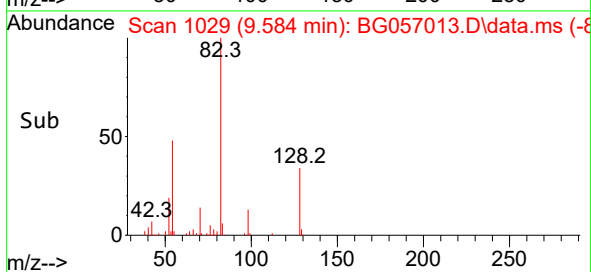
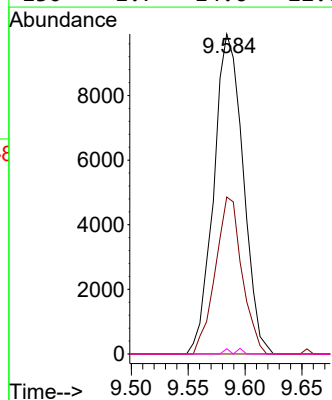
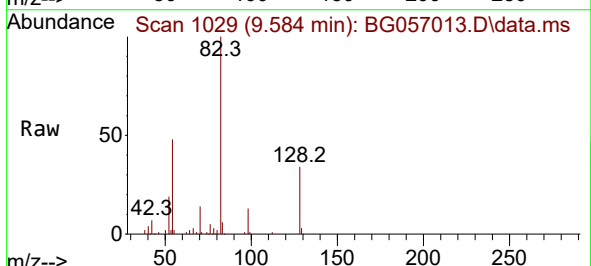
Instrument :
BNA_G
ClientSampleId :
PSC-124055

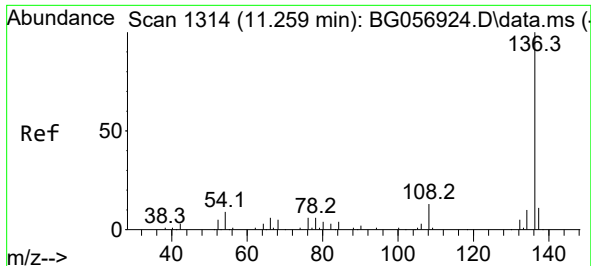
Tgt Ion: 99 Resp: 176374
Ion Ratio Lower Upper
99 100
42 18.7 15.7 23.5
71 42.7 32.5 48.7



#19
n-Nitroso-di-n-propylamine
Concen: 17.951 ng
RT: 9.584 min Scan# 1029
Delta R.T. 0.372 min
Lab File: BG057013.D
Acq: 6 Apr 2023 15:30

Tgt Ion: 70 Resp: 17767
Ion Ratio Lower Upper
70 100
42 49.0 43.4 65.0
101 0.0 6.2 9.2#
130 1.7 14.6 22.0#

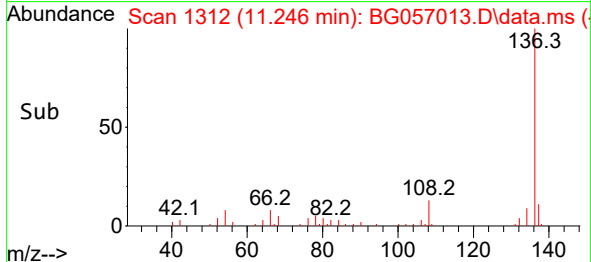
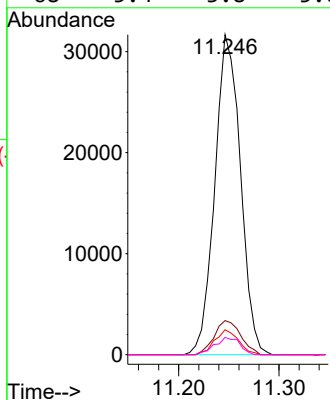
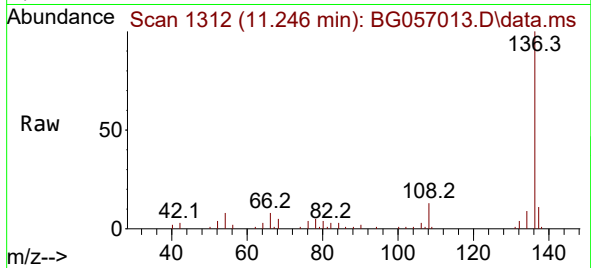




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.246 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG057013.D
Acq: 6 Apr 2023 15:30

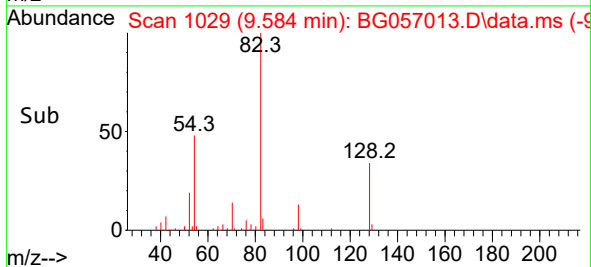
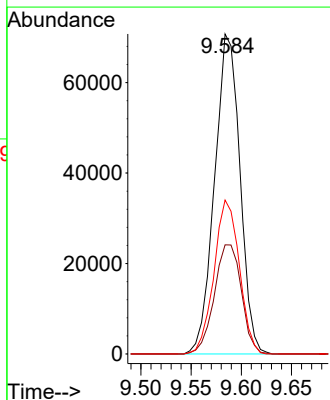
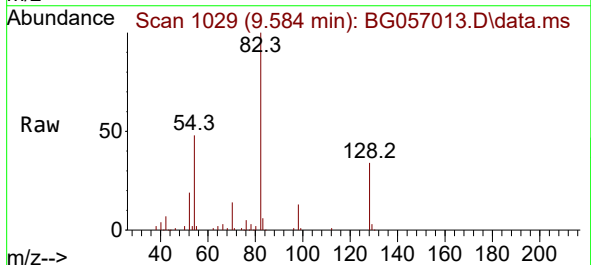
Instrument :
BNA_G
ClientSampleId :
PSC-124055

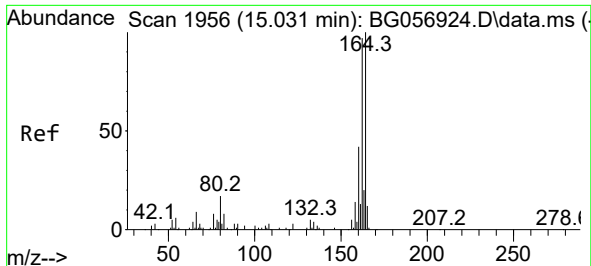
Tgt Ion:136	Resp:	56198
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.6 13.0
54	7.8	6.9 10.3
68	5.4	3.8 5.6



#23
Nitrobenzene-d5
Concen: 90.539 ng
RT: 9.584 min Scan# 1029
Delta R.T. -0.010 min
Lab File: BG057013.D
Acq: 6 Apr 2023 15:30

Tgt Ion: 82	Resp:	124350
Ion Ratio	Lower	Upper
82	100	
128	34.1	27.9 41.9
54	48.1	39.4 59.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.023 min Scan# 1955

Delta R.T. -0.004 min

Lab File: BG057013.D

Acq: 6 Apr 2023 15:30

Instrument :

BNA_G

ClientSampleId :

PSC-124055

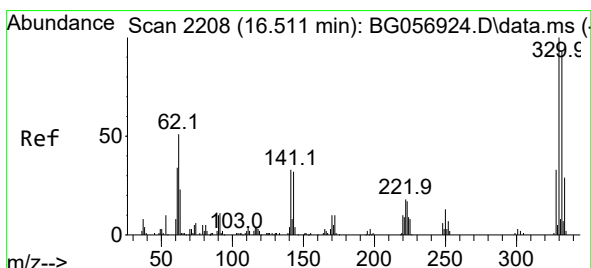
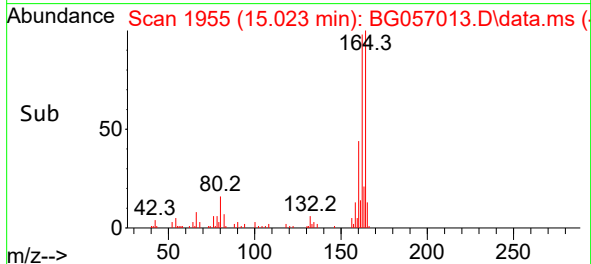
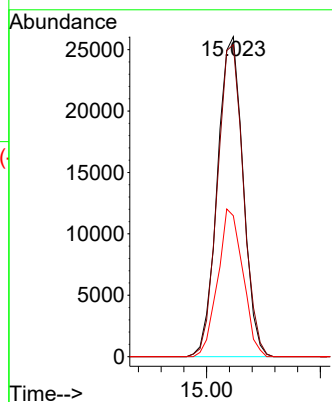
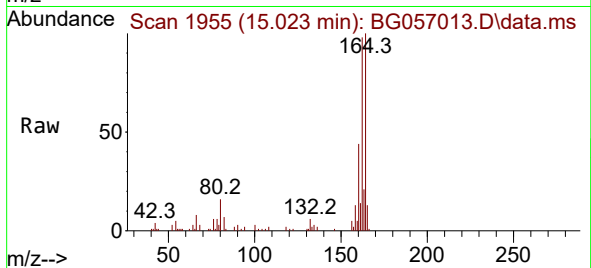
Tgt Ion:164 Resp: 40848

Ion Ratio Lower Upper

164 100

162 97.5 77.8 116.8

160 44.1 33.5 50.3



#42

2,4,6-Tribromophenol

Concen: 97.399 ng

RT: 16.498 min Scan# 2206

Delta R.T. -0.010 min

Lab File: BG057013.D

Acq: 6 Apr 2023 15:30

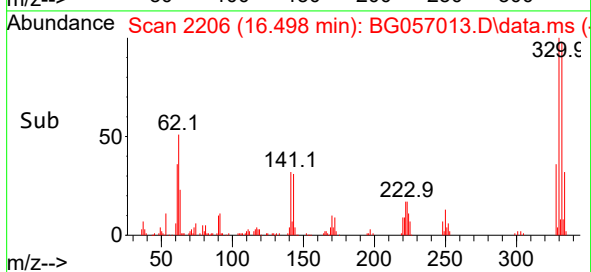
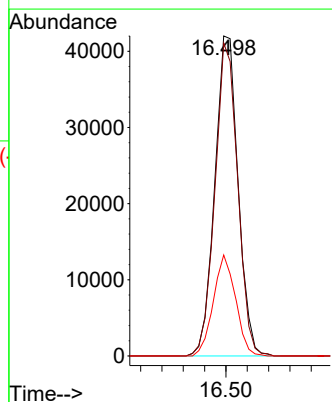
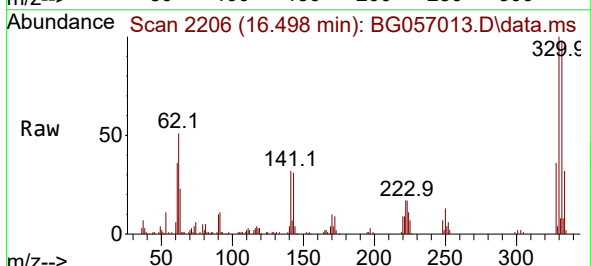
Tgt Ion:330 Resp: 63559

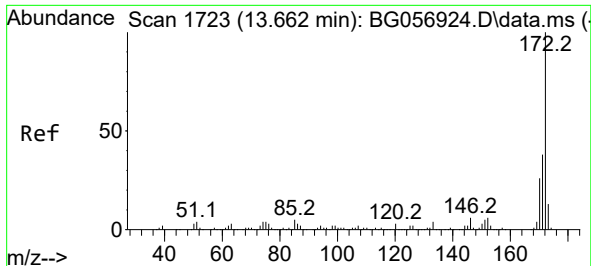
Ion Ratio Lower Upper

330 100

332 95.4 76.1 114.1

141 30.1 25.8 38.6

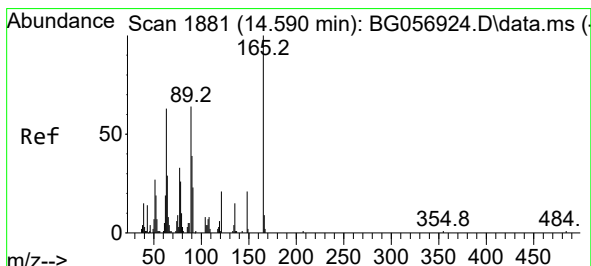
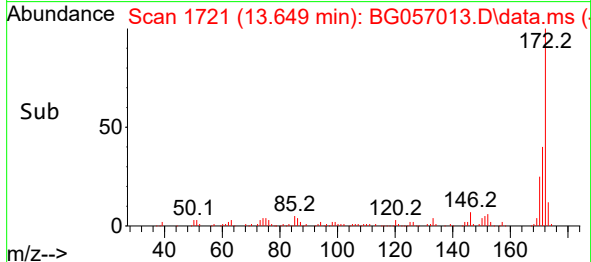
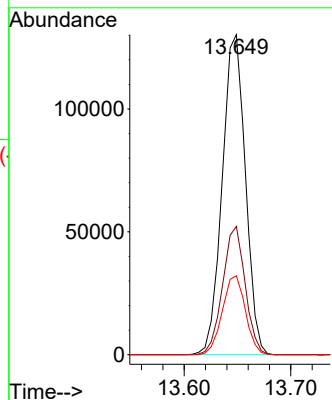
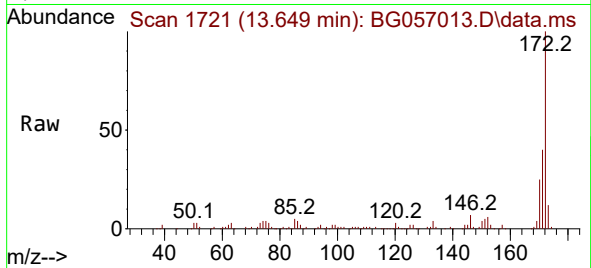




#45
2-Fluorobiphenyl
Concen: 65.243 ng
RT: 13.649 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG057013.D
Acq: 6 Apr 2023 15:30

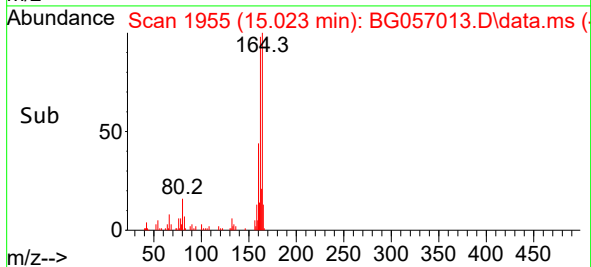
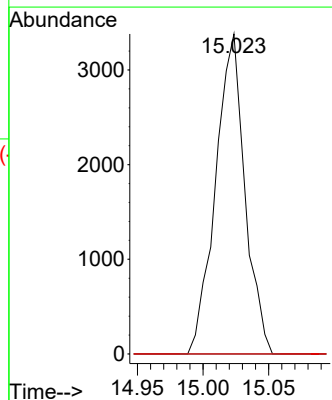
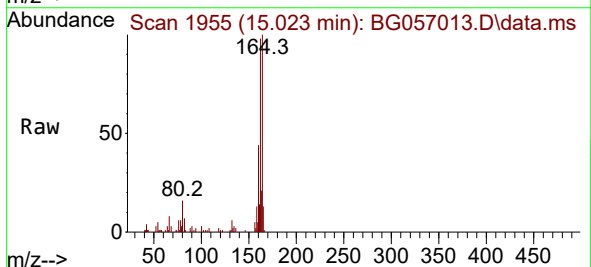
Instrument :
BNA_G
ClientSampleId :
PSC-124055

Tgt Ion:172 Resp: 196537
Ion Ratio Lower Upper
172 100
171 40.1 30.6 46.0
170 24.6 20.6 30.8



#51
2,6-Dinitrotoluene
Concen: 7.558 ng
RT: 15.023 min Scan# 1955
Delta R.T. 0.436 min
Lab File: BG057013.D
Acq: 6 Apr 2023 15:30

Tgt Ion:165 Resp: 5256
Ion Ratio Lower Upper
165 100
63 0.0 53.0 79.6#
89 0.0 51.0 76.4#





#57

2,4-Dinitrotoluene

Concen: 5.359 ng

RT: 15.023 min Scan# 1955

Delta R.T. -0.351 min

Lab File: BG057013.D

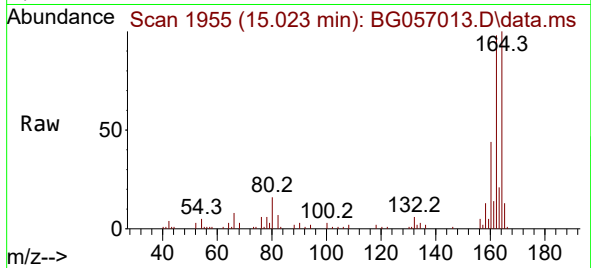
Acq: 6 Apr 2023 15:30

Instrument :

BNA_G

ClientSampleId :

PSC-124055



Tgt Ion:165 Resp: 5256

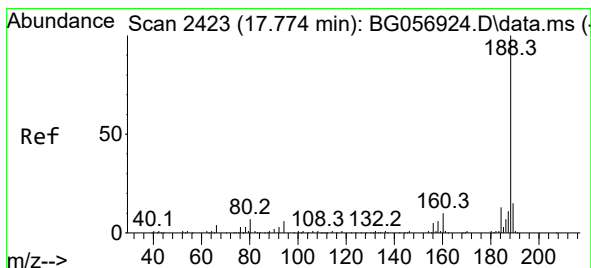
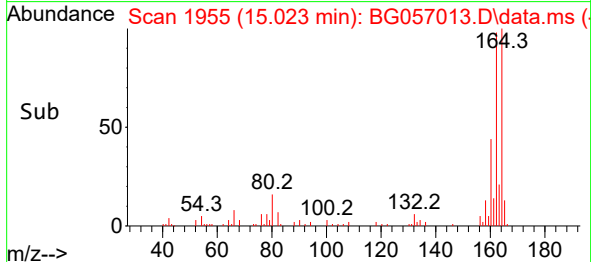
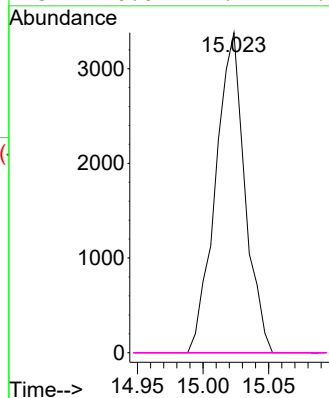
Ion Ratio Lower Upper

165 100

63 0.0 37.7 56.5#

89 0.0 63.2 94.8#

182 0.0 1.7 2.5#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.761 min Scan# 2421

Delta R.T. -0.004 min

Lab File: BG057013.D

Acq: 6 Apr 2023 15:30

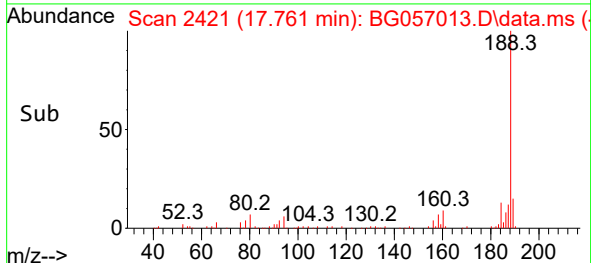
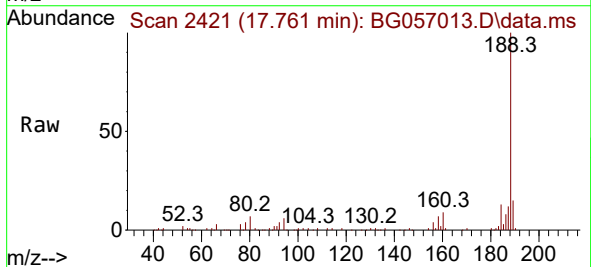
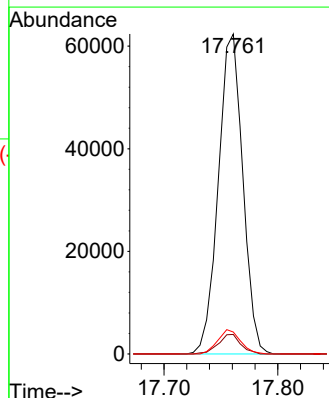
Tgt Ion:188 Resp: 93107

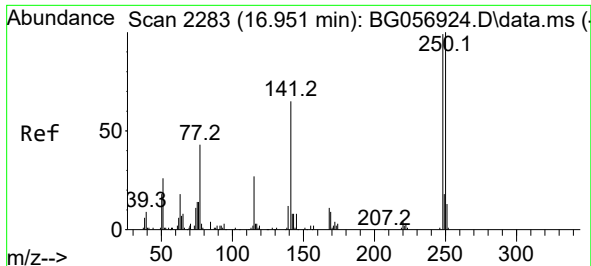
Ion Ratio Lower Upper

188 100

94 6.1 4.6 6.8

80 6.9 5.5 8.3

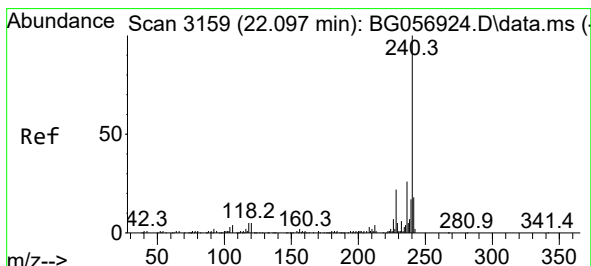
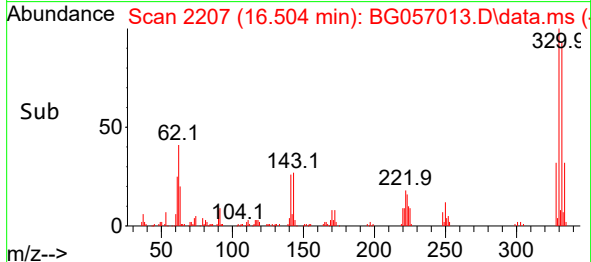
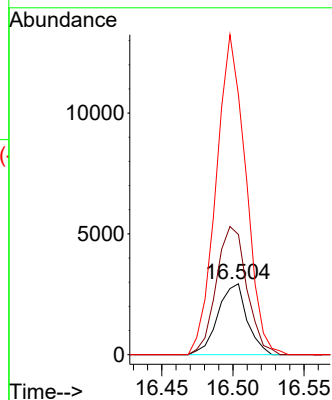
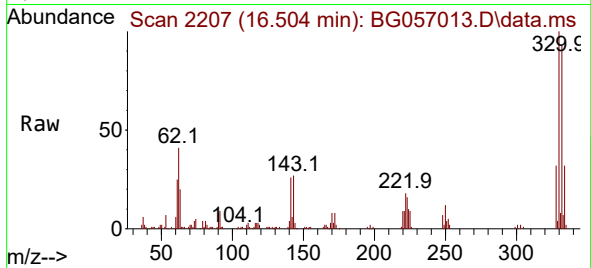




#67
4-Bromophenyl-phenylether
Concen: 3.630 ng
RT: 16.504 min Scan# 21
Delta R.T. -0.433 min
Lab File: BG057013.D
Acq: 6 Apr 2023 15:30

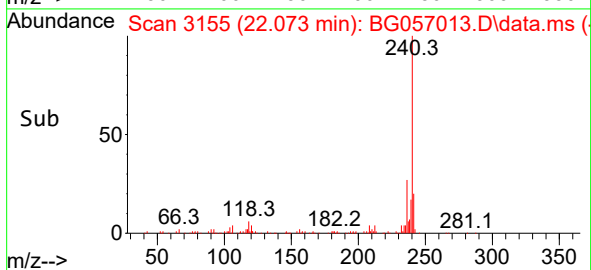
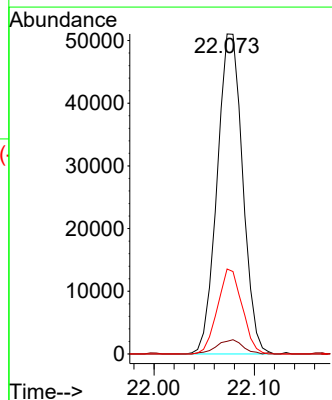
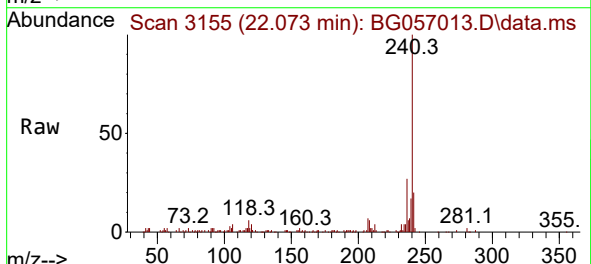
Instrument :
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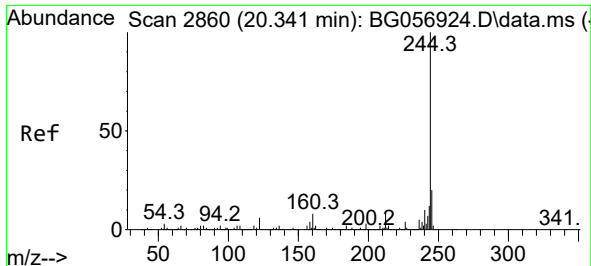
Tgt Ion:248 Resp: 4182
Ion Ratio Lower Upper
248 100
250 169.7 80.5 120.7#
141 366.7 52.0 78.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.073 min Scan# 3155
Delta R.T. -0.016 min
Lab File: BG057013.D
Acq: 6 Apr 2023 15:30

Tgt Ion:240 Resp: 90106
Ion Ratio Lower Upper
240 100
120 4.0 3.8 5.6
236 26.5 21.0 31.6

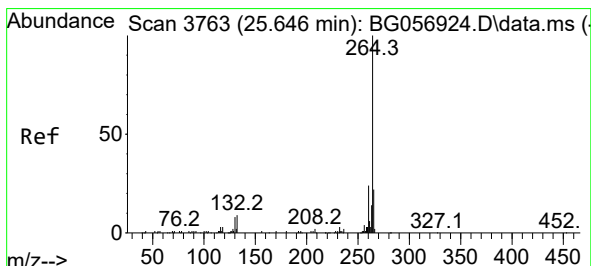
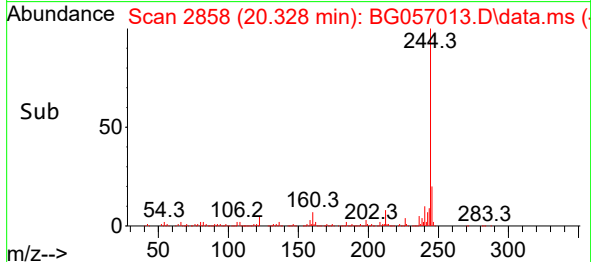
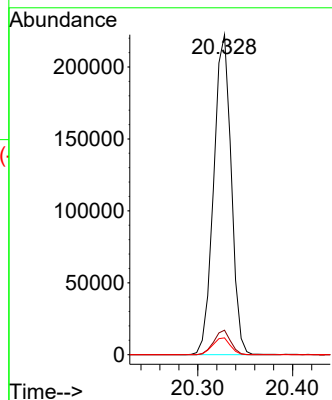
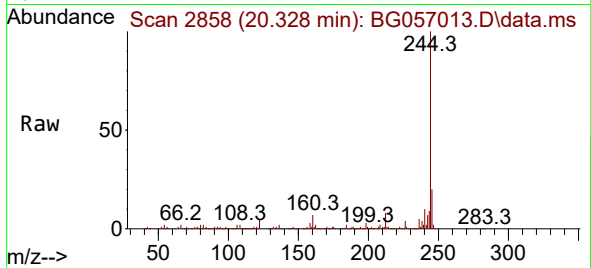




#79
 Terphenyl-d14
 Concen: 53.457 ng
 RT: 20.328 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BG057013.D
 Acq: 6 Apr 2023 15:30

Instrument :
 BNA_G
 ClientSampleId :
 PSC-124055

Tgt Ion:244 Resp: 284654
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.1 9.1
 122 5.2 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.621 min Scan# 3759
 Delta R.T. -0.004 min
 Lab File: BG057013.D
 Acq: 6 Apr 2023 15:30

Tgt Ion:264 Resp: 99944
 Ion Ratio Lower Upper
 264 100
 260 21.5 19.0 28.4
 265 21.5 17.8 26.6

