

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041023\
 Data File : BG057040.D
 Acq On : 10 Apr 2023 11:19
 Operator : CG/JU
 Sample : 02224-13
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OU3-FC-BACKFILL-07

Quant Time: Apr 11 04:11:44 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 08 04:45:47 2023
 Response via : Initial Calibration

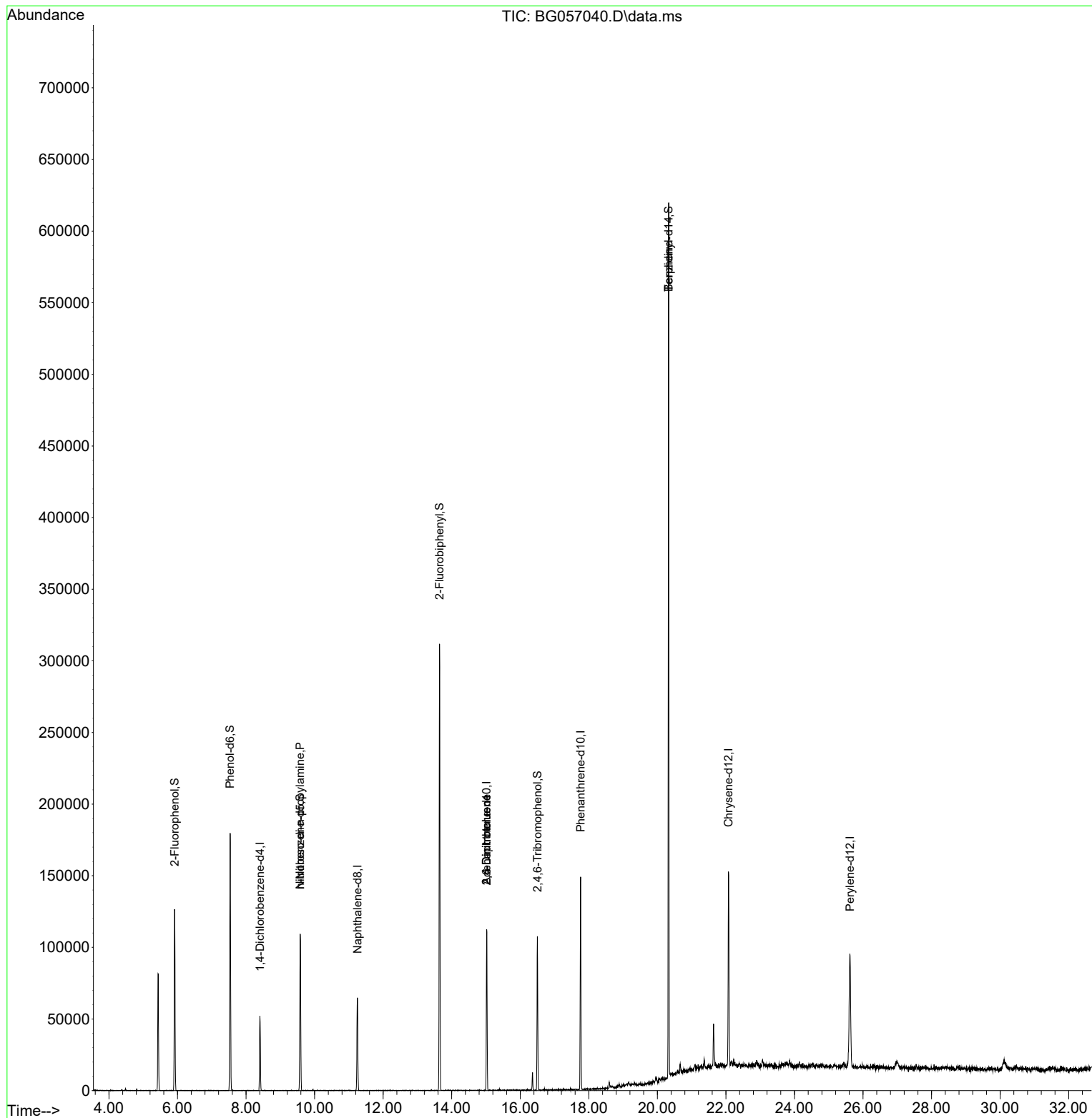
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.404	152	15095	20.000	ng	0.00
21) Naphthalene-d8	11.247	136	56591	20.000	ng	# 0.00
39) Acenaphthene-d10	15.019	164	40770	20.000	ng	0.00
64) Phenanthrene-d10	17.762	188	96637	20.000	ng	0.00
76) Chrysene-d12	22.074	240	85401	20.000	ng	0.00
86) Perylene-d12	25.622	264	95349	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.919	112	53571	56.799	ng	0.00
7) Phenol-d6	7.535	99	102476	72.645	ng	0.00
23) Nitrobenzene-d5	9.579	82	71148	51.443	ng	0.00
42) 2,4,6-Tribromophenol	16.499	330	22554	34.628	ng	0.00
45) 2-Fluorobiphenyl	13.644	172	166001	55.212	ng	0.00
79) Terphenyl-d14	20.329	244	302082	59.855	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.579	70	9551	9.466	ng	# 85
51) 2,6-Dinitrotoluene	15.019	165	5346	7.702	ng	# 18
57) 2,4-Dinitrotoluene	15.019	165	5346	5.461	ng	# 18
77) Benzidine	20.329	184	4858	2.081	ng	# 79

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Apr 08 04:45:47 2023
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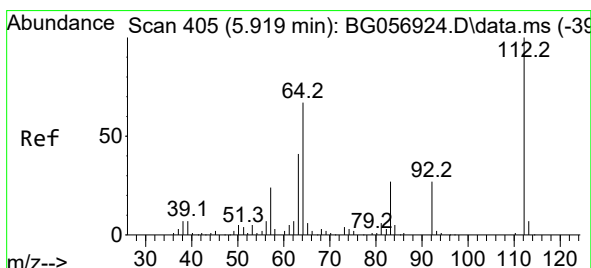
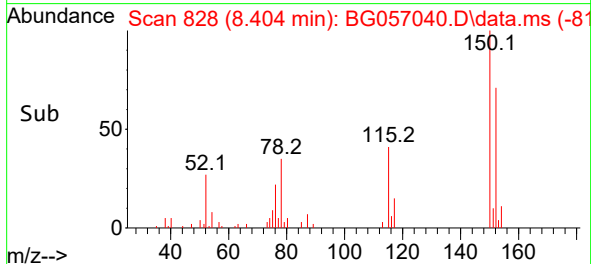
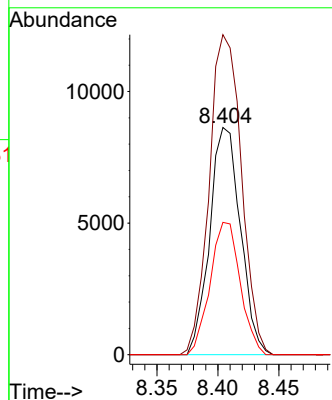
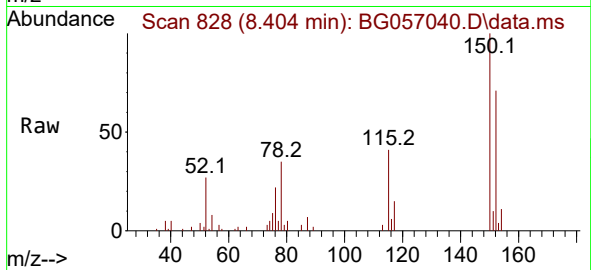




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.404 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG057040.D
Acq: 10 Apr 2023 11:19

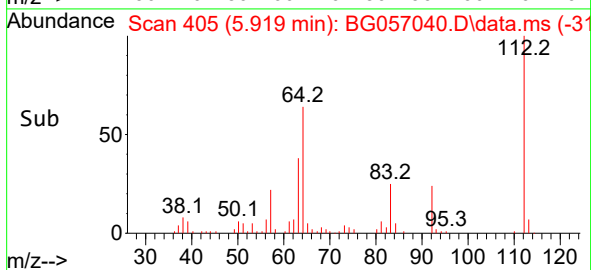
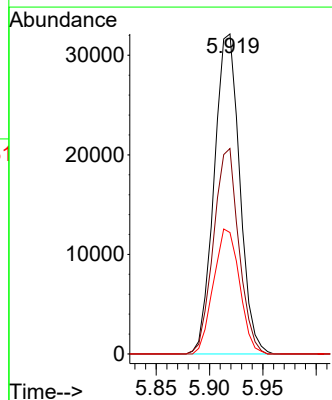
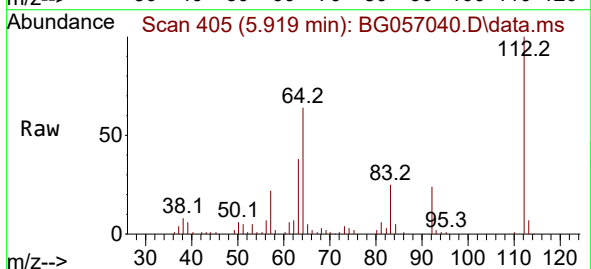
Instrument :
BNA_G
ClientSampleId :
OU3-FC-BACKFILL-07

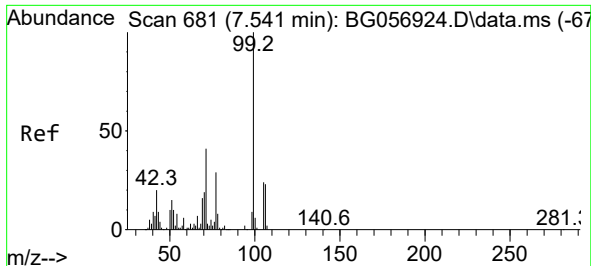
Tgt Ion:152 Resp: 15095
Ion Ratio Lower Upper
152 100
150 140.8 124.1 186.1
115 58.2 49.1 73.7



#5
2-Fluorophenol
Concen: 56.799 ng
RT: 5.919 min Scan# 405
Delta R.T. 0.002 min
Lab File: BG057040.D
Acq: 10 Apr 2023 11:19

Tgt Ion:112 Resp: 53571
Ion Ratio Lower Upper
112 100
64 64.2 53.2 79.8
63 38.0 32.6 48.8

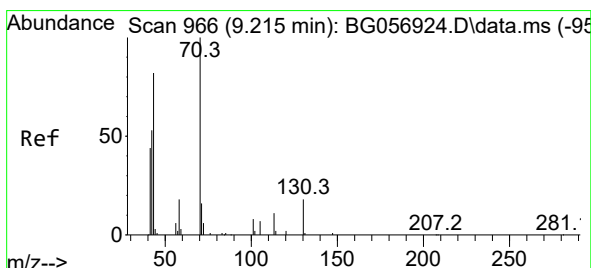
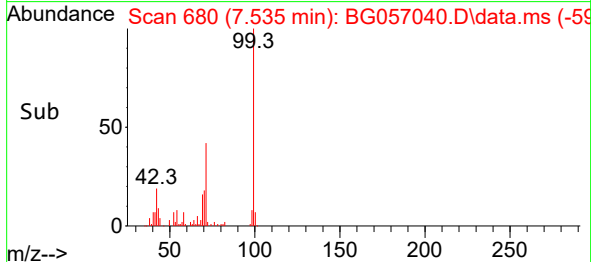
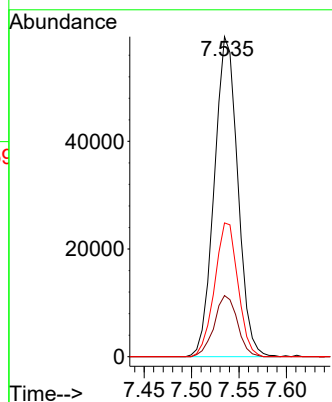
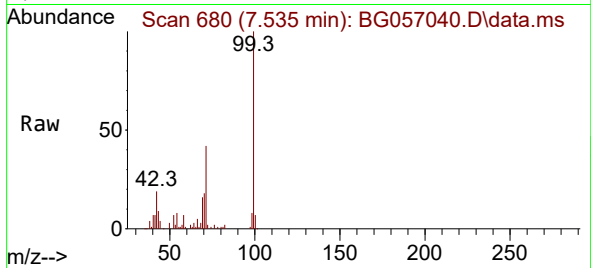




#7
Phenol-d6
Concen: 72.645 ng
RT: 7.535 min Scan# 61
Delta R.T. -0.004 min
Lab File: BG057040.D
Acq: 10 Apr 2023 11:19

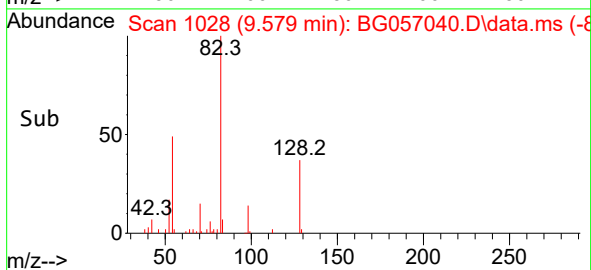
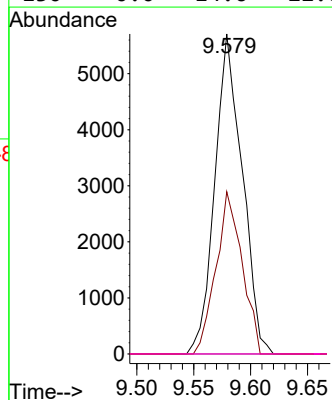
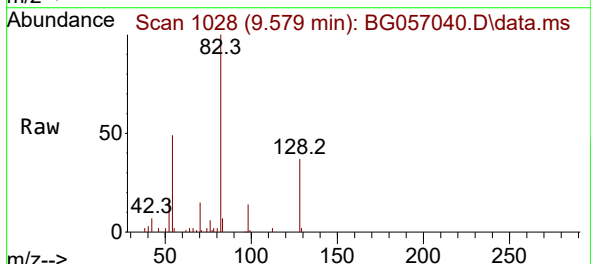
Instrument :
BNA_G
ClientSampleId :
OU3-FC-BACKFILL-07

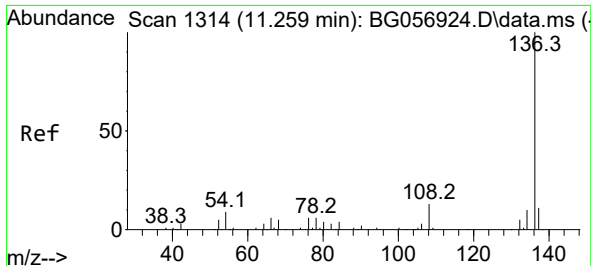
Tgt Ion: 99 Resp: 102476
Ion Ratio Lower Upper
99 100
42 19.1 15.7 23.5
71 41.8 32.5 48.7



#19
n-Nitroso-di-n-propylamine
Concen: 9.466 ng
RT: 9.579 min Scan# 1028
Delta R.T. 0.366 min
Lab File: BG057040.D
Acq: 10 Apr 2023 11:19

Tgt Ion: 70 Resp: 9551
Ion Ratio Lower Upper
70 100
42 50.7 43.4 65.0
101 0.0 6.2 9.2#
130 0.0 14.6 22.0#

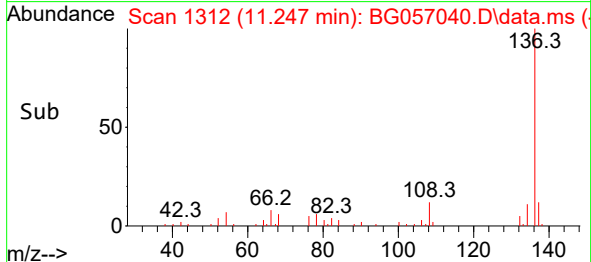
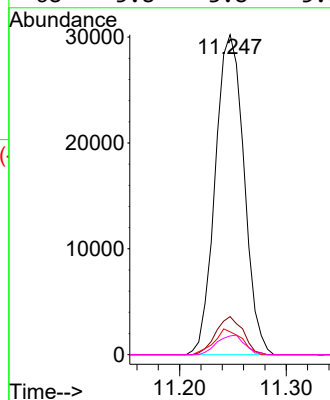
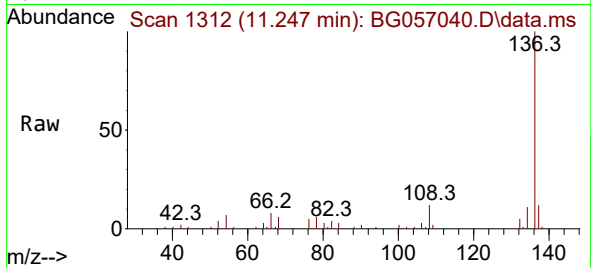




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.247 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG057040.D
Acq: 10 Apr 2023 11:19

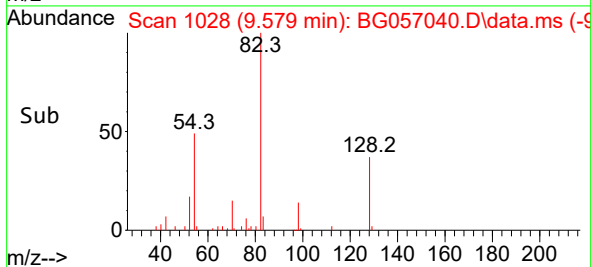
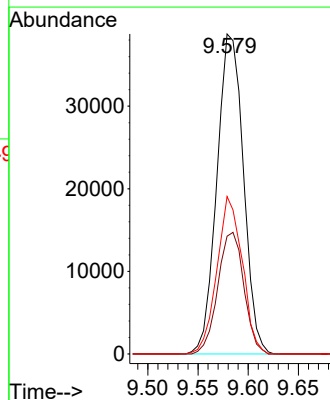
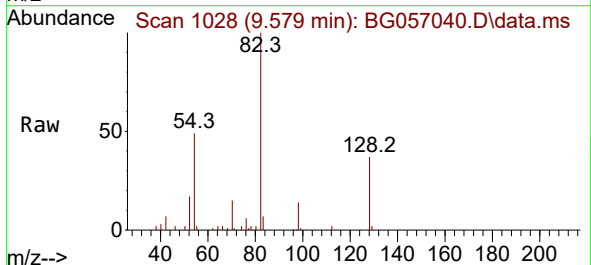
Instrument :
BNA_G
ClientSampleId :
OU3-FC-BACKFILL-07

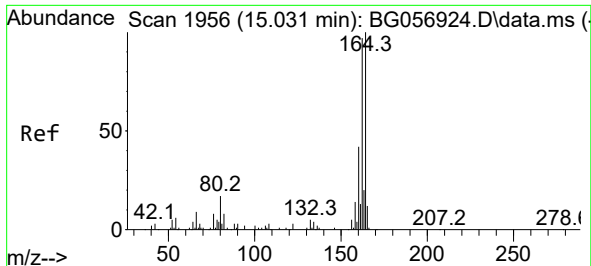
Tgt Ion:	136	Resp:	56591
Ion Ratio	Lower	Upper	
136	100		
137	11.9	8.6	13.0
54	7.2	6.9	10.3
68	5.8	3.8	5.6



#23
Nitrobenzene-d5
Concen: 51.443 ng
RT: 9.579 min Scan# 1028
Delta R.T. -0.009 min
Lab File: BG057040.D
Acq: 10 Apr 2023 11:19

Tgt Ion:	82	Resp:	71148
Ion Ratio	Lower	Upper	
82	100		
128	36.8	27.9	41.9
54	49.2	39.4	59.2

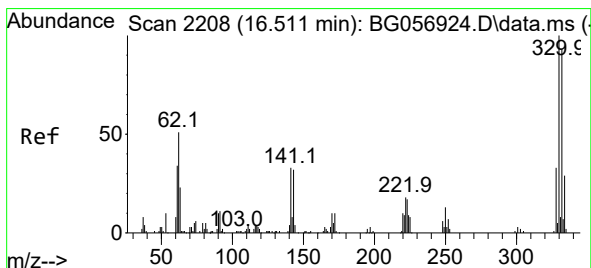
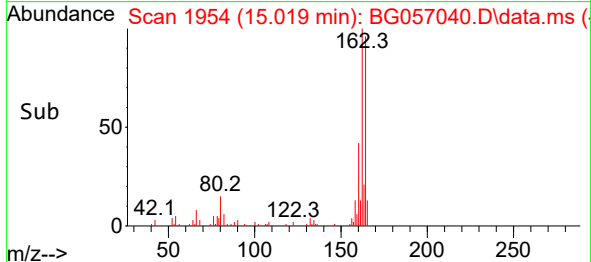
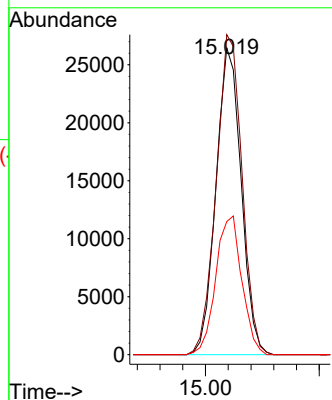
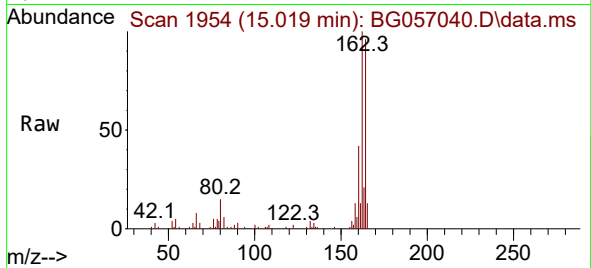




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.019 min Scan# 1954
Delta R.T. -0.004 min
Lab File: BG057040.D
Acq: 10 Apr 2023 11:19

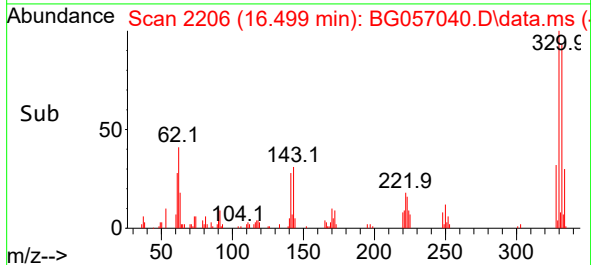
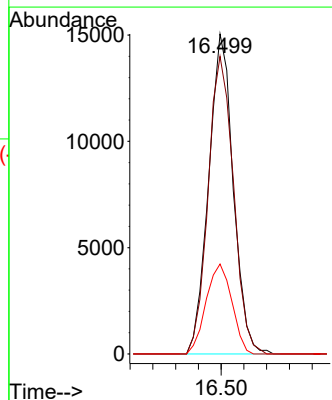
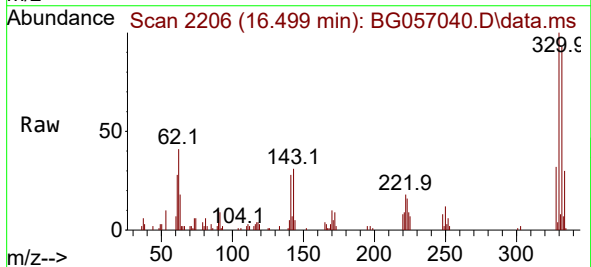
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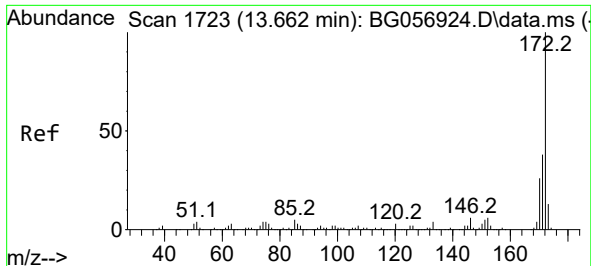
Tgt Ion:164 Resp: 40770
Ion Ratio Lower Upper
164 100
162 104.3 77.8 116.8
160 43.4 33.5 50.3



#42
2,4,6-Tribromophenol
Concen: 34.628 ng
RT: 16.499 min Scan# 2206
Delta R.T. -0.004 min
Lab File: BG057040.D
Acq: 10 Apr 2023 11:19

Tgt Ion:330 Resp: 22554
Ion Ratio Lower Upper
330 100
332 95.9 76.1 114.1
141 29.4 25.8 38.6

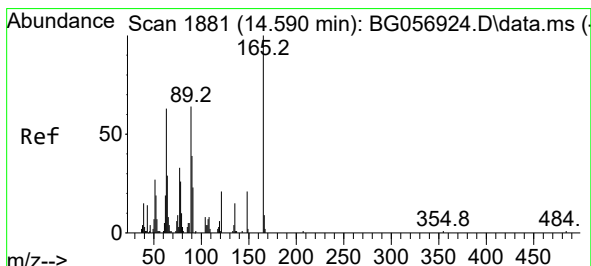
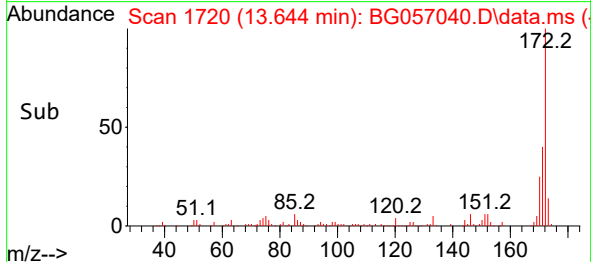
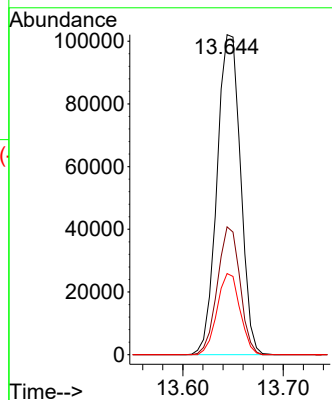
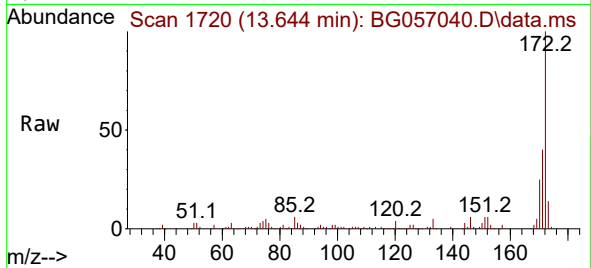




#45
2-Fluorobiphenyl
Concen: 55.212 ng
RT: 13.644 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG057040.D
Acq: 10 Apr 2023 11:19

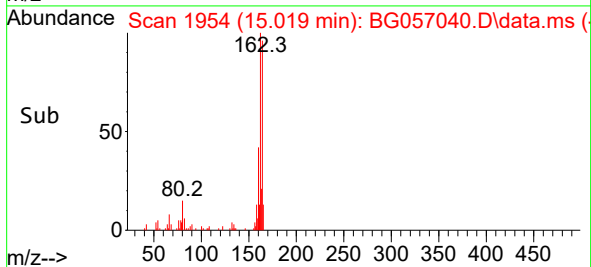
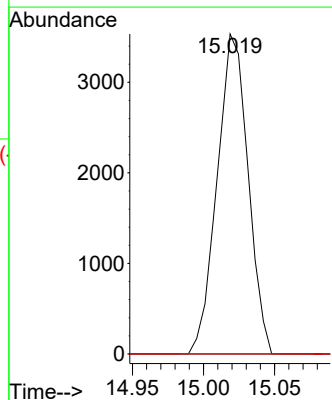
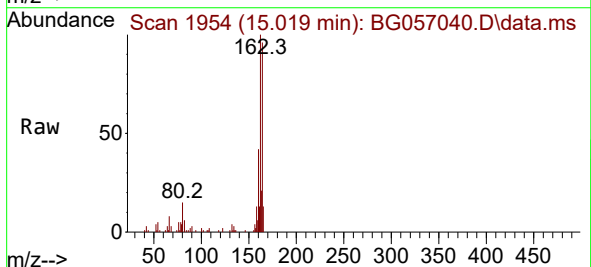
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ClientSampleId :
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Tgt Ion:172 Resp: 166001
Ion Ratio Lower Upper
172 100
171 39.9 30.6 46.0
170 25.3 20.6 30.8



#51
2,6-Dinitrotoluene
Concen: 7.702 ng
RT: 15.019 min Scan# 1954
Delta R.T. 0.431 min
Lab File: BG057040.D
Acq: 10 Apr 2023 11:19

Tgt Ion:165 Resp: 5346
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: 5.461 ng

RT: 15.019 min Scan# 1954

Delta R.T. -0.350 min

Lab File: BG057040.D

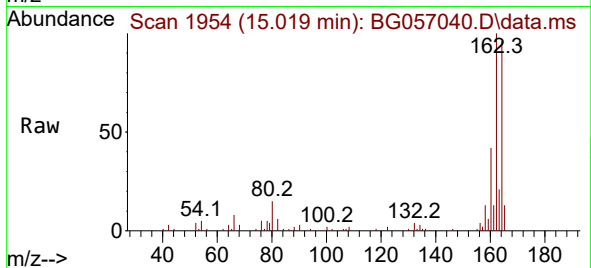
Acq: 10 Apr 2023 11:19

Instrument :

BNA_G

ClientSampleId :

OU3-FC-BACKFILL-07



Tgt Ion:165 Resp: 5346

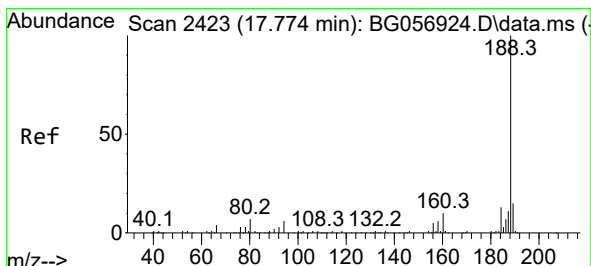
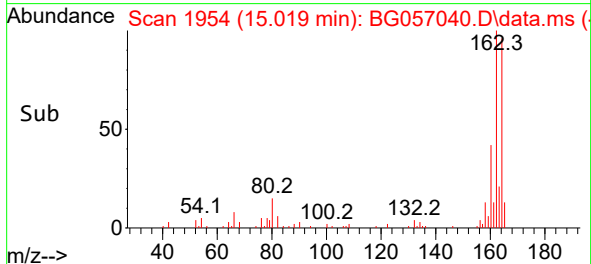
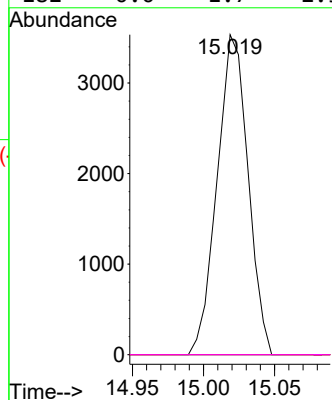
Ion Ratio Lower Upper

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: 17.762 min Scan# 2421

Delta R.T. 0.002 min

Lab File: BG057040.D

Acq: 10 Apr 2023 11:19

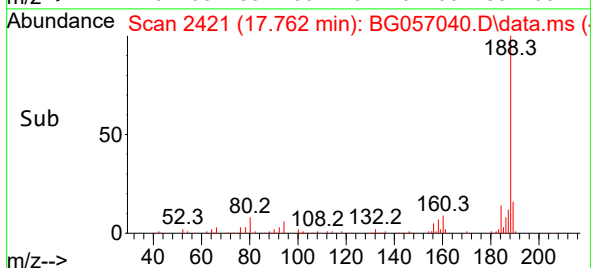
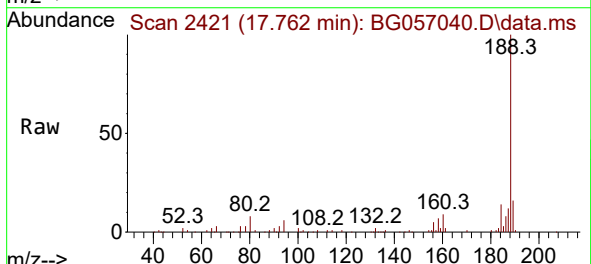
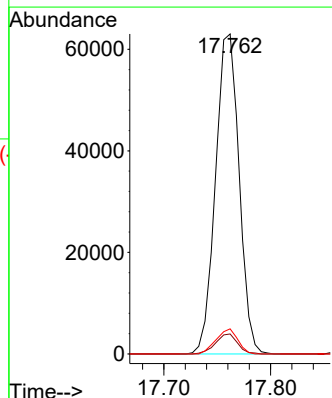
Tgt Ion:188 Resp: 96637

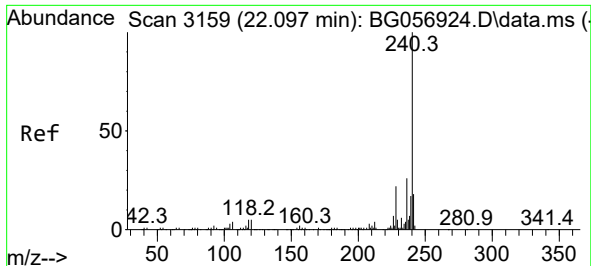
Ion Ratio Lower Upper

188 100

94 6.2 4.6 6.8

80 7.9 5.5 8.3

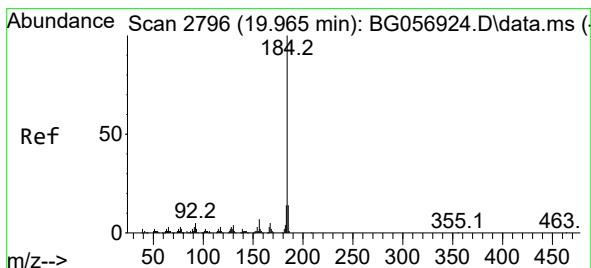
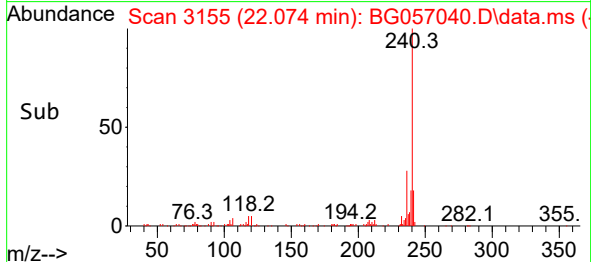
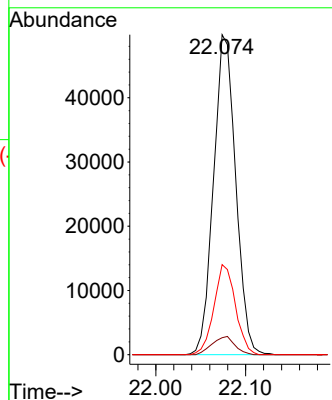
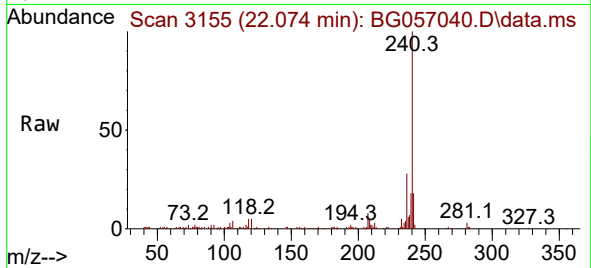




#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.074 min Scan# 3155
Delta R.T. -0.009 min
Lab File: BG057040.D
Acq: 10 Apr 2023 11:19

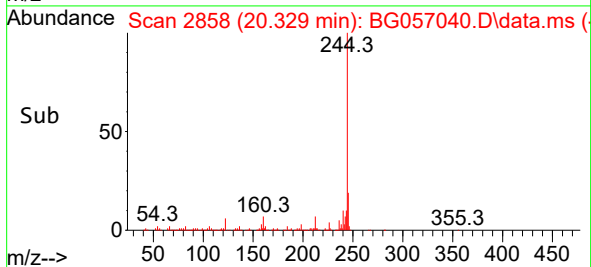
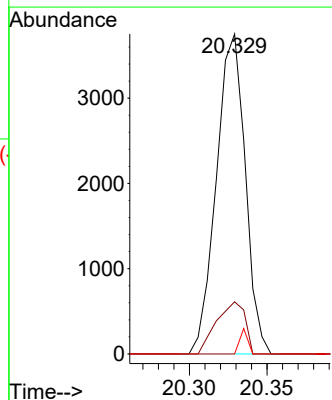
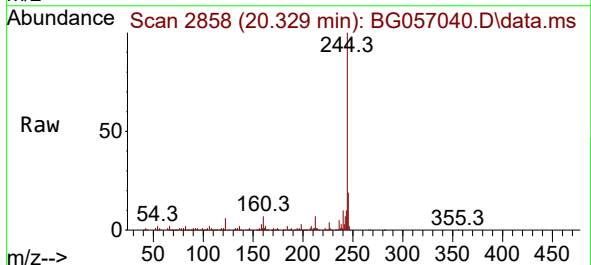
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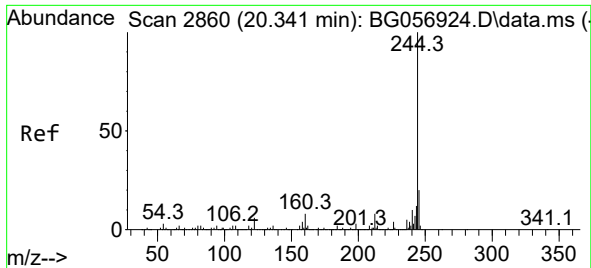
Tgt Ion:240 Resp: 85401
Ion Ratio Lower Upper
240 100
120 5.3 3.8 5.6
236 28.2 21.0 31.6



#77
Benzidine
Concen: 2.081 ng
RT: 20.329 min Scan# 2858
Delta R.T. 0.378 min
Lab File: BG057040.D
Acq: 10 Apr 2023 11:19

Tgt Ion:184 Resp: 4858
Ion Ratio Lower Upper
184 100
185 16.3 11.0 16.4
183 0.0 11.4 17.0#

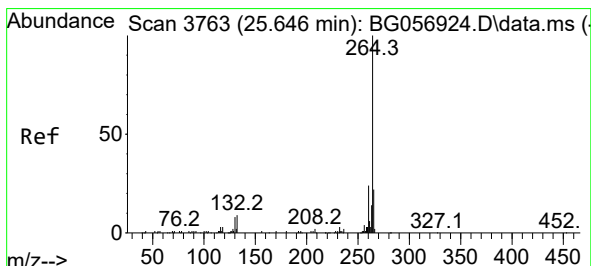
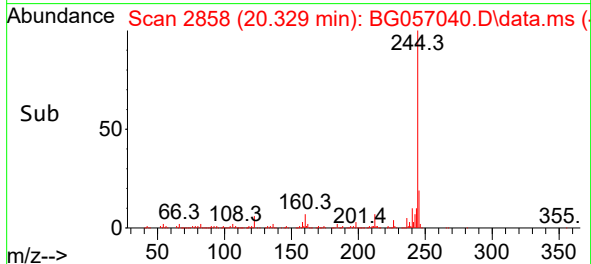
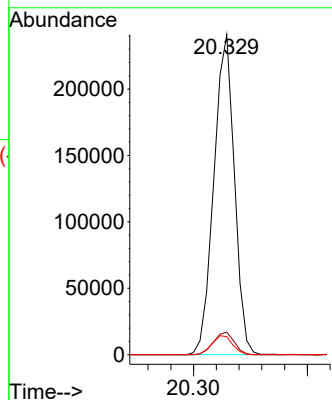
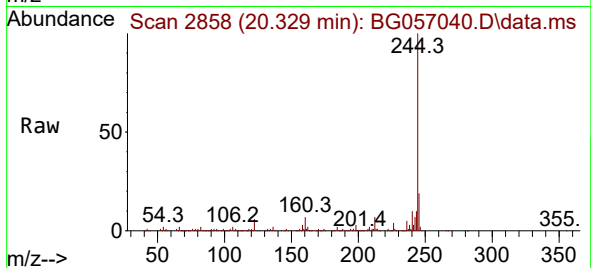




#79
 Terphenyl-d14
 Concen: 59.855 ng
 RT: 20.329 min Scan# 21
 Delta R.T. 0.002 min
 Lab File: BG057040.D
 Acq: 10 Apr 2023 11:19

Instrument :
 BNA_G
 ClientSampleId :
 OU3-FC-BACKFILL-07

Tgt Ion:244 Resp: 302082
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.1 9.1
 122 5.6 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.622 min Scan# 3759
 Delta R.T. -0.009 min
 Lab File: BG057040.D
 Acq: 10 Apr 2023 11:19

Tgt Ion:264 Resp: 95349
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.0 28.4
 265 20.0 17.8 26.6

