

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040723\
 Data File : BG057031.D
 Acq On : 7 Apr 2023 18:03
 Operator : CG/JU
 Sample : 02224-11
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OU3-FC-BACKFILL-06

Quant Time: Apr 08 04:51:32 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)

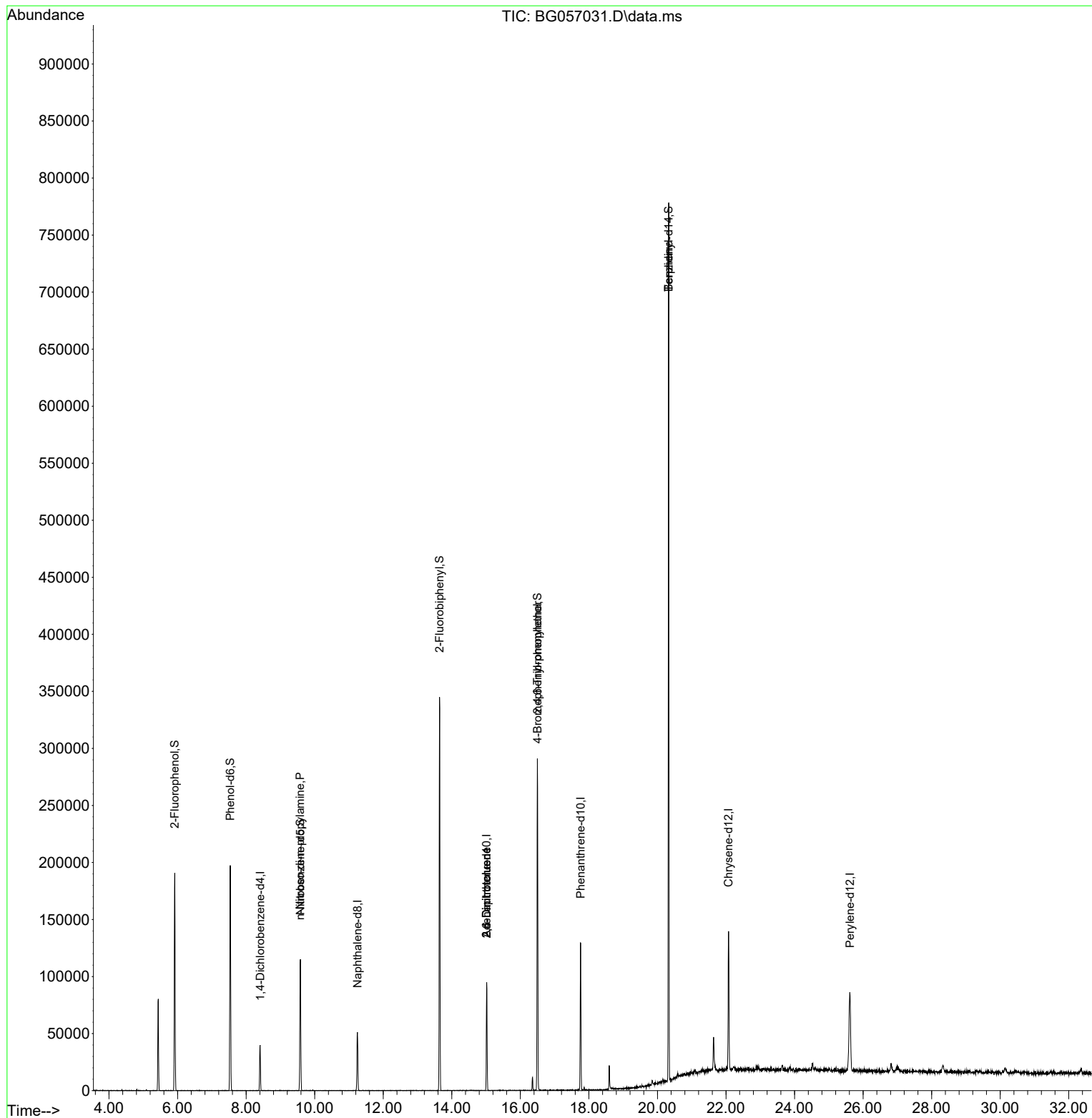
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.408	152	11129	20.000	ng	0.00
21) Naphthalene-d8	11.245	136	43908	20.000	ng	# 0.00
39) Acenaphthene-d10	15.016	164	34603	20.000	ng	0.00
64) Phenanthrene-d10	17.760	188	87395	20.000	ng	0.00
76) Chrysene-d12	22.071	240	78896	20.000	ng	#-0.01
86) Perylene-d12	25.614	264	84382	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.917	112	78602	113.037	ng	0.00
7) Phenol-d6	7.538	99	112068	107.757	ng	0.00
23) Nitrobenzene-d5	9.583	82	72949	67.981	ng	0.00
42) 2,4,6-Tribromophenol	16.497	330	60781	109.952	ng	0.00
45) 2-Fluorobiphenyl	13.642	172	183028	71.724	ng	0.00
79) Terphenyl-d14	20.327	244	366206	78.544	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.577	70	10063	13.528	ng	# 81
51) 2,6-Dinitrotoluene	15.016	165	4617	7.838	ng	# 18
57) 2,4-Dinitrotoluene	15.016	165	4617	5.557	ng	# 18
67) 4-Bromophenyl-phenylether	16.503	248	3759	3.476	ng	# 1
77) Benzidine	20.327	184	5895	2.734	ng	# 79

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

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OU3-FC-BACKFILL-06

Quant Time: Apr 08 04:51:32 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

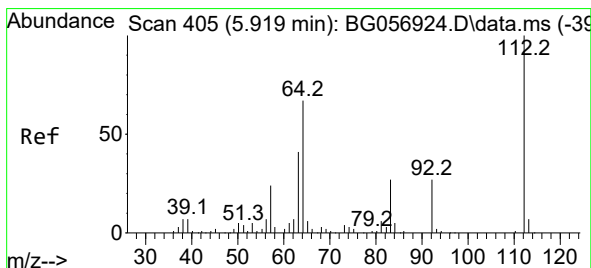
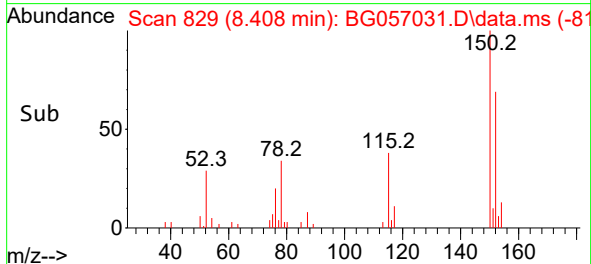
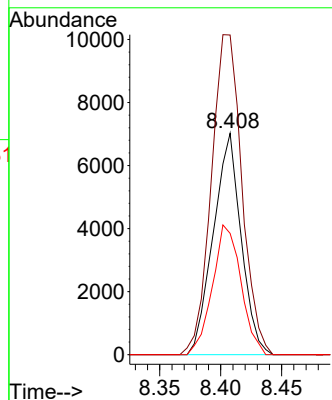
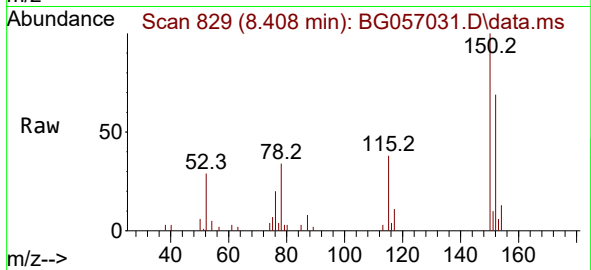




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.408 min Scan# 811
Delta R.T. -0.000 min
Lab File: BG057031.D
Acq: 7 Apr 2023 18:03

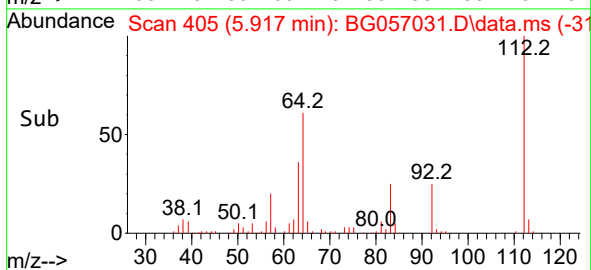
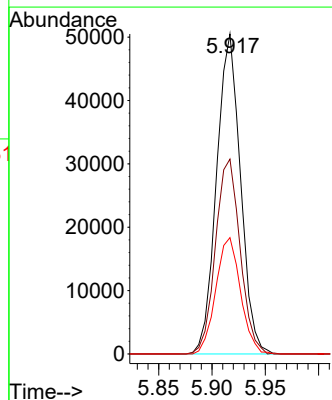
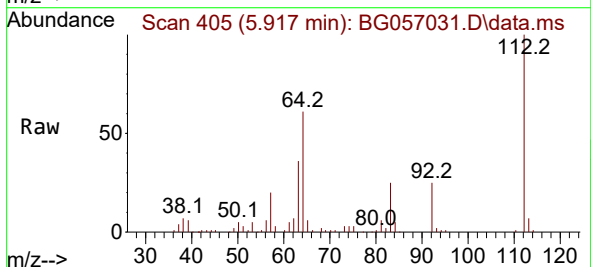
Instrument :
BNA_G
ClientSampleId :
OU3-FC-BACKFILL-06

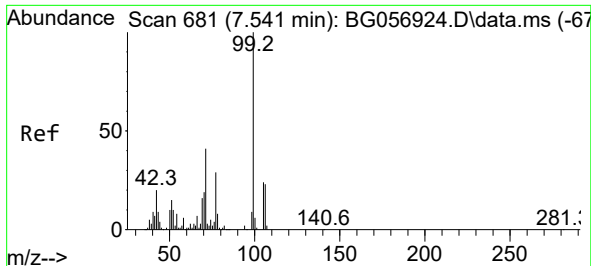
Tgt Ion:152 Resp: 11129
Ion Ratio Lower Upper
152 100
150 144.3 124.1 186.1
115 54.7 49.1 73.7



#5
2-Fluorophenol
Concen: 113.037 ng
RT: 5.917 min Scan# 405
Delta R.T. -0.000 min
Lab File: BG057031.D
Acq: 7 Apr 2023 18:03

Tgt Ion:112 Resp: 78602
Ion Ratio Lower Upper
112 100
64 60.9 53.2 79.8
63 36.4 32.6 48.8

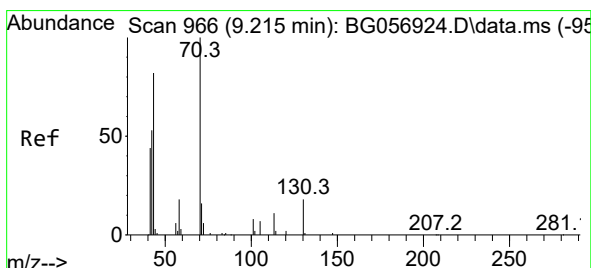
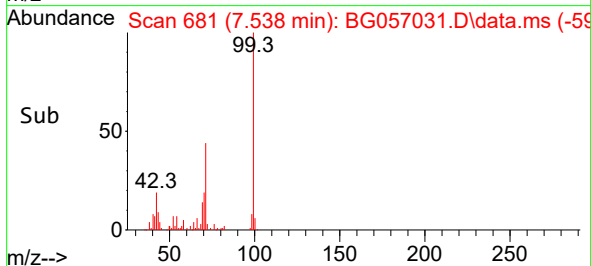
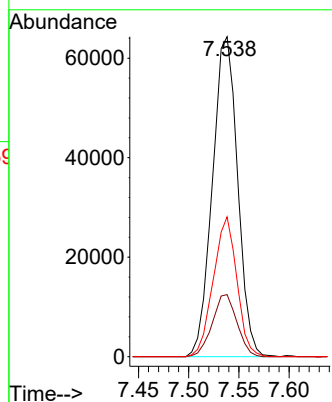
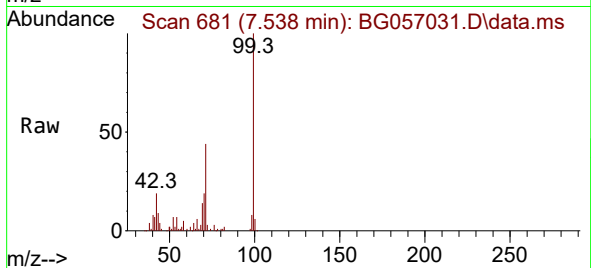




#7
Phenol-d6
Concen: 107.757 ng
RT: 7.538 min Scan# 61
Delta R.T. -0.000 min
Lab File: BG057031.D
Acq: 7 Apr 2023 18:03

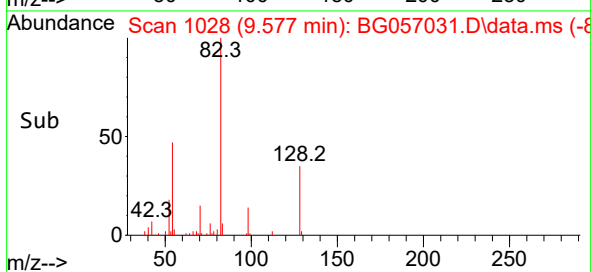
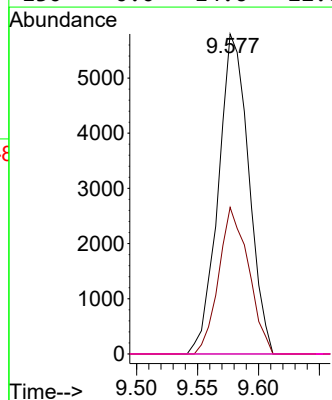
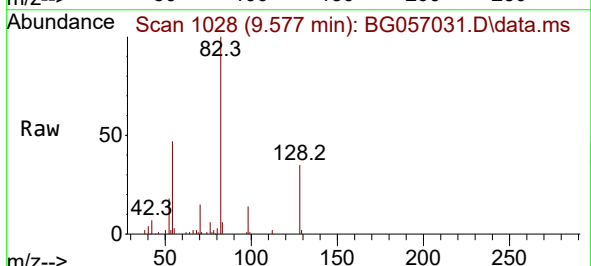
Instrument :
BNA_G
ClientSampleId :
OU3-FC-BACKFILL-06

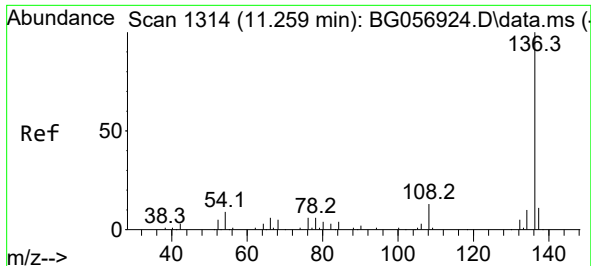
Tgt Ion: 99 Resp: 112068
Ion Ratio Lower Upper
99 100
42 19.4 15.7 23.5
71 43.7 32.5 48.7



#19
n-Nitroso-di-n-propylamine
Concen: 13.528 ng
RT: 9.577 min Scan# 1028
Delta R.T. 0.364 min
Lab File: BG057031.D
Acq: 7 Apr 2023 18:03

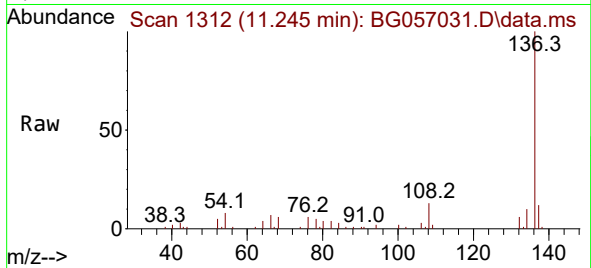
Tgt Ion: 70 Resp: 10063
Ion Ratio Lower Upper
70 100
42 45.8 43.4 65.0
101 0.0 6.2 9.2#
130 0.0 14.6 22.0#



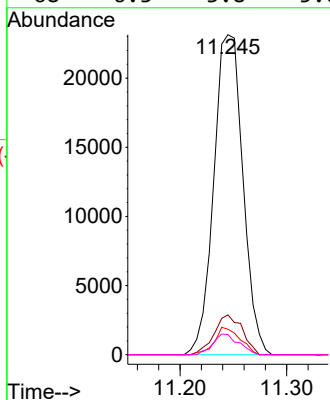
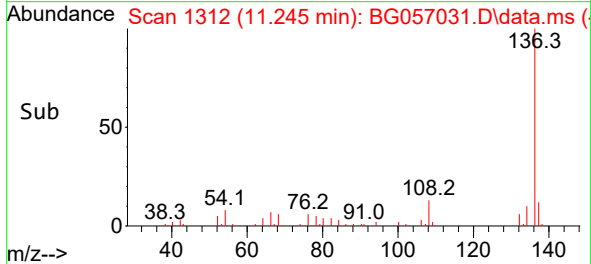


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.245 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG057031.D
Acq: 7 Apr 2023 18:03

Instrument :
BNA_G
ClientSampleId :
OU3-FC-BACKFILL-06

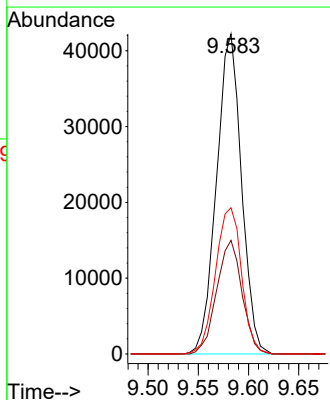
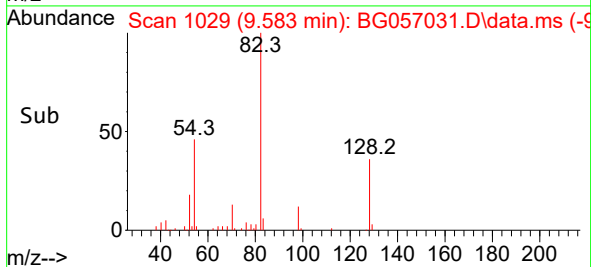
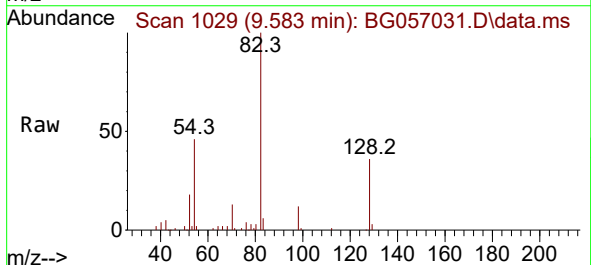


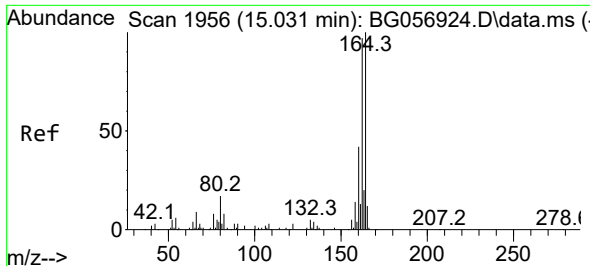
Tgt Ion:136 Resp: 43908
Ion Ratio Lower Upper
136 100
137 12.5 8.6 13.0
54 7.9 6.9 10.3
68 6.3 3.8 5.6#



#23
Nitrobenzene-d5
Concen: 67.981 ng
RT: 9.583 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BG057031.D
Acq: 7 Apr 2023 18:03

Tgt Ion: 82 Resp: 72949
Ion Ratio Lower Upper
82 100
128 35.5 27.9 41.9
54 45.7 39.4 59.2

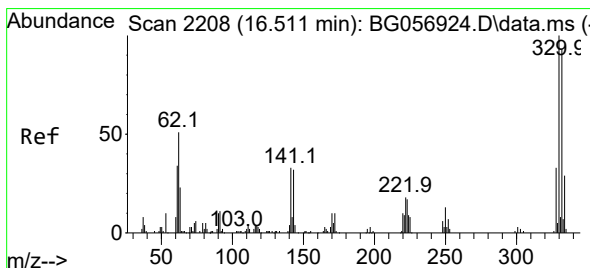
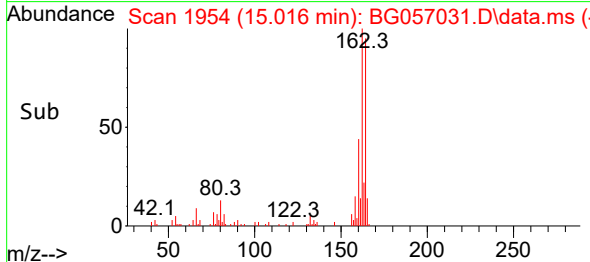
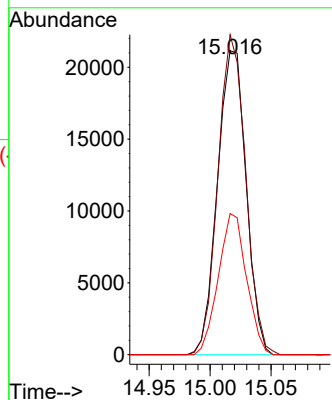
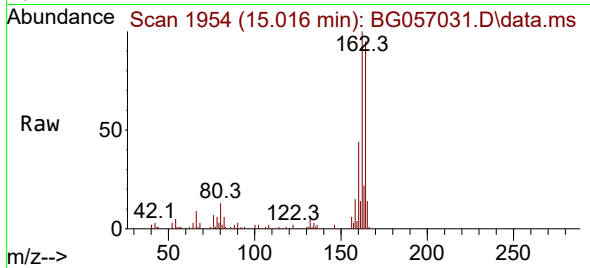




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.016 min Scan# 1954
Delta R.T. -0.006 min
Lab File: BG057031.D
Acq: 7 Apr 2023 18:03

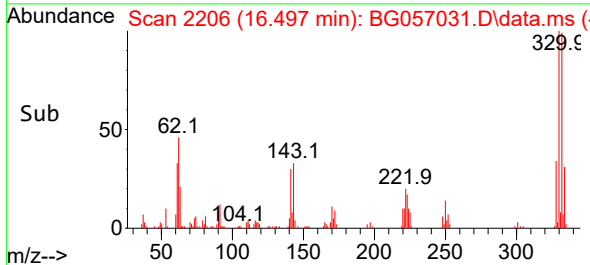
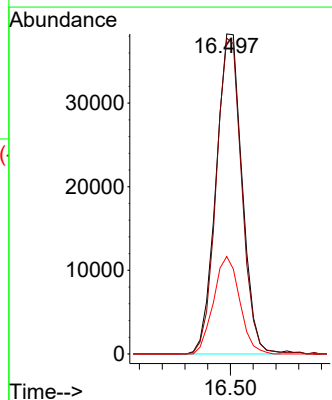
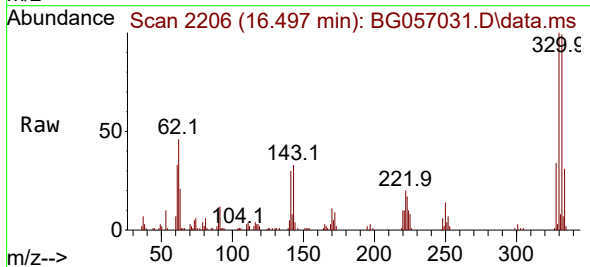
Instrument :
BNA_G
ClientSampleId :
OU3-FC-BACKFILL-06

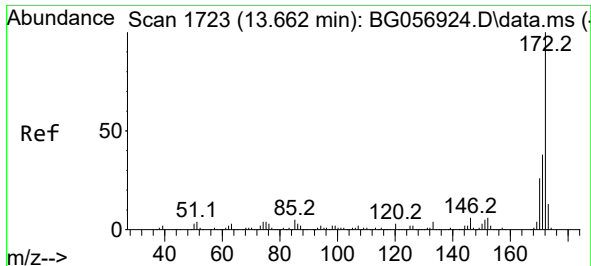
Tgt Ion:164 Resp: 34603
Ion Ratio Lower Upper
164 100
162 105.3 77.8 116.8
160 46.4 33.5 50.3



#42
2,4,6-Tribromophenol
Concen: 109.952 ng
RT: 16.497 min Scan# 2206
Delta R.T. -0.006 min
Lab File: BG057031.D
Acq: 7 Apr 2023 18:03

Tgt Ion:330 Resp: 60781
Ion Ratio Lower Upper
330 100
332 96.6 76.1 114.1
141 30.5 25.8 38.6

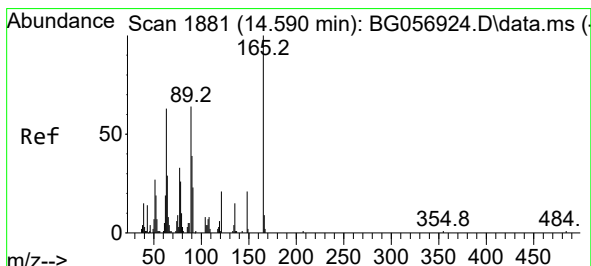
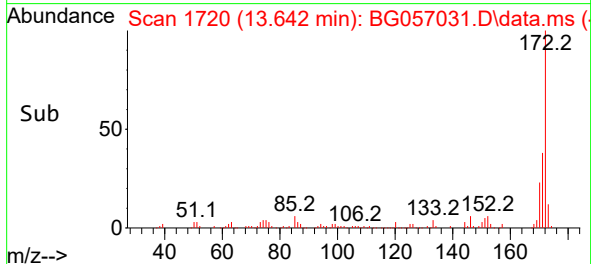
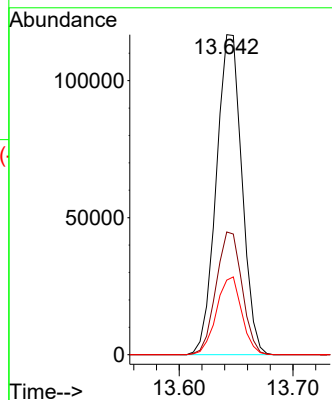
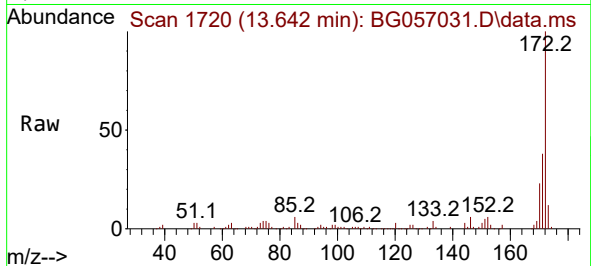




#45
2-Fluorobiphenyl
Concen: 71.724 ng
RT: 13.642 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG057031.D
Acq: 7 Apr 2023 18:03

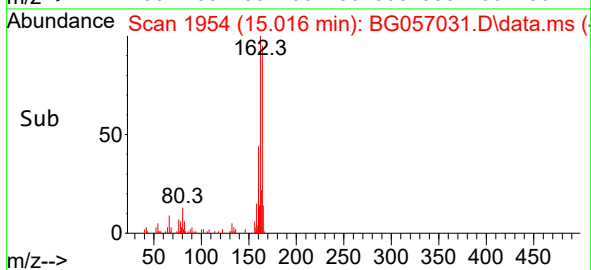
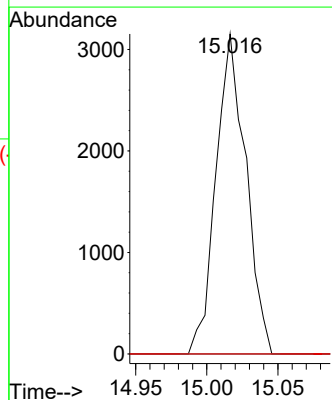
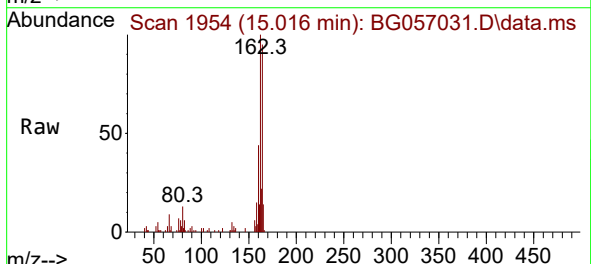
Instrument :
BNA_G
ClientSampleId :
OU3-FC-BACKFILL-06

Tgt Ion:172 Resp: 183028
Ion Ratio Lower Upper
172 100
171 38.3 30.6 46.0
170 23.3 20.6 30.8



#51
2,6-Dinitrotoluene
Concen: 7.838 ng
RT: 15.016 min Scan# 1954
Delta R.T. 0.429 min
Lab File: BG057031.D
Acq: 7 Apr 2023 18:03

Tgt Ion:165 Resp: 4617
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: 5.557 ng

RT: 15.016 min Scan# 1954

Delta R.T. -0.352 min

Lab File: BG057031.D

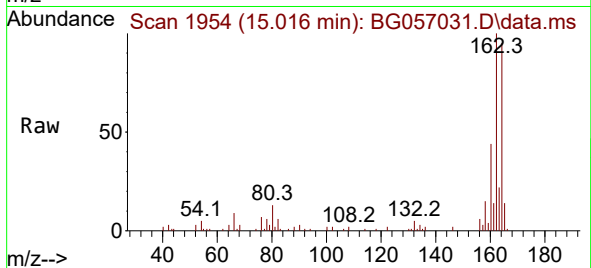
Acq: 7 Apr 2023 18:03

Instrument :

BNA_G

ClientSampleId :

OU3-FC-BACKFILL-06



Tgt Ion:165 Resp: 4617

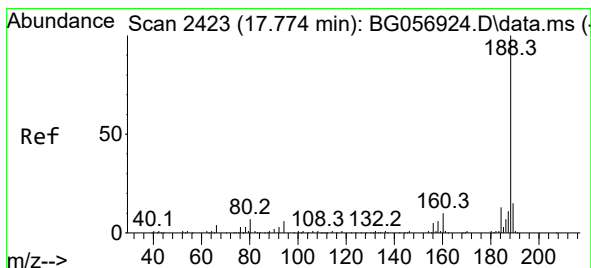
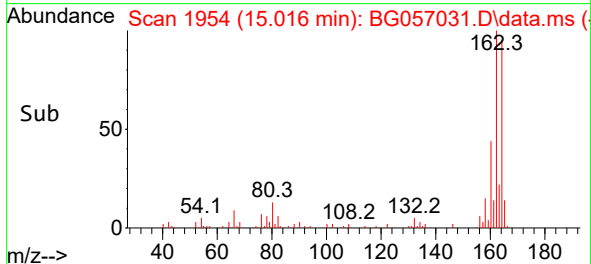
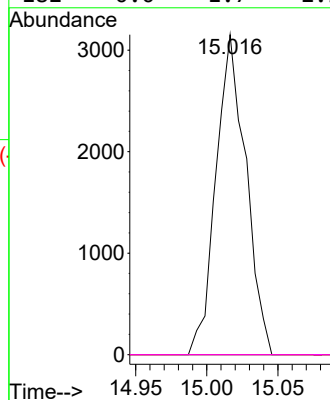
Ion Ratio Lower Upper

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: 17.760 min Scan# 2421

Delta R.T. -0.000 min

Lab File: BG057031.D

Acq: 7 Apr 2023 18:03

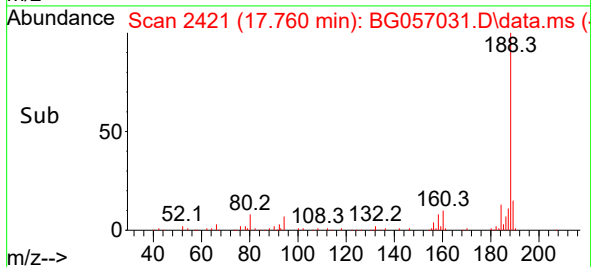
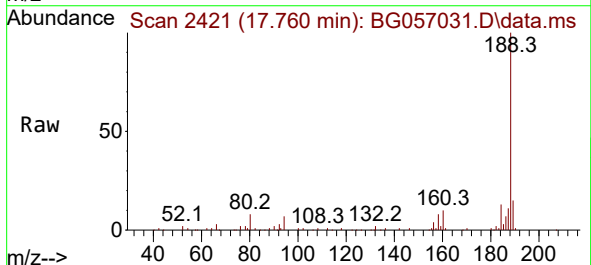
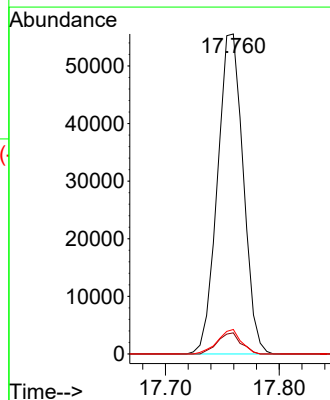
Tgt Ion:188 Resp: 87395

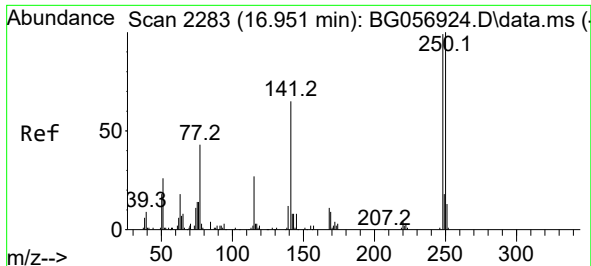
Ion Ratio Lower Upper

188 100

94 6.6 4.6 6.8

80 7.7 5.5 8.3

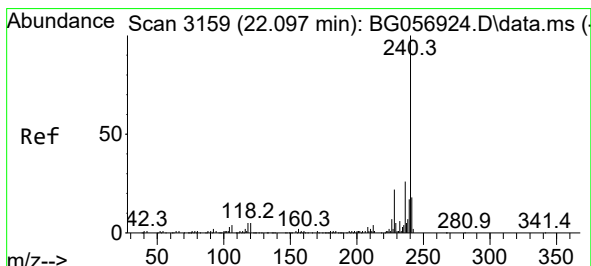
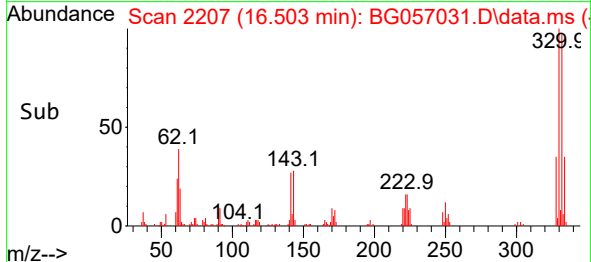
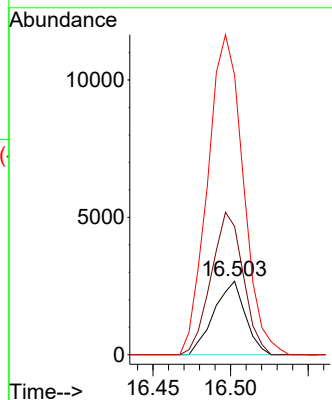
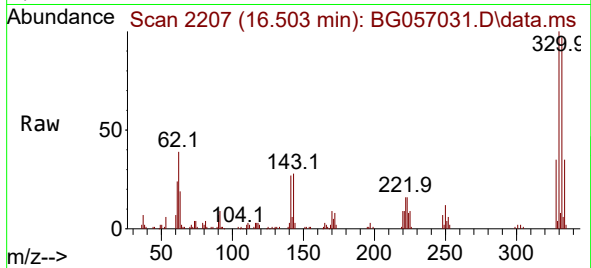




#67
4-Bromophenyl-phenylether
Concen: 3.476 ng
RT: 16.503 min Scan# 21
Delta R.T. -0.435 min
Lab File: BG057031.D
Acq: 7 Apr 2023 18:03

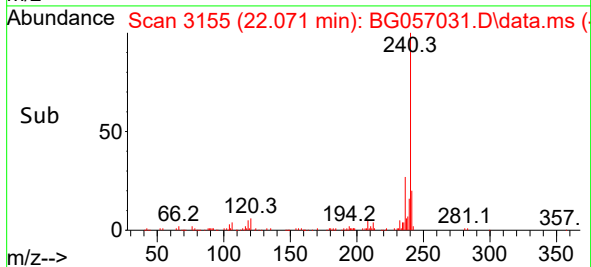
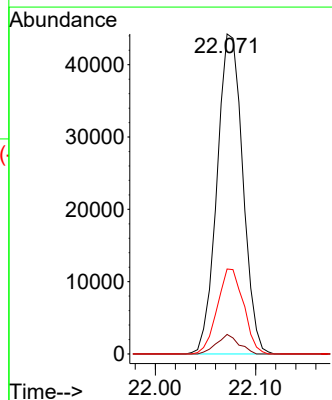
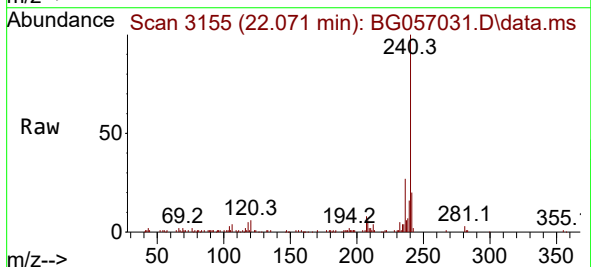
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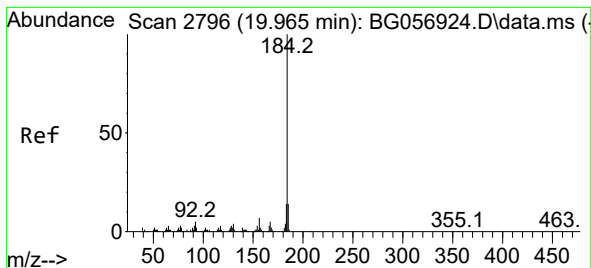
Tgt Ion:248 Resp: 3759
Ion Ratio Lower Upper
248 100
250 174.8 80.5 120.7#
141 380.7 52.0 78.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.071 min Scan# 3155
Delta R.T. -0.012 min
Lab File: BG057031.D
Acq: 7 Apr 2023 18:03

Tgt Ion:240 Resp: 78896
Ion Ratio Lower Upper
240 100
120 6.1 3.8 5.6#
236 26.5 21.0 31.6





#77

Benzidine

Concen: 2.734 ng

RT: 20.327 min Scan# 2858

Delta R.T. 0.376 min

Lab File: BG057031.D

Acq: 7 Apr 2023 18:03

Instrument :

BNA_G

ClientSampleId :

OU3-FC-BACKFILL-06

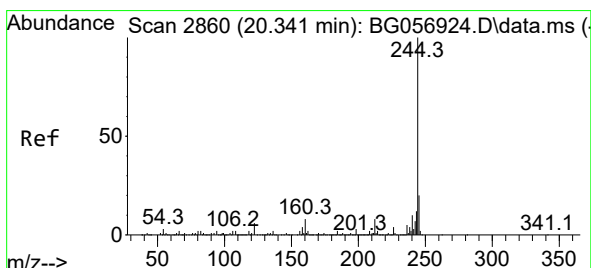
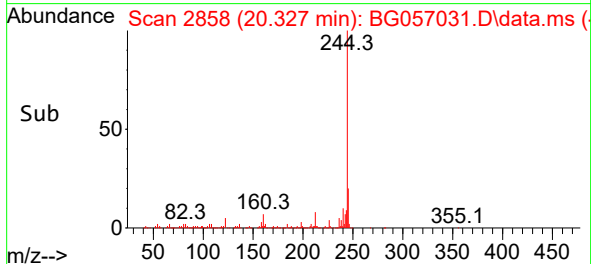
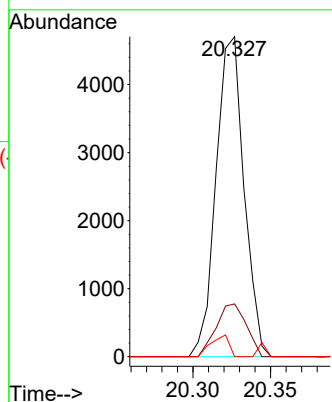
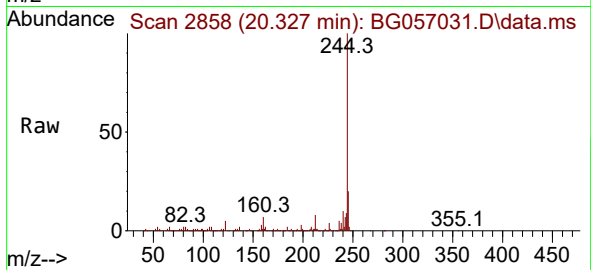
Tgt Ion:184 Resp: 5895

Ion Ratio Lower Upper

184 100

185 16.5 11.0 16.4#

183 0.0 11.4 17.0#



#79

Terphenyl-d14

Concen: 78.544 ng

RT: 20.327 min Scan# 2858

Delta R.T. -0.000 min

Lab File: BG057031.D

Acq: 7 Apr 2023 18:03

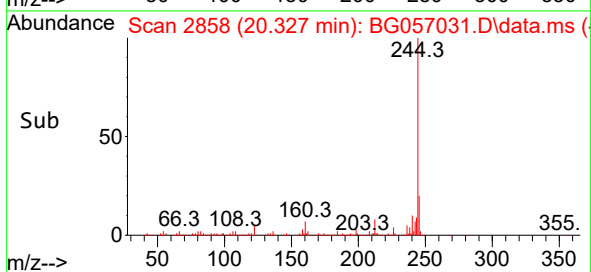
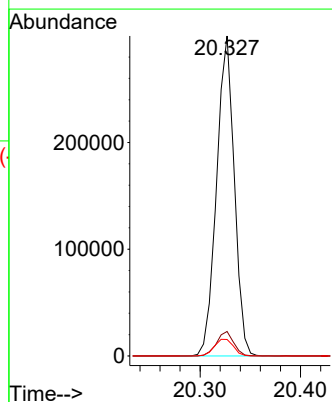
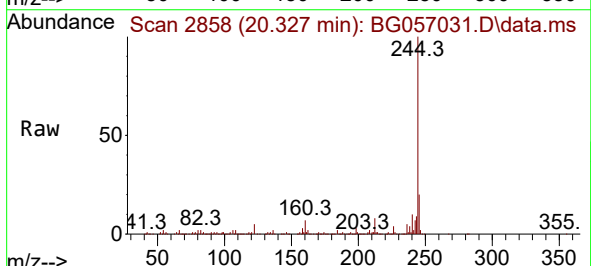
Tgt Ion:244 Resp: 366206

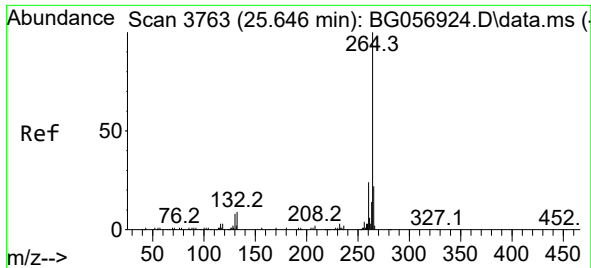
Ion Ratio Lower Upper

244 100

212 7.7 6.1 9.1

122 5.2 5.0 7.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.614 min Scan# 31
Delta R.T. -0.018 min
Lab File: BG057031.D
Acq: 7 Apr 2023 18:03

Instrument :
BNA_G
ClientSampleId :
OU3-FC-BACKFILL-06

Tgt Ion:264 Resp: 84382

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.0	28.4
265	20.7	17.8	26.6

