

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040723\
 Data File : BG057028.D
 Acq On : 7 Apr 2023 15:58
 Operator : CG/JU
 Sample : 02224-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OU3-FC-BACKFILL-02

Quant Time: Apr 08 04:50:56 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

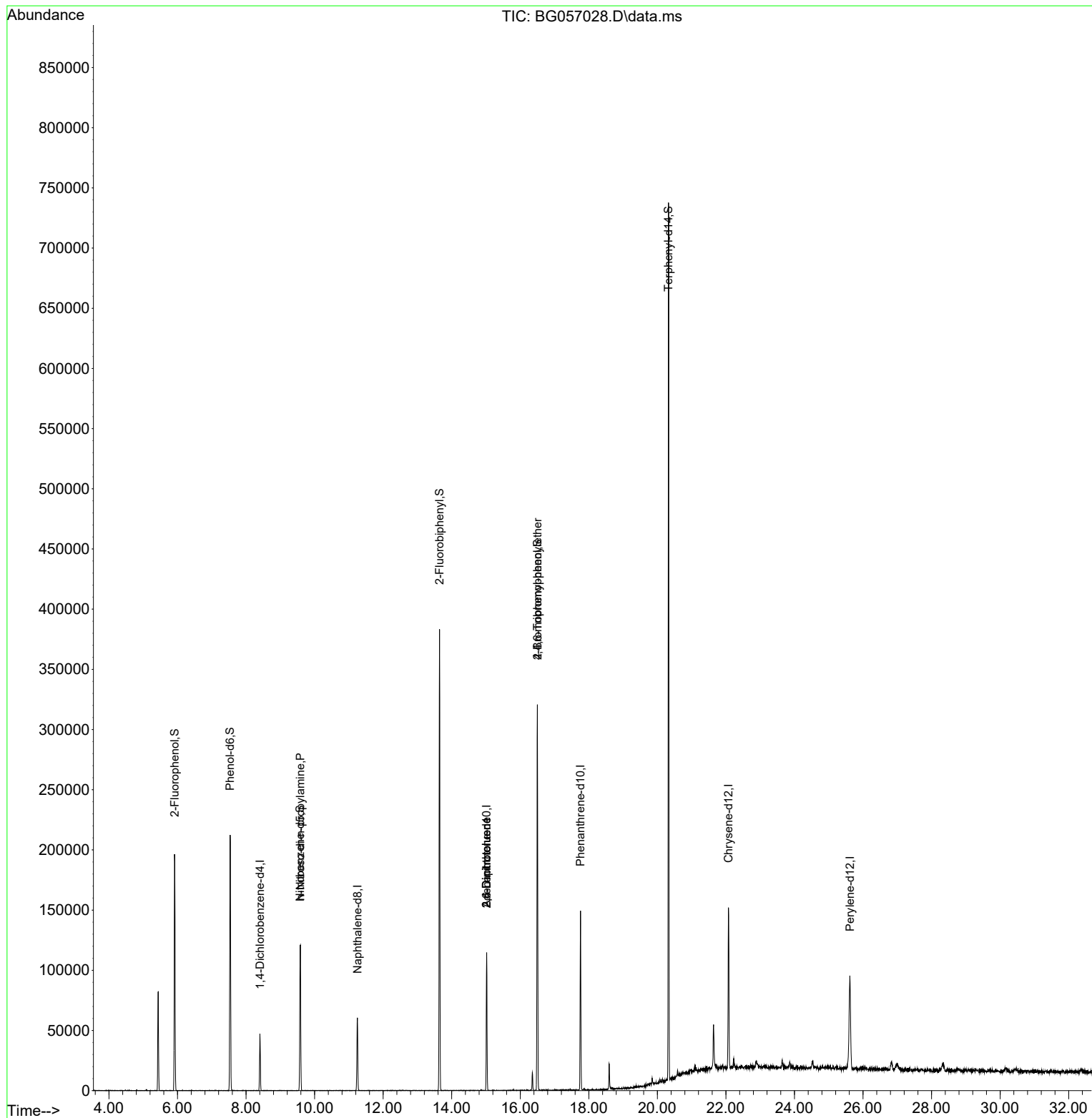
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.405	152	12940	20.000	ng	0.00
21) Naphthalene-d8	11.248	136	51084	20.000	ng	0.00
39) Acenaphthene-d10	15.019	164	39657	20.000	ng	0.00
64) Phenanthrene-d10	17.757	188	97886	20.000	ng	0.00
76) Chrysene-d12	22.074	240	85010	20.000	ng	0.00
86) Perylene-d12	25.617	264	89380	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.920	112	83091	102.769	ng	0.00
7) Phenol-d6	7.535	99	122391	101.212	ng	0.00
23) Nitrobenzene-d5	9.580	82	78862	63.167	ng	0.00
42) 2,4,6-Tribromophenol	16.500	330	66066	104.282	ng	0.00
45) 2-Fluorobiphenyl	13.645	172	196987	67.357	ng	0.00
79) Terphenyl-d14	20.324	244	377585	75.160	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.585	70	11260	13.018	ng	# 74
51) 2,6-Dinitrotoluene	15.019	165	5574	8.256	ng	# 18
57) 2,4-Dinitrotoluene	15.019	165	5574	5.854	ng	# 18
67) 4-Bromophenyl-phenylether	16.500	248	4207	3.474	ng	# 1

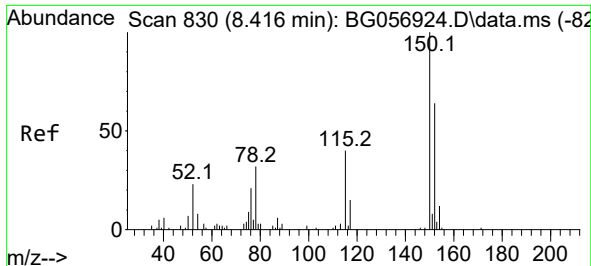
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 08 04:50:56 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

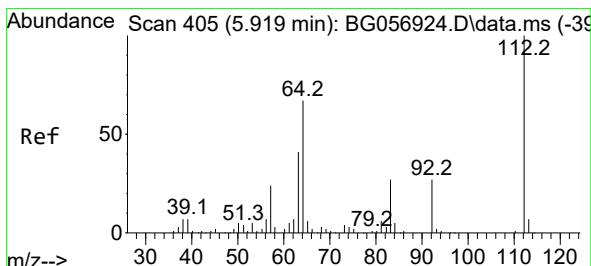
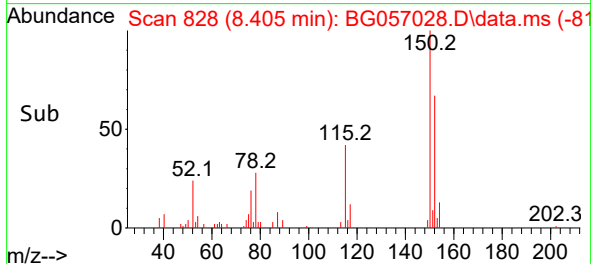
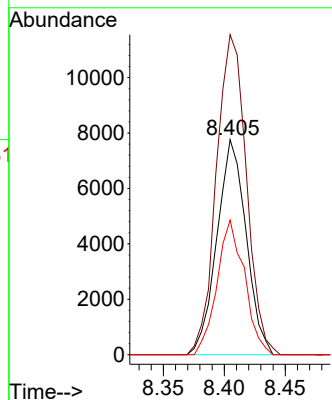
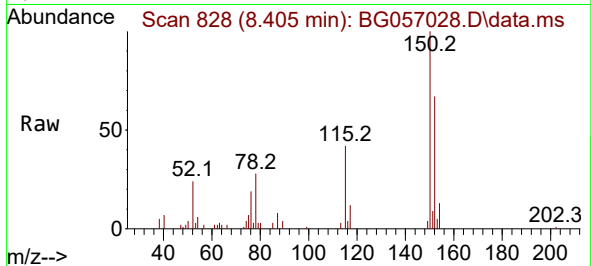




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.405 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG057028.D
Acq: 7 Apr 2023 15:58

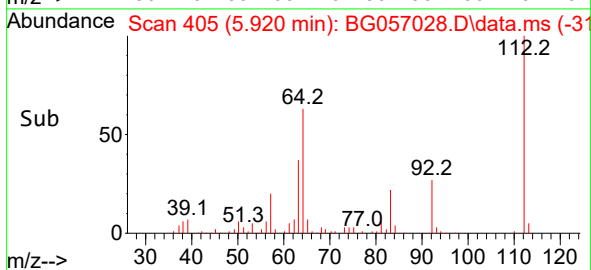
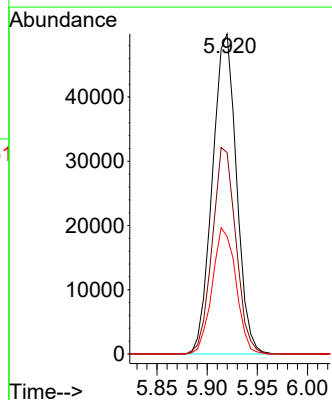
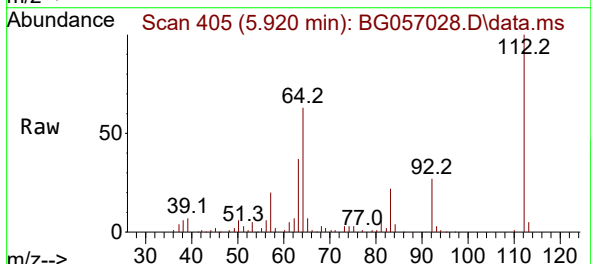
Instrument :
BNA_G
ClientSampleId :
OU3-FC-BACKFILL-02

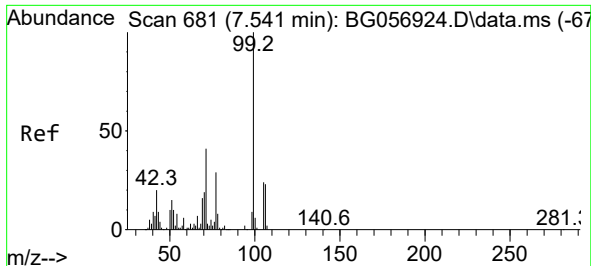
Tgt Ion:152 Resp: 12940
Ion Ratio Lower Upper
152 100
150 148.8 124.1 186.1
115 62.6 49.1 73.7



#5
2-Fluorophenol
Concen: 102.769 ng
RT: 5.920 min Scan# 405
Delta R.T. 0.003 min
Lab File: BG057028.D
Acq: 7 Apr 2023 15:58

Tgt Ion:112 Resp: 83091
Ion Ratio Lower Upper
112 100
64 63.0 53.2 79.8
63 36.7 32.6 48.8

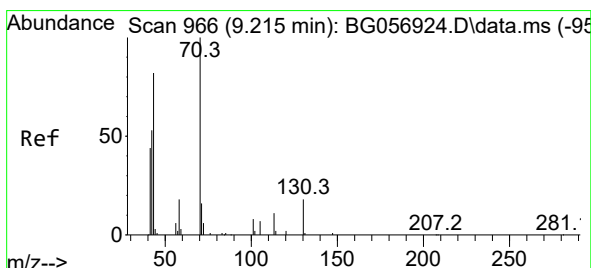
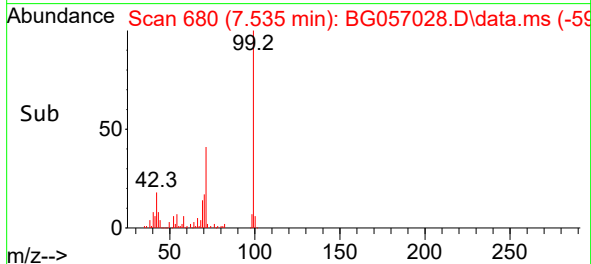
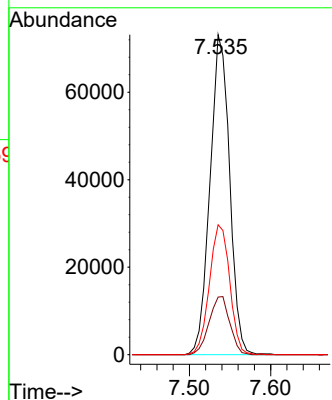
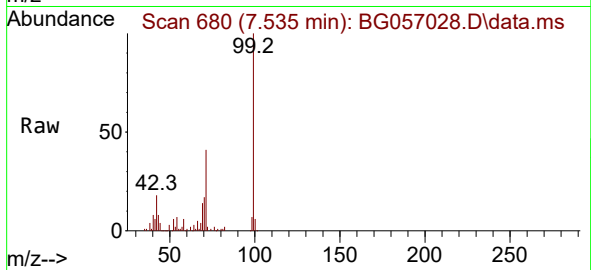




#7
Phenol-d6
Concen: 101.212 ng
RT: 7.535 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG057028.D
Acq: 7 Apr 2023 15:58

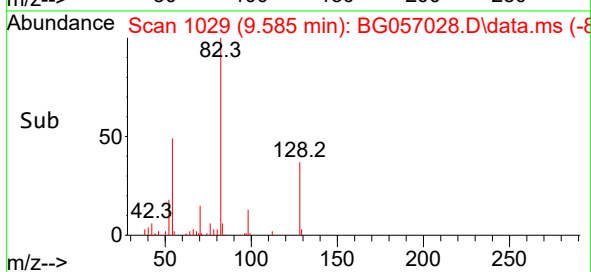
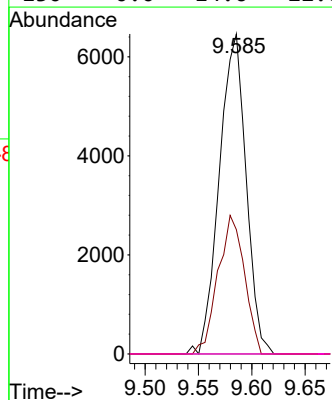
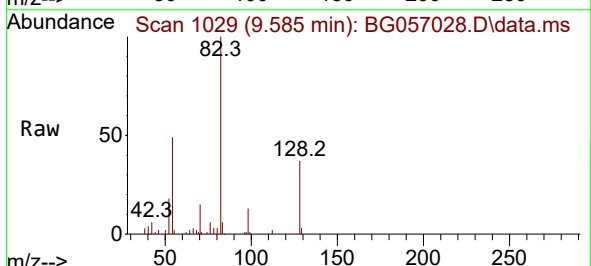
Instrument :
BNA_G
ClientSampleId :
OU3-FC-BACKFILL-02

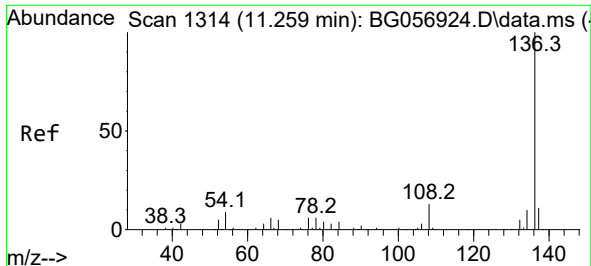
Tgt Ion: 99 Resp: 122391
Ion Ratio Lower Upper
99 100
42 18.0 15.7 23.5
71 40.6 32.5 48.7



#19
n-Nitroso-di-n-propylamine
Concen: 13.018 ng
RT: 9.585 min Scan# 1029
Delta R.T. 0.373 min
Lab File: BG057028.D
Acq: 7 Apr 2023 15:58

Tgt Ion: 70 Resp: 11260
Ion Ratio Lower Upper
70 100
42 38.8 43.4 65.0#
101 0.0 6.2 9.2#
130 0.0 14.6 22.0#

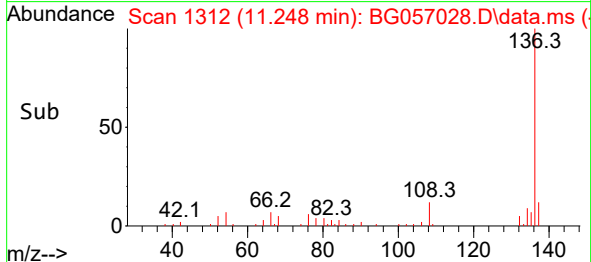
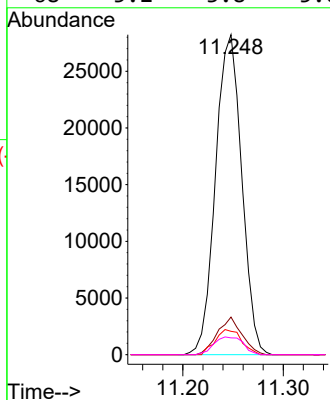
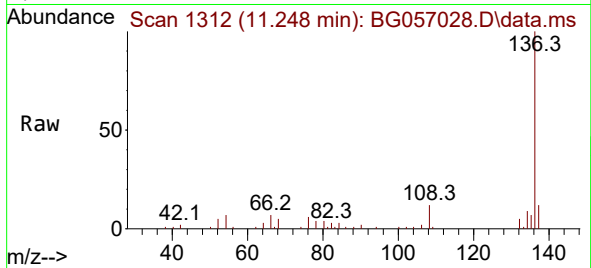




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.248 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG057028.D
Acq: 7 Apr 2023 15:58

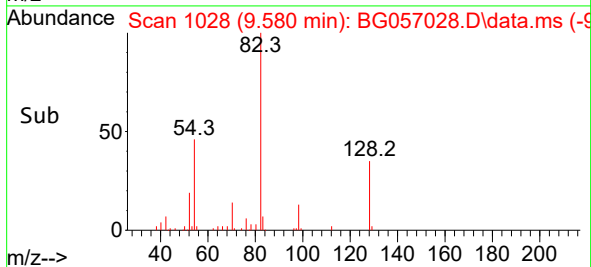
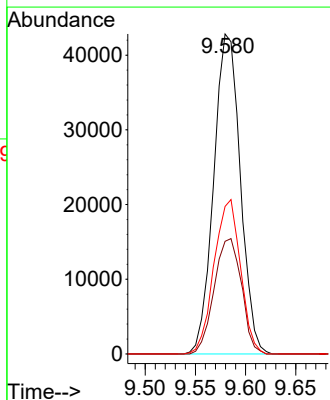
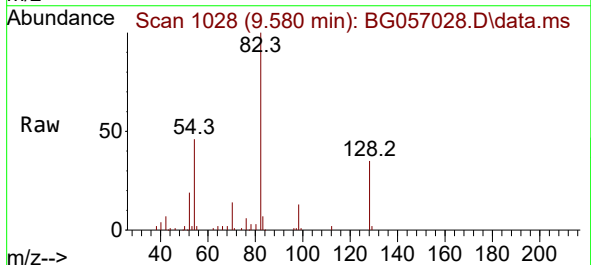
Instrument :
BNA_G
ClientSampleId :
OU3-FC-BACKFILL-02

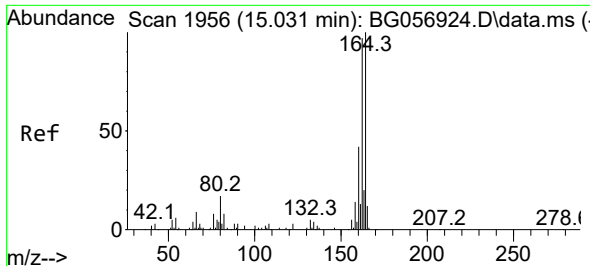
Tgt Ion:	136	Resp:	51084
Ion Ratio	Lower	Upper	
136	100		
137	11.8	8.6	13.0
54	7.3	6.9	10.3
68	5.2	3.8	5.6



#23
Nitrobenzene-d5
Concen: 63.167 ng
RT: 9.580 min Scan# 1028
Delta R.T. -0.009 min
Lab File: BG057028.D
Acq: 7 Apr 2023 15:58

Tgt Ion:	82	Resp:	78862
Ion Ratio	Lower	Upper	
82	100		
128	35.2	27.9	41.9
54	46.1	39.4	59.2

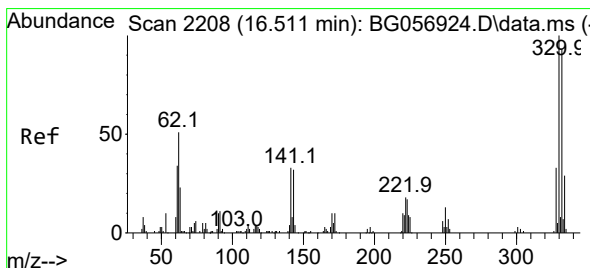
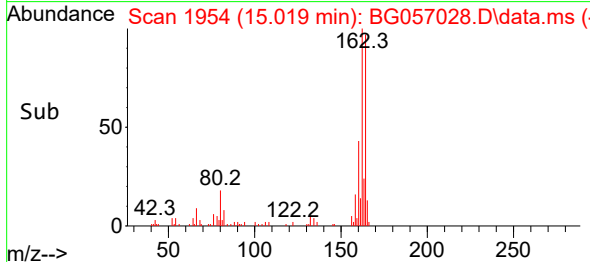
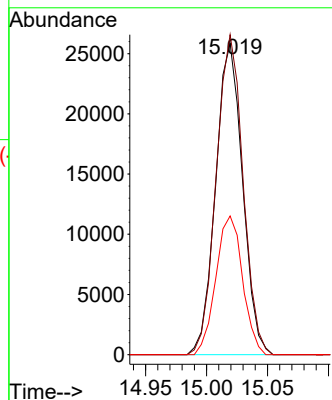
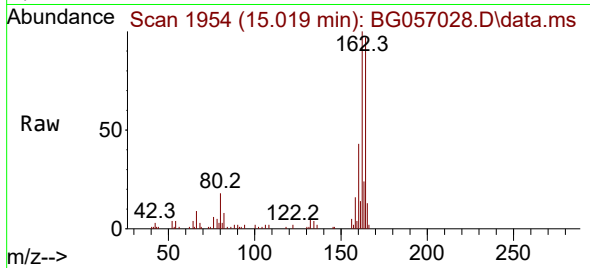




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.019 min Scan# 1954
Delta R.T. -0.003 min
Lab File: BG057028.D
Acq: 7 Apr 2023 15:58

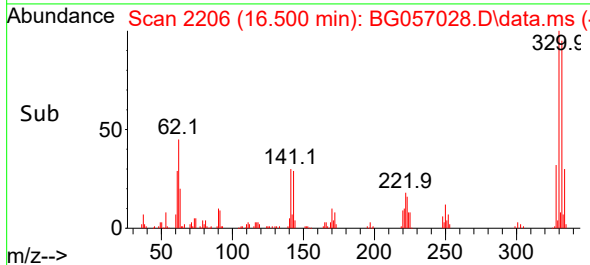
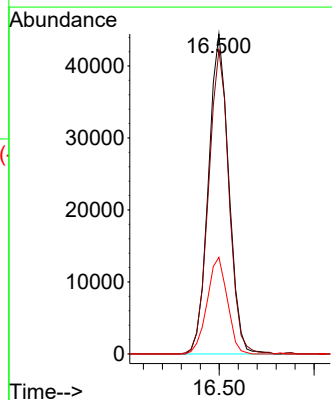
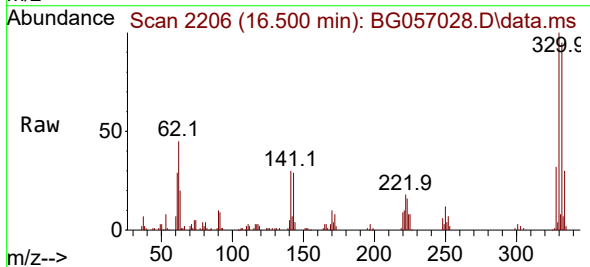
Instrument :
BNA_G
ClientSampleId :
OU3-FC-BACKFILL-02

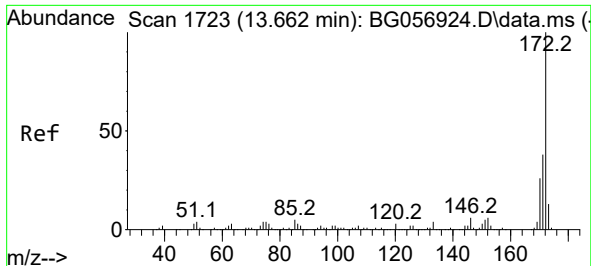
Tgt Ion:164 Resp: 39657
Ion Ratio Lower Upper
164 100
162 102.8 77.8 116.8
160 44.5 33.5 50.3



#42
2,4,6-Tribromophenol
Concen: 104.282 ng
RT: 16.500 min Scan# 2206
Delta R.T. -0.003 min
Lab File: BG057028.D
Acq: 7 Apr 2023 15:58

Tgt Ion:330 Resp: 66066
Ion Ratio Lower Upper
330 100
332 95.6 76.1 114.1
141 30.0 25.8 38.6

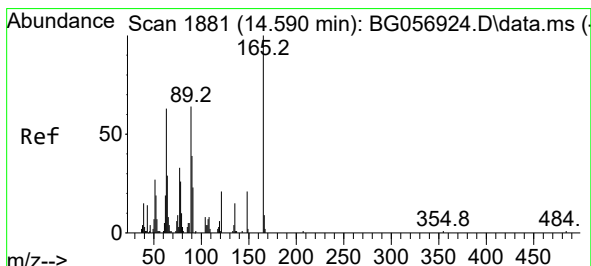
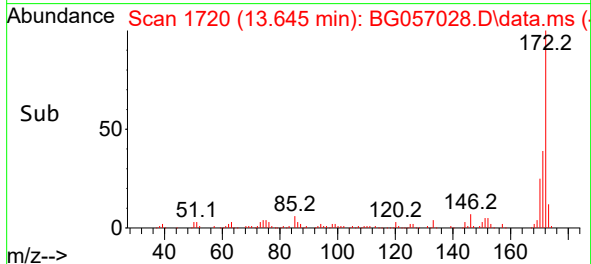
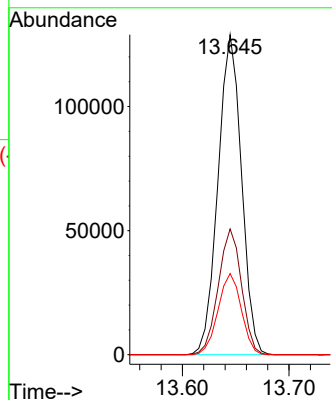
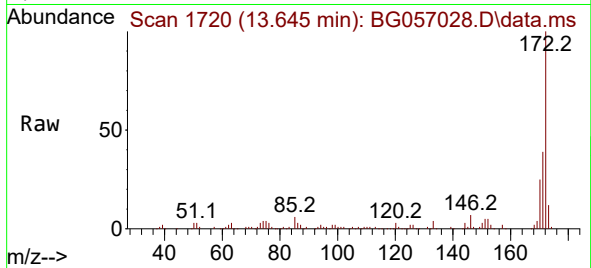




#45
2-Fluorobiphenyl
Concen: 67.357 ng
RT: 13.645 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG057028.D
Acq: 7 Apr 2023 15:58

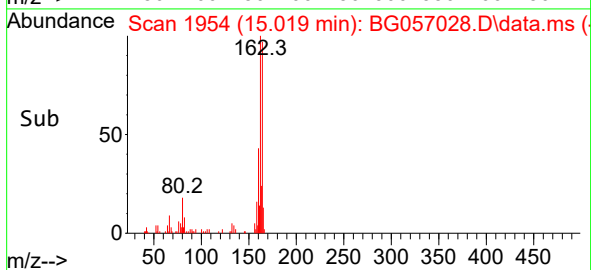
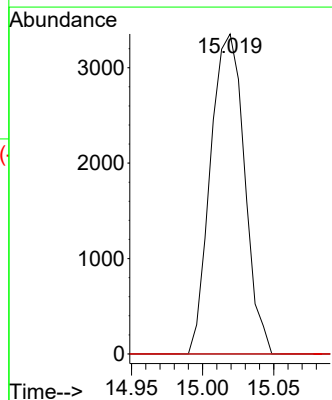
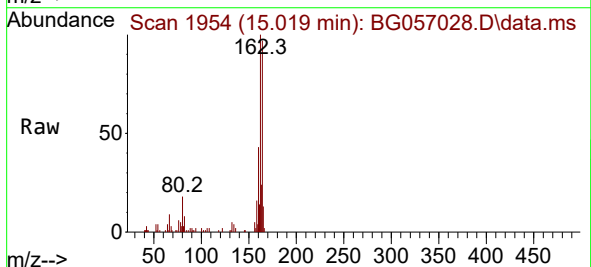
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Tgt Ion:172 Resp: 196987
Ion Ratio Lower Upper
172 100
171 39.3 30.6 46.0
170 25.4 20.6 30.8



#51
2,6-Dinitrotoluene
Concen: 8.256 ng
RT: 15.019 min Scan# 1954
Delta R.T. 0.432 min
Lab File: BG057028.D
Acq: 7 Apr 2023 15:58

Tgt Ion:165 Resp: 5574
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: 5.854 ng

RT: 15.019 min Scan# 1954

Delta R.T. -0.350 min

Lab File: BG057028.D

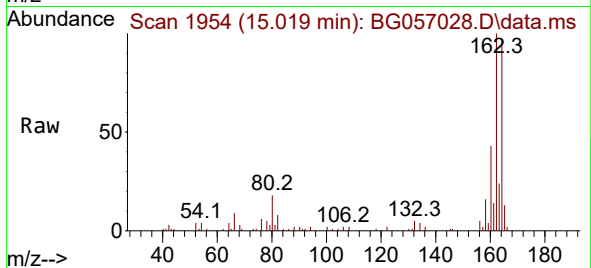
Acq: 7 Apr 2023 15:58

Instrument :

BNA_G

ClientSampleId :

OU3-FC-BACKFILL-02



Tgt Ion:165 Resp: 5574

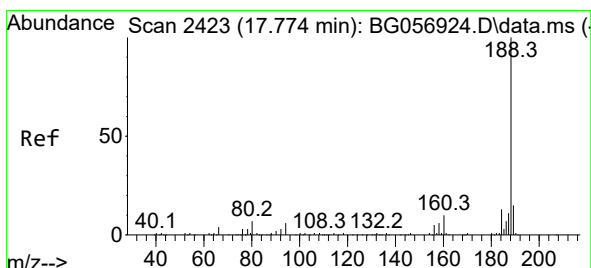
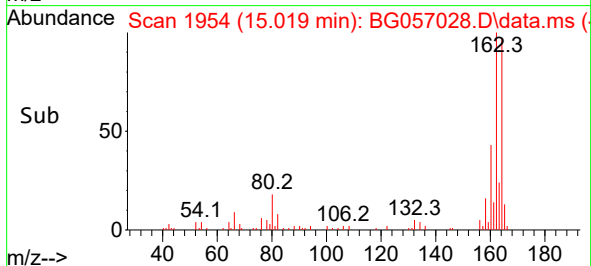
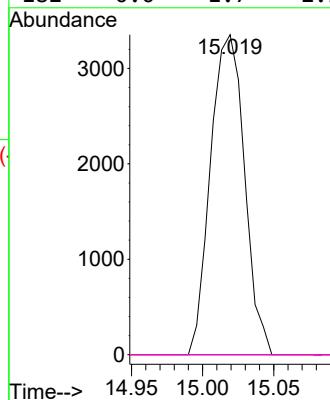
Ion Ratio Lower Upper

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: 17.757 min Scan# 2420

Delta R.T. -0.003 min

Lab File: BG057028.D

Acq: 7 Apr 2023 15:58

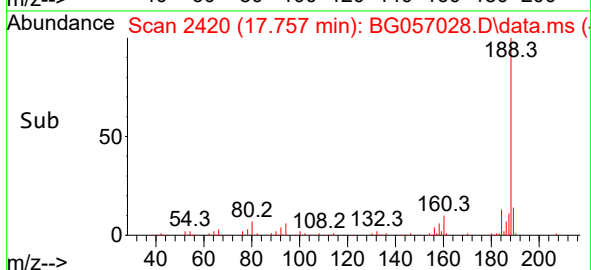
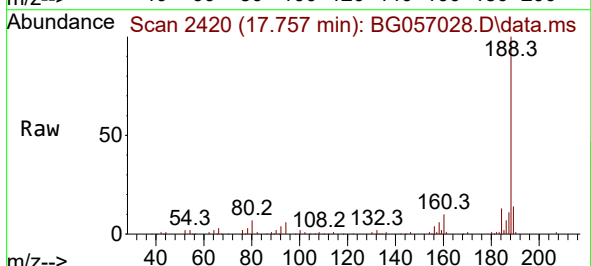
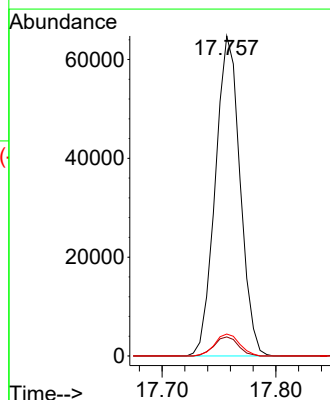
Tgt Ion:188 Resp: 97886

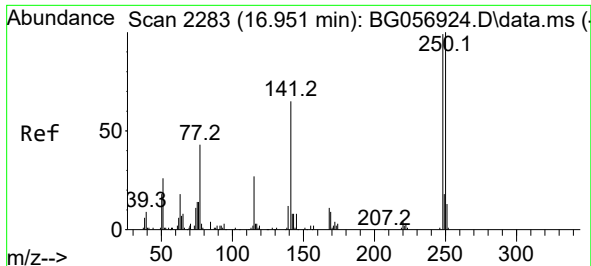
Ion Ratio Lower Upper

188 100

94 6.0 4.6 6.8

80 6.8 5.5 8.3

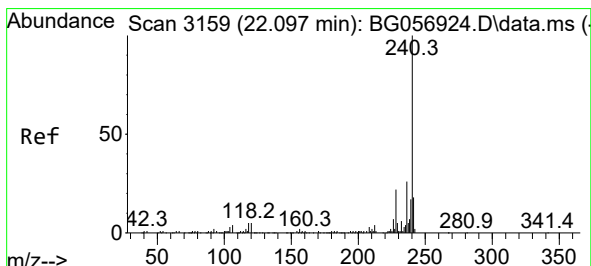
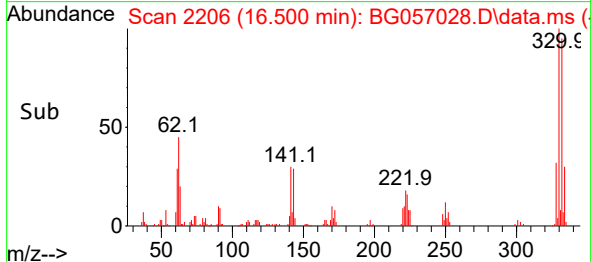
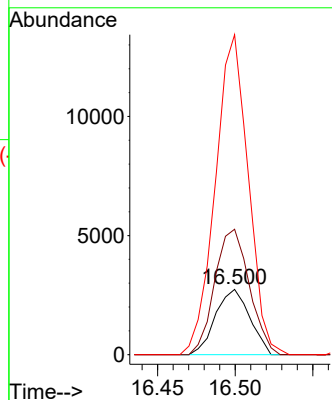
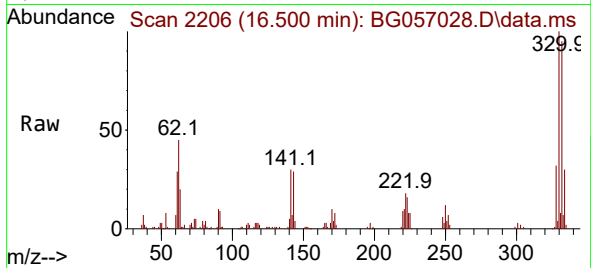




#67
4-Bromophenyl-phenylether
Concen: 3.474 ng
RT: 16.500 min Scan# 21
Delta R.T. -0.438 min
Lab File: BG057028.D
Acq: 7 Apr 2023 15:58

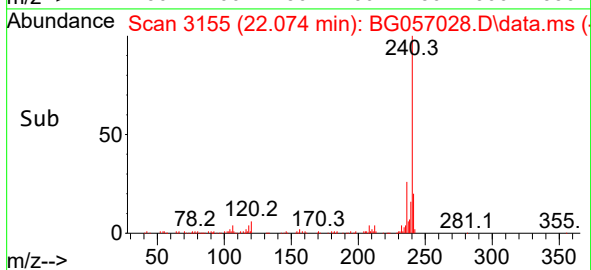
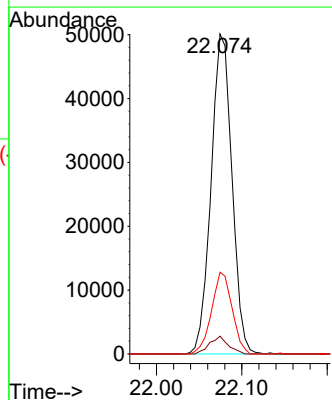
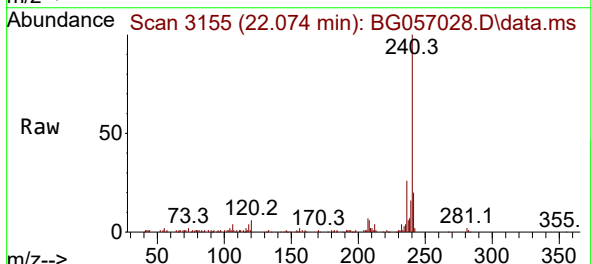
Instrument :
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OU3-FC-BACKFILL-02

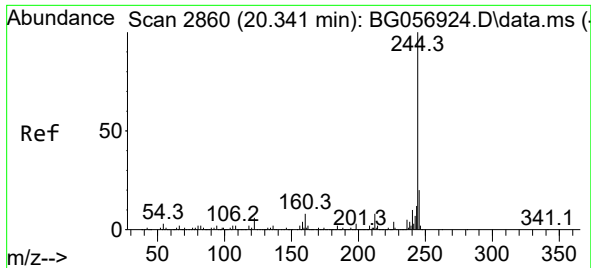
Tgt Ion:248 Resp: 4207
Ion Ratio Lower Upper
248 100
250 192.0 80.5 120.7#
141 489.7 52.0 78.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.074 min Scan# 3155
Delta R.T. -0.009 min
Lab File: BG057028.D
Acq: 7 Apr 2023 15:58

Tgt Ion:240 Resp: 85010
Ion Ratio Lower Upper
240 100
120 5.6 3.8 5.6
236 25.6 21.0 31.6

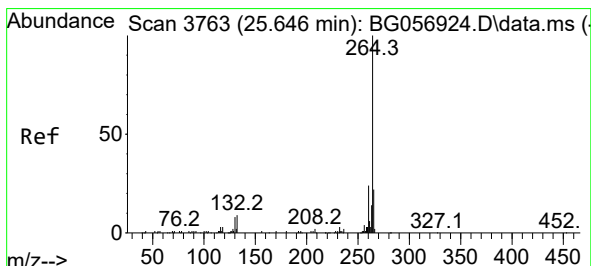
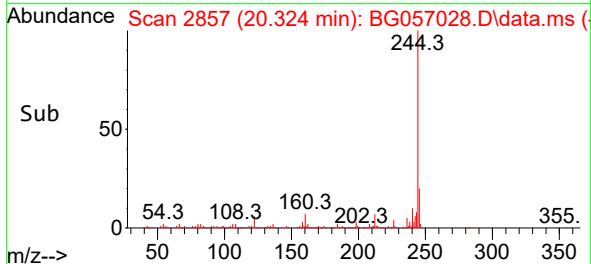
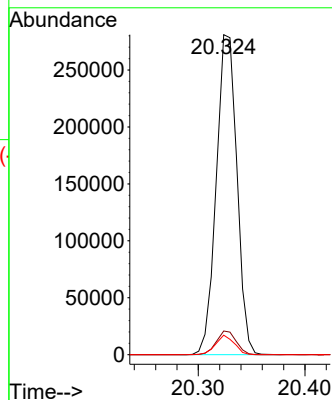
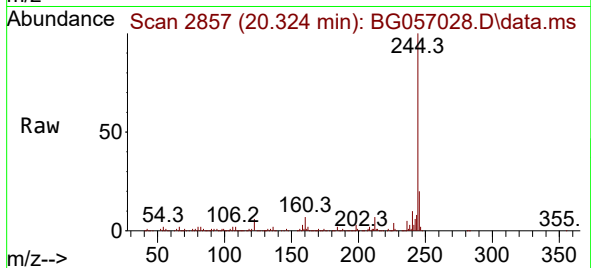




#79
 Terphenyl-d14
 Concen: 75.160 ng
 RT: 20.324 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG057028.D
 Acq: 7 Apr 2023 15:58

Instrument :
 BNA_G
 ClientSampleId :
 OU3-FC-BACKFILL-02

Tgt Ion:244 Resp: 377585
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.1 9.1
 122 6.1 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.617 min Scan# 3758
 Delta R.T. -0.015 min
 Lab File: BG057028.D
 Acq: 7 Apr 2023 15:58

Tgt Ion:264 Resp: 89380
 Ion Ratio Lower Upper
 264 100
 260 22.6 19.0 28.4
 265 20.8 17.8 26.6

