

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040723\
 Data File : BG057033.D
 Acq On : 7 Apr 2023 19:26
 Operator : CG/JU
 Sample : 02224-19
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OU3-FC-BACKFILL-10

Quant Time: Apr 08 04:51:56 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	8.407	152	12906	20.000	ng	0.00
21) Naphthalene-d8	11.245	136	52673	20.000	ng	0.00
39) Acenaphthene-d10	15.016	164	38775	20.000	ng	0.00
64) Phenanthrene-d10	17.760	188	92868	20.000	ng	0.00
76) Chrysene-d12	22.071	240	78319	20.000	ng	-0.01
86) Perylene-d12	25.614	264	83681	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.917	112	82515	102.325	ng	0.00
7) Phenol-d6	7.538	99	119621	99.182	ng	0.00
23) Nitrobenzene-d5	9.582	82	78356	60.869	ng	0.00
42) 2,4,6-Tribromophenol	16.497	330	59714	96.399	ng	0.00
45) 2-Fluorobiphenyl	13.642	172	187098	65.431	ng	0.00
79) Terphenyl-d14	20.327	244	338246	73.081	ng	0.00

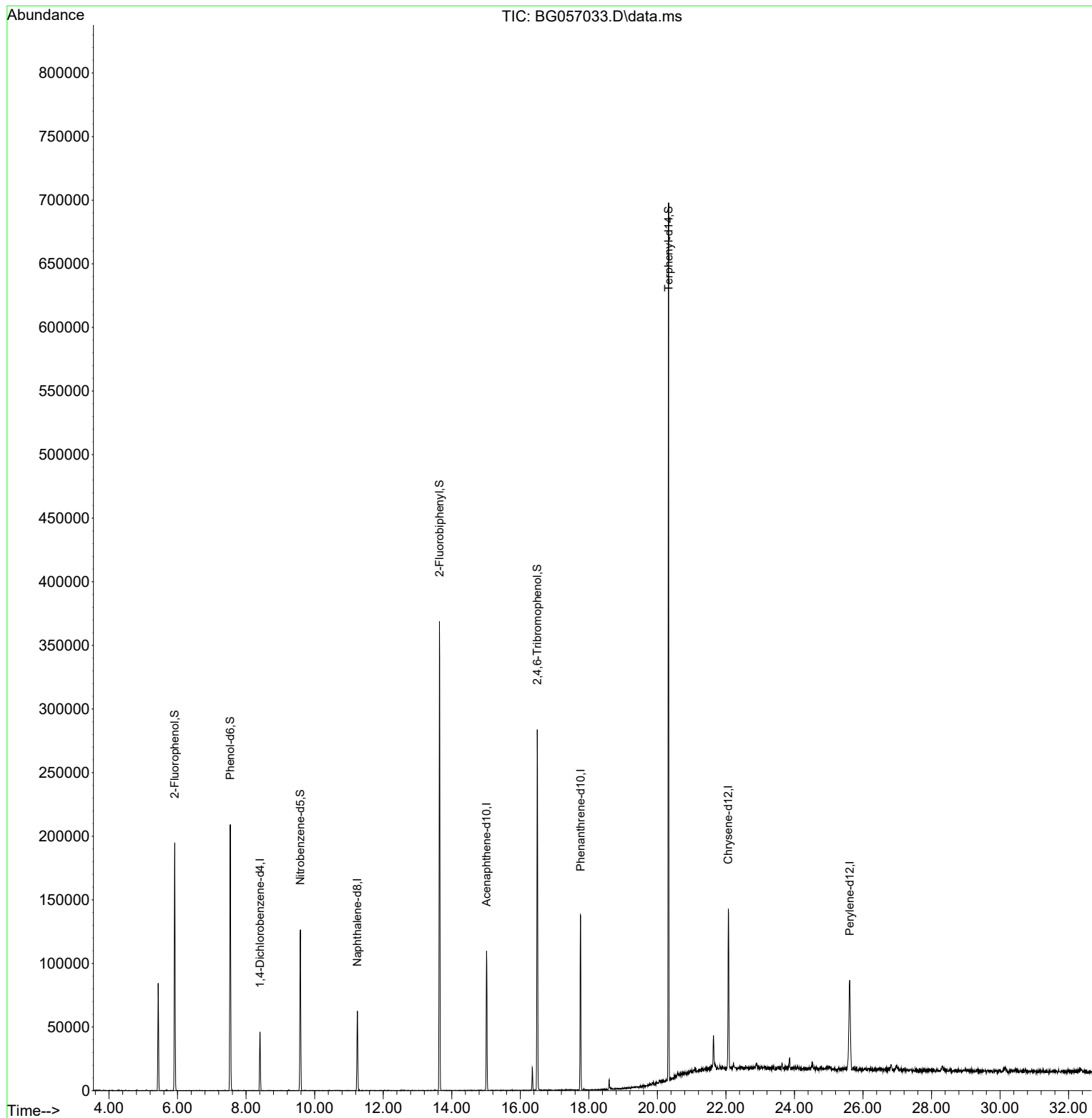
Target Compounds	Qvalue

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

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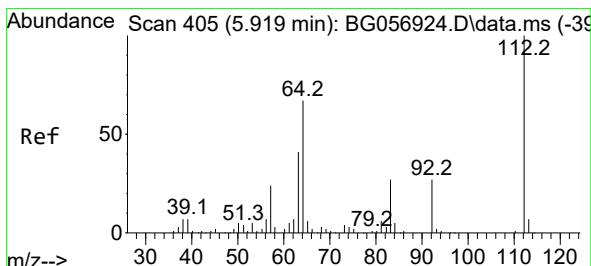
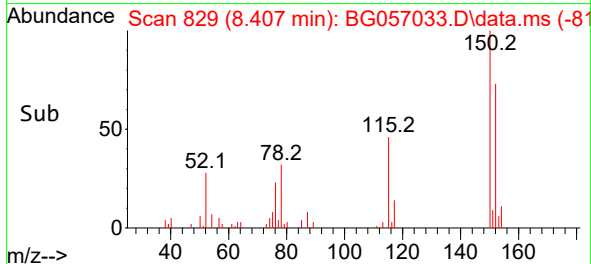
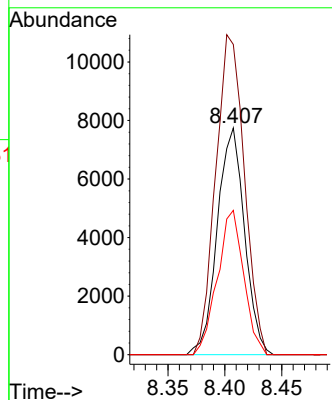
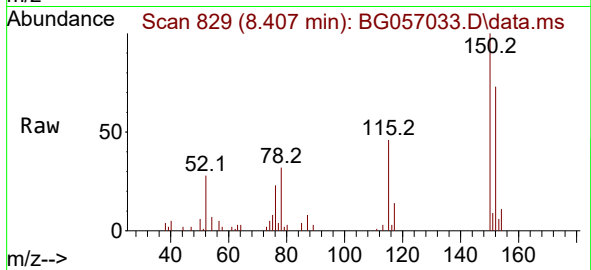




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.407 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG057033.D
Acq: 7 Apr 2023 19:26

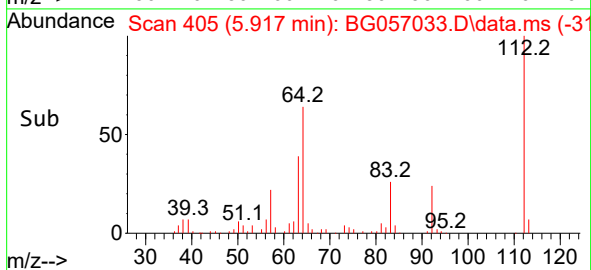
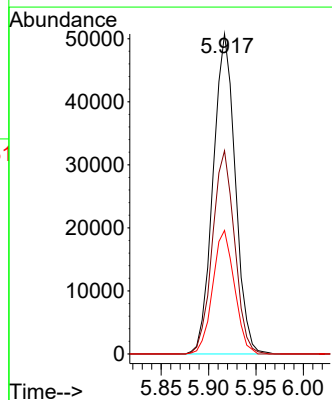
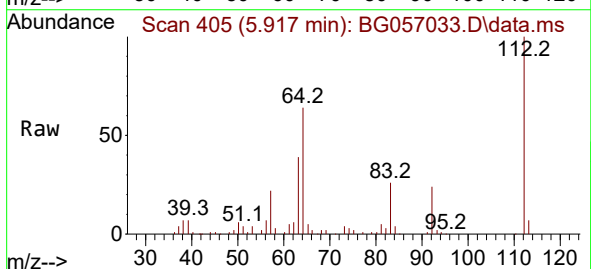
Instrument :
BNA_G
ClientSampleId :
OU3-FC-BACKFILL-10

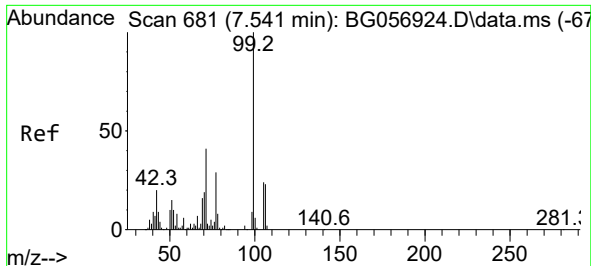
Tgt Ion:152 Resp: 12906
Ion Ratio Lower Upper
152 100
150 136.9 124.1 186.1
115 63.6 49.1 73.7



#5
2-Fluorophenol
Concen: 102.325 ng
RT: 5.917 min Scan# 405
Delta R.T. -0.000 min
Lab File: BG057033.D
Acq: 7 Apr 2023 19:26

Tgt Ion:112 Resp: 82515
Ion Ratio Lower Upper
112 100
64 63.5 53.2 79.8
63 38.6 32.6 48.8

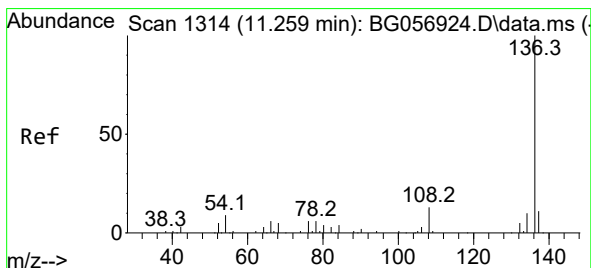
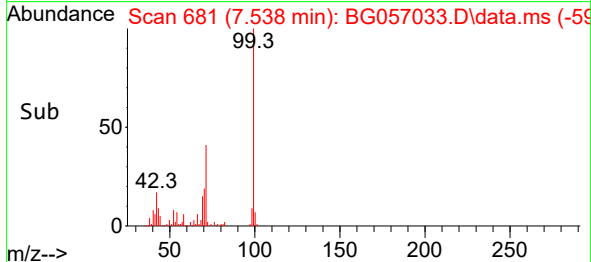
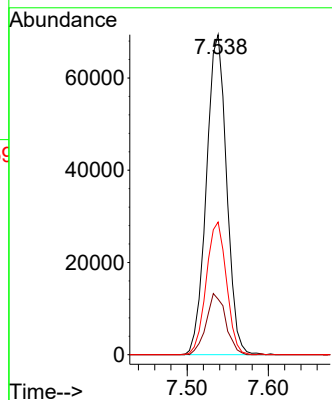
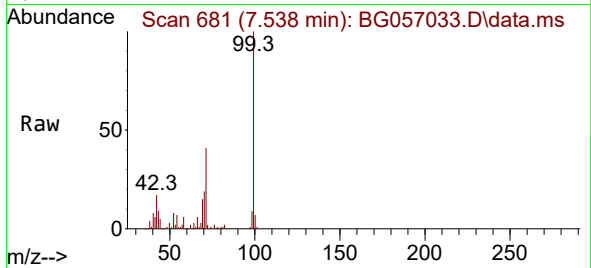




#7
Phenol-d6
Concen: 99.182 ng
RT: 7.538 min Scan# 61
Delta R.T. -0.000 min
Lab File: BG057033.D
Acq: 7 Apr 2023 19:26

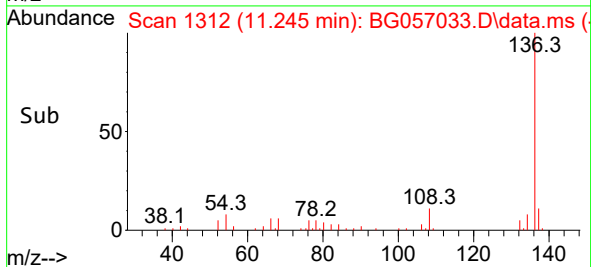
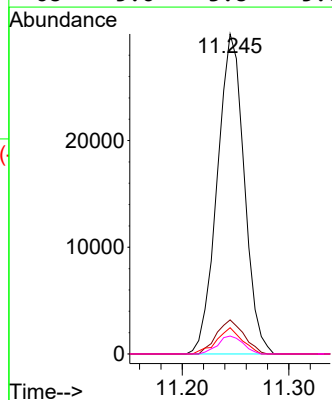
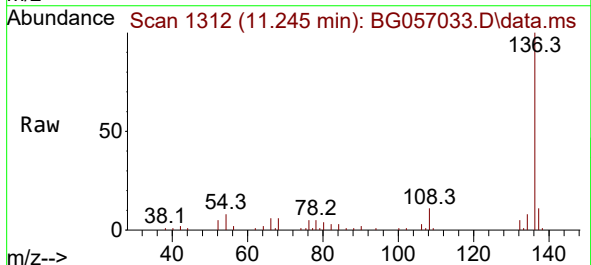
Instrument :
BNA_G
ClientSampleId :
OU3-FC-BACKFILL-10

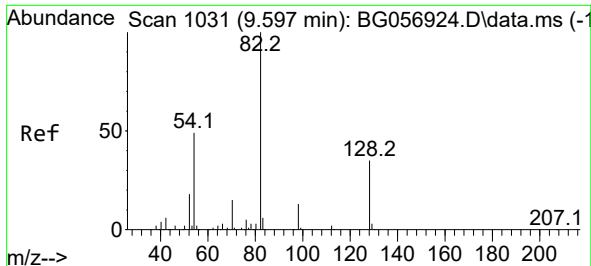
Tgt Ion: 99 Resp: 119621
Ion Ratio Lower Upper
99 100
42 17.3 15.7 23.5
71 41.4 32.5 48.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.245 min Scan# 1312
Delta R.T. -0.006 min
Lab File: BG057033.D
Acq: 7 Apr 2023 19:26

Tgt Ion:136 Resp: 52673
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 8.2 6.9 10.3
68 5.6 3.8 5.6

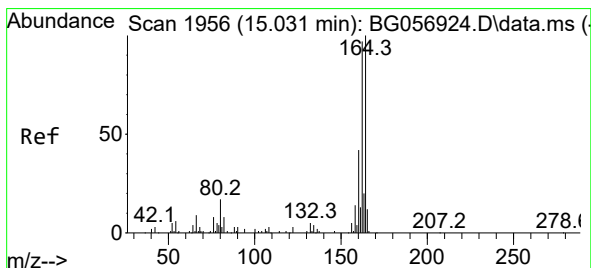
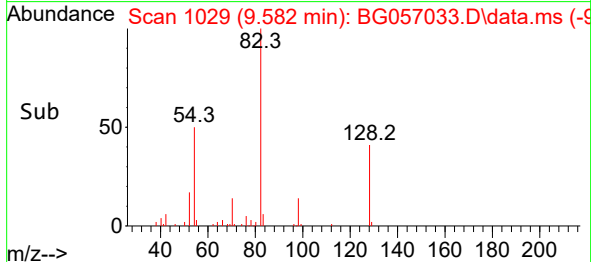
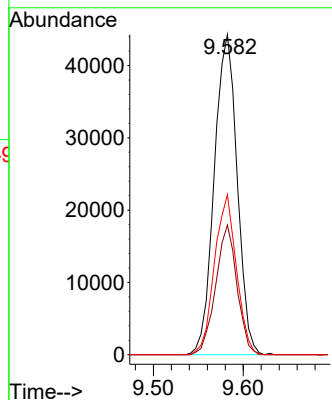
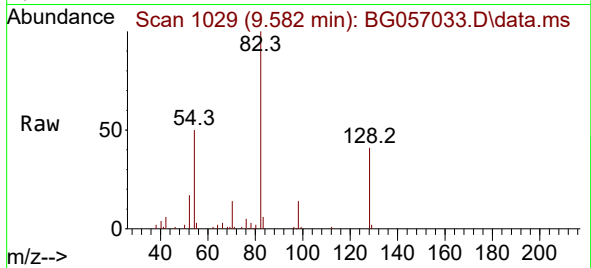




#23
Nitrobenzene-d5
Concen: 60.869 ng
RT: 9.582 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BG057033.D
Acq: 7 Apr 2023 19:26

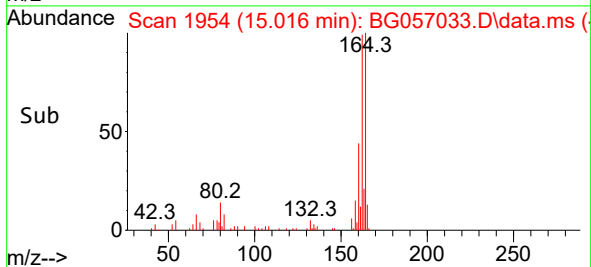
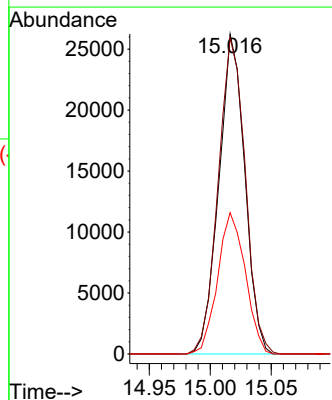
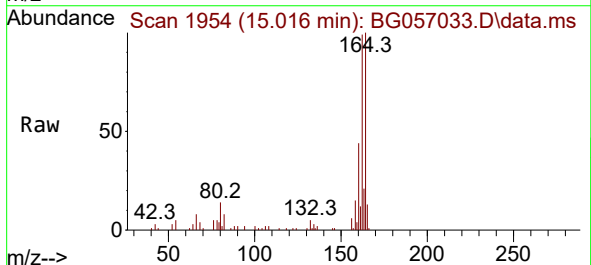
Instrument :
BNA_G
ClientSampleId :
OU3-FC-BACKFILL-10

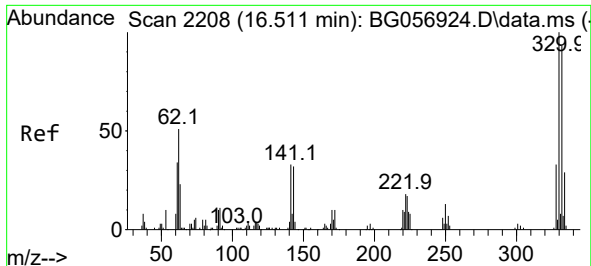
Tgt Ion: 82 Resp: 78356
Ion Ratio Lower Upper
82 100
128 40.5 27.9 41.9
54 50.0 39.4 59.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.016 min Scan# 1954
Delta R.T. -0.006 min
Lab File: BG057033.D
Acq: 7 Apr 2023 19:26

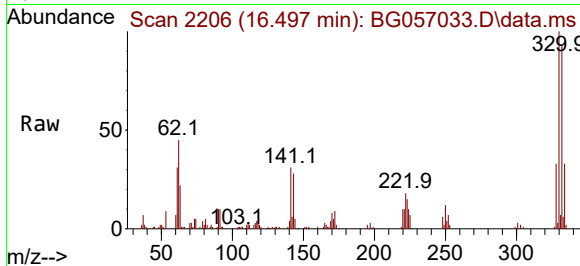
Tgt Ion: 164 Resp: 38775
Ion Ratio Lower Upper
164 100
162 98.8 77.8 116.8
160 44.1 33.5 50.3



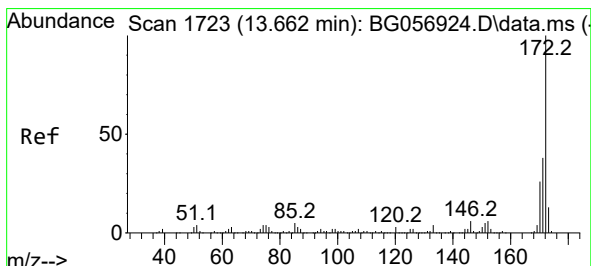
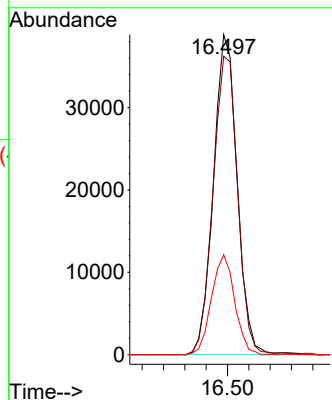
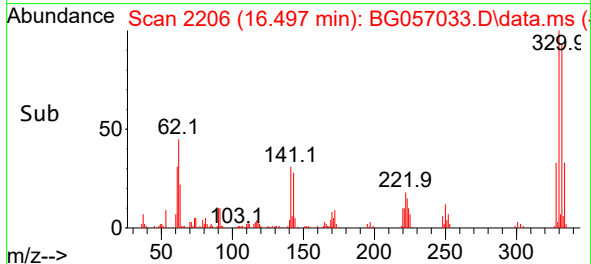


#42
2,4,6-Tribromophenol
Concen: 96.399 ng
RT: 16.497 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG057033.D
Acq: 7 Apr 2023 19:26

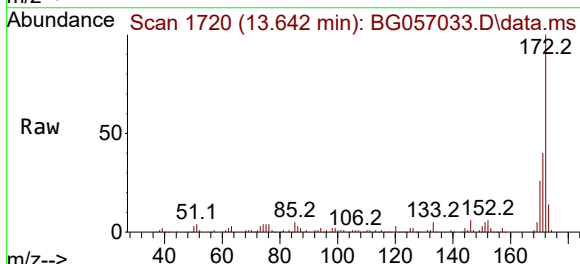
Instrument :
BNA_G
ClientSampleId :
OU3-FC-BACKFILL-10



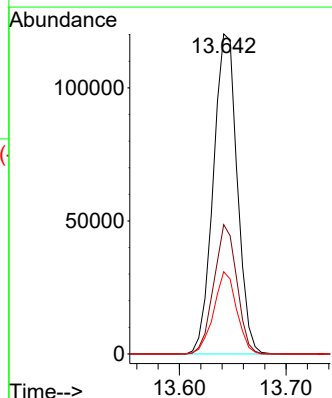
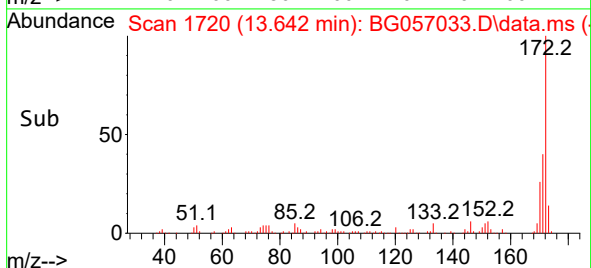
Tgt Ion:330 Resp: 59714
Ion Ratio Lower Upper
330 100
332 97.4 76.1 114.1
141 30.6 25.8 38.6

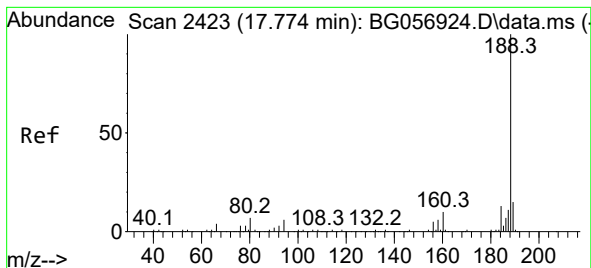


#45
2-Fluorobiphenyl
Concen: 65.431 ng
RT: 13.642 min Scan# 1720
Delta R.T. -0.006 min
Lab File: BG057033.D
Acq: 7 Apr 2023 19:26



Tgt Ion:172 Resp: 187098
Ion Ratio Lower Upper
172 100
171 40.4 30.6 46.0
170 25.7 20.6 30.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.760 min Scan# 2423

Delta R.T. -0.000 min

Lab File: BG057033.D

Acq: 7 Apr 2023 19:26

Instrument :

BNA_G

ClientSampleId :

OU3-FC-BACKFILL-10

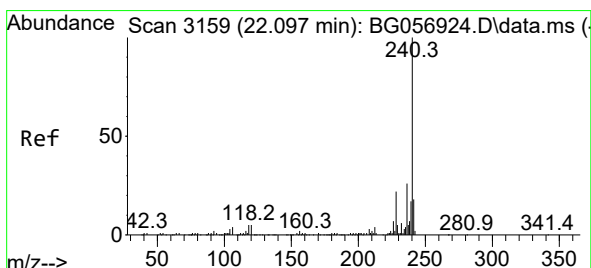
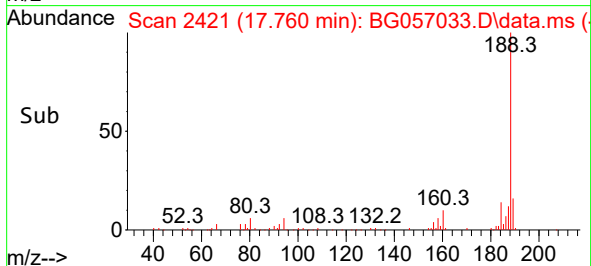
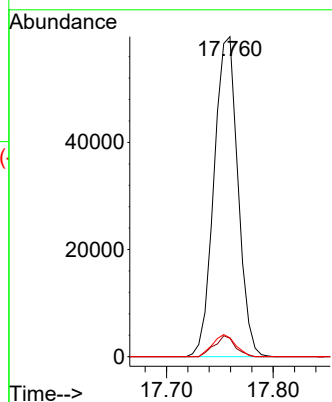
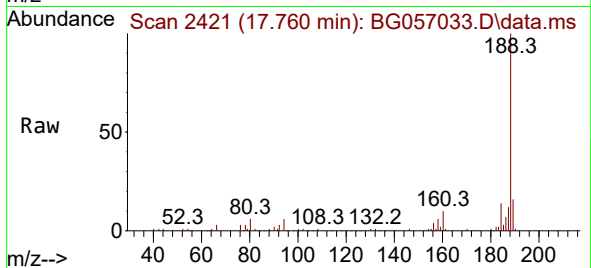
Tgt Ion:188 Resp: 92868

Ion Ratio Lower Upper

188 100

94 5.8 4.6 6.8

80 5.9 5.5 8.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.071 min Scan# 3155

Delta R.T. -0.012 min

Lab File: BG057033.D

Acq: 7 Apr 2023 19:26

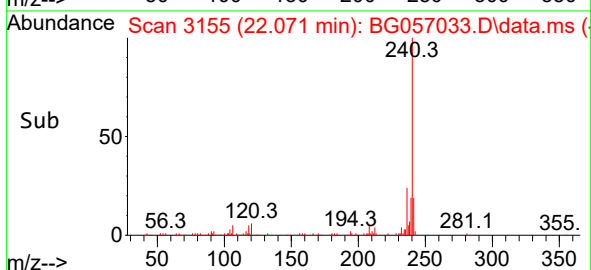
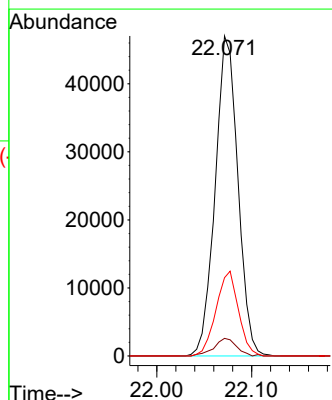
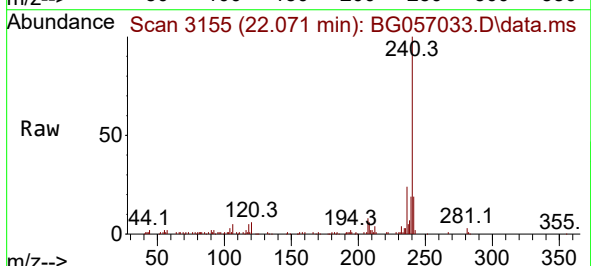
Tgt Ion:240 Resp: 78319

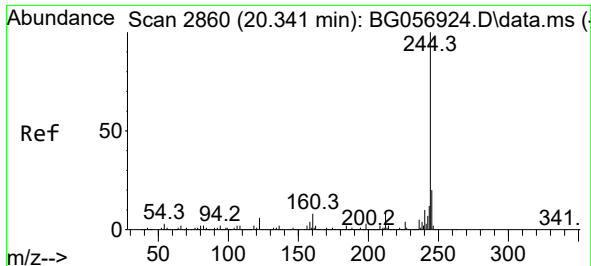
Ion Ratio Lower Upper

240 100

120 5.5 3.8 5.6

236 24.5 21.0 31.6

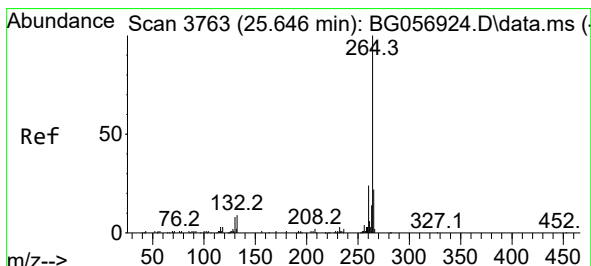
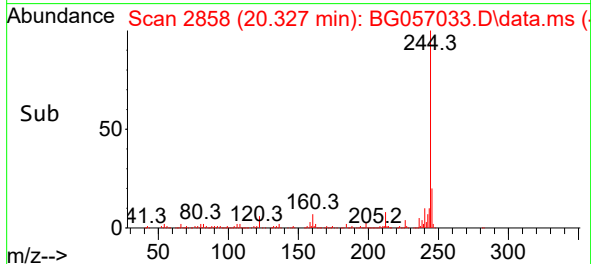
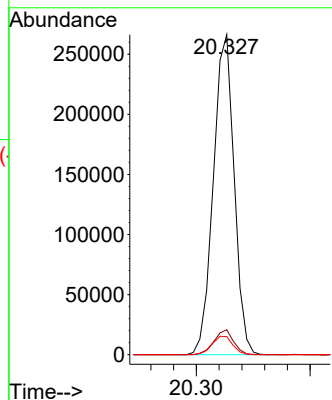
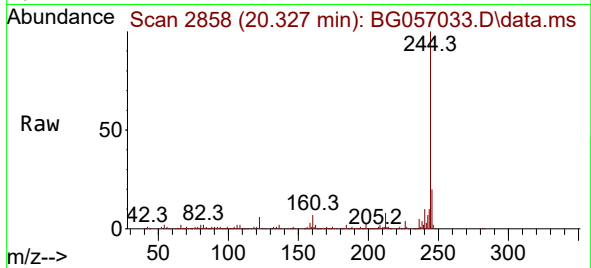




#79
 Terphenyl-d14
 Concen: 73.081 ng
 RT: 20.327 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BG057033.D
 Acq: 7 Apr 2023 19:26

Instrument :
 BNA_G
 ClientSampleId :
 OU3-FC-BACKFILL-10

Tgt Ion:244 Resp: 338246
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.1 9.1
 122 5.7 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.614 min Scan# 3758
 Delta R.T. -0.018 min
 Lab File: BG057033.D
 Acq: 7 Apr 2023 19:26

Tgt Ion:264 Resp: 83681
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.0 28.4
 265 23.7 17.8 26.6

