

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062123\
 Data File : BG057789.D
 Acq On : 21 Jun 2023 18:03
 Operator : CG/JU
 Sample : 03289-10
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-04-12.0-14.0

Quant Time: Jun 22 04:51:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 03:40:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.924	152	25265	20.000	ng	0.00
21) Naphthalene-d8	10.726	136	114906	20.000	ng	0.00
39) Acenaphthene-d10	14.557	164	87400	20.000	ng	0.00
64) Phenanthrene-d10	17.301	188	238852	20.000	ng	0.00
76) Chrysene-d12	21.555	240	217853	20.000	ng	0.00
86) Perylene-d12	24.704	264	268945	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.491	112	140275	85.609	ng	0.00
7) Phenol-d6	7.084	99	209258	83.697	ng	0.00
23) Nitrobenzene-d5	9.081	82	119708	53.468	ng	-0.01
42) 2,4,6-Tribromophenol	16.044	330	110192	90.509	ng	0.00
45) 2-Fluorobiphenyl	13.182	172	300430	52.137	ng	0.00
79) Terphenyl-d14	19.916	244	645896	55.284	ng	0.00

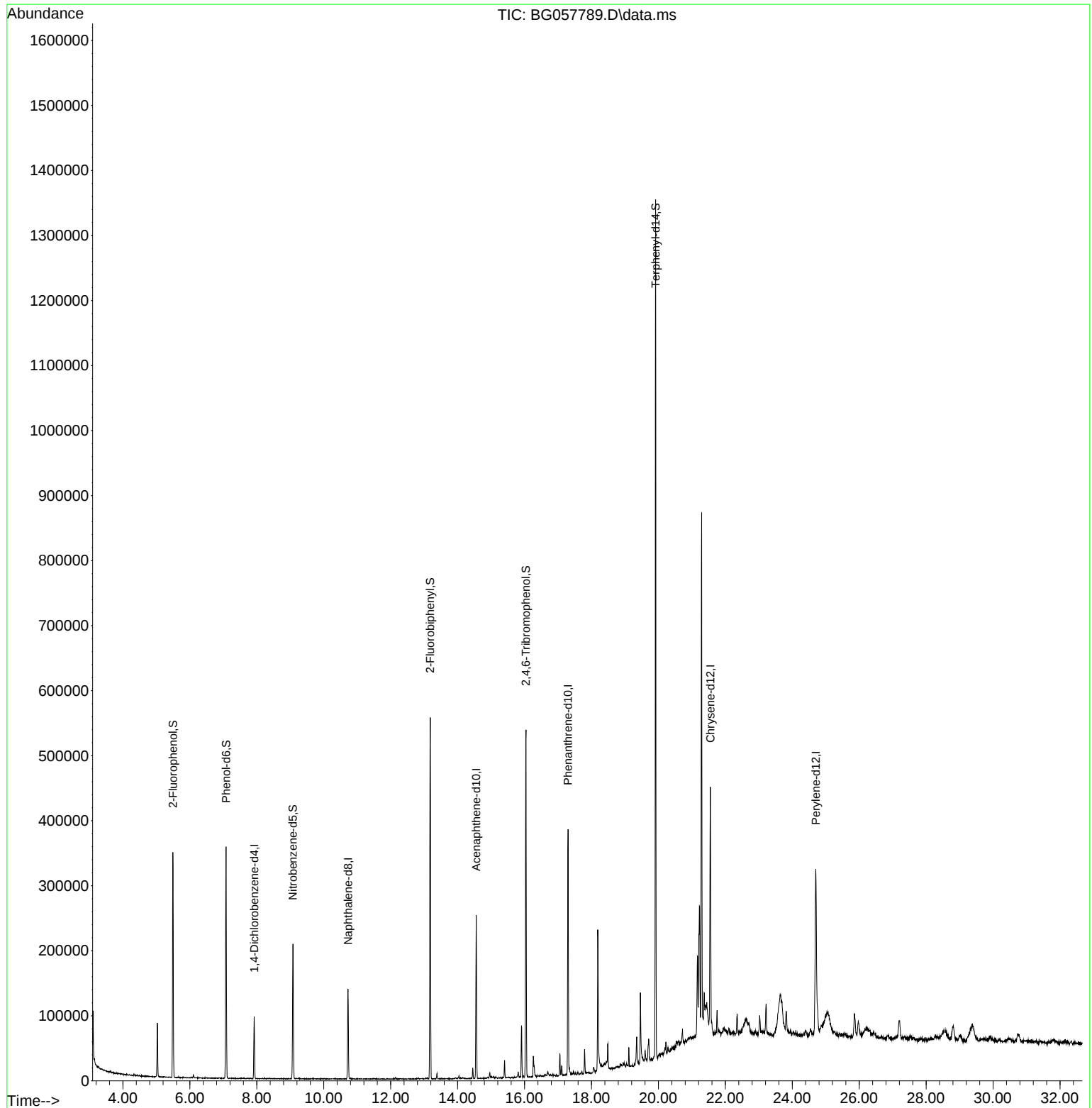
Target Compounds	Qvalue

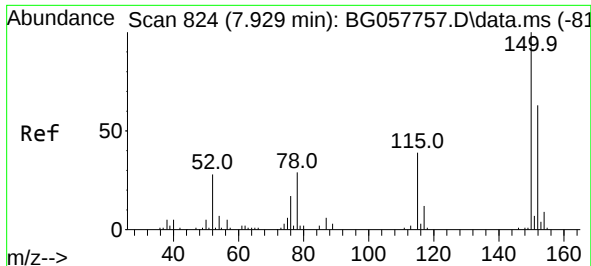
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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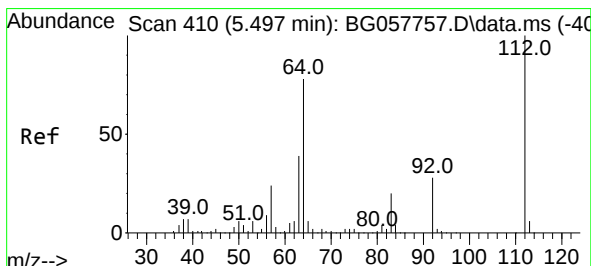
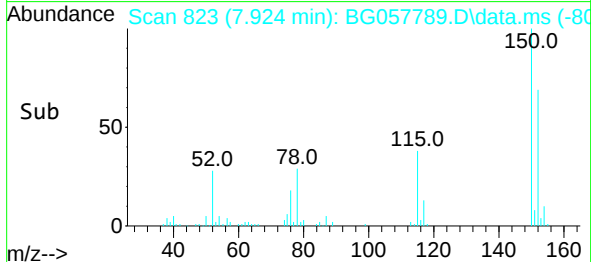
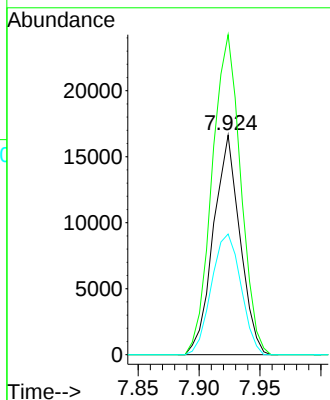
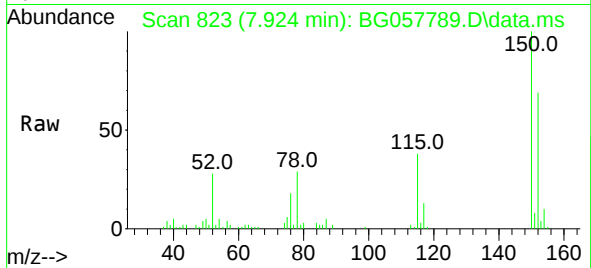




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.924 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG057789.D
Acq: 21 Jun 2023 18:03

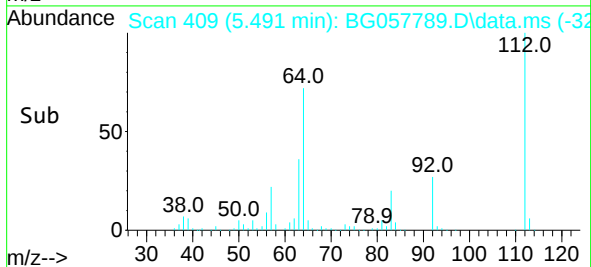
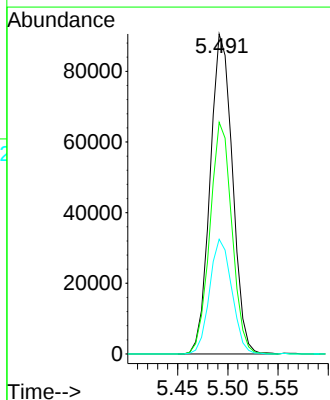
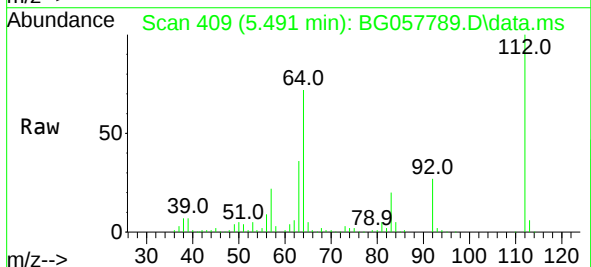
Instrument :
BNA_G
ClientSampleId :
SB-04-12.0-14.0

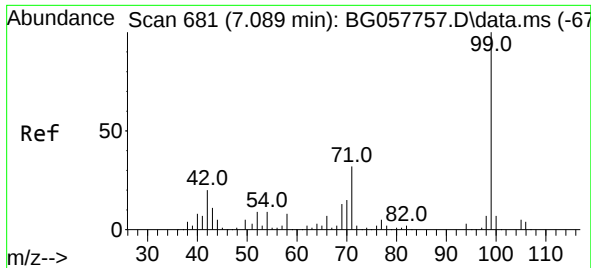
Tgt Ion:152 Resp: 25265
Ion Ratio Lower Upper
152 100
150 145.7 126.6 189.8
115 55.0 48.9 73.3



#5
2-Fluorophenol
Concen: 85.609 ng
RT: 5.491 min Scan# 409
Delta R.T. -0.006 min
Lab File: BG057789.D
Acq: 21 Jun 2023 18:03

Tgt Ion:112 Resp: 140275
Ion Ratio Lower Upper
112 100
64 72.4 62.1 93.1
63 35.8 31.5 47.3

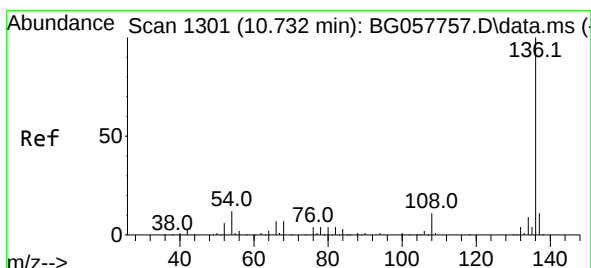
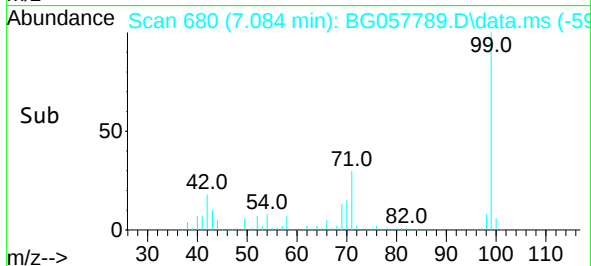
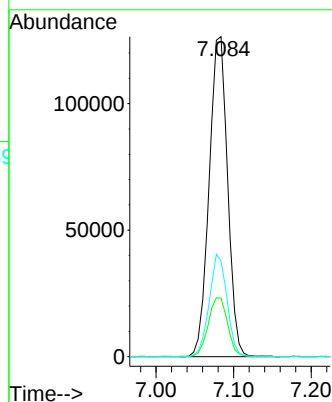
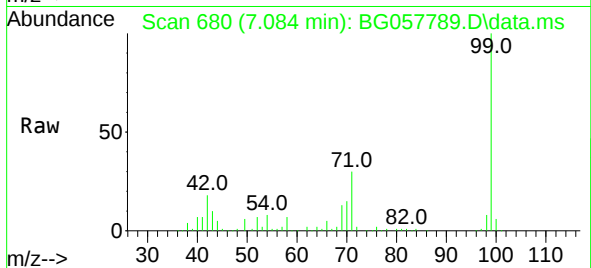




#7
Phenol-d6
Concen: 83.697 ng
RT: 7.084 min Scan# 61
Delta R.T. -0.005 min
Lab File: BG057789.D
Acq: 21 Jun 2023 18:03

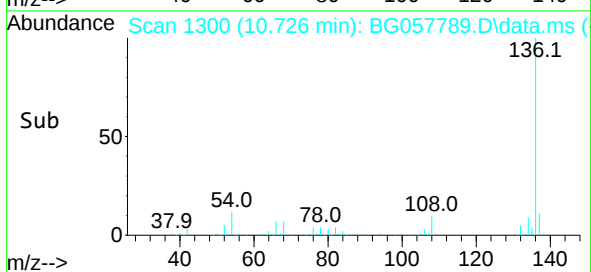
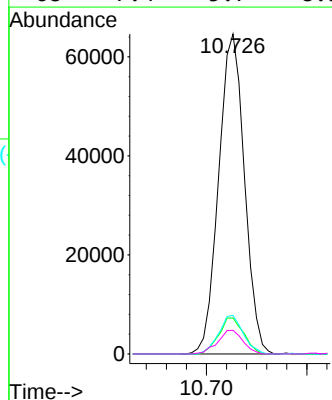
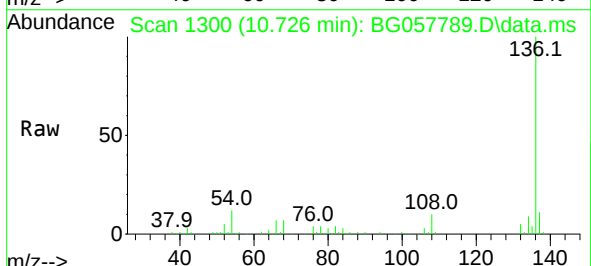
Instrument :
BNA_G
ClientSampleId :
SB-04-12.0-14.0

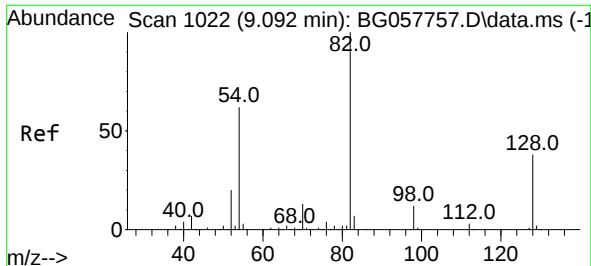
Tgt Ion: 99 Resp: 209258
Ion Ratio Lower Upper
99 100
42 18.3 16.4 24.6
71 29.8 25.8 38.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.726 min Scan# 1300
Delta R.T. -0.005 min
Lab File: BG057789.D
Acq: 21 Jun 2023 18:03

Tgt Ion: 136 Resp: 114906
Ion Ratio Lower Upper
136 100
137 11.3 8.5 12.7
54 12.1 9.5 14.3
68 7.4 5.7 8.5

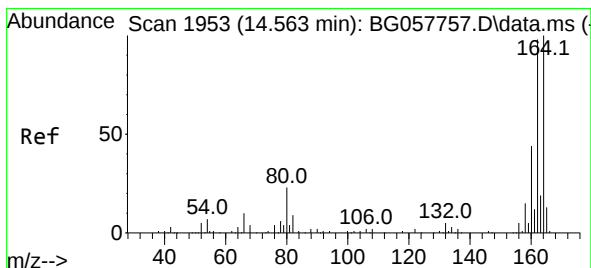
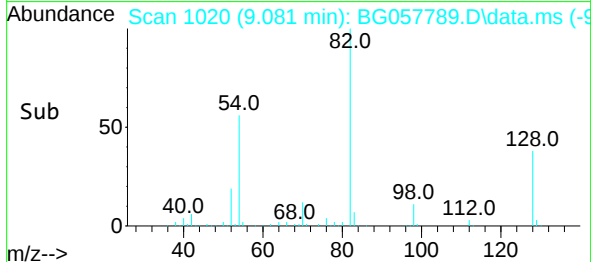
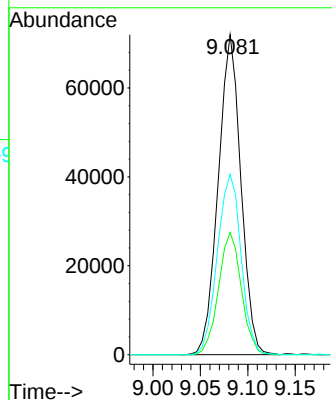
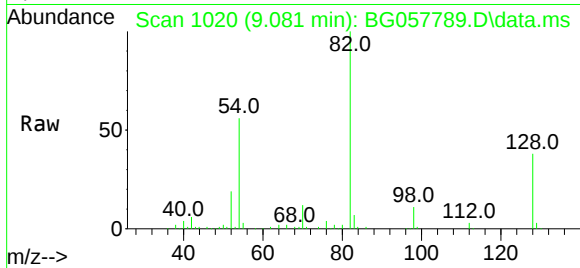




#23
Nitrobenzene-d5
Concen: 53.468 ng
RT: 9.081 min Scan# 1020
Delta R.T. -0.011 min
Lab File: BG057789.D
Acq: 21 Jun 2023 18:03

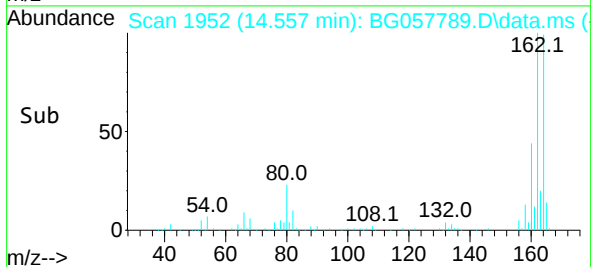
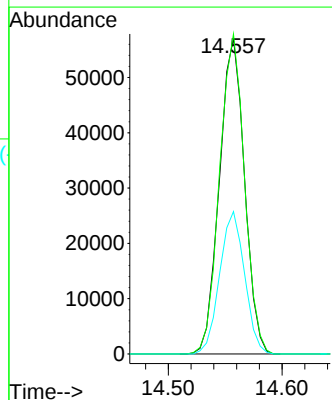
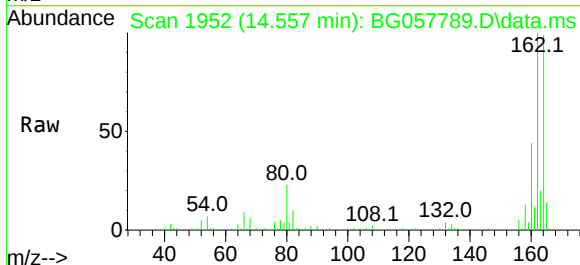
Instrument :
BNA_G
ClientSampleId :
SB-04-12.0-14.0

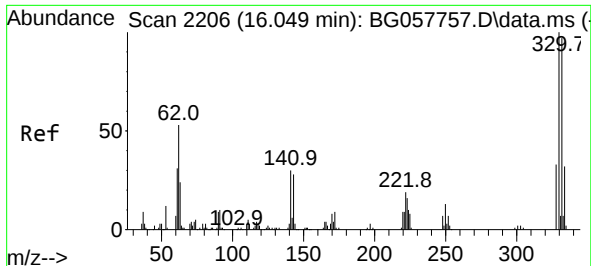
Tgt Ion: 82 Resp: 119708
Ion Ratio Lower Upper
82 100
128 38.2 30.7 46.1
54 56.4 49.6 74.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.557 min Scan# 1952
Delta R.T. -0.005 min
Lab File: BG057789.D
Acq: 21 Jun 2023 18:03

Tgt Ion:164 Resp: 87400
Ion Ratio Lower Upper
164 100
162 101.4 78.3 117.5
160 45.1 35.4 53.0

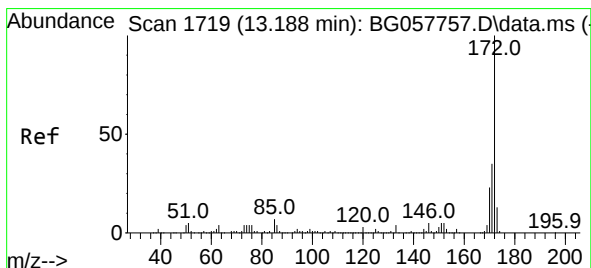
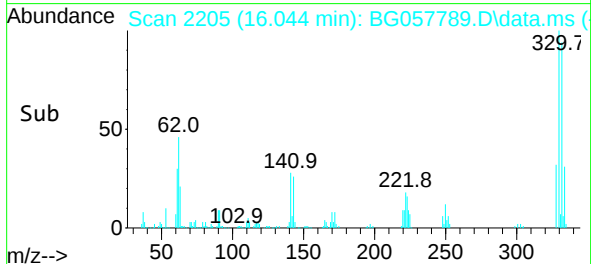
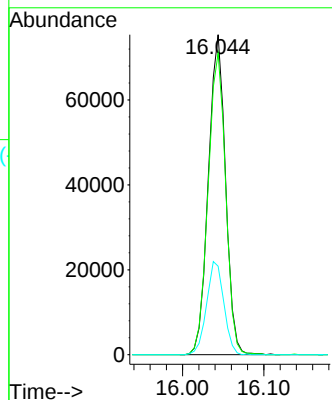
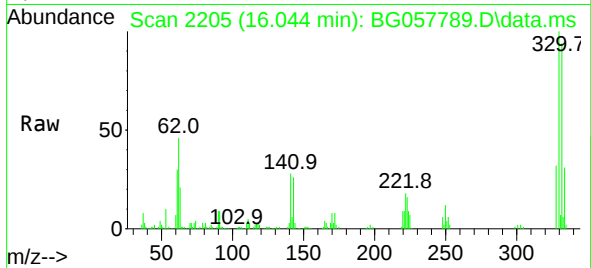




#42
2,4,6-Tribromophenol
Concen: 90.509 ng
RT: 16.044 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG057789.D
Acq: 21 Jun 2023 18:03

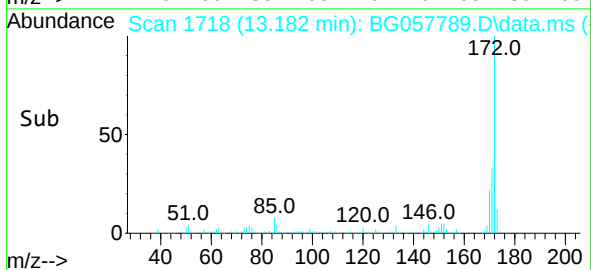
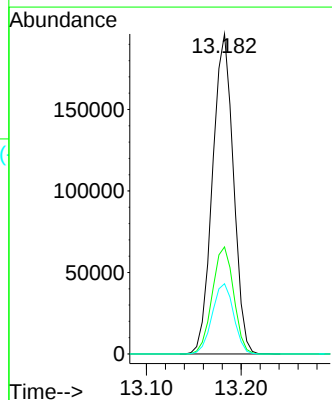
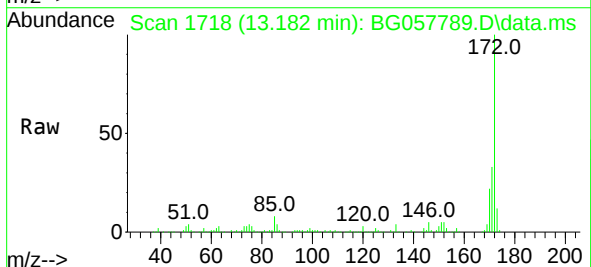
Instrument :
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ClientSampleId :
SB-04-12.0-14.0

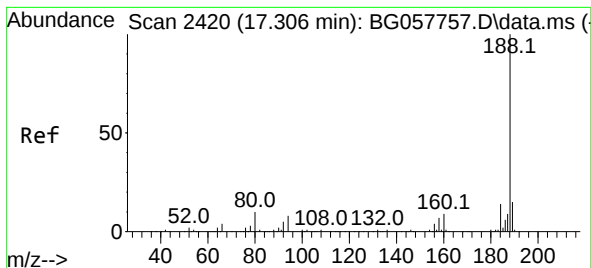
Tgt Ion:330 Resp: 110192
Ion Ratio Lower Upper
330 100
332 96.4 76.6 115.0
141 29.3 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 52.137 ng
RT: 13.182 min Scan# 1718
Delta R.T. -0.005 min
Lab File: BG057789.D
Acq: 21 Jun 2023 18:03

Tgt Ion:172 Resp: 300430
Ion Ratio Lower Upper
172 100
171 33.5 28.1 42.1
170 22.0 18.6 27.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.301 min Scan# 24

Delta R.T. -0.005 min

Lab File: BG057789.D

Acq: 21 Jun 2023 18:03

Instrument :

BNA_G

ClientSampleId :

SB-04-12.0-14.0

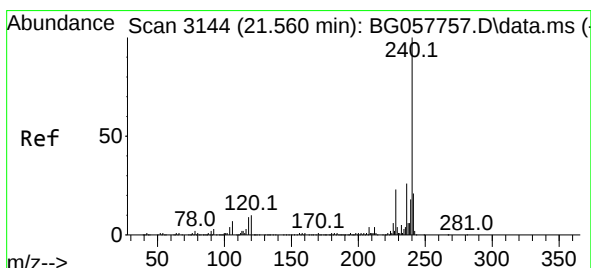
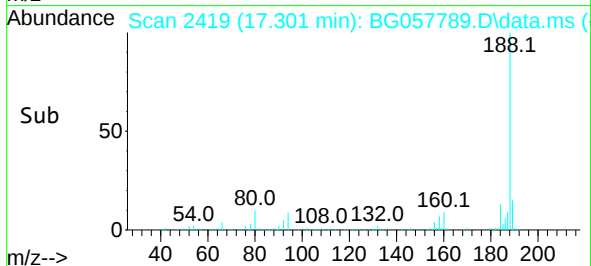
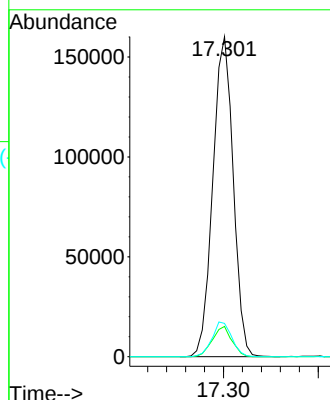
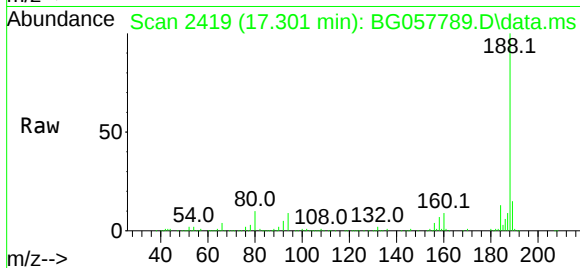
Tgt Ion:188 Resp: 238852

Ion Ratio Lower Upper

188 100

94 9.5 6.6 9.8

80 10.4 7.6 11.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.555 min Scan# 3143

Delta R.T. -0.005 min

Lab File: BG057789.D

Acq: 21 Jun 2023 18:03

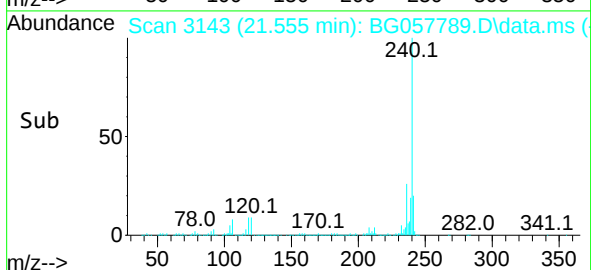
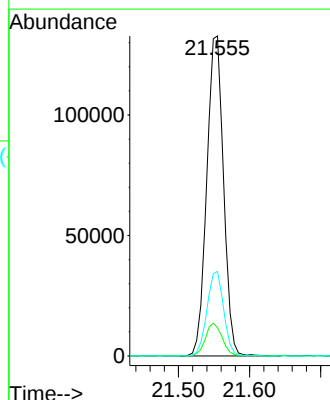
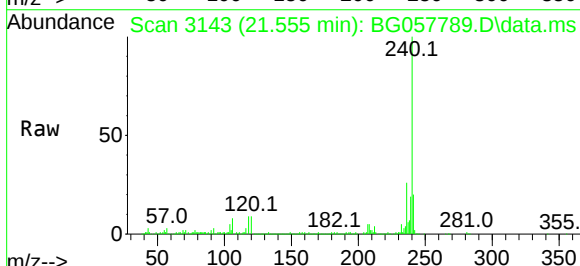
Tgt Ion:240 Resp: 217853

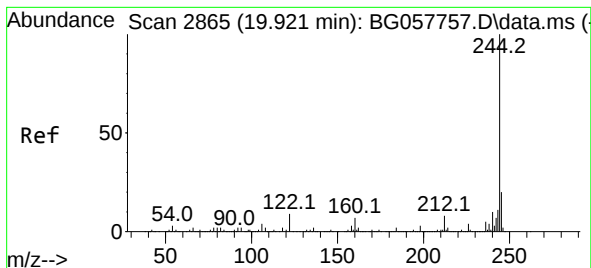
Ion Ratio Lower Upper

240 100

120 8.8 8.1 12.1

236 26.4 20.6 30.8





#79

Terphenyl-d14

Concen: 55.284 ng

RT: 19.916 min Scan# 21

Delta R.T. -0.005 min

Lab File: BG057789.D

Acq: 21 Jun 2023 18:03

Instrument :

BNA_G

ClientSampleId :

SB-04-12.0-14.0

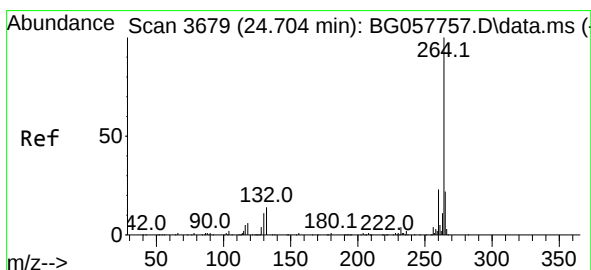
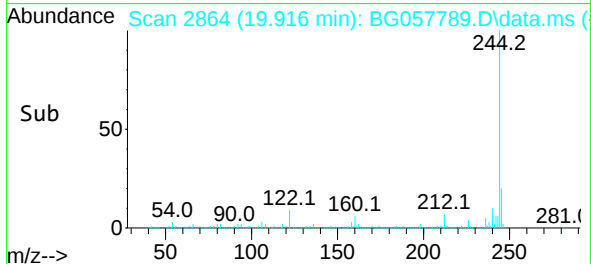
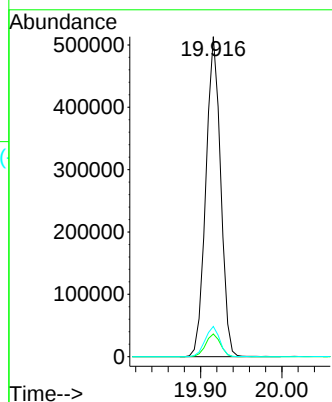
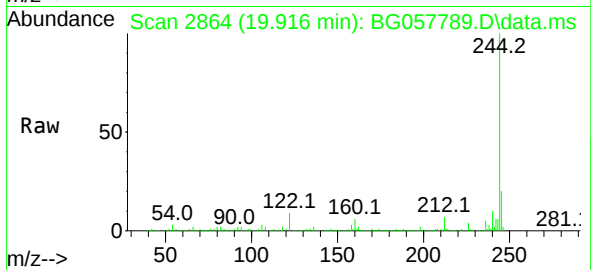
Tgt Ion:244 Resp: 645896

Ion Ratio Lower Upper

244 100

212 7.1 6.1 9.1

122 9.4 7.6 11.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.704 min Scan# 3679

Delta R.T. 0.000 min

Lab File: BG057789.D

Acq: 21 Jun 2023 18:03

Tgt Ion:264 Resp: 268945

Ion Ratio Lower Upper

264 100

260 23.5 18.5 27.7

265 21.8 17.4 26.2

