

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042523\
 Data File : BG057179.D
 Acq On : 25 Apr 2023 16:42
 Operator : CG/JU
 Sample : 02423-16
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SPE-2WC-23-04-18

Quant Time: Apr 26 00:23:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 25 04:59:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.381	152	13583	20.000	ng	0.00
21) Naphthalene-d8	11.218	136	52880	20.000	ng	0.00
39) Acenaphthene-d10	14.995	164	40175	20.000	ng	0.00
64) Phenanthrene-d10	17.733	188	108638	20.000	ng	0.00
76) Chrysene-d12	22.045	240	99777	20.000	ng	#-0.02
86) Perylene-d12	25.558	264	96062	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.896	112	88813	118.490	ng	0.00
7) Phenol-d6	7.517	99	118007	108.814	ng	0.00
23) Nitrobenzene-d5	9.556	82	89861	84.009	ng	0.00
42) 2,4,6-Tribromophenol	16.476	330	63222	119.270	ng	0.00
45) 2-Fluorobiphenyl	13.615	172	215768	72.178	ng	-0.02
79) Terphenyl-d14	20.300	244	457569	80.213	ng	-0.02

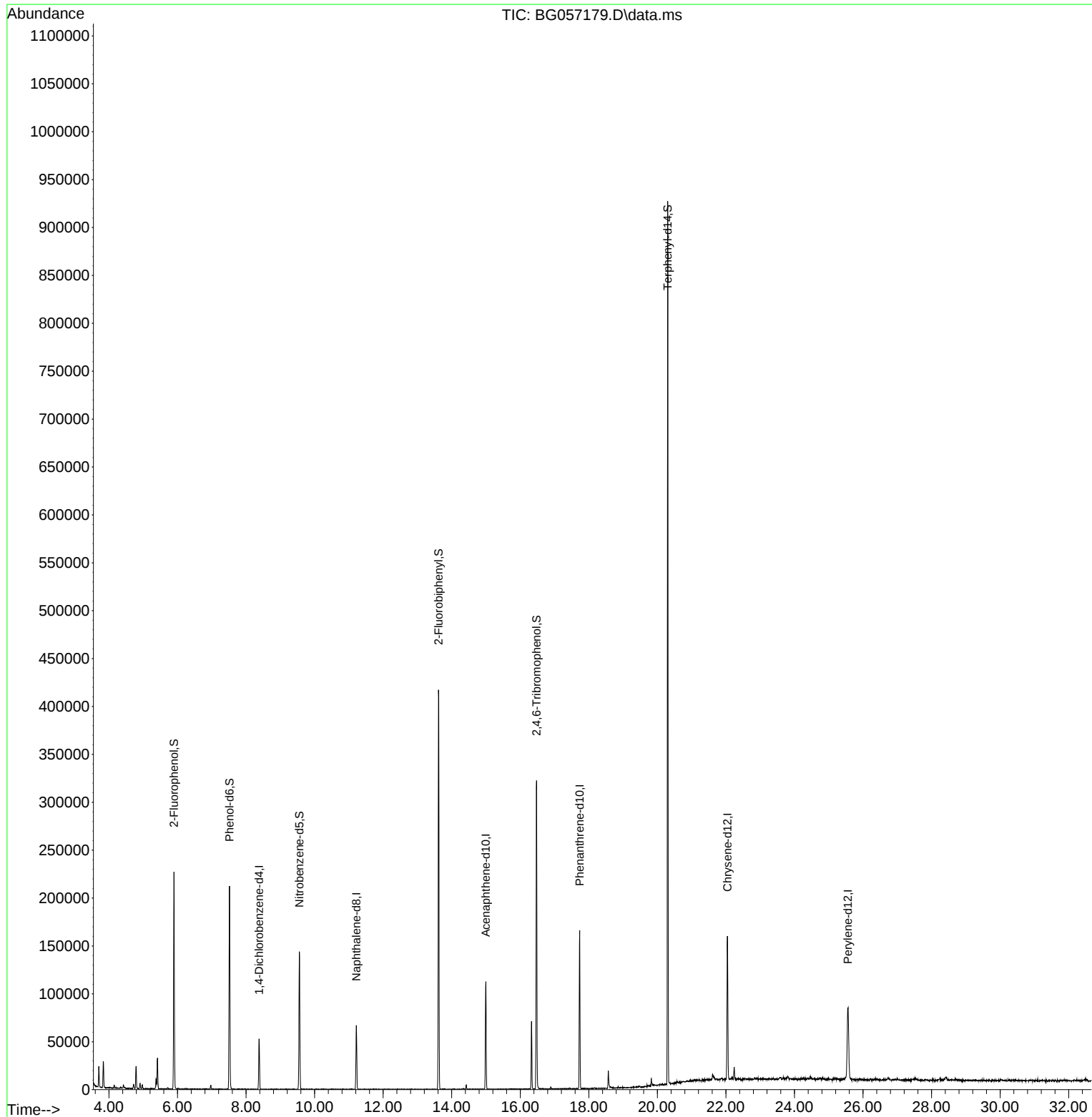
Target Compounds	Qvalue

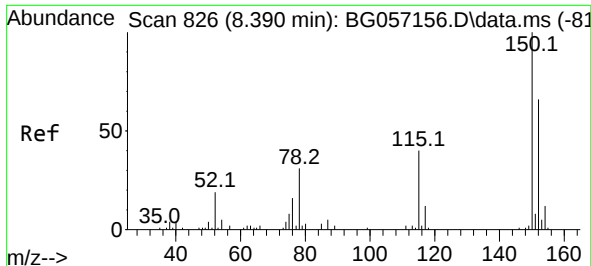
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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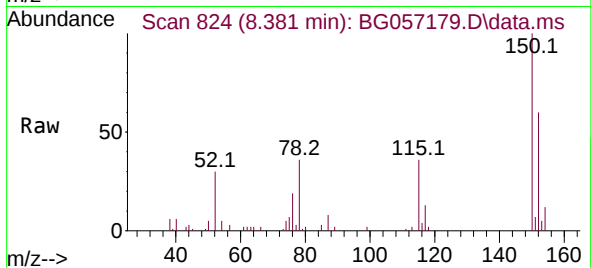
Quant Time: Apr 26 00:23:23 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042423.M
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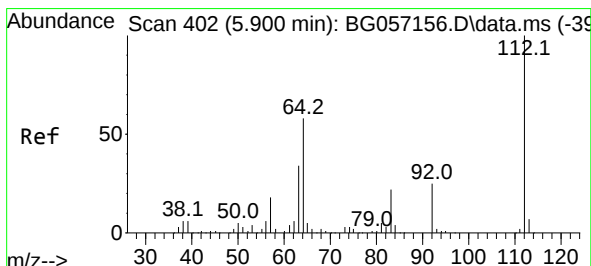
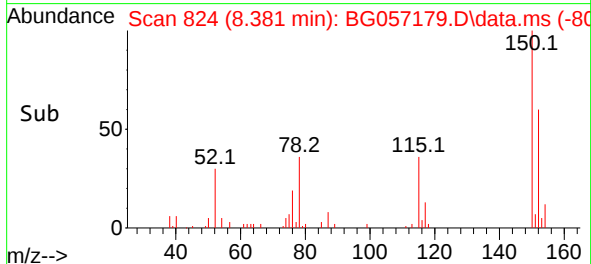
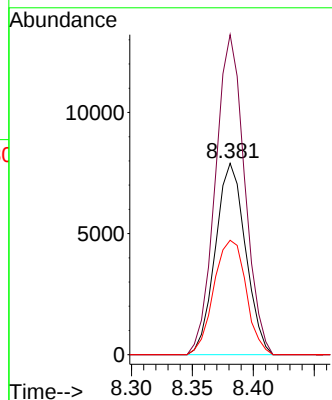


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.381 min Scan# 81
Delta R.T. -0.009 min
Lab File: BG057179.D
Acq: 25 Apr 2023 16:42

Instrument :
BNA_G
ClientSampleId :
SPE-2WC-23-04-18

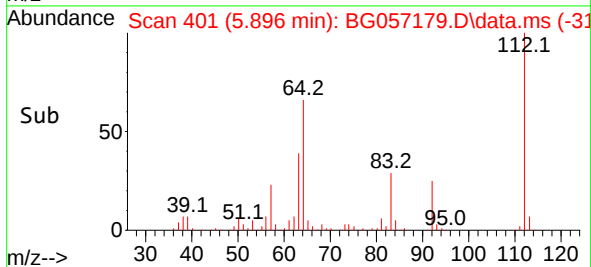
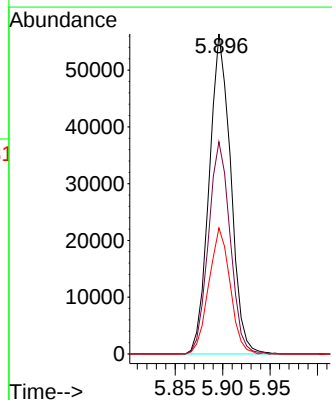
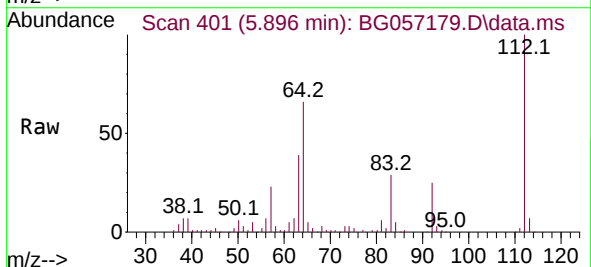


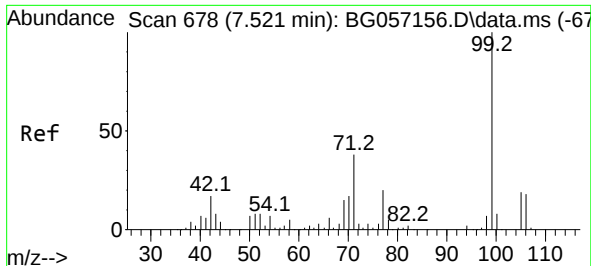
Tgt Ion:152 Resp: 13583
Ion Ratio Lower Upper
152 100
150 167.2 121.4 182.2
115 59.8 48.1 72.1



#5
2-Fluorophenol
Concen: 118.490 ng
RT: 5.896 min Scan# 401
Delta R.T. -0.004 min
Lab File: BG057179.D
Acq: 25 Apr 2023 16:42

Tgt Ion:112 Resp: 88813
Ion Ratio Lower Upper
112 100
64 66.3 46.7 70.1
63 39.3 26.9 40.3

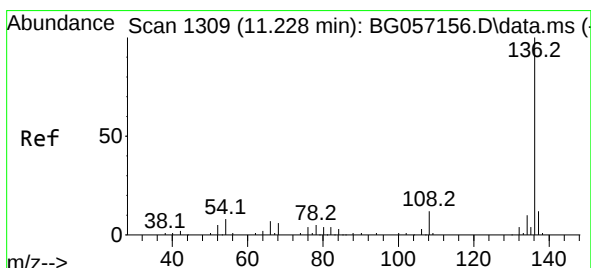
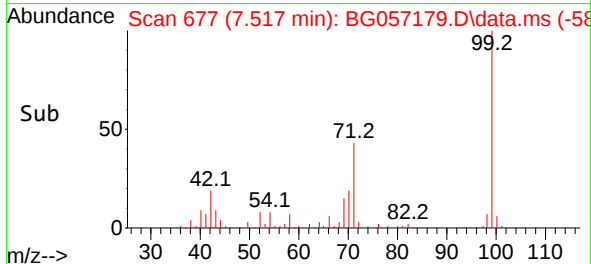
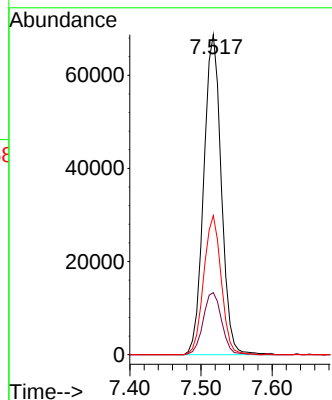
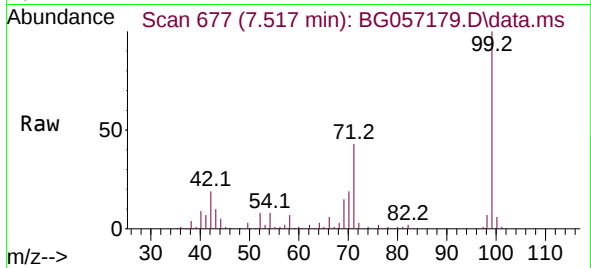




#7
Phenol-d6
Concen: 108.814 ng
RT: 7.517 min Scan# 61
Delta R.T. -0.004 min
Lab File: BG057179.D
Acq: 25 Apr 2023 16:42

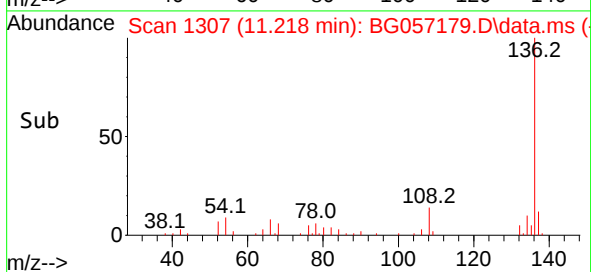
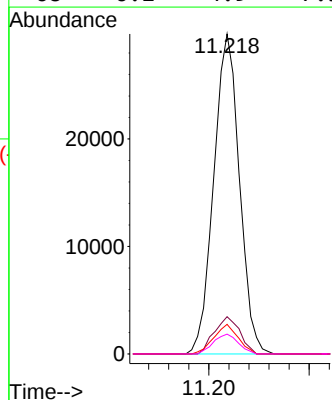
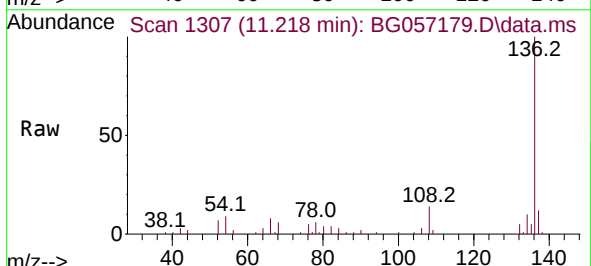
Instrument :
BNA_G
ClientSampleId :
SPE-2WC-23-04-18

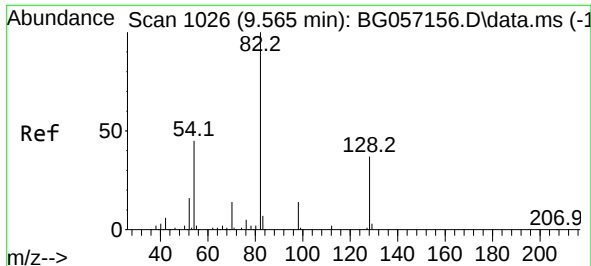
Tgt Ion: 99 Resp: 118007
Ion Ratio Lower Upper
99 100
42 19.4 13.4 20.0
71 43.4 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.218 min Scan# 1307
Delta R.T. -0.009 min
Lab File: BG057179.D
Acq: 25 Apr 2023 16:42

Tgt Ion: 136 Resp: 52880
Ion Ratio Lower Upper
136 100
137 11.6 9.5 14.3
54 9.3 6.4 9.6
68 6.2 4.9 7.3

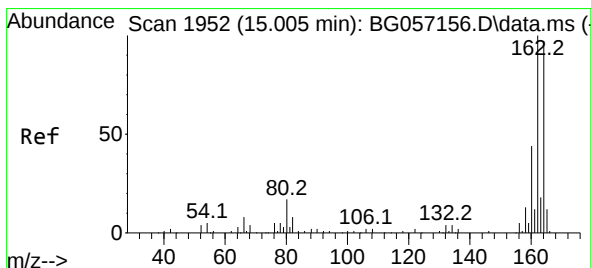
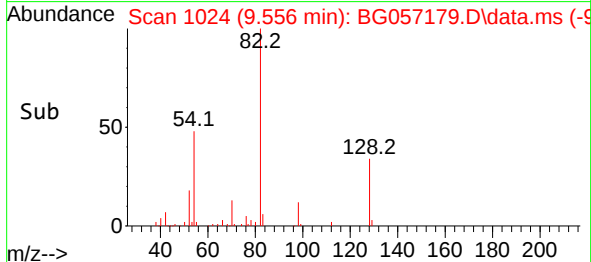
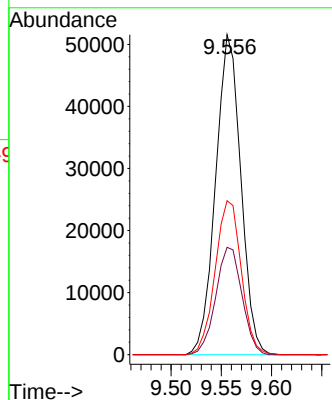
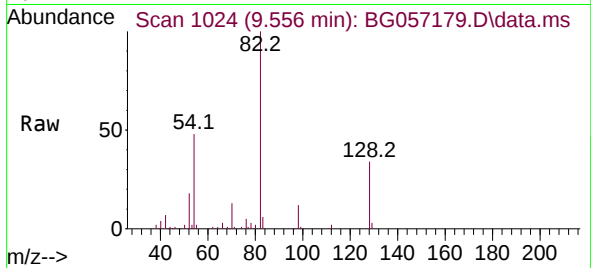




#23
Nitrobenzene-d5
Concen: 84.009 ng
RT: 9.556 min Scan# 1026
Delta R.T. -0.009 min
Lab File: BG057179.D
Acq: 25 Apr 2023 16:42

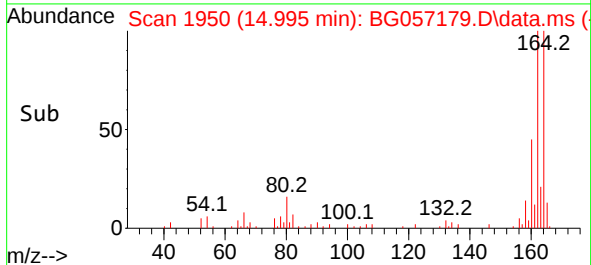
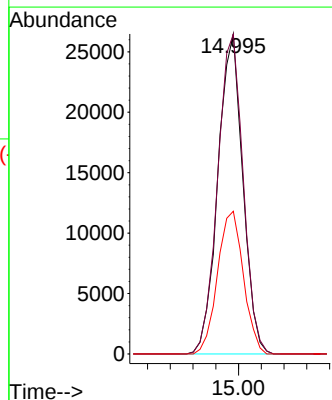
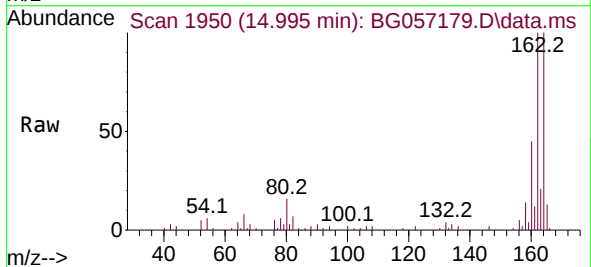
Instrument :
BNA_G
ClientSampleId :
SPE-2WC-23-04-18

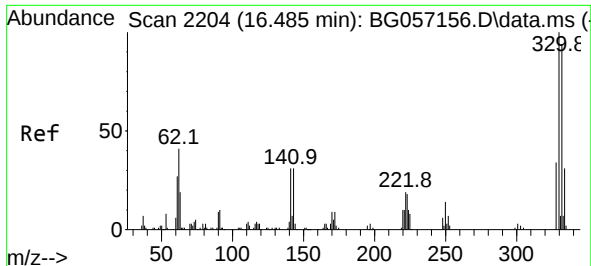
Tgt Ion: 82 Resp: 89861
Ion Ratio Lower Upper
82 100
128 33.5 29.4 44.2
54 48.1 36.2 54.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.995 min Scan# 1950
Delta R.T. -0.010 min
Lab File: BG057179.D
Acq: 25 Apr 2023 16:42

Tgt Ion:164 Resp: 40175
Ion Ratio Lower Upper
164 100
162 99.9 82.4 123.6
160 44.6 36.2 54.2





#42

2,4,6-Tribromophenol

Concen: 119.270 ng

RT: 16.476 min Scan# 21

Delta R.T. -0.009 min

Lab File: BG057179.D

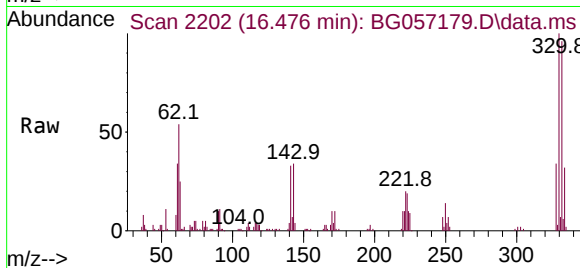
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Instrument :

BNA_G

ClientSampleId :

SPE-2WC-23-04-18



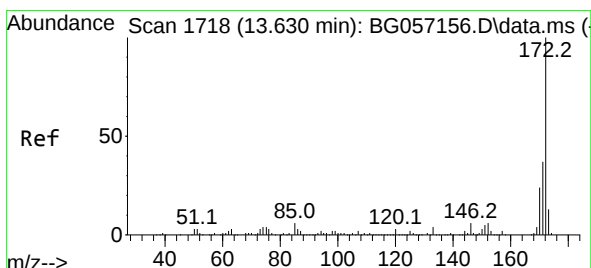
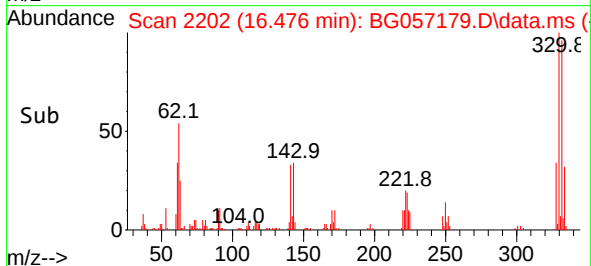
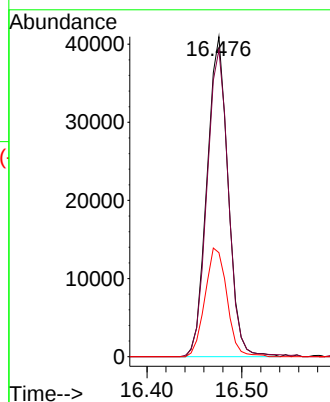
Tgt Ion:330 Resp: 63222

Ion Ratio Lower Upper

330 100

332 97.9 77.6 116.4

141 35.4 26.0 39.0



#45

2-Fluorobiphenyl

Concen: 72.178 ng

RT: 13.615 min Scan# 1715

Delta R.T. -0.015 min

Lab File: BG057179.D

Acq: 25 Apr 2023 16:42

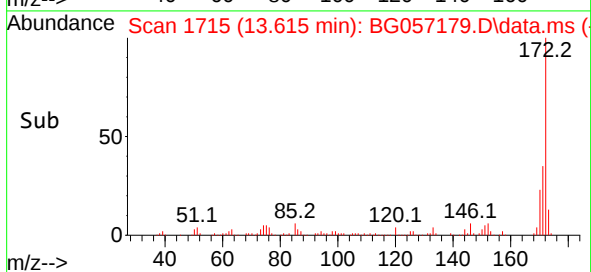
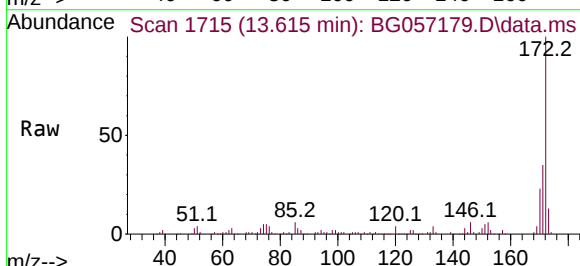
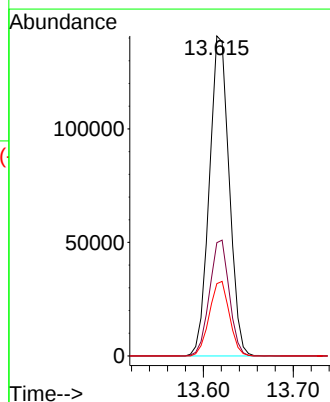
Tgt Ion:172 Resp: 215768

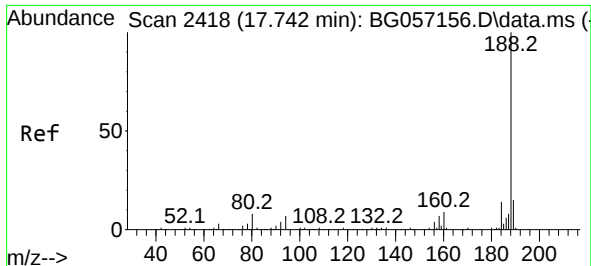
Ion Ratio Lower Upper

172 100

171 35.4 29.2 43.8

170 22.6 19.4 29.2

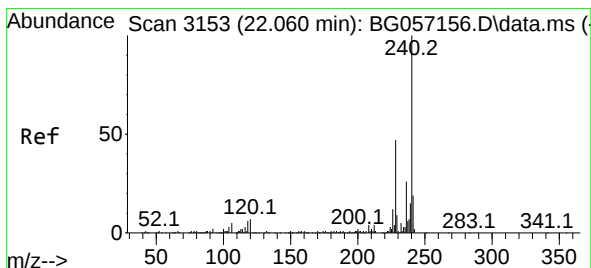
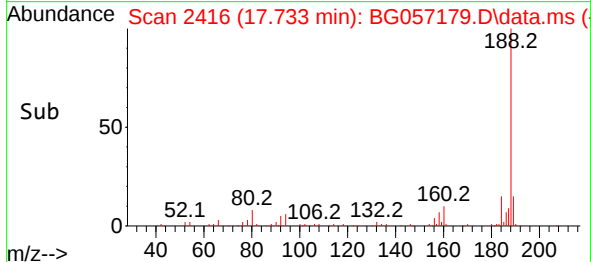
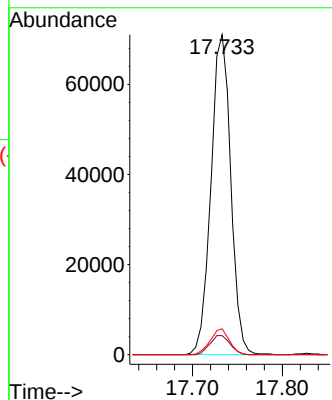
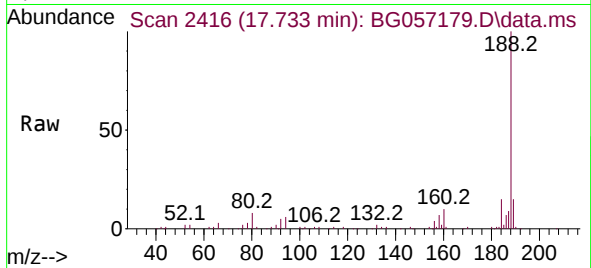




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.733 min Scan# 2418
Delta R.T. -0.009 min
Lab File: BG057179.D
Acq: 25 Apr 2023 16:42

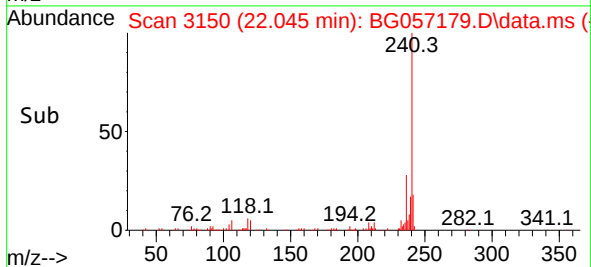
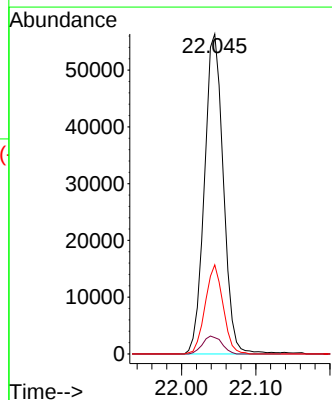
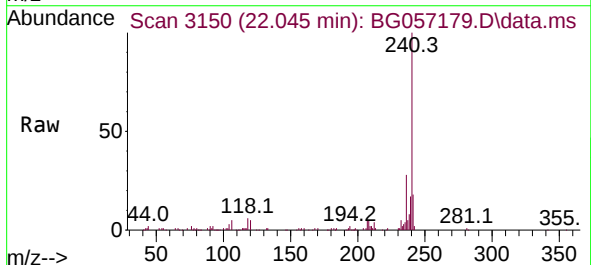
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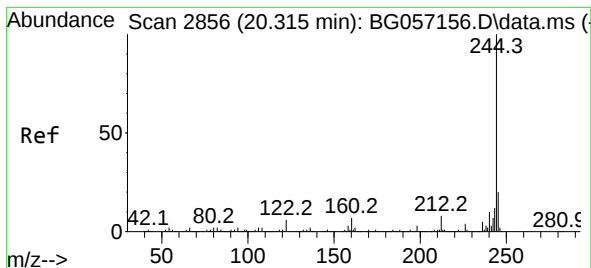
Tgt Ion:188 Resp: 108638
Ion Ratio Lower Upper
188 100
94 5.9 5.4 8.0
80 8.1 6.2 9.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.045 min Scan# 3150
Delta R.T. -0.015 min
Lab File: BG057179.D
Acq: 25 Apr 2023 16:42

Tgt Ion:240 Resp: 99777
Ion Ratio Lower Upper
240 100
120 5.1 5.5 8.3#
236 27.9 20.8 31.2





#79

Terphenyl-d14

Concen: 80.213 ng

RT: 20.300 min Scan# 21

Delta R.T. -0.015 min

Lab File: BG057179.D

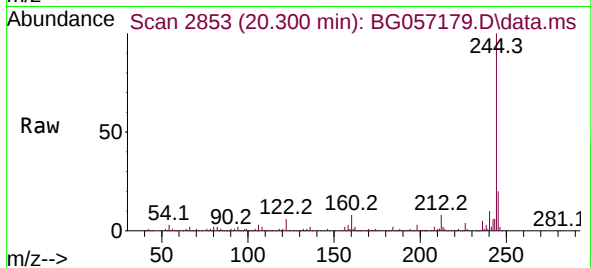
Acq: 25 Apr 2023 16:42

Instrument :

BNA_G

ClientSampleId :

SPE-2WC-23-04-18



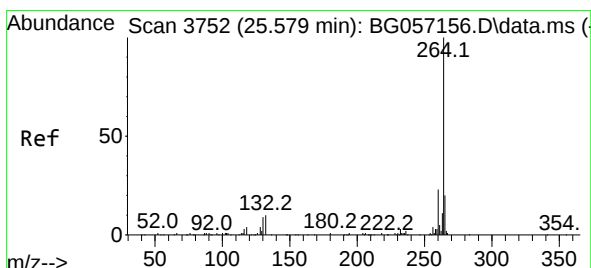
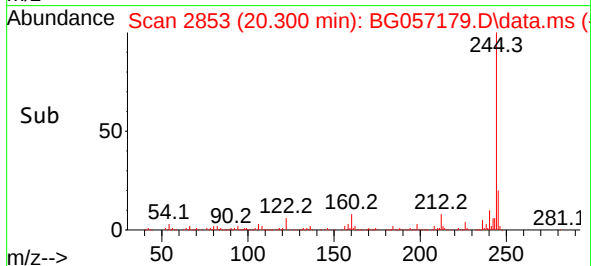
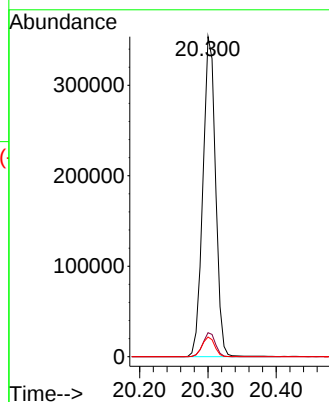
Tgt Ion:244 Resp: 457569

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

122 6.1 5.0 7.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.558 min Scan# 3748

Delta R.T. -0.021 min

Lab File: BG057179.D

Acq: 25 Apr 2023 16:42

Tgt Ion:264 Resp: 96062

Ion Ratio Lower Upper

264 100

260 23.6 18.8 28.2

265 21.7 16.4 24.6

