

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052323\
 Data File : BG057514.D
 Acq On : 23 May 2023 11:11
 Operator : CG/JU
 Sample : 02864-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ETGI-280

Quant Time: May 23 13:12:49 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 20 04:19:55 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.358	152	21523	20.000	ng	0.00
21) Naphthalene-d8	11.195	136	81015	20.000	ng	0.00
39) Acenaphthene-d10	14.966	164	49509	20.000	ng	0.00
64) Phenanthrene-d10	17.710	188	122646	20.000	ng	0.00
76) Chrysene-d12	22.016	240	131818	20.000	ng	0.00
86) Perylene-d12	25.511	264	143940	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.879	112	139955	111.234	ng	0.00
7) Phenol-d6	7.500	99	181235	94.856	ng	0.00
23) Nitrobenzene-d5	9.532	82	141469	73.290	ng	0.00
42) 2,4,6-Tribromophenol	16.452	330	91247	129.893	ng	0.00
45) 2-Fluorobiphenyl	13.592	172	296473	80.650	ng	0.00
79) Terphenyl-d14	20.277	244	611435	75.696	ng	0.00

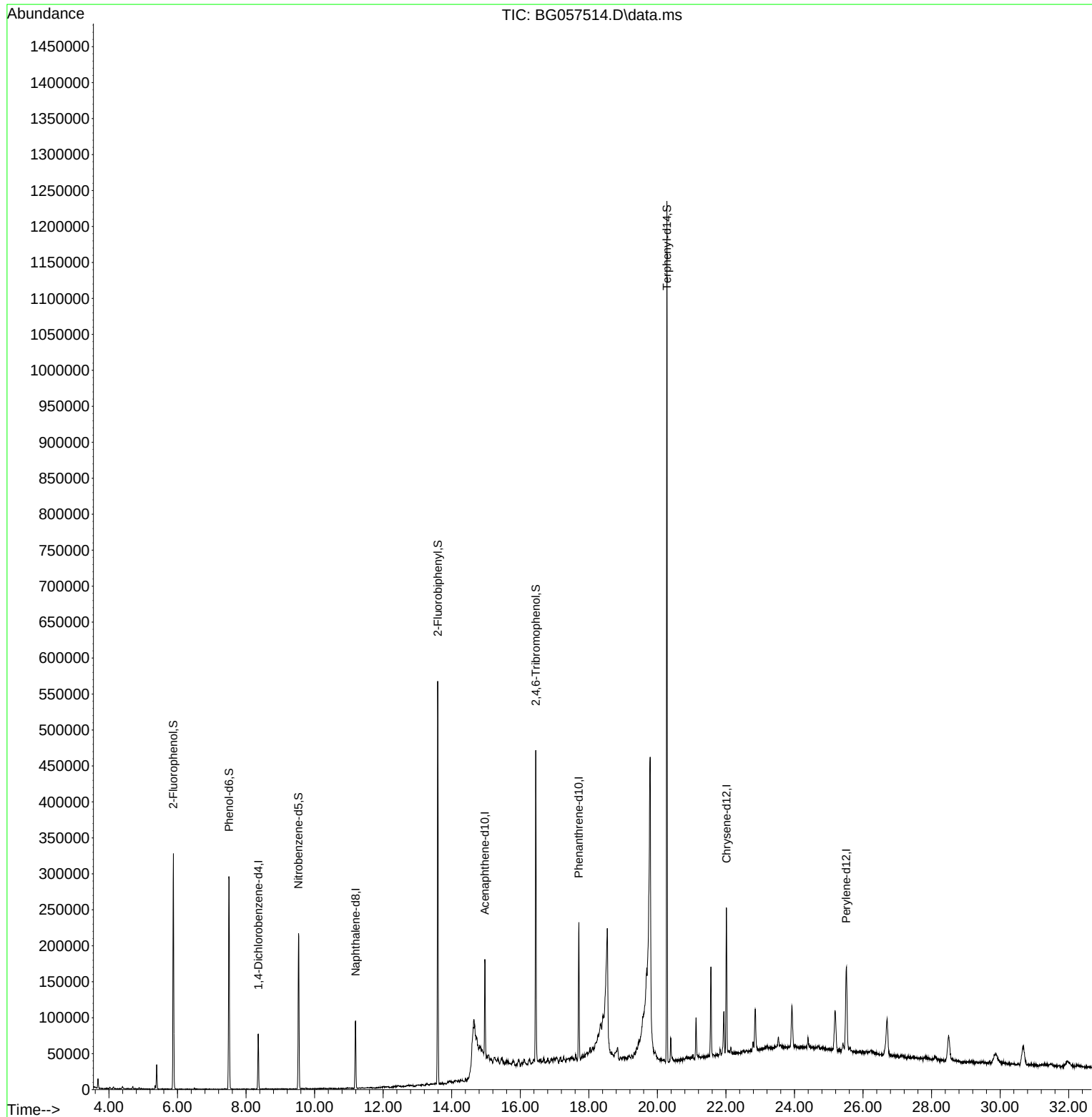
Target Compounds	Qvalue

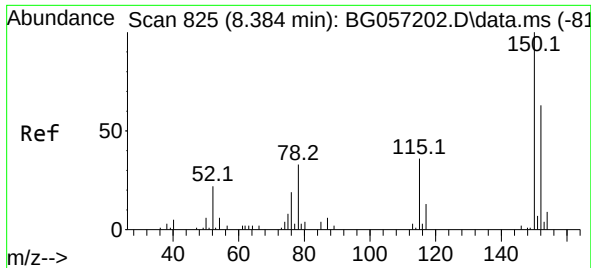
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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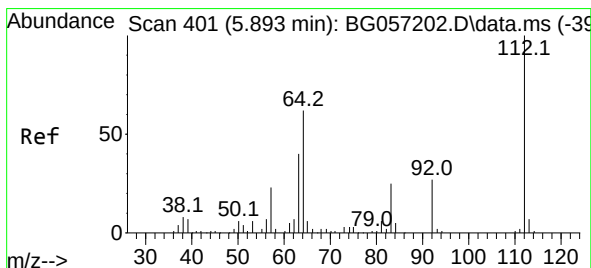
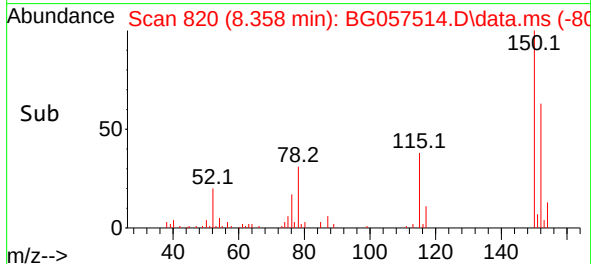
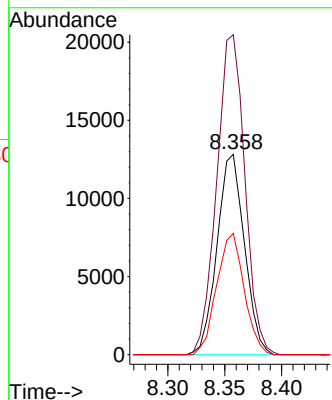
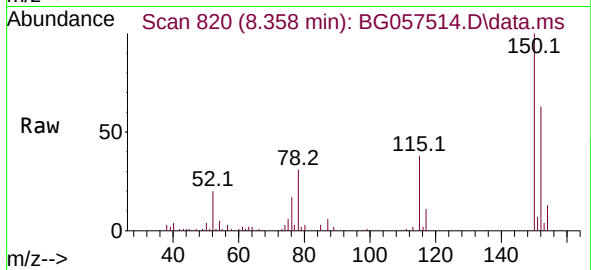




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.358 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG057514.D
Acq: 23 May 2023 11:11

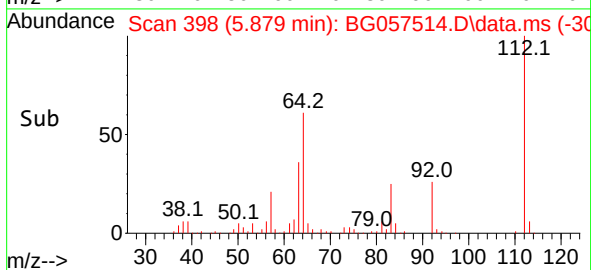
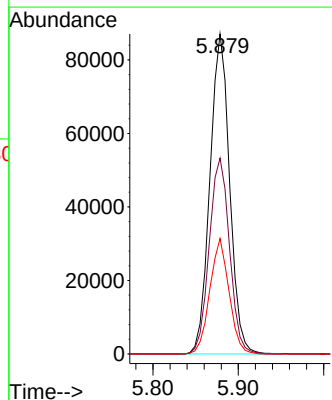
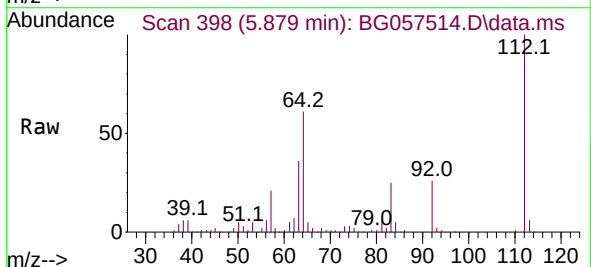
Instrument :
BNA_G
ClientSampleId :
ETGI-280

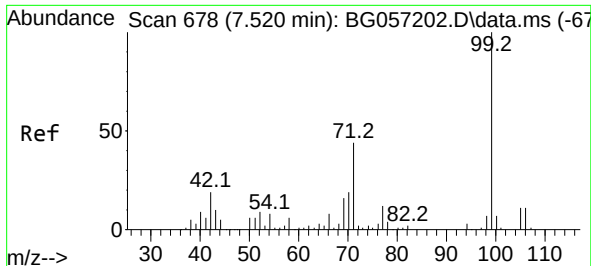
Tgt Ion:152 Resp: 21523
Ion Ratio Lower Upper
152 100
150 159.7 126.2 189.4
115 60.6 45.0 67.4



#5
2-Fluorophenol
Concen: 111.234 ng
RT: 5.879 min Scan# 398
Delta R.T. 0.008 min
Lab File: BG057514.D
Acq: 23 May 2023 11:11

Tgt Ion:112 Resp: 139955
Ion Ratio Lower Upper
112 100
64 61.2 49.4 74.2
63 36.1 31.6 47.4

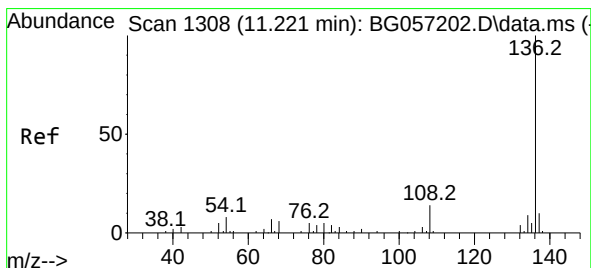
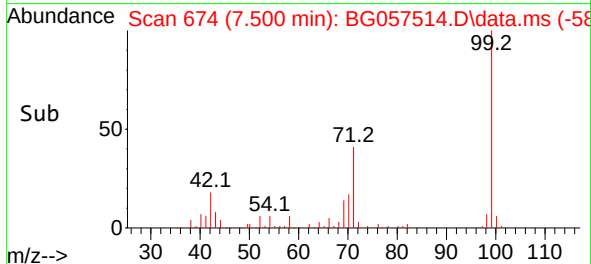
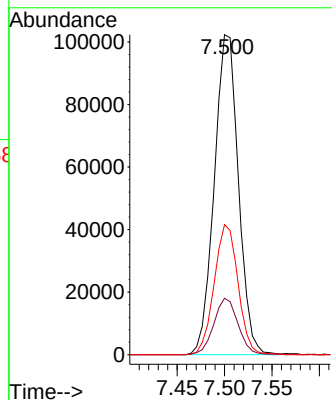
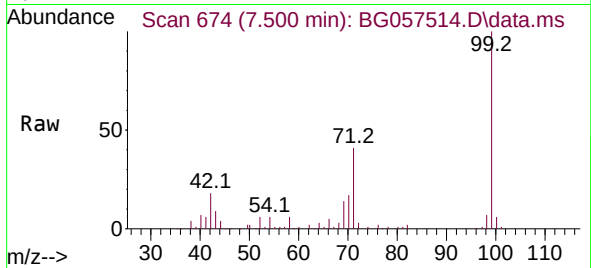




#7
Phenol-d6
Concen: 94.856 ng
RT: 7.500 min Scan# 61
Delta R.T. 0.002 min
Lab File: BG057514.D
Acq: 23 May 2023 11:11

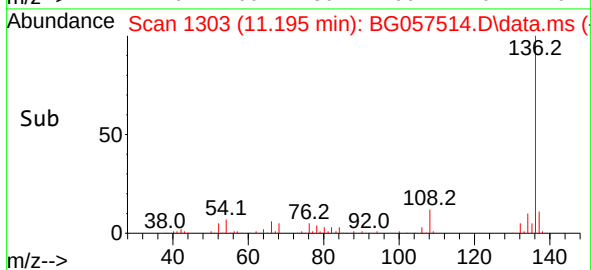
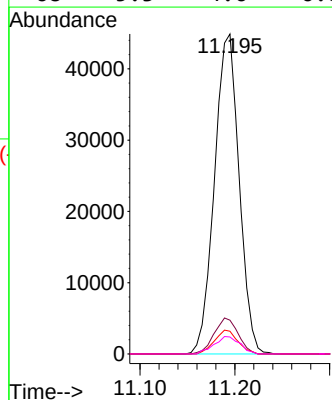
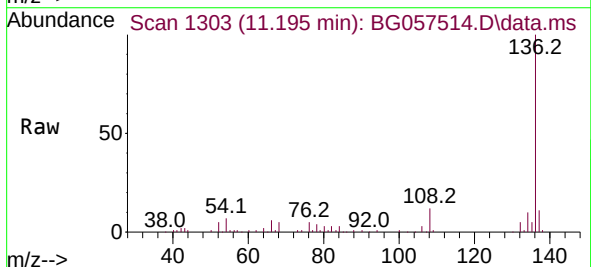
Instrument :
BNA_G
ClientSampleId :
ETGI-280

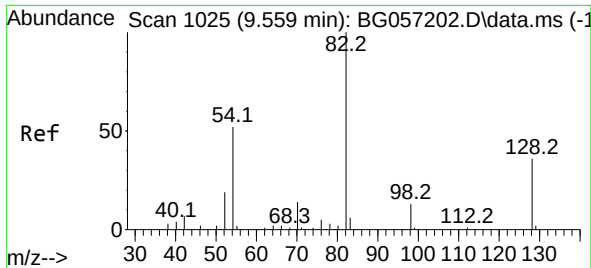
Tgt Ion: 99 Resp: 181235
Ion Ratio Lower Upper
99 100
42 17.7 15.1 22.7
71 40.6 35.2 52.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.195 min Scan# 1303
Delta R.T. -0.004 min
Lab File: BG057514.D
Acq: 23 May 2023 11:11

Tgt Ion: 136 Resp: 81015
Ion Ratio Lower Upper
136 100
137 10.6 8.3 12.5
54 7.1 6.7 10.1
68 5.3 4.6 6.8

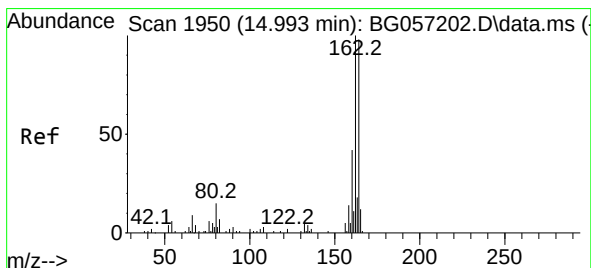
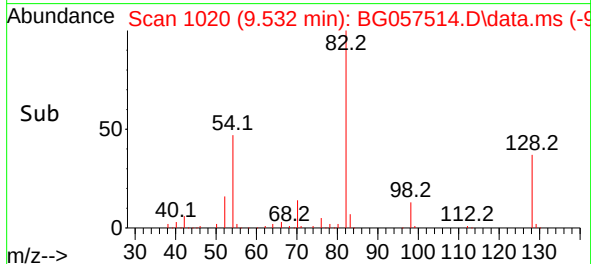
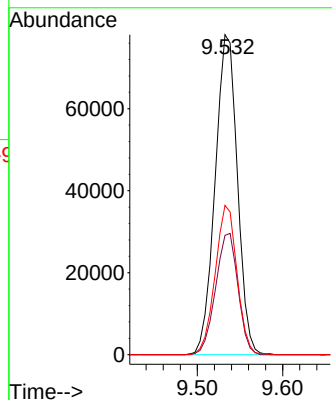
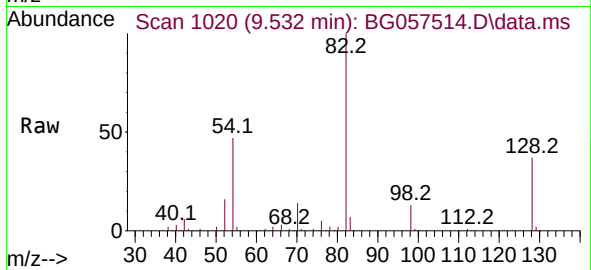




#23
Nitrobenzene-d5
Concen: 73.290 ng
RT: 9.532 min Scan# 1020
Delta R.T. -0.004 min
Lab File: BG057514.D
Acq: 23 May 2023 11:11

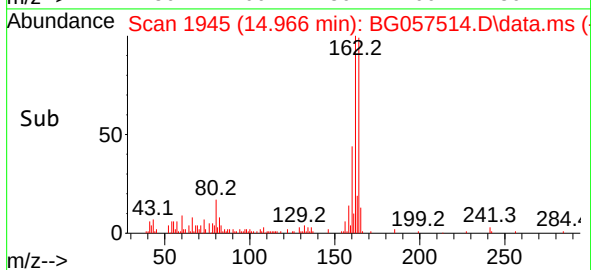
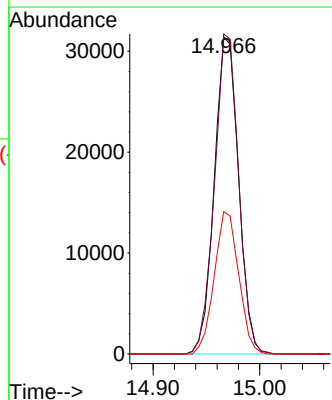
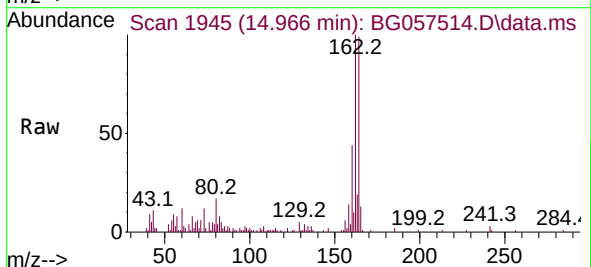
Instrument :
BNA_G
ClientSampleId :
ETGI-280

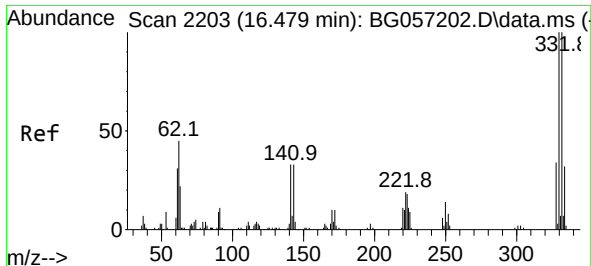
Tgt Ion: 82 Resp: 141469
Ion Ratio Lower Upper
82 100
128 37.3 29.0 43.4
54 46.7 41.4 62.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.966 min Scan# 1945
Delta R.T. -0.010 min
Lab File: BG057514.D
Acq: 23 May 2023 11:11

Tgt Ion:164 Resp: 49509
Ion Ratio Lower Upper
164 100
162 101.0 81.8 122.6
160 44.9 34.6 52.0





#42

2,4,6-Tribromophenol

Concen: 129.893 ng

RT: 16.452 min Scan# 2198

Delta R.T. -0.004 min

Lab File: BG057514.D

Acq: 23 May 2023 11:11

Instrument :

BNA_G

ClientSampleId :

ETGI-280

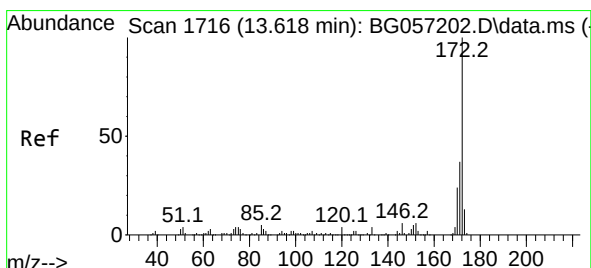
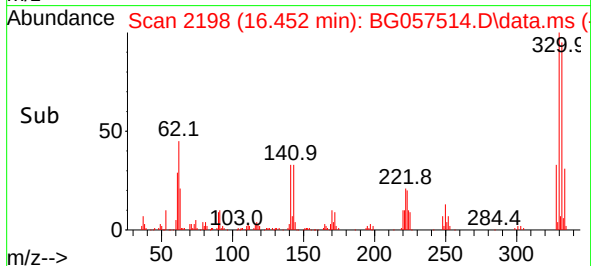
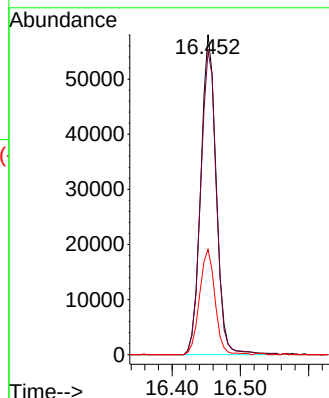
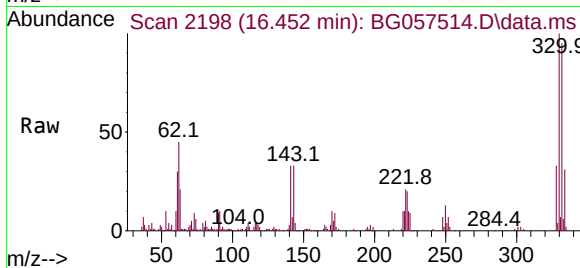
Tgt Ion:330 Resp: 91247

Ion Ratio Lower Upper

330 100

332 96.6 78.2 117.2

141 32.9 27.8 41.8



#45

2-Fluorobiphenyl

Concen: 80.650 ng

RT: 13.592 min Scan# 1711

Delta R.T. -0.010 min

Lab File: BG057514.D

Acq: 23 May 2023 11:11

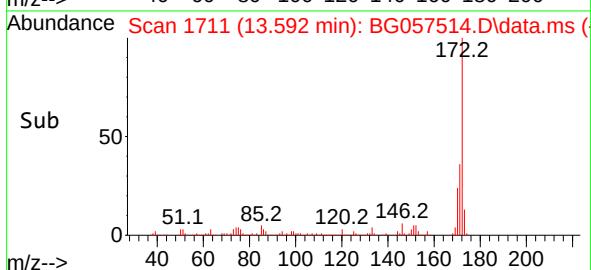
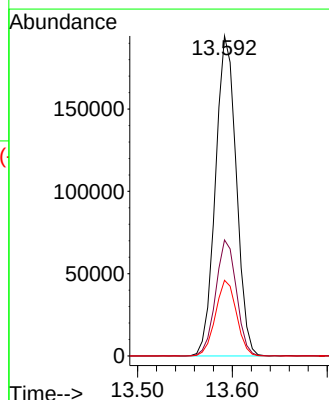
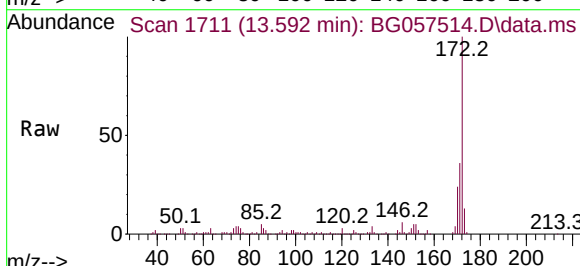
Tgt Ion:172 Resp: 296473

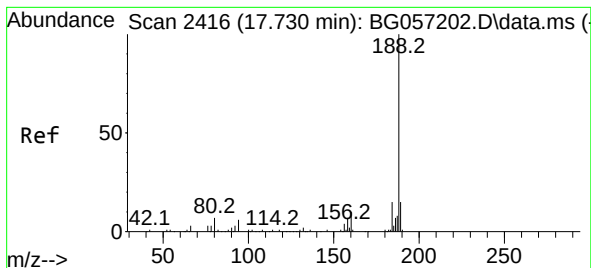
Ion Ratio Lower Upper

172 100

171 36.2 29.4 44.0

170 23.6 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.710 min Scan# 2416

Delta R.T. -0.004 min

Lab File: BG057514.D

Acq: 23 May 2023 11:11

Instrument :

BNA_G

ClientSampleId :

ETGI-280

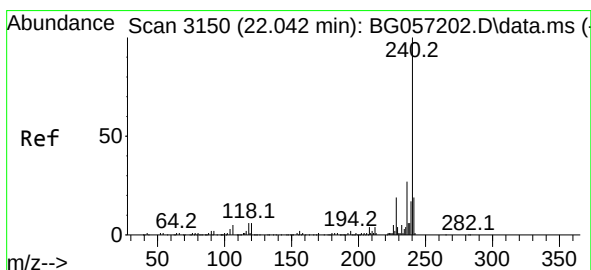
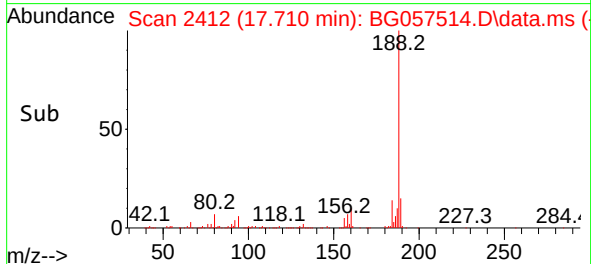
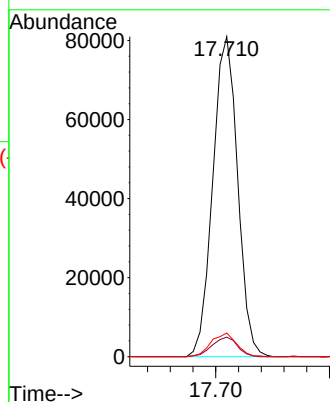
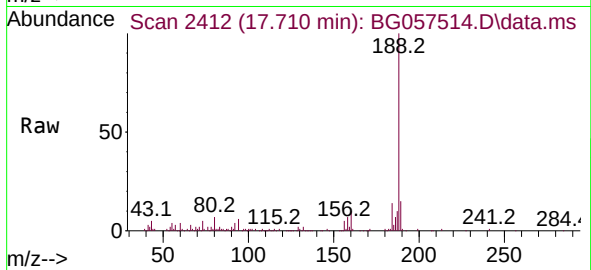
Tgt Ion:188 Resp: 122646

Ion Ratio Lower Upper

188 100

94 6.1 5.1 7.7

80 7.4 5.7 8.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.016 min Scan# 3145

Delta R.T. -0.004 min

Lab File: BG057514.D

Acq: 23 May 2023 11:11

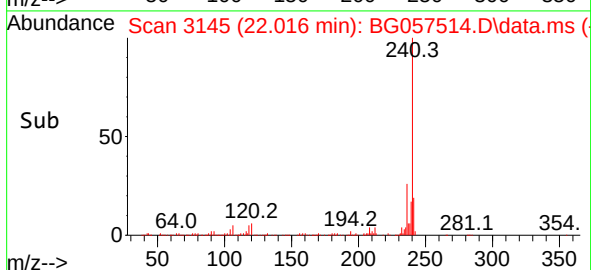
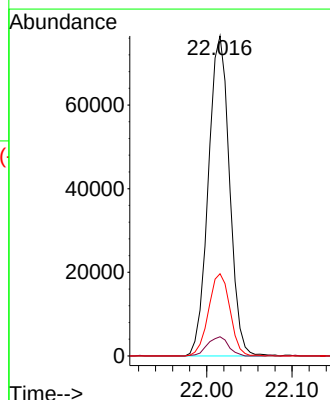
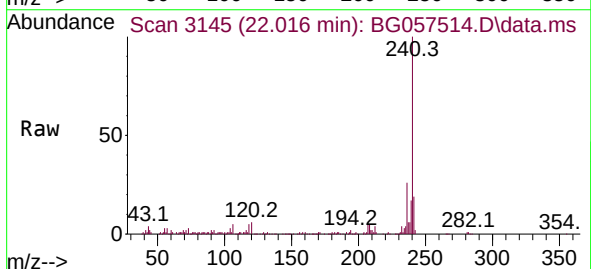
Tgt Ion:240 Resp: 131818

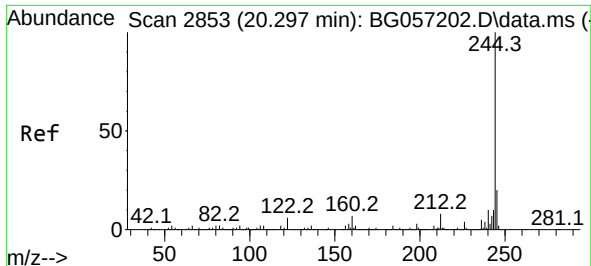
Ion Ratio Lower Upper

240 100

120 6.0 4.9 7.3

236 25.7 21.4 32.2

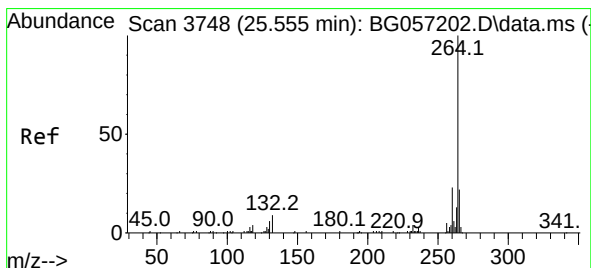
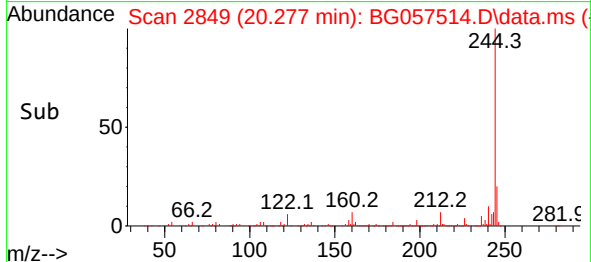
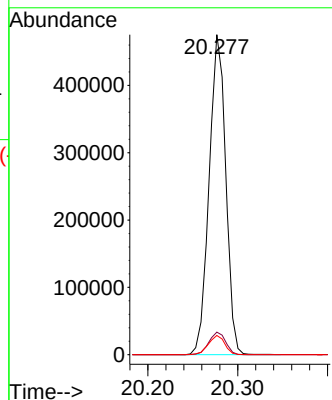
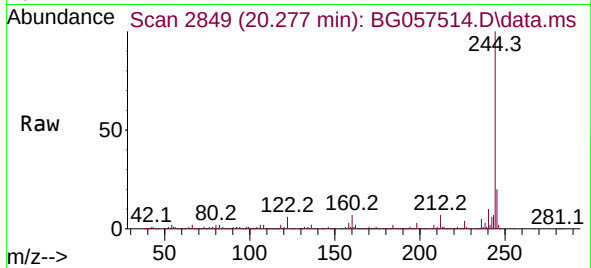




#79
 Terphenyl-d14
 Concen: 75.696 ng
 RT: 20.277 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BG057514.D
 Acq: 23 May 2023 11:11

Instrument :
 BNA_G
 ClientSampleId :
 ETGI-280

Tgt Ion:244 Resp: 611435
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.1 9.1
 122 6.0 5.1 7.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.511 min Scan# 3740
 Delta R.T. -0.004 min
 Lab File: BG057514.D
 Acq: 23 May 2023 11:11

Tgt Ion:264 Resp: 143940
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.8 28.2
 265 20.7 17.9 26.9

