

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052323\
 Data File : BG057517.D
 Acq On : 23 May 2023 13:14
 Operator : CG/JU
 Sample : 02869-21
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP22

Quant Time: May 23 14:13:02 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	8.355	152	19409	20.000	ng	0.00
21) Naphthalene-d8	11.193	136	74776	20.000	ng	0.00
39) Acenaphthene-d10	14.970	164	53145	20.000	ng	0.00
64) Phenanthrene-d10	17.713	188	138663	20.000	ng	0.00
76) Chrysene-d12	22.019	240	135856	20.000	ng	0.00
86) Perylene-d12	25.520	264	143970	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.876	112	131191	115.625	ng	0.00
7) Phenol-d6	7.498	99	196489	114.041	ng	0.00
23) Nitrobenzene-d5	9.536	82	121053	67.945	ng	0.00
42) 2,4,6-Tribromophenol	16.456	330	98737	130.938	ng	0.00
45) 2-Fluorobiphenyl	13.595	172	293605	74.405	ng	0.00
79) Terphenyl-d14	20.280	244	584757	70.242	ng	0.00

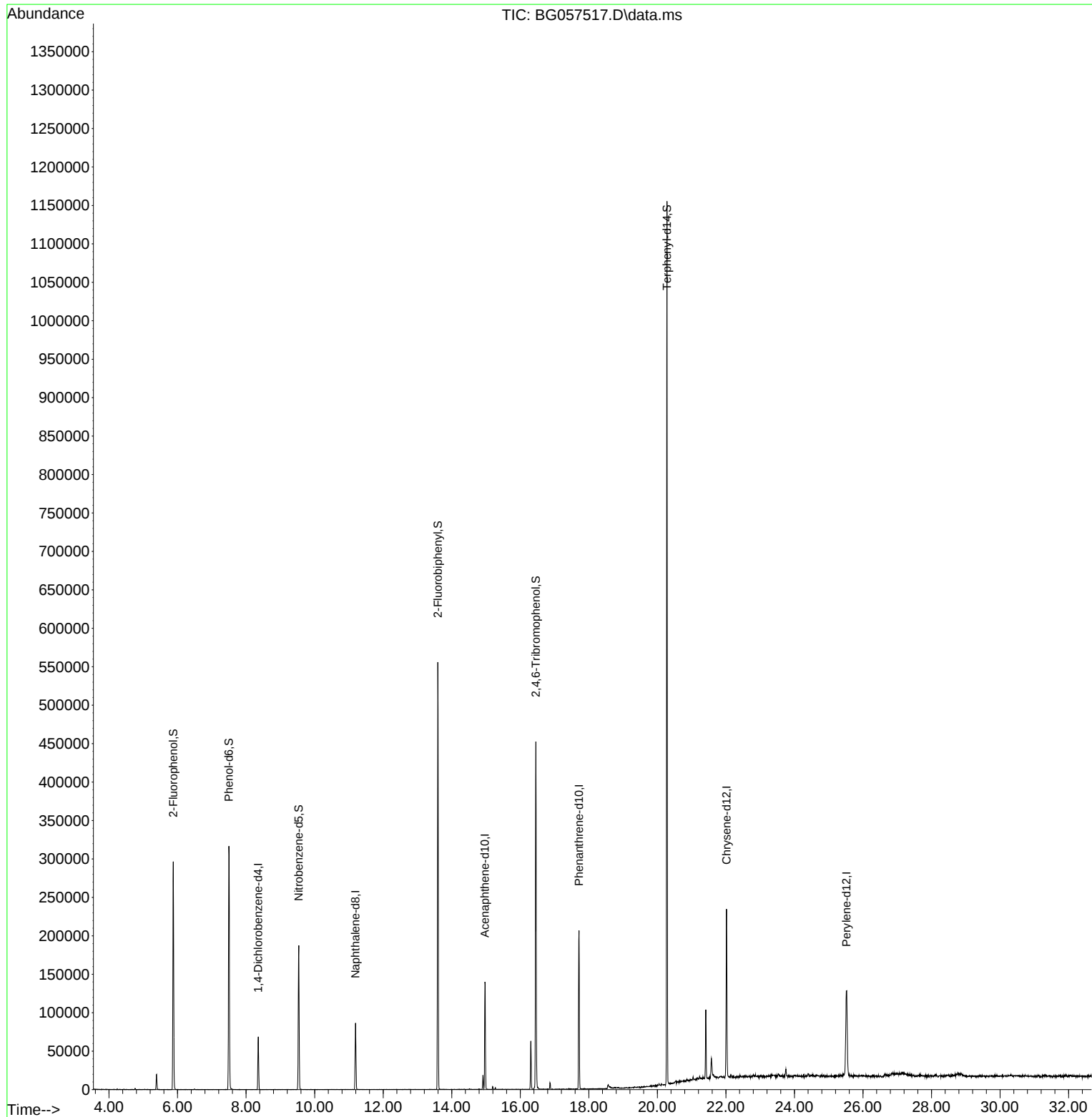
Target Compounds	Qvalue

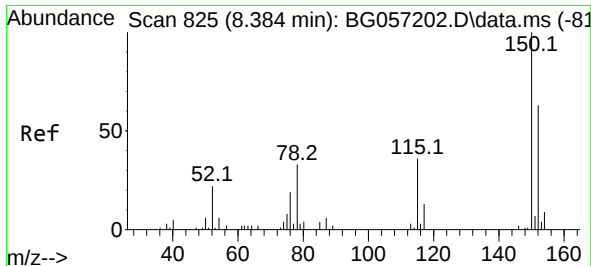
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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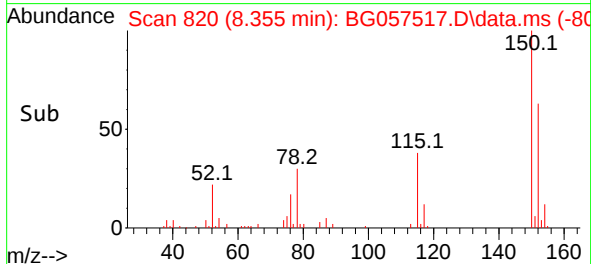
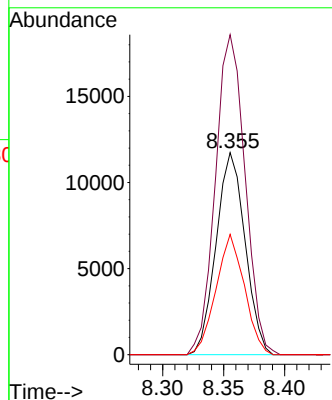
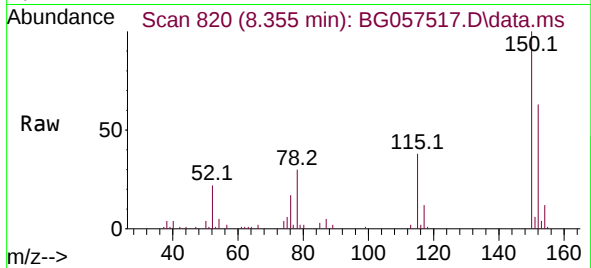




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.355 min Scan# 81
Delta R.T. -0.007 min
Lab File: BG057517.D
Acq: 23 May 2023 13:14

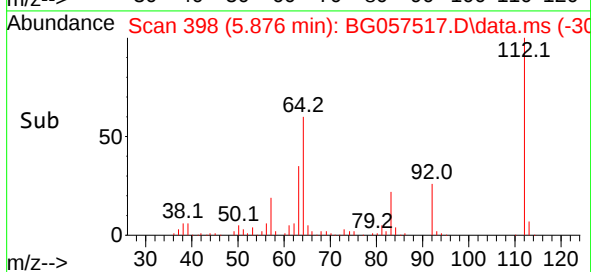
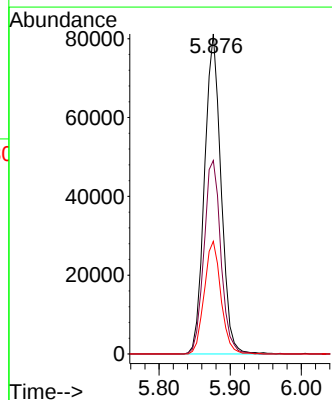
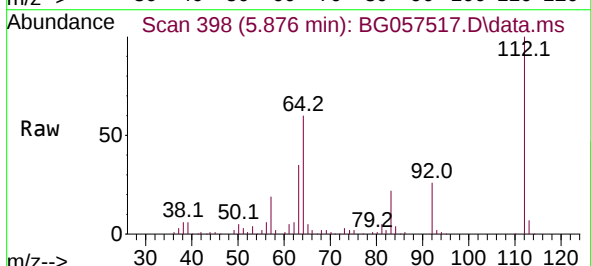
Instrument :
BNA_G
ClientSampleId :
TP22

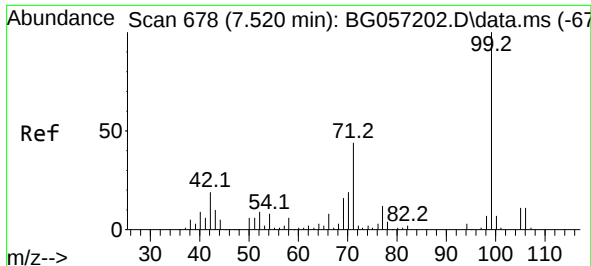
Tgt Ion:152 Resp: 19409
Ion Ratio Lower Upper
152 100
150 158.4 126.2 189.4
115 59.5 45.0 67.4



#5
2-Fluorophenol
Concen: 115.625 ng
RT: 5.876 min Scan# 398
Delta R.T. 0.005 min
Lab File: BG057517.D
Acq: 23 May 2023 13:14

Tgt Ion:112 Resp: 131191
Ion Ratio Lower Upper
112 100
64 60.5 49.4 74.2
63 35.2 31.6 47.4

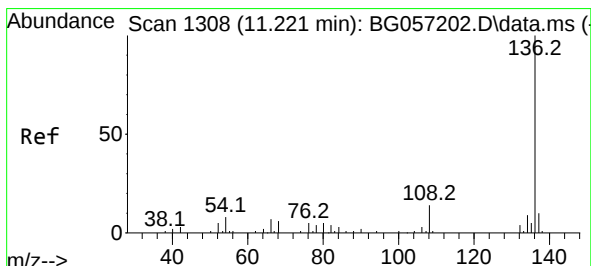
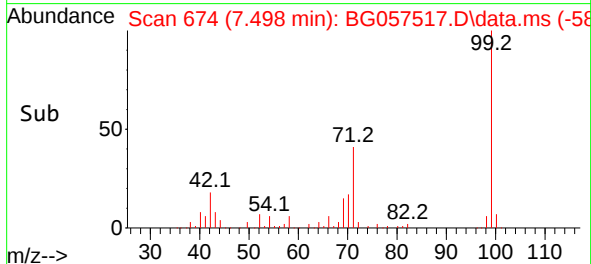
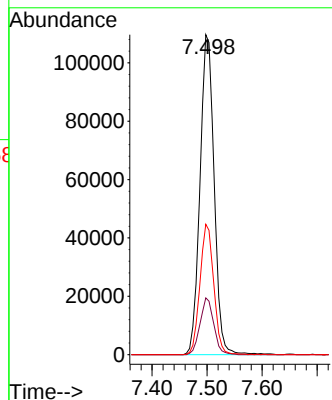
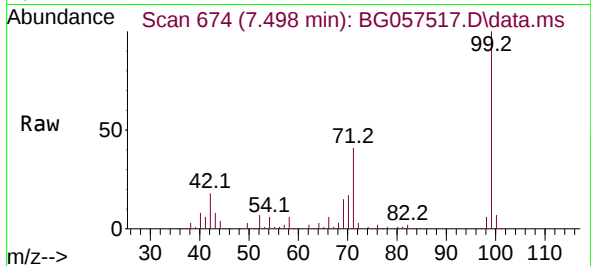




#7
Phenol-d6
Concen: 114.041 ng
RT: 7.498 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG057517.D
Acq: 23 May 2023 13:14

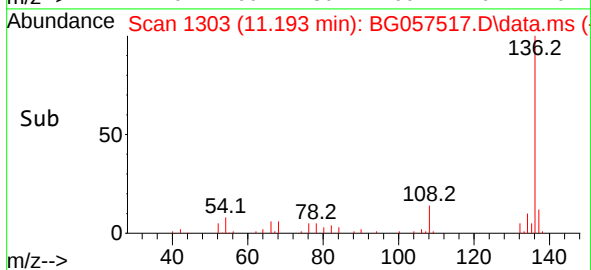
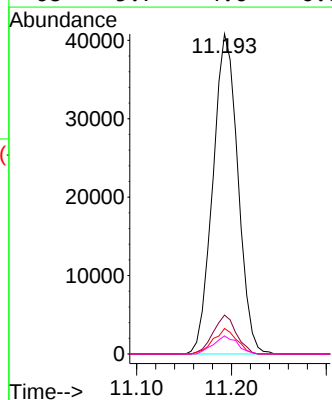
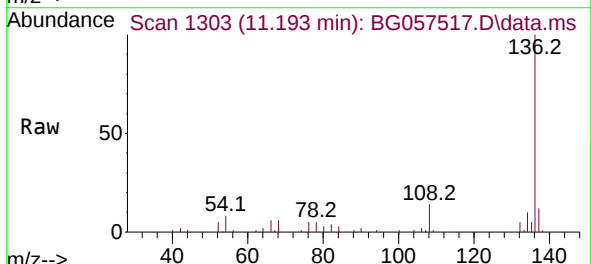
Instrument :
BNA_G
ClientSampleId :
TP22

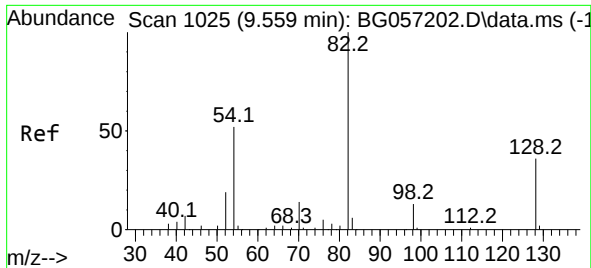
Tgt Ion: 99 Resp: 196489
Ion Ratio Lower Upper
99 100
42 17.7 15.1 22.7
71 40.7 35.2 52.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.193 min Scan# 1303
Delta R.T. -0.006 min
Lab File: BG057517.D
Acq: 23 May 2023 13:14

Tgt Ion: 136 Resp: 74776
Ion Ratio Lower Upper
136 100
137 12.1 8.3 12.5
54 7.9 6.7 10.1
68 5.7 4.6 6.8

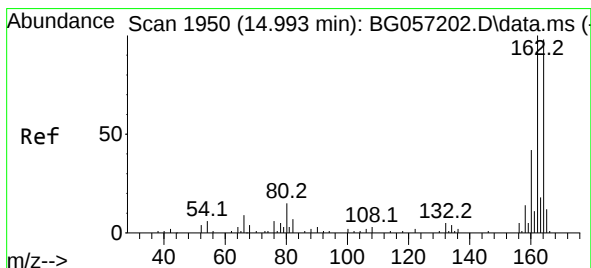
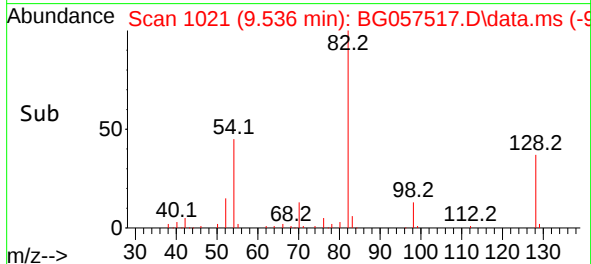
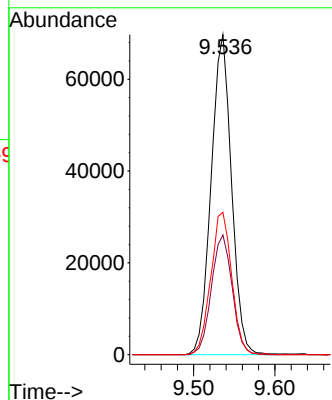
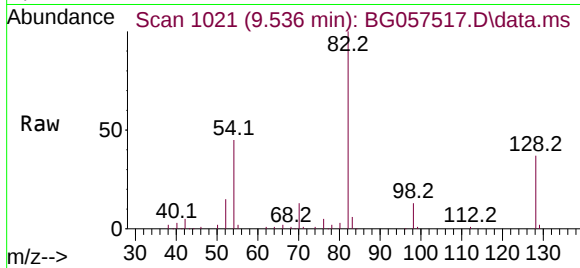




#23
Nitrobenzene-d5
Concen: 67.945 ng
RT: 9.536 min Scan# 1021
Delta R.T. -0.001 min
Lab File: BG057517.D
Acq: 23 May 2023 13:14

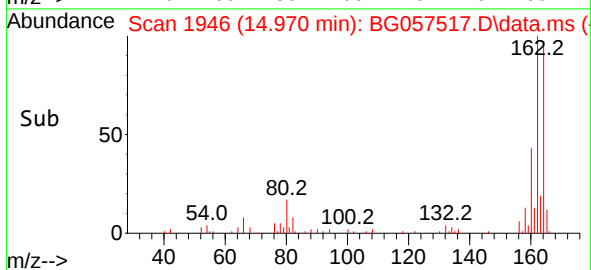
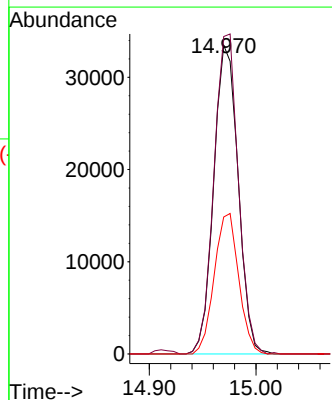
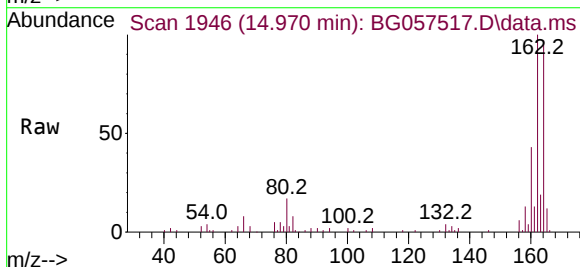
Instrument :
BNA_G
ClientSampleId :
TP22

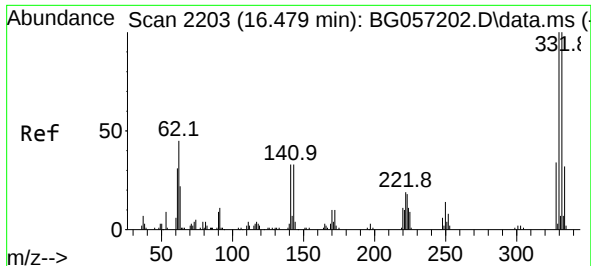
Tgt Ion: 82 Resp: 121053
Ion Ratio Lower Upper
82 100
128 37.4 29.0 43.4
54 44.5 41.4 62.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.970 min Scan# 1946
Delta R.T. -0.006 min
Lab File: BG057517.D
Acq: 23 May 2023 13:14

Tgt Ion:164 Resp: 53145
Ion Ratio Lower Upper
164 100
162 102.8 81.8 122.6
160 44.4 34.6 52.0





#42

2,4,6-Tribromophenol

Concen: 130.938 ng

RT: 16.456 min Scan# 2199

Delta R.T. -0.001 min

Lab File: BG057517.D

Acq: 23 May 2023 13:14

Instrument :

BNA_G

ClientSampleId :

TP22

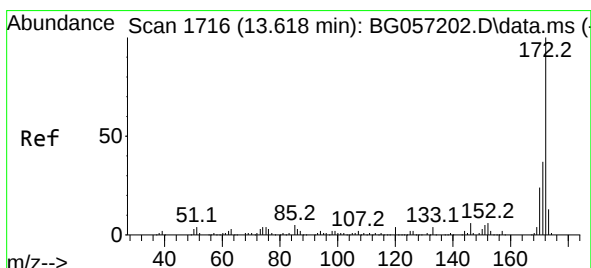
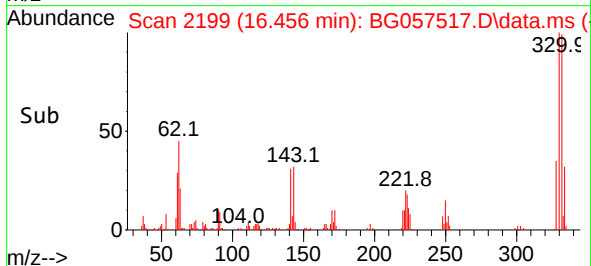
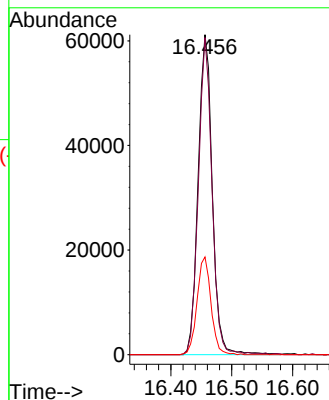
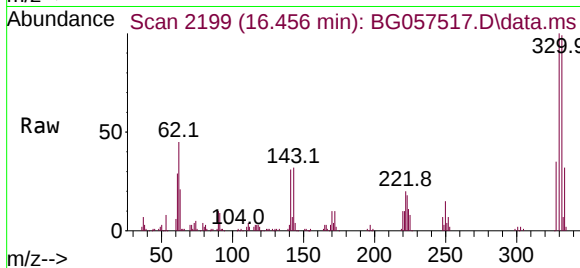
Tgt Ion:330 Resp: 98737

Ion Ratio Lower Upper

330 100

332 95.4 78.2 117.2

141 30.1 27.8 41.8



#45

2-Fluorobiphenyl

Concen: 74.405 ng

RT: 13.595 min Scan# 1712

Delta R.T. -0.006 min

Lab File: BG057517.D

Acq: 23 May 2023 13:14

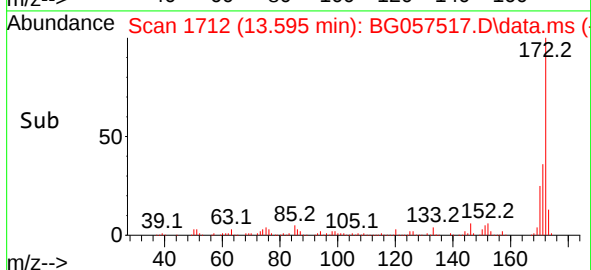
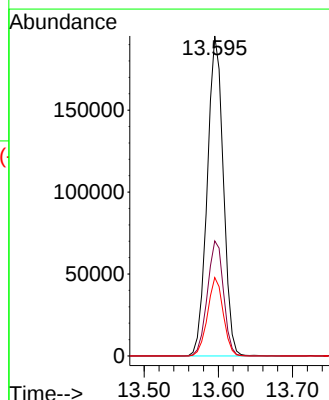
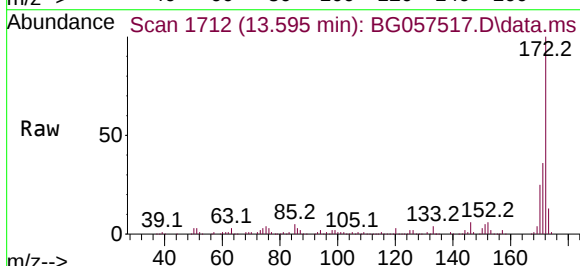
Tgt Ion:172 Resp: 293605

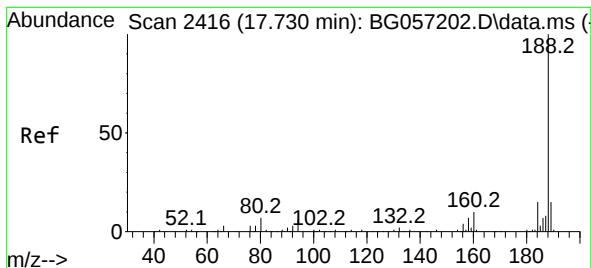
Ion Ratio Lower Upper

172 100

171 35.9 29.4 44.0

170 24.5 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.713 min Scan# 2416

Delta R.T. -0.001 min

Lab File: BG057517.D

Acq: 23 May 2023 13:14

Instrument :

BNA_G

ClientSampleId :

TP22

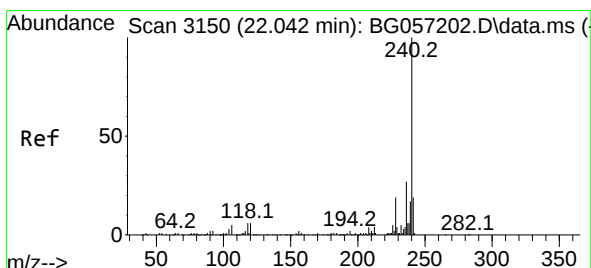
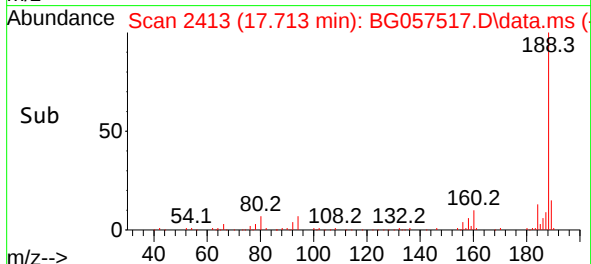
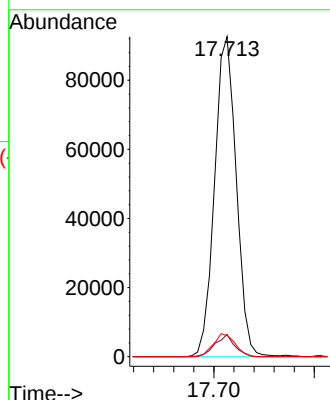
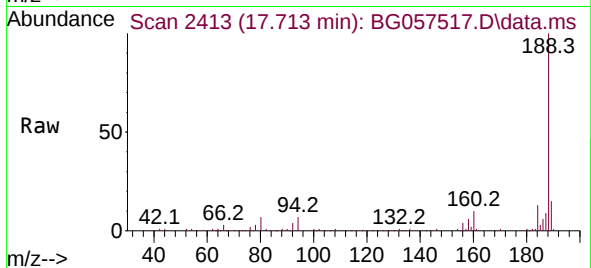
Tgt Ion:188 Resp: 138663

Ion Ratio Lower Upper

188 100

94 6.9 5.1 7.7

80 6.6 5.7 8.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.019 min Scan# 3146

Delta R.T. -0.001 min

Lab File: BG057517.D

Acq: 23 May 2023 13:14

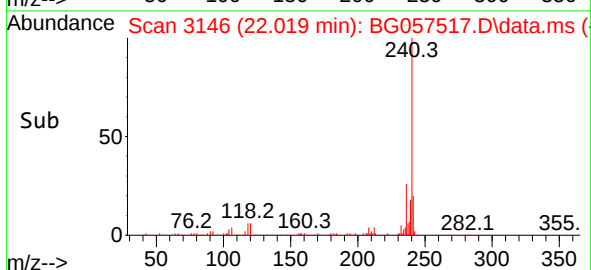
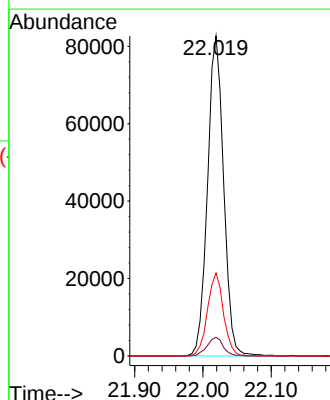
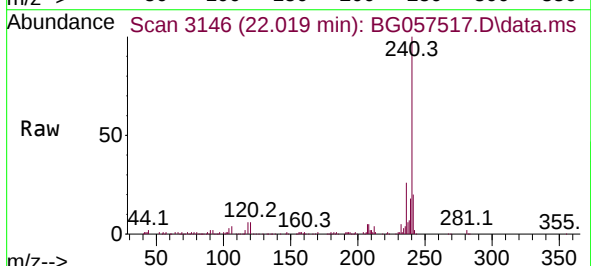
Tgt Ion:240 Resp: 135856

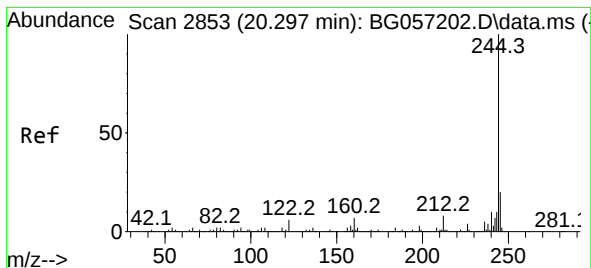
Ion Ratio Lower Upper

240 100

120 5.8 4.9 7.3

236 26.0 21.4 32.2





#79

Terphenyl-d14

Concen: 70.242 ng

RT: 20.280 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG057517.D

Acq: 23 May 2023 13:14

Instrument :

BNA_G

ClientSampleId :

TP22

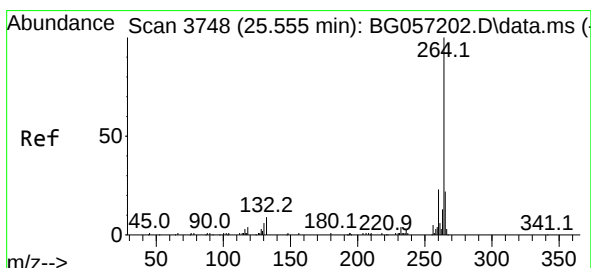
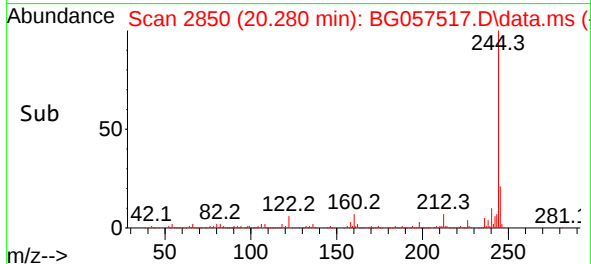
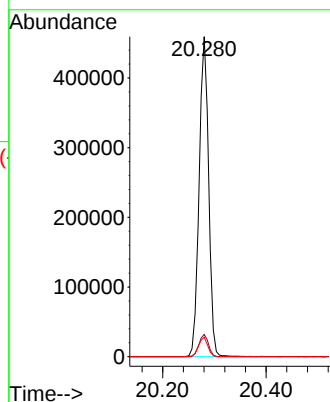
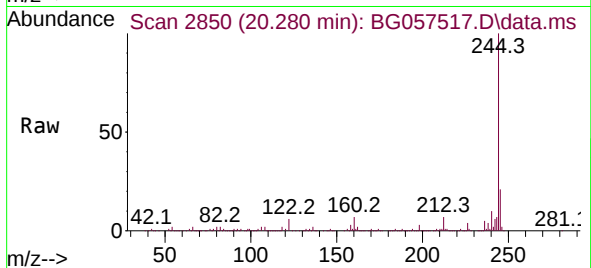
Tgt Ion:244 Resp: 584757

Ion Ratio Lower Upper

244 100

212 6.9 6.1 9.1

122 6.1 5.1 7.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.520 min Scan# 3742

Delta R.T. 0.005 min

Lab File: BG057517.D

Acq: 23 May 2023 13:14

Tgt Ion:264 Resp: 143970

Ion Ratio Lower Upper

264 100

260 23.9 18.8 28.2

265 21.6 17.9 26.9

