

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052323\
 Data File : BG057516.D
 Acq On : 23 May 2023 12:34
 Operator : CG/JU
 Sample : 02870-11
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP20

Quant Time: May 23 13:14:42 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	20649	20.000	ng	0.00
21) Naphthalene-d8	11.192	136	77511	20.000	ng	0.00
39) Acenaphthene-d10	14.969	164	54372	20.000	ng	0.00
64) Phenanthrene-d10	17.707	188	142003	20.000	ng	0.00
76) Chrysene-d12	22.013	240	139338	20.000	ng	0.00
86) Perylene-d12	25.508	264	149928	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.876	112	97034	80.385	ng	0.00
7) Phenol-d6	7.497	99	164527	89.756	ng	0.00
23) Nitrobenzene-d5	9.535	82	92408	50.037	ng	0.00
42) 2,4,6-Tribromophenol	16.455	330	93573	121.290	ng	0.00
45) 2-Fluorobiphenyl	13.595	172	246297	61.008	ng	0.00
79) Terphenyl-d14	20.274	244	536707	62.859	ng	0.00

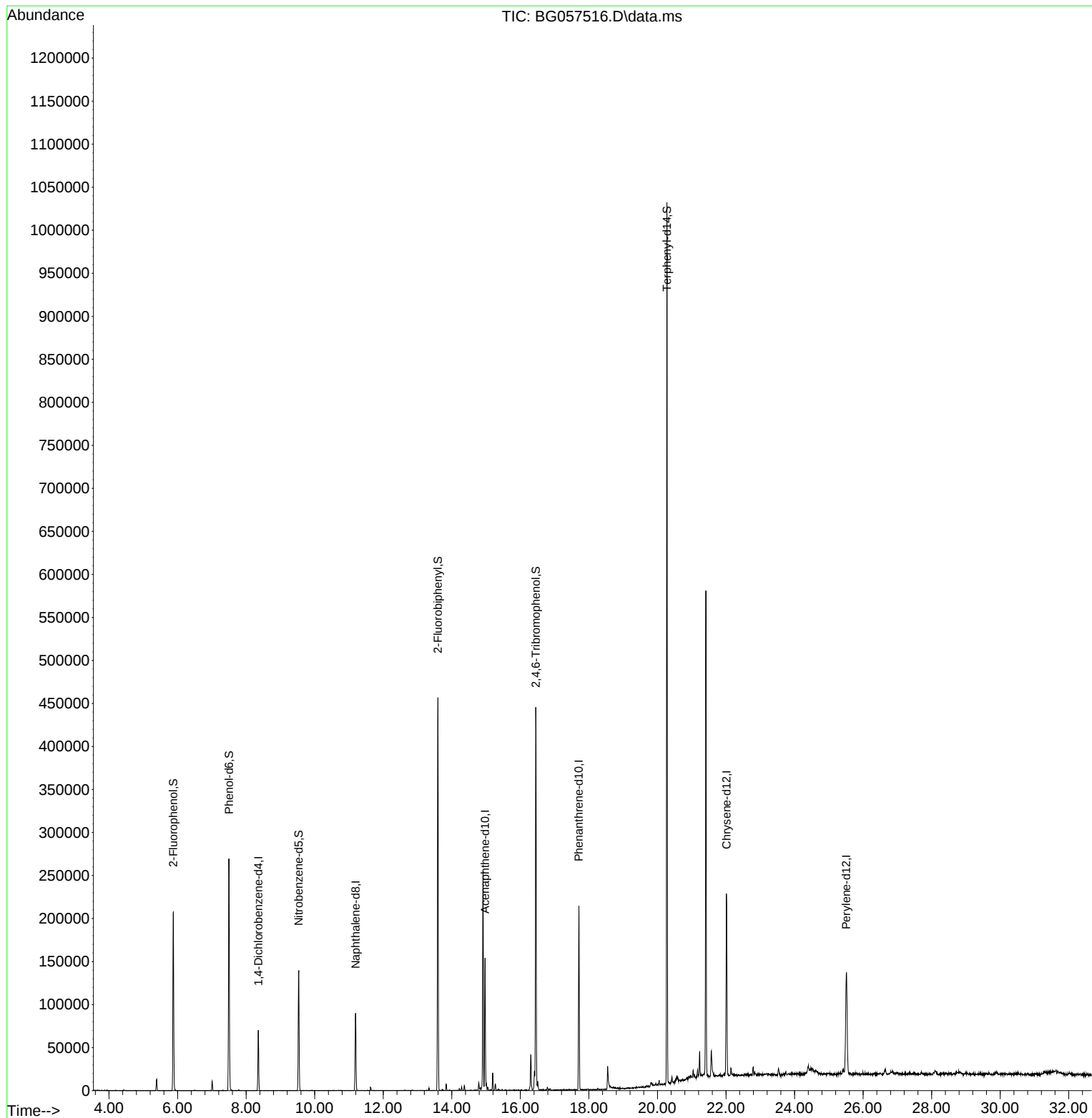
Target Compounds	Qvalue

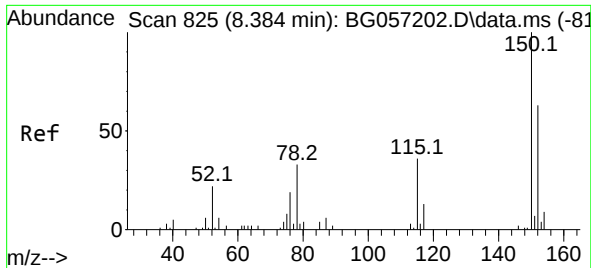
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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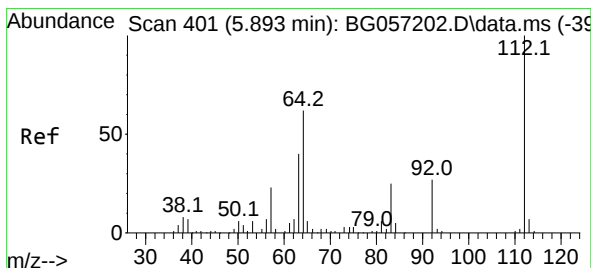
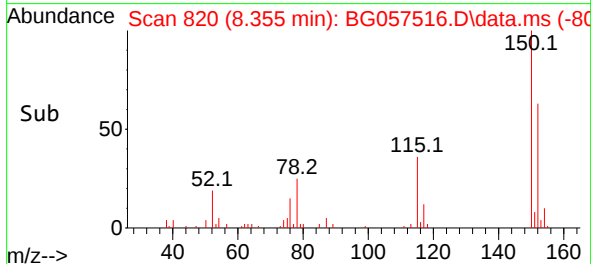
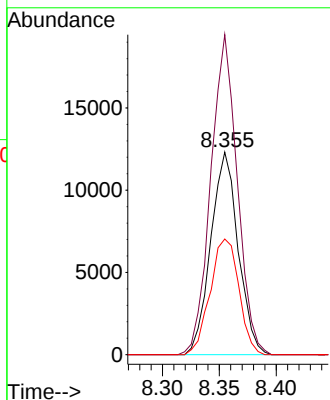
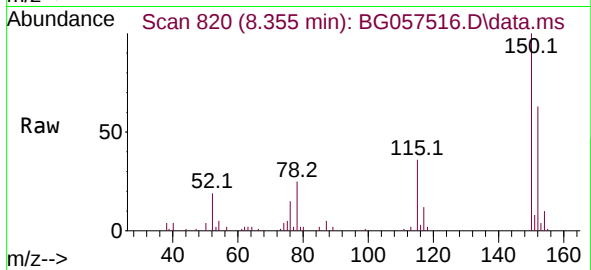




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.355 min Scan# 81
Delta R.T. -0.007 min
Lab File: BG057516.D
Acq: 23 May 2023 12:34

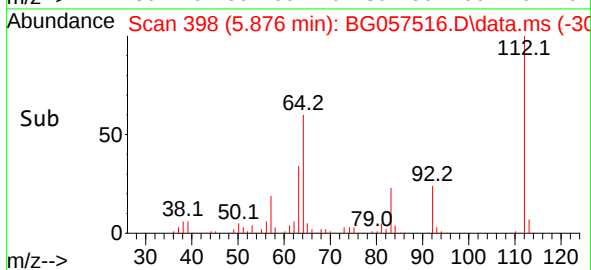
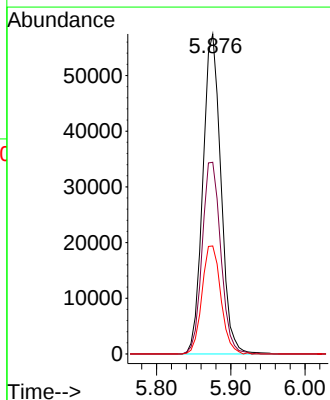
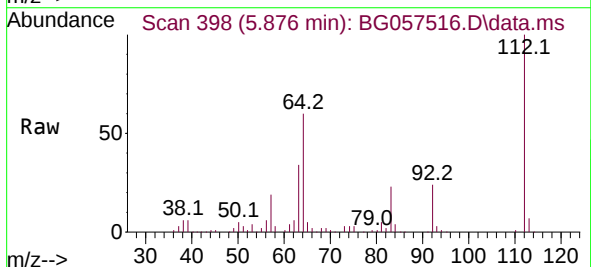
Instrument :
BNA_G
ClientSampleId :
TP20

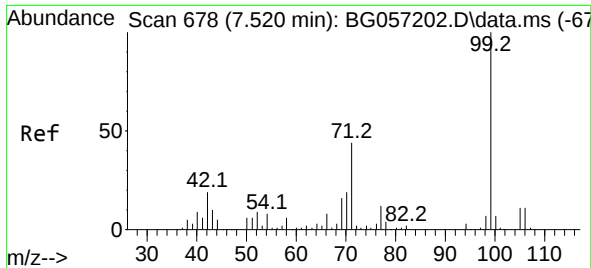
Tgt Ion:152 Resp: 20649
Ion Ratio Lower Upper
152 100
150 157.9 126.2 189.4
115 57.1 45.0 67.4



#5
2-Fluorophenol
Concen: 80.385 ng
RT: 5.876 min Scan# 398
Delta R.T. 0.005 min
Lab File: BG057516.D
Acq: 23 May 2023 12:34

Tgt Ion:112 Resp: 97034
Ion Ratio Lower Upper
112 100
64 59.9 49.4 74.2
63 33.7 31.6 47.4

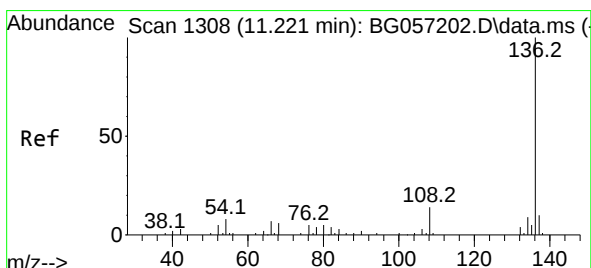
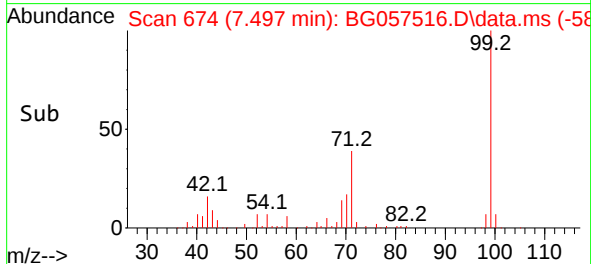
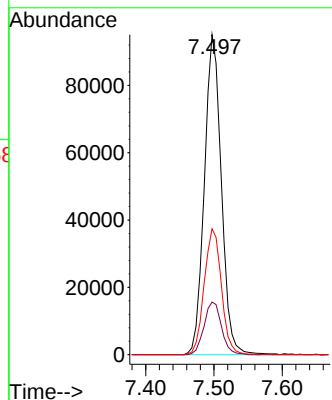
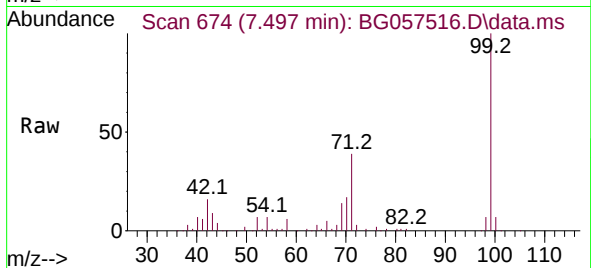




#7
Phenol-d6
Concen: 89.756 ng
RT: 7.497 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG057516.D
Acq: 23 May 2023 12:34

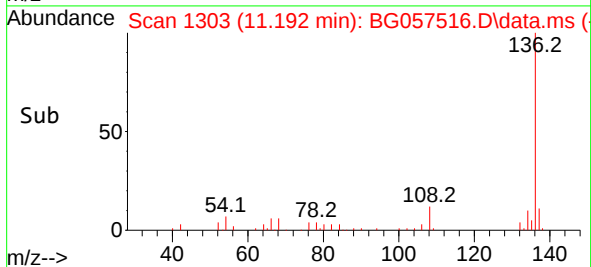
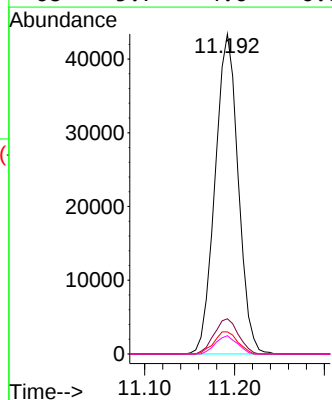
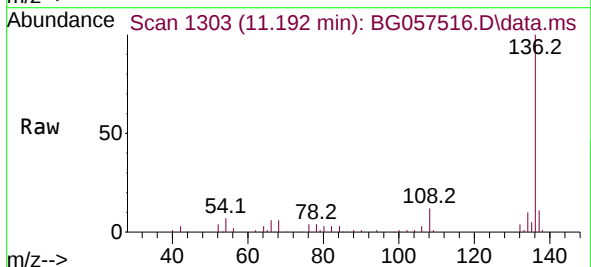
Instrument :
BNA_G
ClientSampleId :
TP20

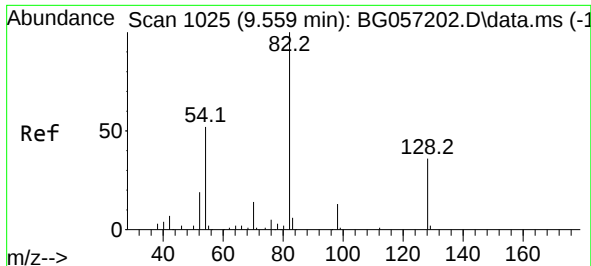
Tgt Ion: 99 Resp: 164527
Ion Ratio Lower Upper
99 100
42 16.5 15.1 22.7
71 39.4 35.2 52.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.192 min Scan# 1303
Delta R.T. -0.007 min
Lab File: BG057516.D
Acq: 23 May 2023 12:34

Tgt Ion: 136 Resp: 77511
Ion Ratio Lower Upper
136 100
137 11.0 8.3 12.5
54 6.9 6.7 10.1
68 5.7 4.6 6.8





#23

Nitrobenzene-d5

Concen: 50.037 ng

RT: 9.535 min Scan# 1021

Delta R.T. -0.001 min

Lab File: BG057516.D

Acq: 23 May 2023 12:34

Instrument :

BNA_G

ClientSampleId :

TP20

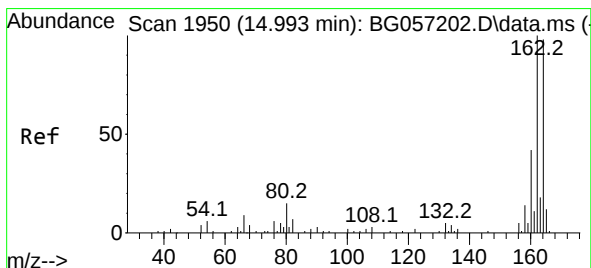
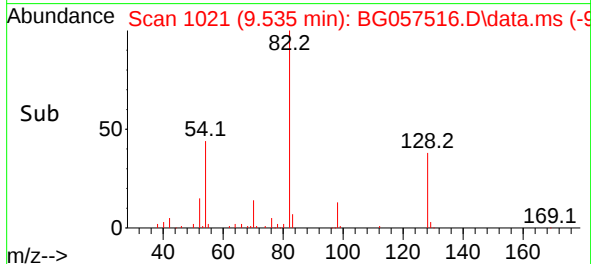
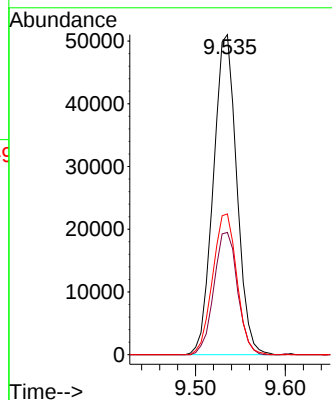
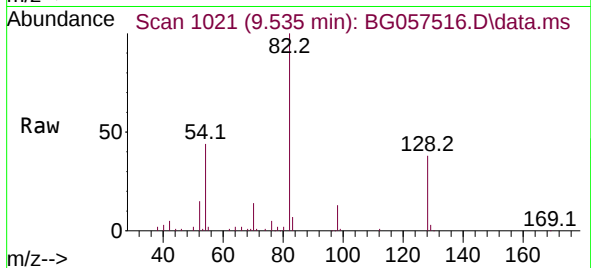
Tgt Ion: 82 Resp: 92408

Ion Ratio Lower Upper

82 100

128 38.2 29.0 43.4

54 44.0 41.4 62.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.969 min Scan# 1946

Delta R.T. -0.007 min

Lab File: BG057516.D

Acq: 23 May 2023 12:34

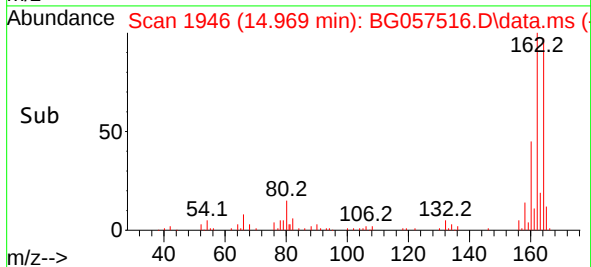
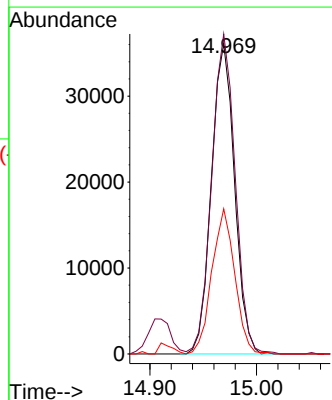
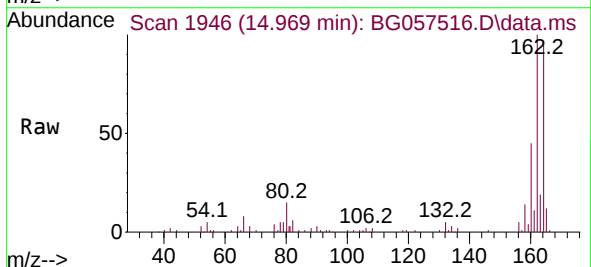
Tgt Ion: 164 Resp: 54372

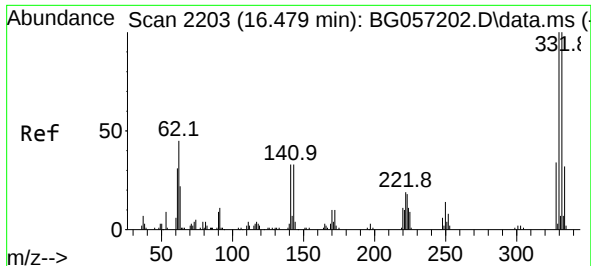
Ion Ratio Lower Upper

164 100

162 103.1 81.8 122.6

160 46.7 34.6 52.0

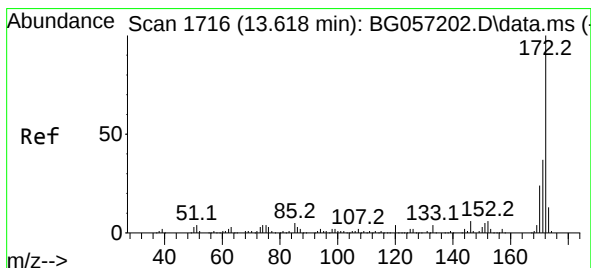
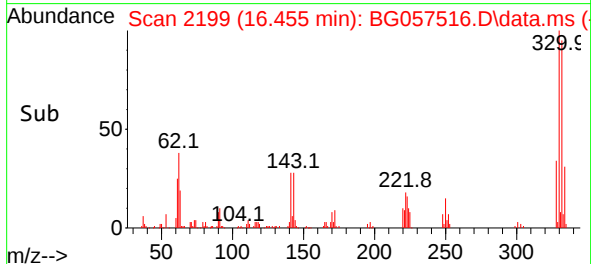
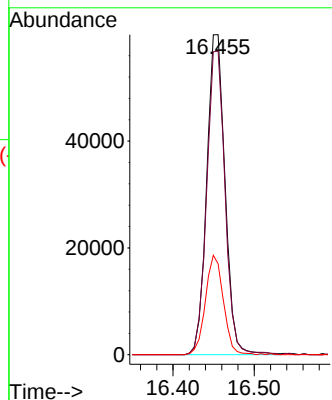
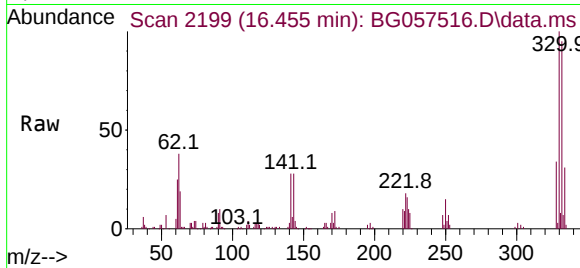




#42
2,4,6-Tribromophenol
Concen: 121.290 ng
RT: 16.455 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG057516.D
Acq: 23 May 2023 12:34

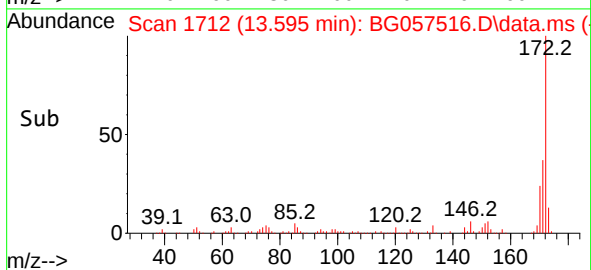
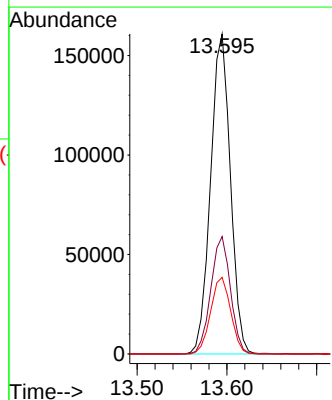
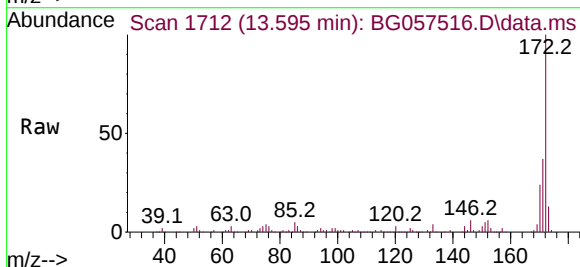
Instrument :
BNA_G
ClientSampleId :
TP20

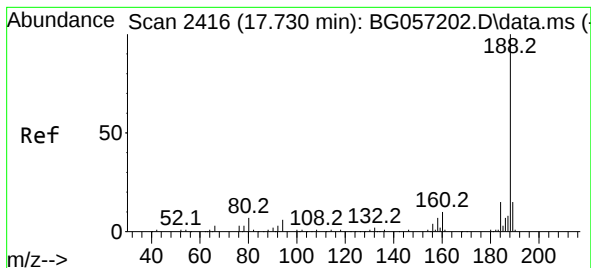
Tgt Ion:330 Resp: 93573
Ion Ratio Lower Upper
330 100
332 95.1 78.2 117.2
141 30.5 27.8 41.8



#45
2-Fluorobiphenyl
Concen: 61.008 ng
RT: 13.595 min Scan# 1712
Delta R.T. -0.007 min
Lab File: BG057516.D
Acq: 23 May 2023 12:34

Tgt Ion:172 Resp: 246297
Ion Ratio Lower Upper
172 100
171 36.7 29.4 44.0
170 23.9 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.707 min Scan# 2416

Delta R.T. -0.007 min

Lab File: BG057516.D

Acq: 23 May 2023 12:34

Instrument :

BNA_G

ClientSampleId :

TP20

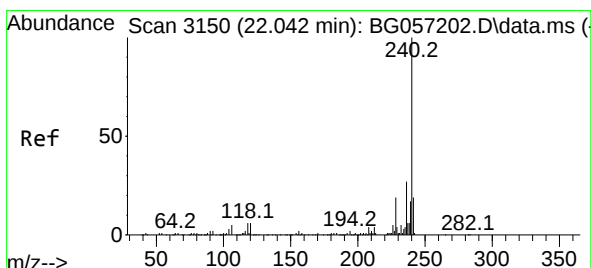
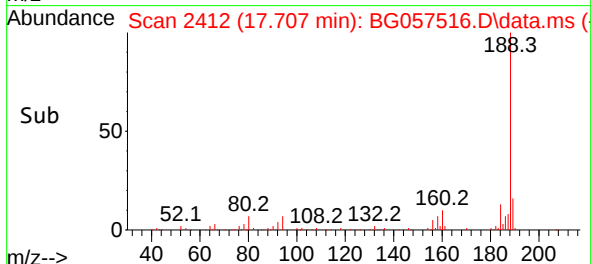
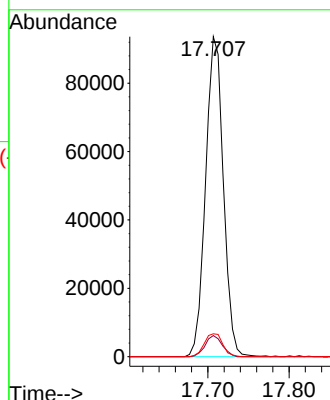
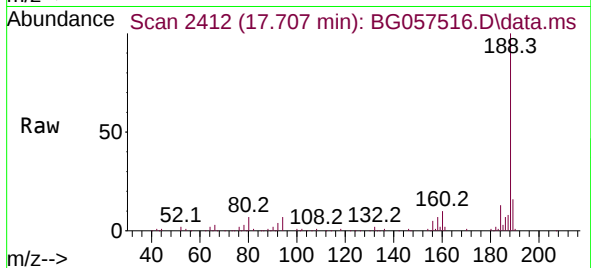
Tgt Ion:188 Resp: 142003

Ion Ratio Lower Upper

188 100

94 6.6 5.1 7.7

80 7.2 5.7 8.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.013 min Scan# 3145

Delta R.T. -0.007 min

Lab File: BG057516.D

Acq: 23 May 2023 12:34

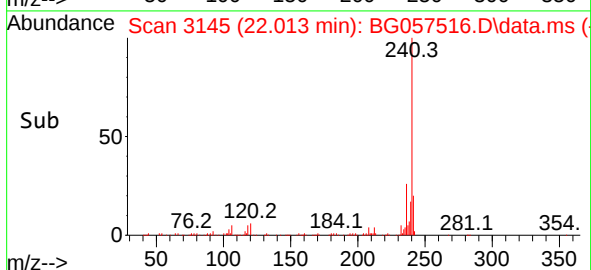
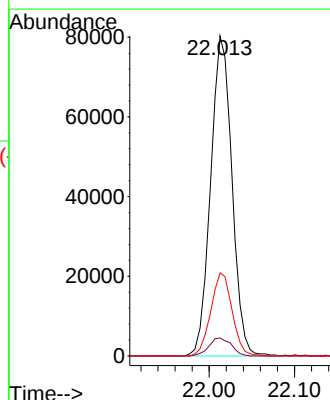
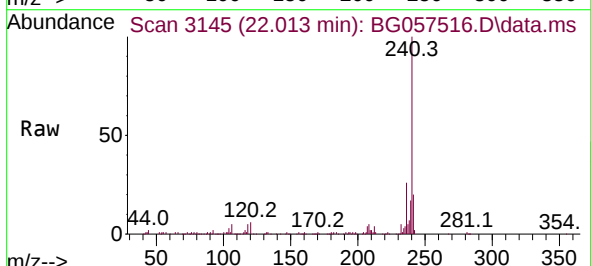
Tgt Ion:240 Resp: 139338

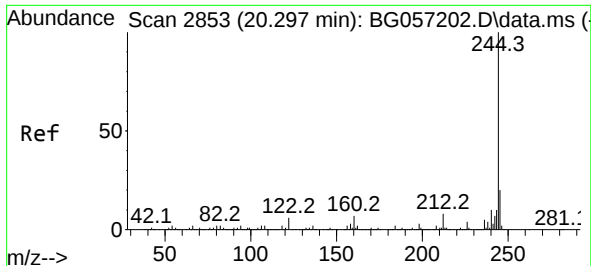
Ion Ratio Lower Upper

240 100

120 5.6 4.9 7.3

236 25.9 21.4 32.2

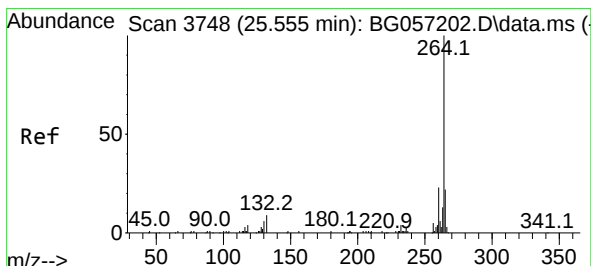
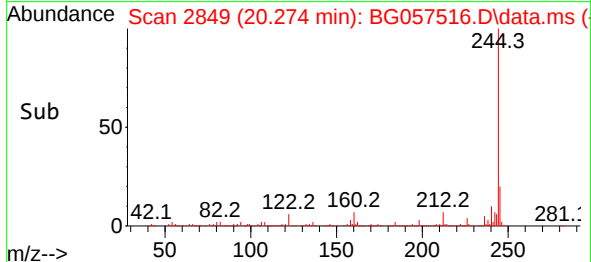
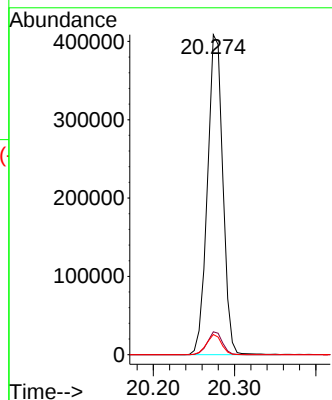
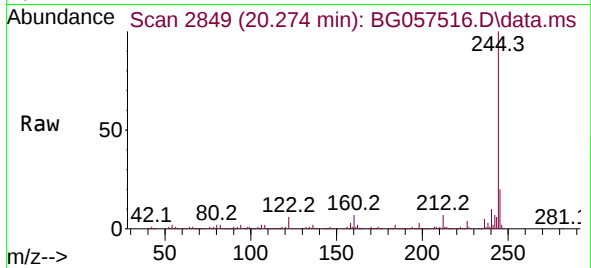




#79
 Terphenyl-d14
 Concen: 62.859 ng
 RT: 20.274 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BG057516.D
 Acq: 23 May 2023 12:34

Instrument :
 BNA_G
 ClientSampleId :
 TP20

Tgt Ion:244 Resp: 536707
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.1 9.1
 122 6.3 5.1 7.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.508 min Scan# 3740
 Delta R.T. -0.007 min
 Lab File: BG057516.D
 Acq: 23 May 2023 12:34

Tgt Ion:264 Resp: 149928
 Ion Ratio Lower Upper
 264 100
 260 22.2 18.8 28.2
 265 21.4 17.9 26.9

