

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052523\
 Data File : BG057557.D
 Acq On : 25 May 2023 14:14
 Operator : CG/JU
 Sample : 02941-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TILCON-CLEANFILL-001

Quant Time: May 25 16:23:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 25 10:58:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.357	152	21952	20.000	ng	0.00
21) Naphthalene-d8	11.194	136	83724	20.000	ng	0.00
39) Acenaphthene-d10	14.971	164	57848	20.000	ng	0.00
64) Phenanthrene-d10	17.709	188	139373	20.000	ng	-0.02
76) Chrysene-d12	22.020	240	129060	20.000	ng	-0.02
86) Perylene-d12	25.522	264	140459	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.878	112	122759	95.660	ng	0.00
7) Phenol-d6	7.499	99	176502	90.573	ng	0.00
23) Nitrobenzene-d5	9.531	82	110662	55.475	ng	-0.02
42) 2,4,6-Tribromophenol	16.457	330	82085	100.006	ng	0.00
45) 2-Fluorobiphenyl	13.597	172	250359	58.288	ng	0.00
79) Terphenyl-d14	20.276	244	444669	56.227	ng	-0.02

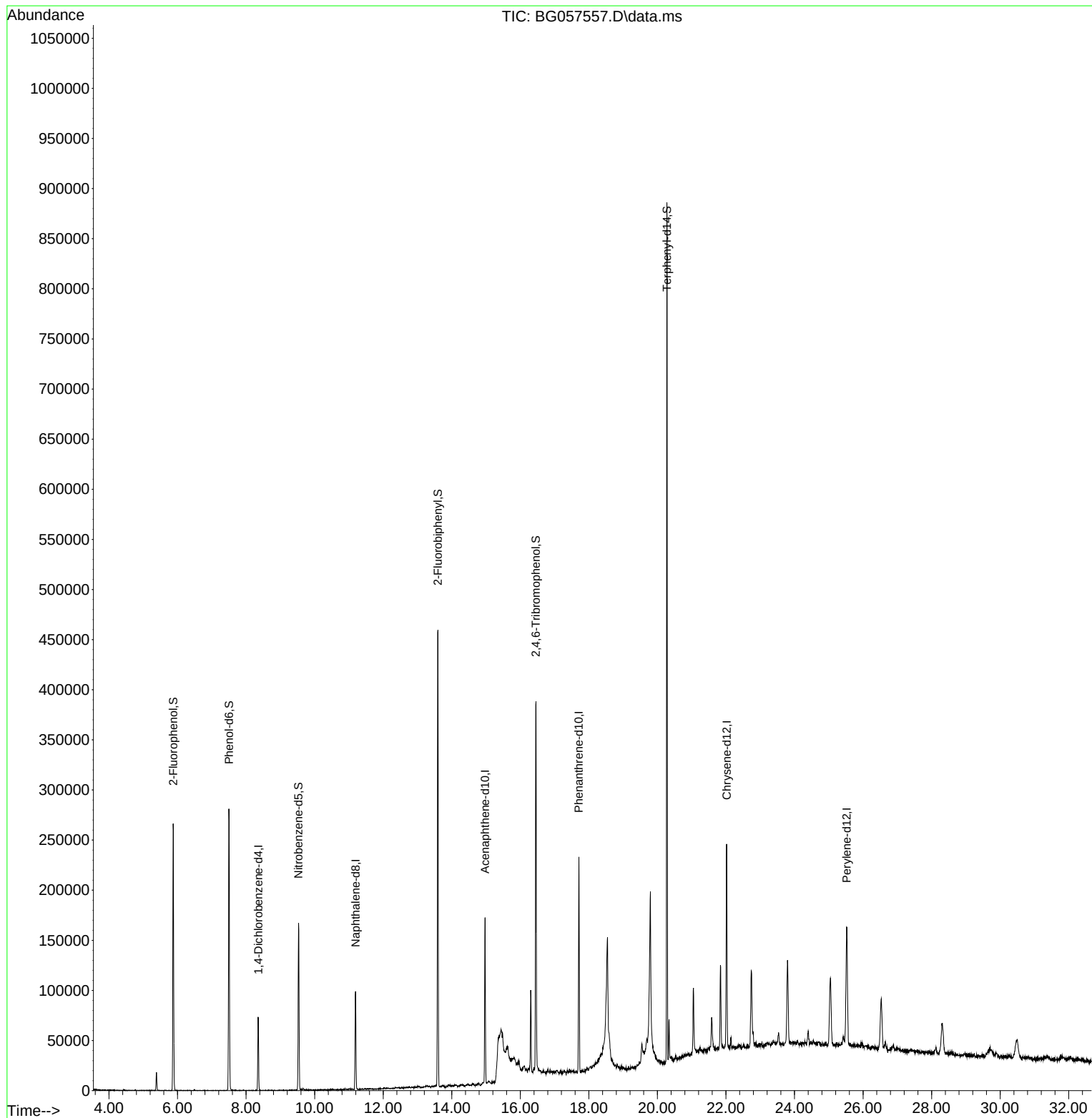
Target Compounds	Qvalue

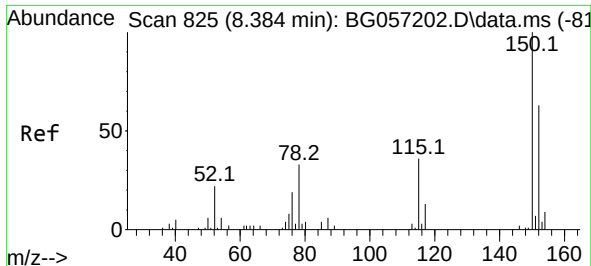
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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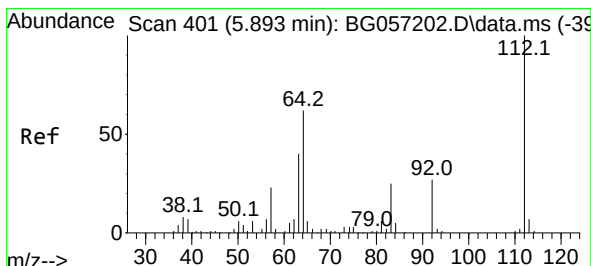
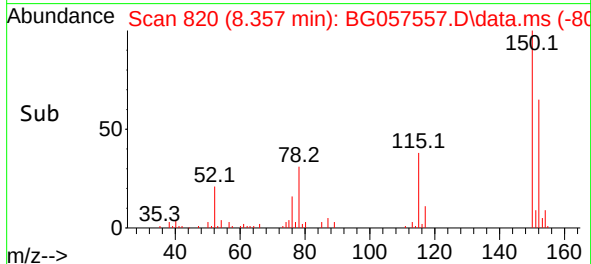
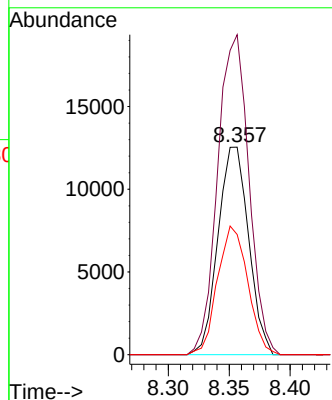
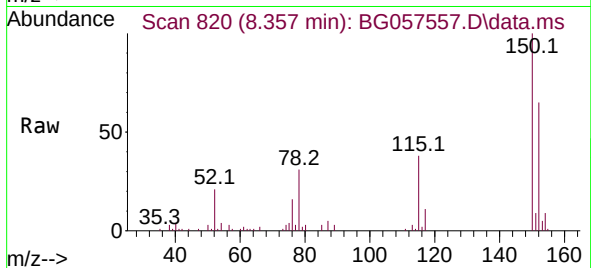




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.357 min Scan# 81
Delta R.T. -0.009 min
Lab File: BG057557.D
Acq: 25 May 2023 14:14

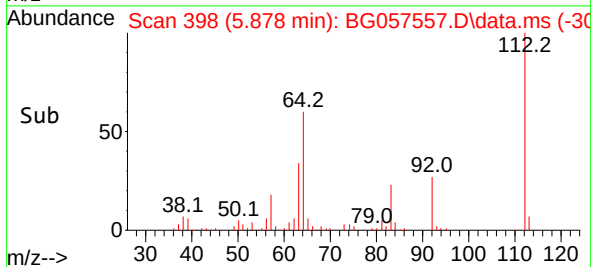
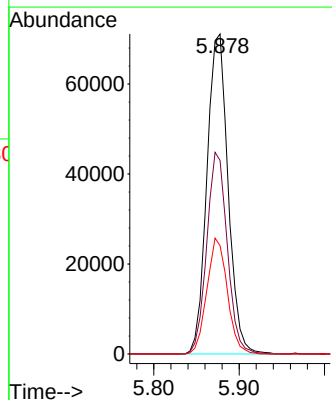
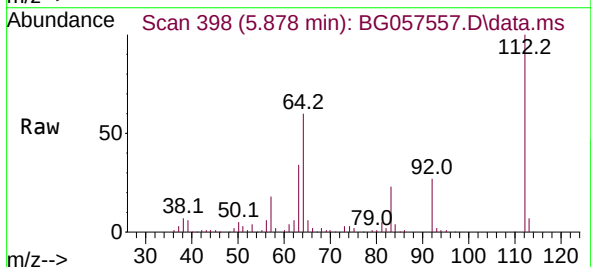
Instrument :
BNA_G
ClientSampleId :
TILCON-CLEANFILL-001

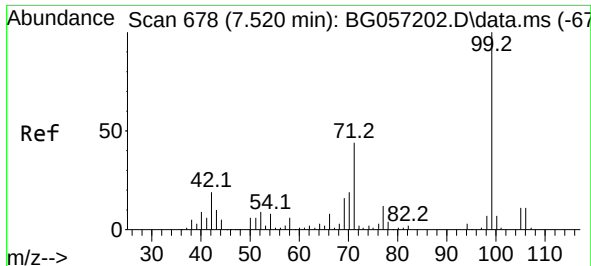
Tgt Ion:152 Resp: 21952
Ion Ratio Lower Upper
152 100
150 154.2 126.2 189.4
115 57.9 45.0 67.4



#5
2-Fluorophenol
Concen: 95.660 ng
RT: 5.878 min Scan# 398
Delta R.T. 0.003 min
Lab File: BG057557.D
Acq: 25 May 2023 14:14

Tgt Ion:112 Resp: 122759
Ion Ratio Lower Upper
112 100
64 60.5 49.4 74.2
63 33.9 31.6 47.4

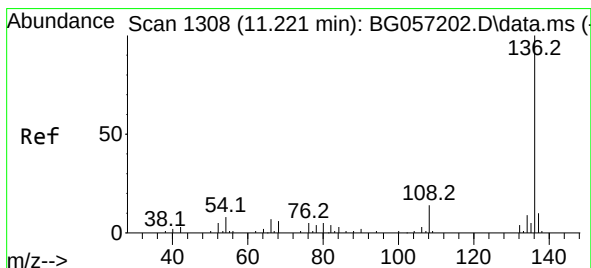
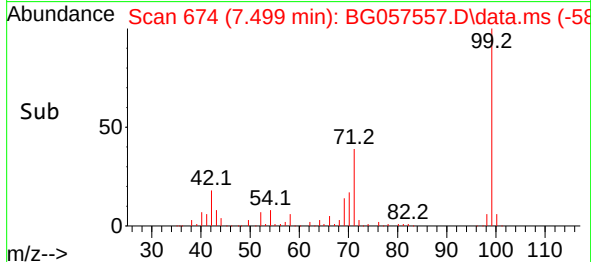
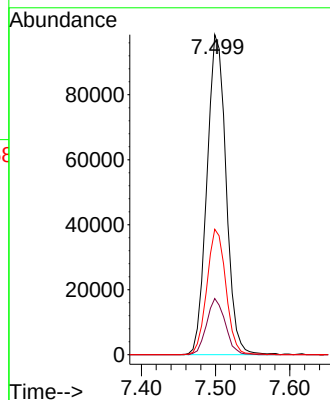
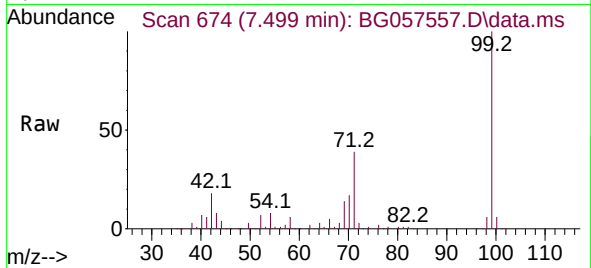




#7
Phenol-d6
Concen: 90.573 ng
RT: 7.499 min Scan# 61
Delta R.T. -0.009 min
Lab File: BG057557.D
Acq: 25 May 2023 14:14

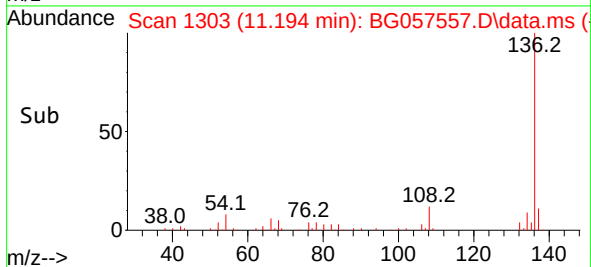
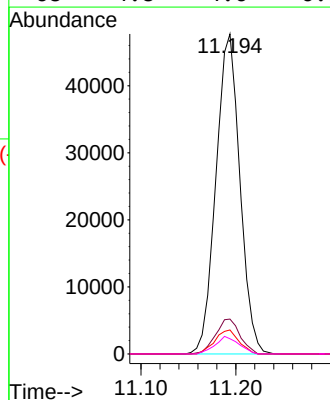
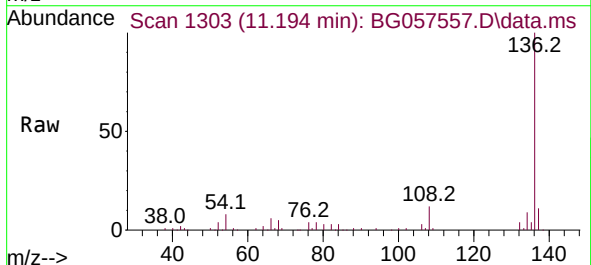
Instrument :
BNA_G
ClientSampleId :
TILCON-CLEANFILL-001

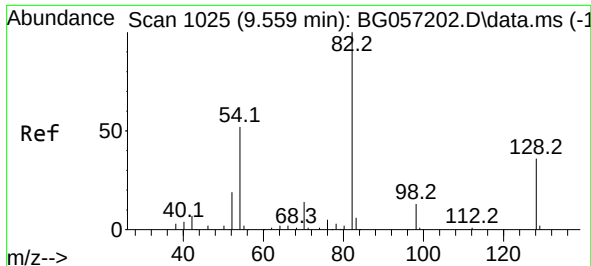
Tgt Ion: 99 Resp: 176502
Ion Ratio Lower Upper
99 100
42 17.6 15.1 22.7
71 39.2 35.2 52.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.194 min Scan# 1303
Delta R.T. -0.009 min
Lab File: BG057557.D
Acq: 25 May 2023 14:14

Tgt Ion: 136 Resp: 83724
Ion Ratio Lower Upper
136 100
137 10.9 8.3 12.5
54 7.5 6.7 10.1
68 4.8 4.6 6.8





#23

Nitrobenzene-d5

Concen: 55.475 ng

RT: 9.531 min Scan# 1020

Delta R.T. -0.015 min

Lab File: BG057557.D

Acq: 25 May 2023 14:14

Instrument :

BNA_G

ClientSampleId :

TILCON-CLEANFILL-001

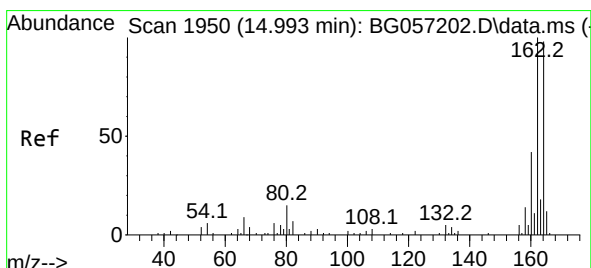
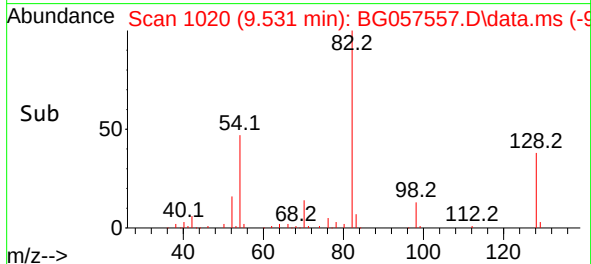
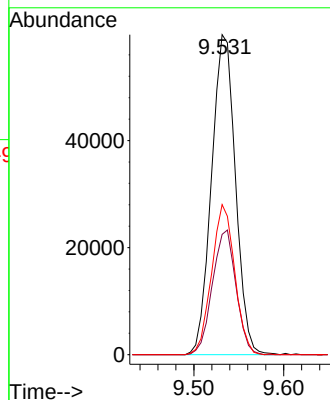
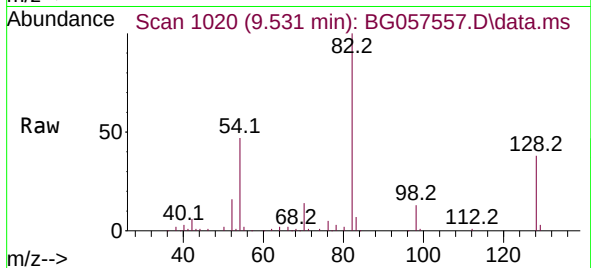
Tgt Ion: 82 Resp: 110662

Ion Ratio Lower Upper

82 100

128 37.6 29.0 43.4

54 46.9 41.4 62.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.971 min Scan# 1946

Delta R.T. -0.009 min

Lab File: BG057557.D

Acq: 25 May 2023 14:14

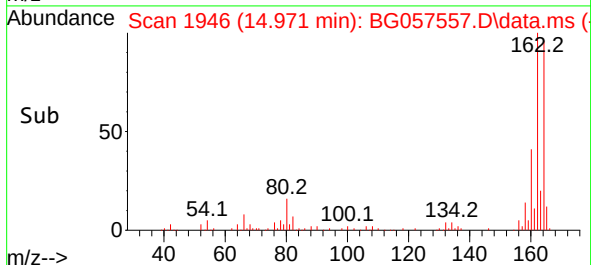
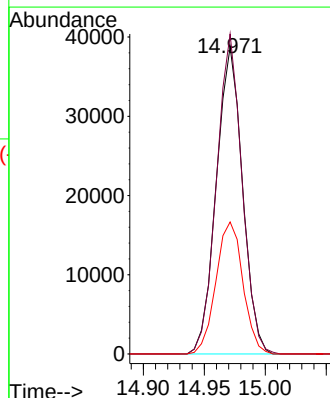
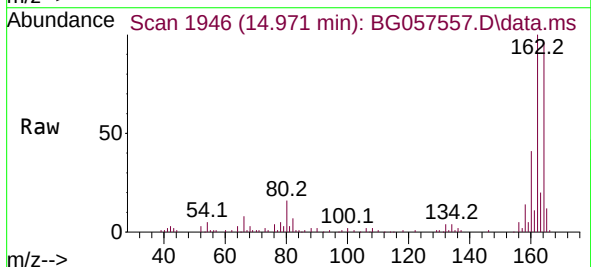
Tgt Ion:164 Resp: 57848

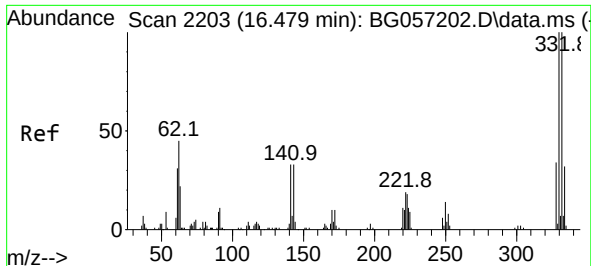
Ion Ratio Lower Upper

164 100

162 104.2 81.8 122.6

160 43.0 34.6 52.0

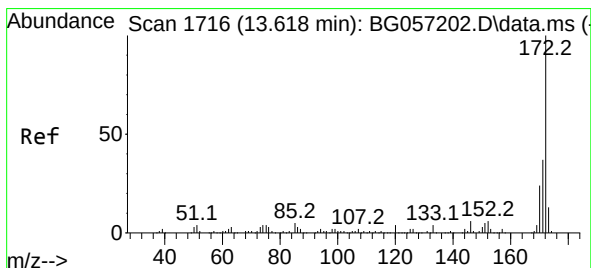
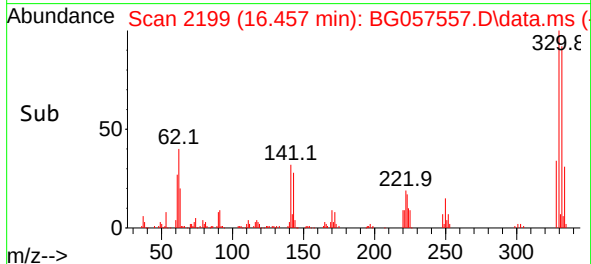
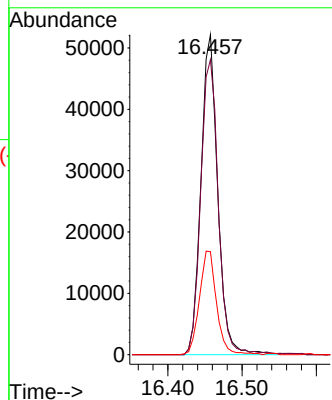
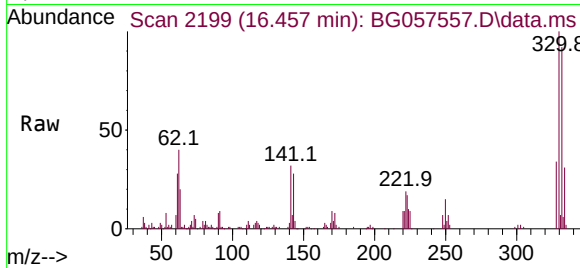




#42
2,4,6-Tribromophenol
Concen: 100.006 ng
RT: 16.457 min Scan# 2199
Delta R.T. -0.009 min
Lab File: BG057557.D
Acq: 25 May 2023 14:14

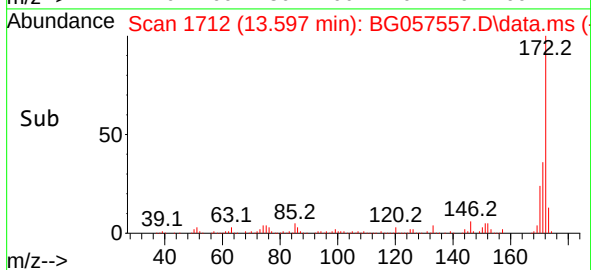
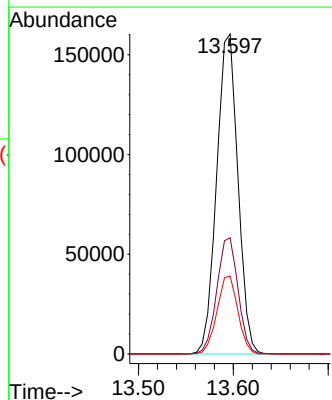
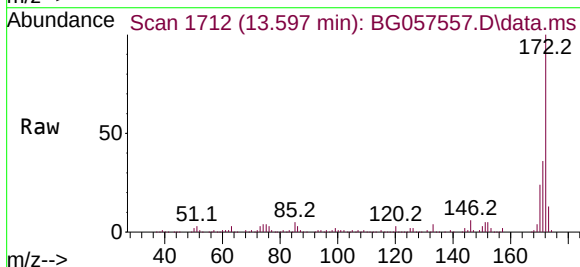
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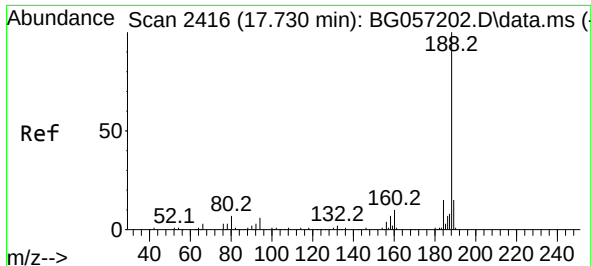
Tgt Ion:330 Resp: 82085
Ion Ratio Lower Upper
330 100
332 96.6 78.2 117.2
141 33.0 27.8 41.8



#45
2-Fluorobiphenyl
Concen: 58.288 ng
RT: 13.597 min Scan# 1712
Delta R.T. -0.009 min
Lab File: BG057557.D
Acq: 25 May 2023 14:14

Tgt Ion:172 Resp: 250359
Ion Ratio Lower Upper
172 100
171 36.3 29.4 44.0
170 24.4 19.0 28.6

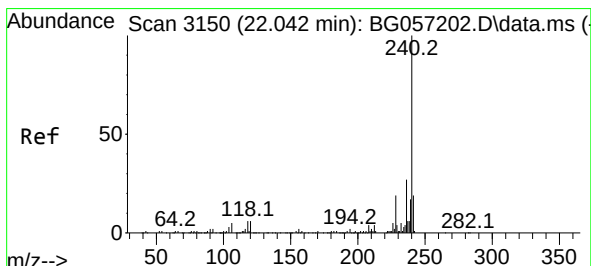
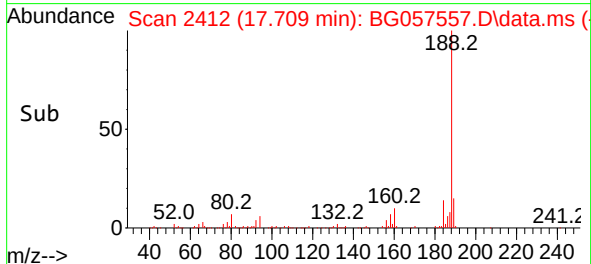
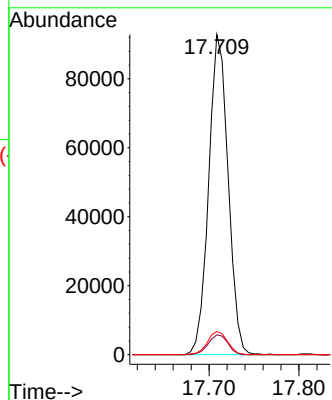
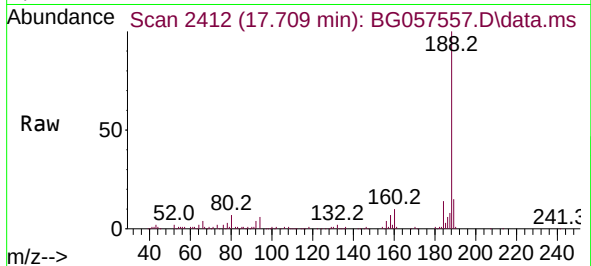




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.709 min Scan# 2416
Delta R.T. -0.015 min
Lab File: BG057557.D
Acq: 25 May 2023 14:14

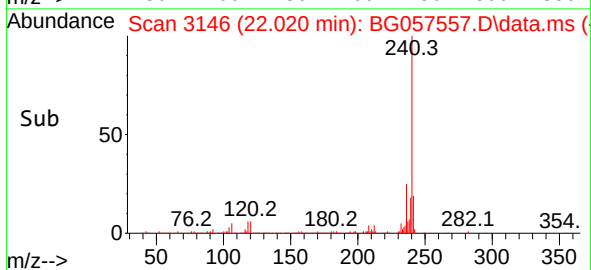
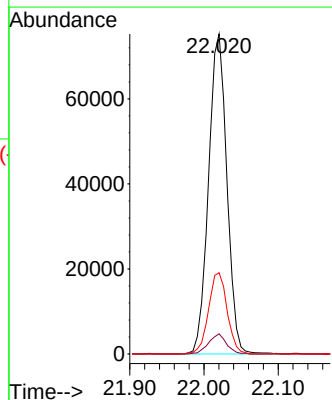
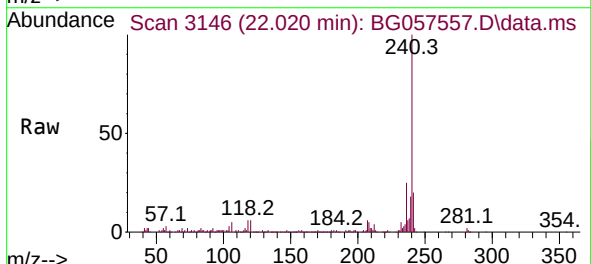
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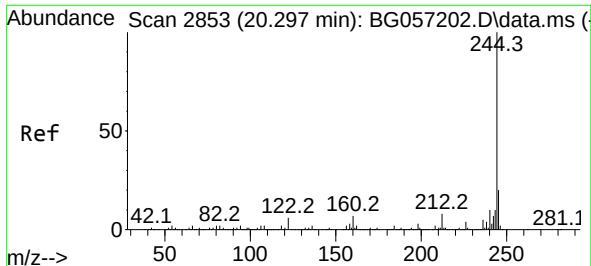
Tgt Ion:188 Resp: 139373
Ion Ratio Lower Upper
188 100
94 6.2 5.1 7.7
80 7.3 5.7 8.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.020 min Scan# 3146
Delta R.T. -0.015 min
Lab File: BG057557.D
Acq: 25 May 2023 14:14

Tgt Ion:240 Resp: 129060
Ion Ratio Lower Upper
240 100
120 6.3 4.9 7.3
236 25.4 21.4 32.2

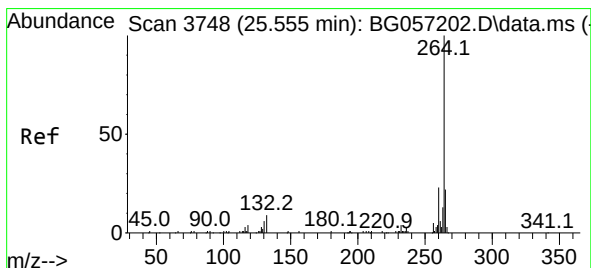
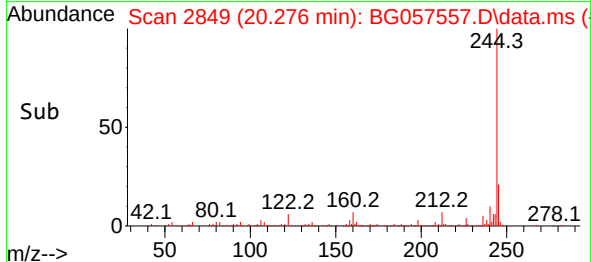
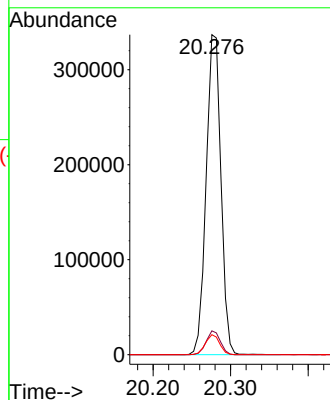
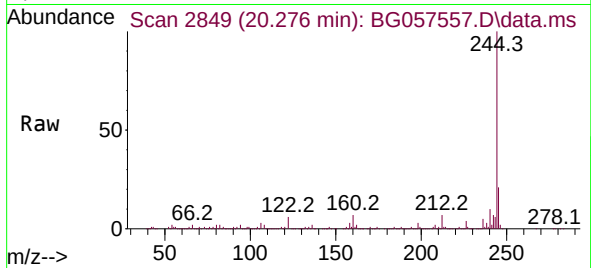




#79
 Terphenyl-d14
 Concen: 56.227 ng
 RT: 20.276 min Scan# 21
 Delta R.T. -0.015 min
 Lab File: BG057557.D
 Acq: 25 May 2023 14:14

Instrument :
 BNA_G
 ClientSampleId :
 TILCON-CLEANFILL-001

Tgt Ion:244 Resp: 444669
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.1 9.1
 122 6.2 5.1 7.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.522 min Scan# 3742
 Delta R.T. -0.021 min
 Lab File: BG057557.D
 Acq: 25 May 2023 14:14

Tgt Ion:264 Resp: 140459
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.8 28.2
 265 23.4 17.9 26.9

