

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052523\
 Data File : BG057563.D
 Acq On : 25 May 2023 18:31
 Operator : CG/JU
 Sample : 02908-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB10B

Quant Time: May 26 03:00:16 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 26 02:58:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.351	152	20569	20.000	ng	0.00
21) Naphthalene-d8	11.189	136	78711	20.000	ng	# 0.00
39) Acenaphthene-d10	14.966	164	57207	20.000	ng	0.00
64) Phenanthrene-d10	17.709	188	140442	20.000	ng	0.00
76) Chrysene-d12	22.015	240	126471	20.000	ng	0.00
86) Perylene-d12	25.516	264	136930	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.872	112	129134	107.394	ng	0.00
7) Phenol-d6	7.500	99	189487	103.775	ng	0.00
23) Nitrobenzene-d5	9.532	82	118877	63.388	ng	0.00
42) 2,4,6-Tribromophenol	16.452	330	96052	118.333	ng	0.00
45) 2-Fluorobiphenyl	13.591	172	280703	66.085	ng	0.00
79) Terphenyl-d14	20.276	244	507983	65.548	ng	0.00

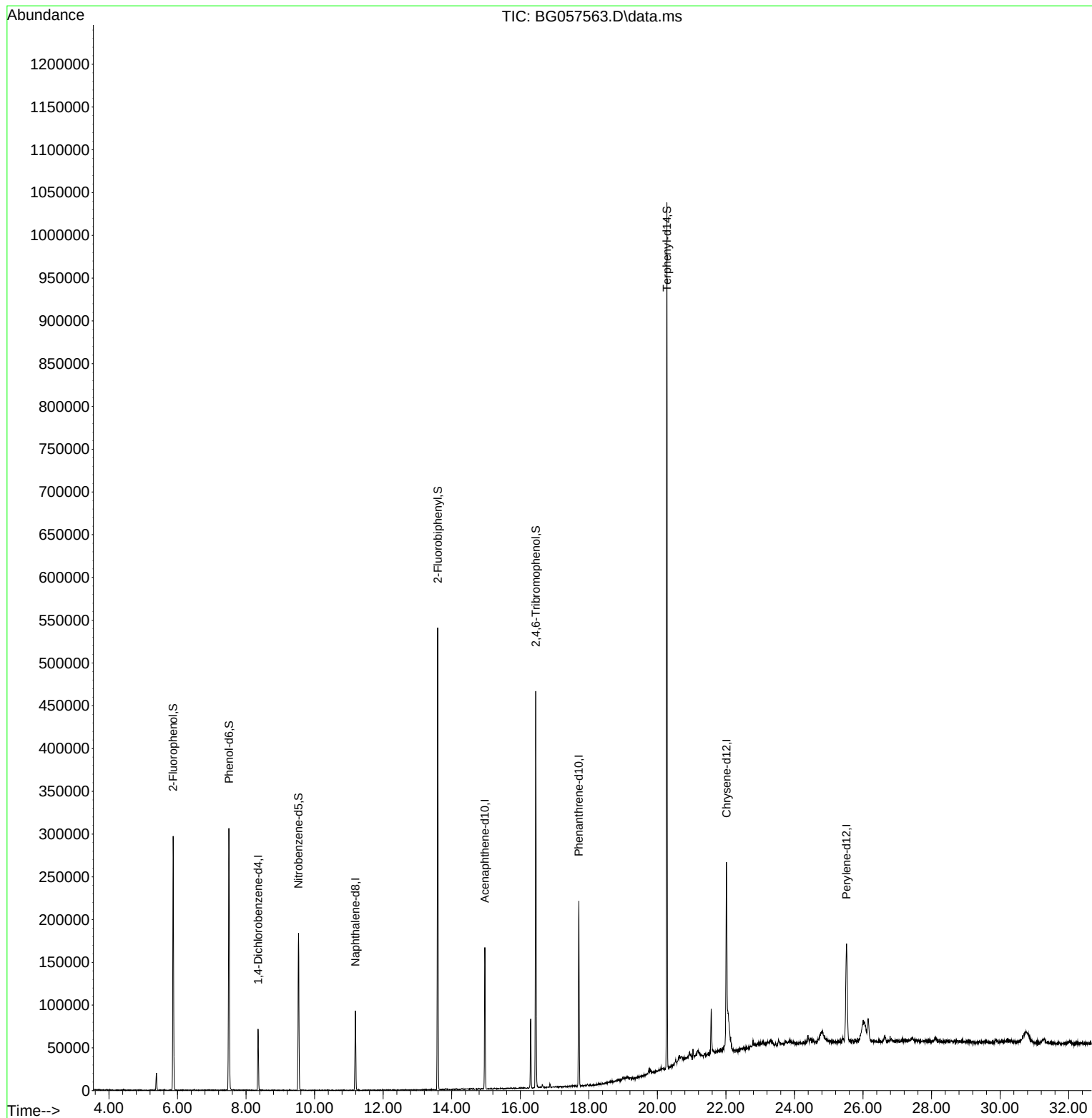
Target Compounds	Qvalue

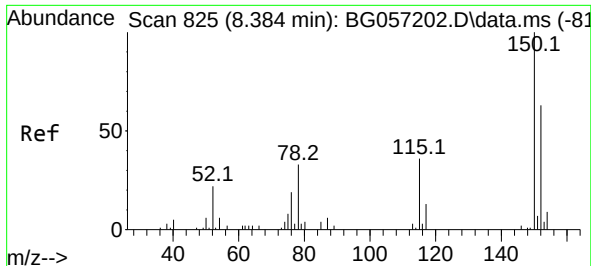
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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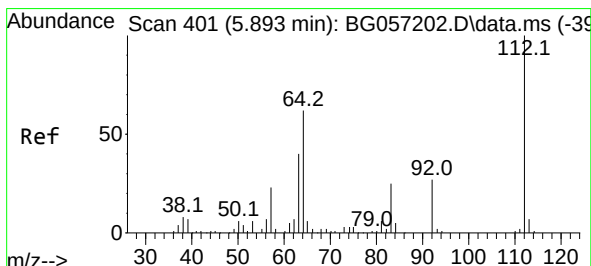
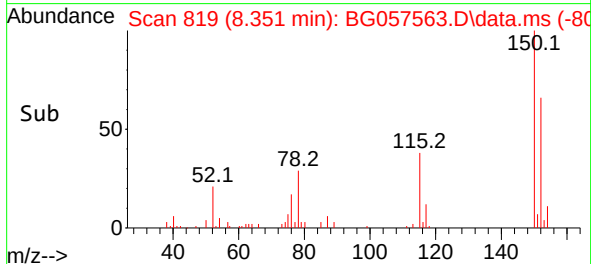
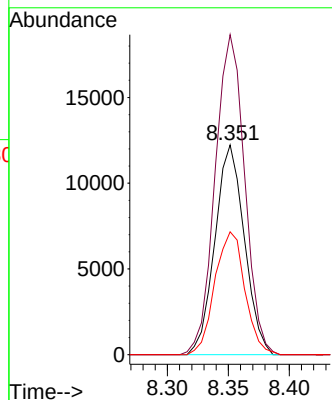
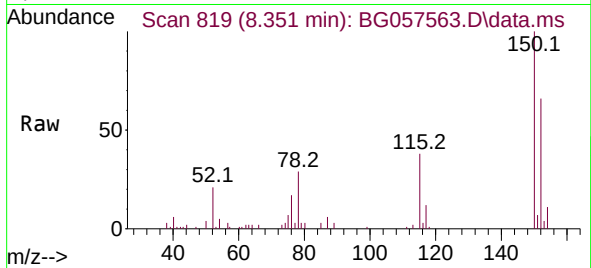




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.351 min Scan# 81
Delta R.T. 0.000 min
Lab File: BG057563.D
Acq: 25 May 2023 18:31

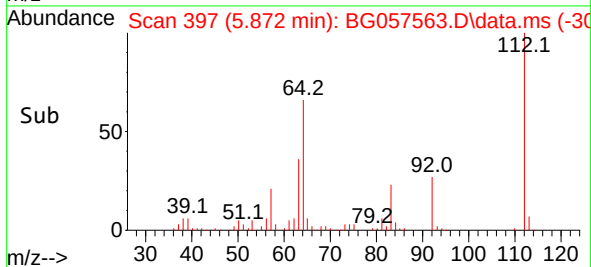
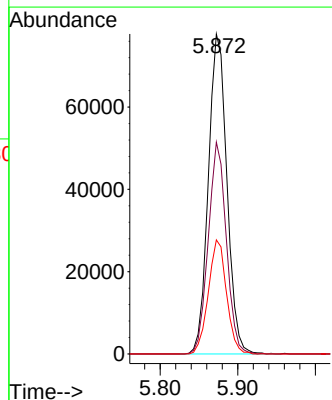
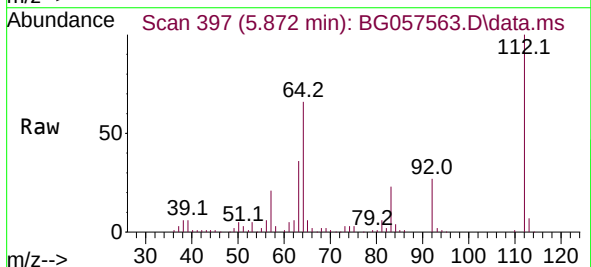
Instrument :
BNA_G
ClientSampleId :
SB10B

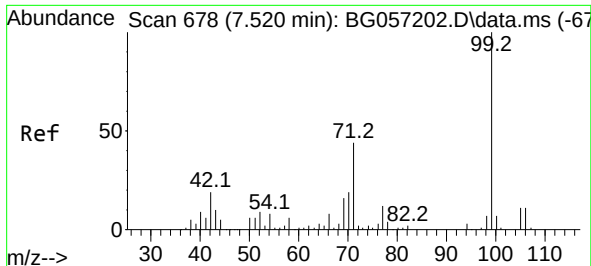
Tgt Ion:152 Resp: 20569
Ion Ratio Lower Upper
152 100
150 152.6 126.2 189.4
115 58.6 45.0 67.4



#5
2-Fluorophenol
Concen: 107.394 ng
RT: 5.872 min Scan# 397
Delta R.T. 0.000 min
Lab File: BG057563.D
Acq: 25 May 2023 18:31

Tgt Ion:112 Resp: 129134
Ion Ratio Lower Upper
112 100
64 66.2 49.4 74.2
63 35.7 31.6 47.4

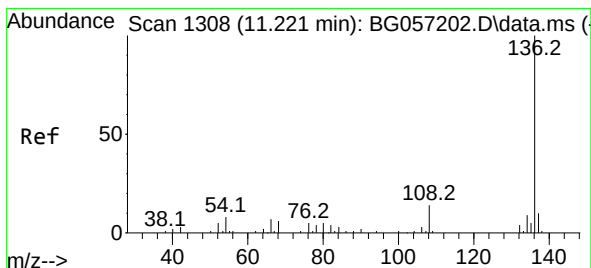
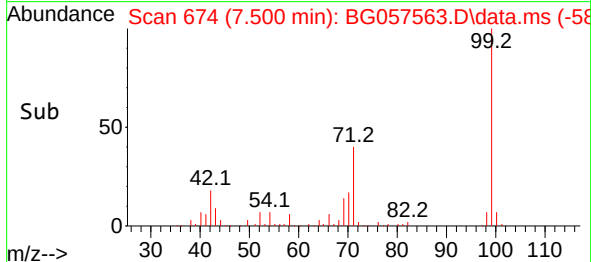
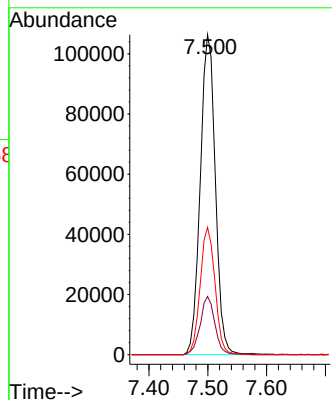
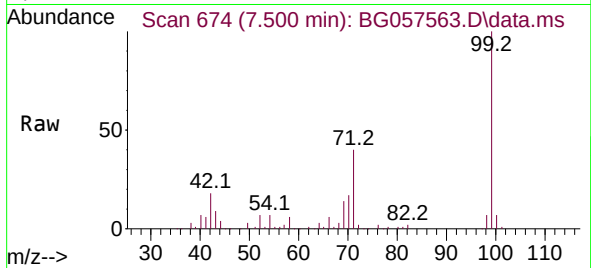




#7
Phenol-d6
Concen: 103.775 ng
RT: 7.500 min Scan# 61
Delta R.T. 0.000 min
Lab File: BG057563.D
Acq: 25 May 2023 18:31

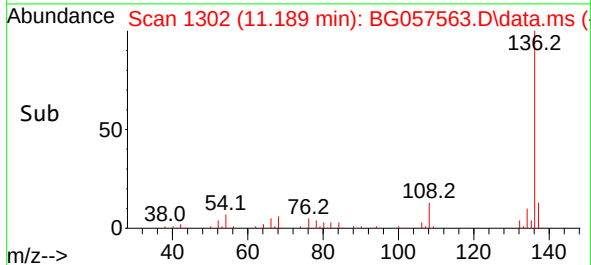
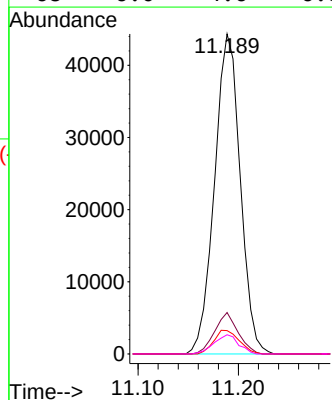
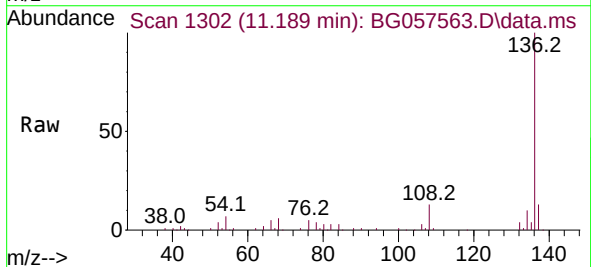
Instrument :
BNA_G
ClientSampleId :
SB10B

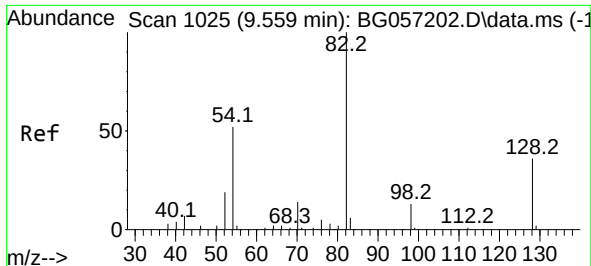
Tgt Ion: 99 Resp: 189487
Ion Ratio Lower Upper
99 100
42 18.2 15.1 22.7
71 39.8 35.2 52.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.189 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BG057563.D
Acq: 25 May 2023 18:31

Tgt Ion: 136 Resp: 78711
Ion Ratio Lower Upper
136 100
137 13.0 8.3 12.5#
54 7.3 6.7 10.1
68 6.0 4.6 6.8





#23

Nitrobenzene-d5

Concen: 63.388 ng

RT: 9.532 min Scan# 1

Delta R.T. -0.006 min

Lab File: BG057563.D

Acq: 25 May 2023 18:31

Instrument :

BNA_G

ClientSampleId :

SB10B

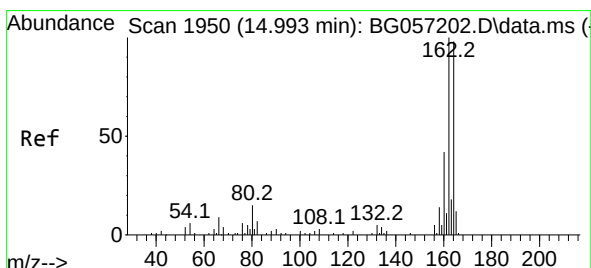
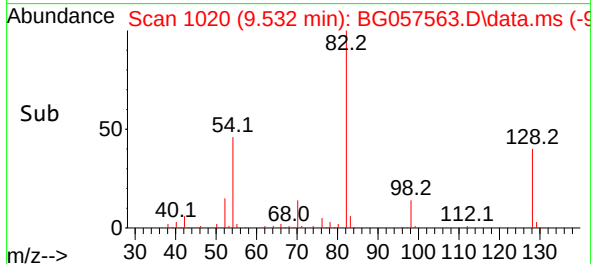
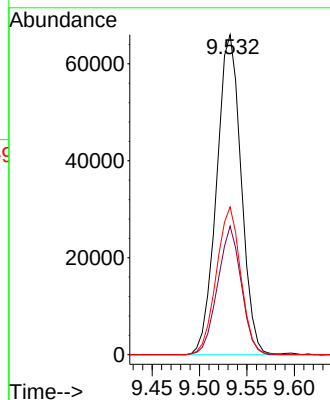
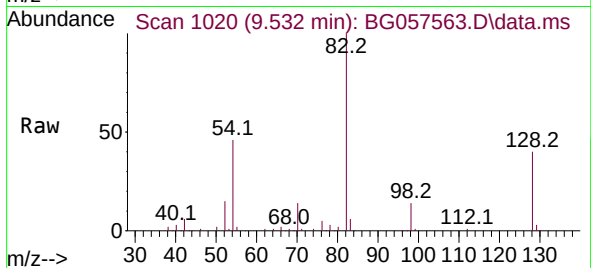
Tgt Ion: 82 Resp: 118877

Ion Ratio Lower Upper

82 100

128 40.2 29.0 43.4

54 46.2 41.4 62.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.966 min Scan# 1945

Delta R.T. -0.006 min

Lab File: BG057563.D

Acq: 25 May 2023 18:31

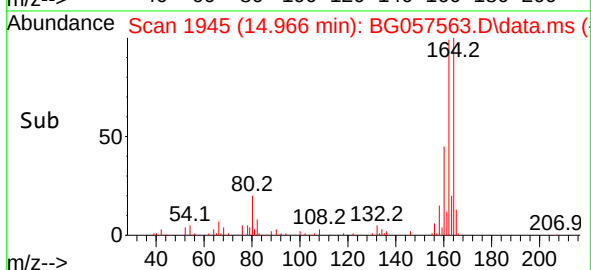
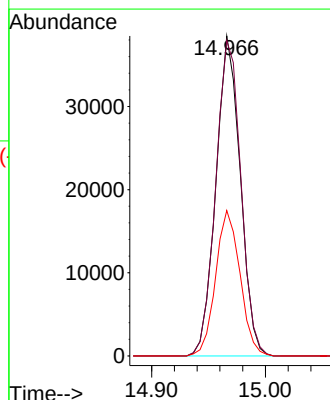
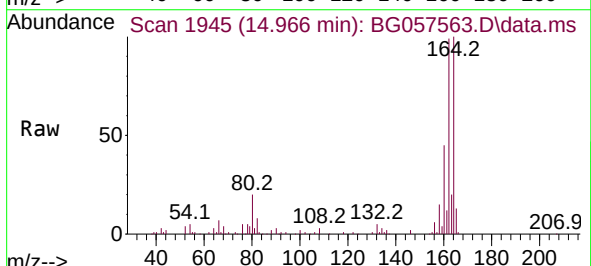
Tgt Ion:164 Resp: 57207

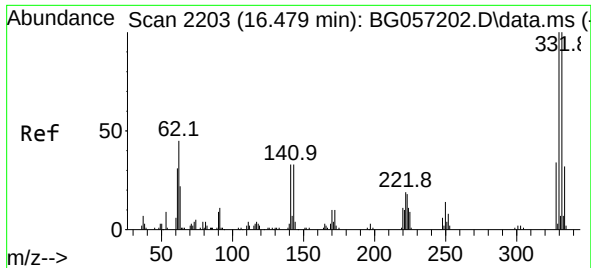
Ion Ratio Lower Upper

164 100

162 98.6 81.8 122.6

160 45.4 34.6 52.0

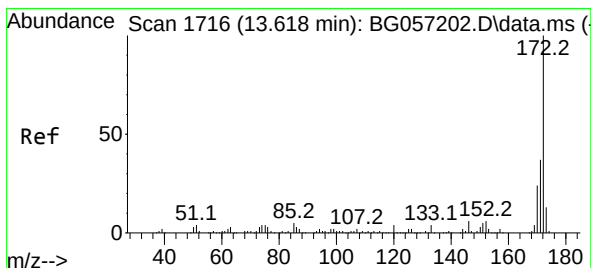
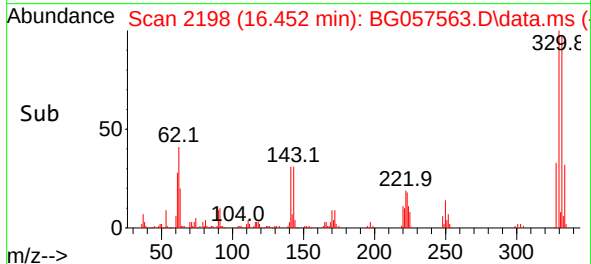
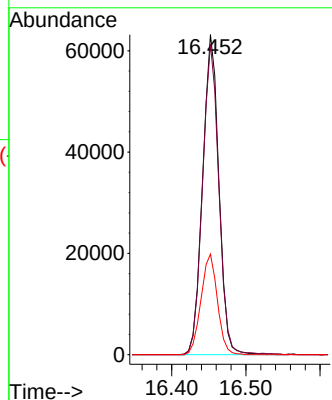
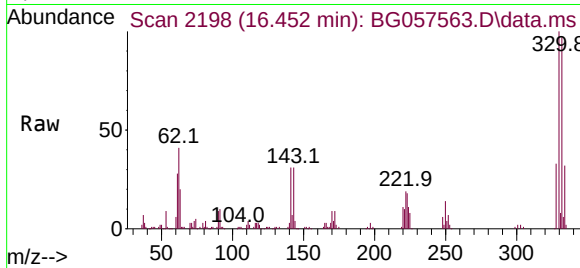




#42
2,4,6-Tribromophenol
Concen: 118.333 ng
RT: 16.452 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BG057563.D
Acq: 25 May 2023 18:31

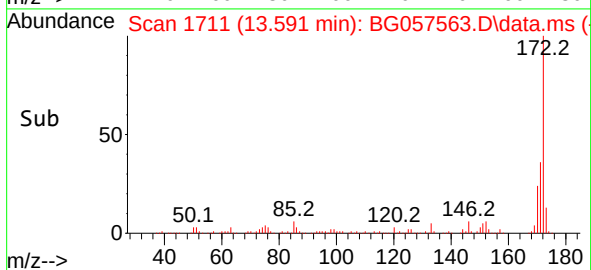
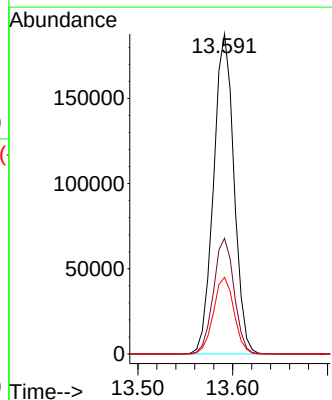
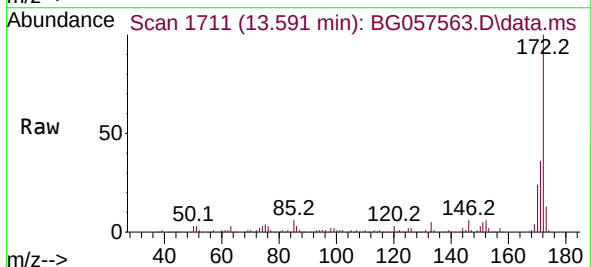
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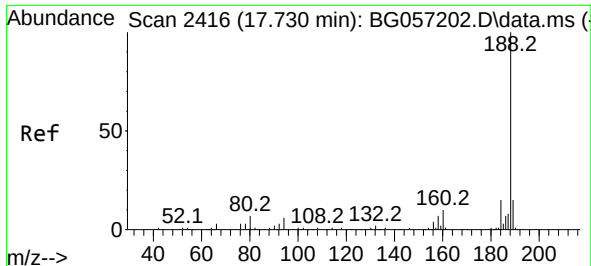
Tgt Ion:330 Resp: 96052
Ion Ratio Lower Upper
330 100
332 97.6 78.2 117.2
141 31.6 27.8 41.8



#45
2-Fluorobiphenyl
Concen: 66.085 ng
RT: 13.591 min Scan# 1711
Delta R.T. -0.006 min
Lab File: BG057563.D
Acq: 25 May 2023 18:31

Tgt Ion:172 Resp: 280703
Ion Ratio Lower Upper
172 100
171 36.2 29.4 44.0
170 23.9 19.0 28.6

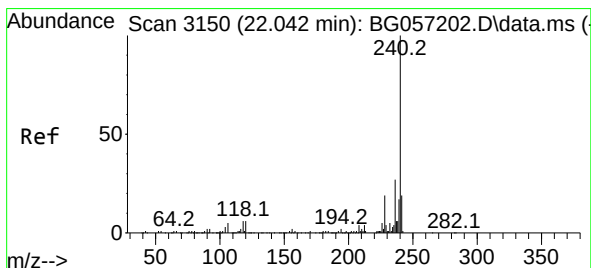
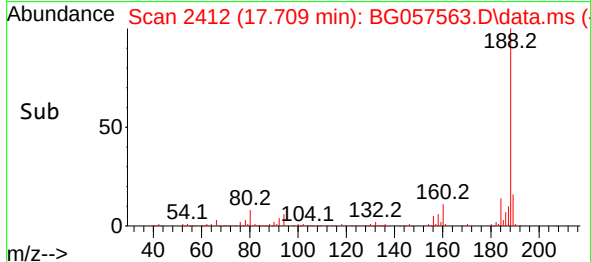
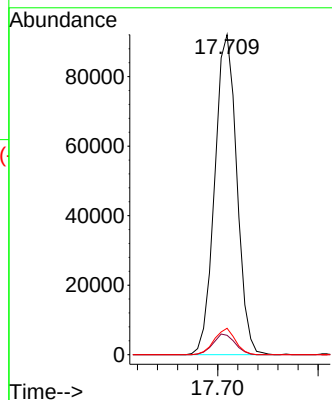
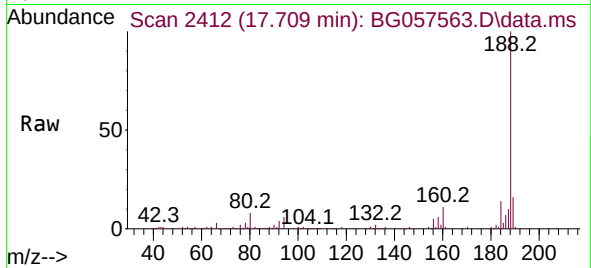




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.709 min Scan# 2416
Delta R.T. 0.000 min
Lab File: BG057563.D
Acq: 25 May 2023 18:31

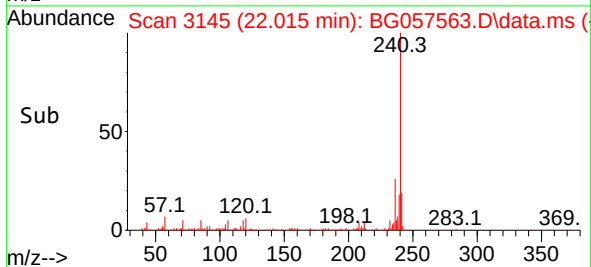
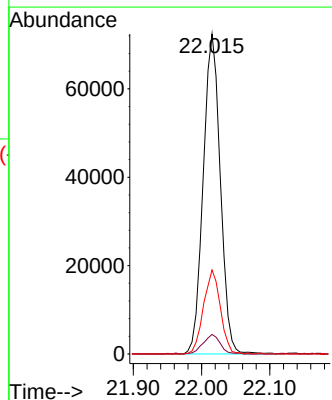
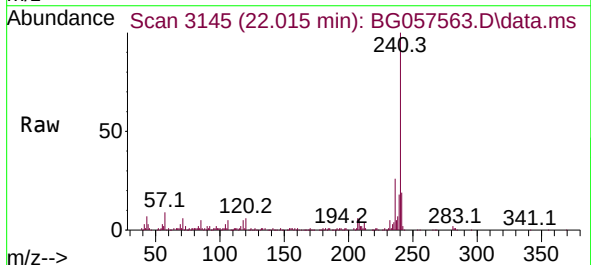
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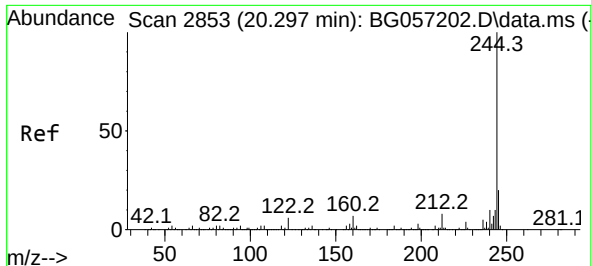
Tgt Ion:188 Resp: 140442
Ion Ratio Lower Upper
188 100
94 6.1 5.1 7.7
80 8.2 5.7 8.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.015 min Scan# 3145
Delta R.T. -0.006 min
Lab File: BG057563.D
Acq: 25 May 2023 18:31

Tgt Ion:240 Resp: 126471
Ion Ratio Lower Upper
240 100
120 6.1 4.9 7.3
236 26.3 21.4 32.2

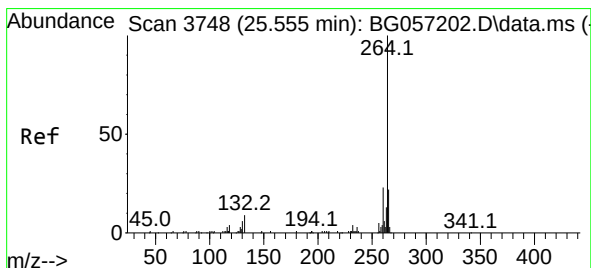
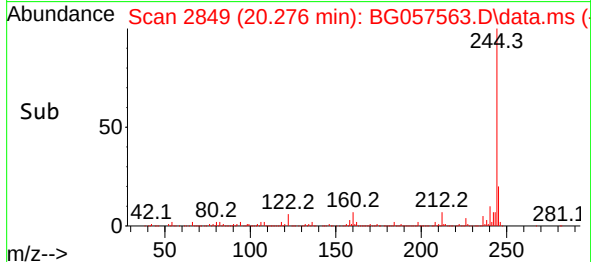
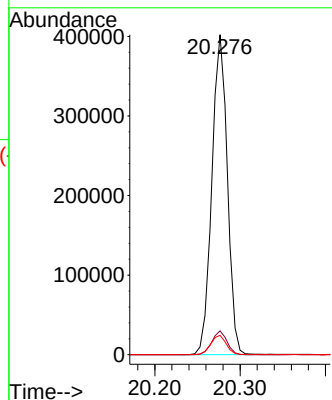
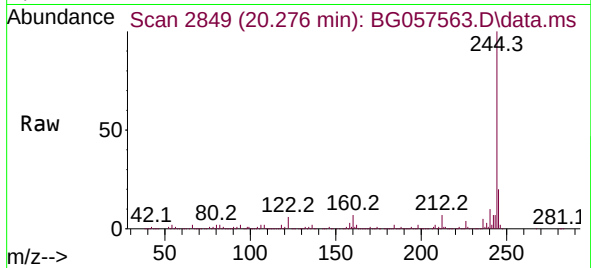




#79
 Terphenyl-d14
 Concen: 65.548 ng
 RT: 20.276 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BG057563.D
 Acq: 25 May 2023 18:31

Instrument :
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 ClientSampleId :
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Tgt Ion:244 Resp: 507983
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.1 9.1
 122 6.1 5.1 7.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.516 min Scan# 3741
 Delta R.T. -0.006 min
 Lab File: BG057563.D
 Acq: 25 May 2023 18:31

Tgt Ion:264 Resp: 136930
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.8 28.2
 265 22.1 17.9 26.9

