

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041823\
 Data File : BG057135.D
 Acq On : 18 Apr 2023 22:31
 Operator : CG/JU
 Sample : PB152179BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB152179BL

Quant Time: Apr 19 05:00:46 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG041823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 19 04:21:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.396	152	13379	20.000	ng	0.00
21) Naphthalene-d8	11.240	136	37096	20.000	ng	# 0.00
39) Acenaphthene-d10	15.005	164	39765	20.000	ng	0.00
64) Phenanthrene-d10	17.748	188	98584	20.000	ng	# 0.00
76) Chrysene-d12	22.060	240	87748	20.000	ng	0.00
86) Perylene-d12	25.591	264	93999	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.906	112	78581	100.032	ng	0.00
7) Phenol-d6	7.533	99	157893	135.969	ng	0.00
23) Nitrobenzene-d5	9.571	82	105216	124.909	ng	0.00
42) 2,4,6-Tribromophenol	16.491	330	90550	134.223	ng	0.00
45) 2-Fluorobiphenyl	13.636	172	276268	91.532	ng	0.00
79) Terphenyl-d14	20.316	244	571944	98.609	ng	0.00

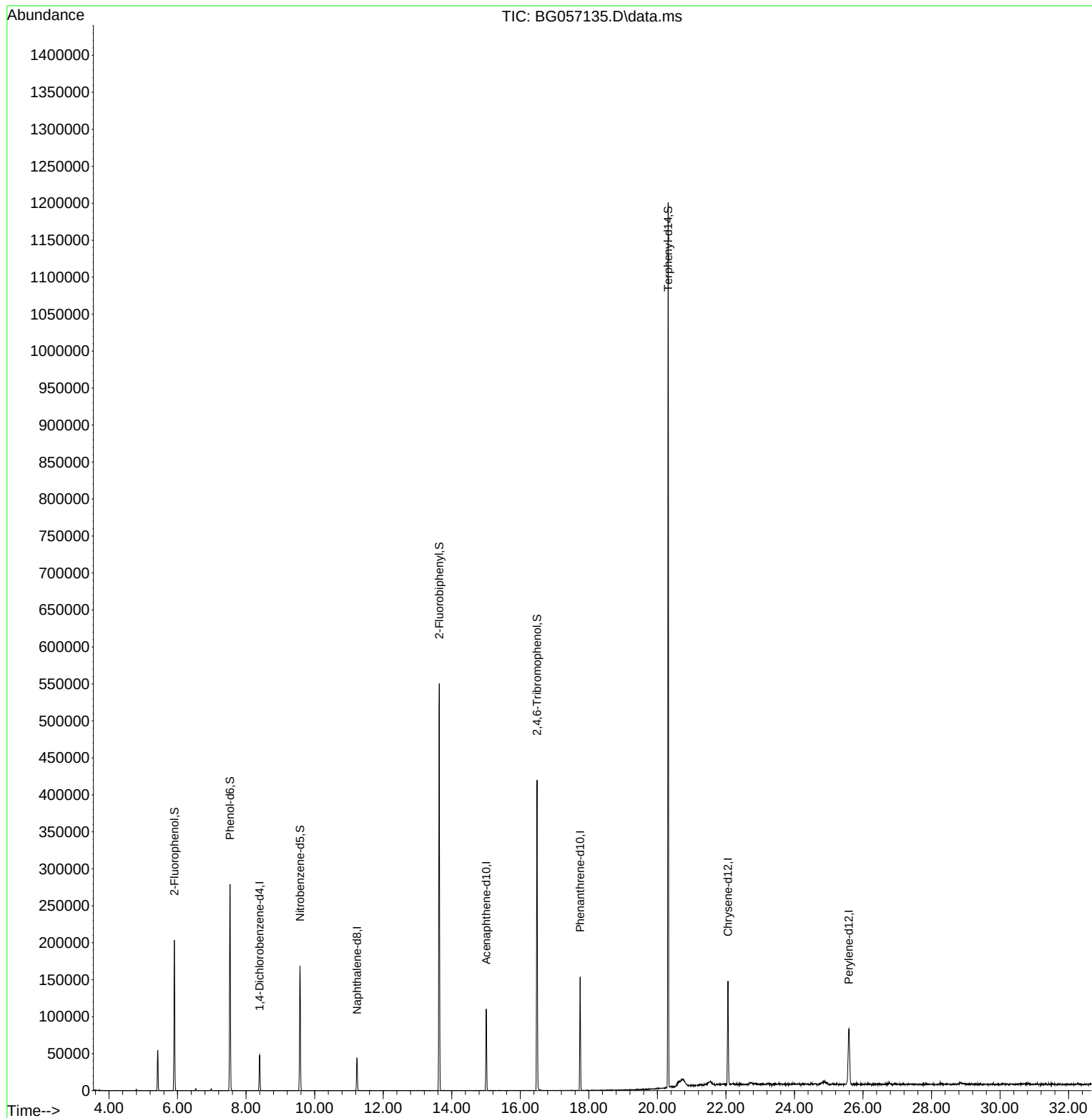
Target Compounds	Qvalue

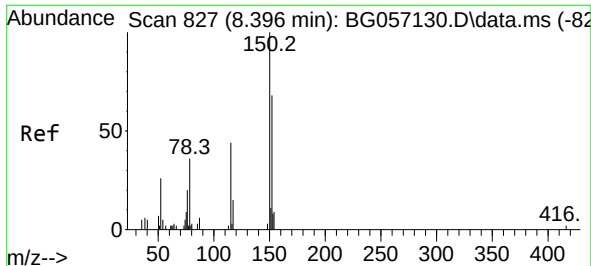
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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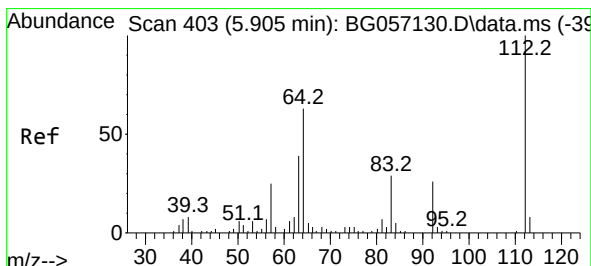
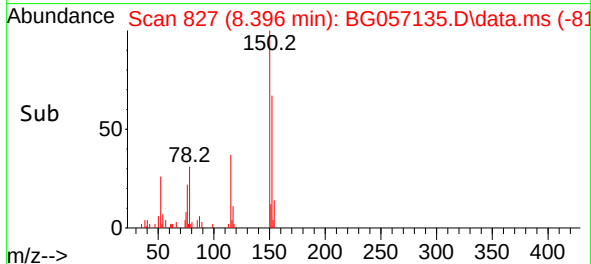
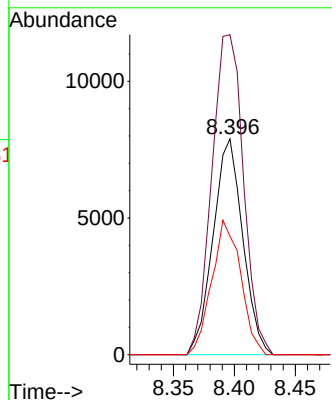
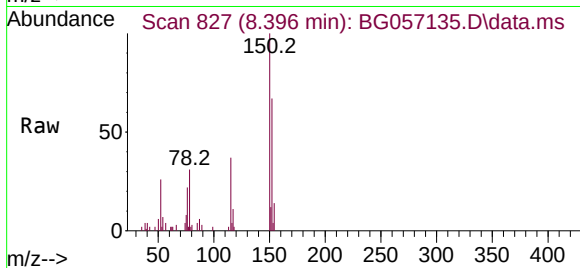




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.396 min Scan# 81
Delta R.T. 0.000 min
Lab File: BG057135.D
Acq: 18 Apr 2023 22:31

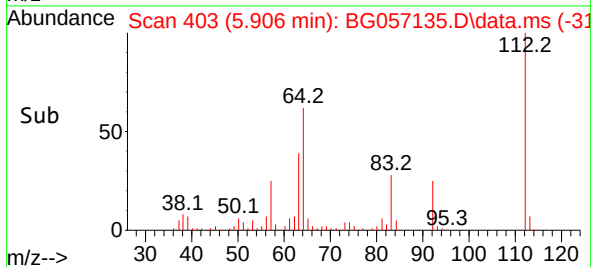
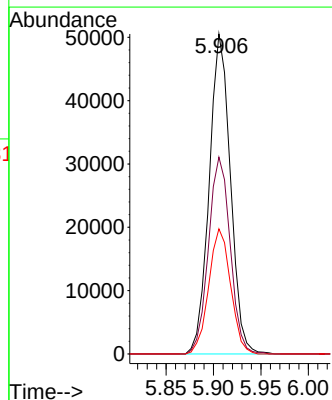
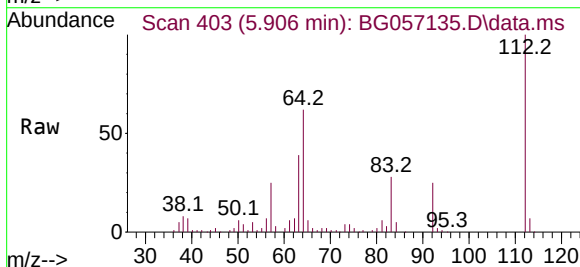
Instrument :
BNA_G
ClientSampleId :
PB152179BL

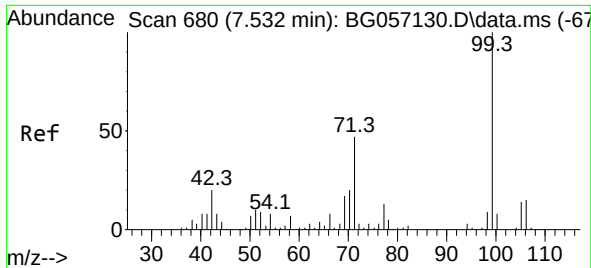
Tgt Ion:152 Resp: 13379
Ion Ratio Lower Upper
152 100
150 148.3 118.0 177.0
115 54.8 51.8 77.6



#5
2-Fluorophenol
Concen: 100.032 ng
RT: 5.906 min Scan# 403
Delta R.T. 0.001 min
Lab File: BG057135.D
Acq: 18 Apr 2023 22:31

Tgt Ion:112 Resp: 78581
Ion Ratio Lower Upper
112 100
64 61.5 50.6 76.0
63 39.1 31.2 46.8

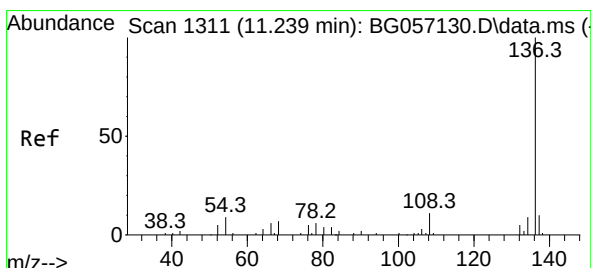
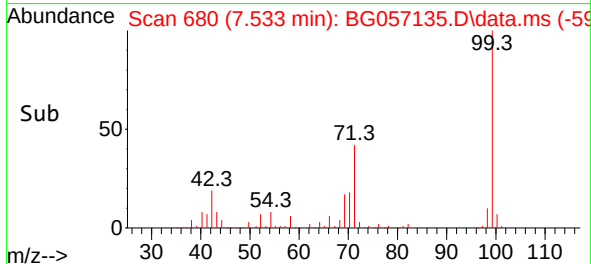
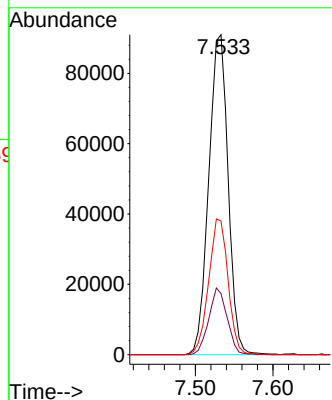
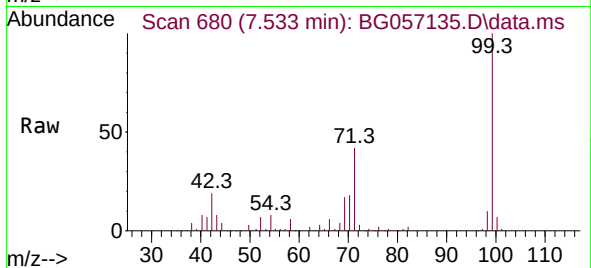




#7
Phenol-d6
Concen: 135.969 ng
RT: 7.533 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG057135.D
Acq: 18 Apr 2023 22:31

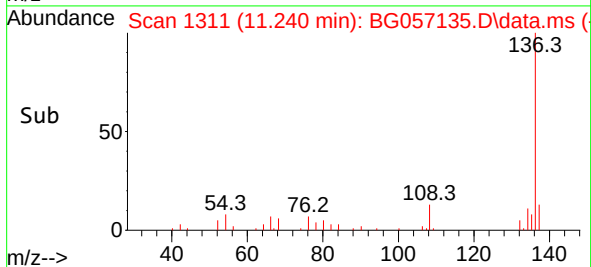
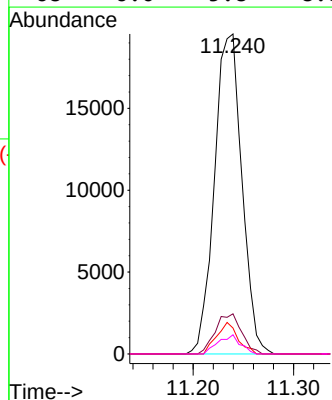
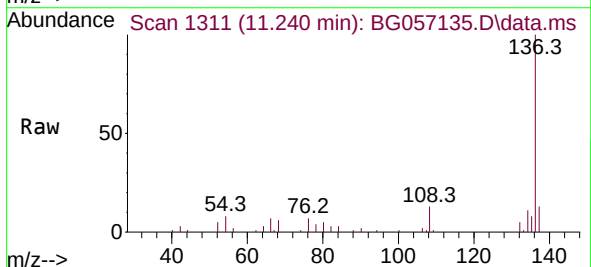
Instrument :
BNA_G
ClientSampleId :
PB152179BL

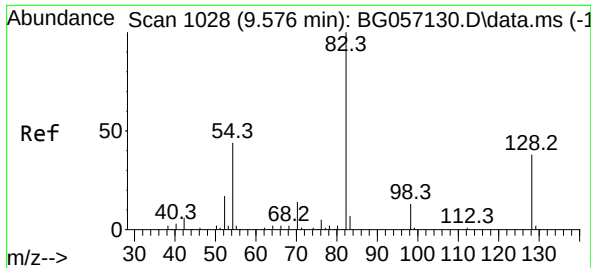
Tgt Ion: 99 Resp: 157893
Ion Ratio Lower Upper
99 100
42 19.1 16.2 24.4
71 41.8 37.8 56.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.240 min Scan# 1311
Delta R.T. 0.001 min
Lab File: BG057135.D
Acq: 18 Apr 2023 22:31

Tgt Ion: 136 Resp: 37096
Ion Ratio Lower Upper
136 100
137 12.6 7.8 11.6#
54 8.1 7.3 10.9
68 6.0 5.8 8.8





#23

Nitrobenzene-d5

Concen: 124.909 ng

RT: 9.571 min Scan# 1027

Delta R.T. -0.005 min

Lab File: BG057135.D

Acq: 18 Apr 2023 22:31

Instrument :

BNA_G

ClientSampleId :

PB152179BL

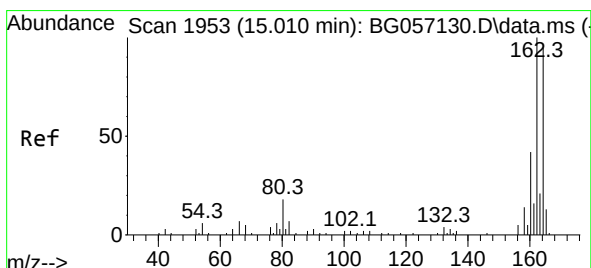
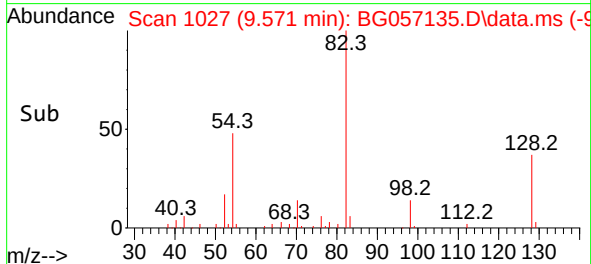
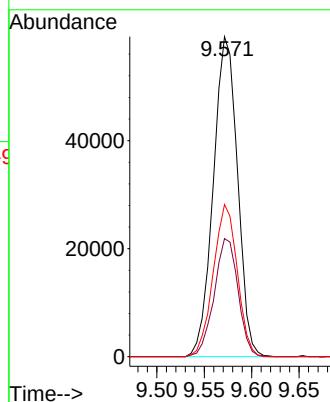
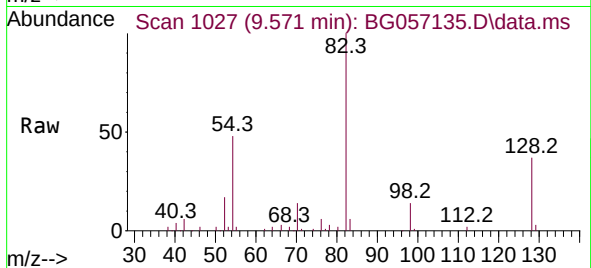
Tgt Ion: 82 Resp: 105216

Ion Ratio Lower Upper

82 100

128 36.9 30.5 45.7

54 47.5 35.4 53.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.005 min Scan# 1952

Delta R.T. -0.005 min

Lab File: BG057135.D

Acq: 18 Apr 2023 22:31

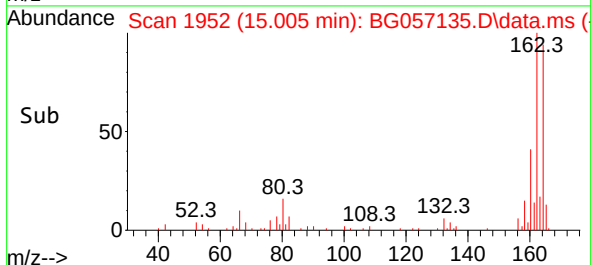
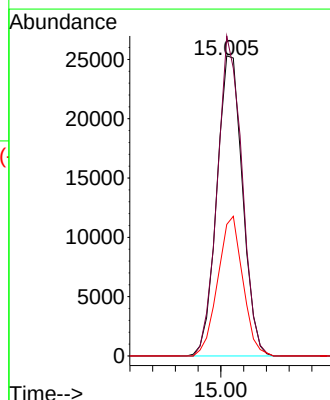
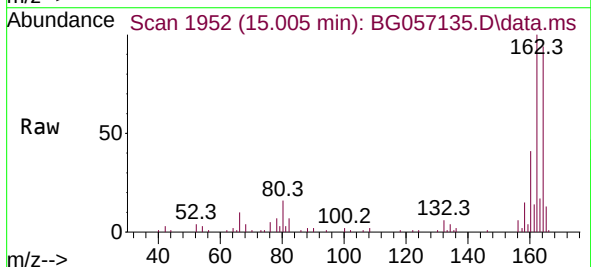
Tgt Ion:164 Resp: 39765

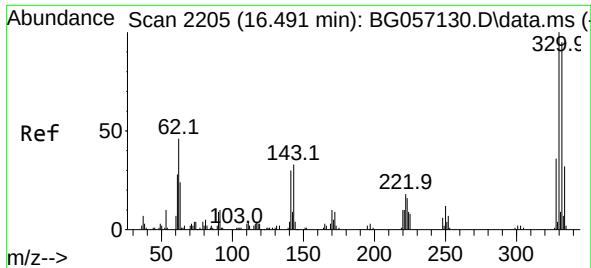
Ion Ratio Lower Upper

164 100

162 106.6 83.8 125.8

160 43.8 35.1 52.7

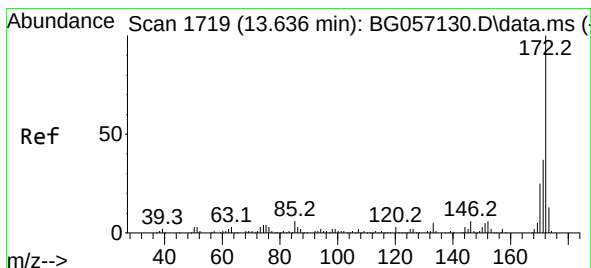
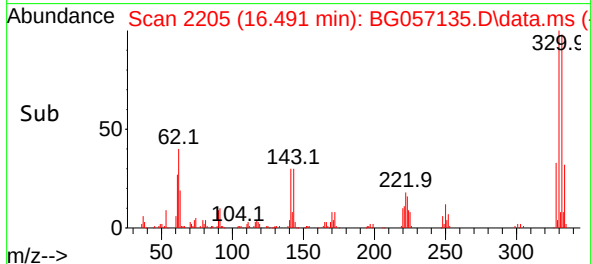
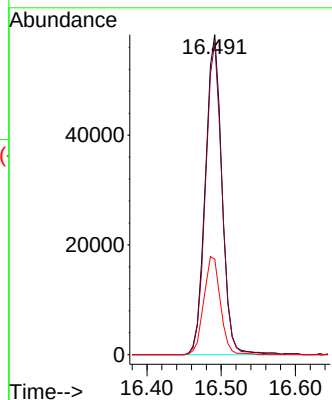
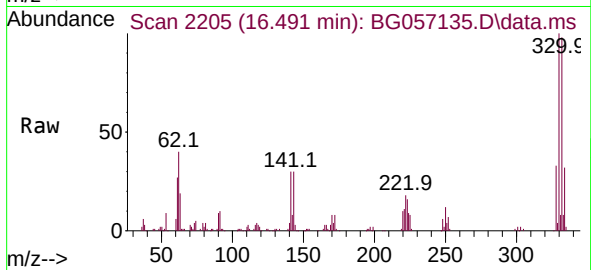




#42
 2,4,6-Tribromophenol
 Concen: 134.223 ng
 RT: 16.491 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG057135.D
 Acq: 18 Apr 2023 22:31

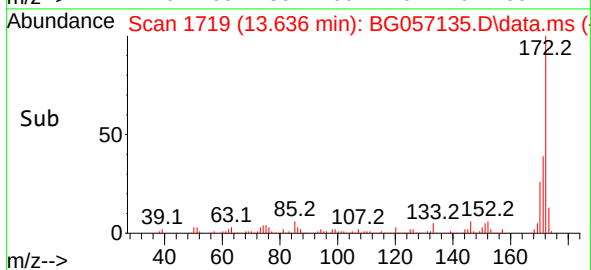
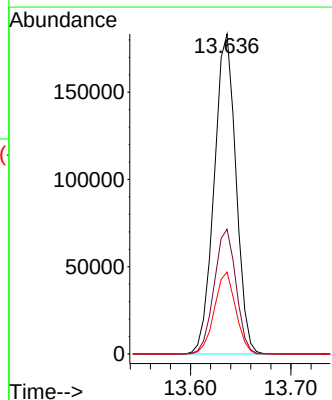
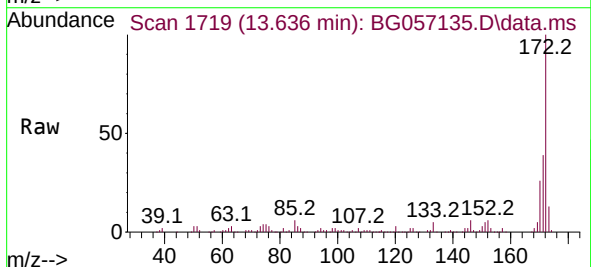
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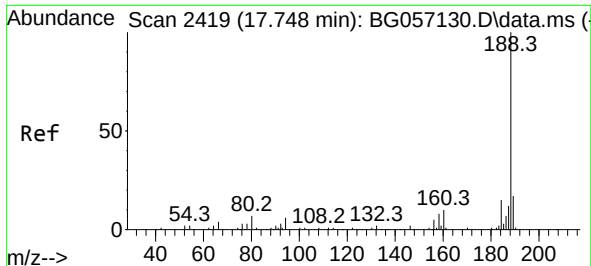
Tgt Ion:330 Resp: 90550
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.6 115.0
 141 30.8 24.2 36.4



#45
 2-Fluorobiphenyl
 Concen: 91.532 ng
 RT: 13.636 min Scan# 1719
 Delta R.T. 0.000 min
 Lab File: BG057135.D
 Acq: 18 Apr 2023 22:31

Tgt Ion:172 Resp: 276268
 Ion Ratio Lower Upper
 172 100
 171 39.0 29.9 44.9
 170 25.6 20.1 30.1

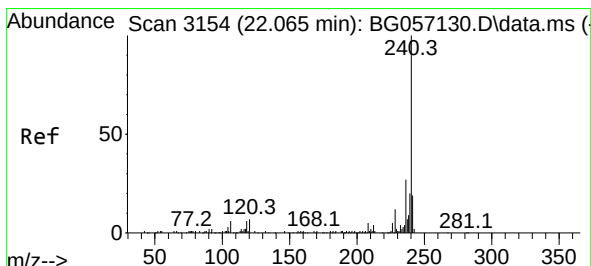
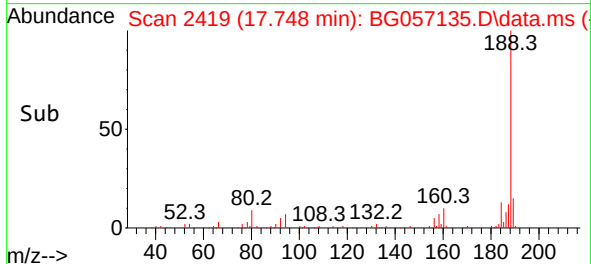
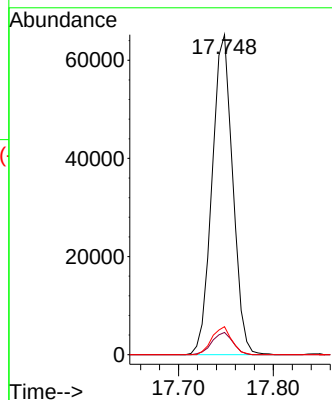
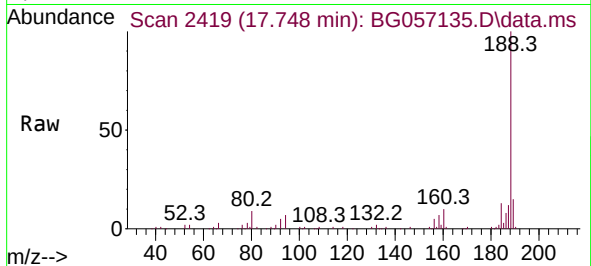




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.748 min Scan# 2419
Delta R.T. 0.001 min
Lab File: BG057135.D
Acq: 18 Apr 2023 22:31

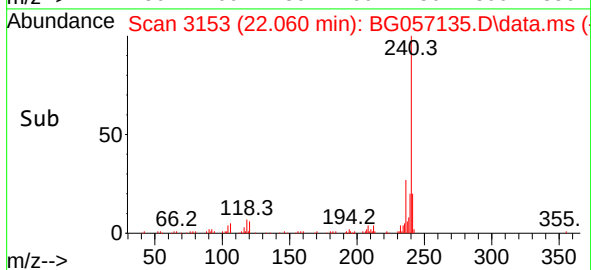
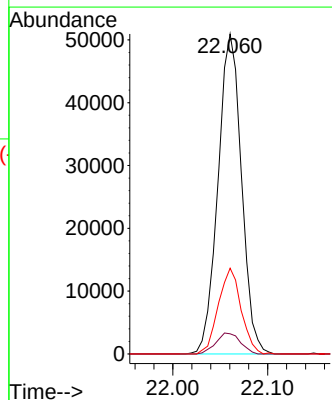
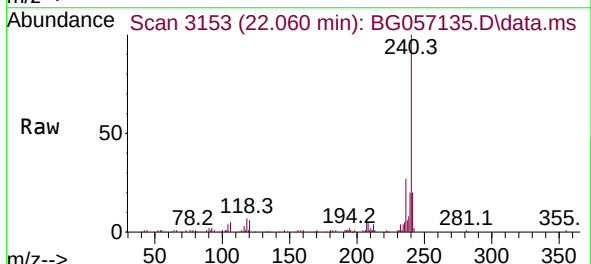
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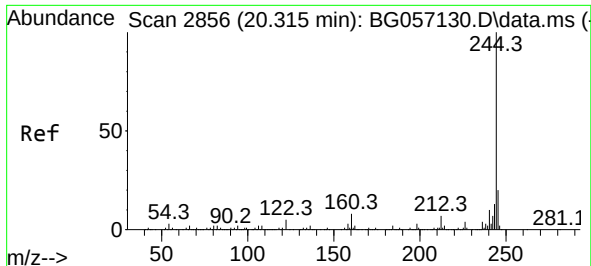
Tgt Ion:188 Resp: 98584
Ion Ratio Lower Upper
188 100
94 7.0 4.4 6.6#
80 8.7 5.8 8.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.060 min Scan# 3153
Delta R.T. -0.005 min
Lab File: BG057135.D
Acq: 18 Apr 2023 22:31

Tgt Ion:240 Resp: 87748
Ion Ratio Lower Upper
240 100
120 6.3 5.4 8.0
236 26.8 21.3 31.9

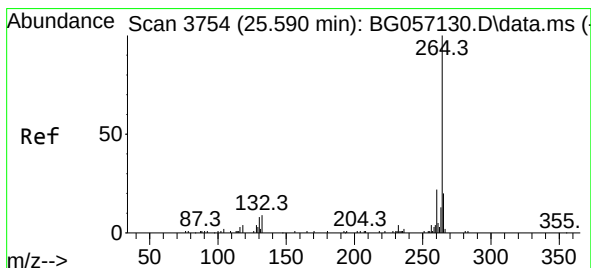
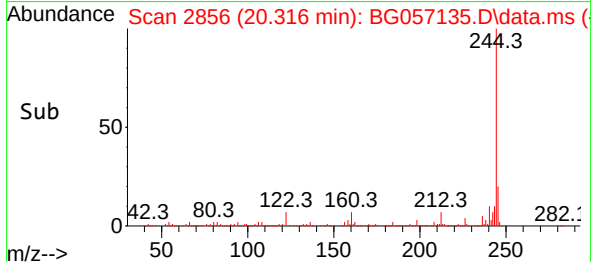
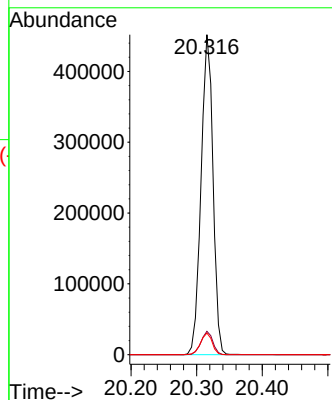
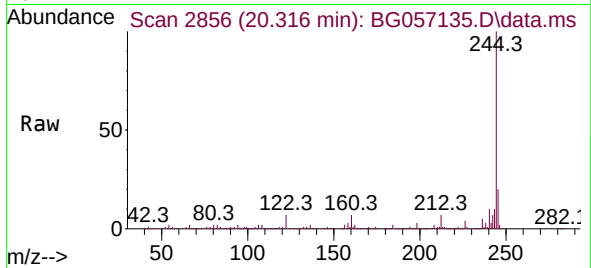




#79
 Terphenyl-d14
 Concen: 98.609 ng
 RT: 20.316 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG057135.D
 Acq: 18 Apr 2023 22:31

Instrument :
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 ClientSampleId :
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Tgt Ion:244 Resp: 571944
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 6.8 4.3 6.5#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.591 min Scan# 3754
 Delta R.T. 0.001 min
 Lab File: BG057135.D
 Acq: 18 Apr 2023 22:31

Tgt Ion:264 Resp: 93999
 Ion Ratio Lower Upper
 264 100
 260 23.2 17.9 26.9
 265 23.3 16.5 24.7

