

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042723\
 Data File : BG057207.D
 Acq On : 28 Apr 2023 00:17
 Operator : CG/JU
 Sample : PB152441BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB152441BL

Quant Time: Apr 28 04:58:47 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 28 04:39:54 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.382	152	15399	20.000	ng	0.00
21) Naphthalene-d8	11.219	136	60033	20.000	ng	0.00
39) Acenaphthene-d10	14.991	164	47013	20.000	ng	0.00
64) Phenanthrene-d10	17.728	188	129630	20.000	ng	0.00
76) Chrysene-d12	22.040	240	123337	20.000	ng	0.00
86) Perylene-d12	25.547	264	125864	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.897	112	136868	152.041	ng	0.00
7) Phenol-d6	7.518	99	196118	143.466	ng	0.00
23) Nitrobenzene-d5	9.557	82	130124	90.973	ng	0.00
42) 2,4,6-Tribromophenol	16.471	330	101203	151.714	ng	0.00
45) 2-Fluorobiphenyl	13.616	172	324116	92.851	ng	0.00
79) Terphenyl-d14	20.301	244	741086	98.056	ng	0.00

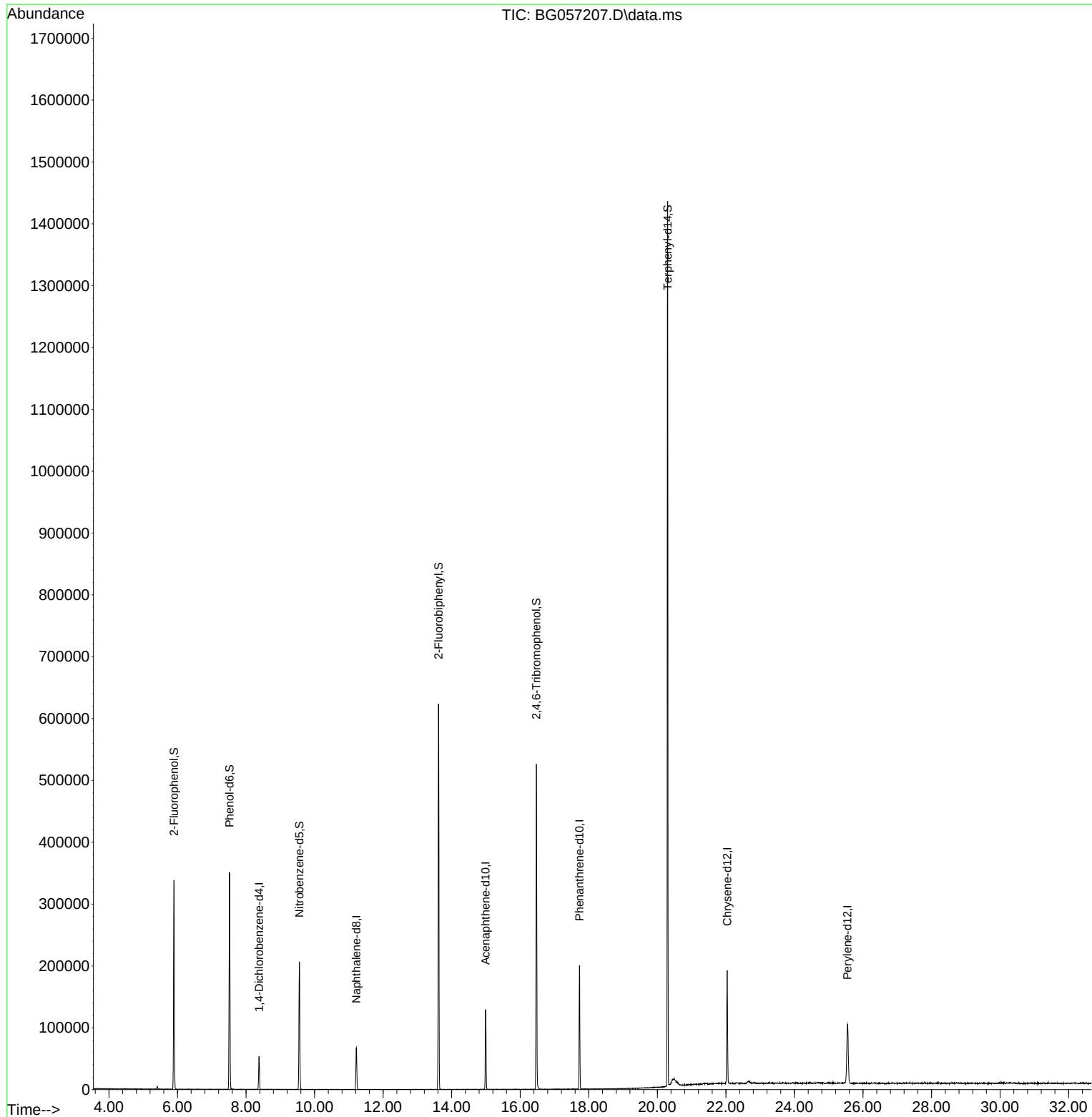
Target Compounds	Qvalue

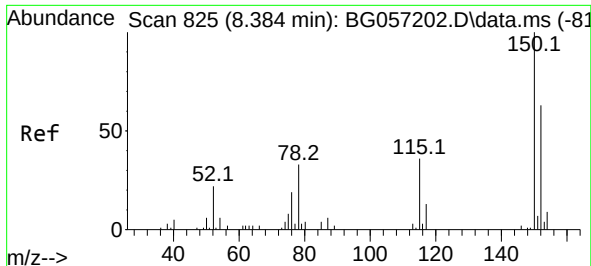
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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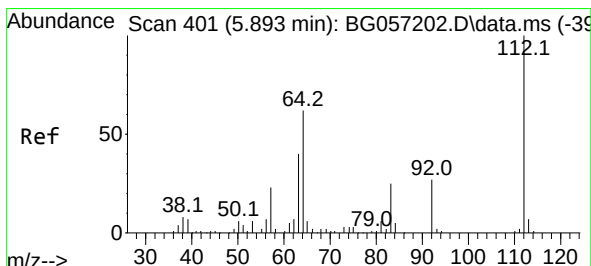
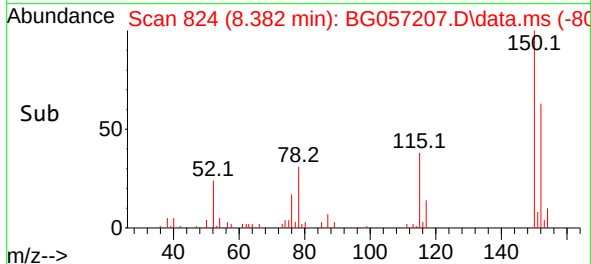
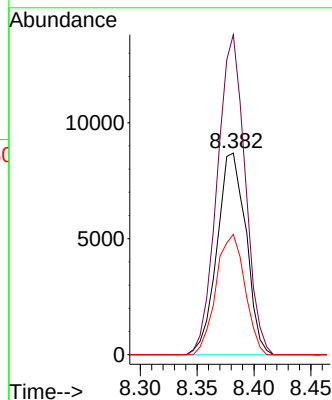
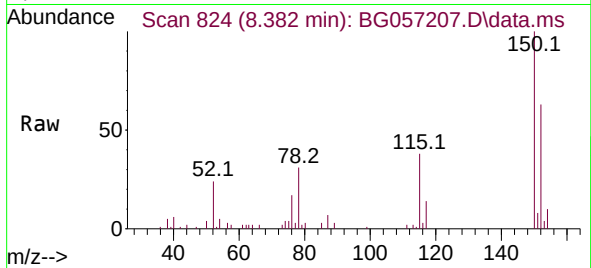




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.382 min Scan# 81
Delta R.T. -0.002 min
Lab File: BG057207.D
Acq: 28 Apr 2023 00:17

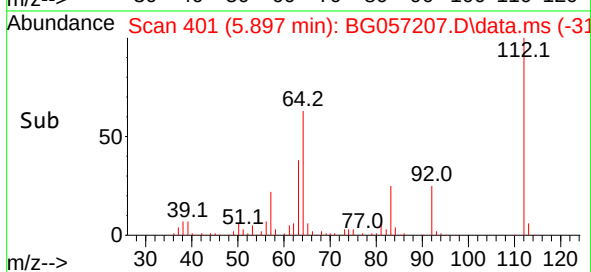
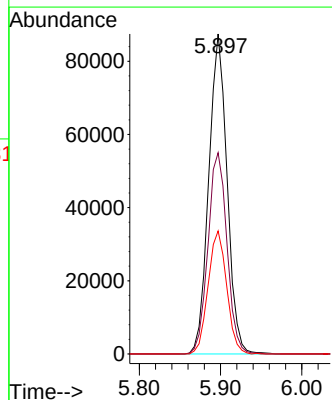
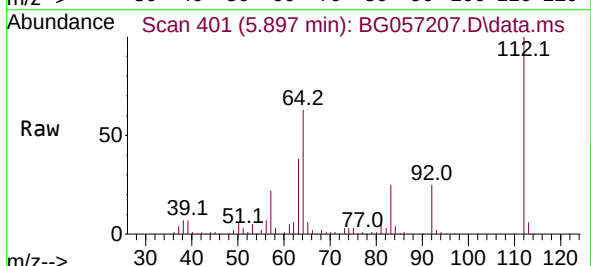
Instrument :
BNA_G
ClientSampleId :
PB152441BL

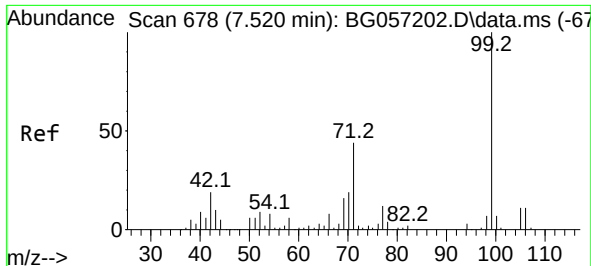
Tgt Ion:152 Resp: 15399
Ion Ratio Lower Upper
152 100
150 158.7 126.2 189.4
115 59.7 45.0 67.4



#5
2-Fluorophenol
Concen: 152.041 ng
RT: 5.897 min Scan# 401
Delta R.T. 0.004 min
Lab File: BG057207.D
Acq: 28 Apr 2023 00:17

Tgt Ion:112 Resp: 136868
Ion Ratio Lower Upper
112 100
64 62.9 49.4 74.2
63 38.5 31.6 47.4

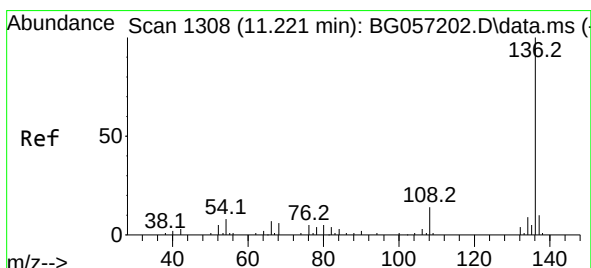
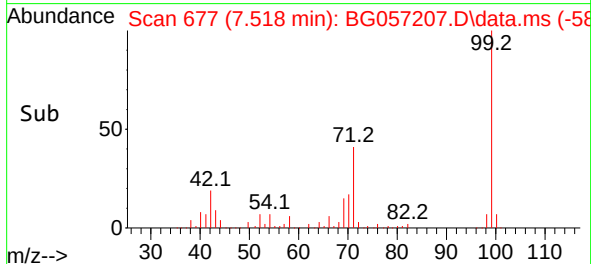
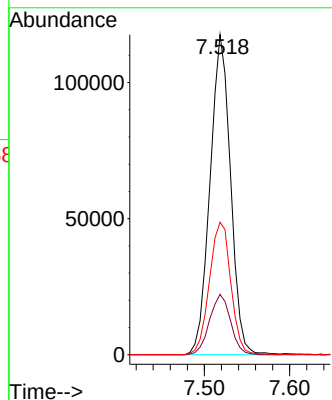
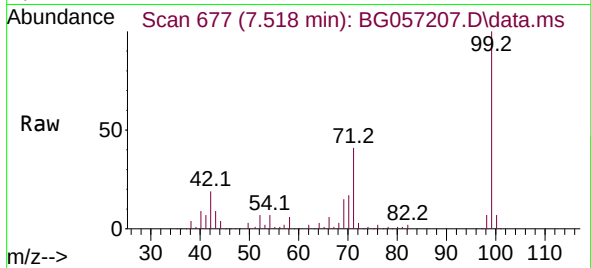




#7
Phenol-d6
Concen: 143.466 ng
RT: 7.518 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG057207.D
Acq: 28 Apr 2023 00:17

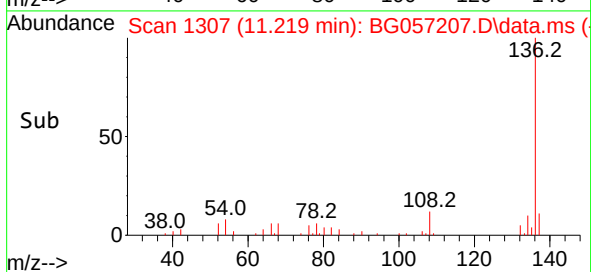
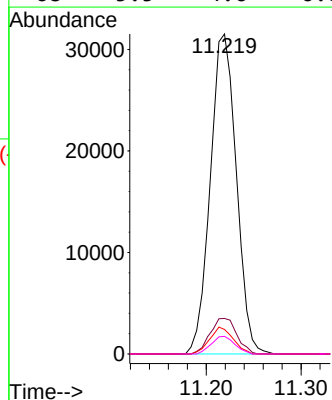
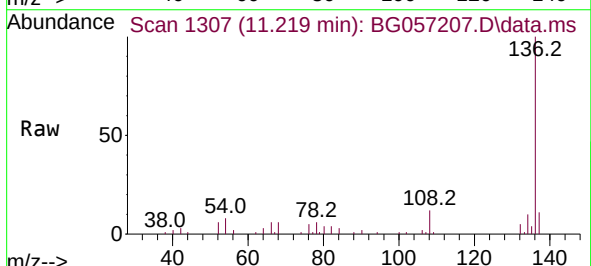
Instrument :
BNA_G
ClientSampleId :
PB152441BL

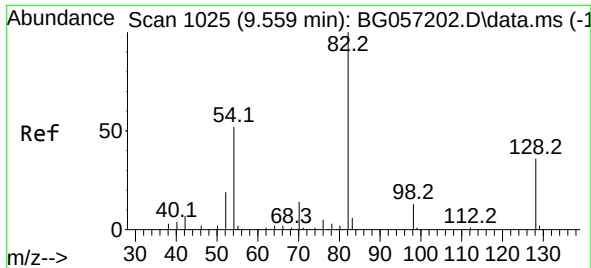
Tgt Ion: 99 Resp: 196118
Ion Ratio Lower Upper
99 100
42 18.9 15.1 22.7
71 41.4 35.2 52.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.219 min Scan# 1307
Delta R.T. -0.002 min
Lab File: BG057207.D
Acq: 28 Apr 2023 00:17

Tgt Ion: 136 Resp: 60033
Ion Ratio Lower Upper
136 100
137 11.1 8.3 12.5
54 7.7 6.7 10.1
68 5.5 4.6 6.8





#23

Nitrobenzene-d5

Concen: 90.973 ng

RT: 9.557 min Scan# 1024

Delta R.T. -0.002 min

Lab File: BG057207.D

Acq: 28 Apr 2023 00:17

Instrument :

BNA_G

ClientSampleId :

PB152441BL

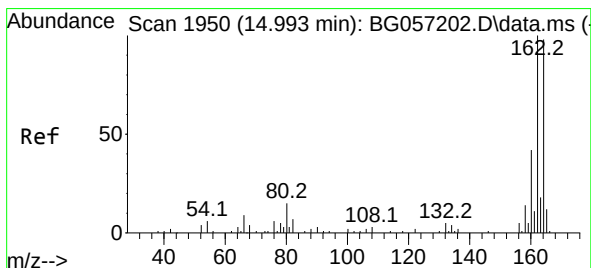
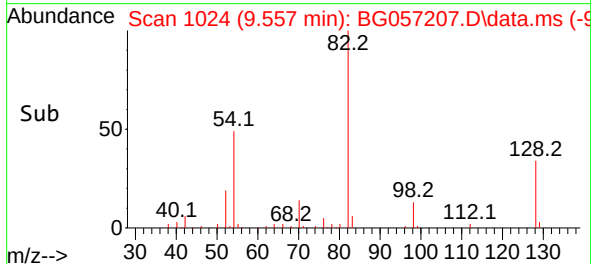
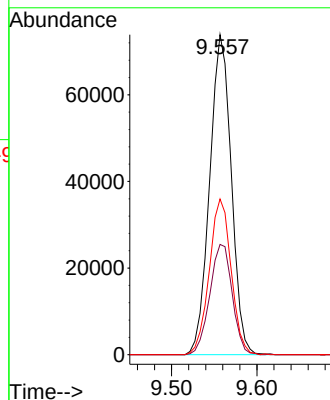
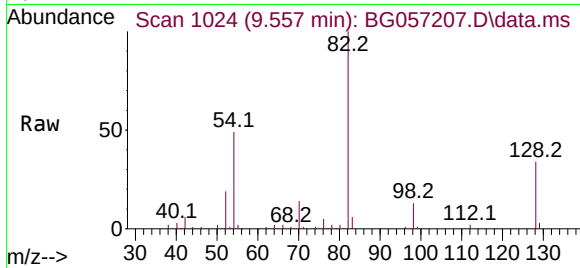
Tgt Ion: 82 Resp: 130124

Ion Ratio Lower Upper

82 100

128 34.4 29.0 43.4

54 48.7 41.4 62.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.991 min Scan# 1949

Delta R.T. -0.002 min

Lab File: BG057207.D

Acq: 28 Apr 2023 00:17

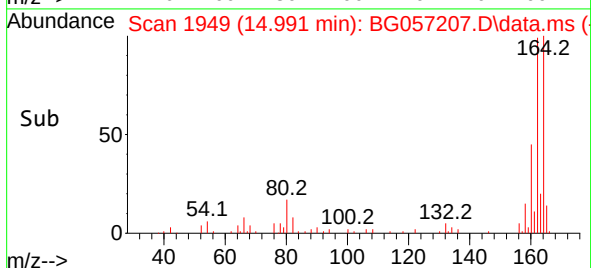
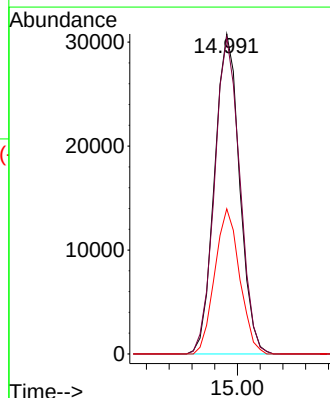
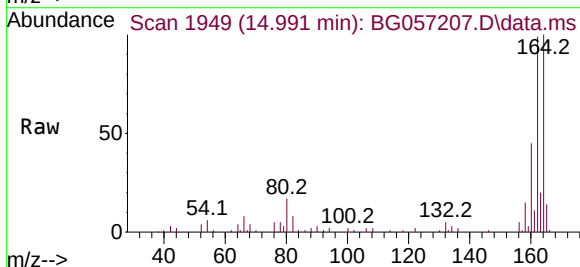
Tgt Ion:164 Resp: 47013

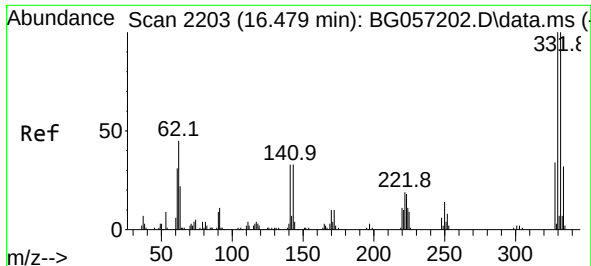
Ion Ratio Lower Upper

164 100

162 98.9 81.8 122.6

160 45.4 34.6 52.0

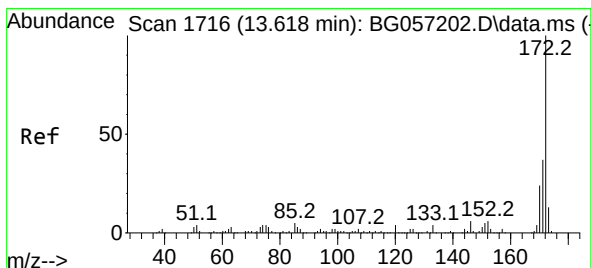
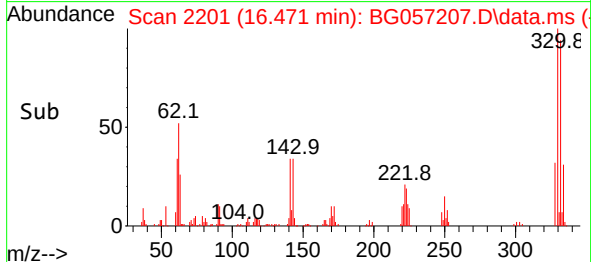
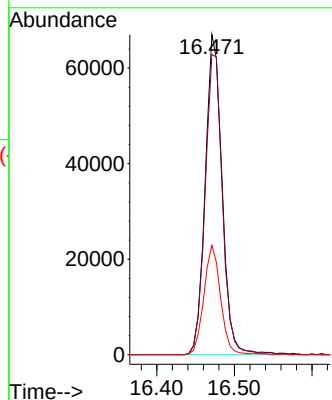
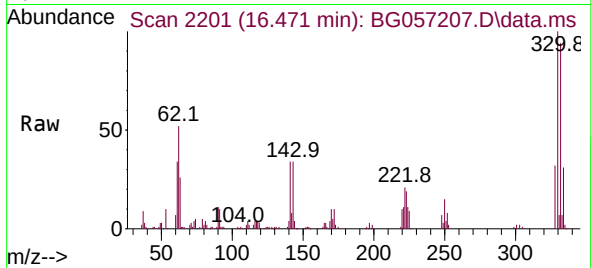




#42
2,4,6-Tribromophenol
Concen: 151.714 ng
RT: 16.471 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG057207.D
Acq: 28 Apr 2023 00:17

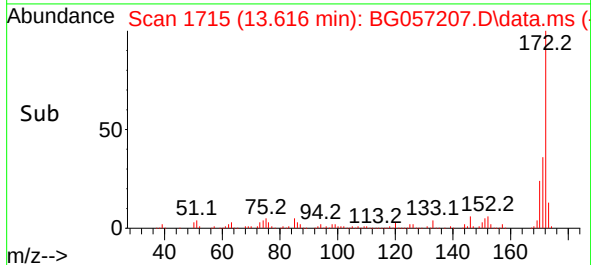
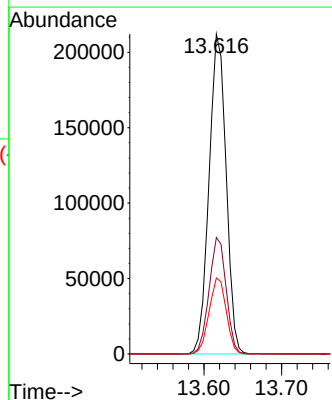
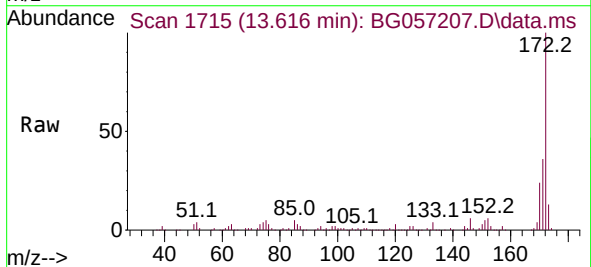
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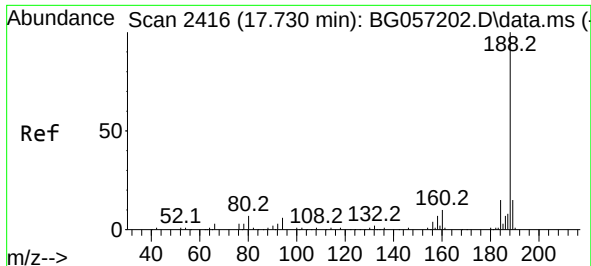
Tgt Ion:330 Resp: 101203
Ion Ratio Lower Upper
330 100
332 96.0 78.2 117.2
141 33.8 27.8 41.8



#45
2-Fluorobiphenyl
Concen: 92.851 ng
RT: 13.616 min Scan# 1715
Delta R.T. -0.002 min
Lab File: BG057207.D
Acq: 28 Apr 2023 00:17

Tgt Ion:172 Resp: 324116
Ion Ratio Lower Upper
172 100
171 36.4 29.4 44.0
170 23.7 19.0 28.6

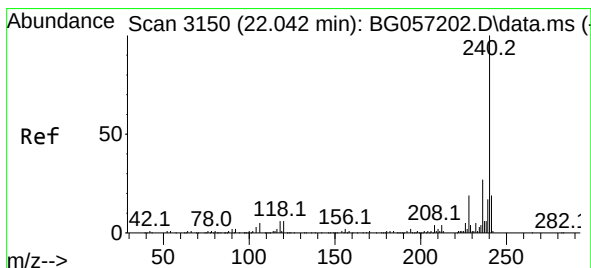
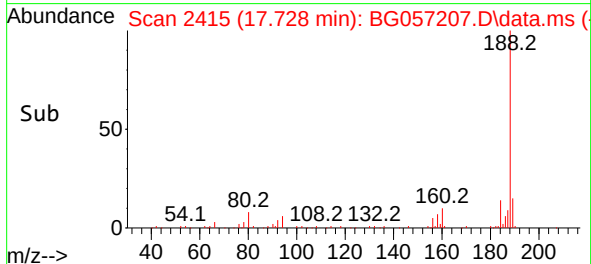
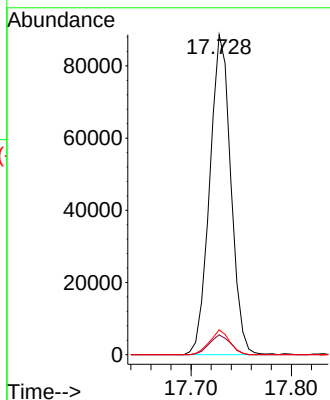
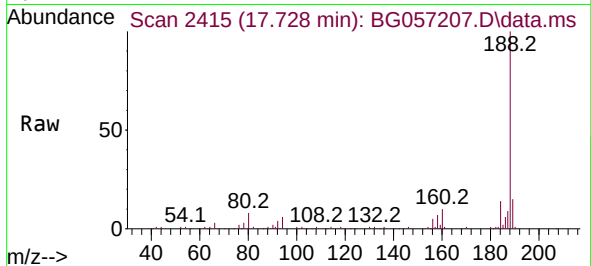




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.728 min Scan# 2415
Delta R.T. -0.002 min
Lab File: BG057207.D
Acq: 28 Apr 2023 00:17

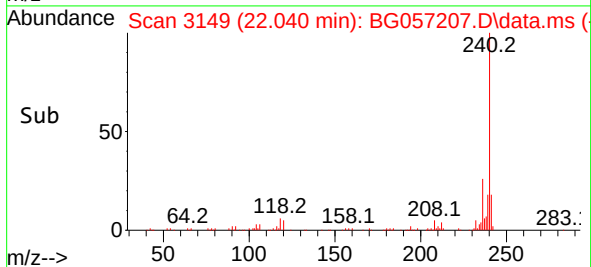
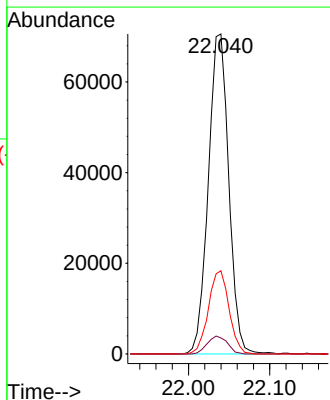
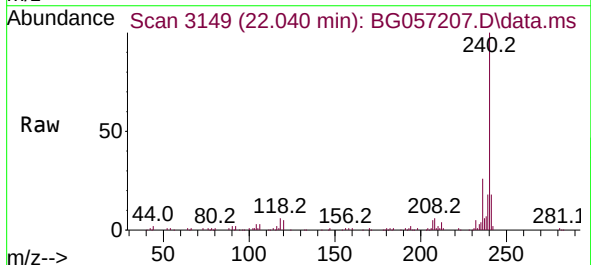
Instrument :
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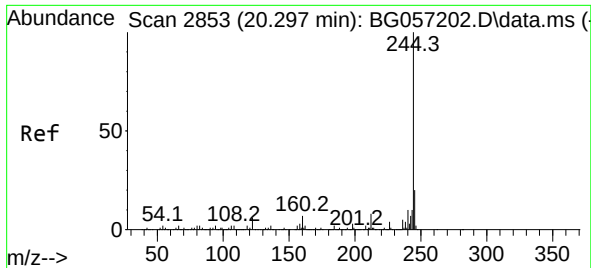
Tgt Ion:188 Resp: 129630
Ion Ratio Lower Upper
188 100
94 6.2 5.1 7.7
80 7.7 5.7 8.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.040 min Scan# 3149
Delta R.T. -0.002 min
Lab File: BG057207.D
Acq: 28 Apr 2023 00:17

Tgt Ion:240 Resp: 123337
Ion Ratio Lower Upper
240 100
120 5.0 4.9 7.3
236 26.0 21.4 32.2

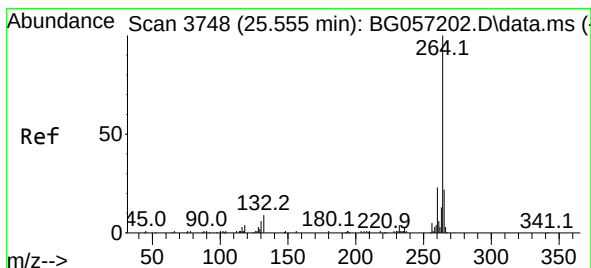
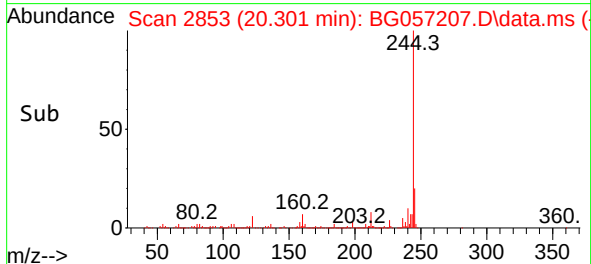
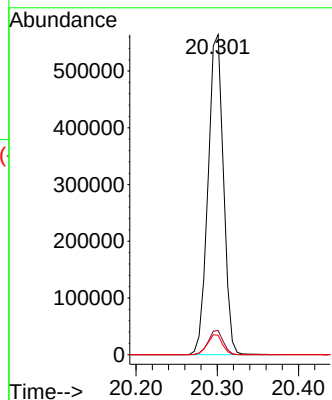
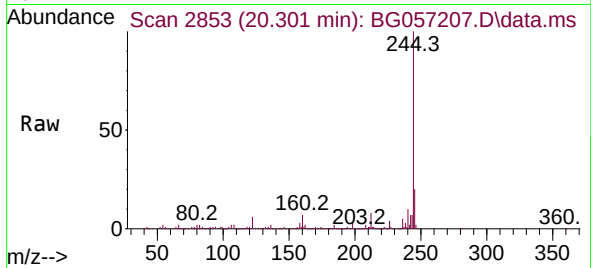




#79
 Terphenyl-d14
 Concen: 98.056 ng
 RT: 20.301 min Scan# 21
 Delta R.T. 0.004 min
 Lab File: BG057207.D
 Acq: 28 Apr 2023 00:17

Instrument :
 BNA_G
 ClientSampleId :
 PB152441BL

Tgt Ion:244 Resp: 741086
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.1 9.1
 122 6.0 5.1 7.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.547 min Scan# 3746
 Delta R.T. -0.008 min
 Lab File: BG057207.D
 Acq: 28 Apr 2023 00:17

Tgt Ion:264 Resp: 125864
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.8 28.2
 265 21.8 17.9 26.9

