

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051223\
 Data File : BG057415.D
 Acq On : 12 May 2023 18:57
 Operator : CG/JU
 Sample : 02747-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-03-10-12-20230510

Quant Time: May 12 22:12:32 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 12 22:04:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.362	152	14252	20.000	ng	0.00
21) Naphthalene-d8	11.200	136	60112	20.000	ng	# 0.00
39) Acenaphthene-d10	14.977	164	47258	20.000	ng	0.00
64) Phenanthrene-d10	17.720	188	125810	20.000	ng	0.00
76) Chrysene-d12	22.026	240	114265	20.000	ng	0.00
86) Perylene-d12	25.533	264	121925	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.878	112	95834	115.026	ng	0.00
7) Phenol-d6	7.505	99	145962	115.369	ng	0.00
23) Nitrobenzene-d5	9.543	82	93389	65.205	ng	0.00
42) 2,4,6-Tribromophenol	16.463	330	82693	123.323	ng	0.00
45) 2-Fluorobiphenyl	13.602	172	249451	71.091	ng	0.00
79) Terphenyl-d14	20.287	244	503734	71.943	ng	0.00

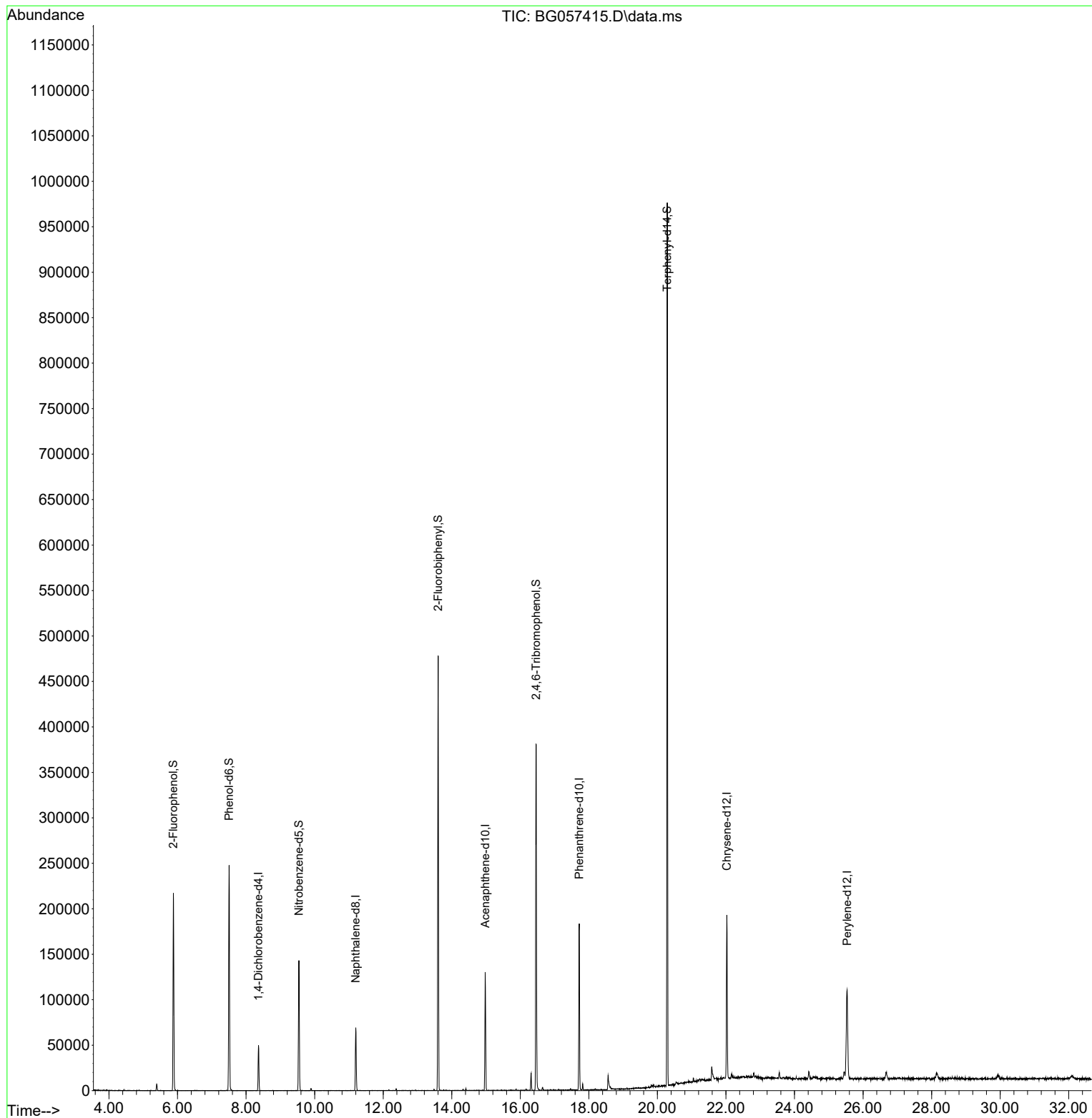
Target Compounds	Qvalue

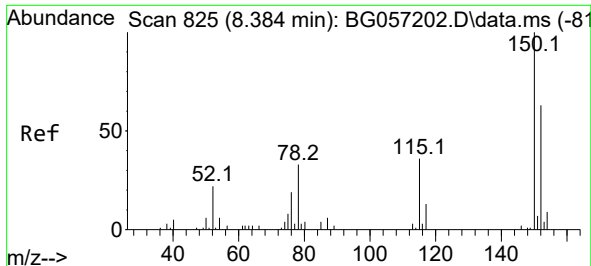
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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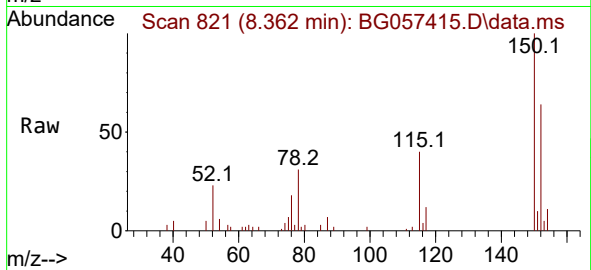
Quant Time: May 12 22:12:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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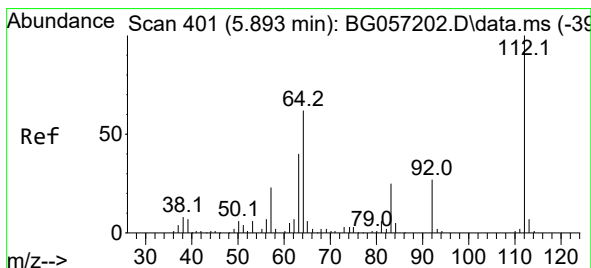
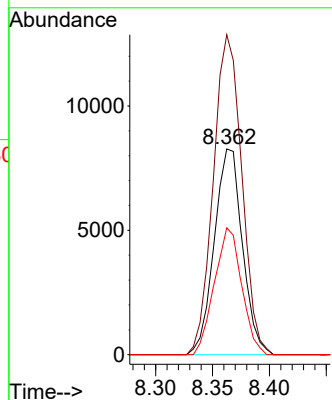
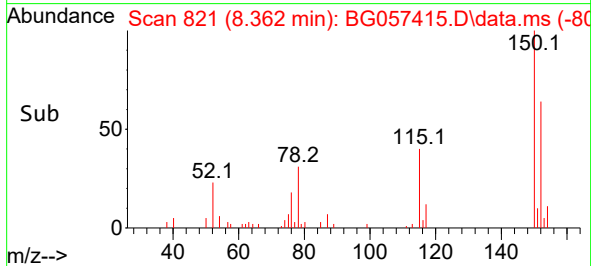


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.362 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG057415.D
Acq: 12 May 2023 18:57

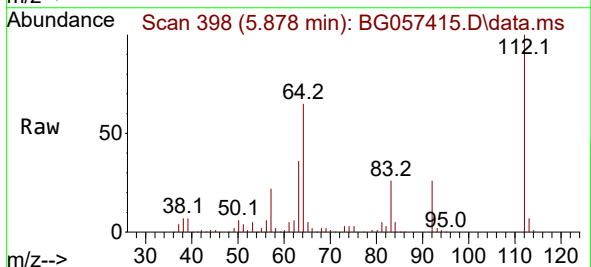
Instrument :
BNA_G
ClientSampleId :
SB-03-10-12-20230510



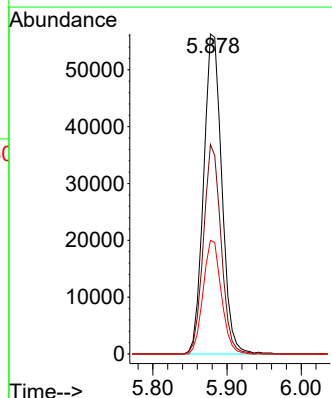
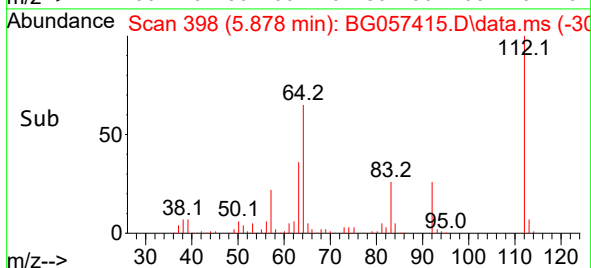
Tgt Ion:152 Resp: 14252
Ion Ratio Lower Upper
152 100
150 155.5 126.2 189.4
115 61.7 45.0 67.4

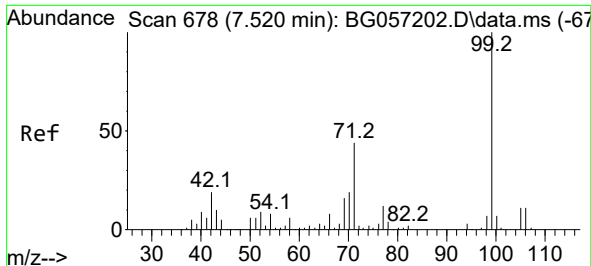


#5
2-Fluorophenol
Concen: 115.026 ng
RT: 5.878 min Scan# 398
Delta R.T. -0.001 min
Lab File: BG057415.D
Acq: 12 May 2023 18:57



Tgt Ion:112 Resp: 95834
Ion Ratio Lower Upper
112 100
64 65.4 49.4 74.2
63 35.5 31.6 47.4

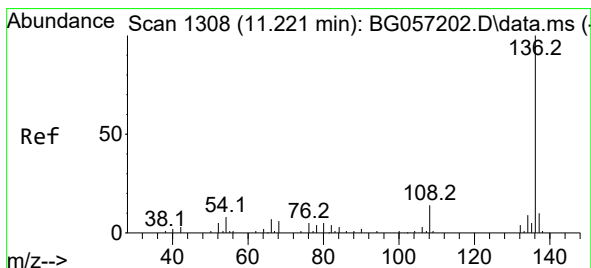
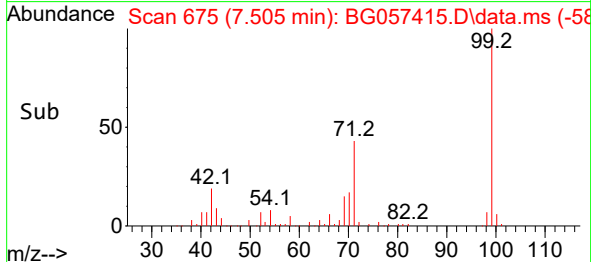
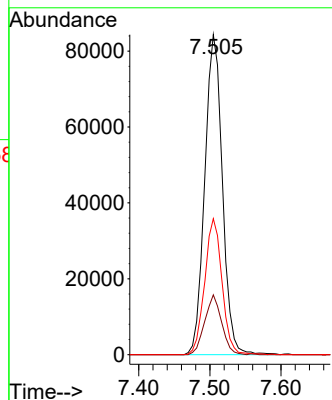
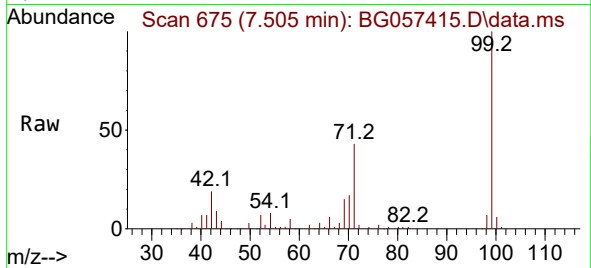




#7
Phenol-d6
Concen: 115.369 ng
RT: 7.505 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG057415.D
Acq: 12 May 2023 18:57

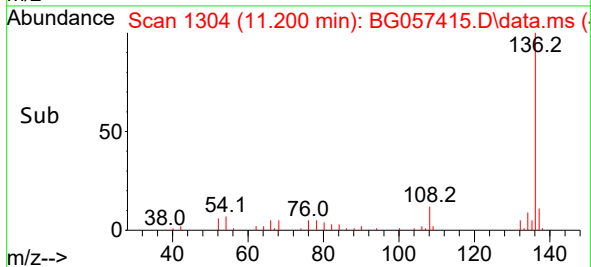
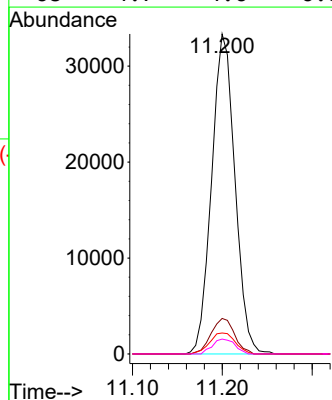
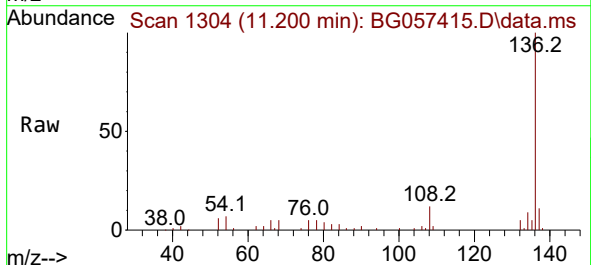
Instrument :
BNA_G
ClientSampleId :
SB-03-10-12-20230510

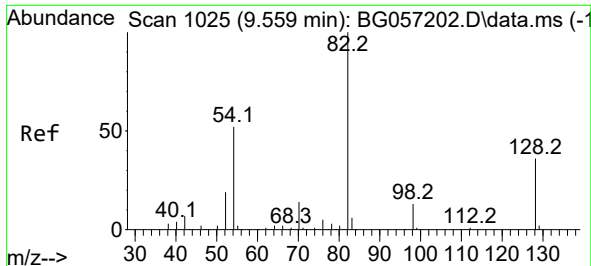
Tgt Ion: 99 Resp: 145962
Ion Ratio Lower Upper
99 100
42 18.7 15.1 22.7
71 42.5 35.2 52.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.200 min Scan# 1304
Delta R.T. -0.001 min
Lab File: BG057415.D
Acq: 12 May 2023 18:57

Tgt Ion: 136 Resp: 60112
Ion Ratio Lower Upper
136 100
137 11.1 8.3 12.5
54 6.6 6.7 10.1#
68 4.7 4.6 6.8





#23

Nitrobenzene-d5

Concen: 65.205 ng

RT: 9.543 min Scan# 1022

Delta R.T. -0.001 min

Lab File: BG057415.D

Acq: 12 May 2023 18:57

Instrument :

BNA_G

ClientSampleId :

SB-03-10-12-20230510

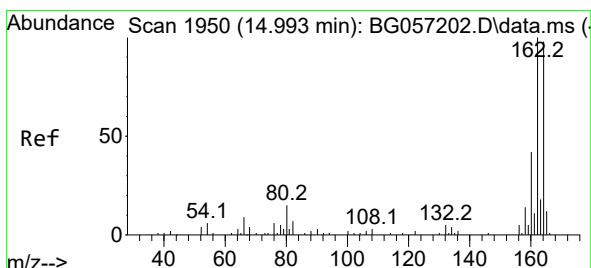
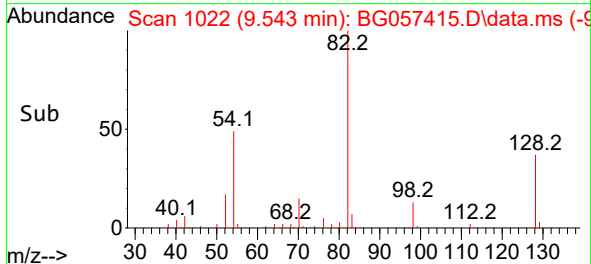
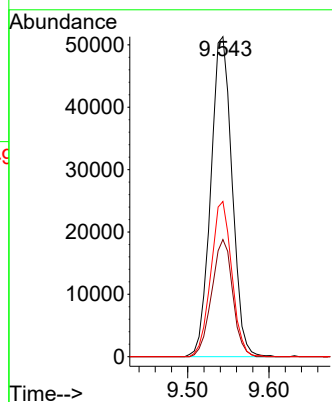
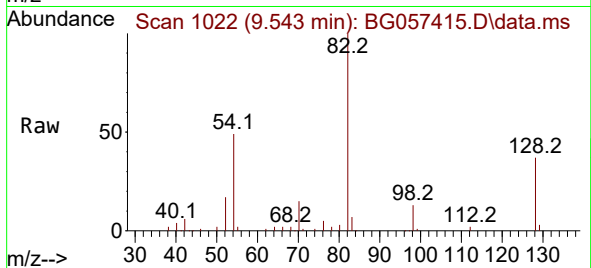
Tgt Ion: 82 Resp: 93389

Ion Ratio Lower Upper

82 100

128 36.6 29.0 43.4

54 48.5 41.4 62.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.977 min Scan# 1947

Delta R.T. -0.001 min

Lab File: BG057415.D

Acq: 12 May 2023 18:57

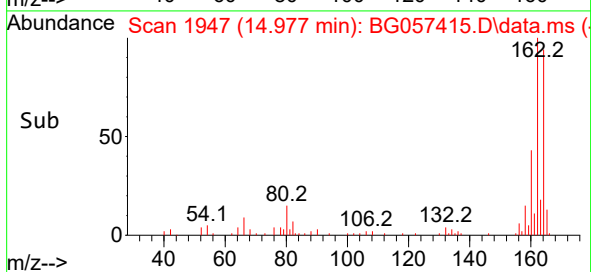
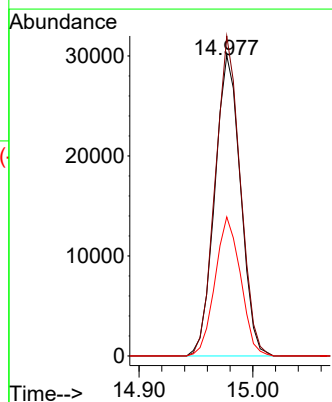
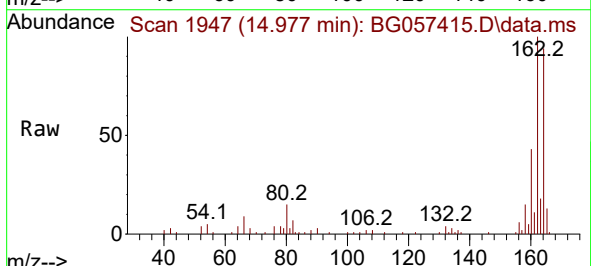
Tgt Ion:164 Resp: 47258

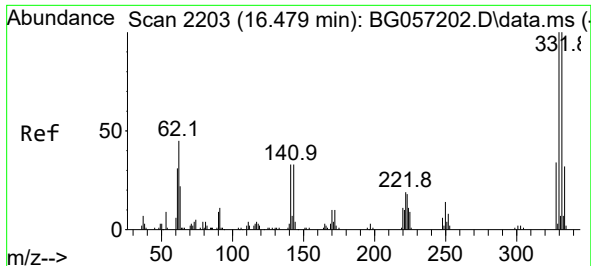
Ion Ratio Lower Upper

164 100

162 106.5 81.8 122.6

160 46.3 34.6 52.0

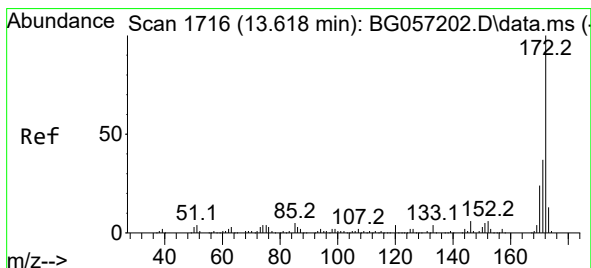
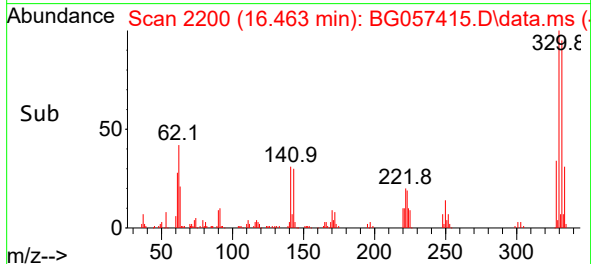
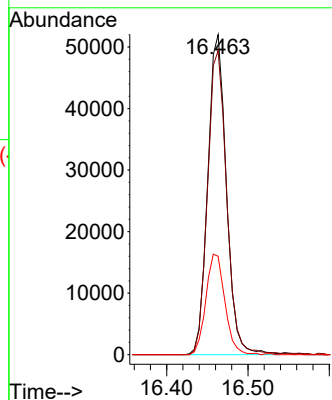
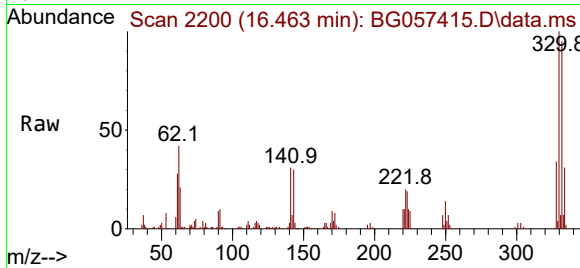




#42
2,4,6-Tribromophenol
Concen: 123.323 ng
RT: 16.463 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG057415.D
Acq: 12 May 2023 18:57

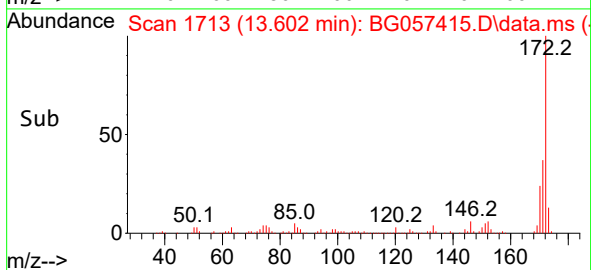
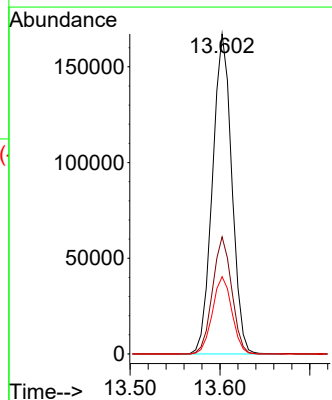
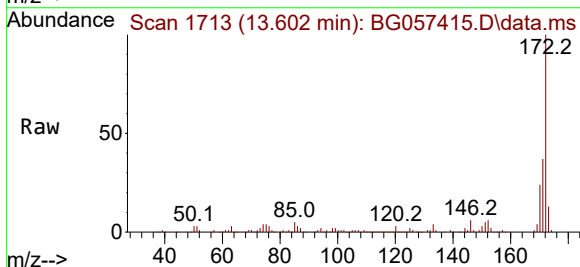
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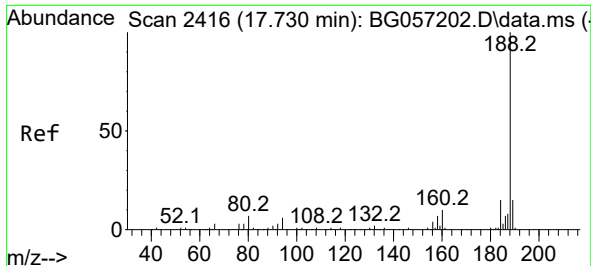
Tgt Ion:330 Resp: 82693
Ion Ratio Lower Upper
330 100
332 97.2 78.2 117.2
141 32.0 27.8 41.8



#45
2-Fluorobiphenyl
Concen: 71.091 ng
RT: 13.602 min Scan# 1713
Delta R.T. -0.001 min
Lab File: BG057415.D
Acq: 12 May 2023 18:57

Tgt Ion:172 Resp: 249451
Ion Ratio Lower Upper
172 100
171 36.6 29.4 44.0
170 24.2 19.0 28.6

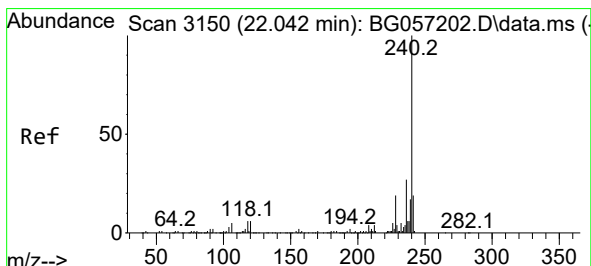
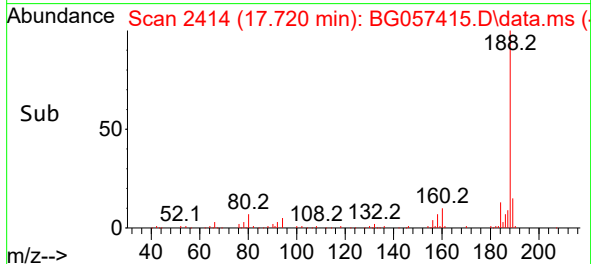
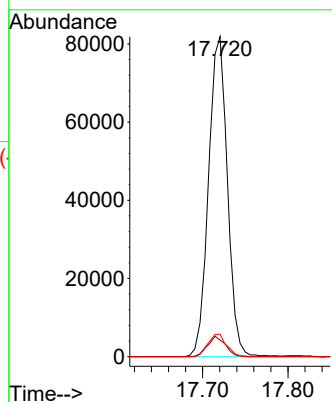
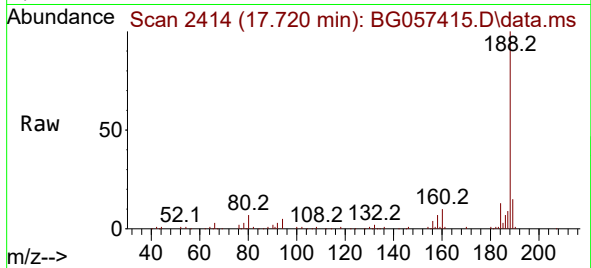




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.720 min Scan# 2416
Delta R.T. -0.001 min
Lab File: BG057415.D
Acq: 12 May 2023 18:57

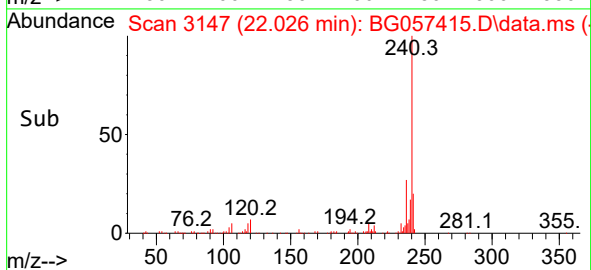
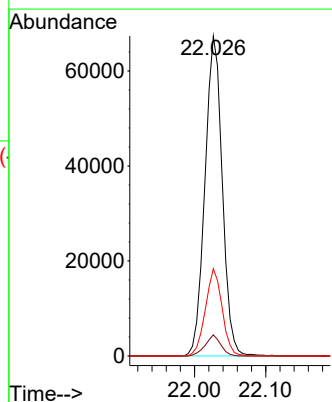
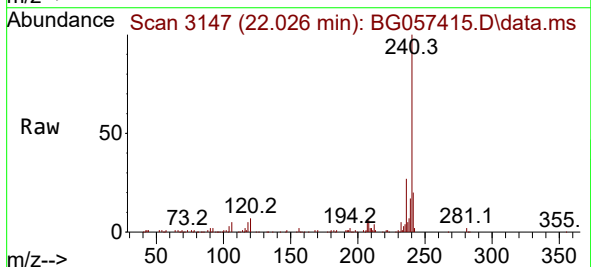
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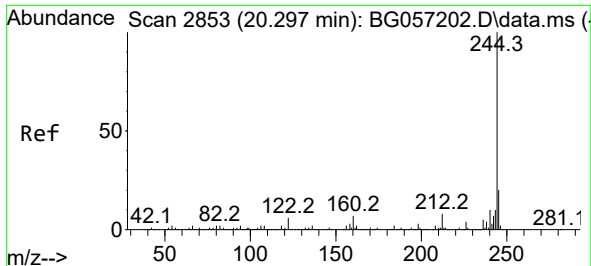
Tgt Ion:188 Resp: 125810
Ion Ratio Lower Upper
188 100
94 5.2 5.1 7.7
80 7.1 5.7 8.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.026 min Scan# 3147
Delta R.T. -0.007 min
Lab File: BG057415.D
Acq: 12 May 2023 18:57

Tgt Ion:240 Resp: 114265
Ion Ratio Lower Upper
240 100
120 6.6 4.9 7.3
236 27.3 21.4 32.2

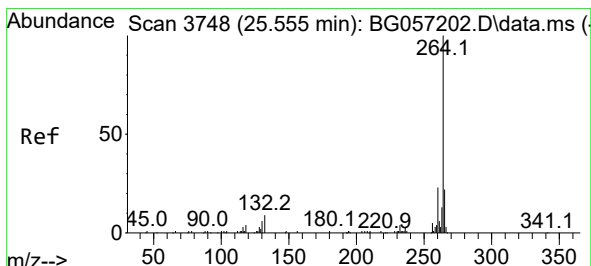
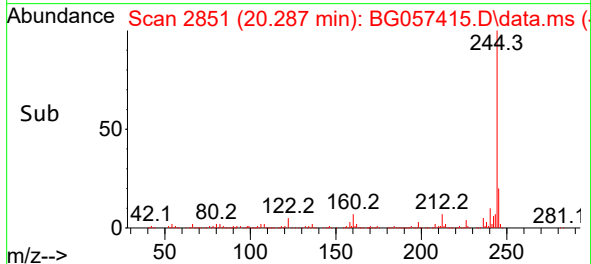
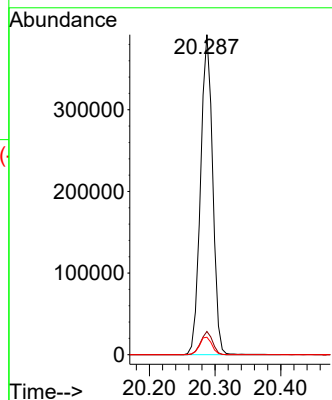
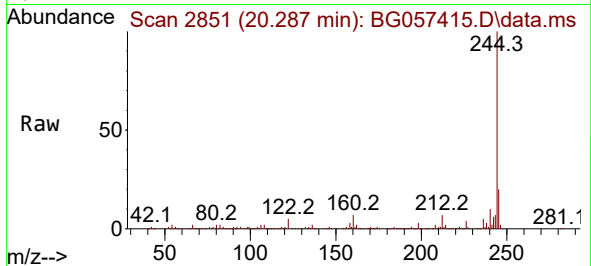




#79
 Terphenyl-d14
 Concen: 71.943 ng
 RT: 20.287 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG057415.D
 Acq: 12 May 2023 18:57

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Tgt Ion:244 Resp: 503734
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.1 9.1
 122 5.5 5.1 7.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.533 min Scan# 3744
 Delta R.T. -0.001 min
 Lab File: BG057415.D
 Acq: 12 May 2023 18:57

Tgt Ion:264 Resp: 121925
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.8 28.2
 265 21.1 17.9 26.9

