

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052223\
 Data File : BG057503.D
 Acq On : 22 May 2023 21:25
 Operator : CG/JU
 Sample : 02840-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-2

Quant Time: May 23 04:07:57 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 20 04:19:55 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.355	152	20366	20.000	ng	0.00
21) Naphthalene-d8	11.192	136	80068	20.000	ng	0.00
39) Acenaphthene-d10	14.969	164	59724	20.000	ng	0.00
64) Phenanthrene-d10	17.707	188	144196	20.000	ng	0.00
76) Chrysene-d12	22.013	240	134351	20.000	ng	0.00
86) Perylene-d12	25.508	264	141822	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.876	112	104494	87.768	ng	0.00
7) Phenol-d6	7.497	99	155987	86.280	ng	0.00
23) Nitrobenzene-d5	9.530	82	98027	51.385	ng	0.00
42) 2,4,6-Tribromophenol	16.450	330	78016	92.063	ng	0.00
45) 2-Fluorobiphenyl	13.595	172	252195	56.871	ng	0.00
79) Terphenyl-d14	20.274	244	480678	58.386	ng	0.00

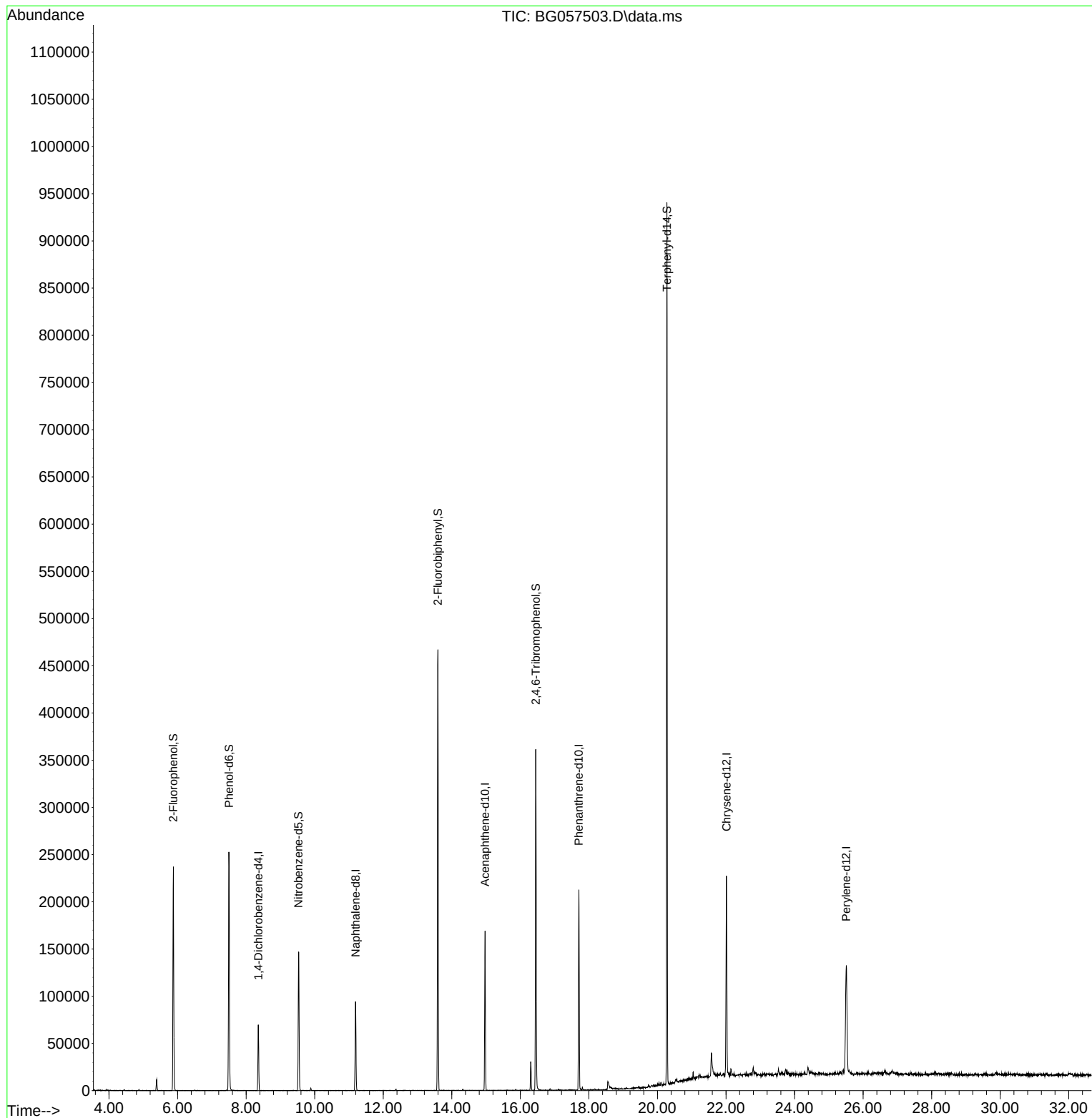
Target Compounds	Qvalue

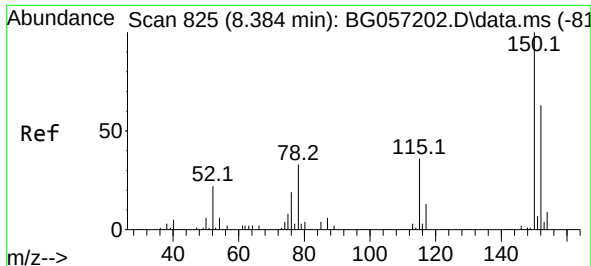
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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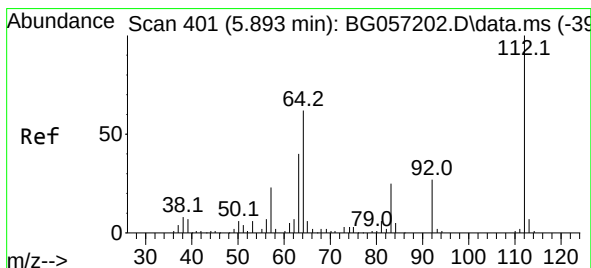
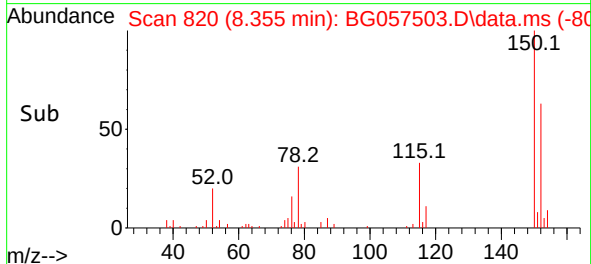
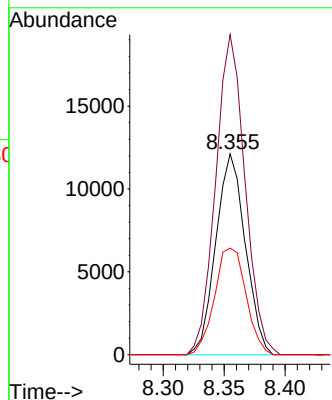
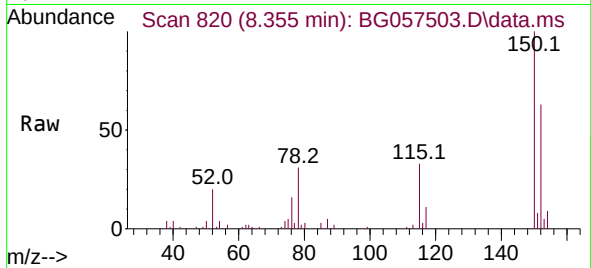




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.355 min Scan# 81
Delta R.T. -0.007 min
Lab File: BG057503.D
Acq: 22 May 2023 21:25

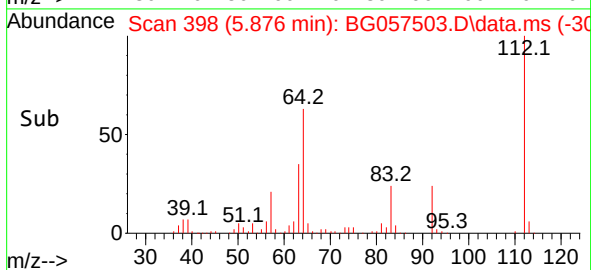
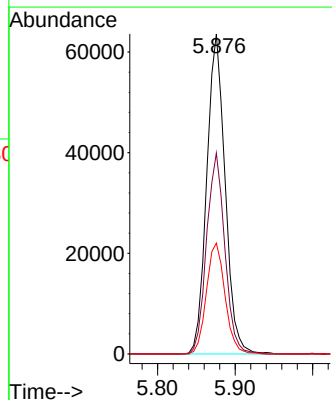
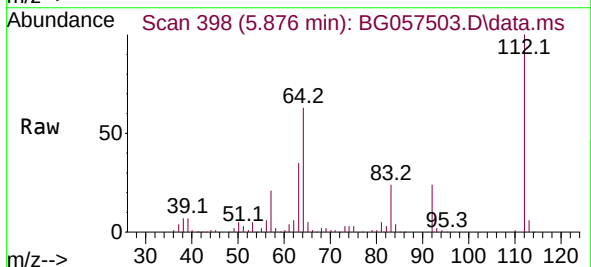
Instrument :
BNA_G
ClientSampleId :
TP-2

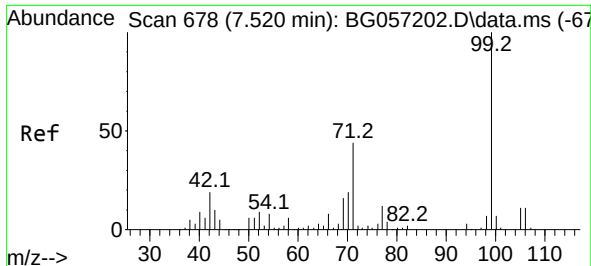
Tgt Ion:152 Resp: 20366
Ion Ratio Lower Upper
152 100
150 159.4 126.2 189.4
115 53.1 45.0 67.4



#5
2-Fluorophenol
Concen: 87.768 ng
RT: 5.876 min Scan# 398
Delta R.T. 0.005 min
Lab File: BG057503.D
Acq: 22 May 2023 21:25

Tgt Ion:112 Resp: 104494
Ion Ratio Lower Upper
112 100
64 62.8 49.4 74.2
63 34.7 31.6 47.4

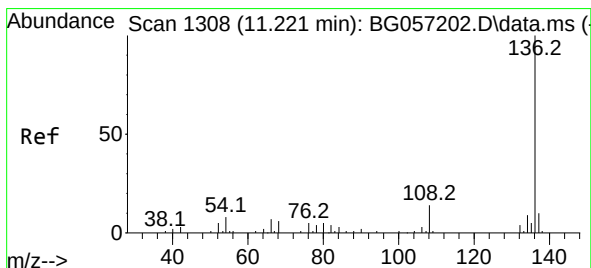
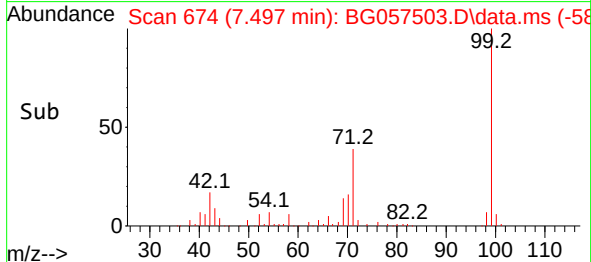
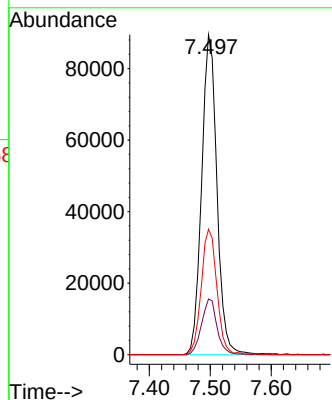
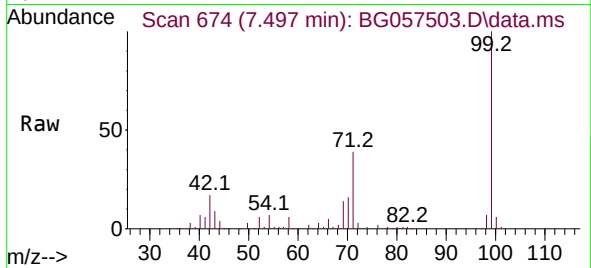




#7
Phenol-d6
Concen: 86.280 ng
RT: 7.497 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG057503.D
Acq: 22 May 2023 21:25

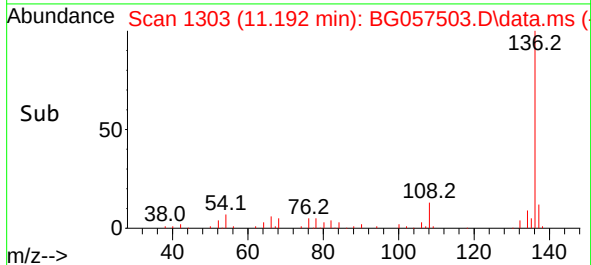
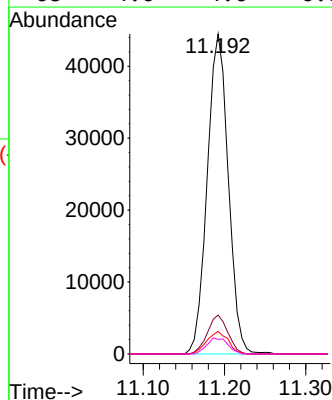
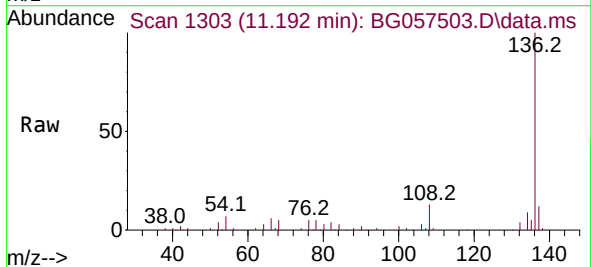
Instrument :
BNA_G
ClientSampleId :
TP-2

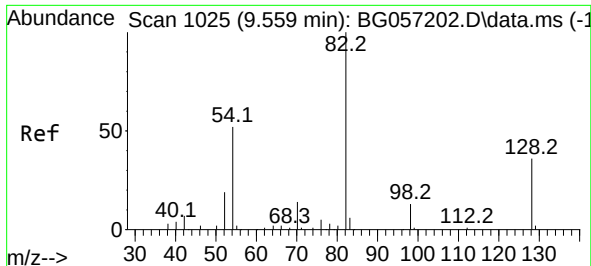
Tgt Ion: 99 Resp: 155987
Ion Ratio Lower Upper
99 100
42 17.4 15.1 22.7
71 39.2 35.2 52.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.192 min Scan# 1303
Delta R.T. -0.007 min
Lab File: BG057503.D
Acq: 22 May 2023 21:25

Tgt Ion: 136 Resp: 80068
Ion Ratio Lower Upper
136 100
137 12.2 8.3 12.5
54 7.0 6.7 10.1
68 4.6 4.6 6.8

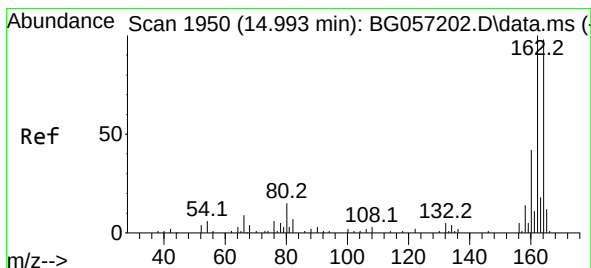
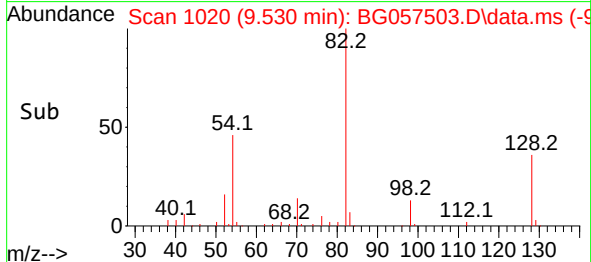
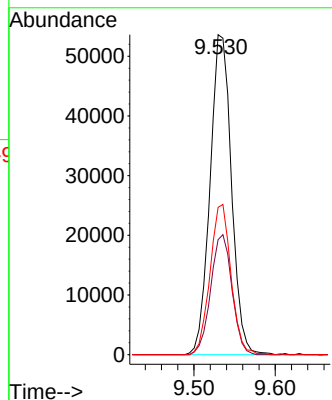
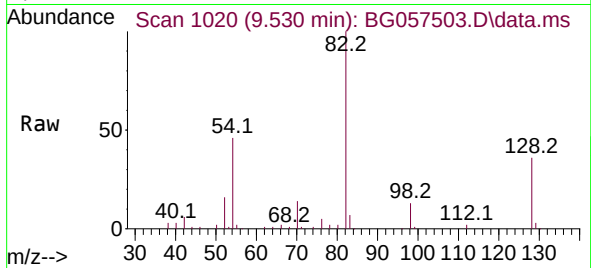




#23
 Nitrobenzene-d5
 Concen: 51.385 ng
 RT: 9.530 min Scan# 1020
 Delta R.T. -0.007 min
 Lab File: BG057503.D
 Acq: 22 May 2023 21:25

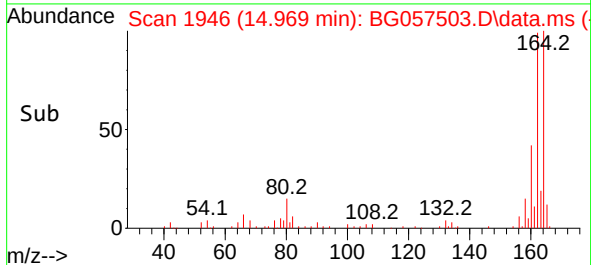
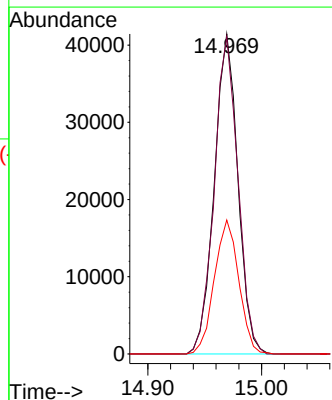
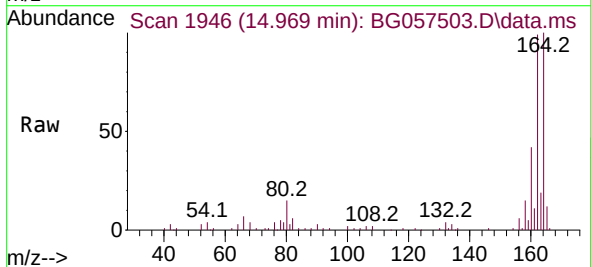
Instrument :
 BNA_G
 ClientSampleId :
 TP-2

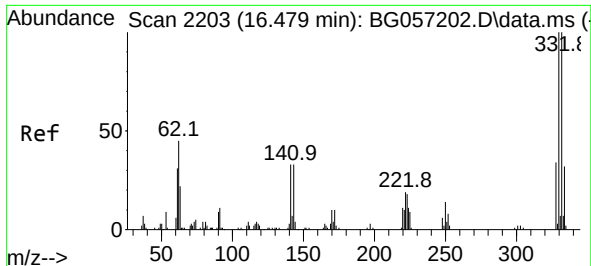
Tgt Ion: 82 Resp: 98027
 Ion Ratio Lower Upper
 82 100
 128 36.0 29.0 43.4
 54 46.0 41.4 62.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.969 min Scan# 1946
 Delta R.T. -0.007 min
 Lab File: BG057503.D
 Acq: 22 May 2023 21:25

Tgt Ion: 164 Resp: 59724
 Ion Ratio Lower Upper
 164 100
 162 99.2 81.8 122.6
 160 41.8 34.6 52.0

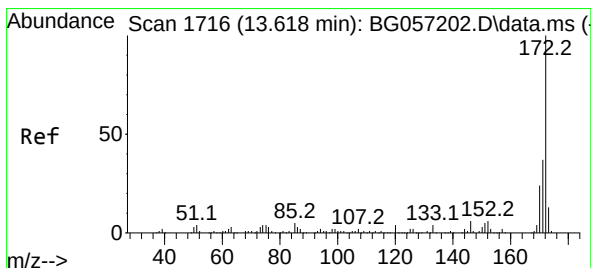
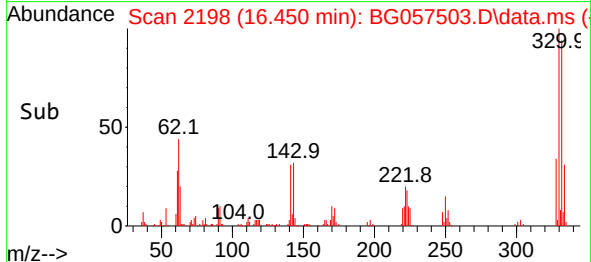
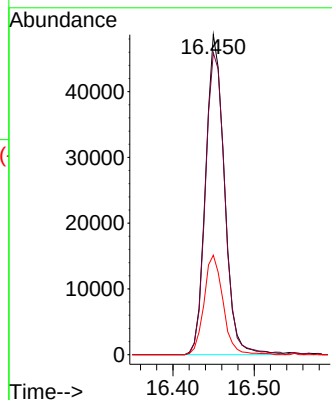
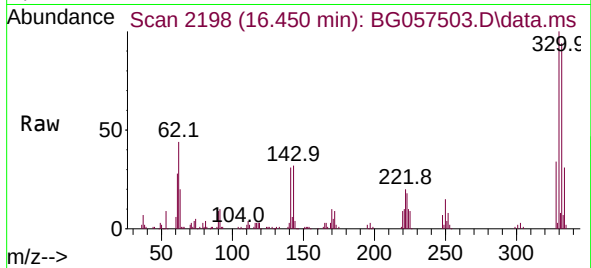




#42
2,4,6-Tribromophenol
Concen: 92.063 ng
RT: 16.450 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG057503.D
Acq: 22 May 2023 21:25

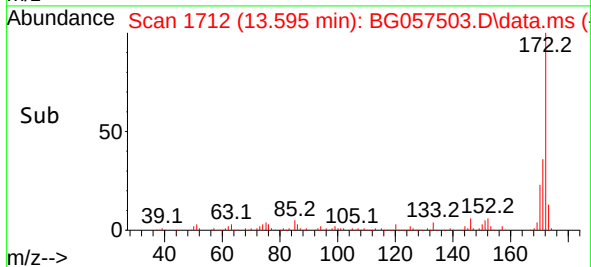
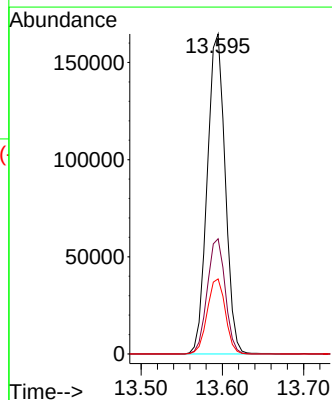
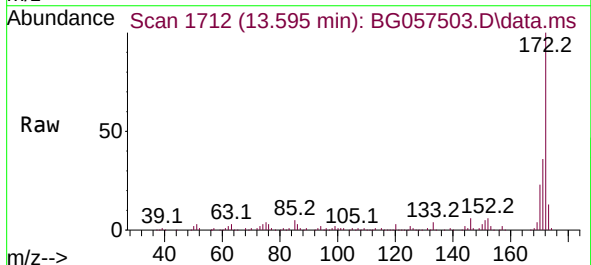
Instrument :
BNA_G
ClientSampleId :
TP-2

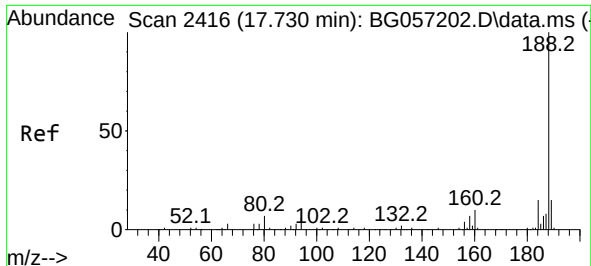
Tgt Ion:330 Resp: 78016
Ion Ratio Lower Upper
330 100
332 97.9 78.2 117.2
141 31.4 27.8 41.8



#45
2-Fluorobiphenyl
Concen: 56.871 ng
RT: 13.595 min Scan# 1712
Delta R.T. -0.007 min
Lab File: BG057503.D
Acq: 22 May 2023 21:25

Tgt Ion:172 Resp: 252195
Ion Ratio Lower Upper
172 100
171 36.0 29.4 44.0
170 23.5 19.0 28.6

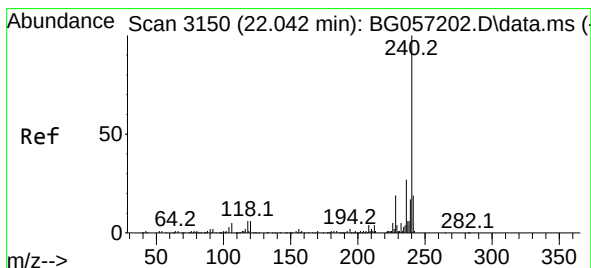
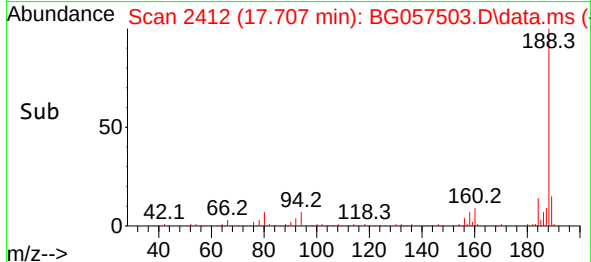
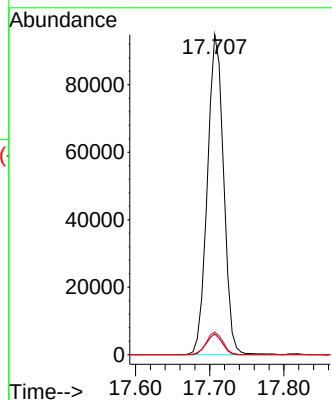
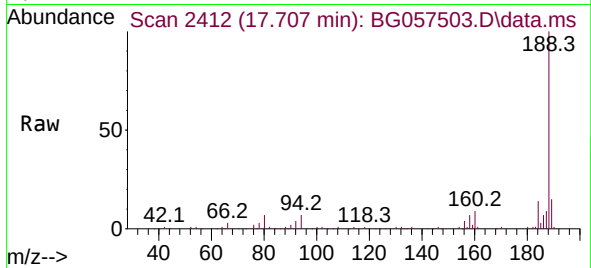




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.707 min Scan# 2416
Delta R.T. -0.007 min
Lab File: BG057503.D
Acq: 22 May 2023 21:25

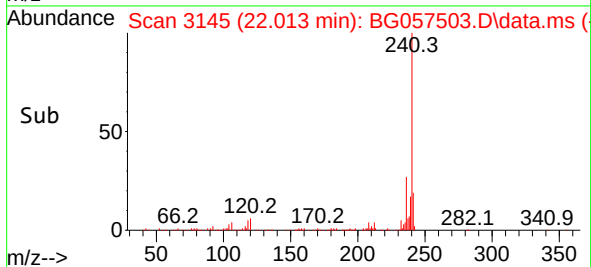
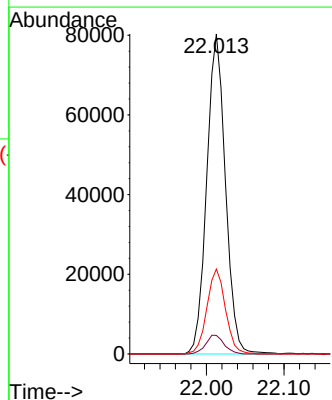
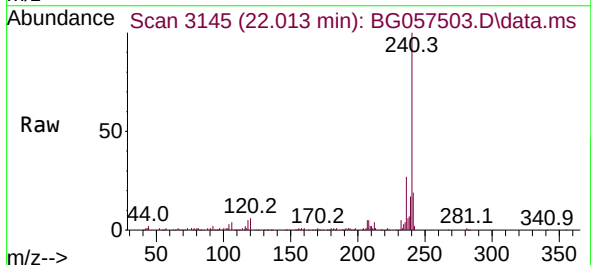
Instrument :
BNA_G
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TP-2

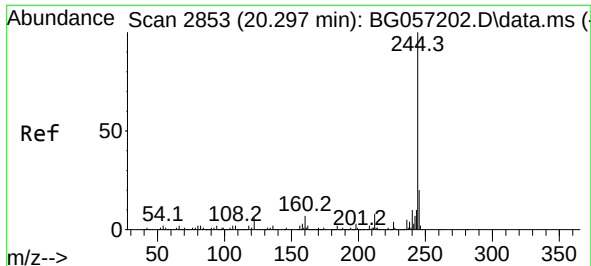
Tgt Ion:188 Resp: 144196
Ion Ratio Lower Upper
188 100
94 6.5 5.1 7.7
80 7.1 5.7 8.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.013 min Scan# 3145
Delta R.T. -0.007 min
Lab File: BG057503.D
Acq: 22 May 2023 21:25

Tgt Ion:240 Resp: 134351
Ion Ratio Lower Upper
240 100
120 5.8 4.9 7.3
236 26.6 21.4 32.2

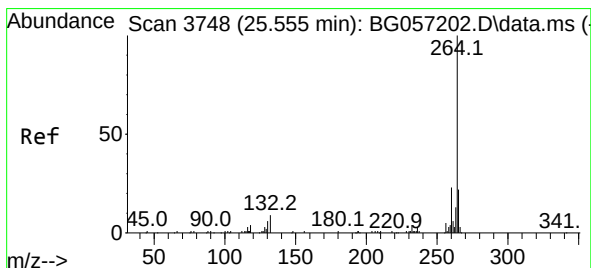
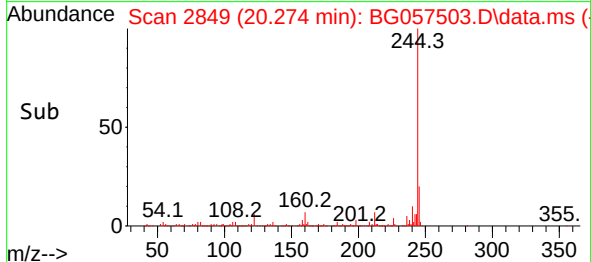
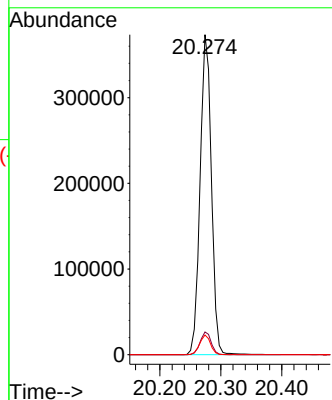
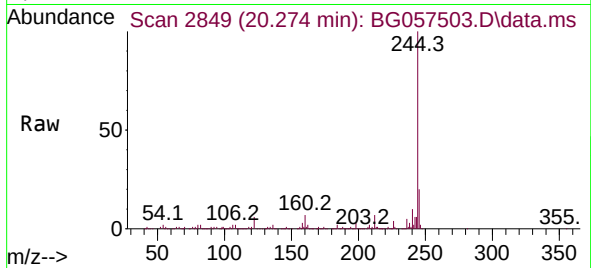




#79
 Terphenyl-d14
 Concen: 58.386 ng
 RT: 20.274 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BG057503.D
 Acq: 22 May 2023 21:25

Instrument :
 BNA_G
 ClientSampleId :
 TP-2

Tgt Ion:244 Resp: 480678
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.1 9.1
 122 6.2 5.1 7.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.508 min Scan# 3740
 Delta R.T. -0.007 min
 Lab File: BG057503.D
 Acq: 22 May 2023 21:25

Tgt Ion:264 Resp: 141822
 Ion Ratio Lower Upper
 264 100
 260 22.2 18.8 28.2
 265 21.8 17.9 26.9

