

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052523\
 Data File : BG057569.D
 Acq On : 25 May 2023 22:39
 Operator : CG/JU
 Sample : 02908-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB09

Quant Time: May 26 03:02:15 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	8.349	152	23245	20.000	ng	0.00
21) Naphthalene-d8	11.186	136	92245	20.000	ng	0.00
39) Acenaphthene-d10	14.963	164	69640	20.000	ng	0.00
64) Phenanthrene-d10	17.707	188	162734	20.000	ng	0.00
76) Chrysene-d12	22.013	240	140512	20.000	ng	0.00
86) Perylene-d12	25.514	264	150459	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.870	112	114038	83.921	ng	0.00
7) Phenol-d6	7.497	99	170742	82.744	ng	0.00
23) Nitrobenzene-d5	9.530	82	106637	48.519	ng	0.00
42) 2,4,6-Tribromophenol	16.450	330	82710	83.705	ng	0.00
45) 2-Fluorobiphenyl	13.589	172	249935	48.336	ng	0.00
79) Terphenyl-d14	20.274	244	432082	50.182	ng	0.00

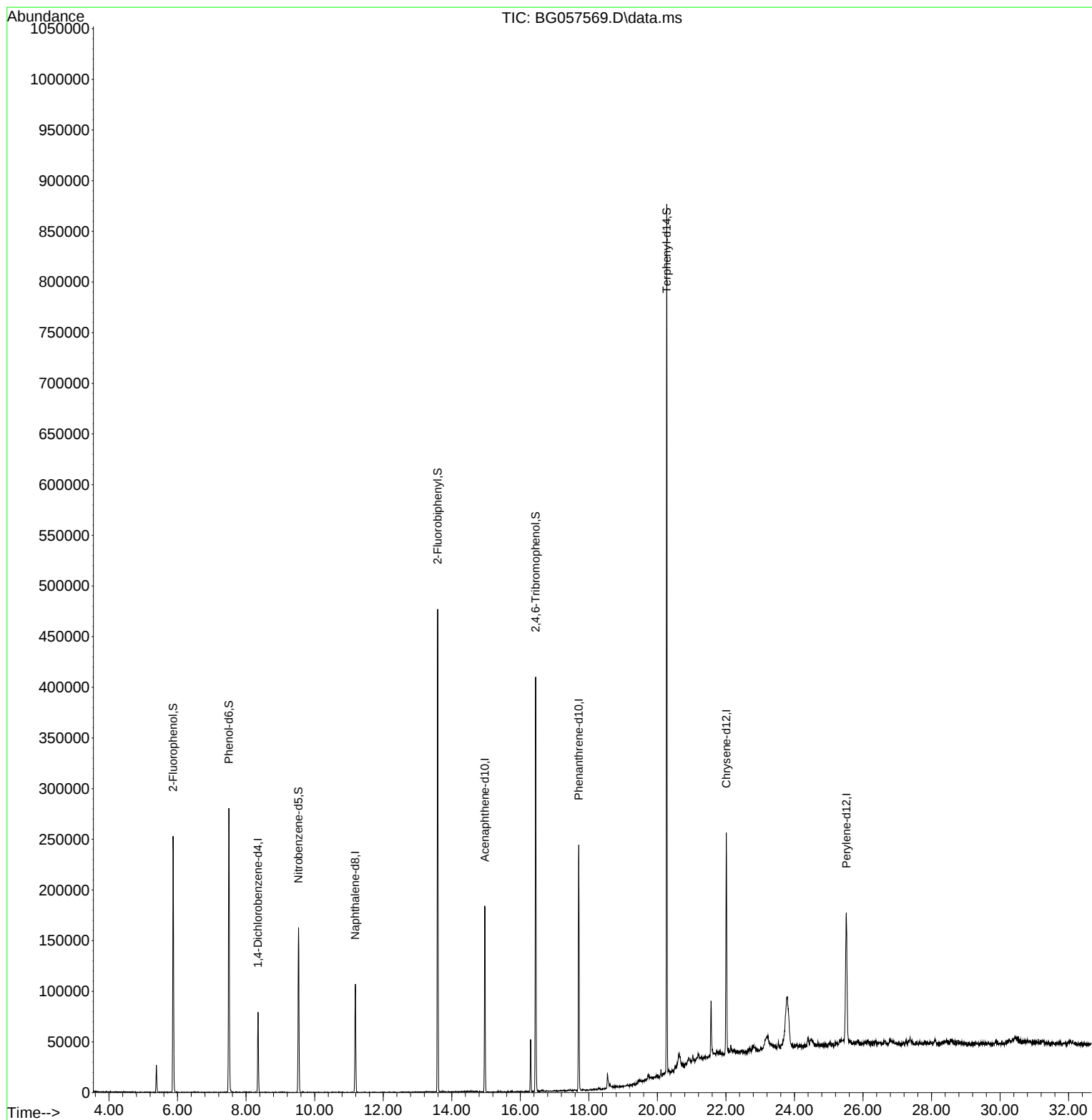
Target Compounds	Qvalue

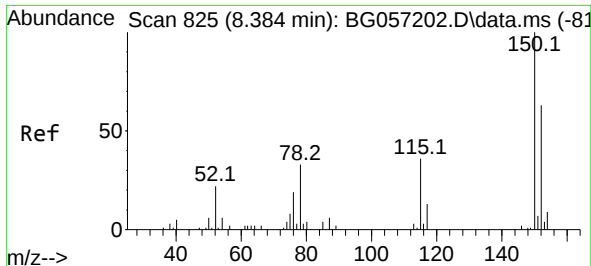
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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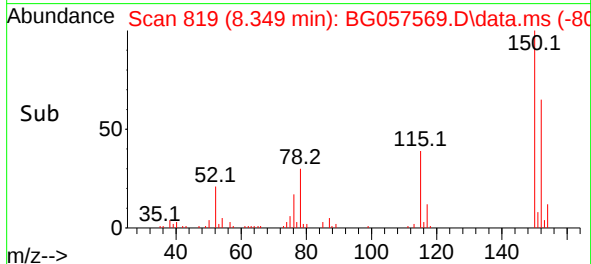
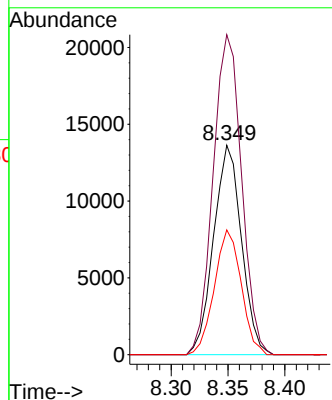
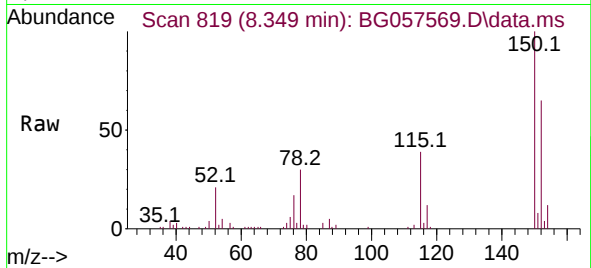




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.349 min Scan# 81
Delta R.T. -0.002 min
Lab File: BG057569.D
Acq: 25 May 2023 22:39

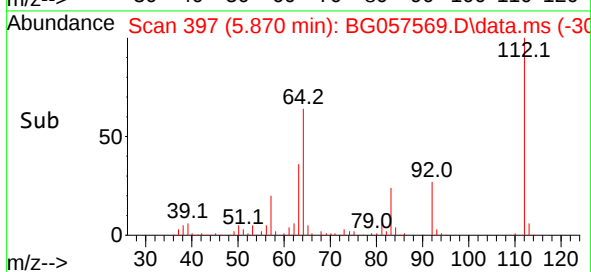
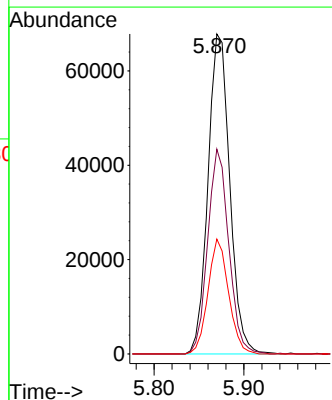
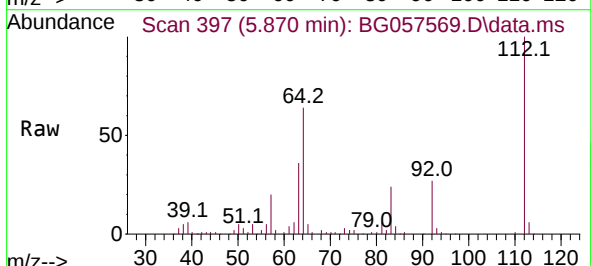
Instrument :
BNA_G
ClientSampleId :
SB09

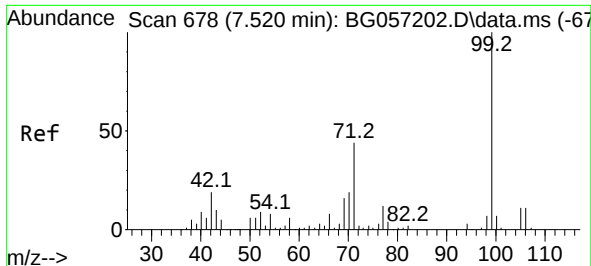
Tgt Ion:152 Resp: 23245
Ion Ratio Lower Upper
152 100
150 152.8 126.2 189.4
115 59.6 45.0 67.4



#5
2-Fluorophenol
Concen: 83.921 ng
RT: 5.870 min Scan# 397
Delta R.T. -0.002 min
Lab File: BG057569.D
Acq: 25 May 2023 22:39

Tgt Ion:112 Resp: 114038
Ion Ratio Lower Upper
112 100
64 64.0 49.4 74.2
63 35.9 31.6 47.4

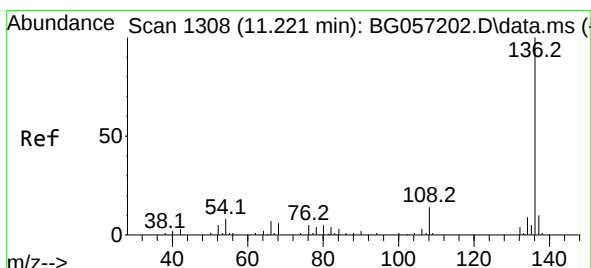
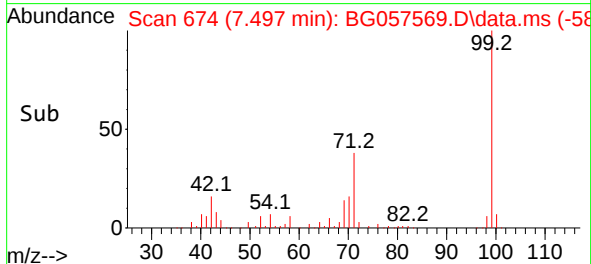
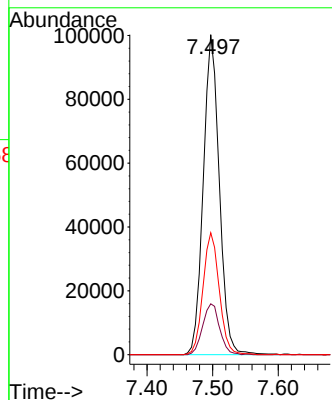
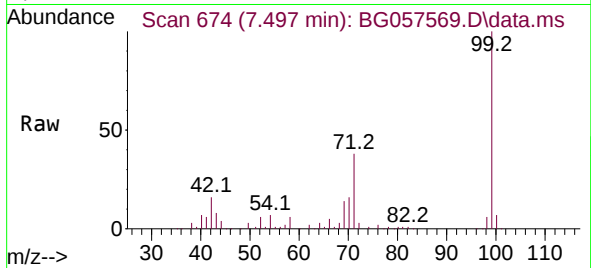




#7
Phenol-d6
Concen: 82.744 ng
RT: 7.497 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG057569.D
Acq: 25 May 2023 22:39

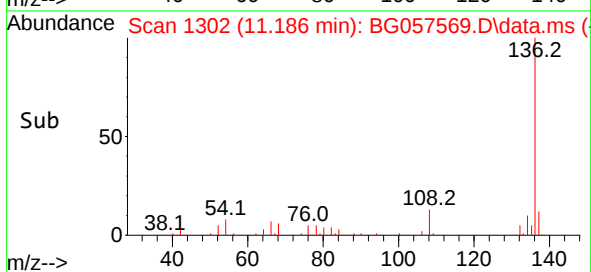
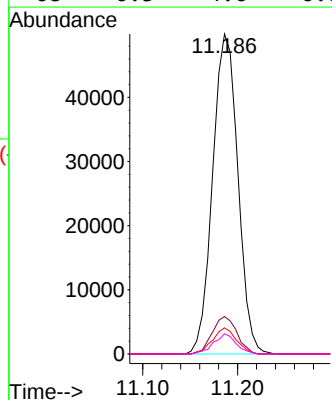
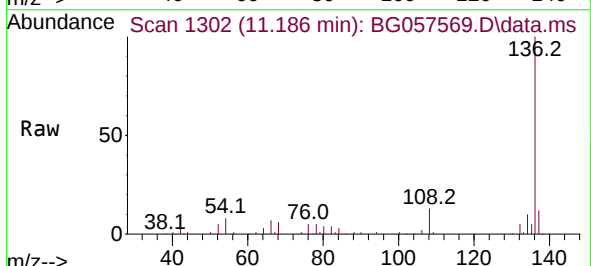
Instrument :
BNA_G
ClientSampleId :
SB09

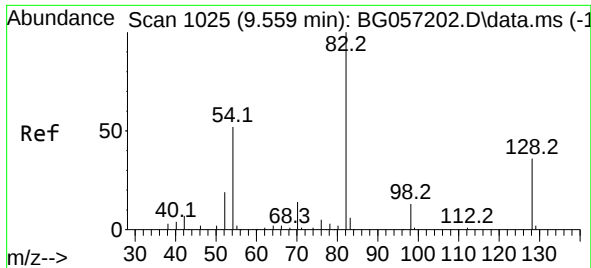
Tgt Ion: 99 Resp: 170742
Ion Ratio Lower Upper
99 100
42 15.9 15.1 22.7
71 38.1 35.2 52.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.186 min Scan# 1302
Delta R.T. -0.008 min
Lab File: BG057569.D
Acq: 25 May 2023 22:39

Tgt Ion: 136 Resp: 92245
Ion Ratio Lower Upper
136 100
137 11.7 8.3 12.5
54 8.1 6.7 10.1
68 6.3 4.6 6.8

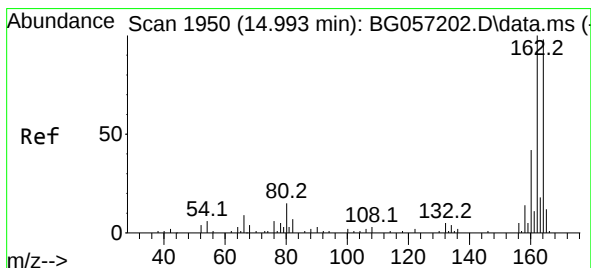
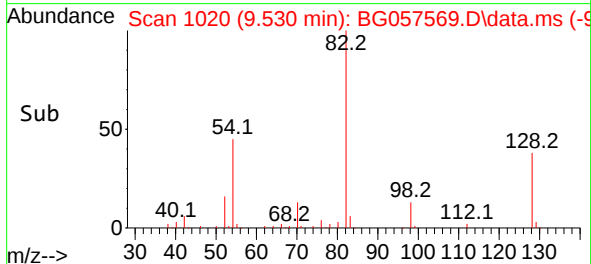
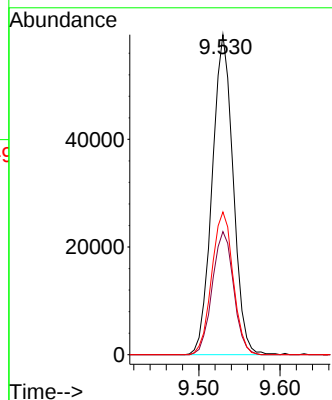
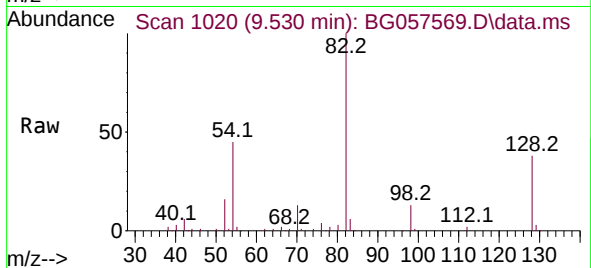




#23
Nitrobenzene-d5
Concen: 48.519 ng
RT: 9.530 min Scan# 1020
Delta R.T. -0.008 min
Lab File: BG057569.D
Acq: 25 May 2023 22:39

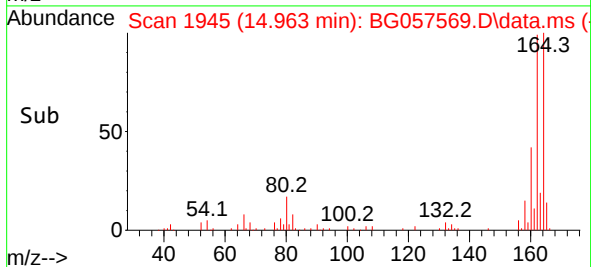
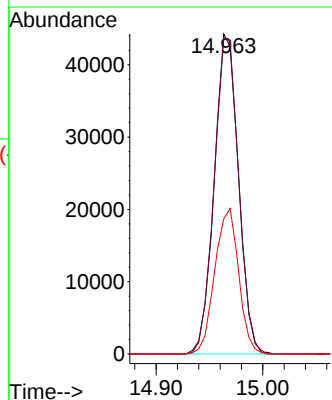
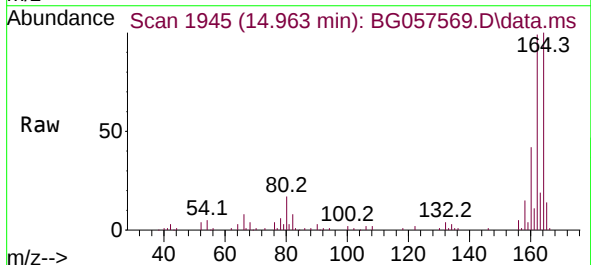
Instrument :
BNA_G
ClientSampleId :
SB09

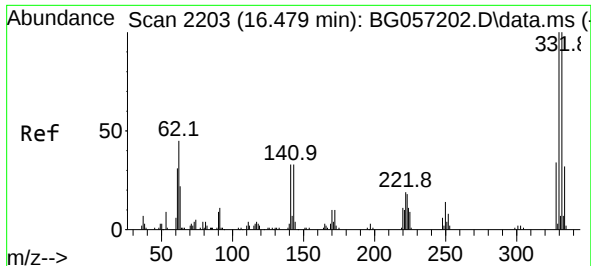
Tgt Ion: 82 Resp: 106637
Ion Ratio Lower Upper
82 100
128 38.4 29.0 43.4
54 44.6 41.4 62.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.963 min Scan# 1945
Delta R.T. -0.008 min
Lab File: BG057569.D
Acq: 25 May 2023 22:39

Tgt Ion:164 Resp: 69640
Ion Ratio Lower Upper
164 100
162 98.9 81.8 122.6
160 42.2 34.6 52.0

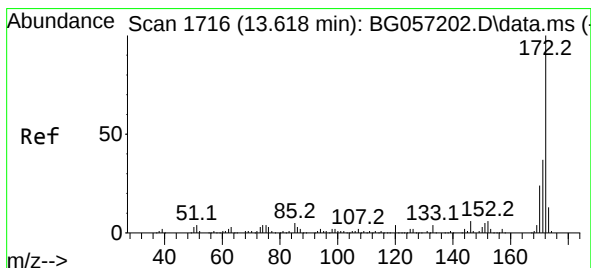
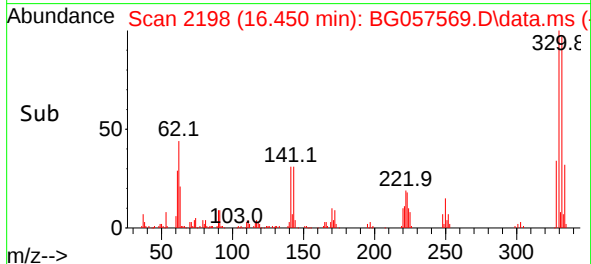
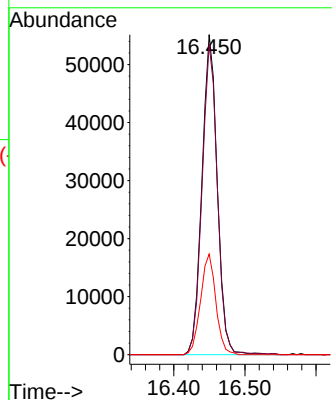
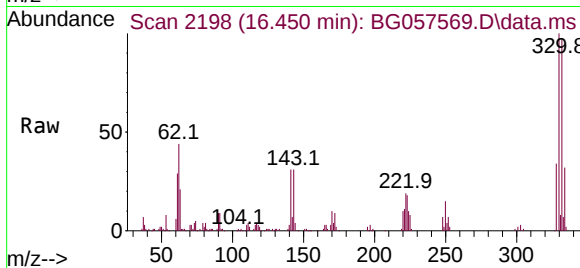




#42
2,4,6-Tribromophenol
Concen: 83.705 ng
RT: 16.450 min Scan# 2198
Delta R.T. -0.008 min
Lab File: BG057569.D
Acq: 25 May 2023 22:39

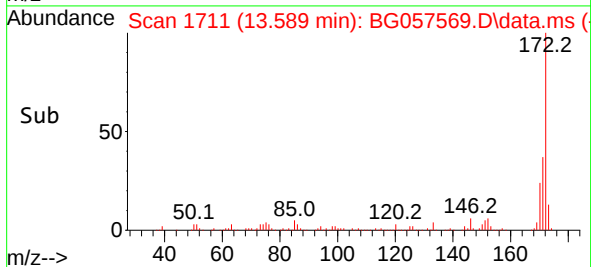
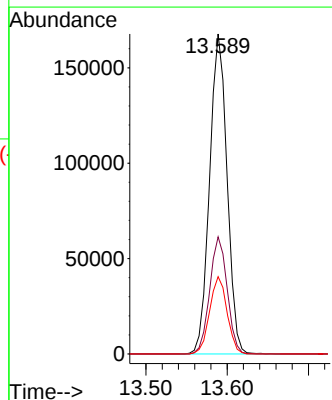
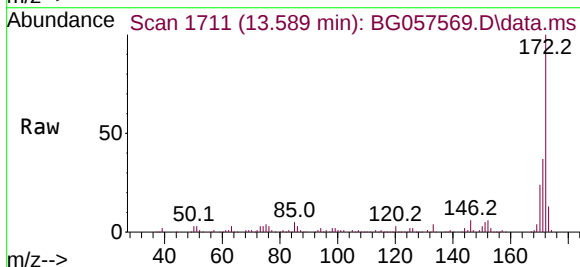
Instrument :
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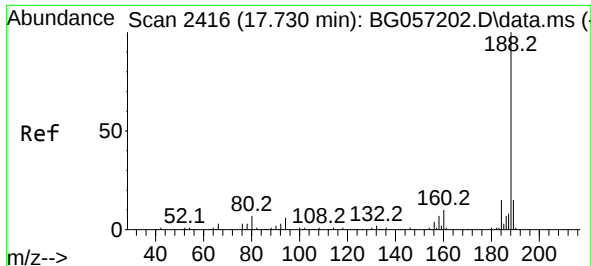
Tgt Ion:330 Resp: 82710
Ion Ratio Lower Upper
330 100
332 96.8 78.2 117.2
141 31.3 27.8 41.8



#45
2-Fluorobiphenyl
Concen: 48.336 ng
RT: 13.589 min Scan# 1711
Delta R.T. -0.008 min
Lab File: BG057569.D
Acq: 25 May 2023 22:39

Tgt Ion:172 Resp: 249935
Ion Ratio Lower Upper
172 100
171 36.6 29.4 44.0
170 24.2 19.0 28.6

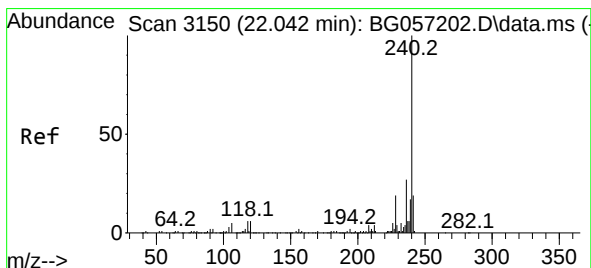
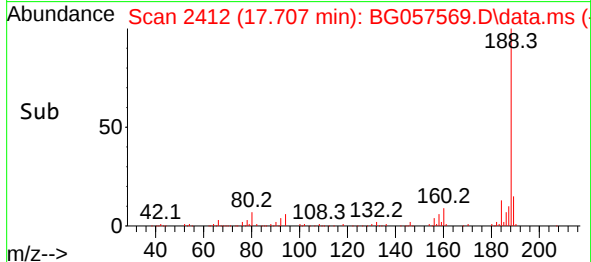
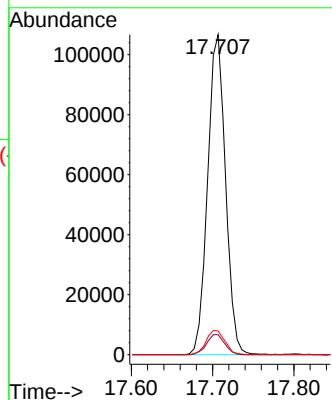
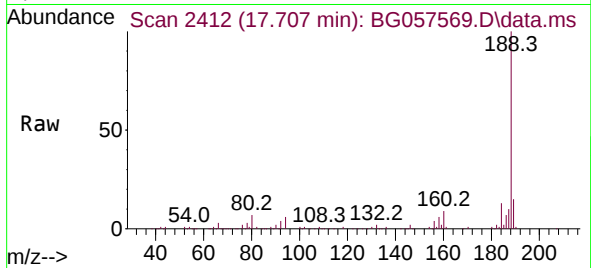




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.707 min Scan# 2416
Delta R.T. -0.002 min
Lab File: BG057569.D
Acq: 25 May 2023 22:39

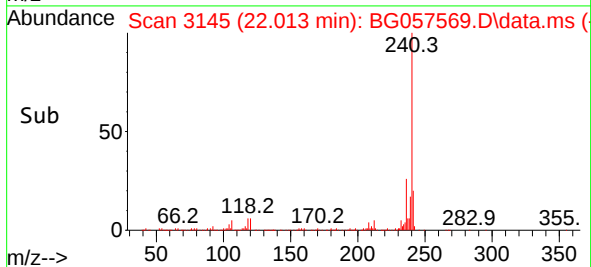
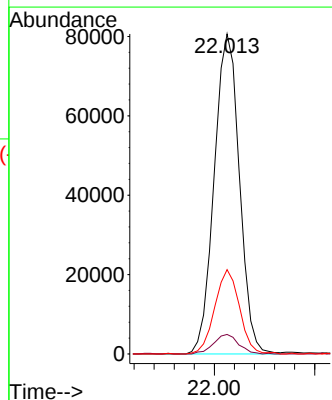
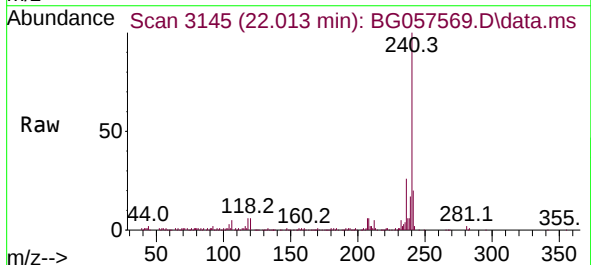
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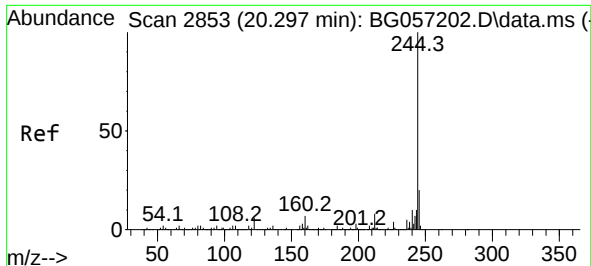
Tgt Ion:188 Resp: 162734
Ion Ratio Lower Upper
188 100
94 6.3 5.1 7.7
80 7.4 5.7 8.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.013 min Scan# 3145
Delta R.T. -0.008 min
Lab File: BG057569.D
Acq: 25 May 2023 22:39

Tgt Ion:240 Resp: 140512
Ion Ratio Lower Upper
240 100
120 6.1 4.9 7.3
236 26.4 21.4 32.2

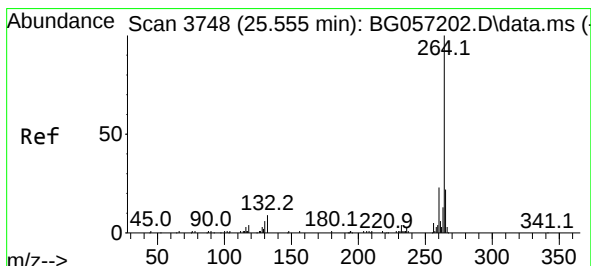
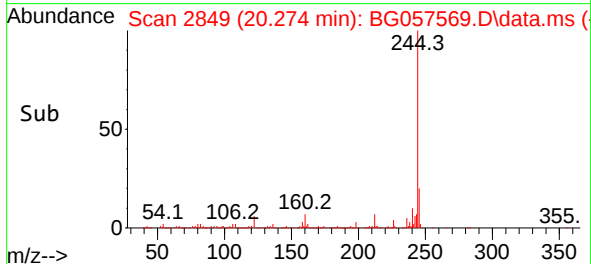
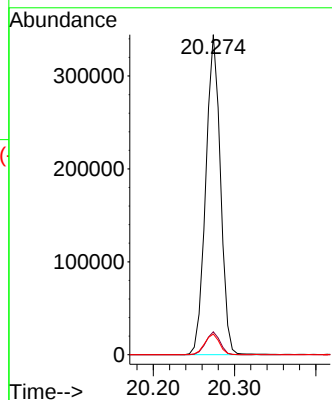
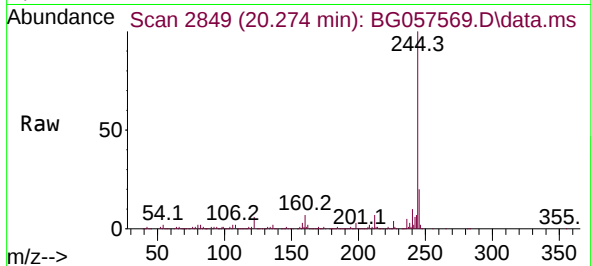




#79
 Terphenyl-d14
 Concen: 50.182 ng
 RT: 20.274 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG057569.D
 Acq: 25 May 2023 22:39

Instrument :
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 ClientSampleId :
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Tgt Ion:244 Resp: 432082
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.1 9.1
 122 6.5 5.1 7.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.514 min Scan# 3741
 Delta R.T. -0.008 min
 Lab File: BG057569.D
 Acq: 25 May 2023 22:39

Tgt Ion:264 Resp: 150459
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.8 28.2
 265 21.8 17.9 26.9

