

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051823\
 Data File : BG057455.D
 Acq On : 18 May 2023 10:29
 Operator : CG/JU
 Sample : PB152402BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB152402BL

Quant Time: May 18 18:47:03 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	8.355	152	17106	20.000	ng	0.00
21) Naphthalene-d8	11.199	136	69273	20.000	ng	0.00
39) Acenaphthene-d10	14.976	164	56515	20.000	ng	0.00
64) Phenanthrene-d10	17.713	188	150084	20.000	ng	0.00
76) Chrysene-d12	22.025	240	142583	20.000	ng	0.00
86) Perylene-d12	25.520	264	150763	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.876	112	160545	160.546	ng	0.00
7) Phenol-d6	7.498	99	234615	154.501	ng	0.00
23) Nitrobenzene-d5	9.536	82	146404	88.702	ng	0.00
42) 2,4,6-Tribromophenol	16.462	330	127185	158.607	ng	0.00
45) 2-Fluorobiphenyl	13.601	172	399073	95.102	ng	0.00
79) Terphenyl-d14	20.286	244	864263	98.918	ng	0.00

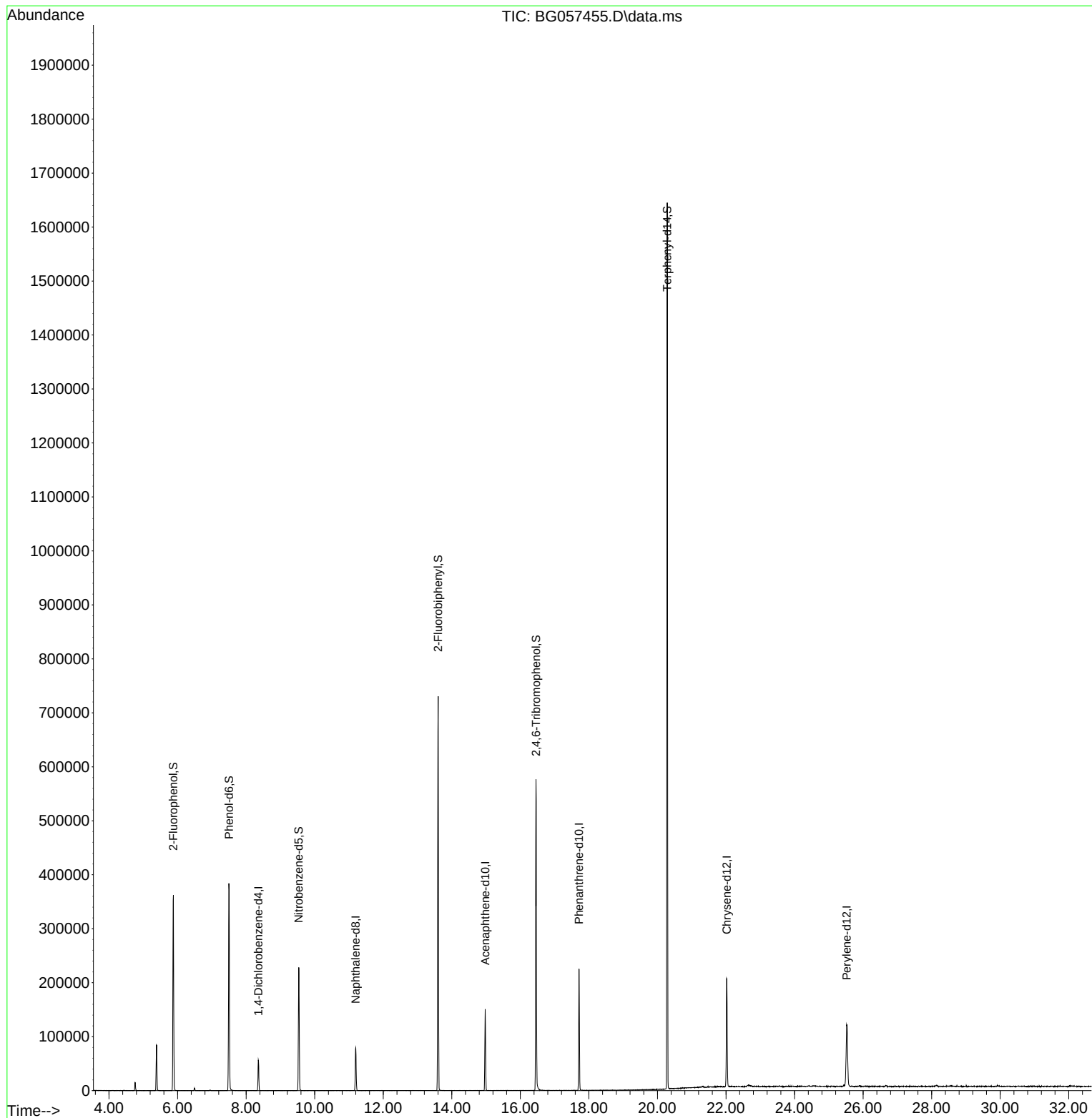
Target Compounds	Qvalue

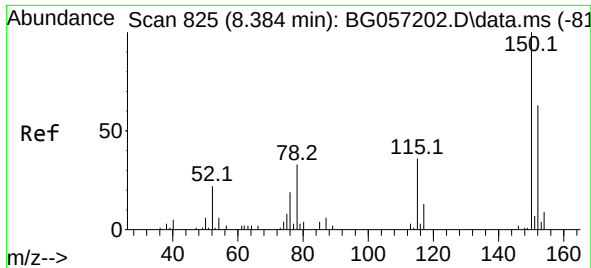
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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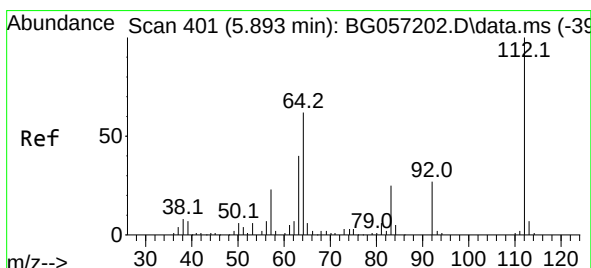
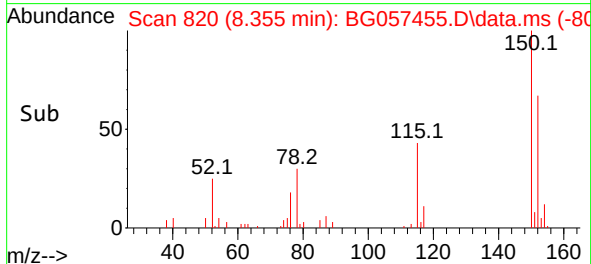
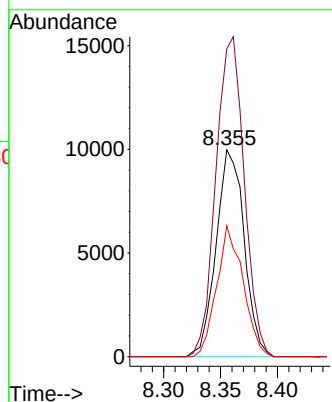
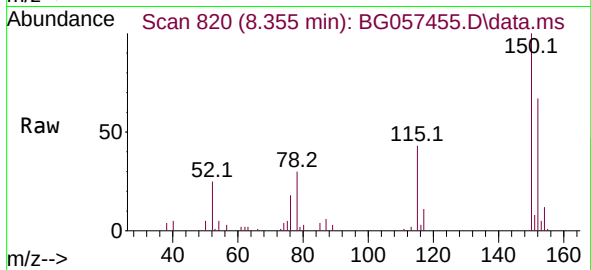




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.355 min Scan# 81
Delta R.T. -0.008 min
Lab File: BG057455.D
Acq: 18 May 2023 10:29

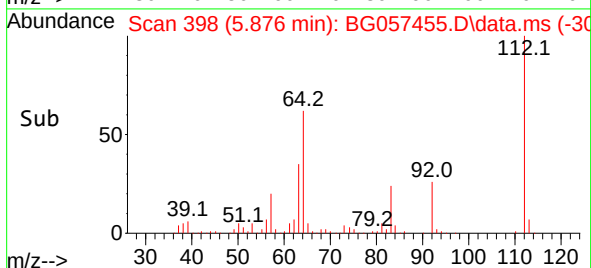
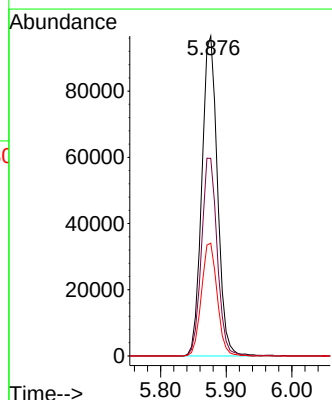
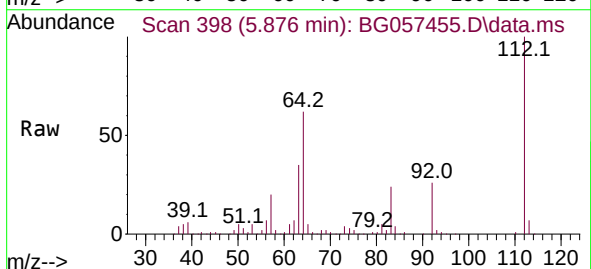
Instrument :
BNA_G
ClientSampleId :
PB152402BL

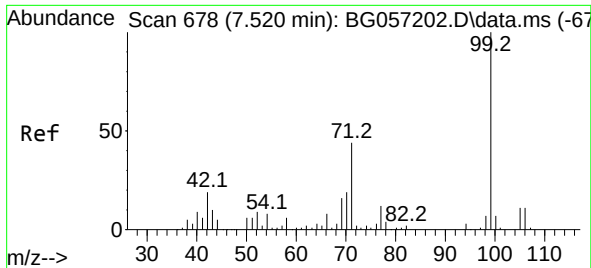
Tgt Ion:152 Resp: 17106
Ion Ratio Lower Upper
152 100
150 148.7 126.2 189.4
115 63.2 45.0 67.4



#5
2-Fluorophenol
Concen: 160.546 ng
RT: 5.876 min Scan# 398
Delta R.T. -0.002 min
Lab File: BG057455.D
Acq: 18 May 2023 10:29

Tgt Ion:112 Resp: 160545
Ion Ratio Lower Upper
112 100
64 61.8 49.4 74.2
63 35.2 31.6 47.4

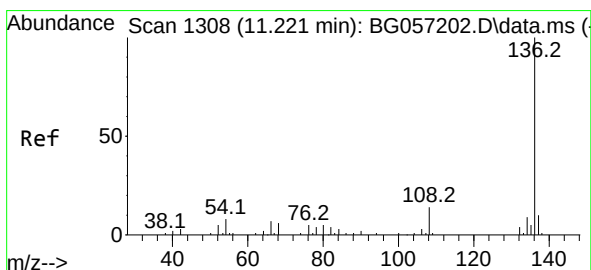
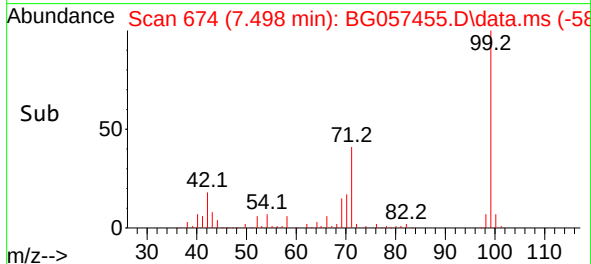
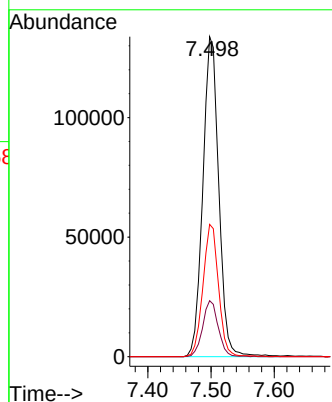
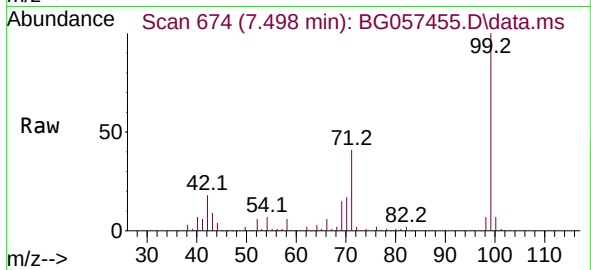




#7
Phenol-d6
Concen: 154.501 ng
RT: 7.498 min Scan# 61
Delta R.T. -0.008 min
Lab File: BG057455.D
Acq: 18 May 2023 10:29

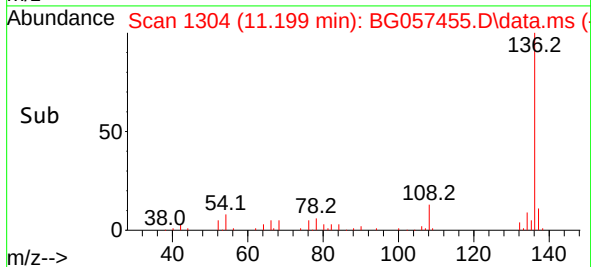
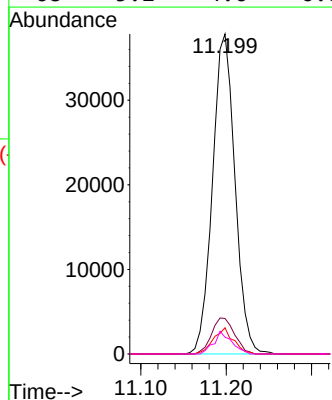
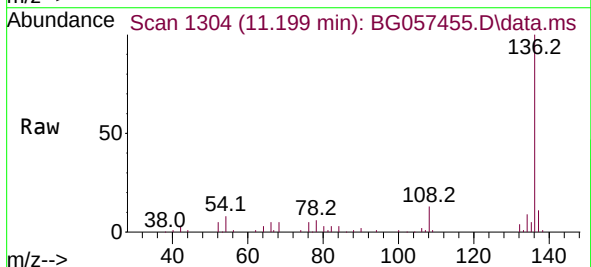
Instrument :
BNA_G
ClientSampleId :
PB152402BL

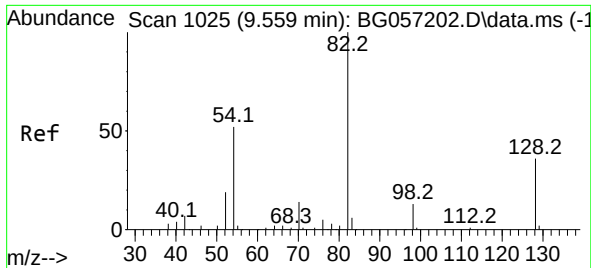
Tgt Ion: 99 Resp: 234615
Ion Ratio Lower Upper
99 100
42 17.5 15.1 22.7
71 41.3 35.2 52.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.199 min Scan# 1304
Delta R.T. -0.002 min
Lab File: BG057455.D
Acq: 18 May 2023 10:29

Tgt Ion: 136 Resp: 69273
Ion Ratio Lower Upper
136 100
137 11.1 8.3 12.5
54 8.2 6.7 10.1
68 5.2 4.6 6.8

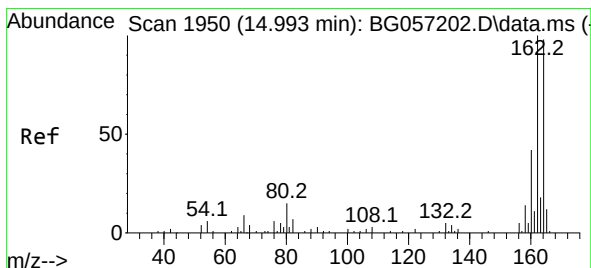
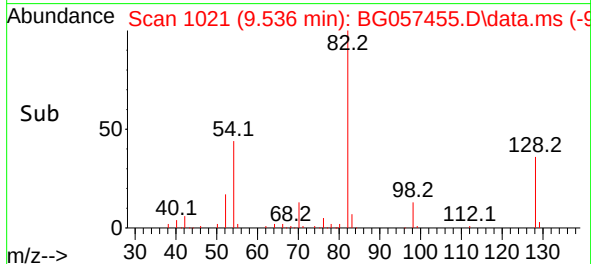
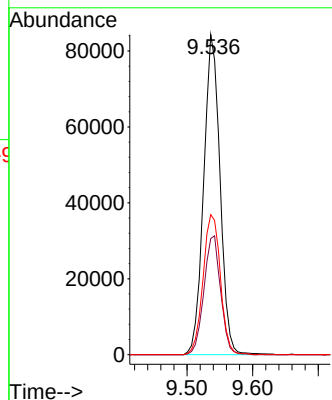
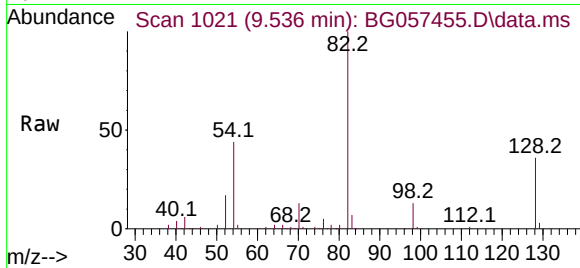




#23
Nitrobenzene-d5
Concen: 88.702 ng
RT: 9.536 min Scan# 1021
Delta R.T. -0.008 min
Lab File: BG057455.D
Acq: 18 May 2023 10:29

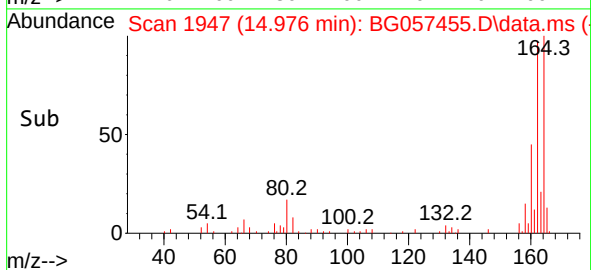
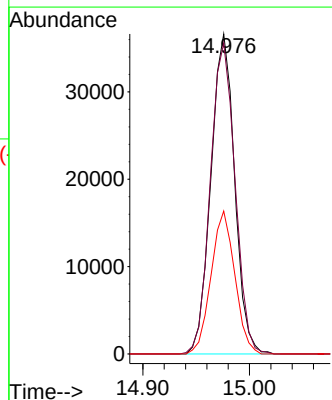
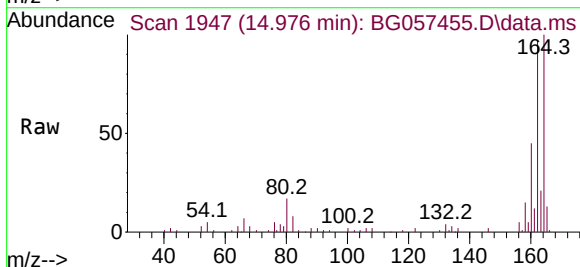
Instrument :
BNA_G
ClientSampleId :
PB152402BL

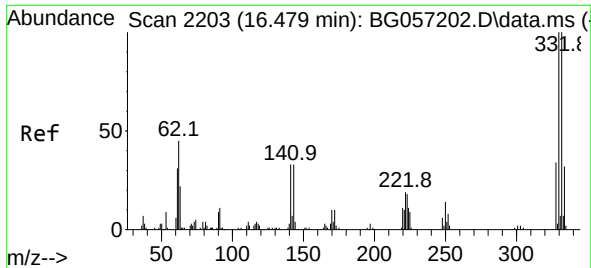
Tgt Ion: 82 Resp: 146404
Ion Ratio Lower Upper
82 100
128 36.3 29.0 43.4
54 43.8 41.4 62.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.976 min Scan# 1947
Delta R.T. -0.002 min
Lab File: BG057455.D
Acq: 18 May 2023 10:29

Tgt Ion:164 Resp: 56515
Ion Ratio Lower Upper
164 100
162 97.2 81.8 122.6
160 44.6 34.6 52.0

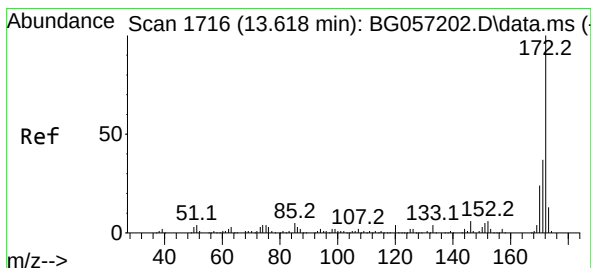
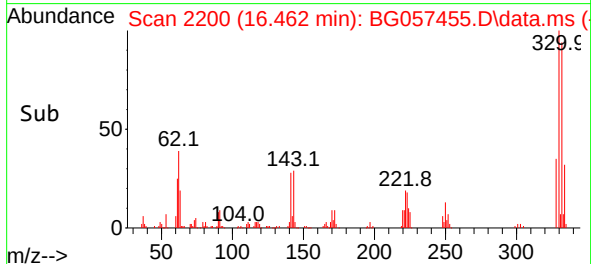
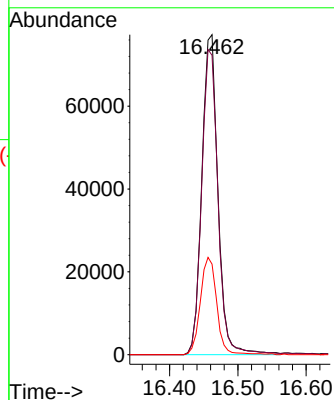
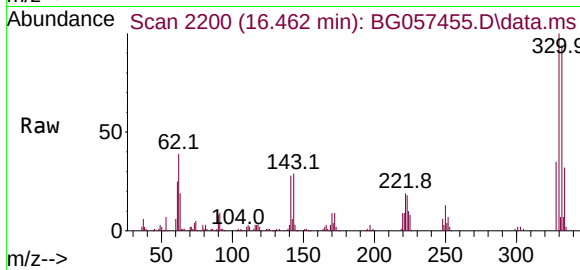




#42
2,4,6-Tribromophenol
Concen: 158.607 ng
RT: 16.462 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG057455.D
Acq: 18 May 2023 10:29

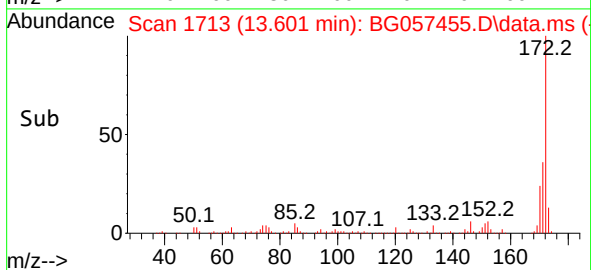
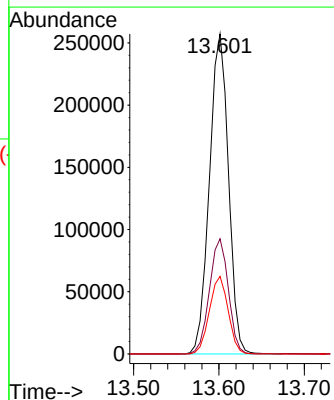
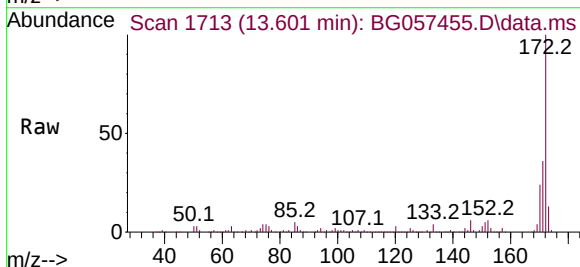
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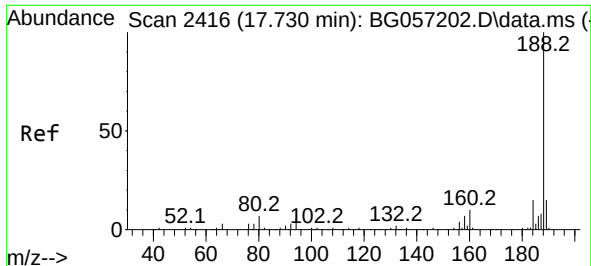
Tgt Ion:330 Resp: 127185
Ion Ratio Lower Upper
330 100
332 97.0 78.2 117.2
141 30.9 27.8 41.8



#45
2-Fluorobiphenyl
Concen: 95.102 ng
RT: 13.601 min Scan# 1713
Delta R.T. -0.002 min
Lab File: BG057455.D
Acq: 18 May 2023 10:29

Tgt Ion:172 Resp: 399073
Ion Ratio Lower Upper
172 100
171 36.0 29.4 44.0
170 24.3 19.0 28.6

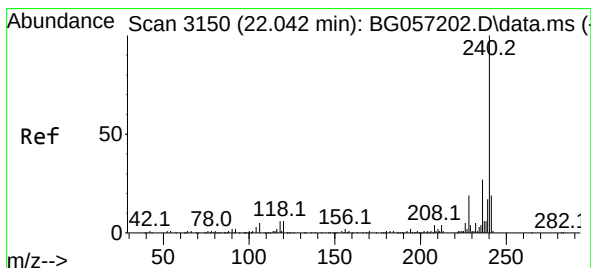
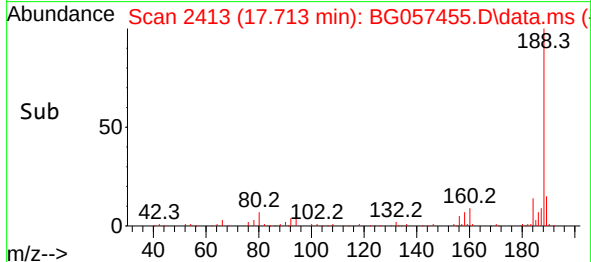
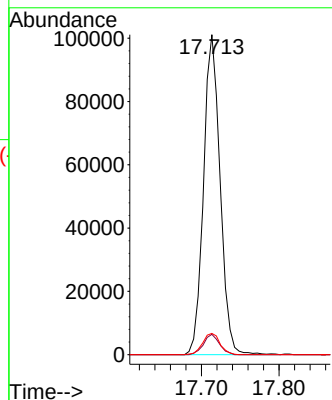
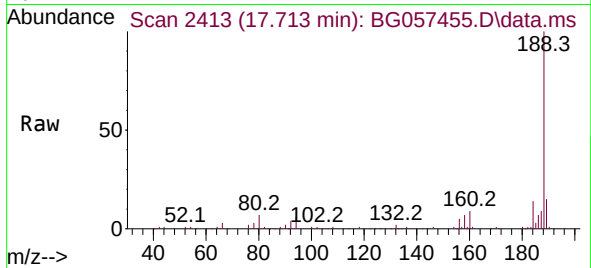




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.713 min Scan# 2416
Delta R.T. -0.008 min
Lab File: BG057455.D
Acq: 18 May 2023 10:29

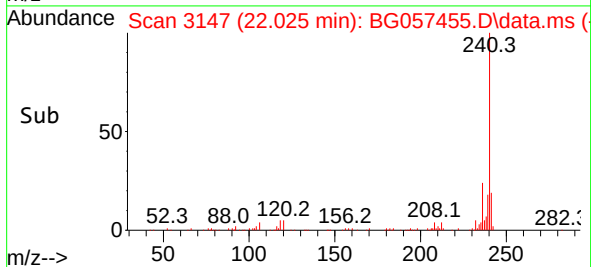
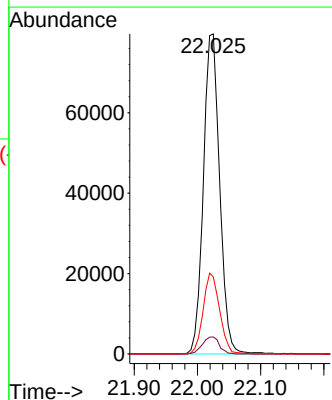
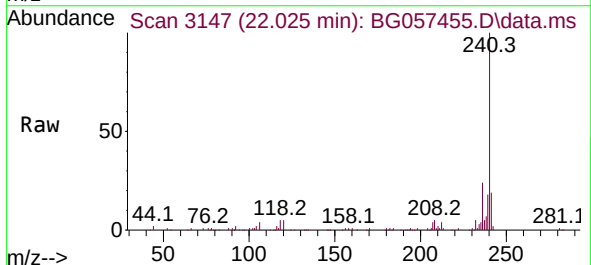
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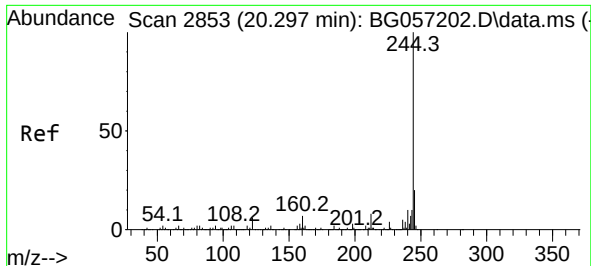
Tgt Ion:188 Resp: 150084
Ion Ratio Lower Upper
188 100
94 6.4 5.1 7.7
80 6.7 5.7 8.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.025 min Scan# 3147
Delta R.T. -0.008 min
Lab File: BG057455.D
Acq: 18 May 2023 10:29

Tgt Ion:240 Resp: 142583
Ion Ratio Lower Upper
240 100
120 5.3 4.9 7.3
236 24.1 21.4 32.2

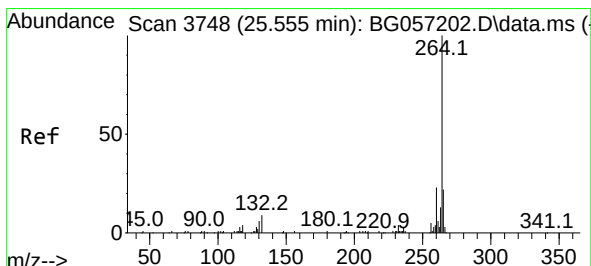
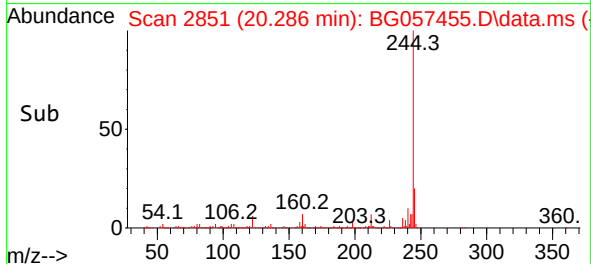
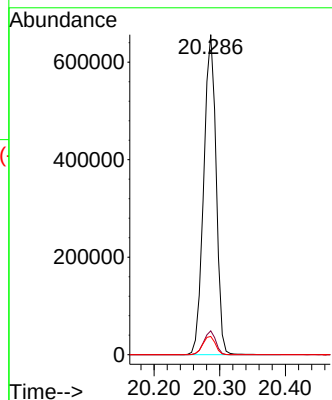
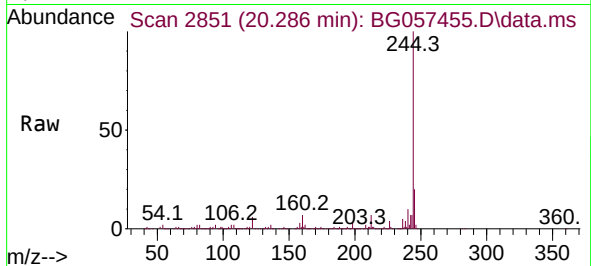




#79
 Terphenyl-d14
 Concen: 98.918 ng
 RT: 20.286 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG057455.D
 Acq: 18 May 2023 10:29

Instrument :
 BNA_G
 ClientSampleId :
 PB152402BL

Tgt Ion:244 Resp: 864263
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.1 9.1
 122 5.7 5.1 7.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.520 min Scan# 3742
 Delta R.T. -0.014 min
 Lab File: BG057455.D
 Acq: 18 May 2023 10:29

Tgt Ion:264 Resp: 150763
 Ion Ratio Lower Upper
 264 100
 260 22.5 18.8 28.2
 265 20.0 17.9 26.9

