

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062823\
 Data File : BG057886.D
 Acq On : 28 Jun 2023 10:25
 Operator : CG/JU
 Sample : 03366-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FB02

Quant Time: Jun 28 16:32:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG062723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 28 01:12:33 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.917	152	39351	20.000	ng	0.00
21) Naphthalene-d8	10.719	136	165217	20.000	ng	0.00
39) Acenaphthene-d10	14.550	164	118401	20.000	ng	0.00
64) Phenanthrene-d10	17.294	188	317226	20.000	ng	0.00
76) Chrysene-d12	21.548	240	291526	20.000	ng	0.00
86) Perylene-d12	24.691	264	361188	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.490	112	164267	63.868	ng	0.00
7) Phenol-d6	7.076	99	134586	34.994	ng	0.00
23) Nitrobenzene-d5	9.080	82	308957	91.645	ng	0.00
42) 2,4,6-Tribromophenol	16.042	330	273168	137.363	ng	0.00
45) 2-Fluorobiphenyl	13.175	172	688768	88.774	ng	0.00
79) Terphenyl-d14	19.914	244	1385323	86.633	ng	0.00

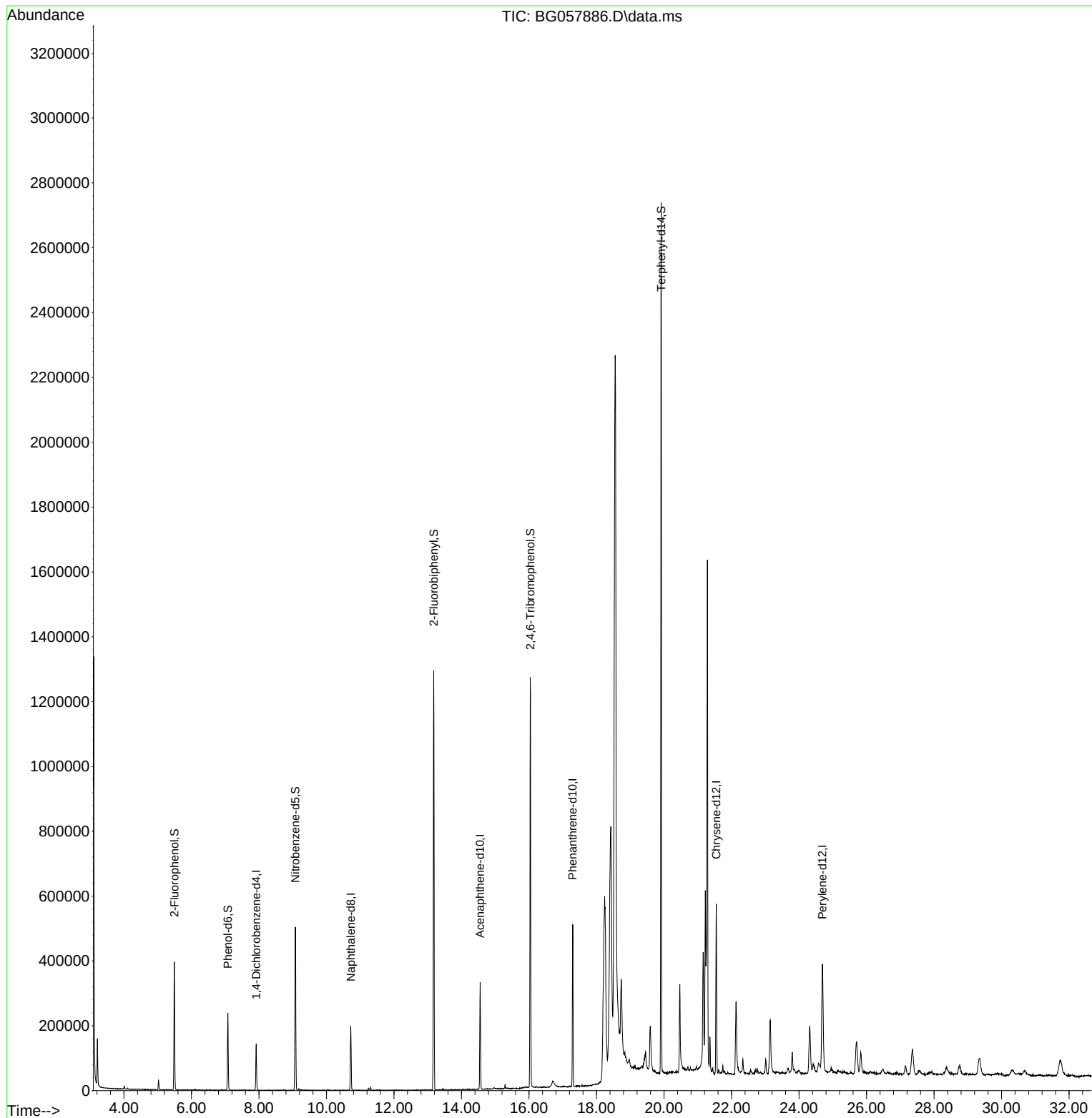
Target Compounds	Qvalue

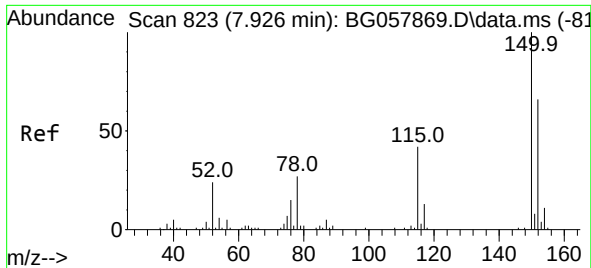
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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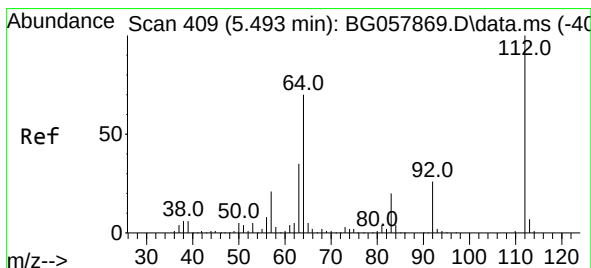
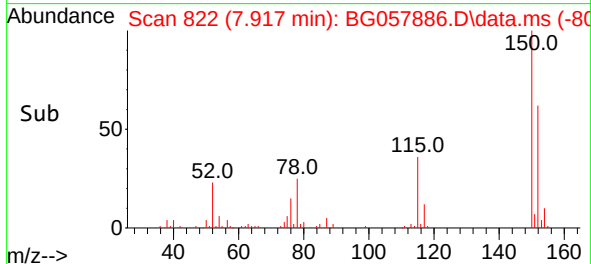
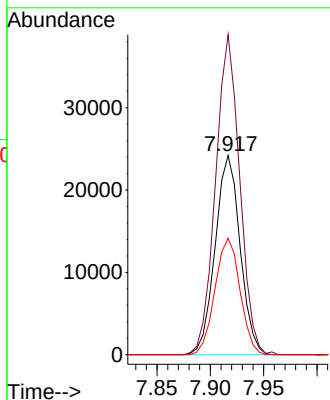
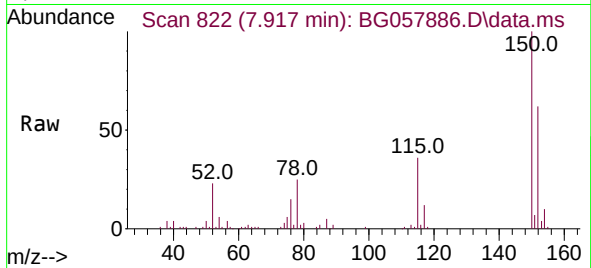




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.917 min Scan# 81
Delta R.T. -0.009 min
Lab File: BG057886.D
Acq: 28 Jun 2023 10:25

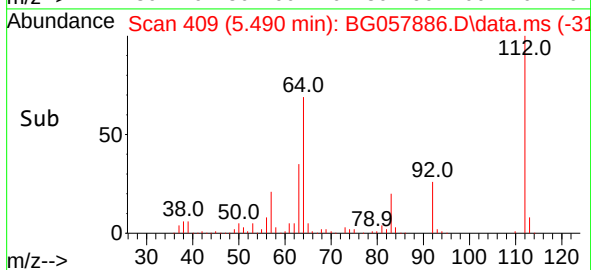
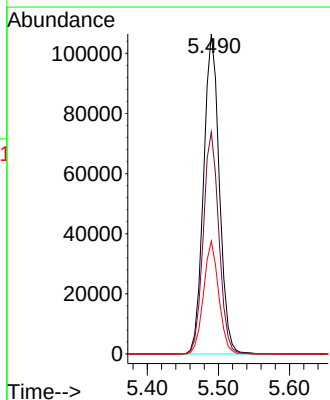
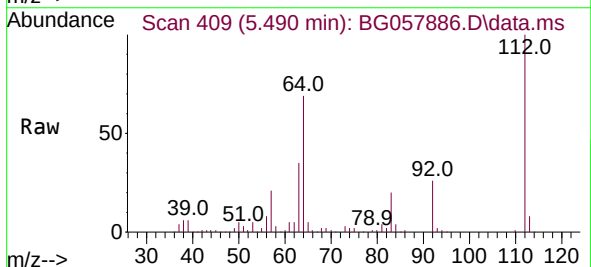
Instrument :
BNA_G
ClientSampleId :
FB02

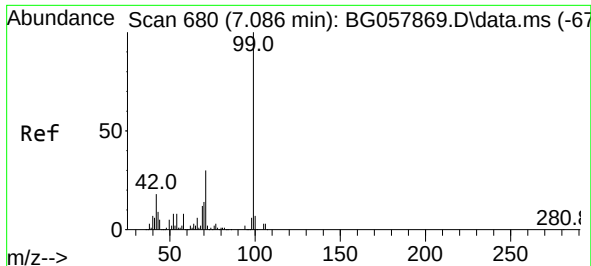
Tgt Ion:152 Resp: 39351
Ion Ratio Lower Upper
152 100
150 160.7 122.0 183.0
115 58.5 50.7 76.1



#5
2-Fluorophenol
Concen: 63.868 ng
RT: 5.490 min Scan# 409
Delta R.T. -0.003 min
Lab File: BG057886.D
Acq: 28 Jun 2023 10:25

Tgt Ion:112 Resp: 164267
Ion Ratio Lower Upper
112 100
64 69.3 55.8 83.6
63 35.2 27.9 41.9

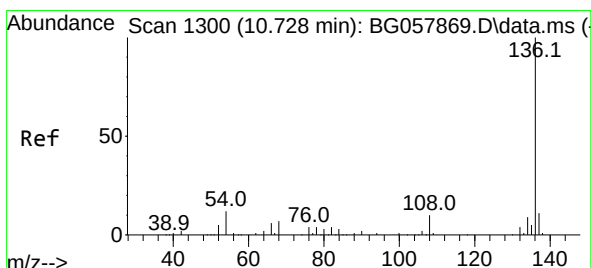
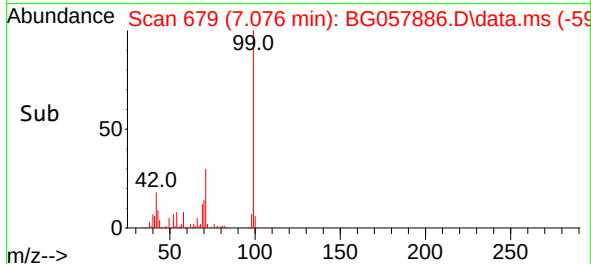
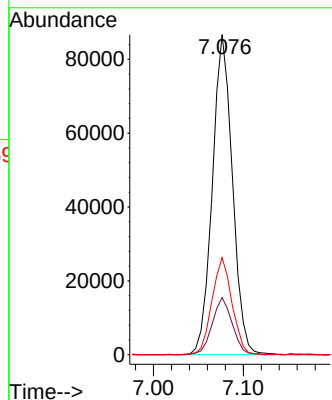
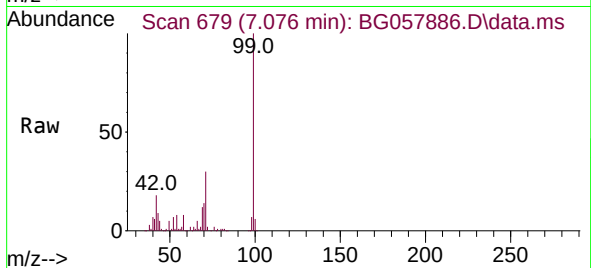




#7
Phenol-d6
Concen: 34.994 ng
RT: 7.076 min Scan# 61
Delta R.T. -0.009 min
Lab File: BG057886.D
Acq: 28 Jun 2023 10:25

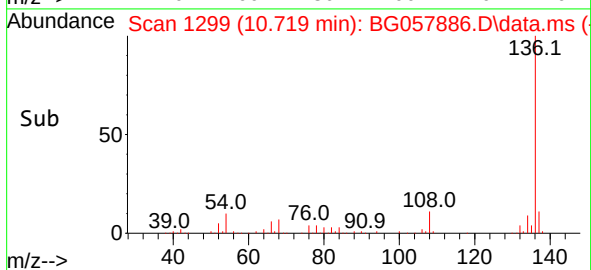
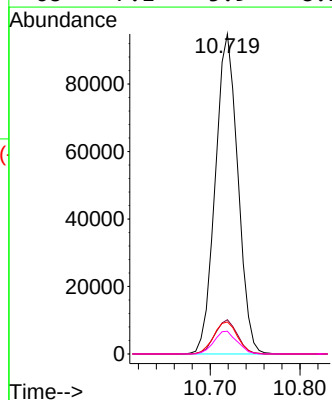
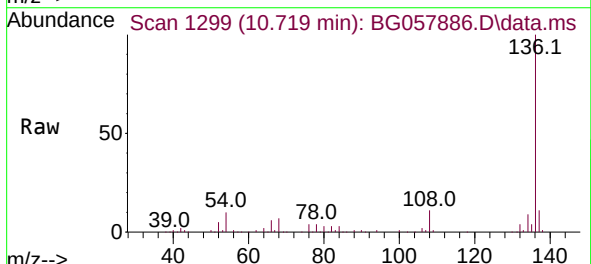
Instrument :
BNA_G
ClientSampleId :
FB02

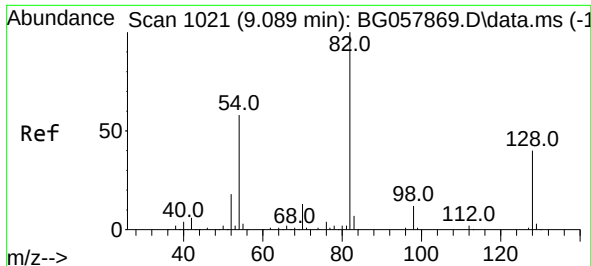
Tgt Ion: 99 Resp: 134586
Ion Ratio Lower Upper
99 100
42 17.8 14.2 21.4
71 30.3 23.9 35.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.719 min Scan# 1299
Delta R.T. -0.009 min
Lab File: BG057886.D
Acq: 28 Jun 2023 10:25

Tgt Ion:136 Resp: 165217
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 10.0 9.3 13.9
68 7.1 5.9 8.9

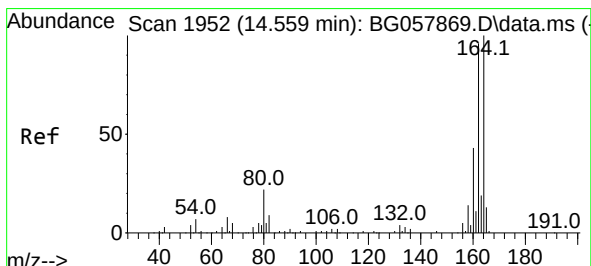
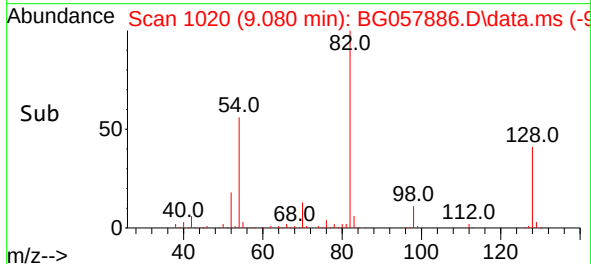
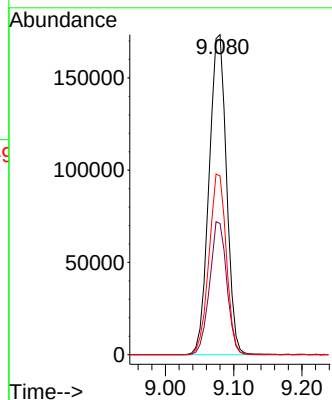
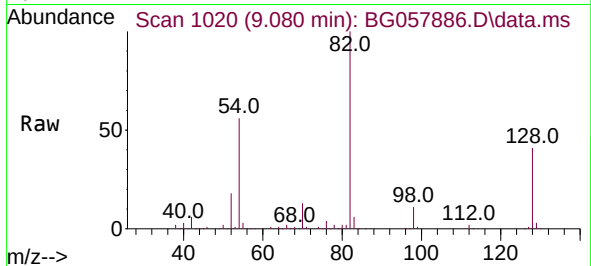




#23
Nitrobenzene-d5
Concen: 91.645 ng
RT: 9.080 min Scan# 1021
Delta R.T. -0.009 min
Lab File: BG057886.D
Acq: 28 Jun 2023 10:25

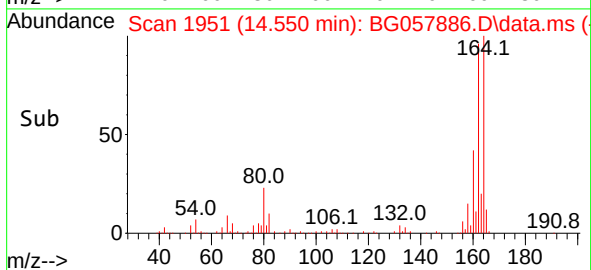
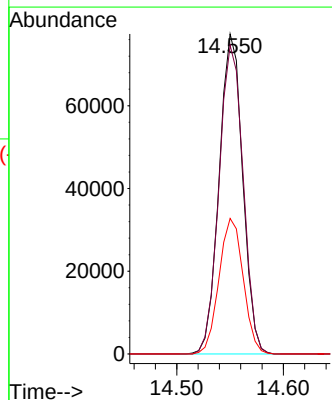
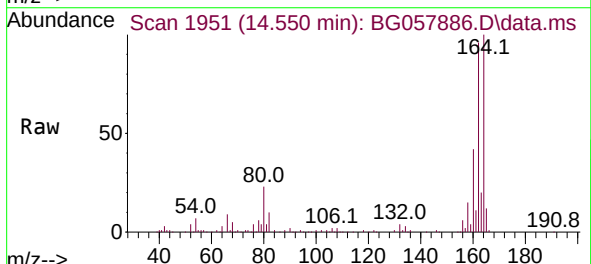
Instrument :
BNA_G
ClientSampleId :
FB02

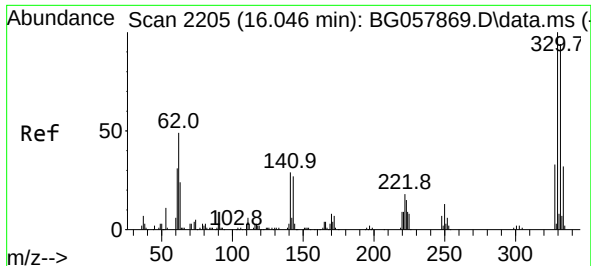
Tgt Ion: 82 Resp: 308957
Ion Ratio Lower Upper
82 100
128 41.0 32.2 48.4
54 55.8 46.1 69.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.550 min Scan# 1951
Delta R.T. -0.009 min
Lab File: BG057886.D
Acq: 28 Jun 2023 10:25

Tgt Ion: 164 Resp: 118401
Ion Ratio Lower Upper
164 100
162 96.4 76.4 114.6
160 42.4 34.2 51.2

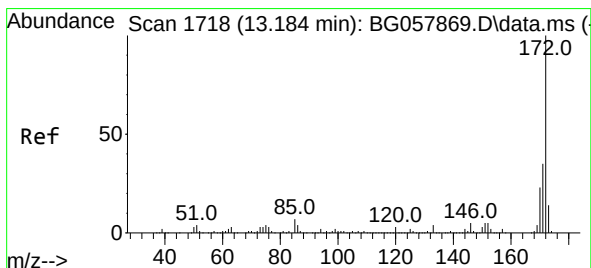
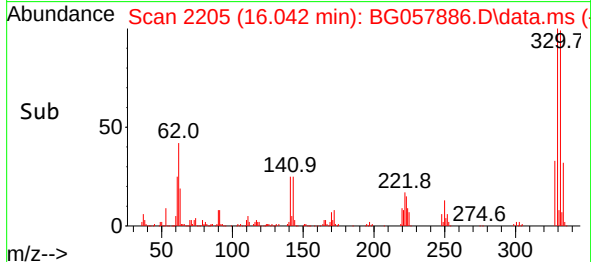
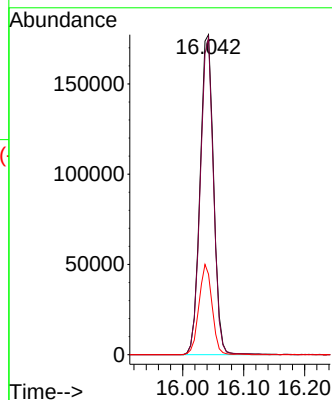
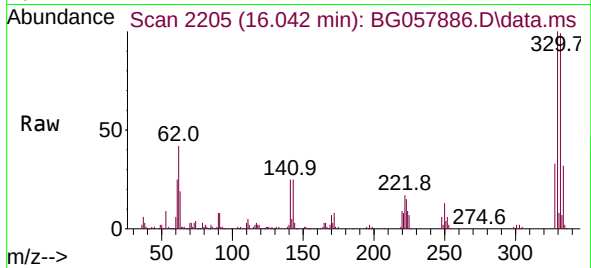




#42
2,4,6-Tribromophenol
Concen: 137.363 ng
RT: 16.042 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG057886.D
Acq: 28 Jun 2023 10:25

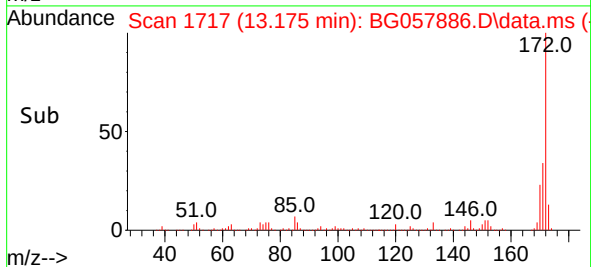
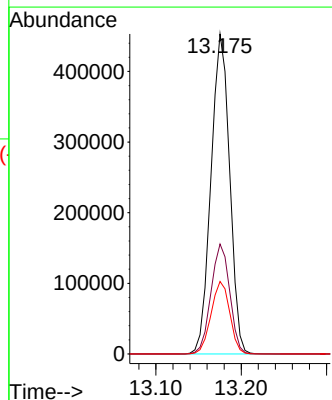
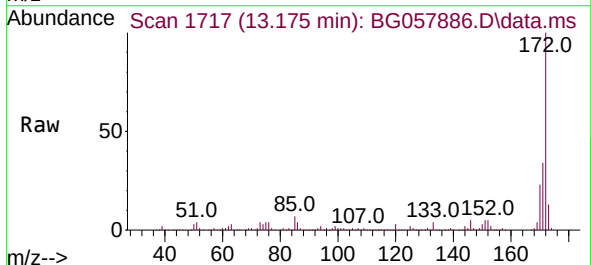
Instrument :
BNA_G
ClientSampleId :
FB02

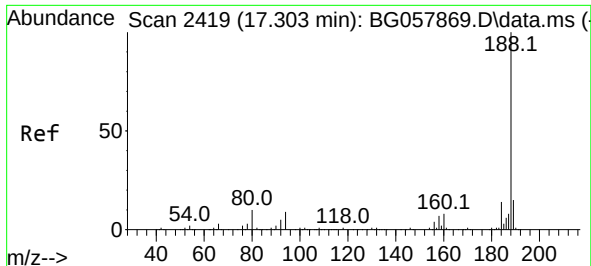
Tgt Ion:330 Resp: 273168
Ion Ratio Lower Upper
330 100
332 96.8 77.1 115.7
141 27.3 22.2 33.4



#45
2-Fluorobiphenyl
Concen: 88.774 ng
RT: 13.175 min Scan# 1717
Delta R.T. -0.009 min
Lab File: BG057886.D
Acq: 28 Jun 2023 10:25

Tgt Ion:172 Resp: 688768
Ion Ratio Lower Upper
172 100
171 34.4 27.8 41.8
170 22.6 18.6 27.8

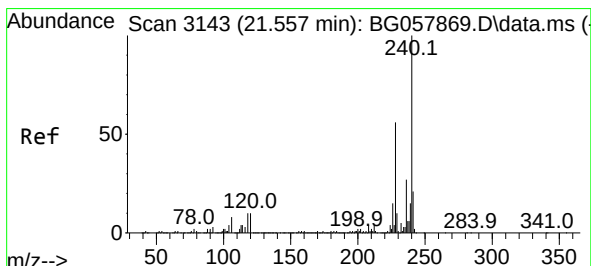
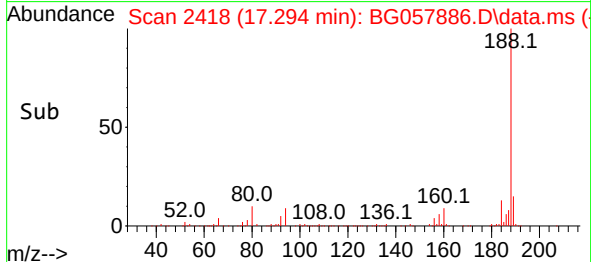
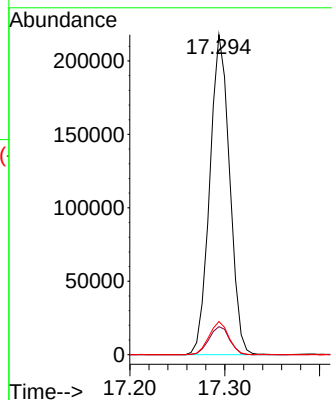
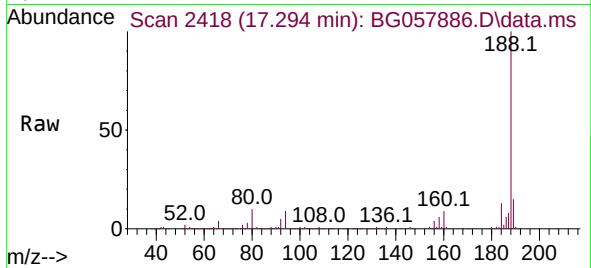




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.294 min Scan# 2419
Delta R.T. -0.009 min
Lab File: BG057886.D
Acq: 28 Jun 2023 10:25

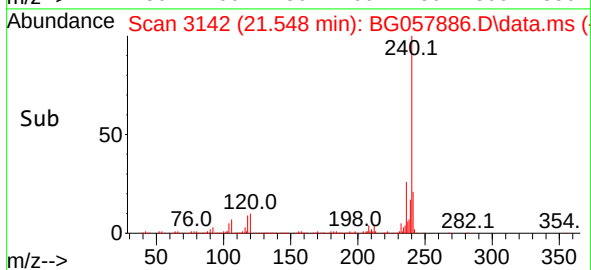
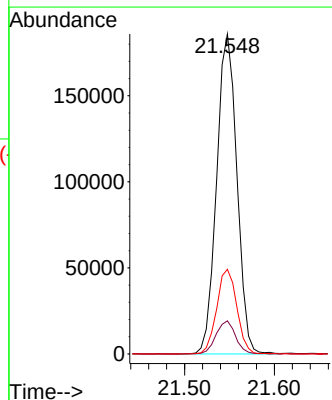
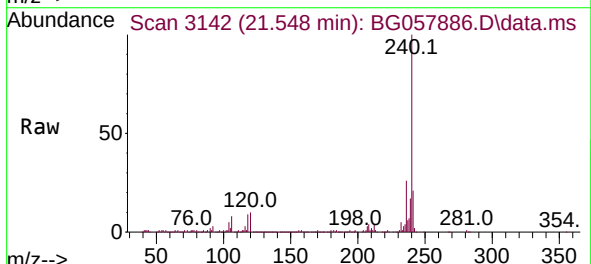
Instrument :
BNA_G
ClientSampleId :
FB02

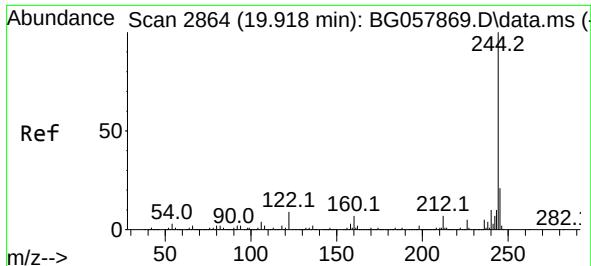
Tgt Ion:188 Resp: 317226
Ion Ratio Lower Upper
188 100
94 8.7 7.2 10.8
80 10.4 8.4 12.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.548 min Scan# 3142
Delta R.T. -0.009 min
Lab File: BG057886.D
Acq: 28 Jun 2023 10:25

Tgt Ion:240 Resp: 291526
Ion Ratio Lower Upper
240 100
120 10.3 8.1 12.1
236 26.5 21.9 32.9

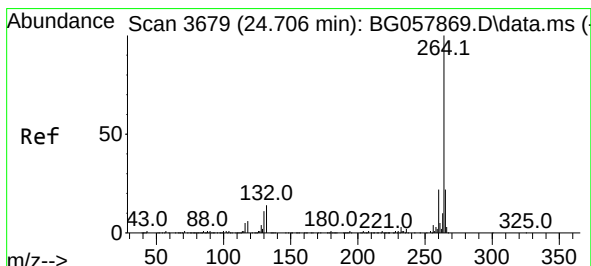
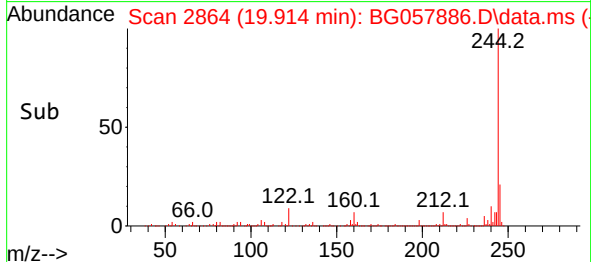
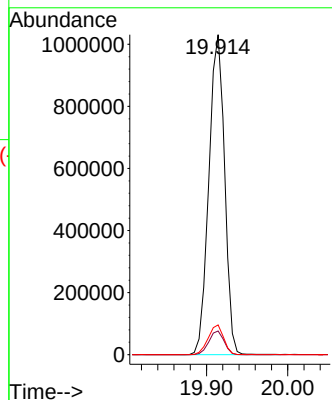
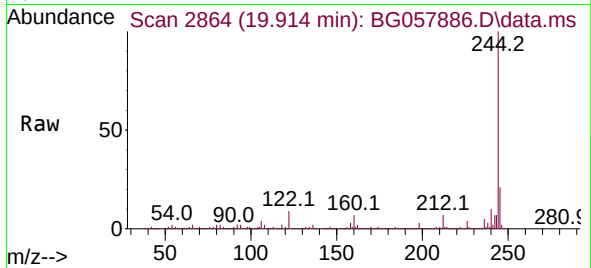




#79
 Terphenyl-d14
 Concen: 86.633 ng
 RT: 19.914 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG057886.D
 Acq: 28 Jun 2023 10:25

Instrument :
 BNA_G
 ClientSampleId :
 FB02

Tgt Ion:244 Resp: 1385323
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.9 8.9
 122 9.3 7.4 11.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.691 min Scan# 3677
 Delta R.T. -0.015 min
 Lab File: BG057886.D
 Acq: 28 Jun 2023 10:25

Tgt Ion:264 Resp: 361188
 Ion Ratio Lower Upper
 264 100
 260 23.0 17.8 26.8
 265 22.0 17.3 25.9

