

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062223\
 Data File : BG057828.D
 Acq On : 23 Jun 2023 4:36
 Operator : CG/JU
 Sample : 03320-16
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-16

Quant Time: Jun 23 06:04:54 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 03:40:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.924	152	50229	20.000	ng	0.00
21) Naphthalene-d8	10.727	136	219843	20.000	ng	0.00
39) Acenaphthene-d10	14.558	164	145320	20.000	ng	0.00
64) Phenanthrene-d10	17.301	188	316964	20.000	ng	0.00
76) Chrysene-d12	21.549	240	271605	20.000	ng	-0.01
86) Perylene-d12	24.704	264	337202	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	253203	77.727	ng	0.00
7) Phenol-d6	7.084	99	369615	74.360	ng	0.00
23) Nitrobenzene-d5	9.082	82	217222	50.712	ng	-0.01
42) 2,4,6-Tribromophenol	16.044	330	158771	78.433	ng	0.00
45) 2-Fluorobiphenyl	13.183	172	447291	46.685	ng	0.00
79) Terphenyl-d14	19.916	244	705714	48.450	ng	0.00

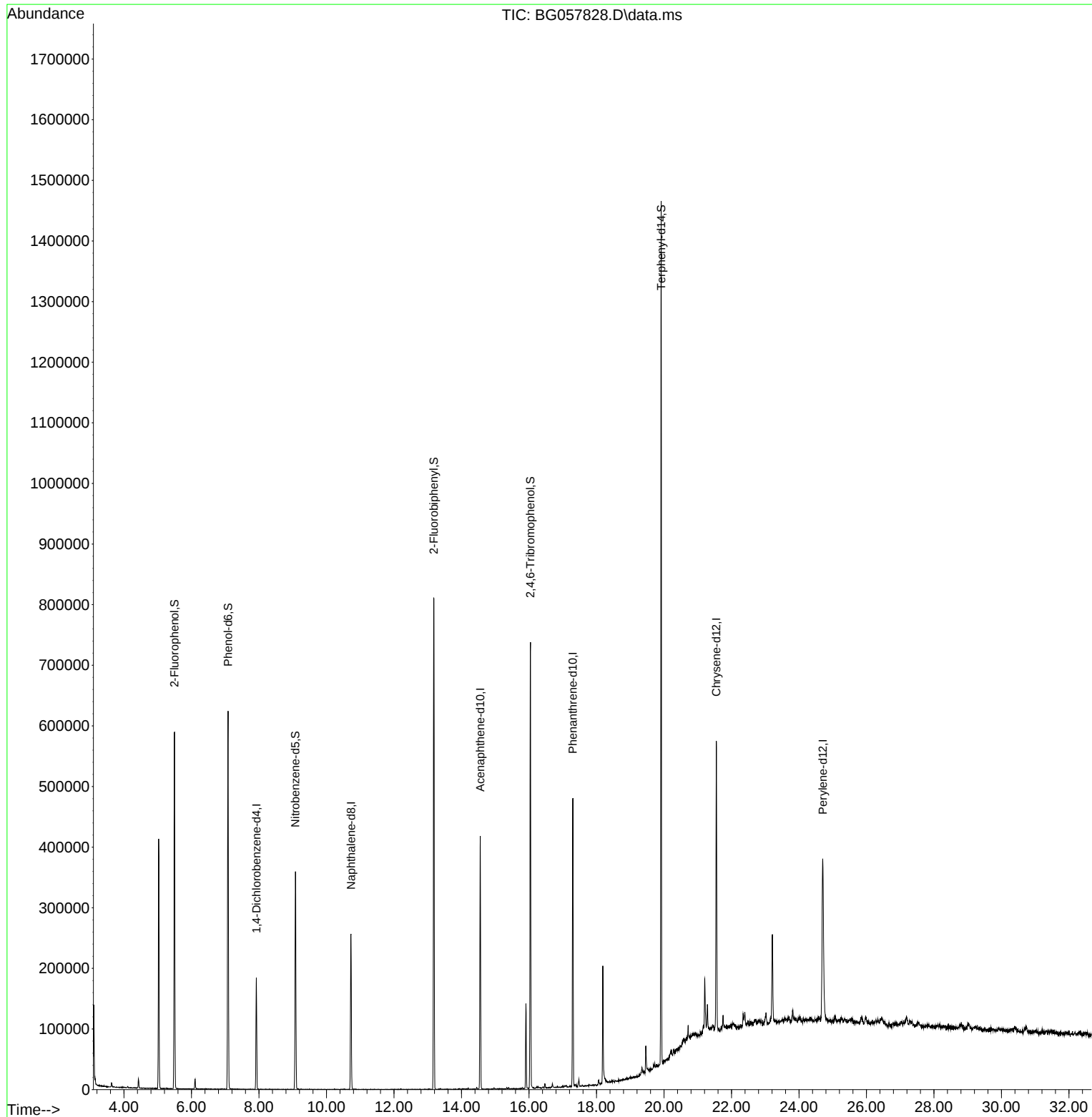
Target Compounds	Qvalue

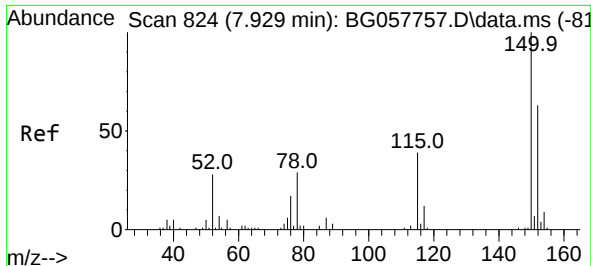
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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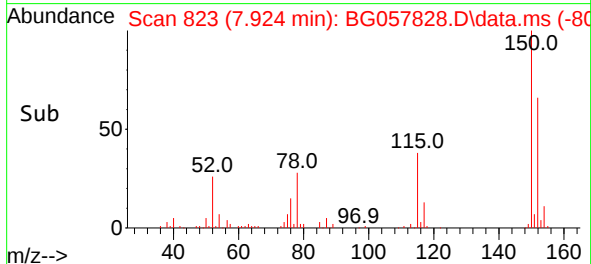
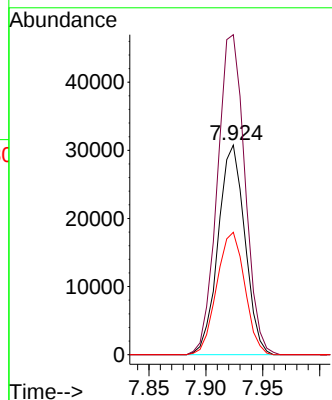
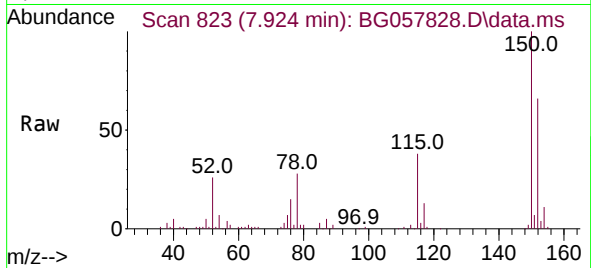




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.924 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG057828.D
Acq: 23 Jun 2023 4:36

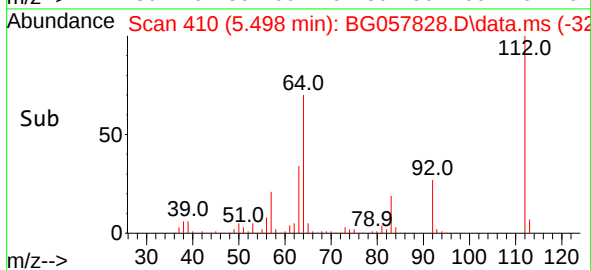
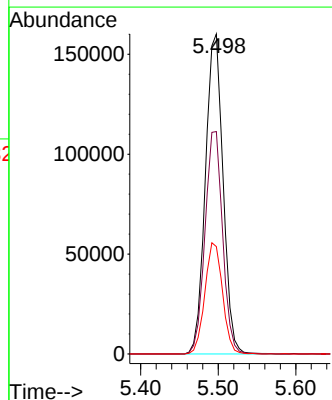
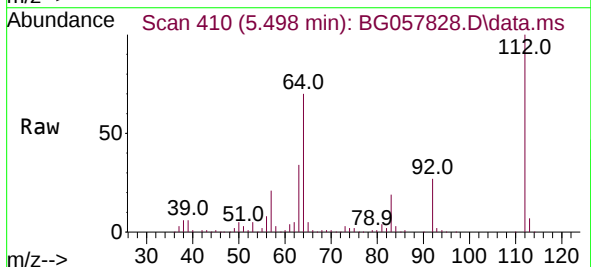
Instrument :
BNA_G
ClientSampleId :
WC-16

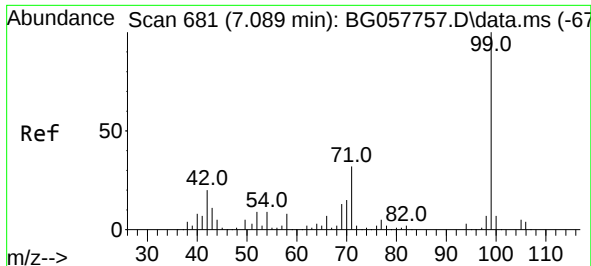
Tgt Ion:152 Resp: 50229
Ion Ratio Lower Upper
152 100
150 152.6 126.6 189.8
115 58.4 48.9 73.3



#5
2-Fluorophenol
Concen: 77.727 ng
RT: 5.498 min Scan# 410
Delta R.T. 0.001 min
Lab File: BG057828.D
Acq: 23 Jun 2023 4:36

Tgt Ion:112 Resp: 253203
Ion Ratio Lower Upper
112 100
64 69.5 62.1 93.1
63 33.6 31.5 47.3

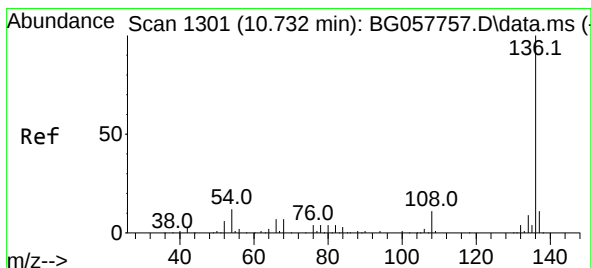
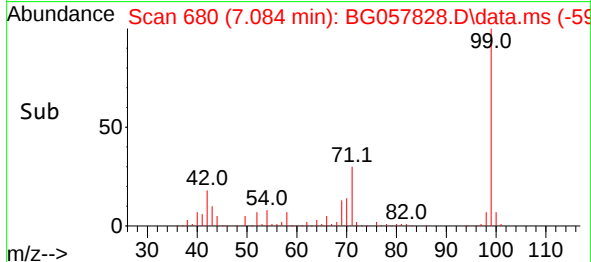
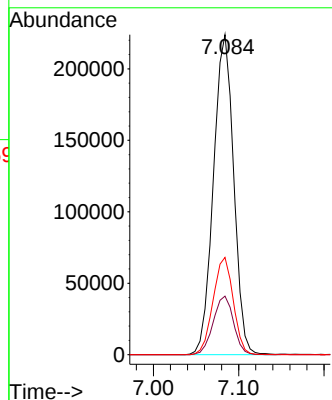
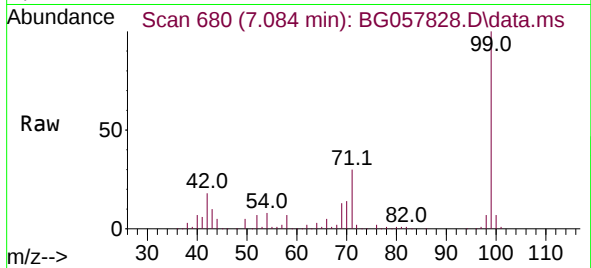




#7
Phenol-d6
Concen: 74.360 ng
RT: 7.084 min Scan# 61
Delta R.T. -0.005 min
Lab File: BG057828.D
Acq: 23 Jun 2023 4:36

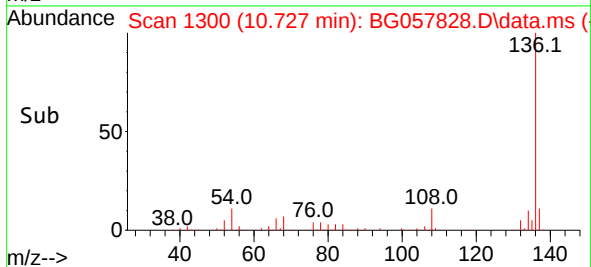
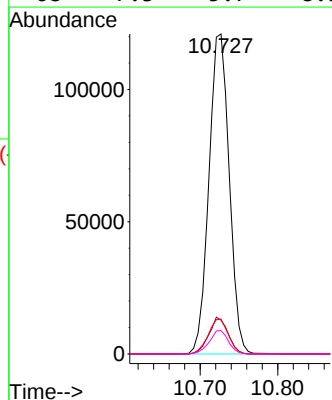
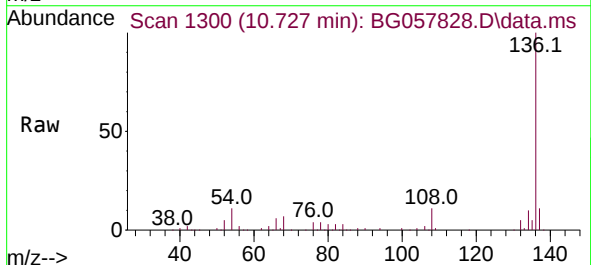
Instrument :
BNA_G
ClientSampleId :
WC-16

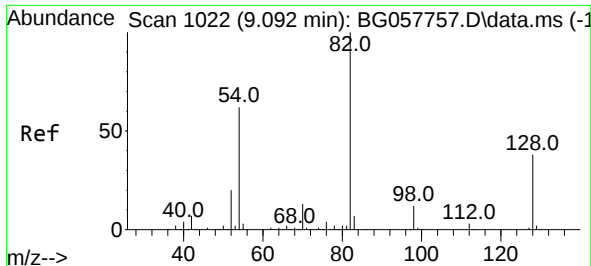
Tgt Ion: 99 Resp: 369615
Ion Ratio Lower Upper
99 100
42 18.3 16.4 24.6
71 30.4 25.8 38.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.727 min Scan# 1300
Delta R.T. -0.005 min
Lab File: BG057828.D
Acq: 23 Jun 2023 4:36

Tgt Ion: 136 Resp: 219843
Ion Ratio Lower Upper
136 100
137 10.5 8.5 12.7
54 10.9 9.5 14.3
68 7.3 5.7 8.5

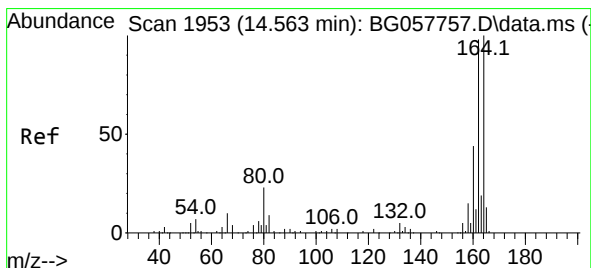
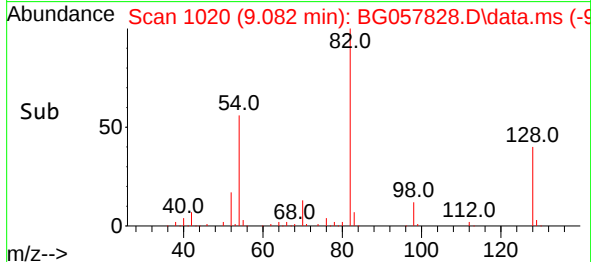
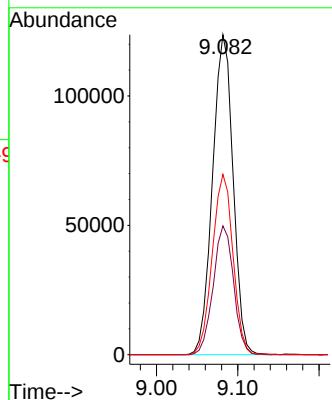
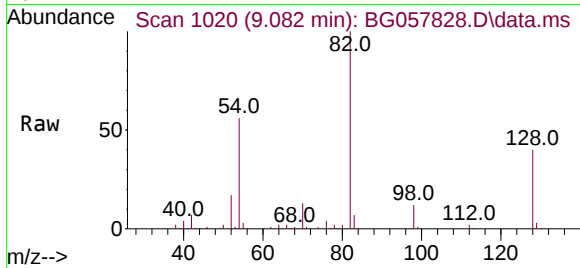




#23
Nitrobenzene-d5
Concen: 50.712 ng
RT: 9.082 min Scan# 1020
Delta R.T. -0.011 min
Lab File: BG057828.D
Acq: 23 Jun 2023 4:36

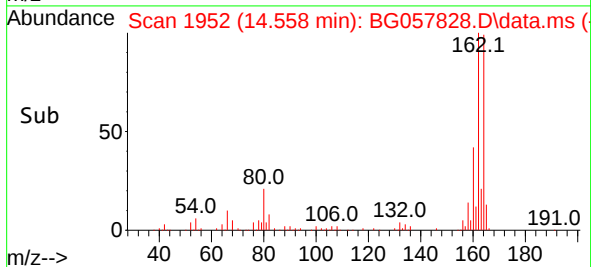
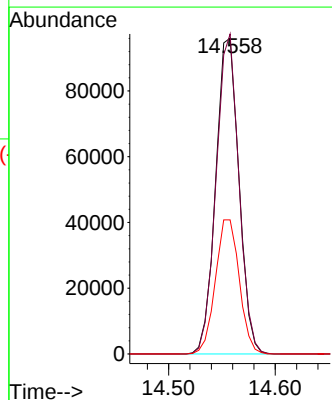
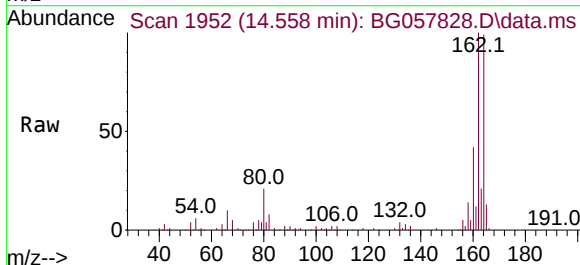
Instrument :
BNA_G
ClientSampleId :
WC-16

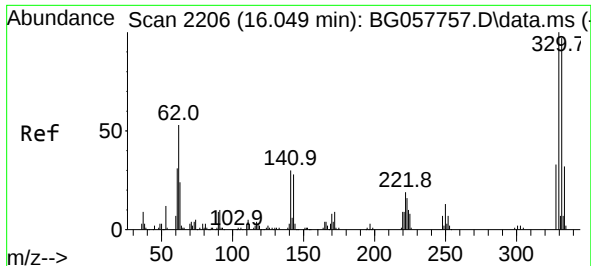
Tgt Ion: 82 Resp: 217222
Ion Ratio Lower Upper
82 100
128 40.3 30.7 46.1
54 56.4 49.6 74.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.558 min Scan# 1952
Delta R.T. -0.005 min
Lab File: BG057828.D
Acq: 23 Jun 2023 4:36

Tgt Ion:164 Resp: 145320
Ion Ratio Lower Upper
164 100
162 101.3 78.3 117.5
160 42.4 35.4 53.0

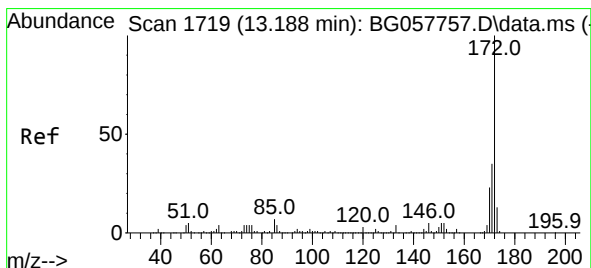
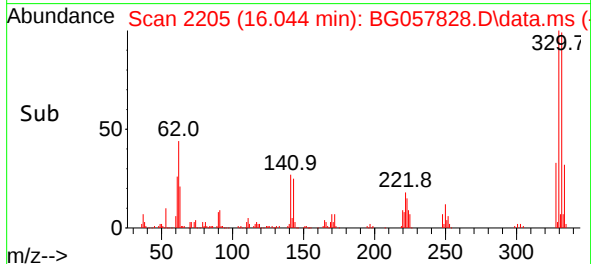
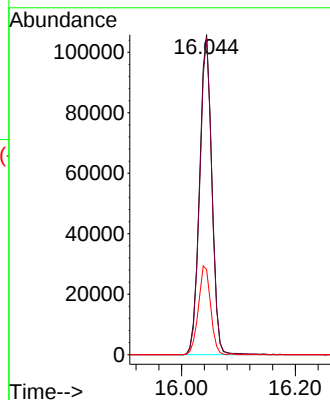
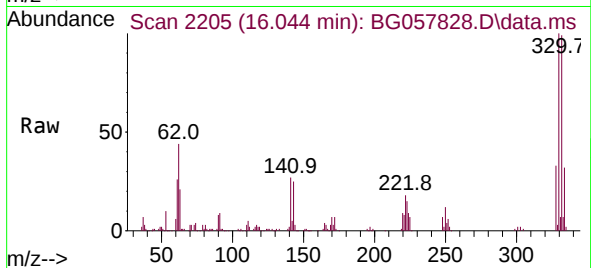




#42
2,4,6-Tribromophenol
Concen: 78.433 ng
RT: 16.044 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG057828.D
Acq: 23 Jun 2023 4:36

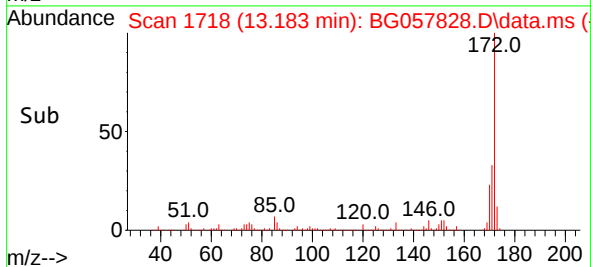
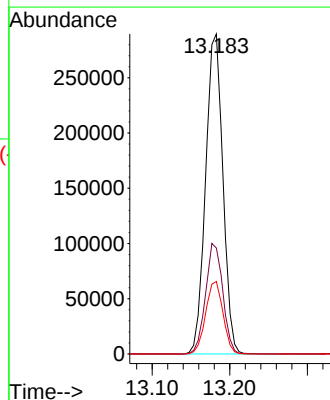
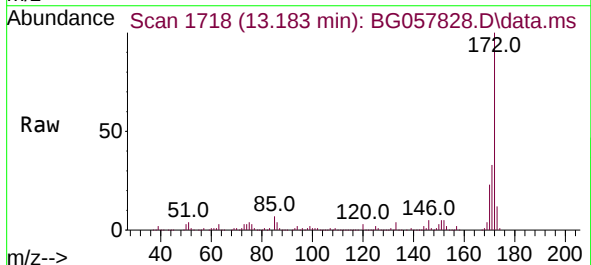
Instrument :
BNA_G
ClientSampleId :
WC-16

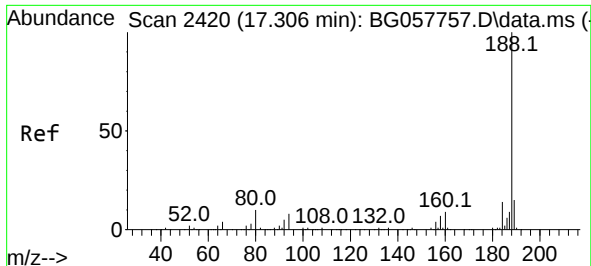
Tgt Ion:330 Resp: 158771
Ion Ratio Lower Upper
330 100
332 97.8 76.6 115.0
141 27.6 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 46.685 ng
RT: 13.183 min Scan# 1718
Delta R.T. -0.005 min
Lab File: BG057828.D
Acq: 23 Jun 2023 4:36

Tgt Ion:172 Resp: 447291
Ion Ratio Lower Upper
172 100
171 33.1 28.1 42.1
170 22.7 18.6 27.8

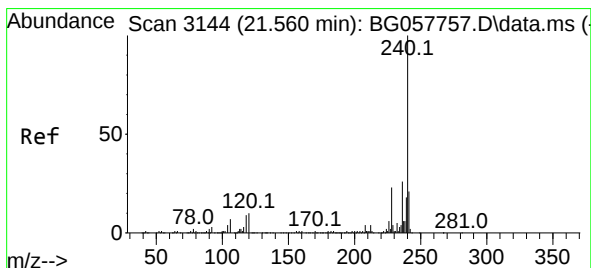
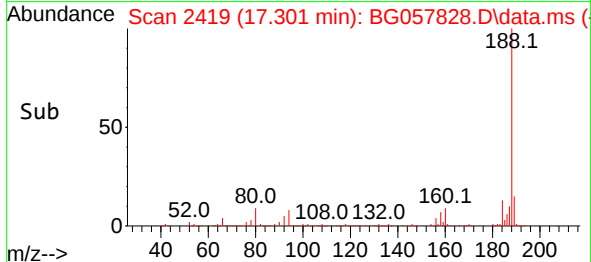
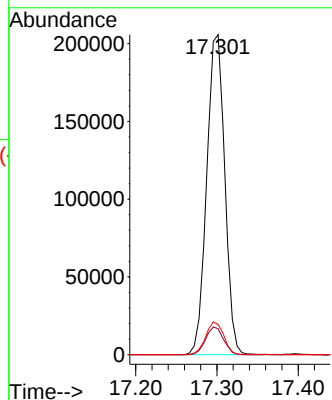
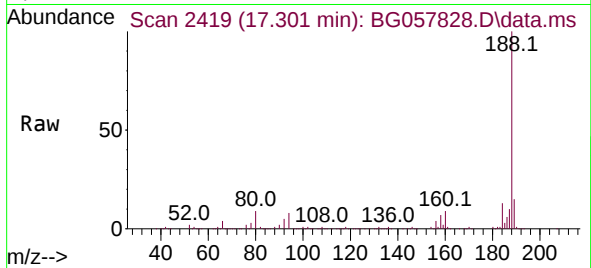




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.301 min Scan# 2419
Delta R.T. -0.005 min
Lab File: BG057828.D
Acq: 23 Jun 2023 4:36

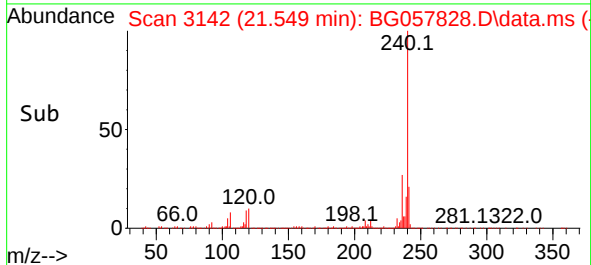
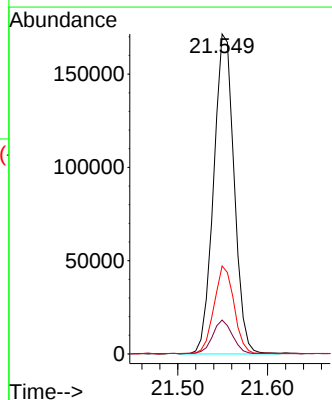
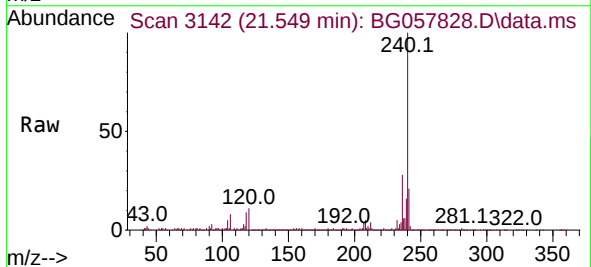
Instrument :
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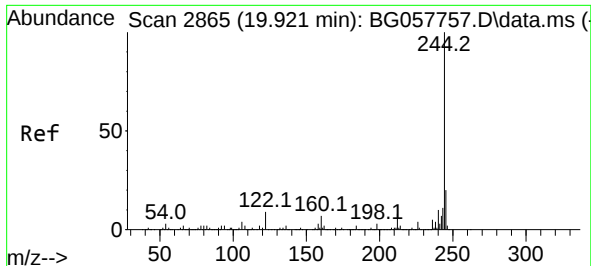
Tgt Ion:188 Resp: 316964
Ion Ratio Lower Upper
188 100
94 8.1 6.6 9.8
80 9.5 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.549 min Scan# 3142
Delta R.T. -0.011 min
Lab File: BG057828.D
Acq: 23 Jun 2023 4:36

Tgt Ion:240 Resp: 271605
Ion Ratio Lower Upper
240 100
120 10.6 8.1 12.1
236 27.5 20.6 30.8

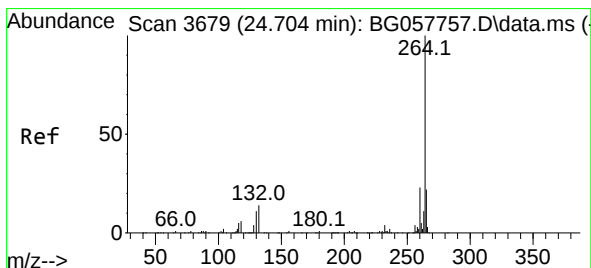
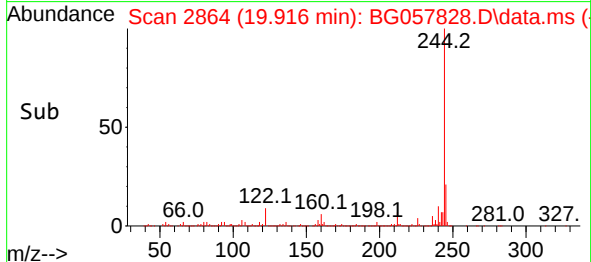
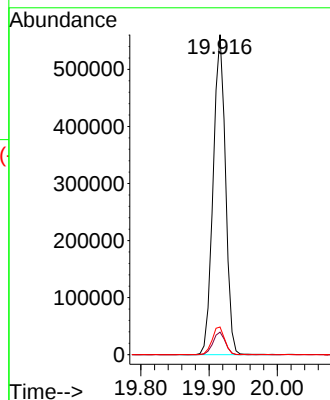
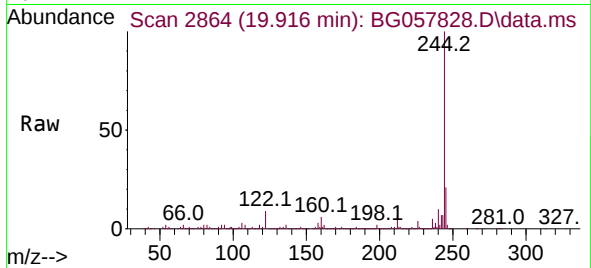




#79
 Terphenyl-d14
 Concen: 48.450 ng
 RT: 19.916 min Scan# 2864
 Delta R.T. -0.005 min
 Lab File: BG057828.D
 Acq: 23 Jun 2023 4:36

Instrument :
 BNA_G
 ClientSampleId :
 WC-16

Tgt Ion:244 Resp: 705714
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.1 9.1
 122 8.7 7.6 11.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.704 min Scan# 3679
 Delta R.T. 0.001 min
 Lab File: BG057828.D
 Acq: 23 Jun 2023 4:36

Tgt Ion:264 Resp: 337202
 Ion Ratio Lower Upper
 264 100
 260 22.1 18.5 27.7
 265 21.0 17.4 26.2

