

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042523\
 Data File : BG057175.D
 Acq On : 25 Apr 2023 13:57
 Operator : CG/JU
 Sample : 02407-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NORTH-ST-&-BAY-AVE-INTERSECTION

Quant Time: Apr 26 00:22:31 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 25 04:59:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.381	152	17987	20.000	ng	0.00
21) Naphthalene-d8	11.218	136	70072	20.000	ng	0.00
39) Acenaphthene-d10	14.996	164	51383	20.000	ng	0.00
64) Phenanthrene-d10	17.733	188	135223	20.000	ng	0.00
76) Chrysene-d12	22.045	240	128097	20.000	ng	-0.02
86) Perylene-d12	25.558	264	130530	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.896	112	147993	149.102	ng	0.00
7) Phenol-d6	7.518	99	201546	140.342	ng	0.00
23) Nitrobenzene-d5	9.556	82	145221	102.455	ng	0.00
42) 2,4,6-Tribromophenol	16.476	330	95126	140.313	ng	0.00
45) 2-Fluorobiphenyl	13.621	172	330409	86.418	ng	0.00
79) Terphenyl-d14	20.300	244	740592	101.125	ng	-0.02

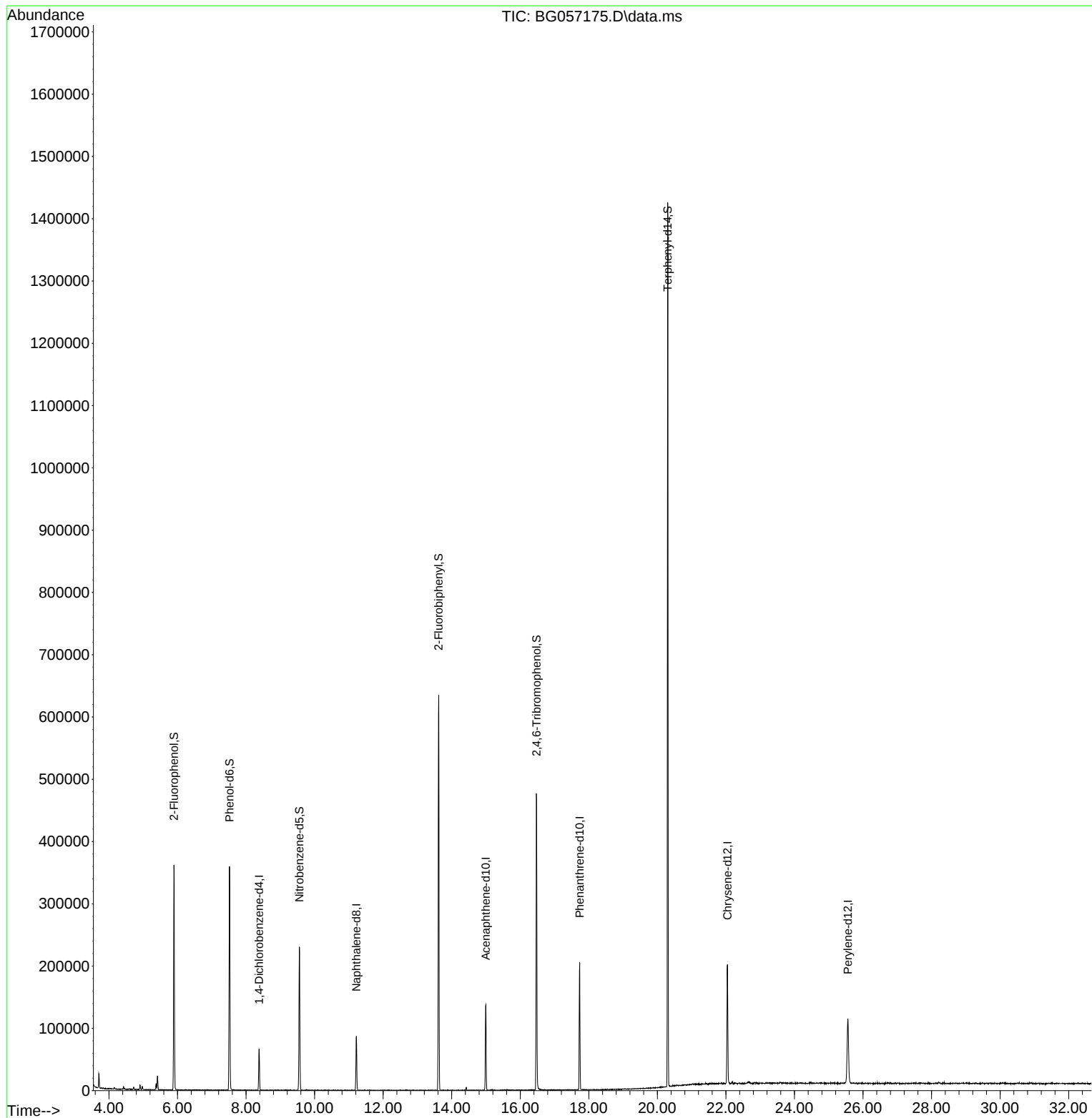
Target Compounds	Qvalue

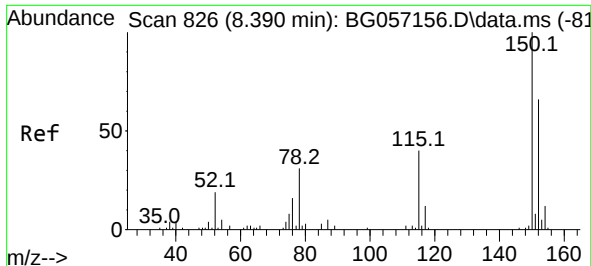
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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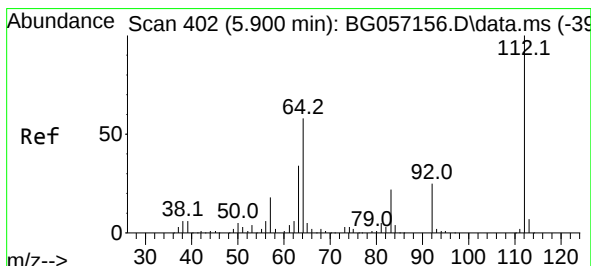
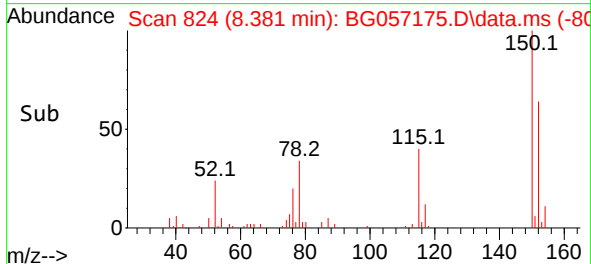
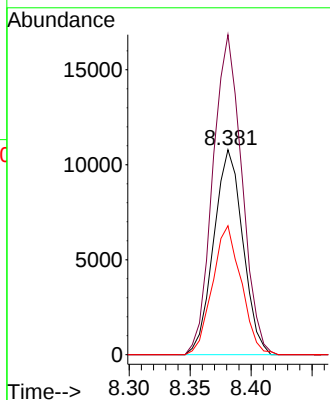
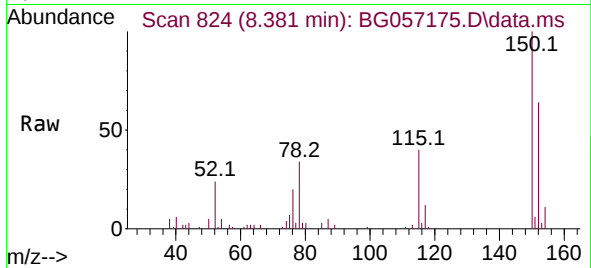




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.381 min Scan# 81
Delta R.T. -0.009 min
Lab File: BG057175.D
Acq: 25 Apr 2023 13:57

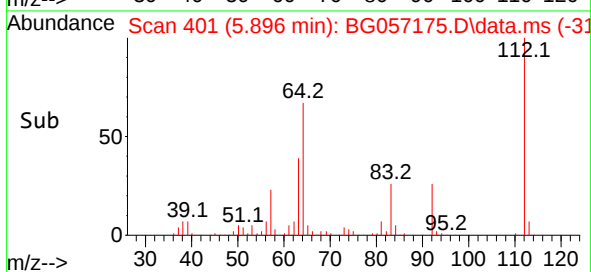
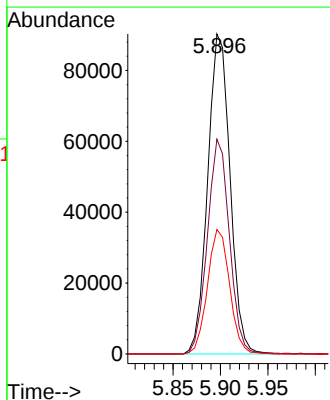
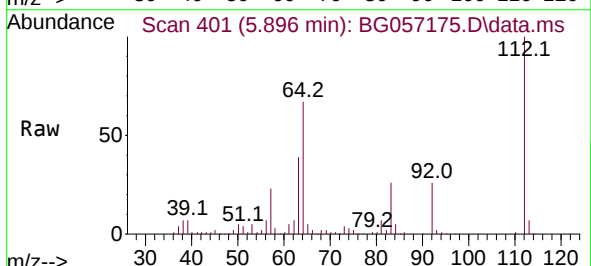
Instrument :
BNA_G
ClientSampleId :
NORTH-ST-&-BAY-AVE-INTERSECTION

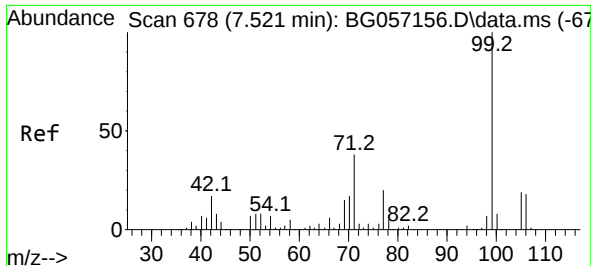
Tgt Ion:152 Resp: 17987
Ion Ratio Lower Upper
152 100
150 156.1 121.4 182.2
115 62.9 48.1 72.1



#5
2-Fluorophenol
Concen: 149.102 ng
RT: 5.896 min Scan# 401
Delta R.T. -0.003 min
Lab File: BG057175.D
Acq: 25 Apr 2023 13:57

Tgt Ion:112 Resp: 147993
Ion Ratio Lower Upper
112 100
64 67.1 46.7 70.1
63 38.9 26.9 40.3

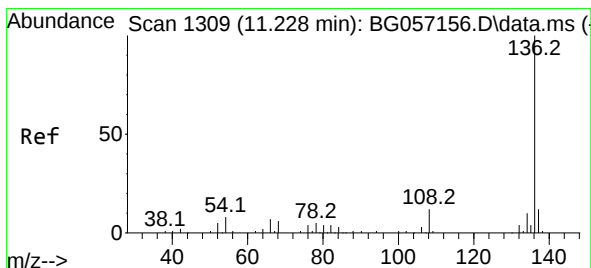
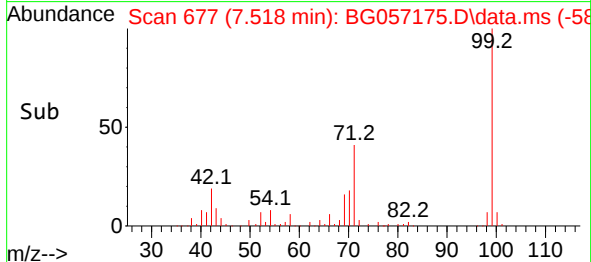
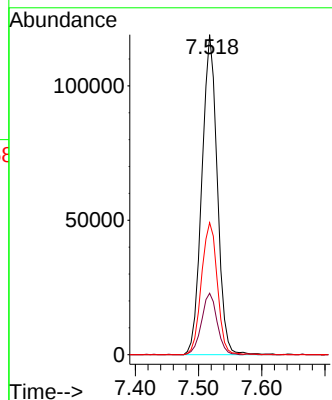
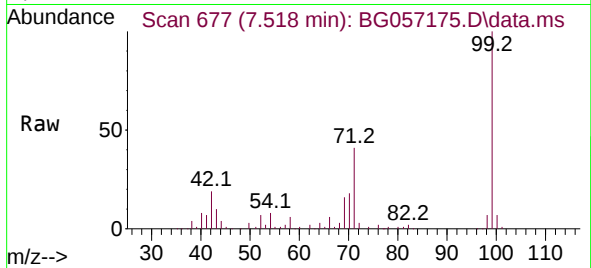




#7
Phenol-d6
Concen: 140.342 ng
RT: 7.518 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG057175.D
Acq: 25 Apr 2023 13:57

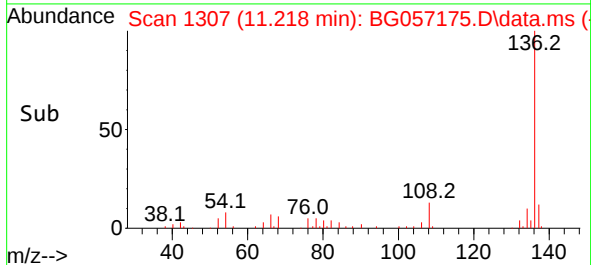
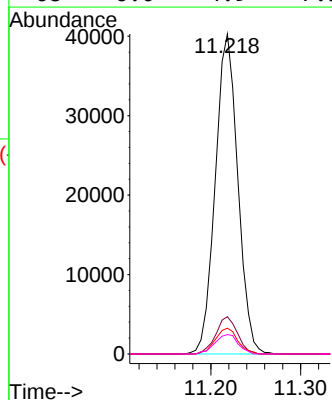
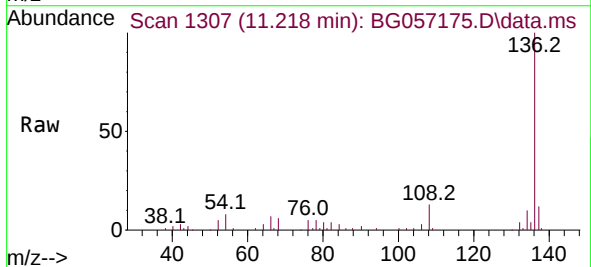
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ClientSampleId :
NORTH-ST-&-BAY-AVE-INTERSECTION

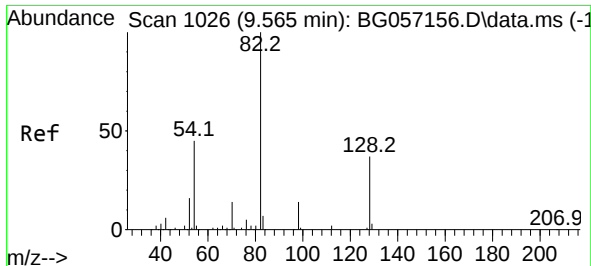
Tgt Ion: 99 Resp: 201546
Ion Ratio Lower Upper
99 100
42 19.2 13.4 20.0
71 41.3 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.218 min Scan# 1307
Delta R.T. -0.009 min
Lab File: BG057175.D
Acq: 25 Apr 2023 13:57

Tgt Ion: 136 Resp: 70072
Ion Ratio Lower Upper
136 100
137 11.7 9.5 14.3
54 8.0 6.4 9.6
68 6.0 4.9 7.3

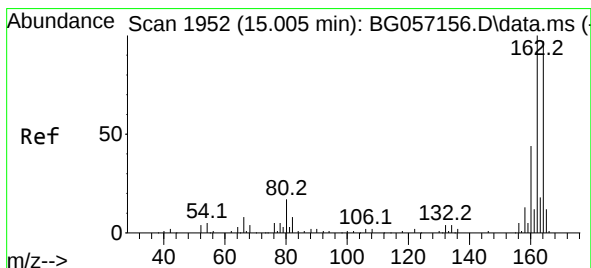
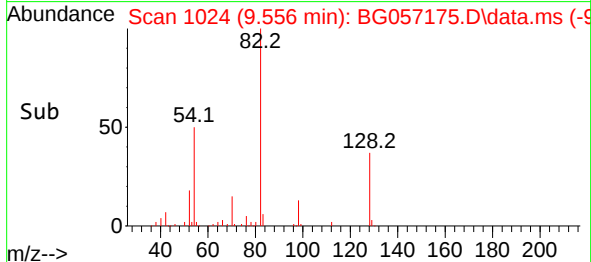
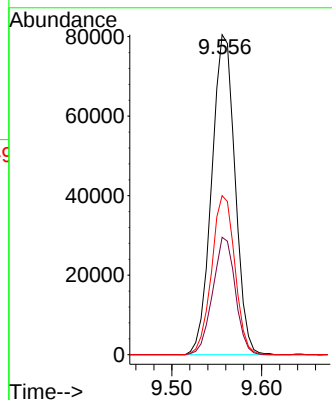
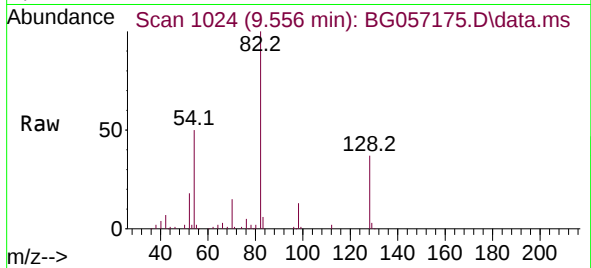




#23
Nitrobenzene-d5
Concen: 102.455 ng
RT: 9.556 min Scan# 1026
Delta R.T. -0.009 min
Lab File: BG057175.D
Acq: 25 Apr 2023 13:57

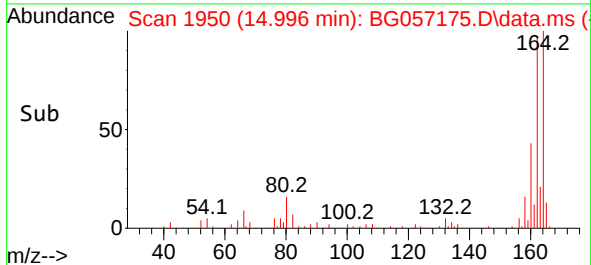
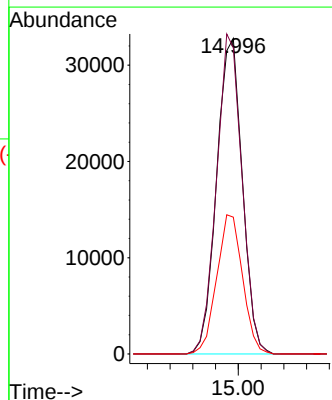
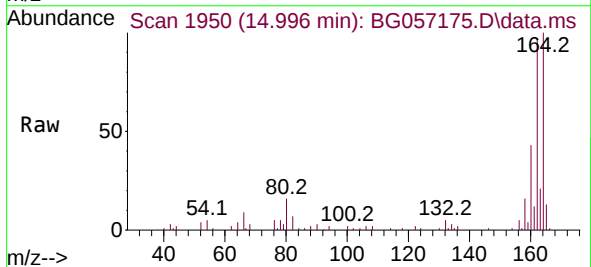
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NORTH-ST-&-BAY-AVE-INTERSECTION

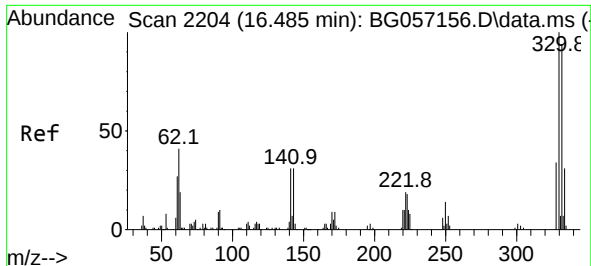
Tgt Ion: 82 Resp: 145221
Ion Ratio Lower Upper
82 100
128 36.7 29.4 44.2
54 49.7 36.2 54.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.996 min Scan# 1950
Delta R.T. -0.009 min
Lab File: BG057175.D
Acq: 25 Apr 2023 13:57

Tgt Ion:164 Resp: 51383
Ion Ratio Lower Upper
164 100
162 97.0 82.4 123.6
160 43.4 36.2 54.2

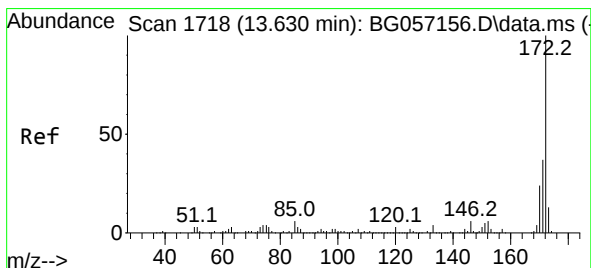
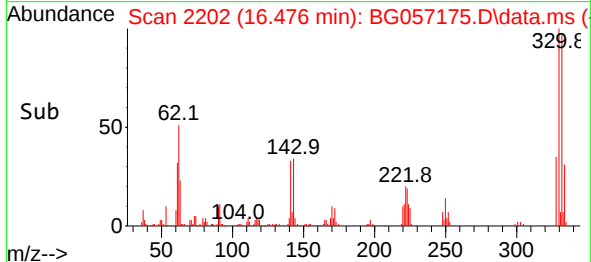
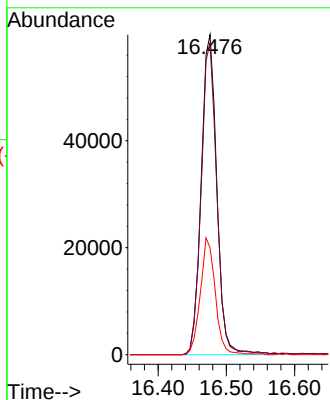
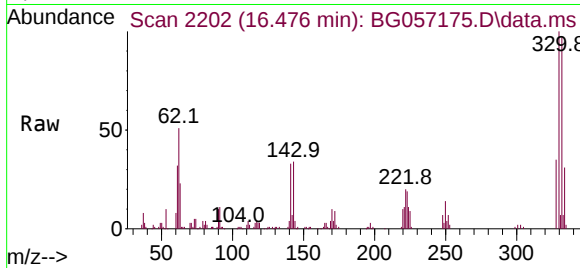




#42
2,4,6-Tribromophenol
Concen: 140.313 ng
RT: 16.476 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG057175.D
Acq: 25 Apr 2023 13:57

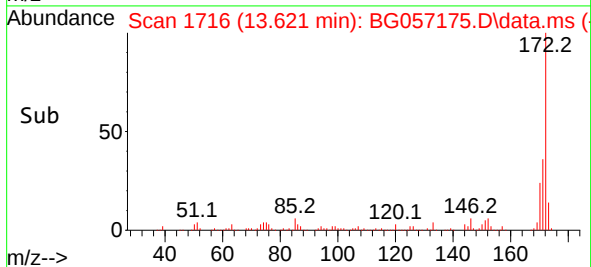
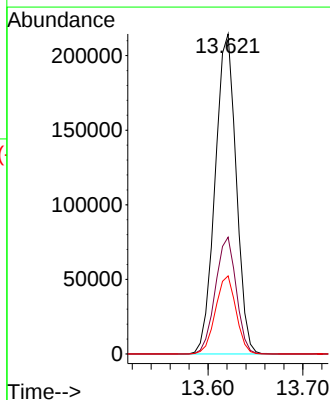
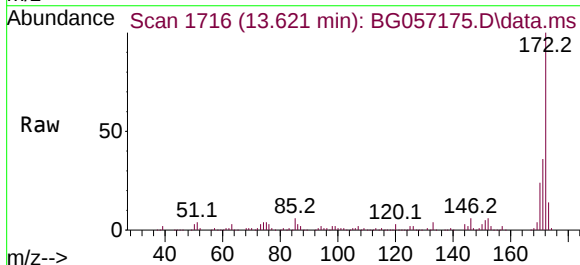
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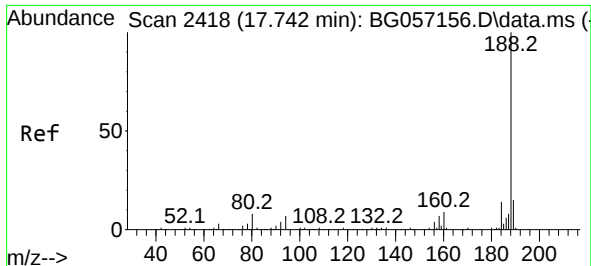
Tgt Ion:330 Resp: 95126
Ion Ratio Lower Upper
330 100
332 97.6 77.6 116.4
141 35.1 26.0 39.0



#45
2-Fluorobiphenyl
Concen: 86.418 ng
RT: 13.621 min Scan# 1716
Delta R.T. -0.009 min
Lab File: BG057175.D
Acq: 25 Apr 2023 13:57

Tgt Ion:172 Resp: 330409
Ion Ratio Lower Upper
172 100
171 36.5 29.2 43.8
170 24.4 19.4 29.2

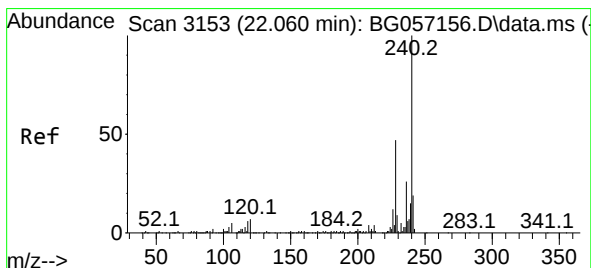
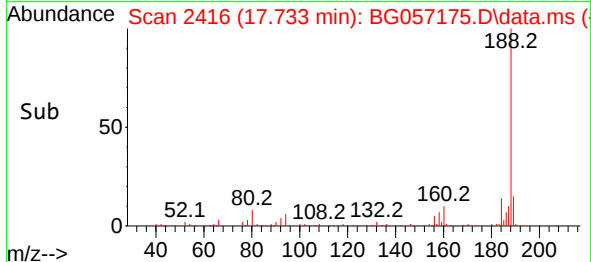
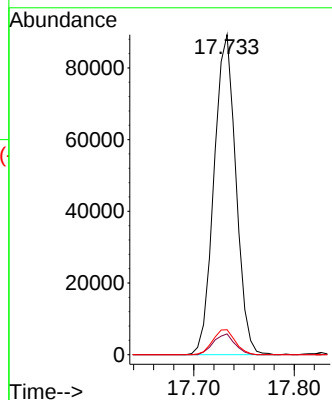
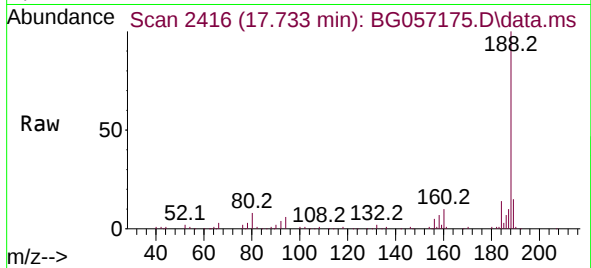




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.733 min Scan# 2418
Delta R.T. -0.009 min
Lab File: BG057175.D
Acq: 25 Apr 2023 13:57

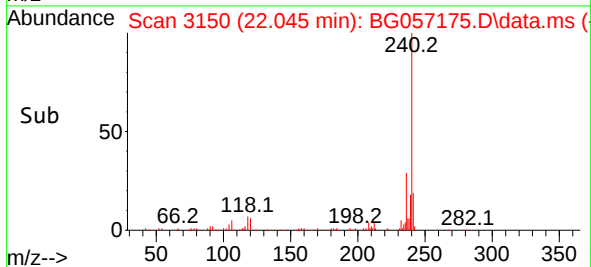
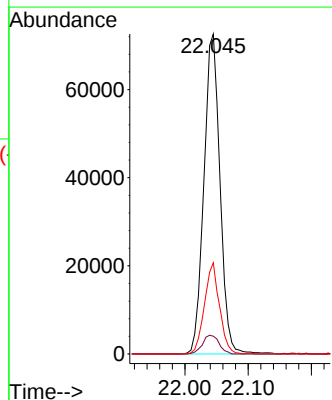
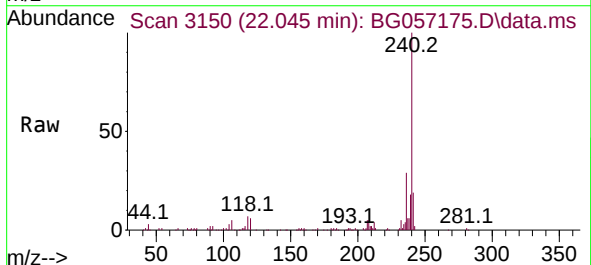
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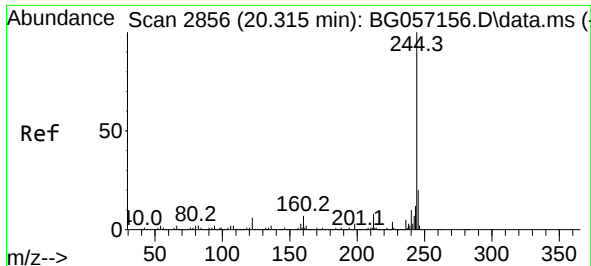
Tgt Ion:188 Resp: 135223
Ion Ratio Lower Upper
188 100
94 6.5 5.4 8.0
80 7.8 6.2 9.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.045 min Scan# 3150
Delta R.T. -0.015 min
Lab File: BG057175.D
Acq: 25 Apr 2023 13:57

Tgt Ion:240 Resp: 128097
Ion Ratio Lower Upper
240 100
120 5.5 5.5 8.3
236 28.5 20.8 31.2

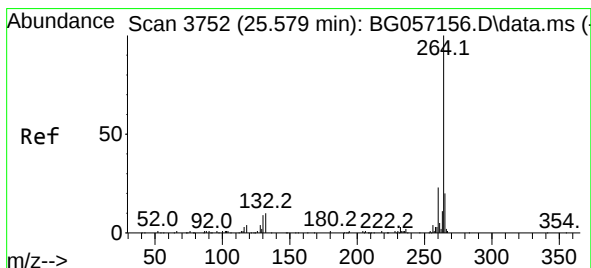
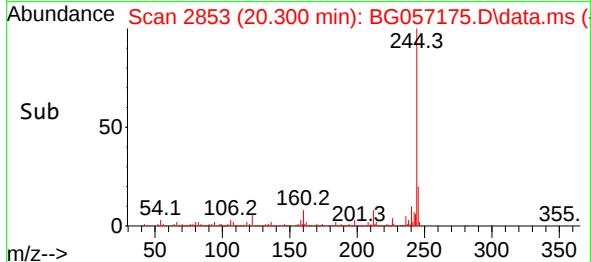
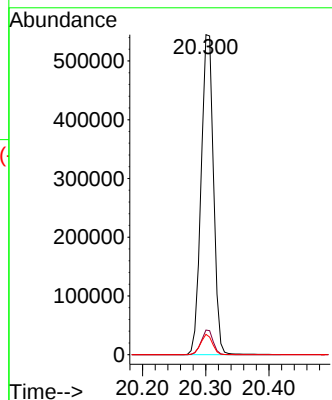
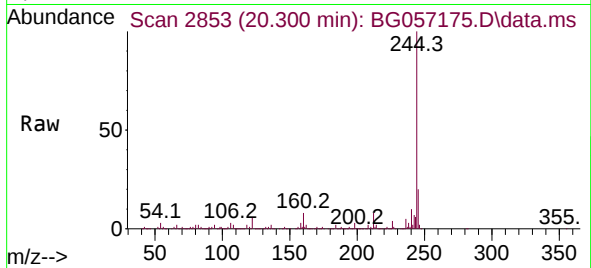




#79
 Terphenyl-d14
 Concen: 101.125 ng
 RT: 20.300 min Scan# 21
 Delta R.T. -0.015 min
 Lab File: BG057175.D
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Tgt Ion:244 Resp: 740592
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.0 9.0
 122 6.4 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.558 min Scan# 3748
 Delta R.T. -0.021 min
 Lab File: BG057175.D
 Acq: 25 Apr 2023 13:57

Tgt Ion:264 Resp: 130530
 Ion Ratio Lower Upper
 264 100
 260 24.8 18.8 28.2
 265 20.8 16.4 24.6

