

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042222\
 Data File : BG053265.D
 Acq On : 22 Apr 2022 17:35
 Operator : CG/JU
 Sample : N2487-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 UST-1-N

Quant Time: Apr 24 01:15:45 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Apr 24 01:13:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.111	152	23259	20.000	ng	0.00
21) Naphthalene-d8	10.919	136	92661	20.000	ng	0.00
39) Acenaphthene-d10	14.731	164	73620	20.000	ng	0.00
64) Phenanthrene-d10	17.475	188	192063	20.000	ng	0.00
76) Chrysene-d12	21.763	240	204230	20.000	ng	0.00
86) Perylene-d12	25.053	264	207707	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.673	112	208951	153.996	ng	0.00
7) Phenol-d6	7.271	99	313353	149.757	ng	0.00
23) Nitrobenzene-d5	9.268	82	222137	97.339	ng	0.00
42) 2,4,6-Tribromophenol	16.223	330	182299	155.643	ng	0.00
45) 2-Fluorobiphenyl	13.357	172	474022	88.784	ng	0.00
79) Terphenyl-d14	20.083	244	984171	81.387	ng	0.00

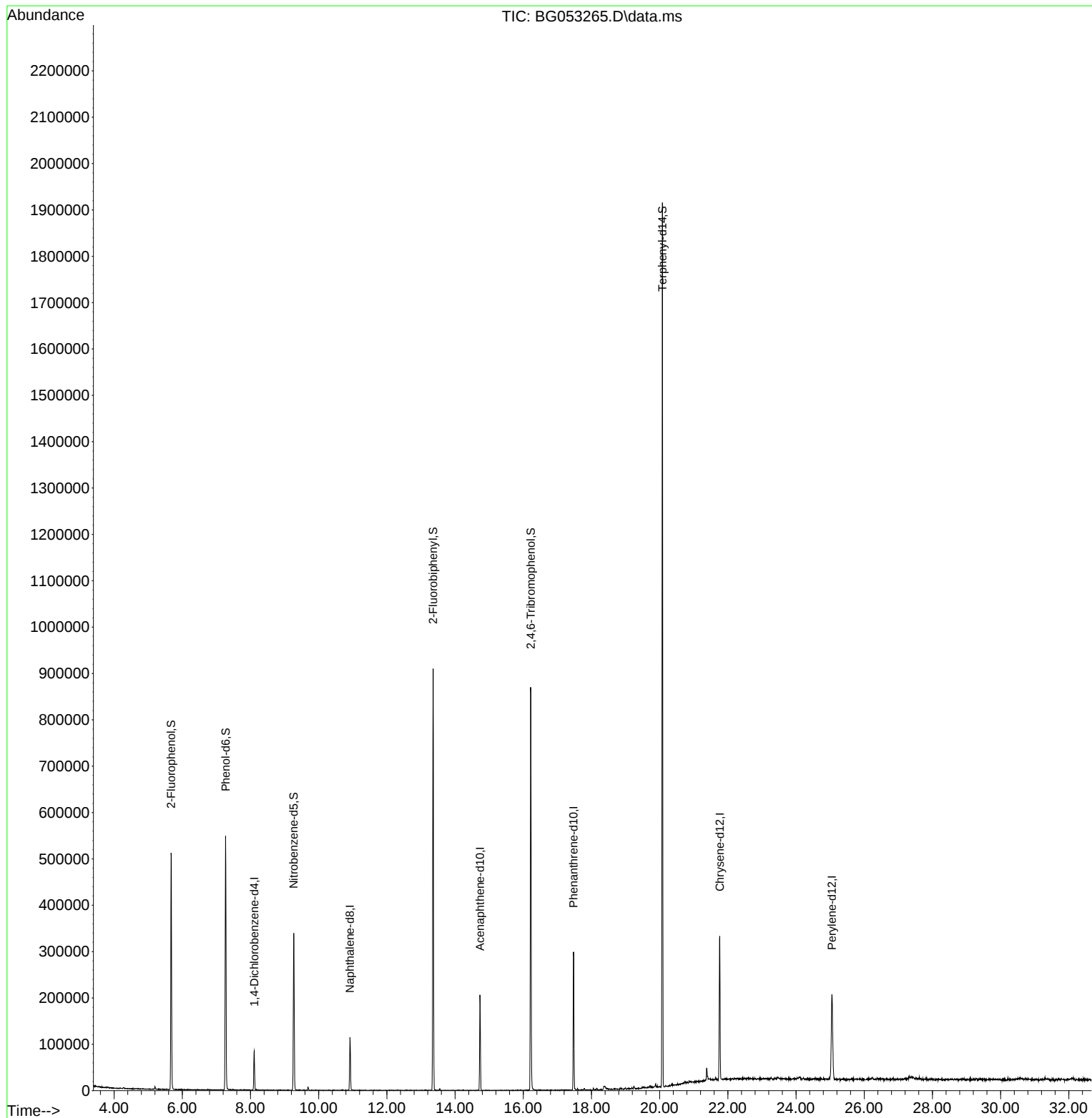
Target Compounds	Qvalue

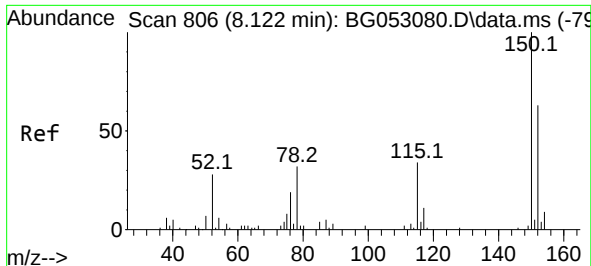
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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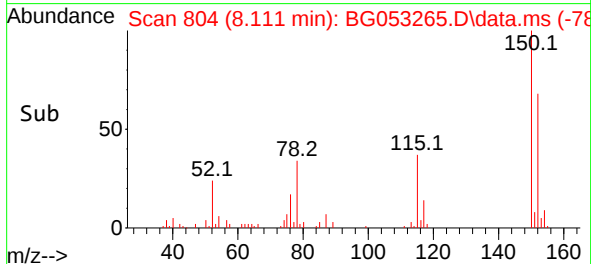
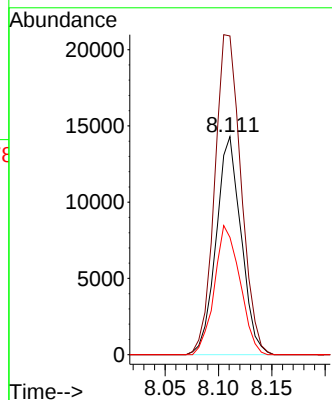
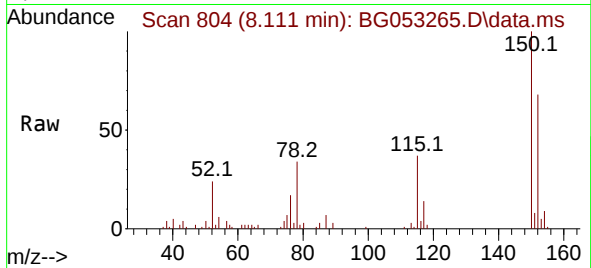




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.111 min Scan# 806
Delta R.T. -0.002 min
Lab File: BG053265.D
Acq: 22 Apr 2022 17:35

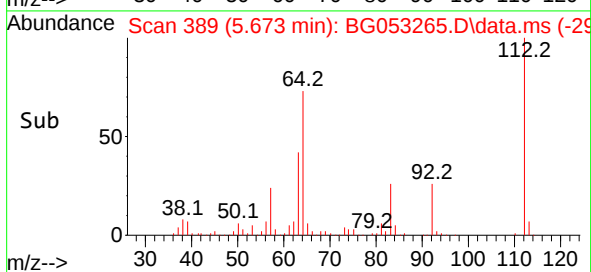
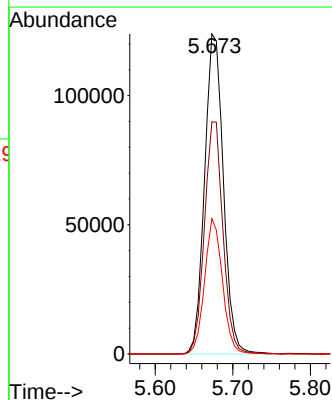
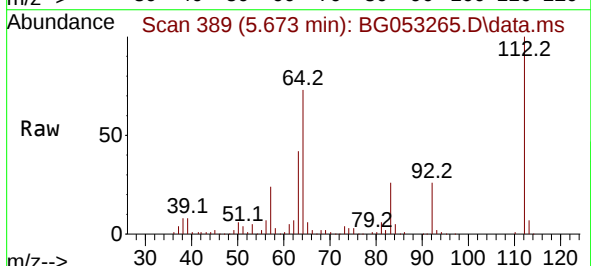
Instrument :
BNA_G
ClientSampleId :
UST-1-N

Tgt Ion:152 Resp: 23259
Ion Ratio Lower Upper
152 100
150 146.1 114.6 172.0
115 53.8 45.9 68.9



#5
2-Fluorophenol
Concen: 153.996 ng
RT: 5.673 min Scan# 389
Delta R.T. -0.003 min
Lab File: BG053265.D
Acq: 22 Apr 2022 17:35

Tgt Ion:112 Resp: 208951
Ion Ratio Lower Upper
112 100
64 72.5 48.0 72.0#
63 42.3 26.5 39.7#

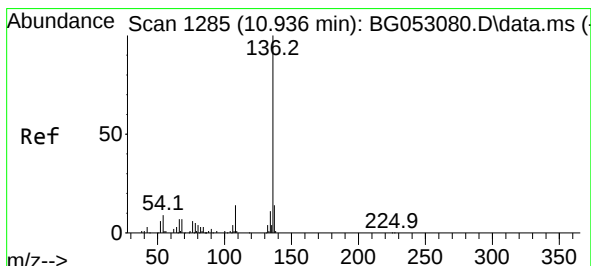
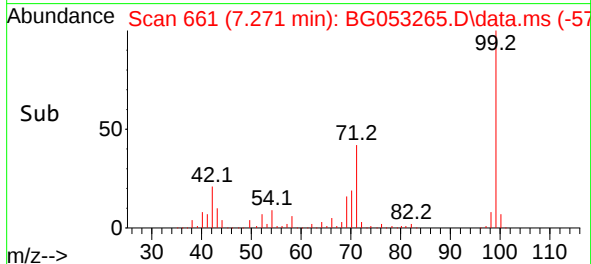
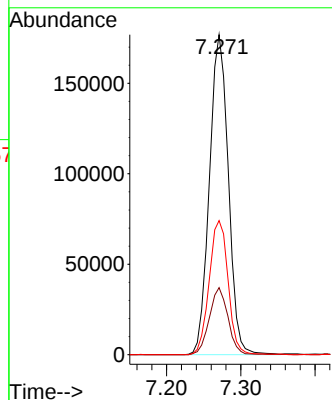
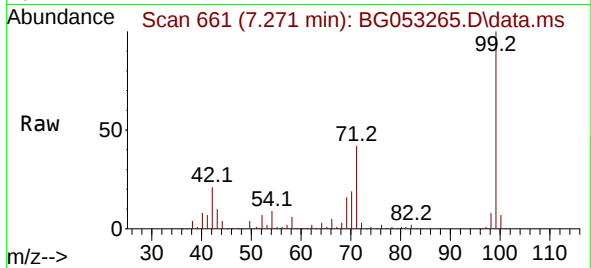




#7
Phenol-d6
Concen: 149.757 ng
RT: 7.271 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG053265.D
Acq: 22 Apr 2022 17:35

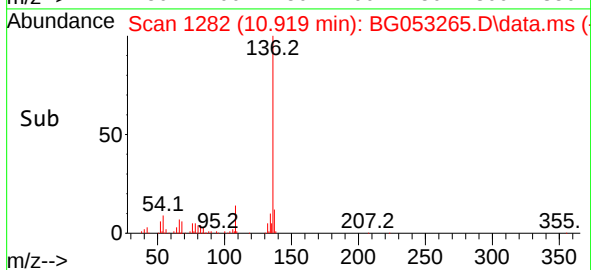
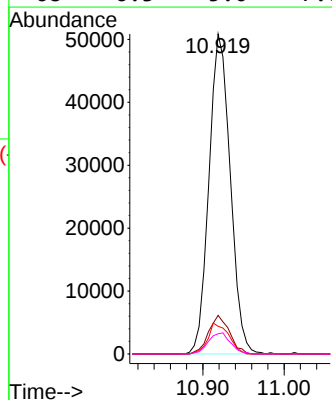
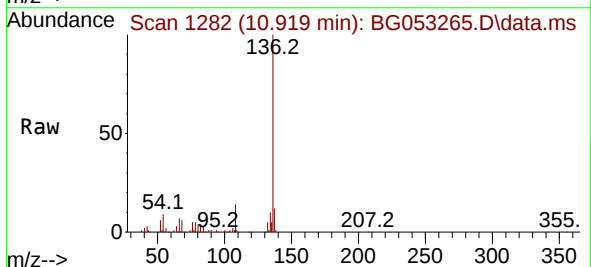
Instrument :
BNA_G
ClientSampleId :
UST-1-N

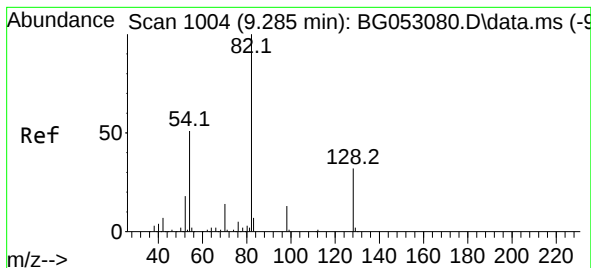
Tgt Ion: 99 Resp: 313353
Ion Ratio Lower Upper
99 100
42 20.9 14.7 22.1
71 41.9 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.919 min Scan# 1282
Delta R.T. -0.003 min
Lab File: BG053265.D
Acq: 22 Apr 2022 17:35

Tgt Ion: 136 Resp: 92661
Ion Ratio Lower Upper
136 100
137 12.0 9.4 14.2
54 8.7 6.4 9.6
68 6.3 5.0 7.6





#23

Nitrobenzene-d5

Concen: 97.339 ng

RT: 9.268 min Scan# 1001

Delta R.T. -0.009 min

Lab File: BG053265.D

Acq: 22 Apr 2022 17:35

Instrument :

BNA_G

ClientSampleId :

UST-1-N

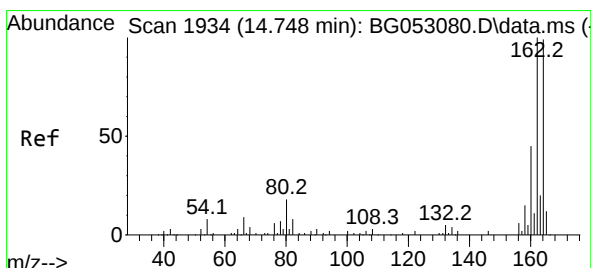
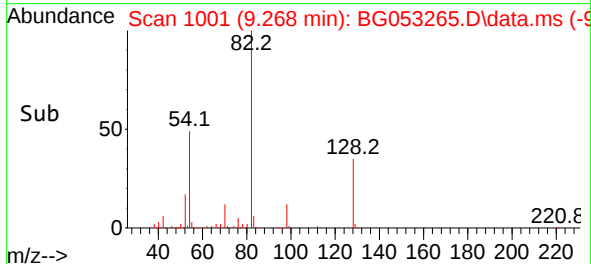
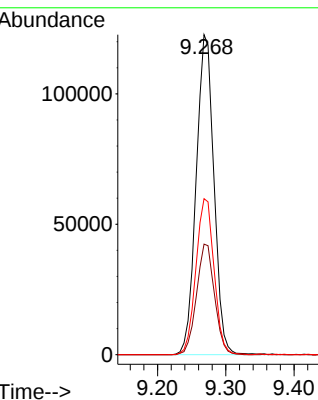
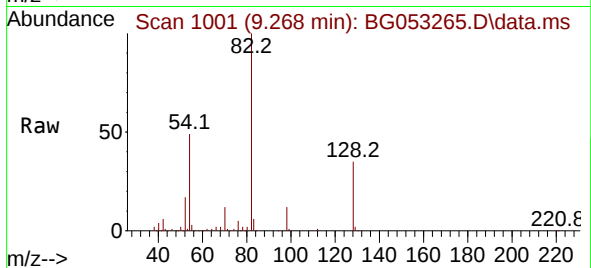
Tgt Ion: 82 Resp: 222137

Ion Ratio Lower Upper

82 100

128 34.6 31.3 46.9

54 48.7 37.8 56.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.731 min Scan# 1931

Delta R.T. -0.003 min

Lab File: BG053265.D

Acq: 22 Apr 2022 17:35

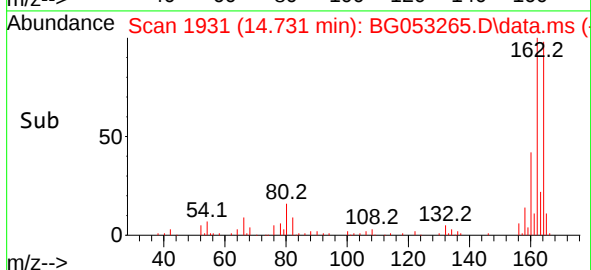
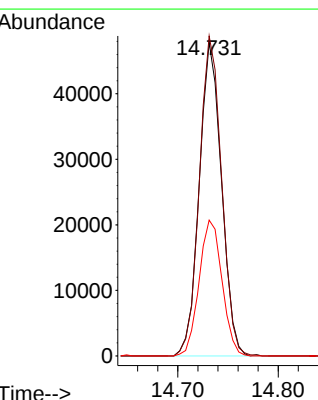
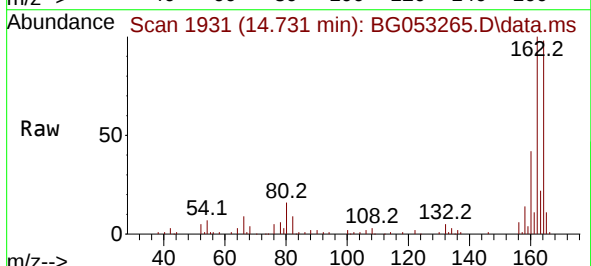
Tgt Ion:164 Resp: 73620

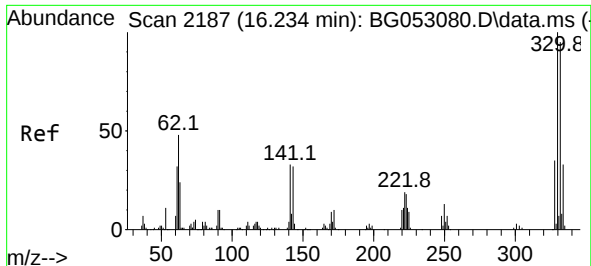
Ion Ratio Lower Upper

164 100

162 102.1 80.0 120.0

160 43.4 38.8 58.2

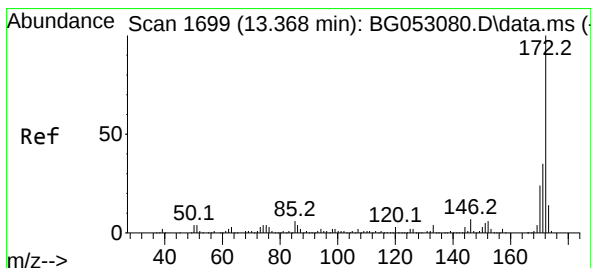
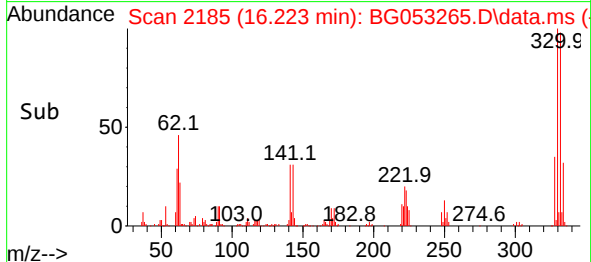
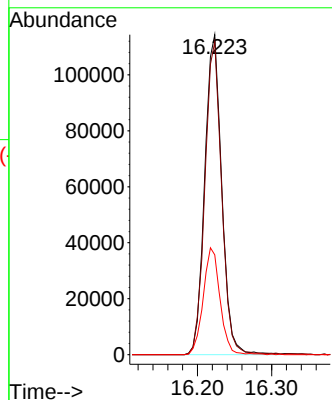
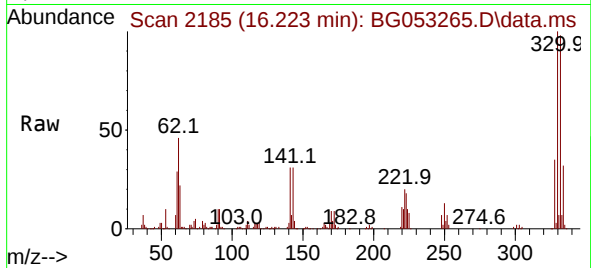




#42
2,4,6-Tribromophenol
Concen: 155.643 ng
RT: 16.223 min Scan# 2185
Delta R.T. -0.003 min
Lab File: BG053265.D
Acq: 22 Apr 2022 17:35

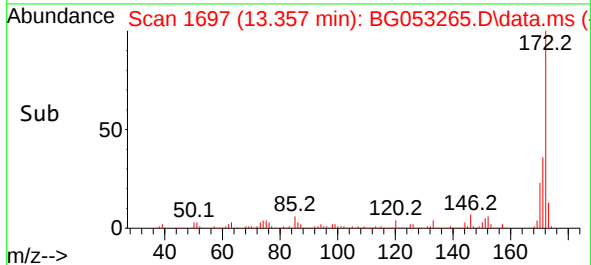
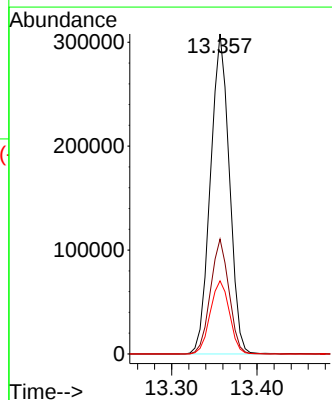
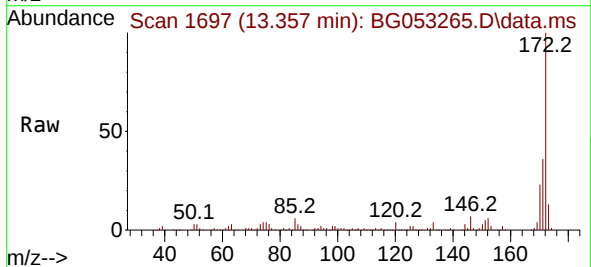
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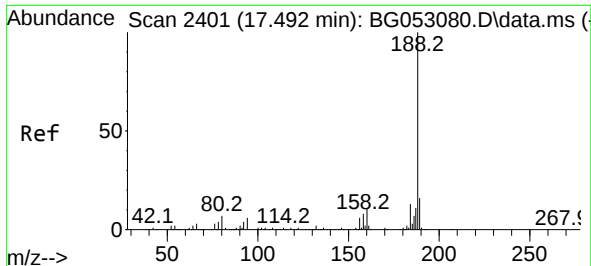
Tgt Ion:330 Resp: 182299
Ion Ratio Lower Upper
330 100
332 96.5 75.8 113.6
141 33.1 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 88.784 ng
RT: 13.357 min Scan# 1697
Delta R.T. -0.003 min
Lab File: BG053265.D
Acq: 22 Apr 2022 17:35

Tgt Ion:172 Resp: 474022
Ion Ratio Lower Upper
172 100
171 35.9 28.3 42.5
170 22.8 18.0 27.0

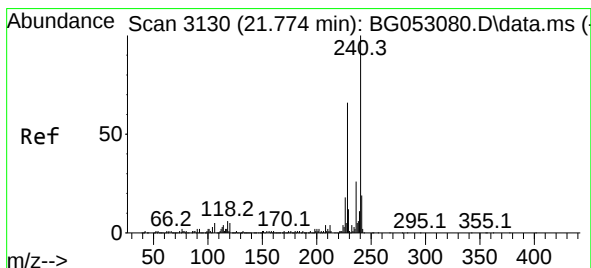
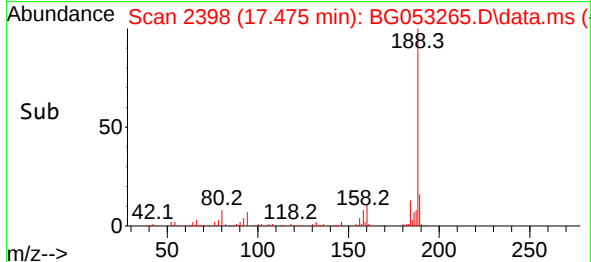
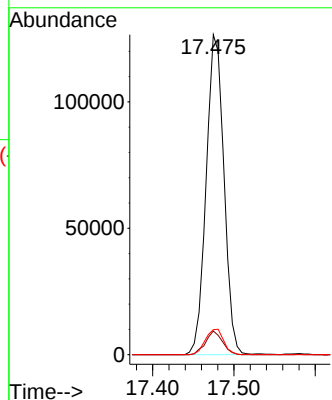
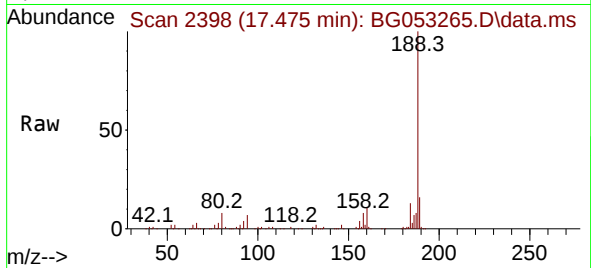




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.475 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG053265.D
Acq: 22 Apr 2022 17:35

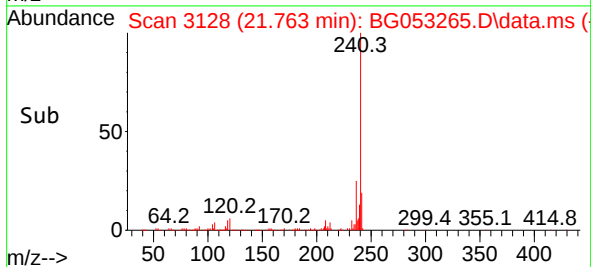
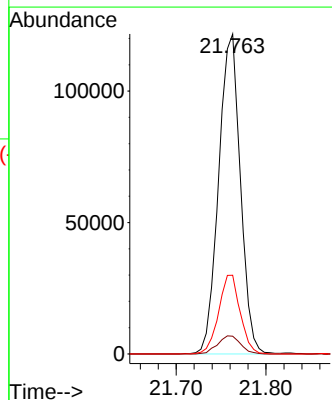
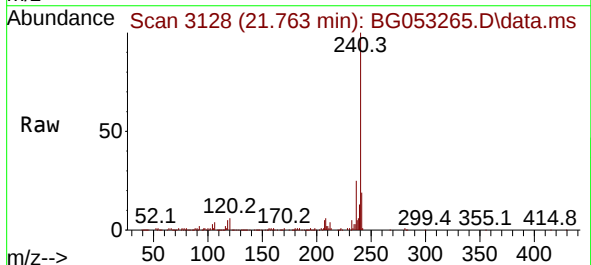
Instrument :
BNA_G
ClientSampleId :
UST-1-N

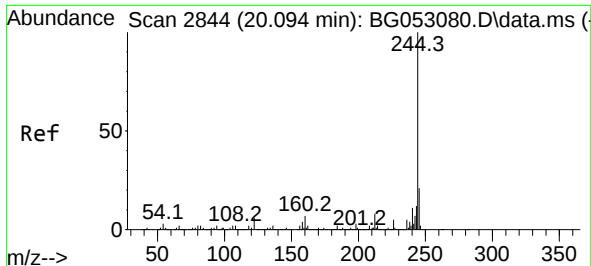
Tgt Ion:188 Resp: 192063
Ion Ratio Lower Upper
188 100
94 7.4 5.7 8.5
80 7.8 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.763 min Scan# 3128
Delta R.T. -0.003 min
Lab File: BG053265.D
Acq: 22 Apr 2022 17:35

Tgt Ion:240 Resp: 204230
Ion Ratio Lower Upper
240 100
120 5.6 5.4 8.0
236 24.6 19.8 29.6

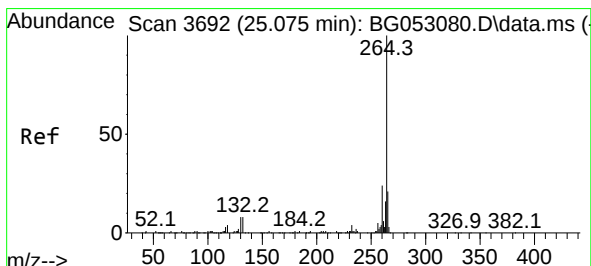
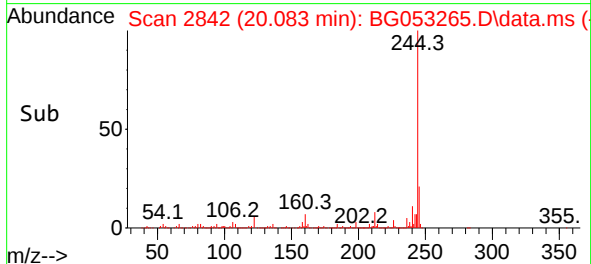
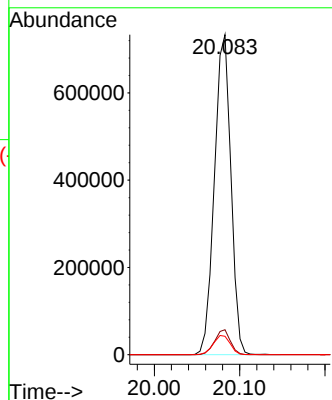
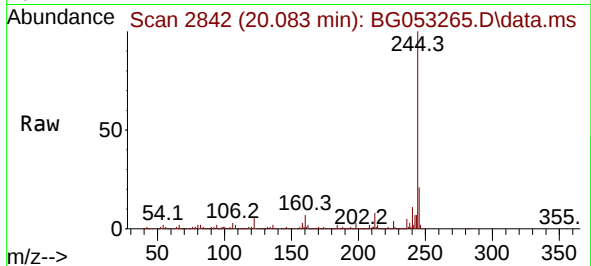




#79
 Terphenyl-d14
 Concen: 81.387 ng
 RT: 20.083 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG053265.D
 Acq: 22 Apr 2022 17:35

Instrument :
 BNA_G
 ClientSampleId :
 UST-1-N

Tgt Ion:244 Resp: 984171
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.4 8.2
 122 5.7 5.8 8.6#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.053 min Scan# 3688
 Delta R.T. -0.009 min
 Lab File: BG053265.D
 Acq: 22 Apr 2022 17:35

Tgt Ion:264 Resp: 207707
 Ion Ratio Lower Upper
 264 100
 260 22.2 18.2 27.2
 265 22.3 15.1 22.7

