

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042222\
 Data File : BG053275.D
 Acq On : 23 Apr 2022 00:08
 Operator : CG/JU
 Sample : N2487-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 UST-1-S

Quant Time: Apr 24 01:17:08 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)

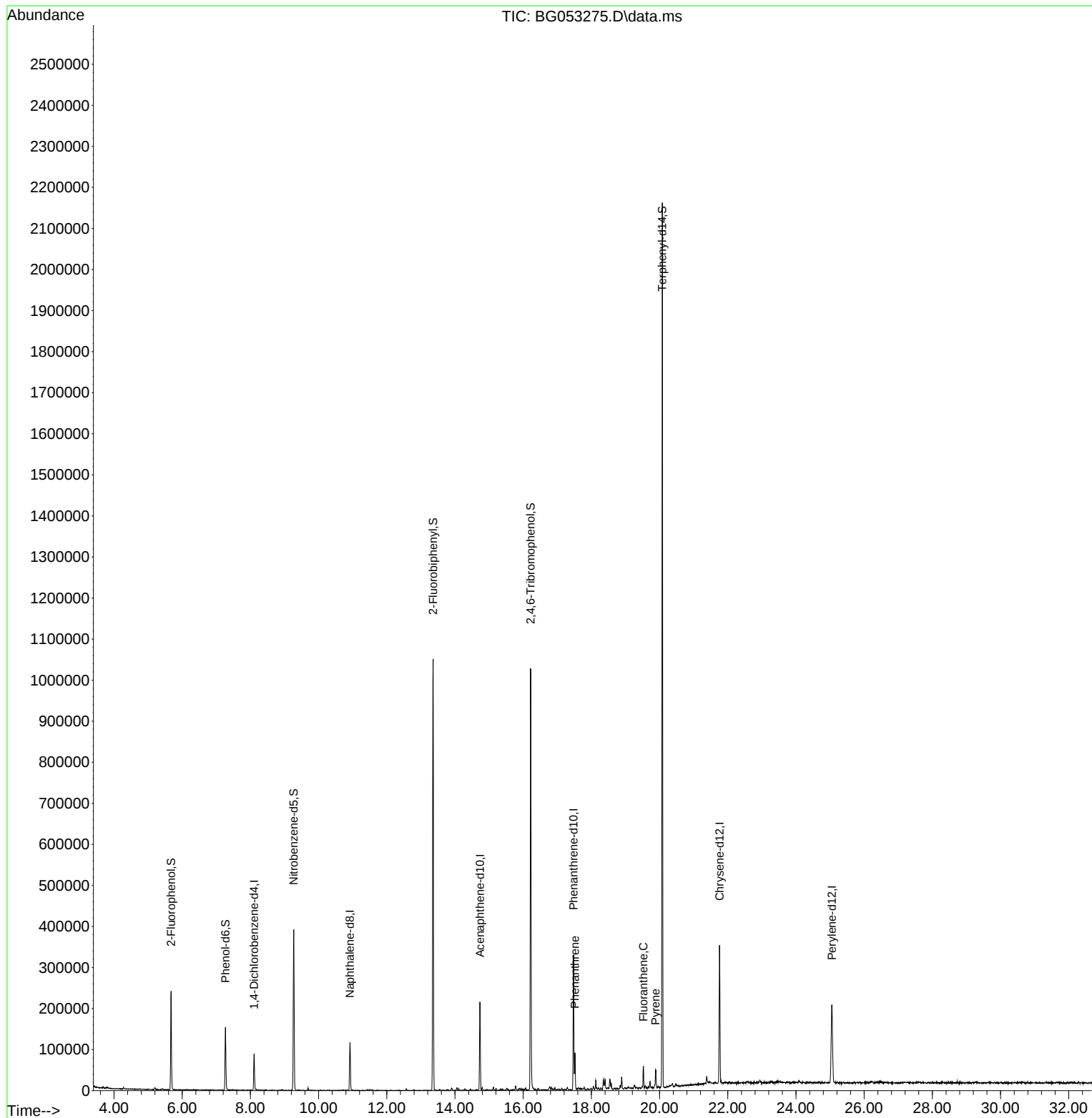
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.106	152	24038	20.000	ng	0.00
21) Naphthalene-d8	10.920	136	99534	20.000	ng	# 0.00
39) Acenaphthene-d10	14.732	164	79081	20.000	ng	0.00
64) Phenanthrene-d10	17.475	188	204707	20.000	ng	0.00
76) Chrysene-d12	21.758	240	212132	20.000	ng	0.00
86) Perylene-d12	25.053	264	218058	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.674	112	99581	71.013	ng	0.00
7) Phenol-d6	7.266	99	88919	41.119	ng	0.00
23) Nitrobenzene-d5	9.269	82	248700	101.454	ng	0.00
42) 2,4,6-Tribromophenol	16.218	330	210190	167.063	ng	0.00
45) 2-Fluorobiphenyl	13.357	172	561889	97.974	ng	0.00
79) Terphenyl-d14	20.078	244	1095236	87.198	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	17.516	178	58093	5.195	ng	97
75) Fluoranthene	19.526	202	34875	2.433	ng	99
78) Pyrene	19.884	202	30221	2.000	ng	97

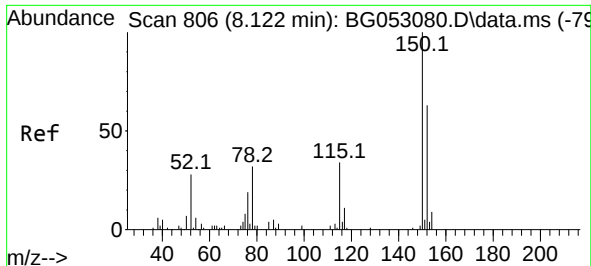
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042222\
Data File : BG053275.D
Acq On : 23 Apr 2022 00:08
Operator : CG/JU
Sample : N2487-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
UST-1-S

Quant Time: Apr 24 01:17:08 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

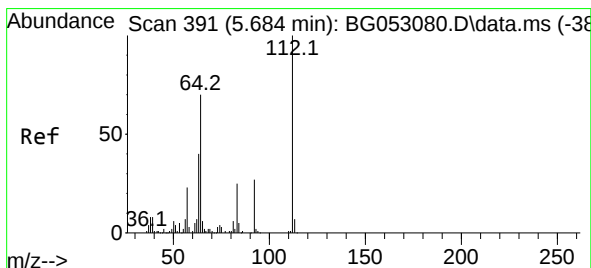
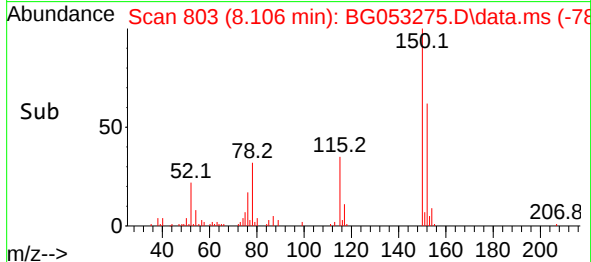
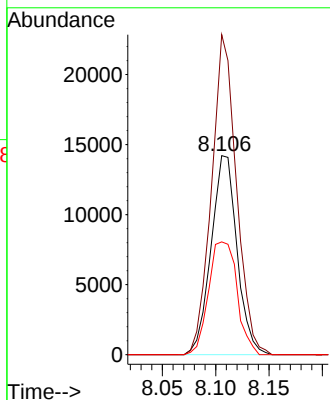
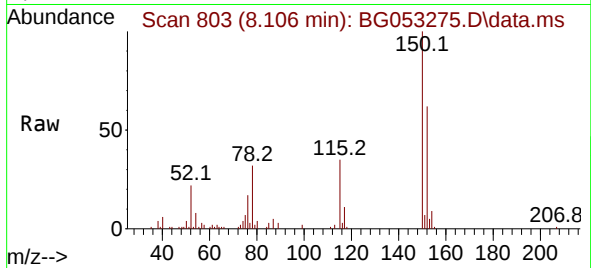




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.106 min Scan# 806
Delta R.T. -0.007 min
Lab File: BG053275.D
Acq: 23 Apr 2022 00:08

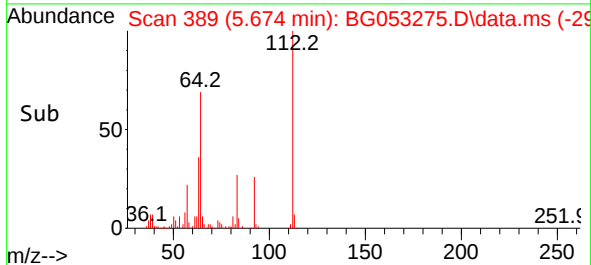
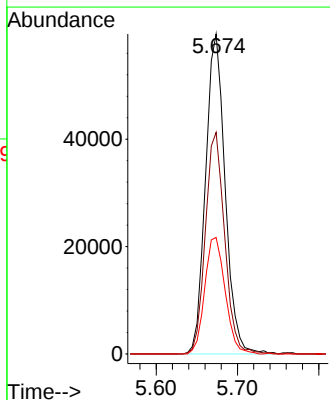
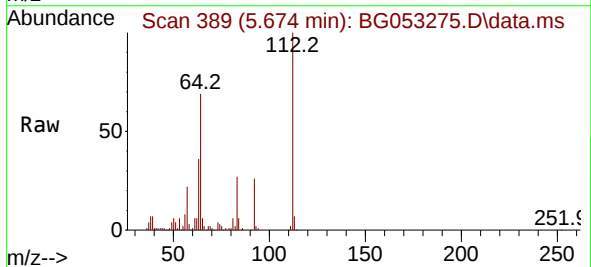
Instrument :
BNA_G
ClientSampleId :
UST-1-S

Tgt Ion:152 Resp: 24038
Ion Ratio Lower Upper
152 100
150 160.7 114.6 172.0
115 56.7 45.9 68.9



#5
2-Fluorophenol
Concen: 71.013 ng
RT: 5.674 min Scan# 389
Delta R.T. -0.002 min
Lab File: BG053275.D
Acq: 23 Apr 2022 00:08

Tgt Ion:112 Resp: 99581
Ion Ratio Lower Upper
112 100
64 69.3 48.0 72.0
63 36.4 26.5 39.7

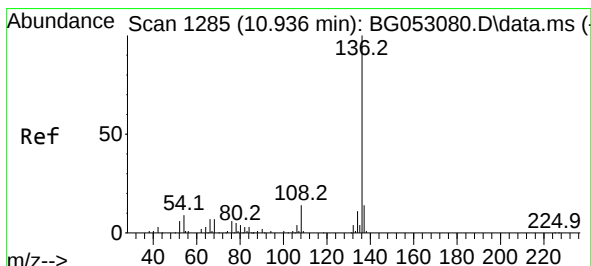
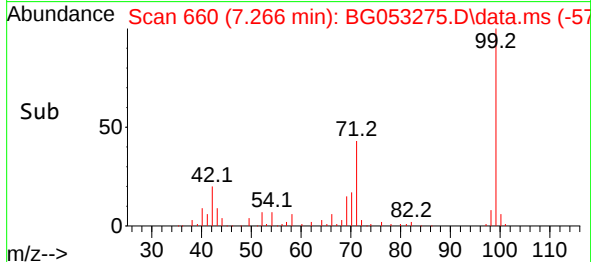
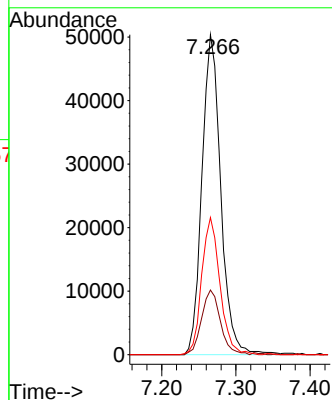
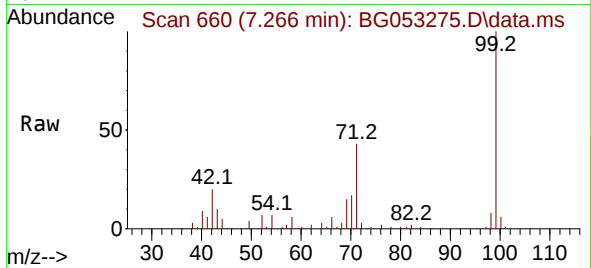




#7
Phenol-d6
Concen: 41.119 ng
RT: 7.266 min Scan# 60
Delta R.T. -0.008 min
Lab File: BG053275.D
Acq: 23 Apr 2022 00:08

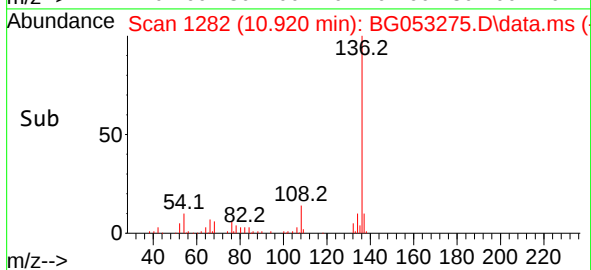
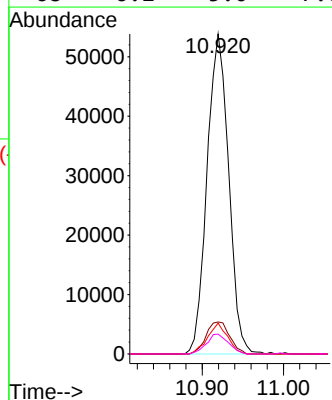
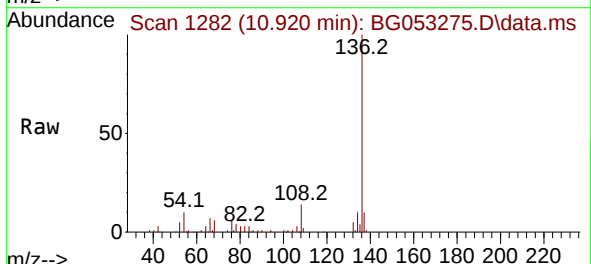
Instrument :
BNA_G
ClientSampleId :
UST-1-S

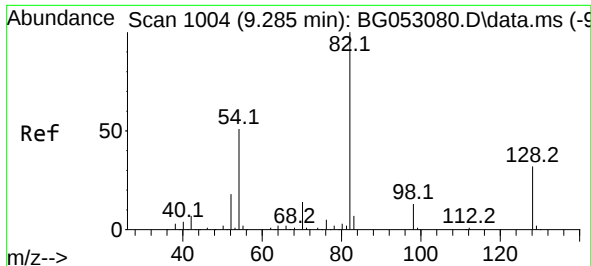
Tgt Ion: 99 Resp: 88919
Ion Ratio Lower Upper
99 100
42 20.2 14.7 22.1
71 42.8 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.920 min Scan# 1282
Delta R.T. -0.002 min
Lab File: BG053275.D
Acq: 23 Apr 2022 00:08

Tgt Ion: 136 Resp: 99534
Ion Ratio Lower Upper
136 100
137 10.0 9.4 14.2
54 9.6 6.4 9.6#
68 6.2 5.0 7.6

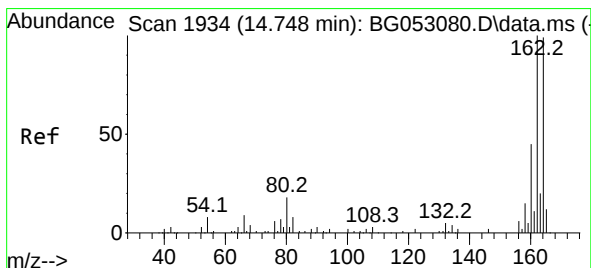
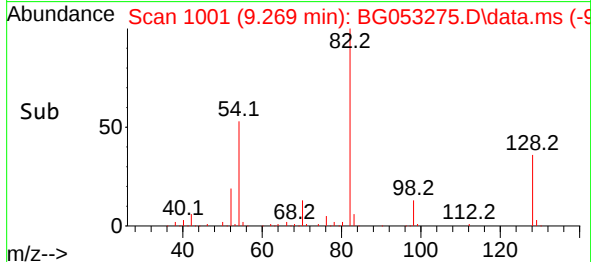
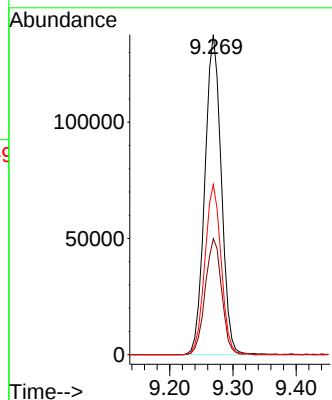
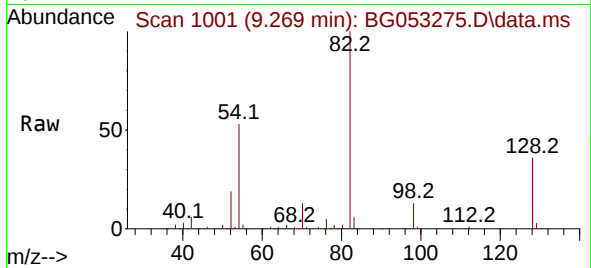




#23
Nitrobenzene-d5
Concen: 101.454 ng
RT: 9.269 min Scan# 1001
Delta R.T. -0.008 min
Lab File: BG053275.D
Acq: 23 Apr 2022 00:08

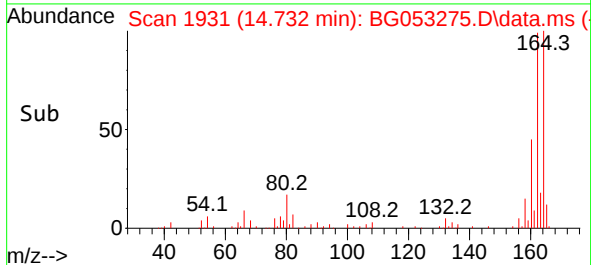
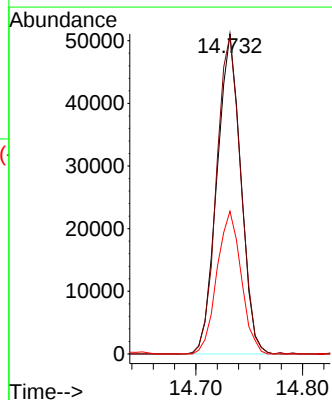
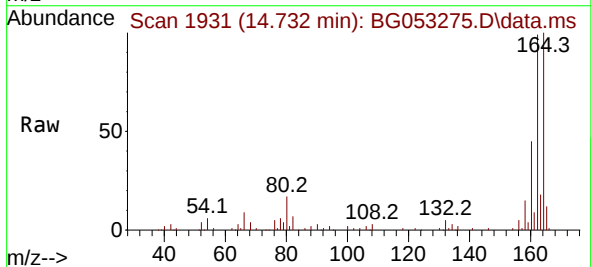
Instrument :
BNA_G
ClientSampleId :
UST-1-S

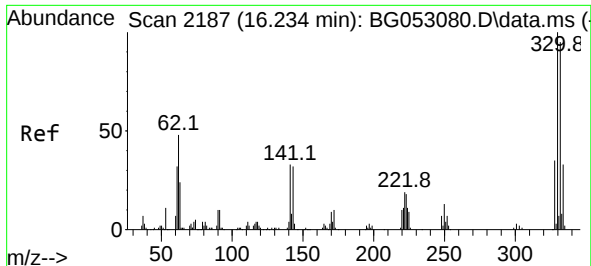
Tgt Ion: 82 Resp: 248700
Ion Ratio Lower Upper
82 100
128 36.3 31.3 46.9
54 53.2 37.8 56.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.732 min Scan# 1931
Delta R.T. -0.002 min
Lab File: BG053275.D
Acq: 23 Apr 2022 00:08

Tgt Ion:164 Resp: 79081
Ion Ratio Lower Upper
164 100
162 99.5 80.0 120.0
160 44.6 38.8 58.2

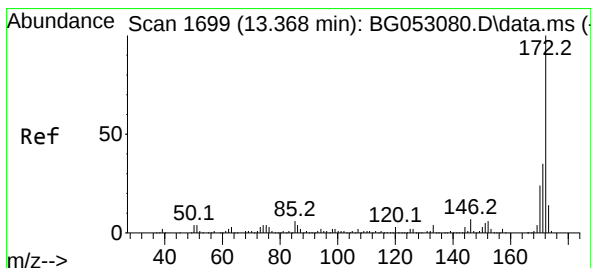
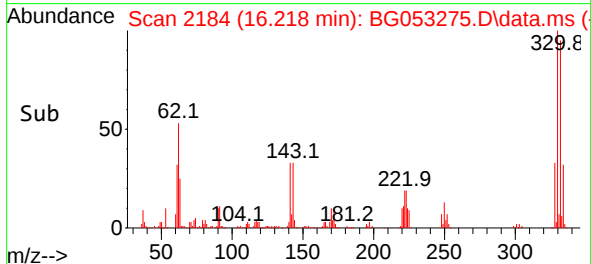
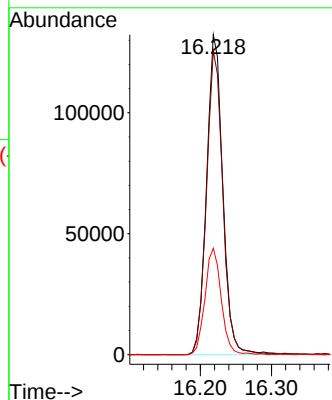
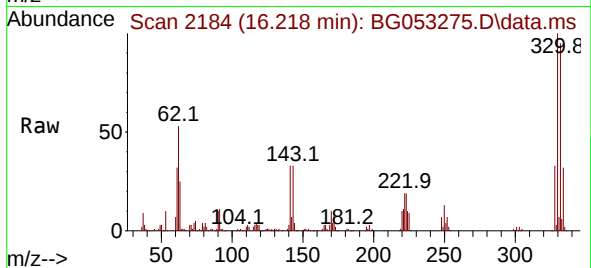




#42
2,4,6-Tribromophenol
Concen: 167.063 ng
RT: 16.218 min Scan# 2184
Delta R.T. -0.008 min
Lab File: BG053275.D
Acq: 23 Apr 2022 00:08

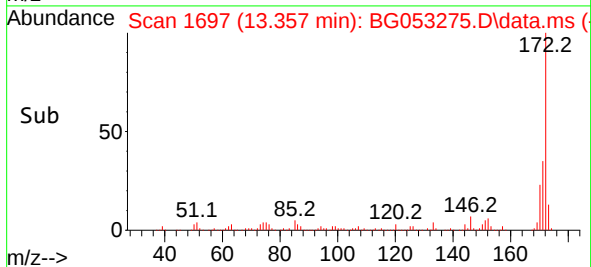
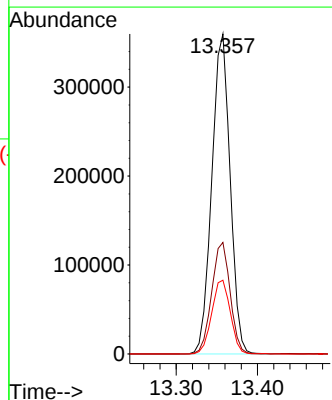
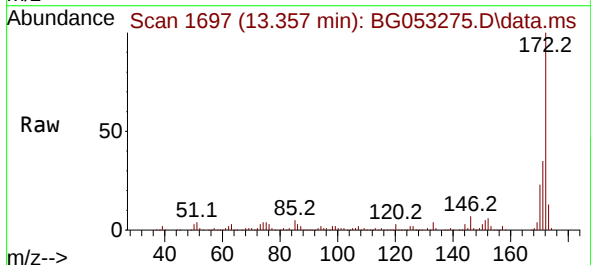
Instrument :
BNA_G
ClientSampleId :
UST-1-S

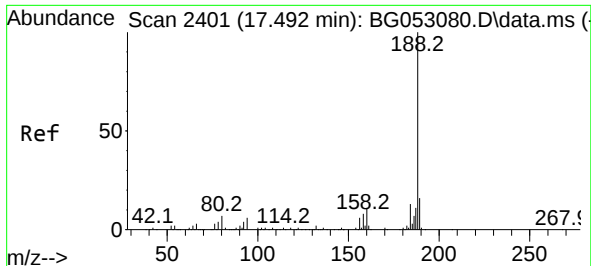
Tgt Ion:330 Resp: 210190
Ion Ratio Lower Upper
330 100
332 95.1 75.8 113.6
141 33.5 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 97.974 ng
RT: 13.357 min Scan# 1697
Delta R.T. -0.002 min
Lab File: BG053275.D
Acq: 23 Apr 2022 00:08

Tgt Ion:172 Resp: 561889
Ion Ratio Lower Upper
172 100
171 34.9 28.3 42.5
170 23.1 18.0 27.0

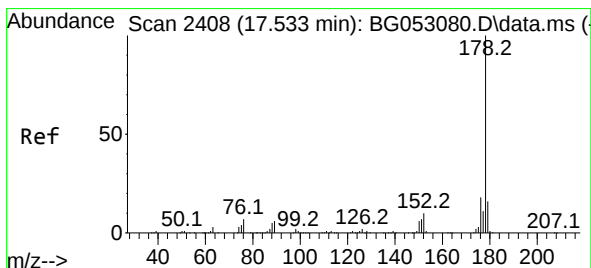
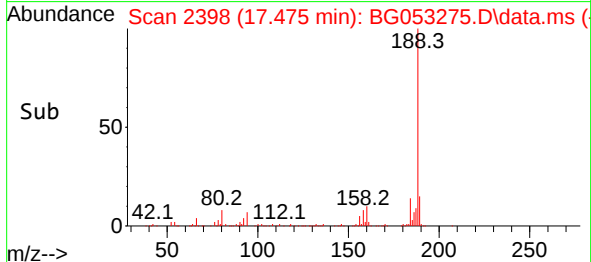
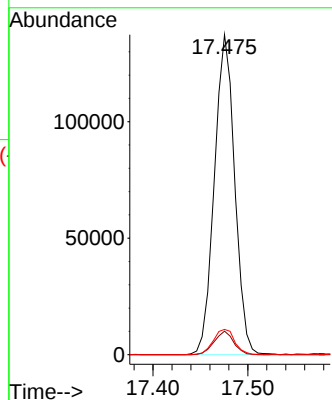
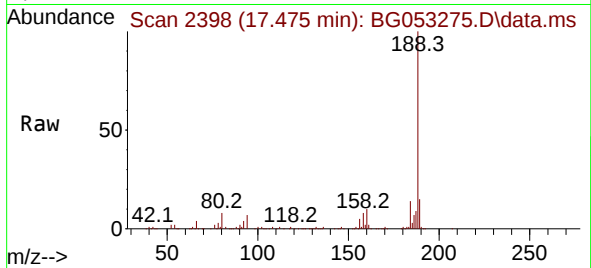




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.475 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG053275.D
Acq: 23 Apr 2022 00:08

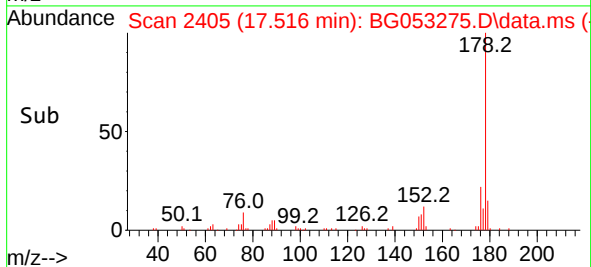
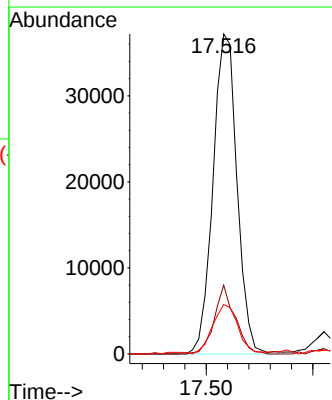
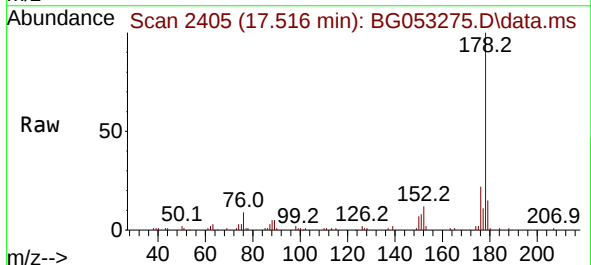
Instrument :
BNA_G
ClientSampleId :
UST-1-S

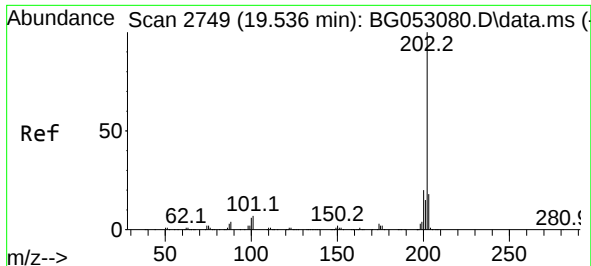
Tgt Ion:188 Resp: 204707
Ion Ratio Lower Upper
188 100
94 7.4 5.7 8.5
80 7.9 7.2 10.8



#71
Phenanthrene
Concen: 5.195 ng
RT: 17.516 min Scan# 2405
Delta R.T. -0.008 min
Lab File: BG053275.D
Acq: 23 Apr 2022 00:08

Tgt Ion:178 Resp: 58093
Ion Ratio Lower Upper
178 100
176 21.5 15.9 23.9
179 15.5 13.4 20.2

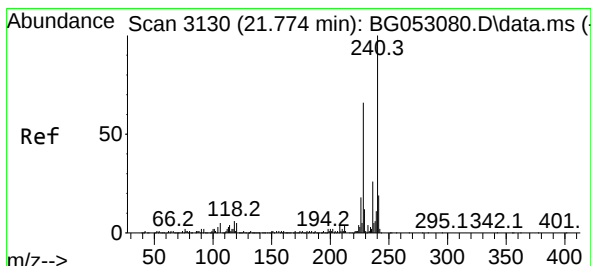
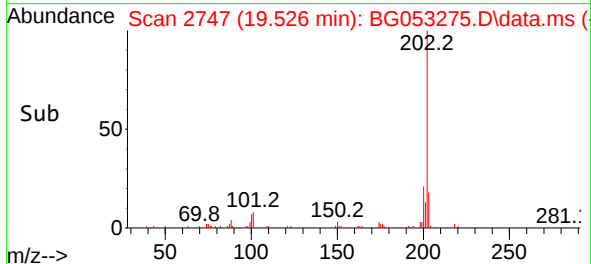
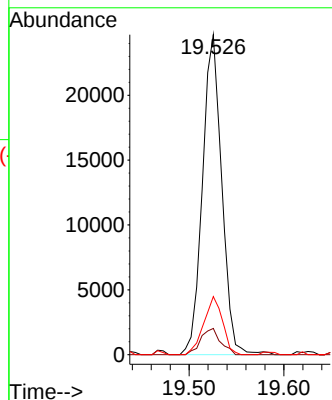
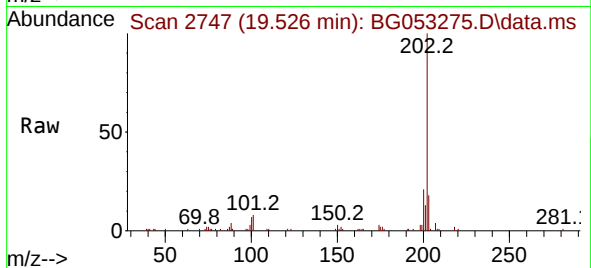




#75
Fluoranthene
Concen: 2.433 ng
RT: 19.526 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG053275.D
Acq: 23 Apr 2022 00:08

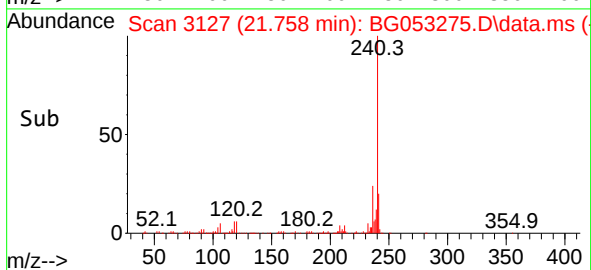
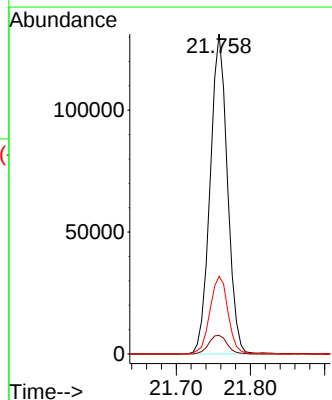
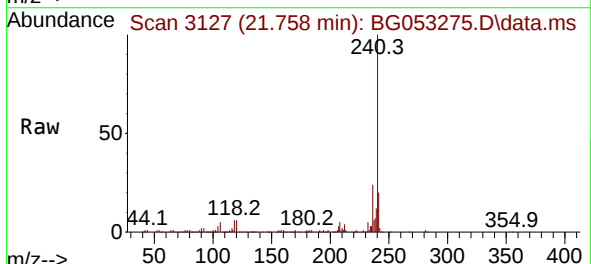
Instrument :
BNA_G
ClientSampleId :
UST-1-S

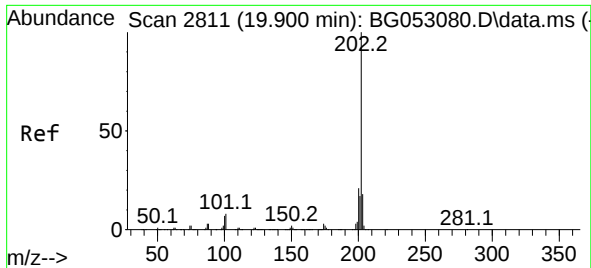
Tgt Ion:202 Resp: 34875
Ion Ratio Lower Upper
202 100
101 8.2 0.0 27.3
203 18.1 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.758 min Scan# 3127
Delta R.T. -0.008 min
Lab File: BG053275.D
Acq: 23 Apr 2022 00:08

Tgt Ion:240 Resp: 212132
Ion Ratio Lower Upper
240 100
120 5.8 5.4 8.0
236 24.3 19.8 29.6

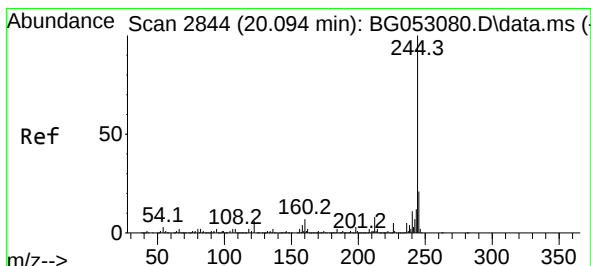
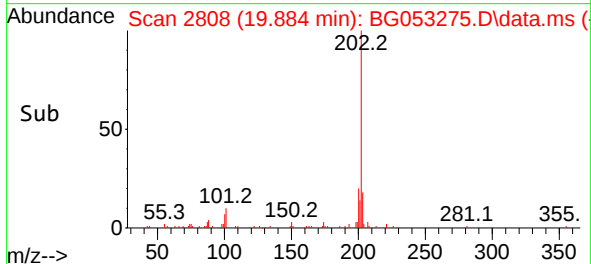
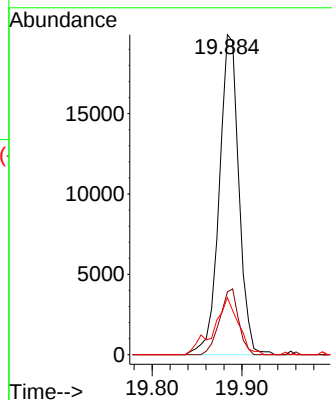
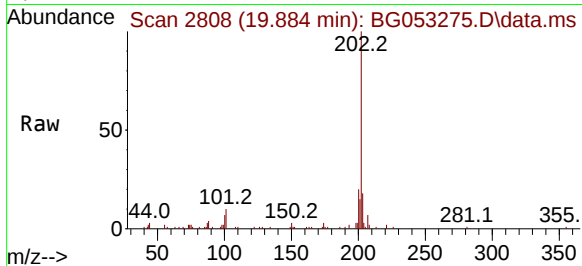




#78
Pyrene
Concen: 2.000 ng
RT: 19.884 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG053275.D
Acq: 23 Apr 2022 00:08

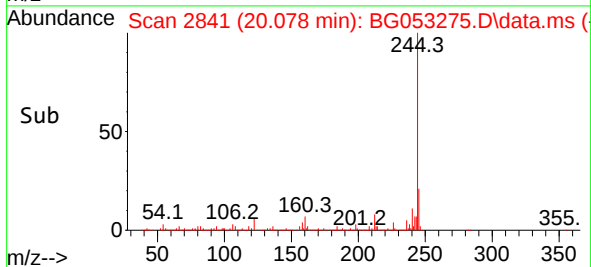
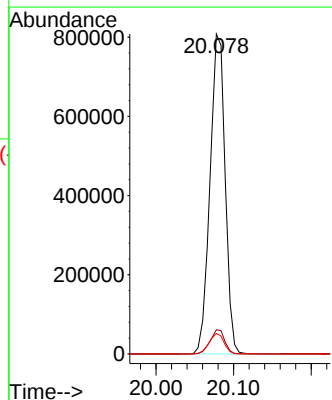
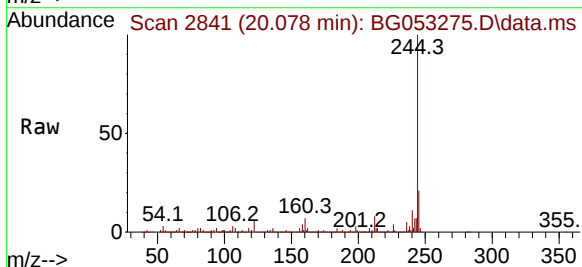
Instrument :
BNA_G
ClientSampleId :
UST-1-S

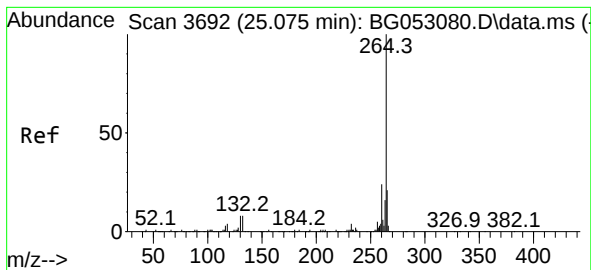
Tgt Ion:202 Resp: 30221
Ion Ratio Lower Upper
202 100
200 19.7 17.0 25.6
203 17.8 15.0 22.6



#79
Terphenyl-d14
Concen: 87.198 ng
RT: 20.078 min Scan# 2841
Delta R.T. -0.008 min
Lab File: BG053275.D
Acq: 23 Apr 2022 00:08

Tgt Ion:244 Resp: 1095236
Ion Ratio Lower Upper
244 100
212 7.5 5.4 8.2
122 6.4 5.8 8.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.053 min Scan# 30
 Delta R.T. -0.008 min
 Lab File: BG053275.D
 Acq: 23 Apr 2022 00:08

Instrument :
 BNA_G
 ClientSampleId :
 UST-1-S

Tgt Ion:264 Resp: 218058
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.2 27.2
 265 20.2 15.1 22.7

