

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050622\
 Data File : BG053480.D
 Acq On : 6 May 2022 18:50
 Operator : CG/JU
 Sample : N2703-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-28

Quant Time: May 06 23:17:50 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 05 02:13:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.089	152	20256	20.000	ng	0.00
21) Naphthalene-d8	10.903	136	83926	20.000	ng	0.00
39) Acenaphthene-d10	14.716	164	67545	20.000	ng	0.00
64) Phenanthrene-d10	17.459	188	182175	20.000	ng	0.00
76) Chrysene-d12	21.735	240	204375	20.000	ng	0.00
86) Perylene-d12	25.019	264	197450	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.657	112	175671	147.185	ng	0.00
7) Phenol-d6	7.249	99	252087	139.168	ng	0.00
23) Nitrobenzene-d5	9.252	82	199565	101.222	ng	0.00
42) 2,4,6-Tribromophenol	16.202	330	149090	149.657	ng	0.00
45) 2-Fluorobiphenyl	13.335	172	459726	99.458	ng	0.00
79) Terphenyl-d14	20.061	244	1080990	98.511	ng	0.00

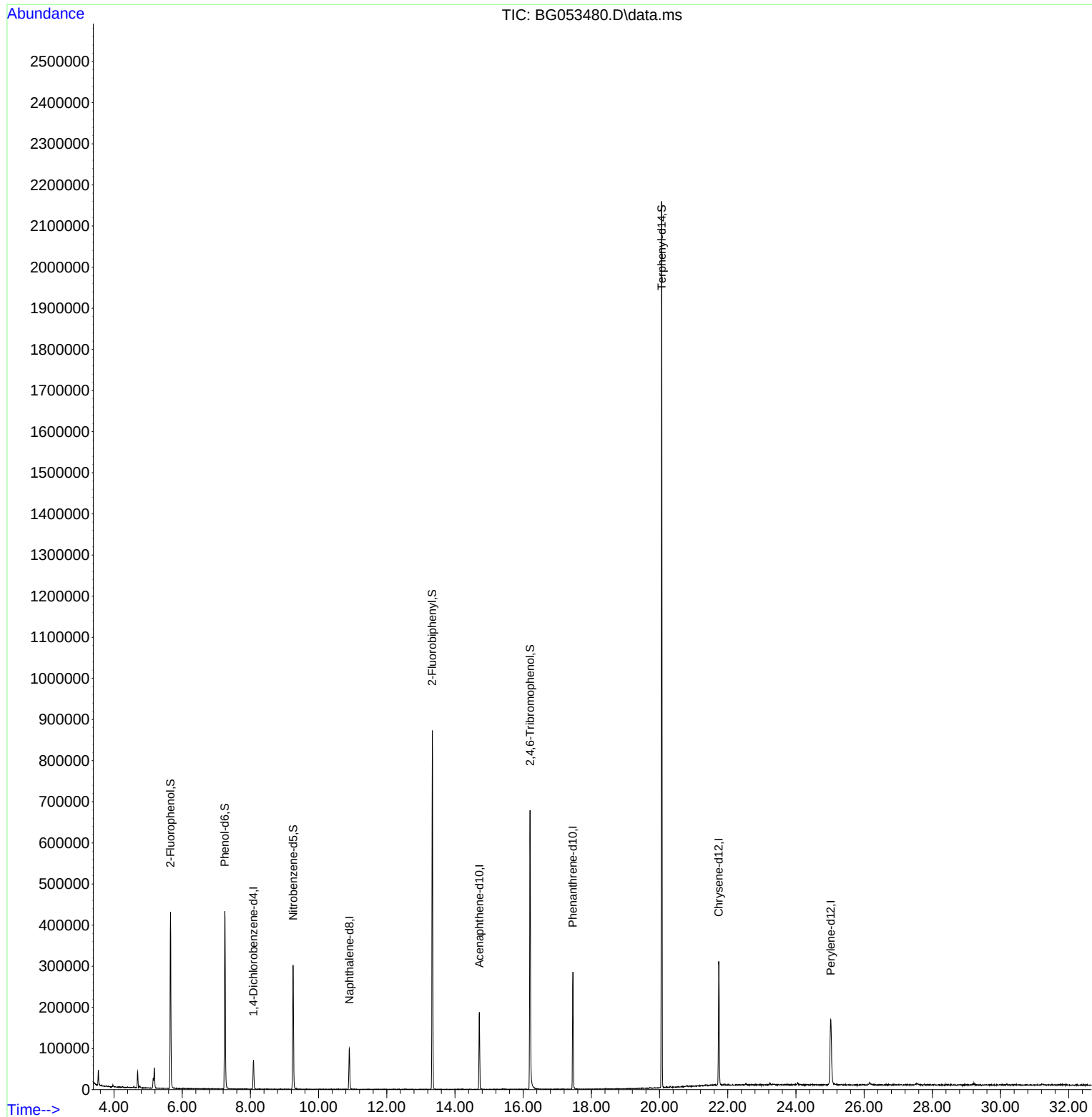
Target Compounds	Qvalue

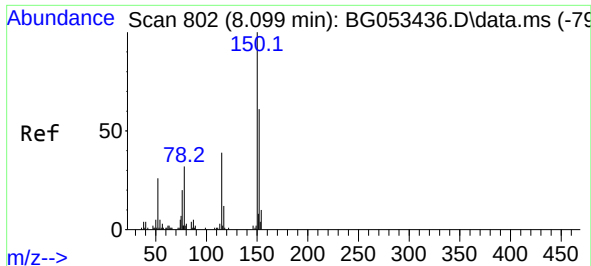
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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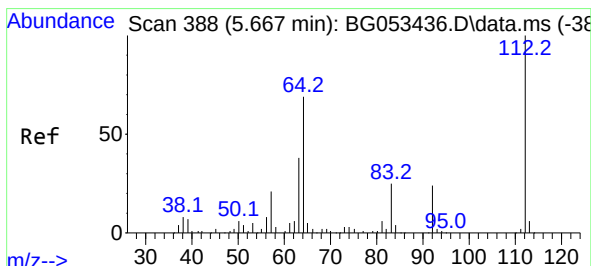
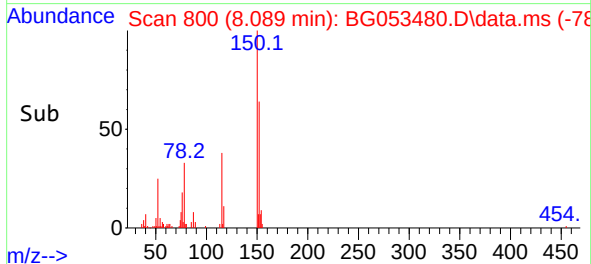
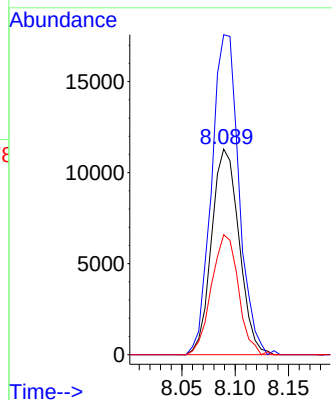
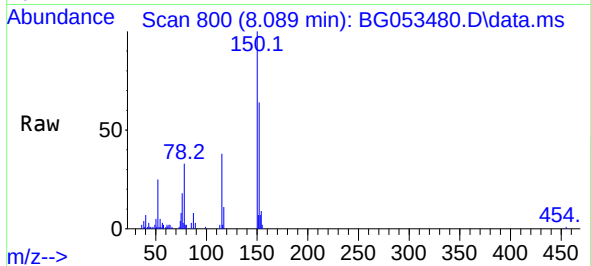




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.089 min Scan# 80
Delta R.T. -0.010 min
Lab File: BG053480.D
Acq: 6 May 2022 18:50

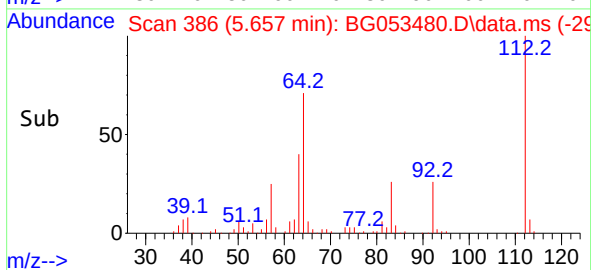
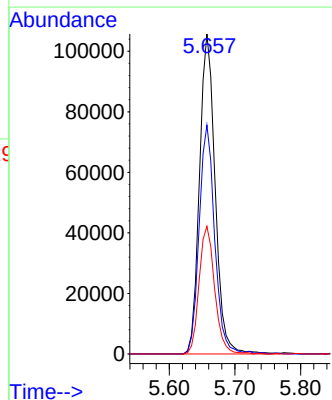
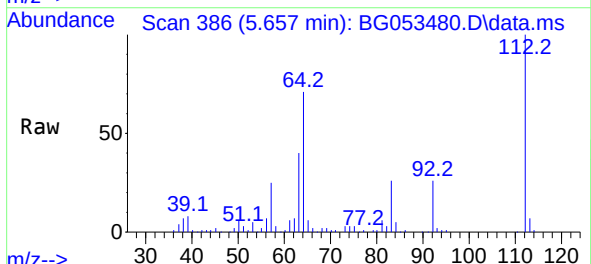
Instrument :
BNA_G
ClientSampleId :
TP-28

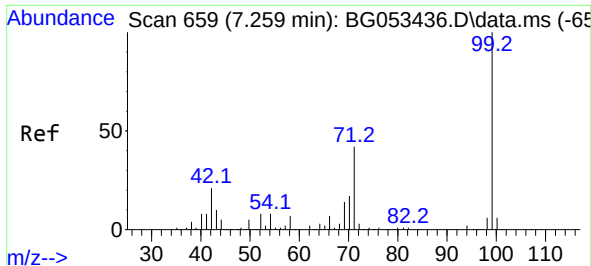
Tgt Ion:152 Resp: 20256
Ion Ratio Lower Upper
152 100
150 155.6 131.6 197.4
115 58.4 50.9 76.3



#5
2-Fluorophenol
Concen: 147.185 ng
RT: 5.657 min Scan# 386
Delta R.T. -0.010 min
Lab File: BG053480.D
Acq: 6 May 2022 18:50

Tgt Ion:112 Resp: 175671
Ion Ratio Lower Upper
112 100
64 71.5 55.1 82.7
63 39.9 30.4 45.6

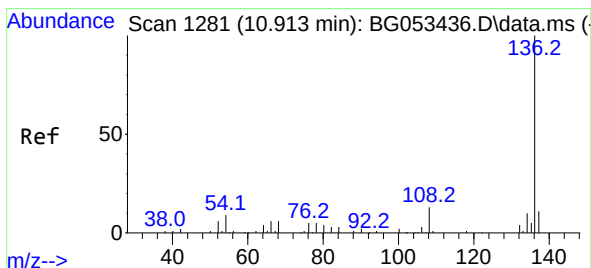
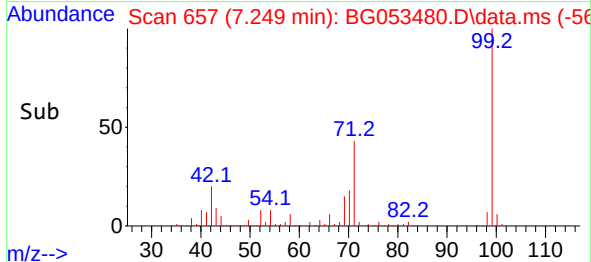
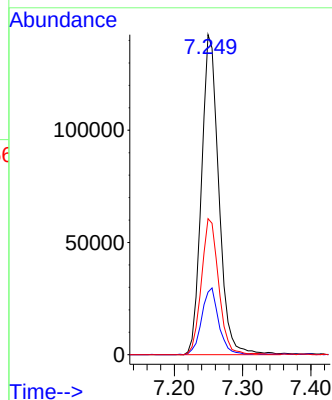
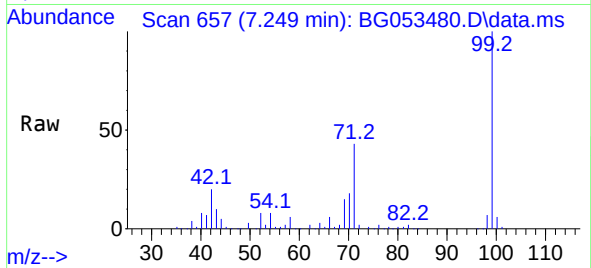




#7
Phenol-d6
Concen: 139.168 ng
RT: 7.249 min Scan# 61
Delta R.T. -0.010 min
Lab File: BG053480.D
Acq: 6 May 2022 18:50

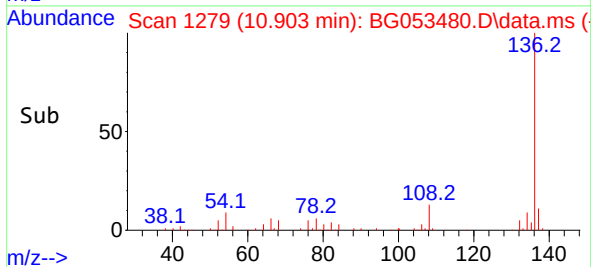
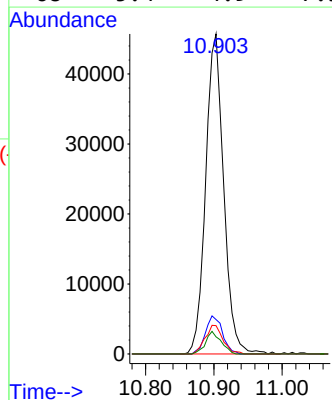
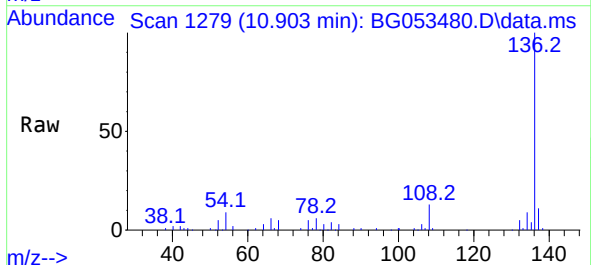
Instrument :
BNA_G
ClientSampleId :
TP-28

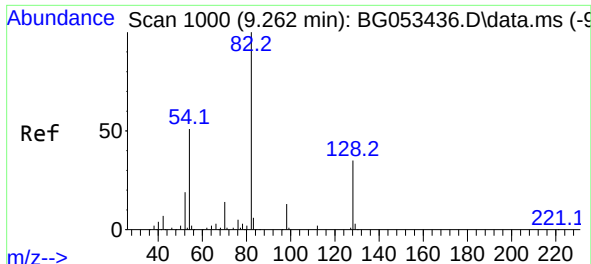
Tgt Ion: 99 Resp: 252087
Ion Ratio Lower Upper
99 100
42 19.6 17.0 25.6
71 42.5 33.8 50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.903 min Scan# 1279
Delta R.T. -0.010 min
Lab File: BG053480.D
Acq: 6 May 2022 18:50

Tgt Ion: 136 Resp: 83926
Ion Ratio Lower Upper
136 100
137 10.8 8.5 12.7
54 8.8 7.4 11.2
68 5.4 4.9 7.3

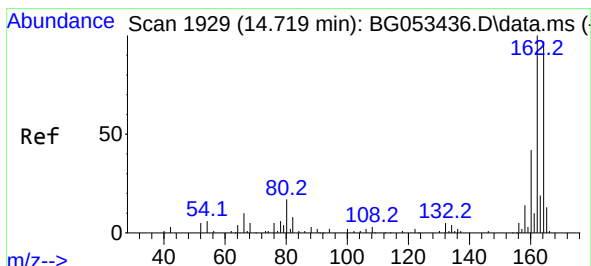
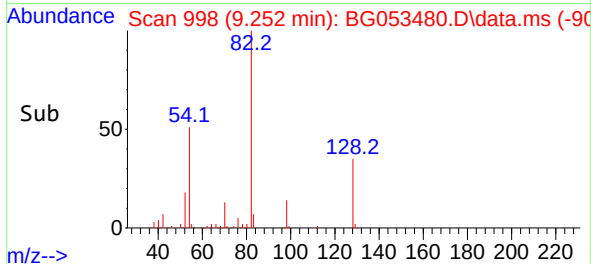
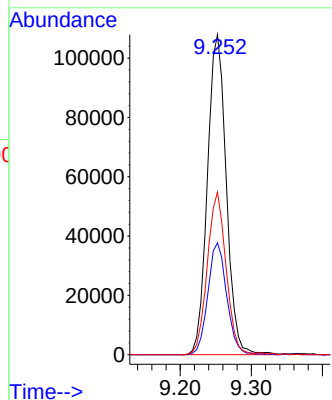
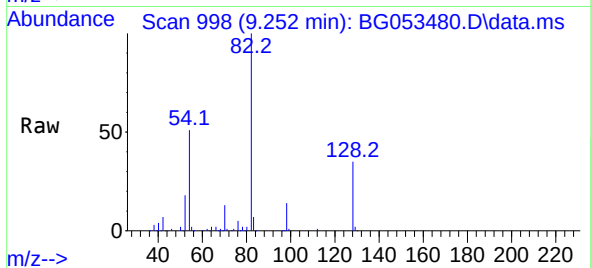




#23
Nitrobenzene-d5
Concen: 101.222 ng
RT: 9.252 min Scan# 91
Delta R.T. -0.010 min
Lab File: BG053480.D
Acq: 6 May 2022 18:50

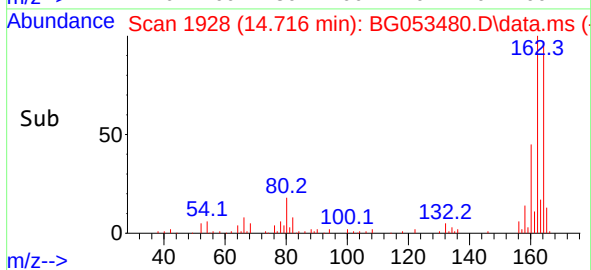
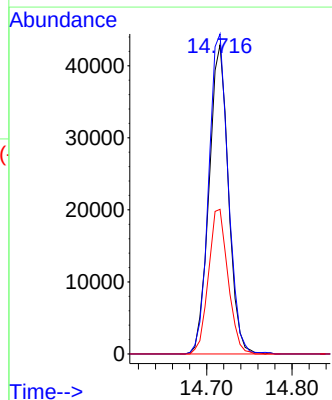
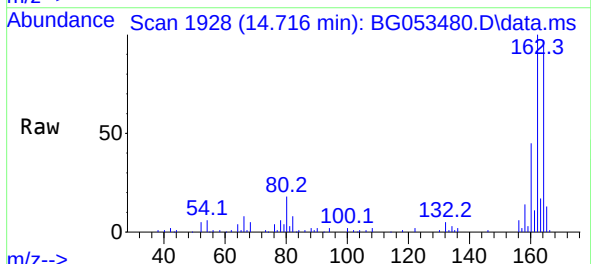
Instrument :
BNA_G
ClientSampleId :
TP-28

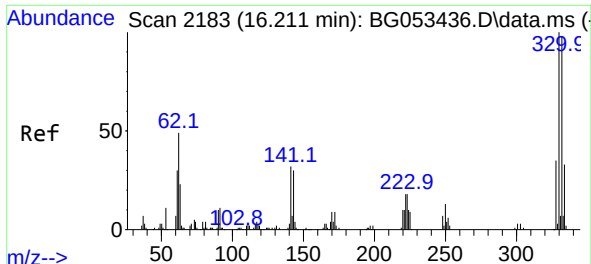
Tgt Ion: 82 Resp: 199565
Ion Ratio Lower Upper
82 100
128 35.0 27.9 41.9
54 50.8 41.2 61.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.716 min Scan# 1928
Delta R.T. -0.003 min
Lab File: BG053480.D
Acq: 6 May 2022 18:50

Tgt Ion: 164 Resp: 67545
Ion Ratio Lower Upper
164 100
162 103.5 82.3 123.5
160 46.8 34.2 51.2

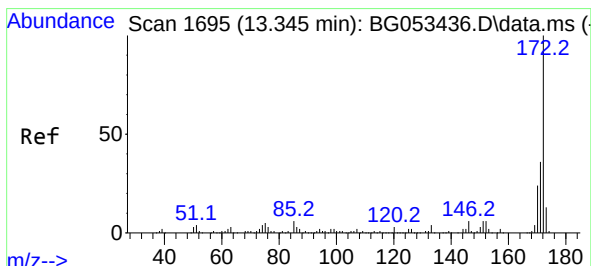
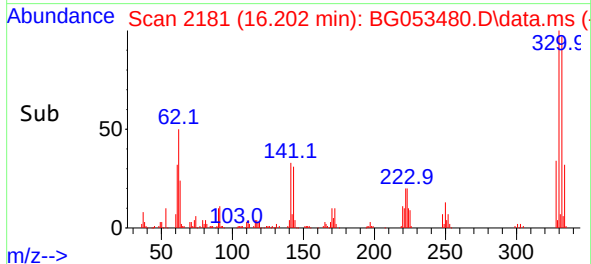
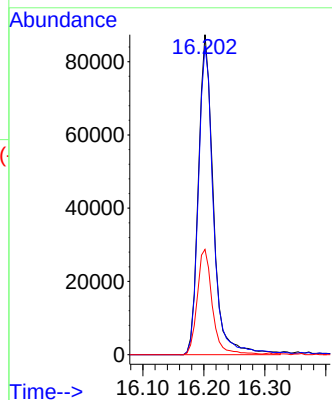
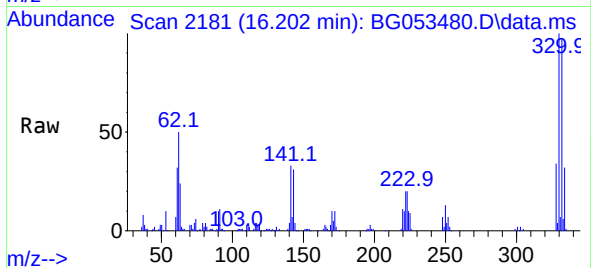




#42
2,4,6-Tribromophenol
Concen: 149.657 ng
RT: 16.202 min Scan# 2181
Delta R.T. -0.009 min
Lab File: BG053480.D
Acq: 6 May 2022 18:50

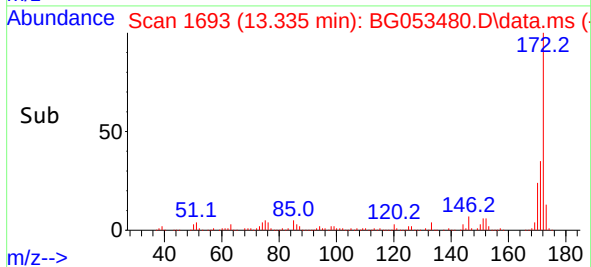
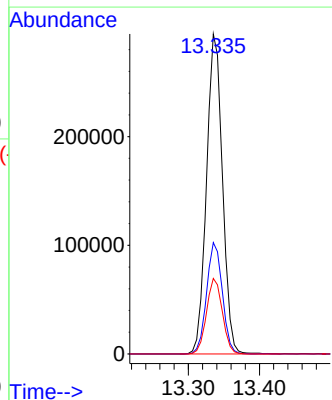
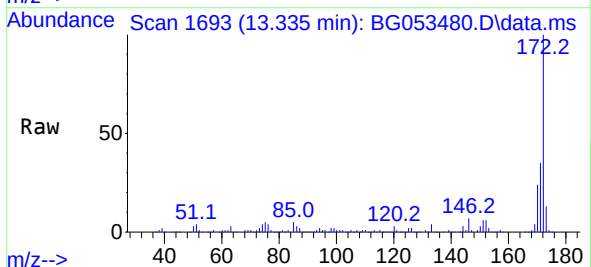
Instrument :
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ClientSampleId :
TP-28

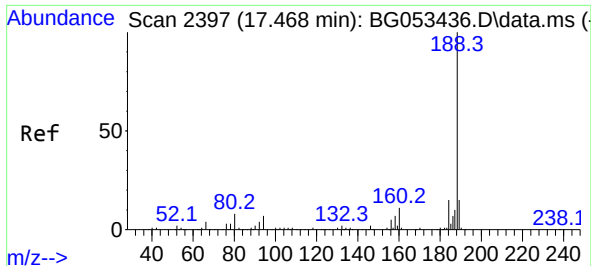
Tgt Ion:330 Resp: 149090
Ion Ratio Lower Upper
330 100
332 96.9 76.0 114.0
141 33.3 27.1 40.7



#45
2-Fluorobiphenyl
Concen: 99.458 ng
RT: 13.335 min Scan# 1693
Delta R.T. -0.010 min
Lab File: BG053480.D
Acq: 6 May 2022 18:50

Tgt Ion:172 Resp: 459726
Ion Ratio Lower Upper
172 100
171 34.8 28.5 42.7
170 23.6 18.9 28.3

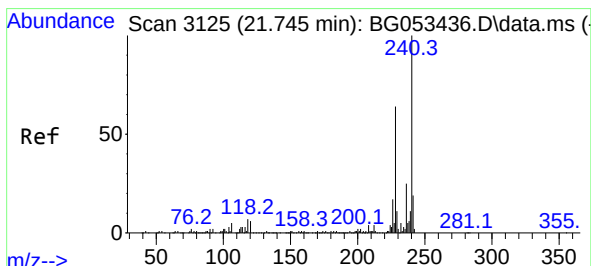
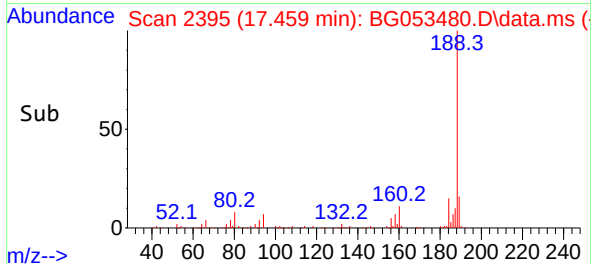
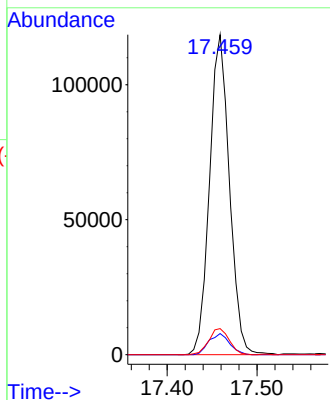
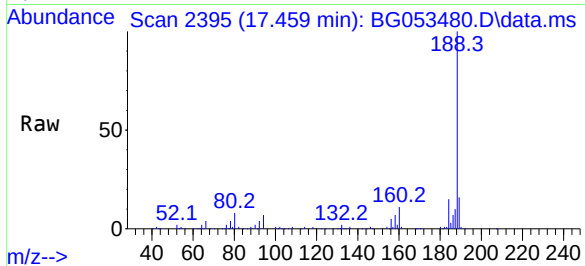




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.459 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG053480.D
Acq: 6 May 2022 18:50

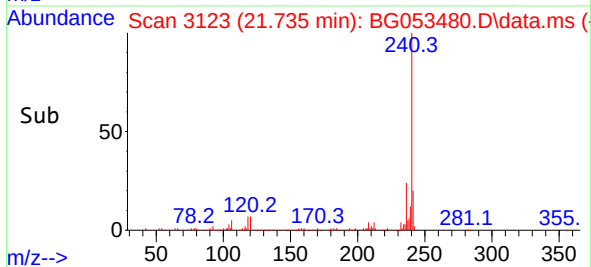
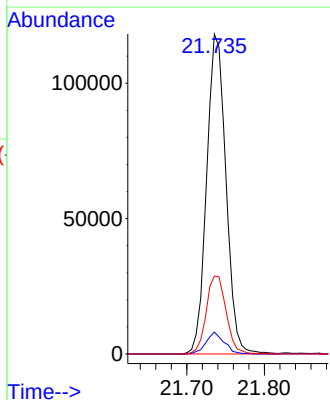
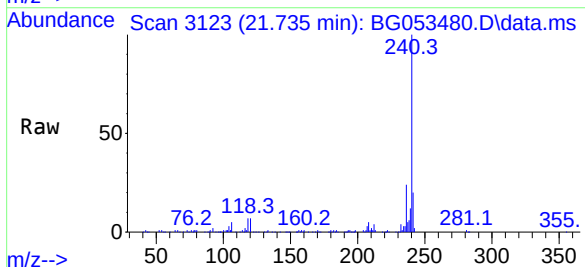
Instrument :
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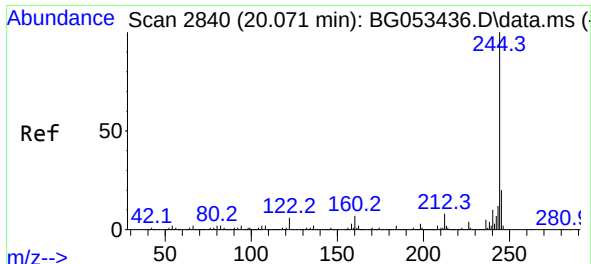
Tgt Ion:188 Resp: 182175
Ion Ratio Lower Upper
188 100
94 6.6 5.4 8.0
80 8.1 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.735 min Scan# 3123
Delta R.T. -0.010 min
Lab File: BG053480.D
Acq: 6 May 2022 18:50

Tgt Ion:240 Resp: 204375
Ion Ratio Lower Upper
240 100
120 6.9 4.6 7.0
236 24.4 20.2 30.4

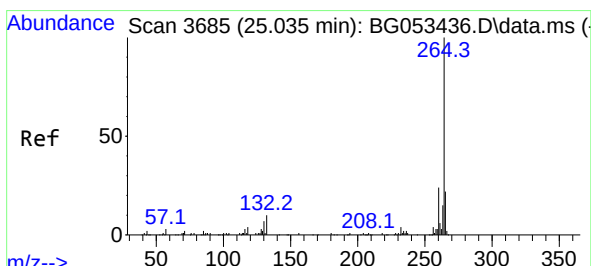
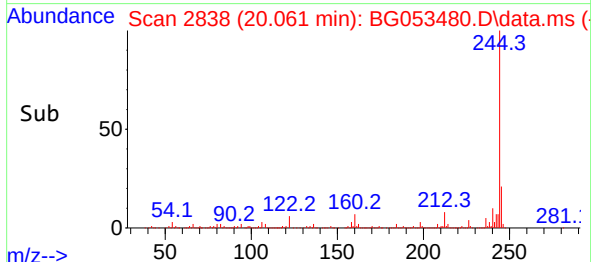
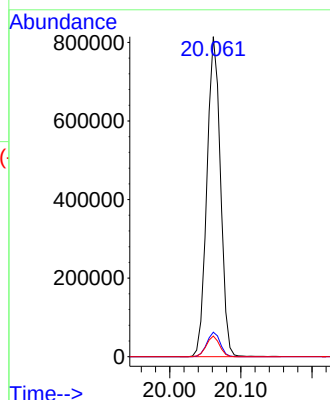
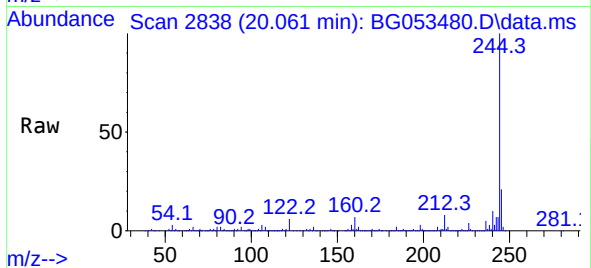




#79
 Terphenyl-d14
 Concen: 98.511 ng
 RT: 20.061 min Scan# 21
 Delta R.T. -0.010 min
 Lab File: BG053480.D
 Acq: 6 May 2022 18:50

Instrument :
 BNA_G
 ClientSampleId :
 TP-28

Tgt Ion:244 Resp: 1080990
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.5 9.7
 122 6.4 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.019 min Scan# 3682
 Delta R.T. -0.015 min
 Lab File: BG053480.D
 Acq: 6 May 2022 18:50

Tgt Ion:264 Resp: 197450
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.0 28.6
 265 21.5 17.4 26.2

