

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050522\
 Data File : BG053466.D
 Acq On : 6 May 2022 1:06
 Operator : CG/JU
 Sample : N2677-12
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-7,12

Quant Time: May 06 03:49:04 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	8.093	152	22122	20.000	ng	0.00
21) Naphthalene-d8	10.901	136	87659	20.000	ng	-0.01
39) Acenaphthene-d10	14.714	164	64809	20.000	ng	0.00
64) Phenanthrene-d10	17.457	188	166562	20.000	ng	-0.01
76) Chrysene-d12	21.733	240	188203	20.000	ng	-0.01
86) Perylene-d12	25.017	264	191610	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.655	112	183518	140.790	ng	-0.01
7) Phenol-d6	7.253	99	266953	134.944	ng	0.00
23) Nitrobenzene-d5	9.250	82	193644	94.036	ng	-0.01
42) 2,4,6-Tribromophenol	16.200	330	137230	143.567	ng	-0.01
45) 2-Fluorobiphenyl	13.339	172	414829	93.534	ng	0.00
79) Terphenyl-d14	20.059	244	903965	89.457	ng	-0.01

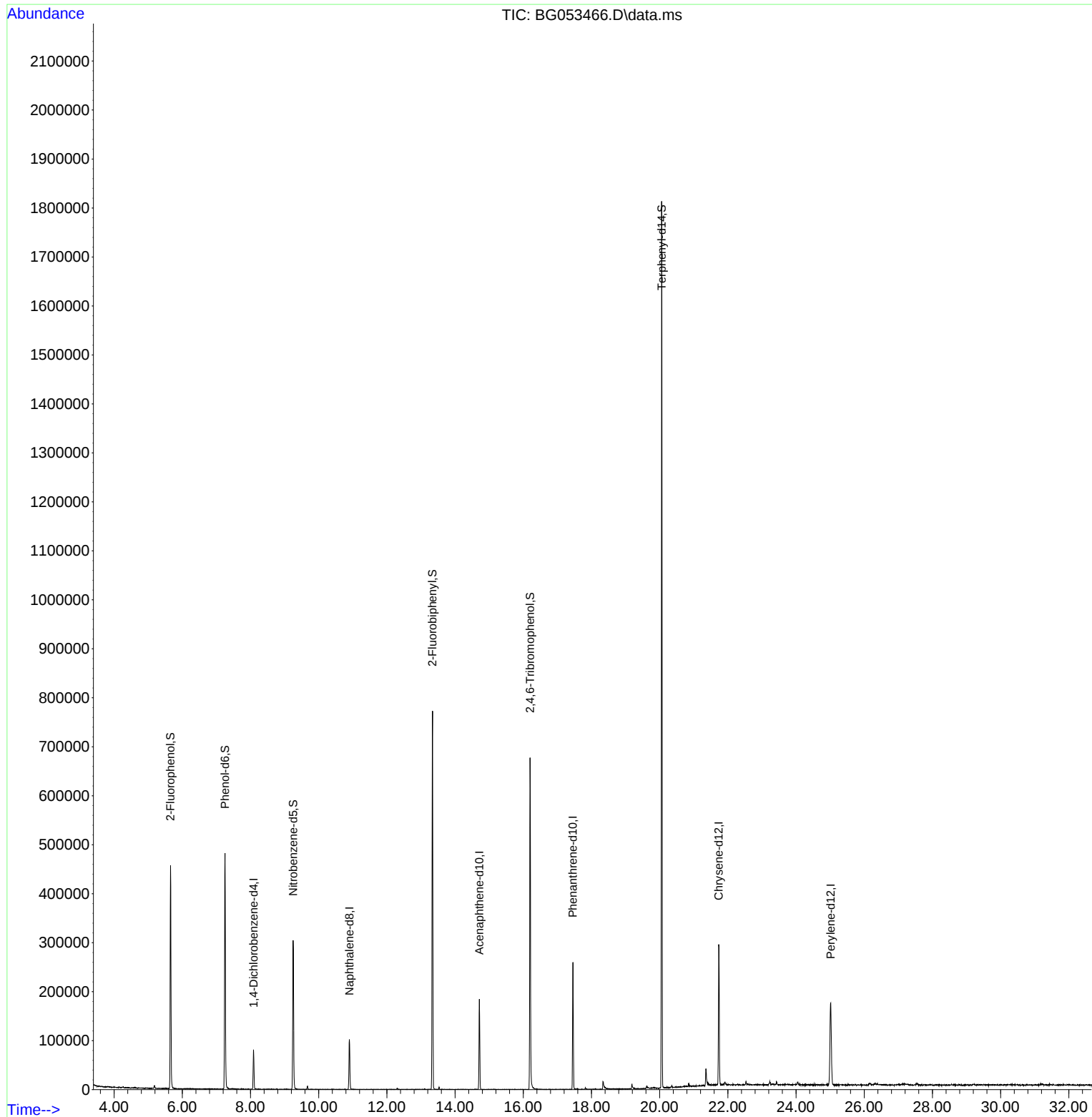
Target Compounds	Qvalue

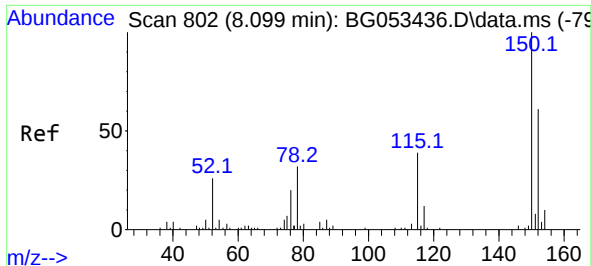
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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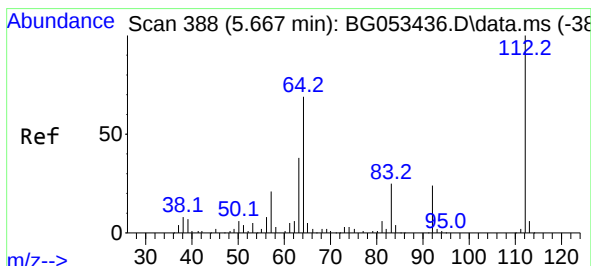
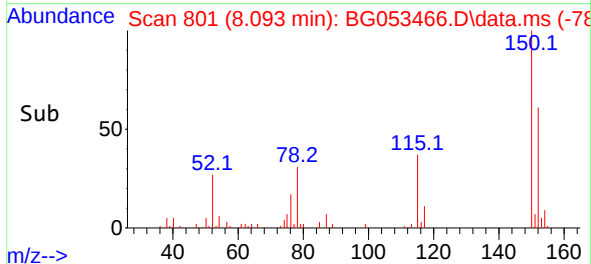
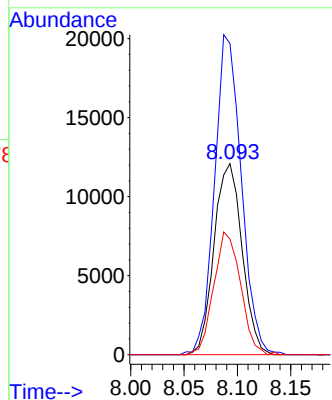
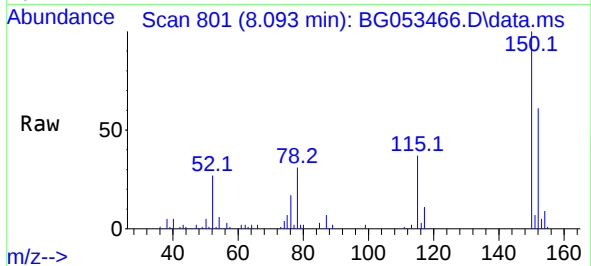




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.093 min Scan# 80
Delta R.T. -0.006 min
Lab File: BG053466.D
Acq: 6 May 2022 1:06

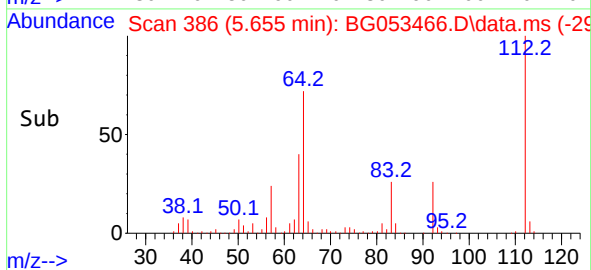
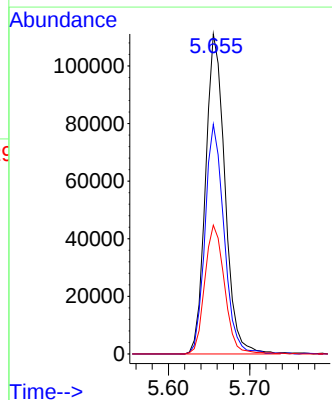
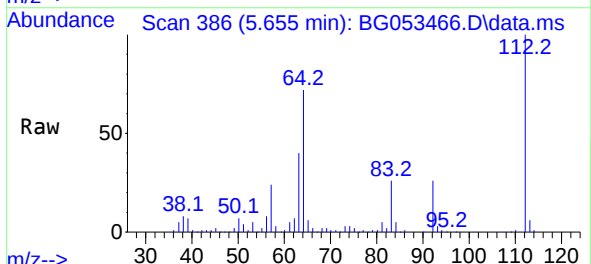
Instrument :
BNA_G
ClientSampleId :
SB-7,12

Tgt Ion:152 Resp: 22122
Ion Ratio Lower Upper
152 100
150 162.9 131.6 197.4
115 60.4 50.9 76.3



#5
2-Fluorophenol
Concen: 140.790 ng
RT: 5.655 min Scan# 386
Delta R.T. -0.012 min
Lab File: BG053466.D
Acq: 6 May 2022 1:06

Tgt Ion:112 Resp: 183518
Ion Ratio Lower Upper
112 100
64 71.8 55.1 82.7
63 40.2 30.4 45.6

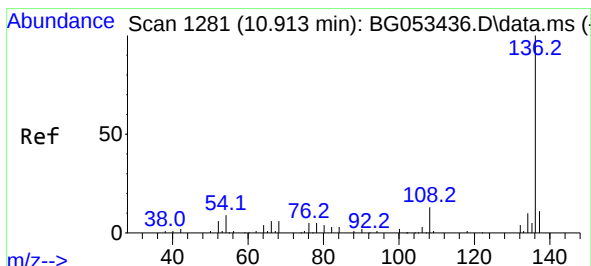
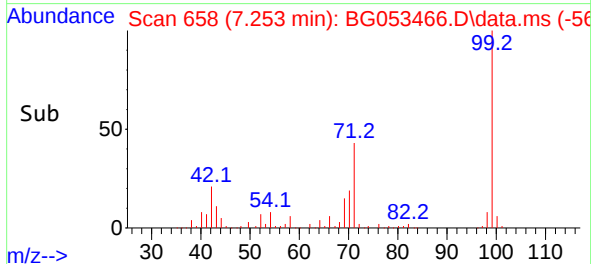
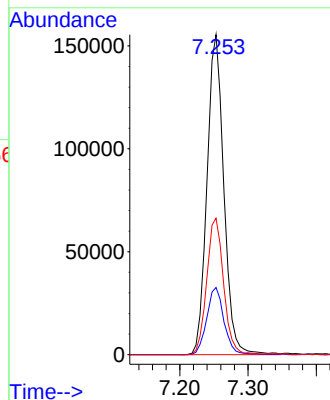
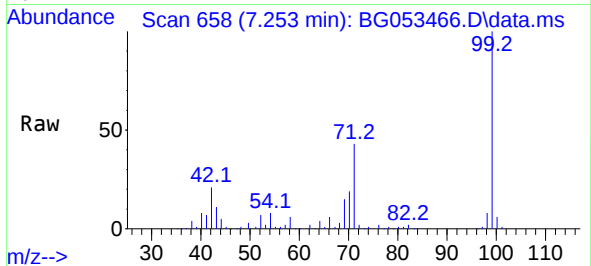




#7
Phenol-d6
Concen: 134.944 ng
RT: 7.253 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG053466.D
Acq: 6 May 2022 1:06

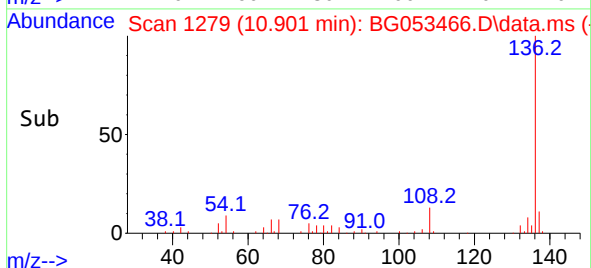
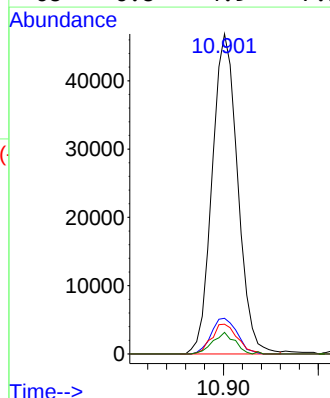
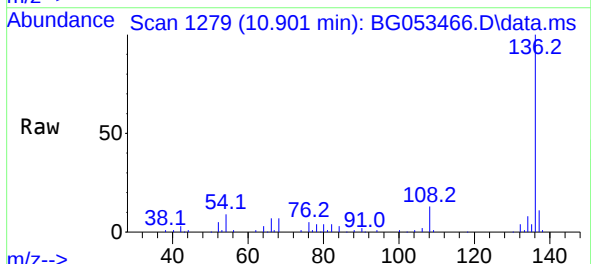
Instrument :
BNA_G
ClientSampleId :
SB-7,12

Tgt Ion: 99 Resp: 266953
Ion Ratio Lower Upper
99 100
42 21.0 17.0 25.6
71 42.7 33.8 50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.901 min Scan# 1279
Delta R.T. -0.012 min
Lab File: BG053466.D
Acq: 6 May 2022 1:06

Tgt Ion:136 Resp: 87659
Ion Ratio Lower Upper
136 100
137 11.2 8.5 12.7
54 9.3 7.4 11.2
68 6.8 4.9 7.3

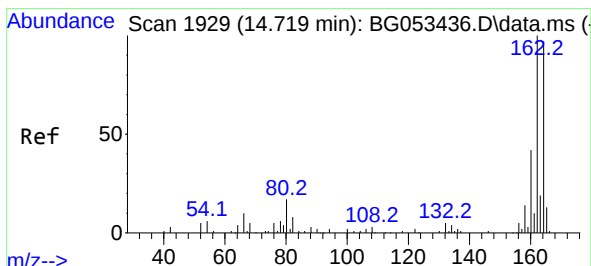
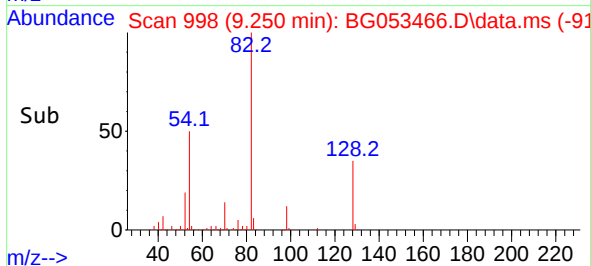
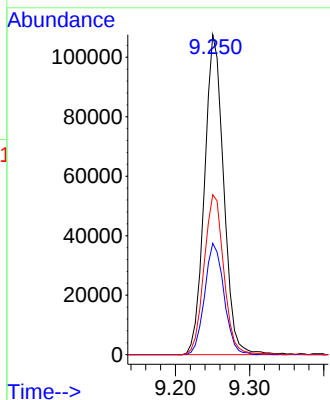
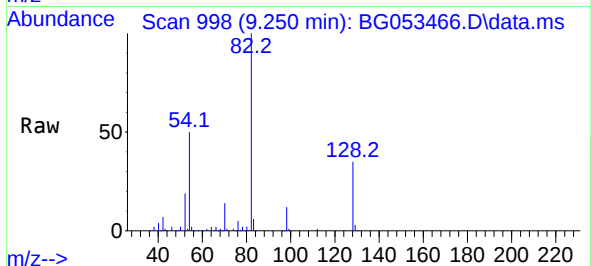




#23
Nitrobenzene-d5
Concen: 94.036 ng
RT: 9.250 min Scan# 91
Delta R.T. -0.012 min
Lab File: BG053466.D
Acq: 6 May 2022 1:06

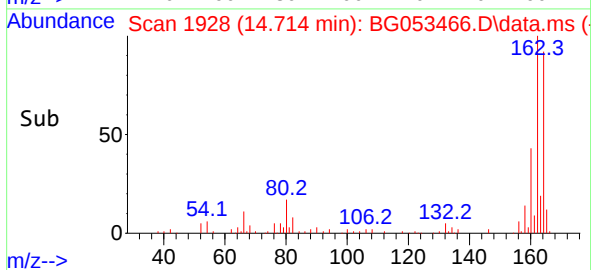
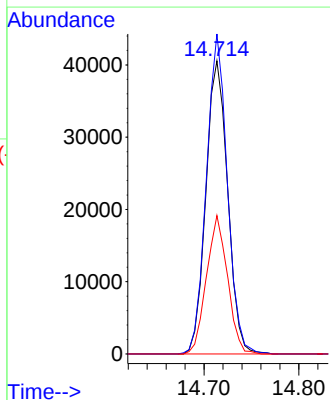
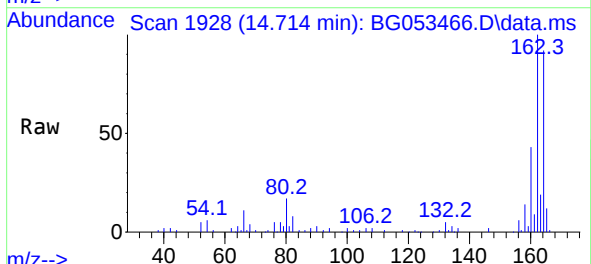
Instrument :
BNA_G
ClientSampleId :
SB-7,12

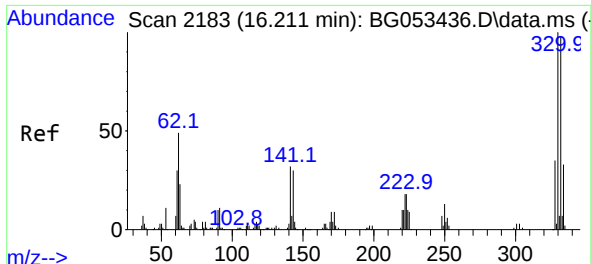
Tgt Ion: 82 Resp: 193644
Ion Ratio Lower Upper
82 100
128 34.8 27.9 41.9
54 50.0 41.2 61.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.714 min Scan# 1928
Delta R.T. -0.005 min
Lab File: BG053466.D
Acq: 6 May 2022 1:06

Tgt Ion: 164 Resp: 64809
Ion Ratio Lower Upper
164 100
162 109.2 82.3 123.5
160 47.2 34.2 51.2

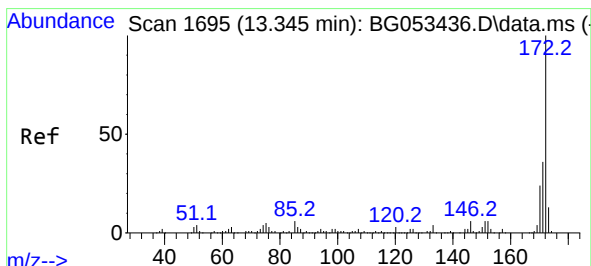
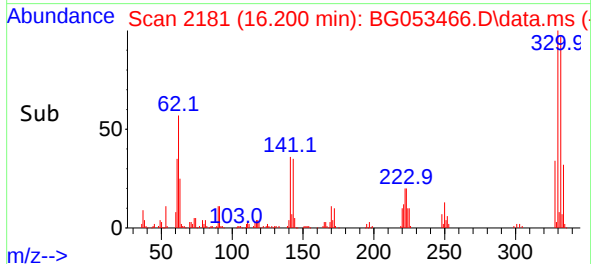
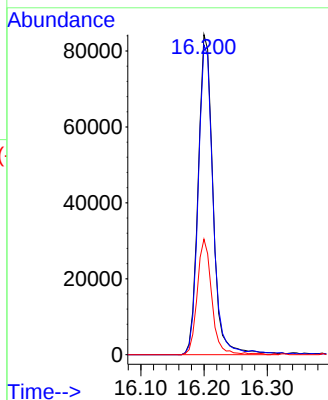
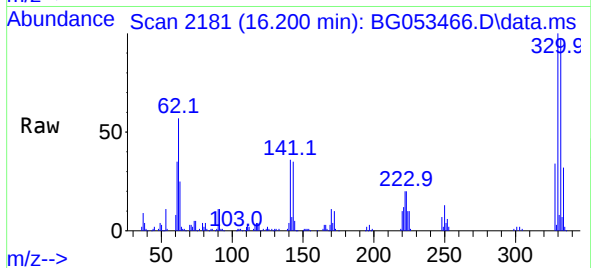




#42
2,4,6-Tribromophenol
Concen: 143.567 ng
RT: 16.200 min Scan# 2183
Delta R.T. -0.011 min
Lab File: BG053466.D
Acq: 6 May 2022 1:06

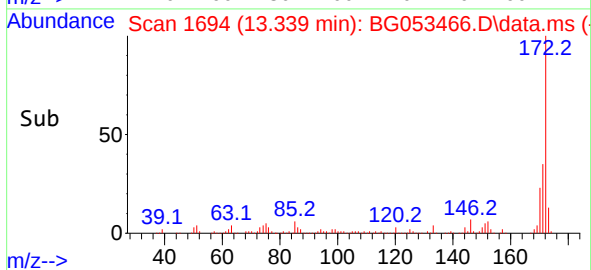
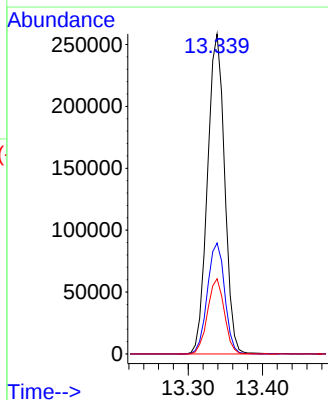
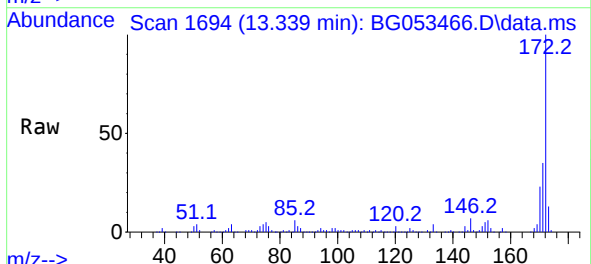
Instrument :
BNA_G
ClientSampleId :
SB-7,12

Tgt Ion:330 Resp: 137230
Ion Ratio Lower Upper
330 100
332 96.1 76.0 114.0
141 34.9 27.1 40.7



#45
2-Fluorobiphenyl
Concen: 93.534 ng
RT: 13.339 min Scan# 1694
Delta R.T. -0.006 min
Lab File: BG053466.D
Acq: 6 May 2022 1:06

Tgt Ion:172 Resp: 414829
Ion Ratio Lower Upper
172 100
171 34.6 28.5 42.7
170 23.5 18.9 28.3

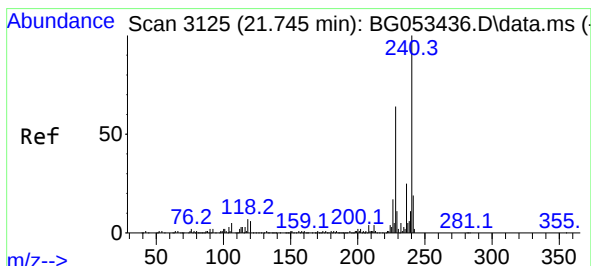
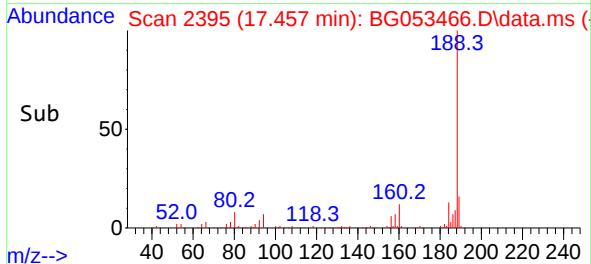
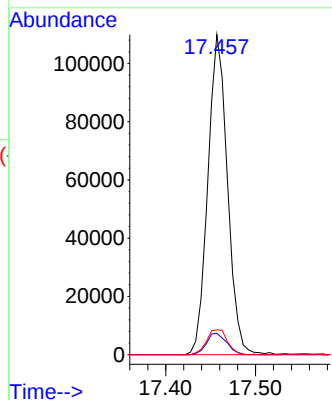
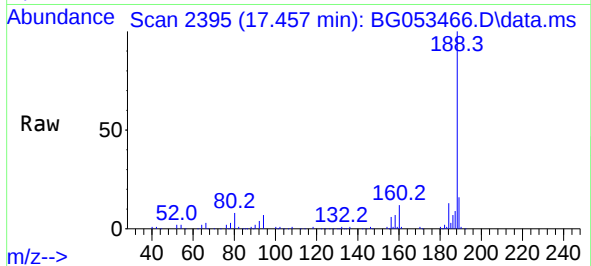




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.457 min Scan# 21
Delta R.T. -0.012 min
Lab File: BG053466.D
Acq: 6 May 2022 1:06

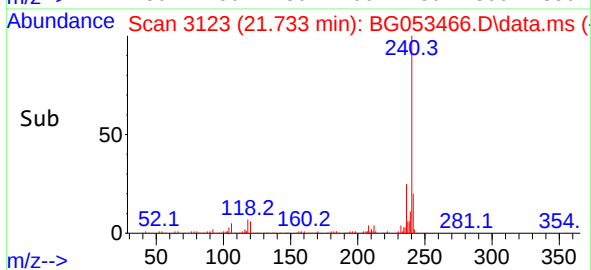
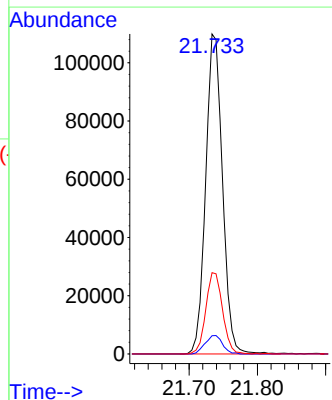
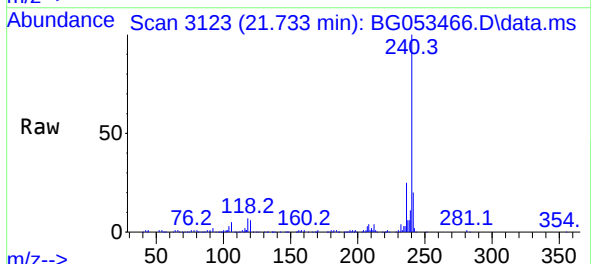
Instrument :
BNA_G
ClientSampleId :
SB-7,12

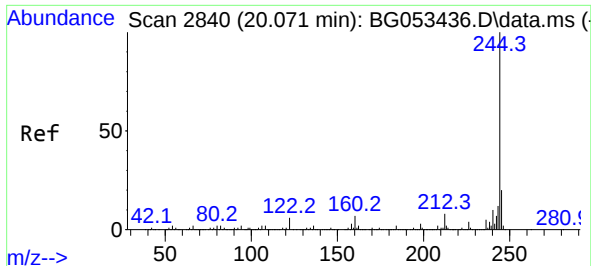
Tgt Ion:188 Resp: 166562
Ion Ratio Lower Upper
188 100
94 6.7 5.4 8.0
80 7.8 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.733 min Scan# 3123
Delta R.T. -0.012 min
Lab File: BG053466.D
Acq: 6 May 2022 1:06

Tgt Ion:240 Resp: 188203
Ion Ratio Lower Upper
240 100
120 5.7 4.6 7.0
236 25.4 20.2 30.4

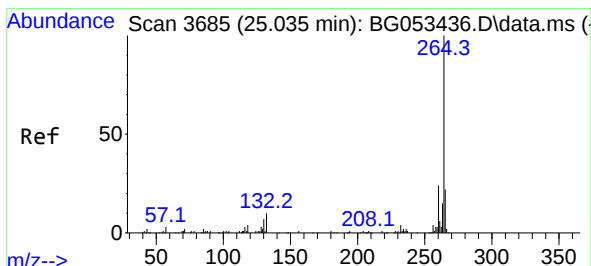
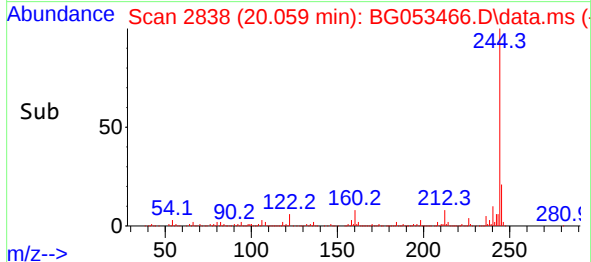
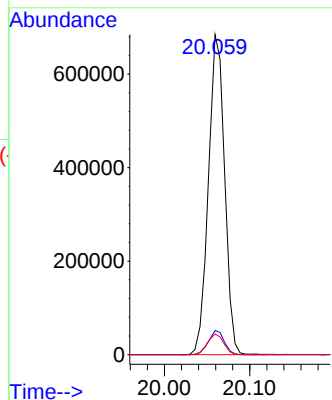
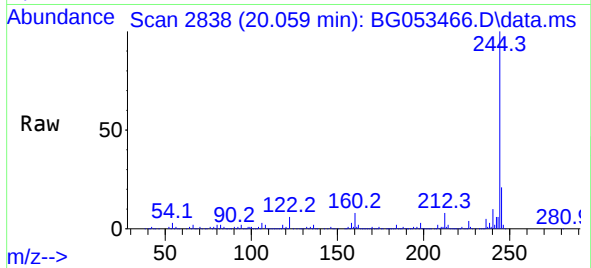




#79
 Terphenyl-d14
 Concen: 89.457 ng
 RT: 20.059 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BG053466.D
 Acq: 6 May 2022 1:06

Instrument :
 BNA_G
 ClientSampleId :
 SB-7,12

Tgt Ion:244 Resp: 903965
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.5 9.7
 122 6.4 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.017 min Scan# 3682
 Delta R.T. -0.017 min
 Lab File: BG053466.D
 Acq: 6 May 2022 1:06

Tgt Ion:264 Resp: 191610
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.0 28.6
 265 21.6 17.4 26.2

