

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050522\
 Data File : BG053458.D
 Acq On : 5 May 2022 19:54
 Operator : CG/JU
 Sample : N2677-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-1,9

Quant Time: May 06 03:48:09 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	22462	20.000	ng	0.00
21) Naphthalene-d8	10.901	136	88542	20.000	ng	-0.01
39) Acenaphthene-d10	14.714	164	66051	20.000	ng	0.00
64) Phenanthrene-d10	17.457	188	168423	20.000	ng	-0.01
76) Chrysene-d12	21.739	240	191766	20.000	ng	0.00
86) Perylene-d12	25.012	264	195498	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.655	112	171212	129.361	ng	-0.01
7) Phenol-d6	7.253	99	250103	124.513	ng	0.00
23) Nitrobenzene-d5	9.251	82	178371	85.756	ng	-0.01
42) 2,4,6-Tribromophenol	16.200	330	124900	128.211	ng	-0.01
45) 2-Fluorobiphenyl	13.339	172	387442	85.716	ng	0.00
79) Terphenyl-d14	20.059	244	842939	81.868	ng	-0.01

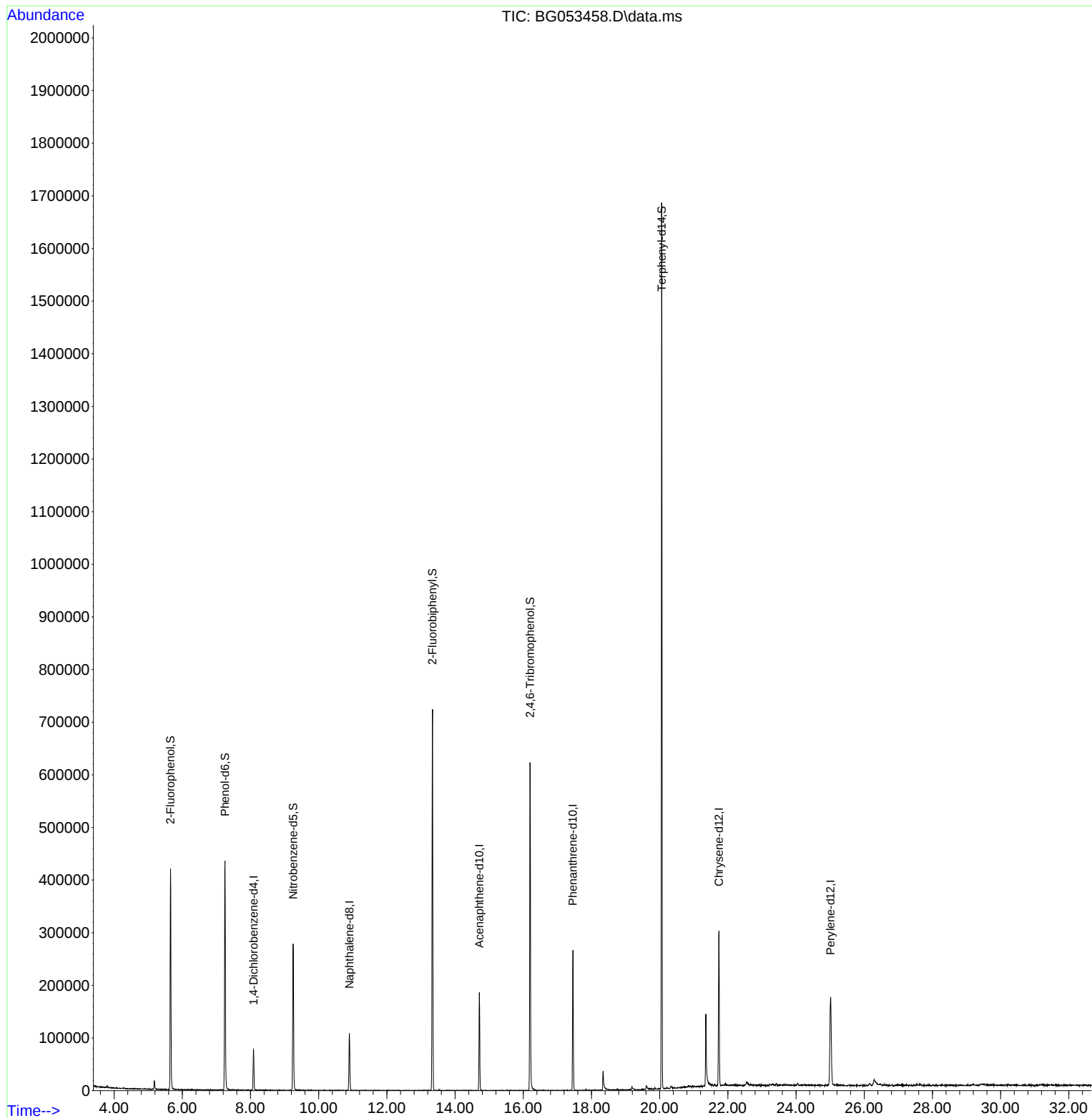
Target Compounds	Qvalue

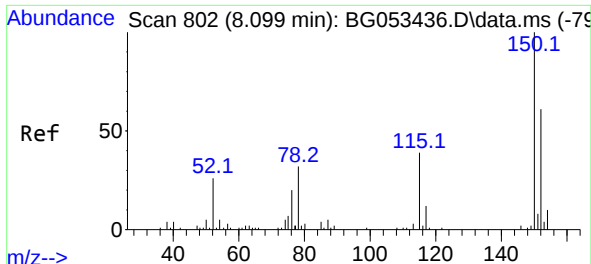
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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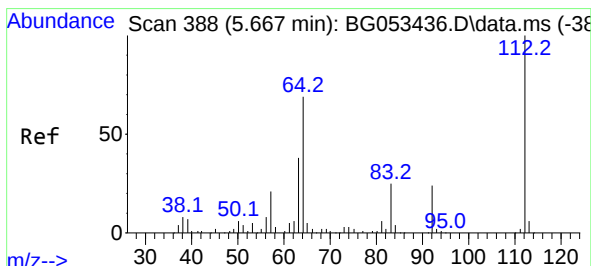
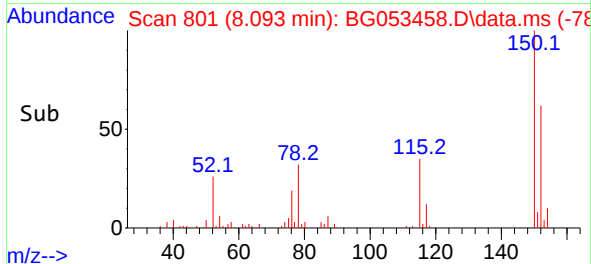
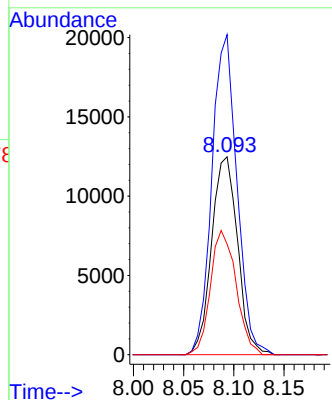
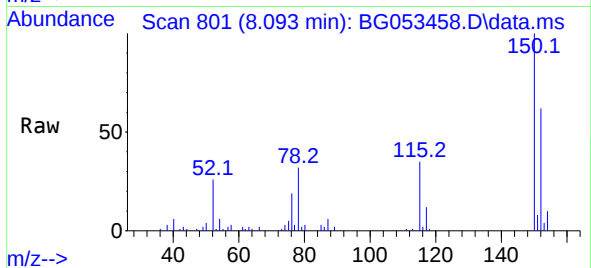




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.093 min Scan# 801
Delta R.T. -0.006 min
Lab File: BG053458.D
Acq: 5 May 2022 19:54

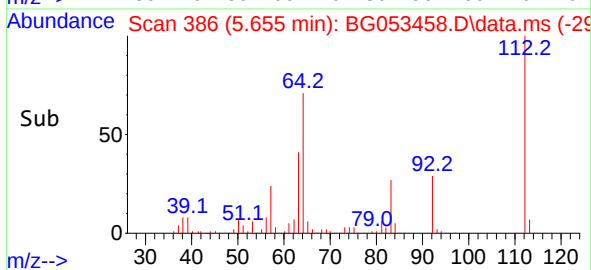
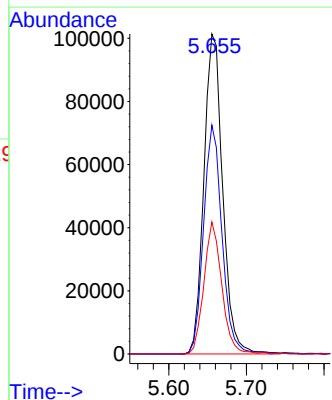
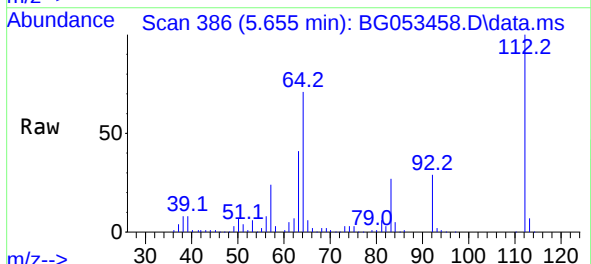
Instrument :
BNA_G
ClientSampleId :
SB-1,9

Tgt Ion:152 Resp: 22462
Ion Ratio Lower Upper
152 100
150 161.7 131.6 197.4
115 55.9 50.9 76.3



#5
2-Fluorophenol
Concen: 129.361 ng
RT: 5.655 min Scan# 386
Delta R.T. -0.012 min
Lab File: BG053458.D
Acq: 5 May 2022 19:54

Tgt Ion:112 Resp: 171212
Ion Ratio Lower Upper
112 100
64 71.5 55.1 82.7
63 41.2 30.4 45.6

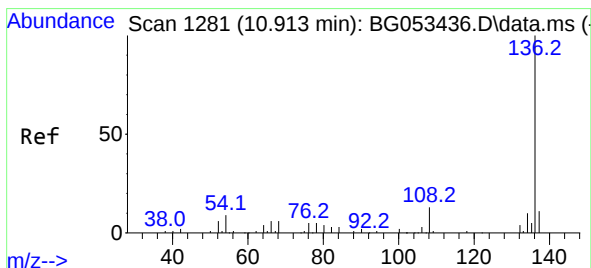
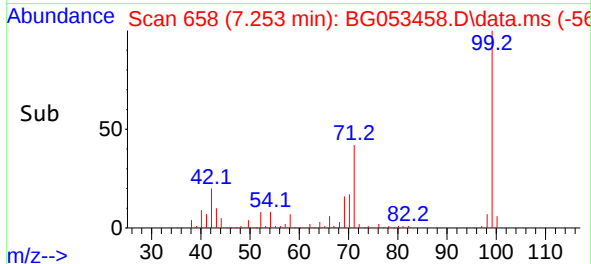
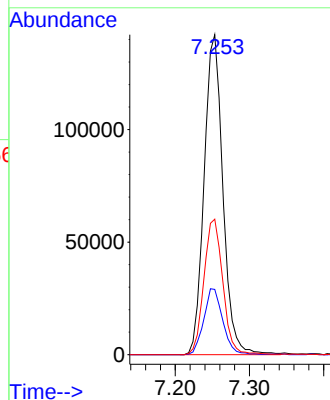
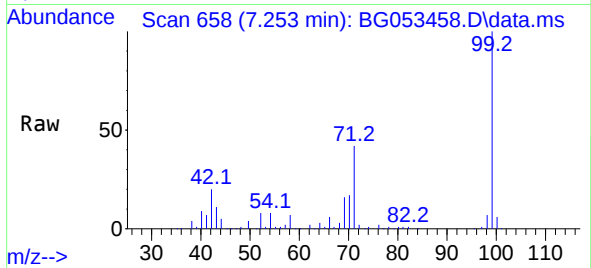




#7
Phenol-d6
Concen: 124.513 ng
RT: 7.253 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG053458.D
Acq: 5 May 2022 19:54

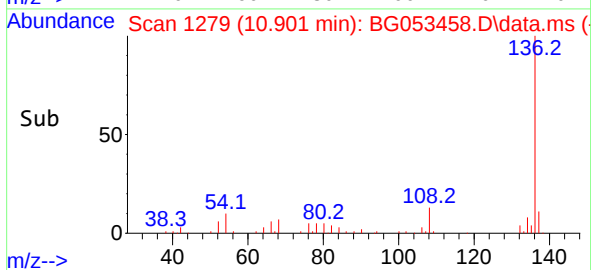
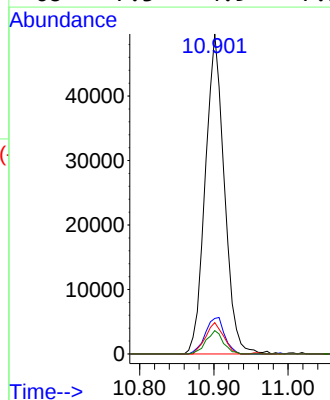
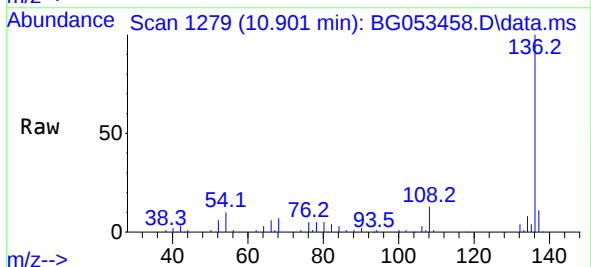
Instrument :
BNA_G
ClientSampleId :
SB-1,9

Tgt Ion: 99 Resp: 250103
Ion Ratio Lower Upper
99 100
42 20.4 17.0 25.6
71 42.3 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: BG053458.D
Acq: 5 May 2022 19:54

Tgt Ion: 136 Resp: 88542
Ion Ratio Lower Upper
136 100
137 11.1 8.5 12.7
54 9.8 7.4 11.2
68 7.3 4.9 7.3

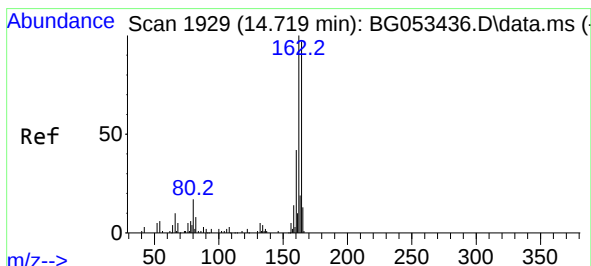
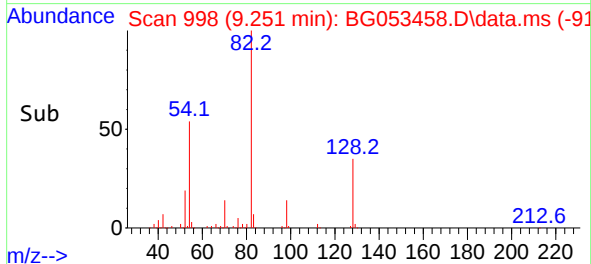
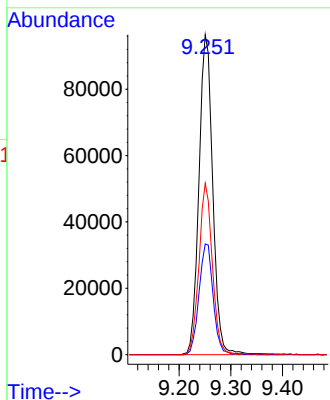
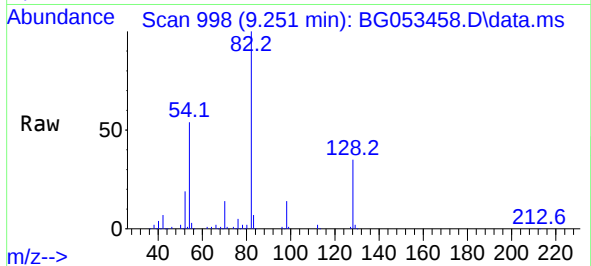




#23
Nitrobenzene-d5
Concen: 85.756 ng
RT: 9.251 min Scan# 91
Delta R.T. -0.011 min
Lab File: BG053458.D
Acq: 5 May 2022 19:54

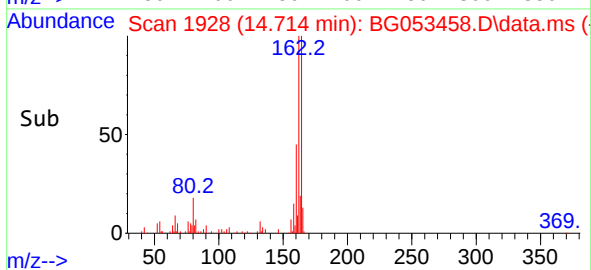
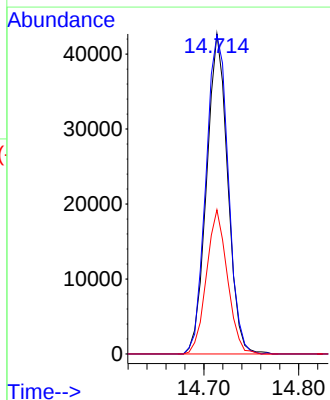
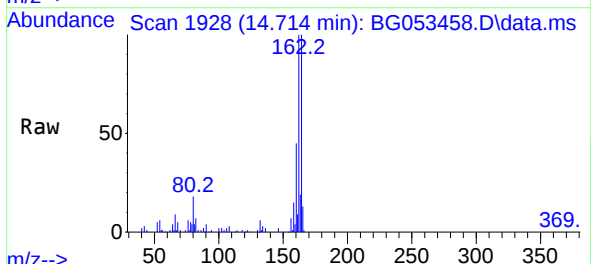
Instrument :
BNA_G
ClientSampleId :
SB-1,9

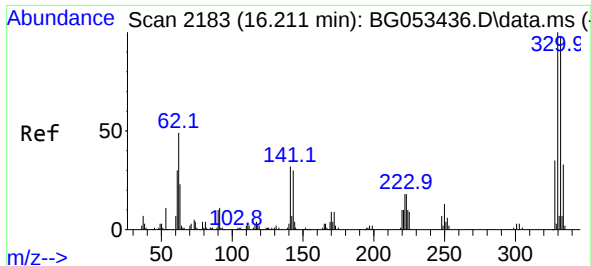
Tgt Ion: 82 Resp: 178371
Ion Ratio Lower Upper
82 100
128 34.6 27.9 41.9
54 53.6 41.2 61.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.714 min Scan# 1928
Delta R.T. -0.005 min
Lab File: BG053458.D
Acq: 5 May 2022 19:54

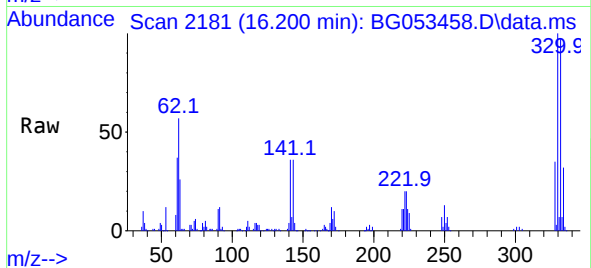
Tgt Ion:164 Resp: 66051
Ion Ratio Lower Upper
164 100
162 99.6 82.3 123.5
160 45.1 34.2 51.2



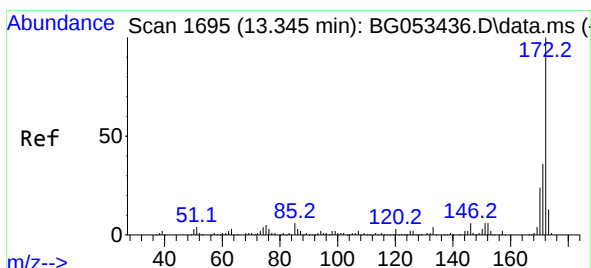
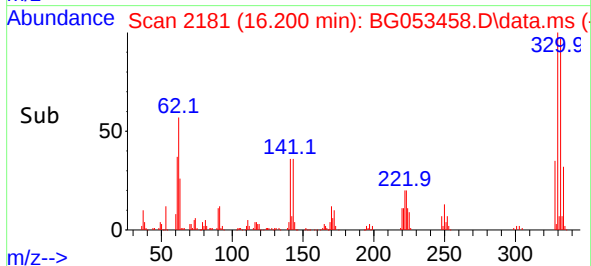
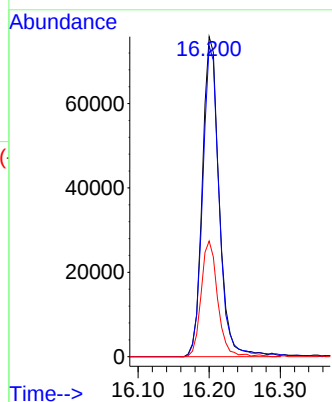


#42
2,4,6-Tribromophenol
Concen: 128.211 ng
RT: 16.200 min Scan# 2183
Delta R.T. -0.011 min
Lab File: BG053458.D
Acq: 5 May 2022 19:54

Instrument :
BNA_G
ClientSampleId :
SB-1,9

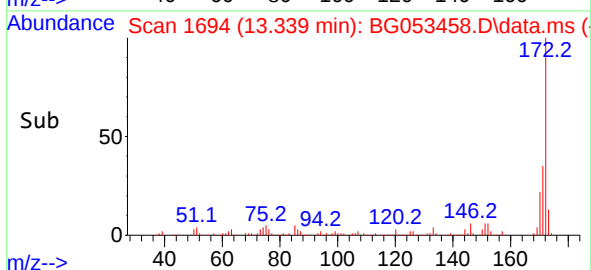
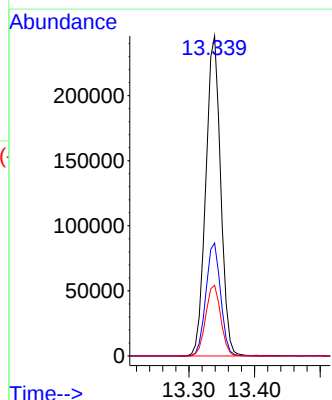
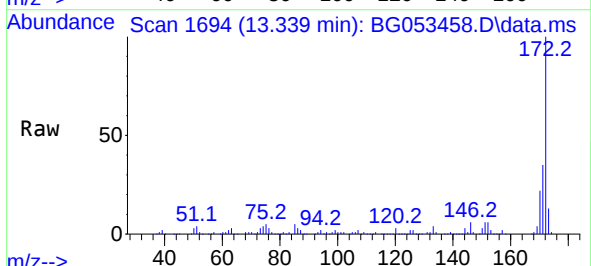


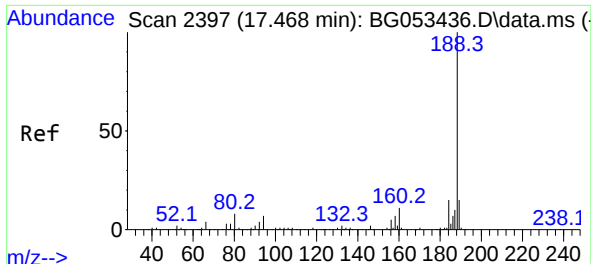
Tgt Ion:330 Resp: 124900
Ion Ratio Lower Upper
330 100
332 96.1 76.0 114.0
141 35.3 27.1 40.7



#45
2-Fluorobiphenyl
Concen: 85.716 ng
RT: 13.339 min Scan# 1694
Delta R.T. -0.006 min
Lab File: BG053458.D
Acq: 5 May 2022 19:54

Tgt Ion:172 Resp: 387442
Ion Ratio Lower Upper
172 100
171 35.3 28.5 42.7
170 22.1 18.9 28.3

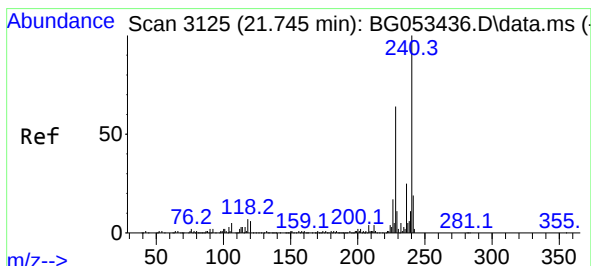
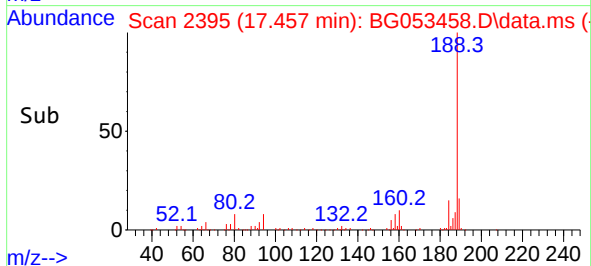
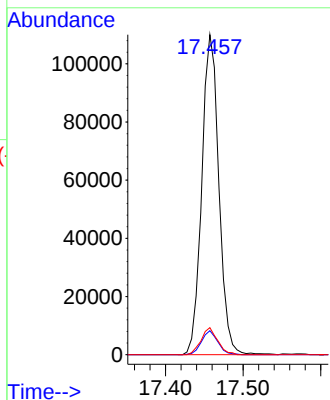
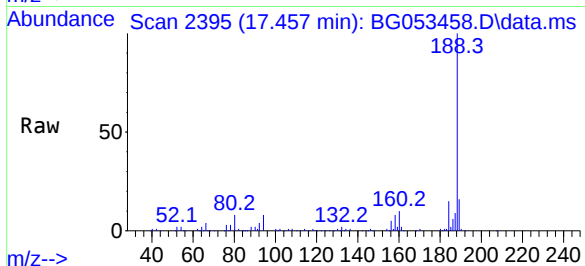




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.457 min Scan# 21
Delta R.T. -0.011 min
Lab File: BG053458.D
Acq: 5 May 2022 19:54

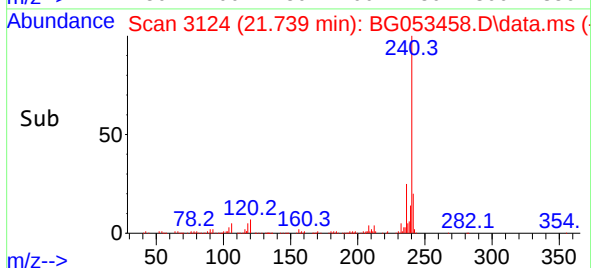
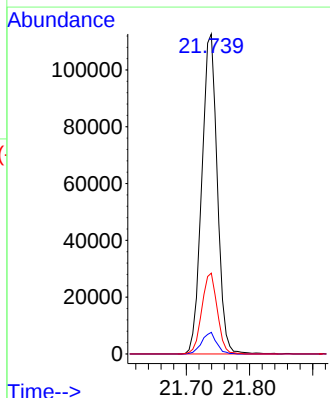
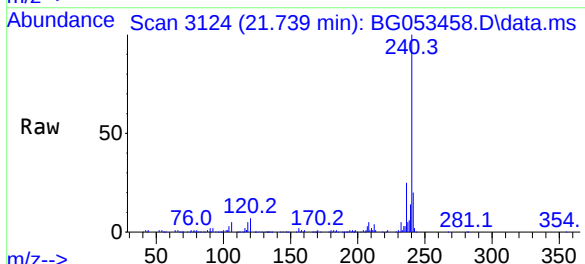
Instrument :
BNA_G
ClientSampleId :
SB-1,9

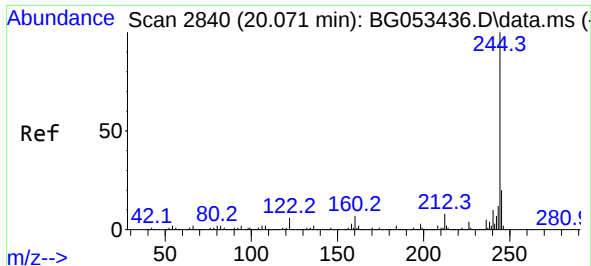
Tgt Ion:188 Resp: 168423
Ion Ratio Lower Upper
188 100
94 7.5 5.4 8.0
80 8.4 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.739 min Scan# 3124
Delta R.T. -0.006 min
Lab File: BG053458.D
Acq: 5 May 2022 19:54

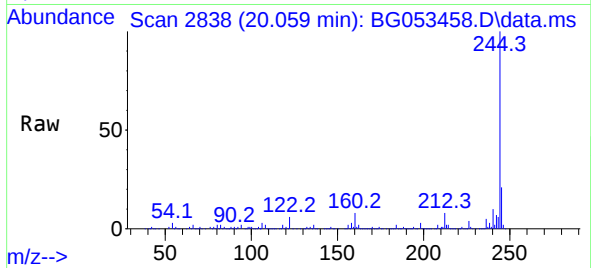
Tgt Ion:240 Resp: 191766
Ion Ratio Lower Upper
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120 6.8 4.6 7.0
236 25.2 20.2 30.4



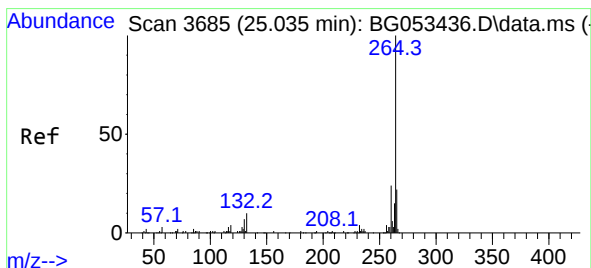
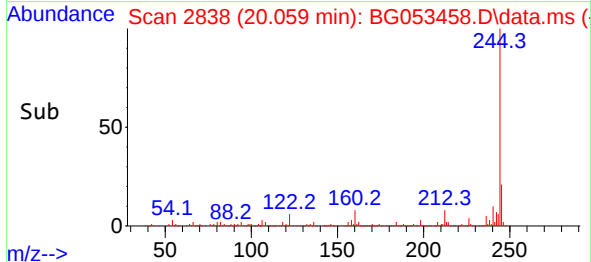
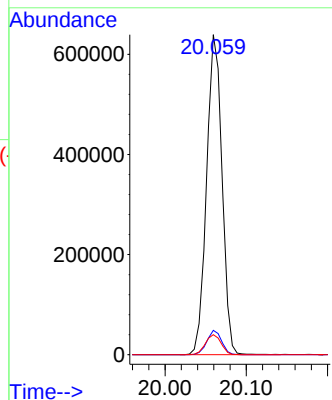


#79
 Terphenyl-d14
 Concen: 81.868 ng
 RT: 20.059 min Scan# 2838
 Delta R.T. -0.012 min
 Lab File: BG053458.D
 Acq: 5 May 2022 19:54

Instrument :
 BNA_G
 ClientSampleId :
 SB-1,9



Tgt Ion:244 Resp: 842939
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.5 9.7
 122 6.2 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.012 min Scan# 3681
 Delta R.T. -0.023 min
 Lab File: BG053458.D
 Acq: 5 May 2022 19:54

Tgt Ion:264 Resp: 195498
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.0 28.6
 265 20.5 17.4 26.2

