

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050922\
 Data File : BG053498.D
 Acq On : 9 May 2022 18:23
 Operator : CG/JU
 Sample : N2745-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-31S

Quant Time: May 10 03:02:50 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	8.094	152	27648	20.000	ng	0.00
21) Naphthalene-d8	10.902	136	112254	20.000	ng	-0.01
39) Acenaphthene-d10	14.714	164	81575	20.000	ng	0.00
64) Phenanthrene-d10	17.457	188	189338	20.000	ng	-0.01
76) Chrysene-d12	21.734	240	196449	20.000	ng	-0.01
86) Perylene-d12	25.012	264	197815	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.656	112	191626	117.627	ng	-0.01
7) Phenol-d6	7.253	99	273246	110.518	ng	0.00
23) Nitrobenzene-d5	9.251	82	188763	71.582	ng	-0.01
42) 2,4,6-Tribromophenol	16.200	330	126749	105.349	ng	-0.01
45) 2-Fluorobiphenyl	13.334	172	392951	70.391	ng	-0.01
79) Terphenyl-d14	20.060	244	696134	65.998	ng	-0.01

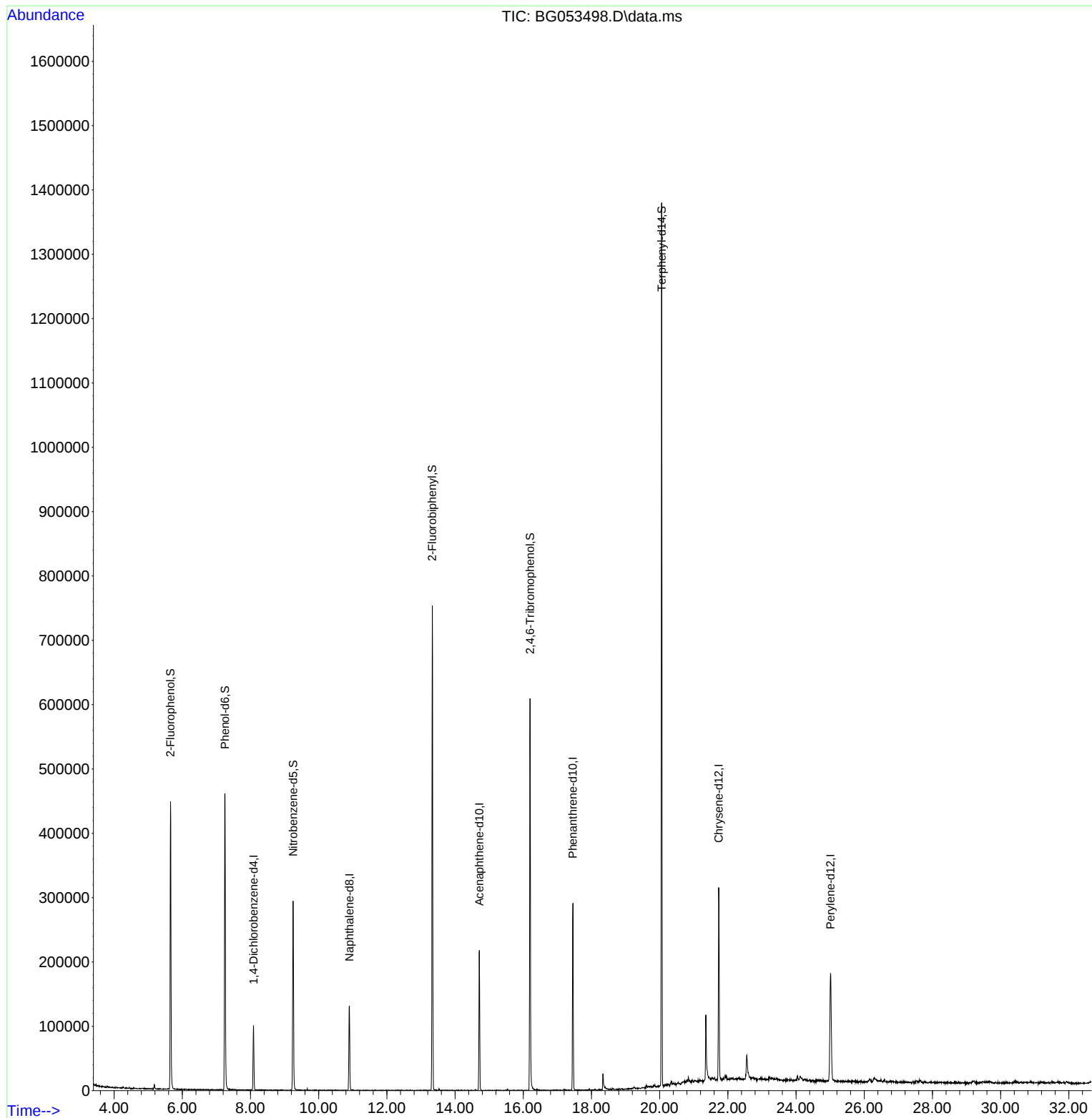
Target Compounds	Qvalue

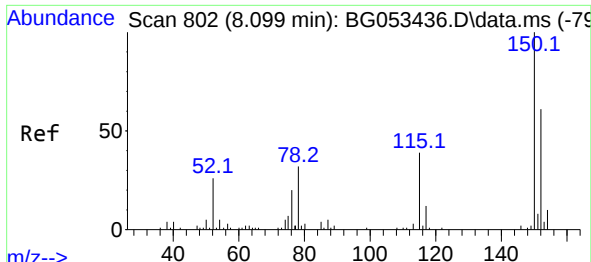
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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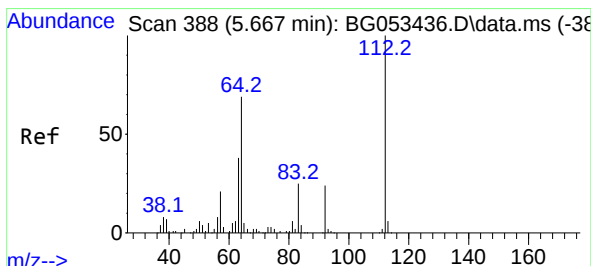
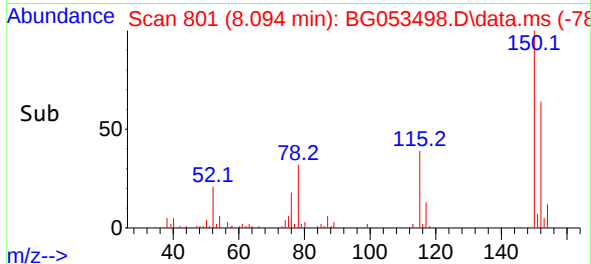
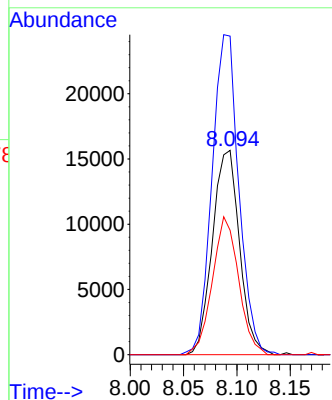
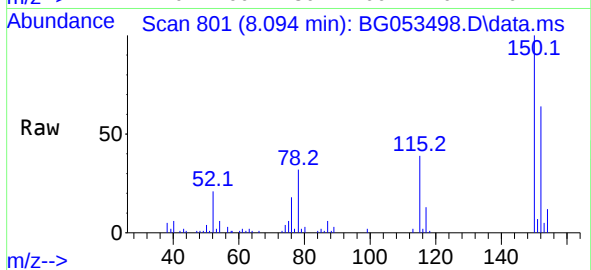




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.094 min Scan# 801
Delta R.T. -0.005 min
Lab File: BG053498.D
Acq: 9 May 2022 18:23

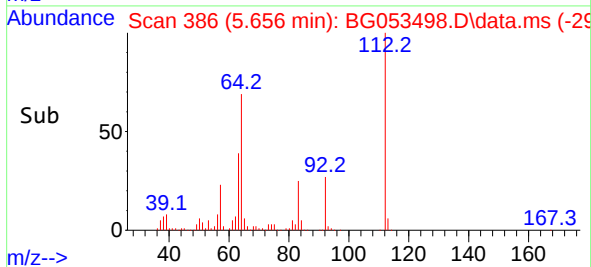
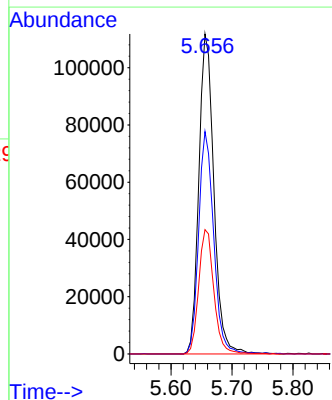
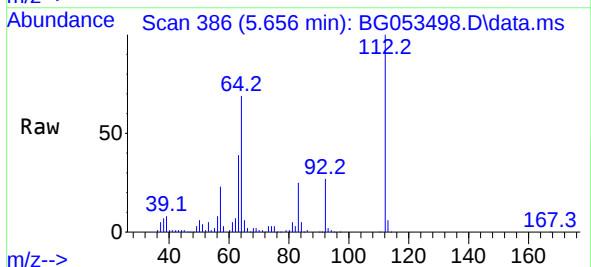
Instrument :
BNA_G
ClientSampleId :
MH-31S

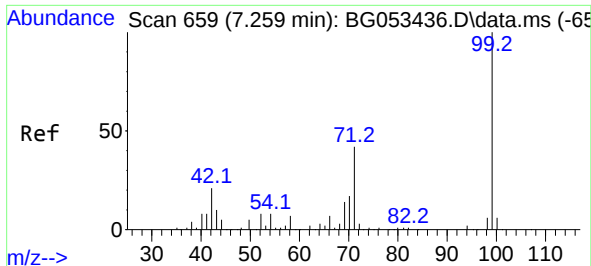
Tgt Ion:152 Resp: 27648
Ion Ratio Lower Upper
152 100
150 155.9 131.6 197.4
115 60.8 50.9 76.3



#5
2-Fluorophenol
Concen: 117.627 ng
RT: 5.656 min Scan# 386
Delta R.T. -0.011 min
Lab File: BG053498.D
Acq: 9 May 2022 18:23

Tgt Ion:112 Resp: 191626
Ion Ratio Lower Upper
112 100
64 69.5 55.1 82.7
63 38.8 30.4 45.6

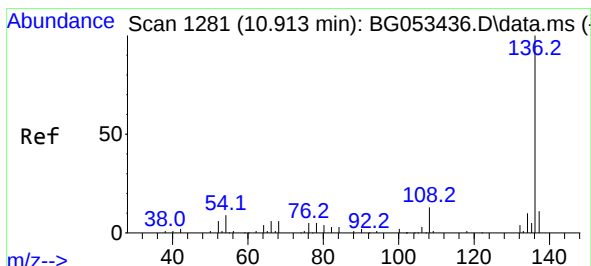
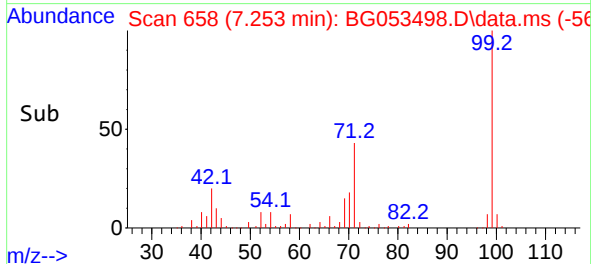
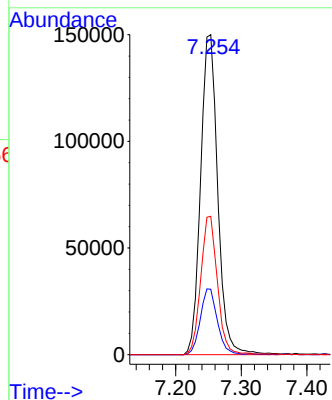
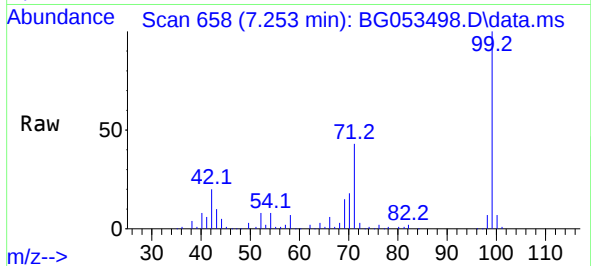




#7
Phenol-d6
Concen: 110.518 ng
RT: 7.253 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG053498.D
Acq: 9 May 2022 18:23

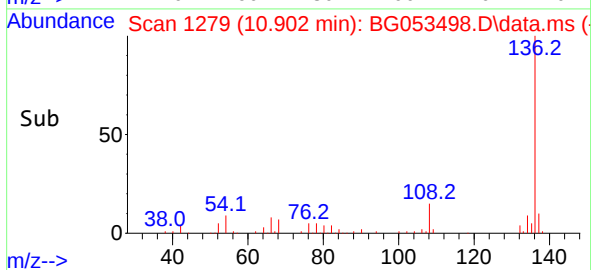
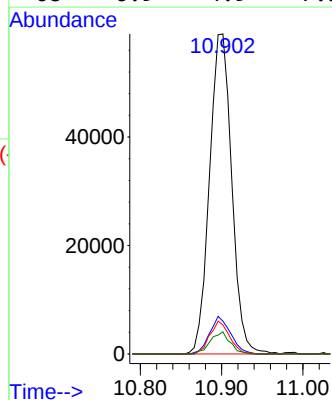
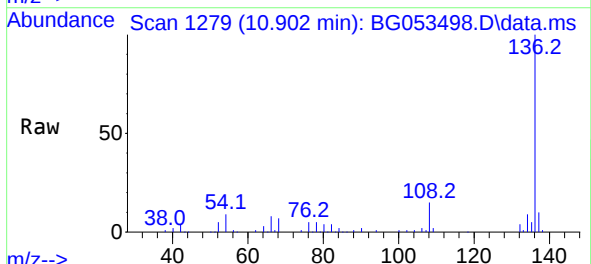
Instrument :
BNA_G
ClientSampleId :
MH-31S

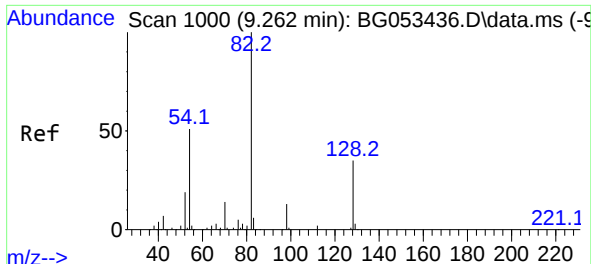
Tgt Ion: 99 Resp: 273246
Ion Ratio Lower Upper
99 100
42 20.4 17.0 25.6
71 43.3 33.8 50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.902 min Scan# 1279
Delta R.T. -0.011 min
Lab File: BG053498.D
Acq: 9 May 2022 18:23

Tgt Ion:136 Resp: 112254
Ion Ratio Lower Upper
136 100
137 10.2 8.5 12.7
54 9.0 7.4 11.2
68 6.9 4.9 7.3

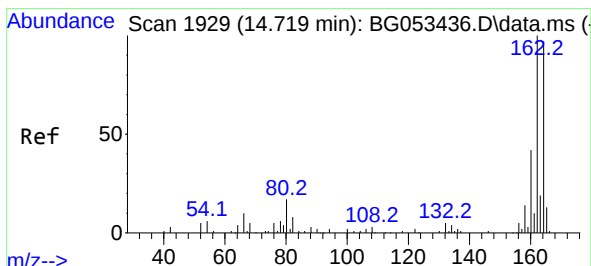
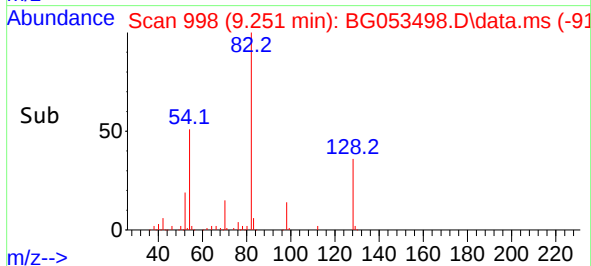
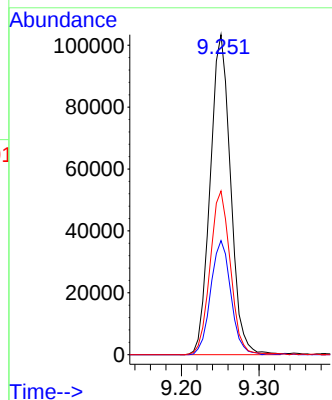
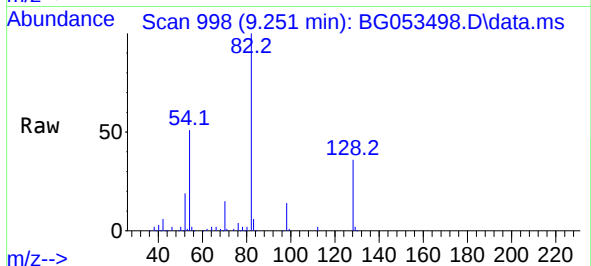




#23
Nitrobenzene-d5
Concen: 71.582 ng
RT: 9.251 min Scan# 91
Delta R.T. -0.011 min
Lab File: BG053498.D
Acq: 9 May 2022 18:23

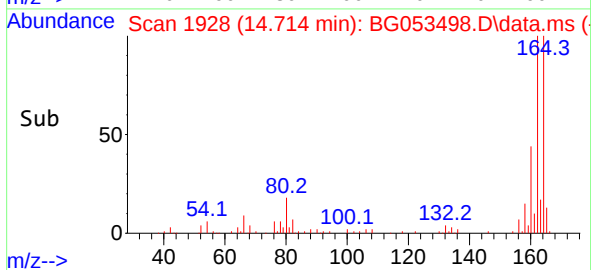
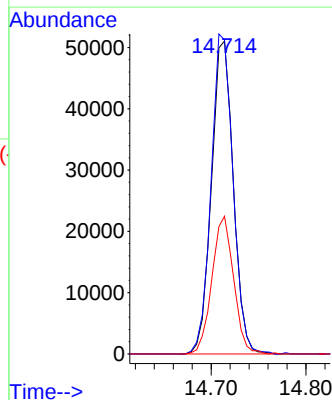
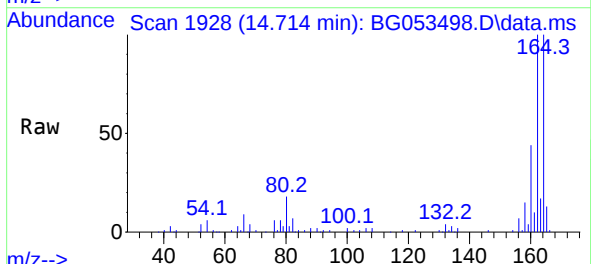
Instrument :
BNA_G
ClientSampleId :
MH-31S

Tgt Ion: 82 Resp: 188763
Ion Ratio Lower Upper
82 100
128 35.7 27.9 41.9
54 51.1 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: BG053498.D
Acq: 9 May 2022 18:23

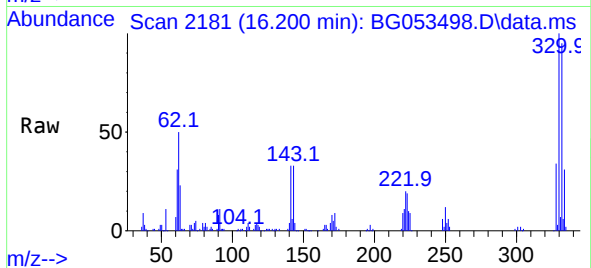
Tgt Ion: 164 Resp: 81575
Ion Ratio Lower Upper
164 100
162 100.3 82.3 123.5
160 44.0 34.2 51.2



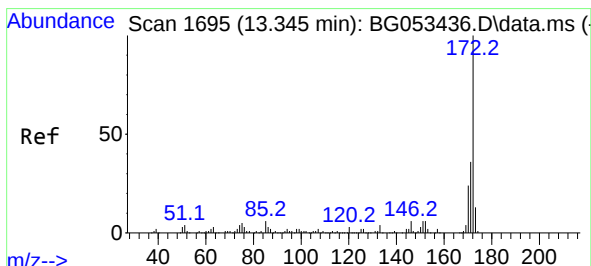
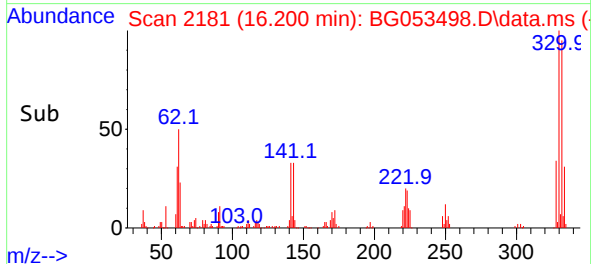
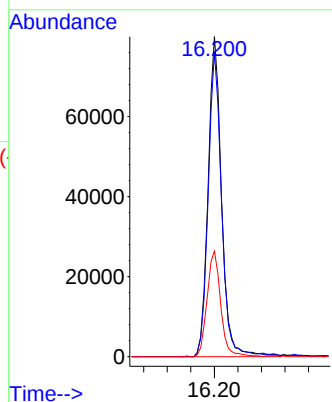


#42
2,4,6-Tribromophenol
Concen: 105.349 ng
RT: 16.200 min Scan# 2183
Delta R.T. -0.011 min
Lab File: BG053498.D
Acq: 9 May 2022 18:23

Instrument :
BNA_G
ClientSampleId :
MH-31S

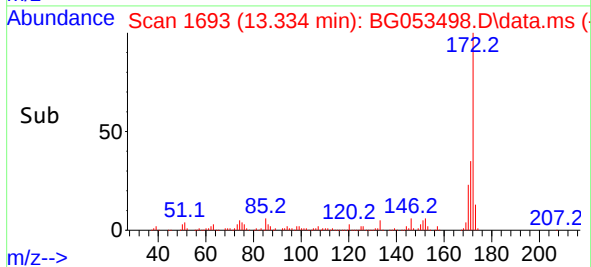
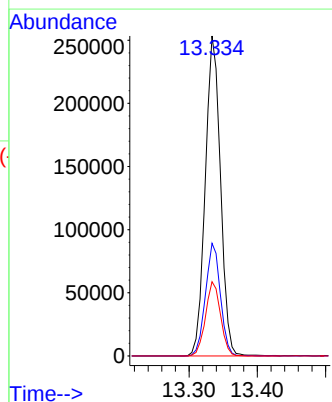
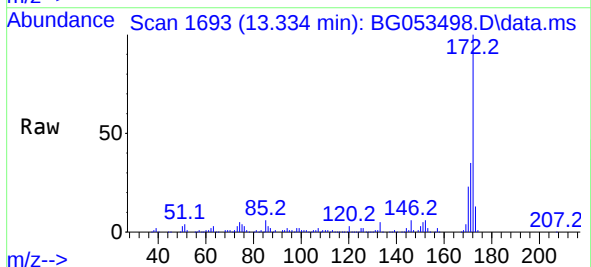


Tgt Ion:330 Resp: 126749
Ion Ratio Lower Upper
330 100
332 94.6 76.0 114.0
141 33.4 27.1 40.7



#45
2-Fluorobiphenyl
Concen: 70.391 ng
RT: 13.334 min Scan# 1693
Delta R.T. -0.011 min
Lab File: BG053498.D
Acq: 9 May 2022 18:23

Tgt Ion:172 Resp: 392951
Ion Ratio Lower Upper
172 100
171 35.2 28.5 42.7
170 23.2 18.9 28.3

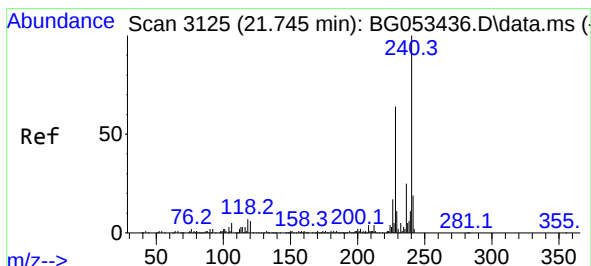
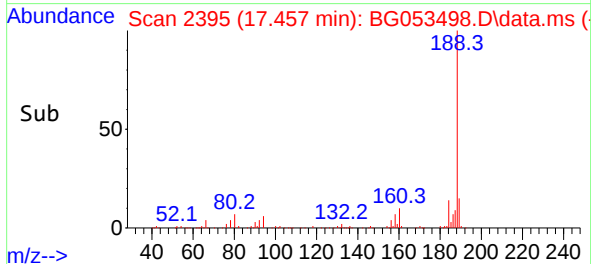
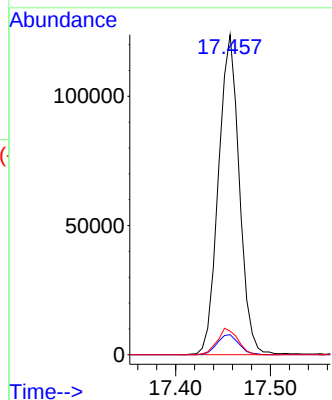
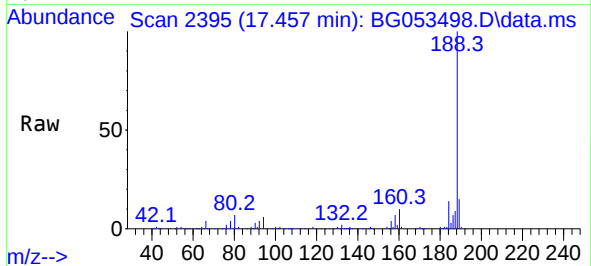




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.457 min Scan# 21
Delta R.T. -0.011 min
Lab File: BG053498.D
Acq: 9 May 2022 18:23

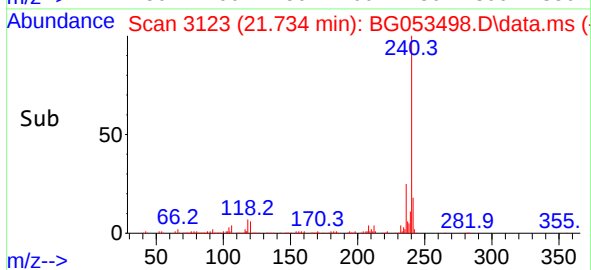
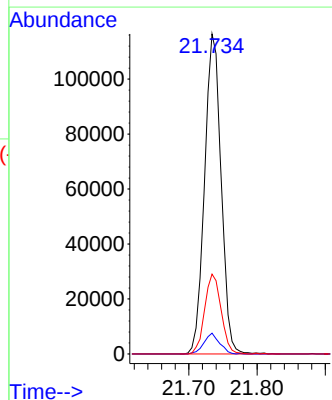
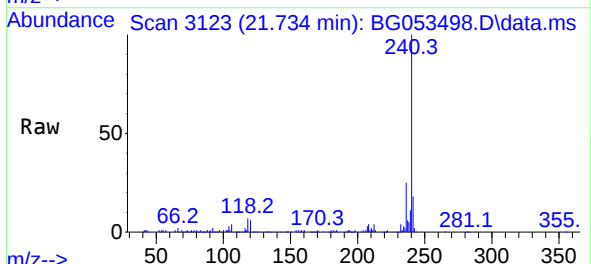
Instrument :
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ClientSampleId :
MH-31S

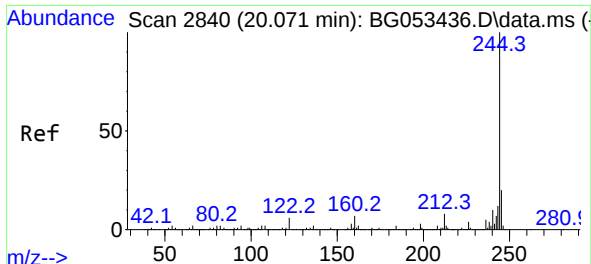
Tgt Ion:188 Resp: 189338
Ion Ratio Lower Upper
188 100
94 6.3 5.4 8.0
80 7.4 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.734 min Scan# 3123
Delta R.T. -0.011 min
Lab File: BG053498.D
Acq: 9 May 2022 18:23

Tgt Ion:240 Resp: 196449
Ion Ratio Lower Upper
240 100
120 6.5 4.6 7.0
236 24.9 20.2 30.4

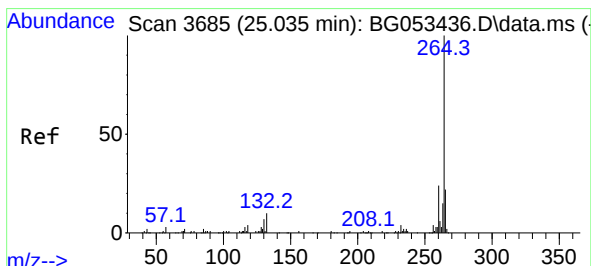
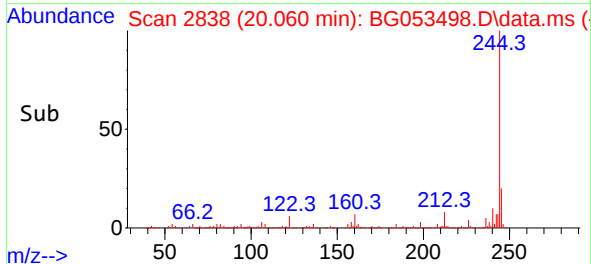
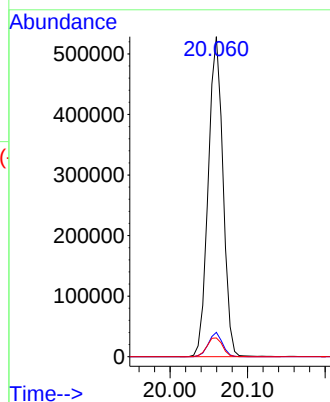
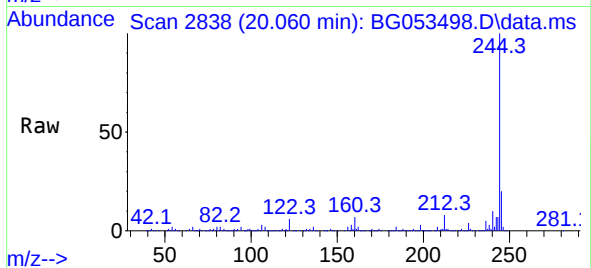




#79
 Terphenyl-d14
 Concen: 65.998 ng
 RT: 20.060 min Scan# 21
 Delta R.T. -0.011 min
 Lab File: BG053498.D
 Acq: 9 May 2022 18:23

Instrument :
 BNA_G
 ClientSampleId :
 MH-31S

Tgt Ion:244 Resp: 696134
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.5 9.7
 122 5.9 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: BG053498.D
 Acq: 9 May 2022 18:23

Tgt Ion:264 Resp: 197815
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.0 28.6
 265 20.0 17.4 26.2

