

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050622\
 Data File : BG053482.D
 Acq On : 6 May 2022 20:09
 Operator : CG/JU
 Sample : N2703-08
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-29D

Quant Time: May 06 22:53:37 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	8.088	152	17911	20.000	ng	-0.01
21) Naphthalene-d8	10.902	136	74609	20.000	ng	-0.01
39) Acenaphthene-d10	14.714	164	59797	20.000	ng	0.00
64) Phenanthrene-d10	17.457	188	168580	20.000	ng	-0.01
76) Chrysene-d12	21.740	240	187075	20.000	ng	0.00
86) Perylene-d12	25.018	264	184037	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.656	112	160953	152.509	ng	-0.01
7) Phenol-d6	7.253	99	223369	139.459	ng	0.00
23) Nitrobenzene-d5	9.251	82	180457	102.960	ng	-0.01
42) 2,4,6-Tribromophenol	16.200	330	133712	151.612	ng	-0.01
45) 2-Fluorobiphenyl	13.339	172	397958	97.250	ng	0.00
79) Terphenyl-d14	20.060	244	1008009	100.355	ng	-0.01

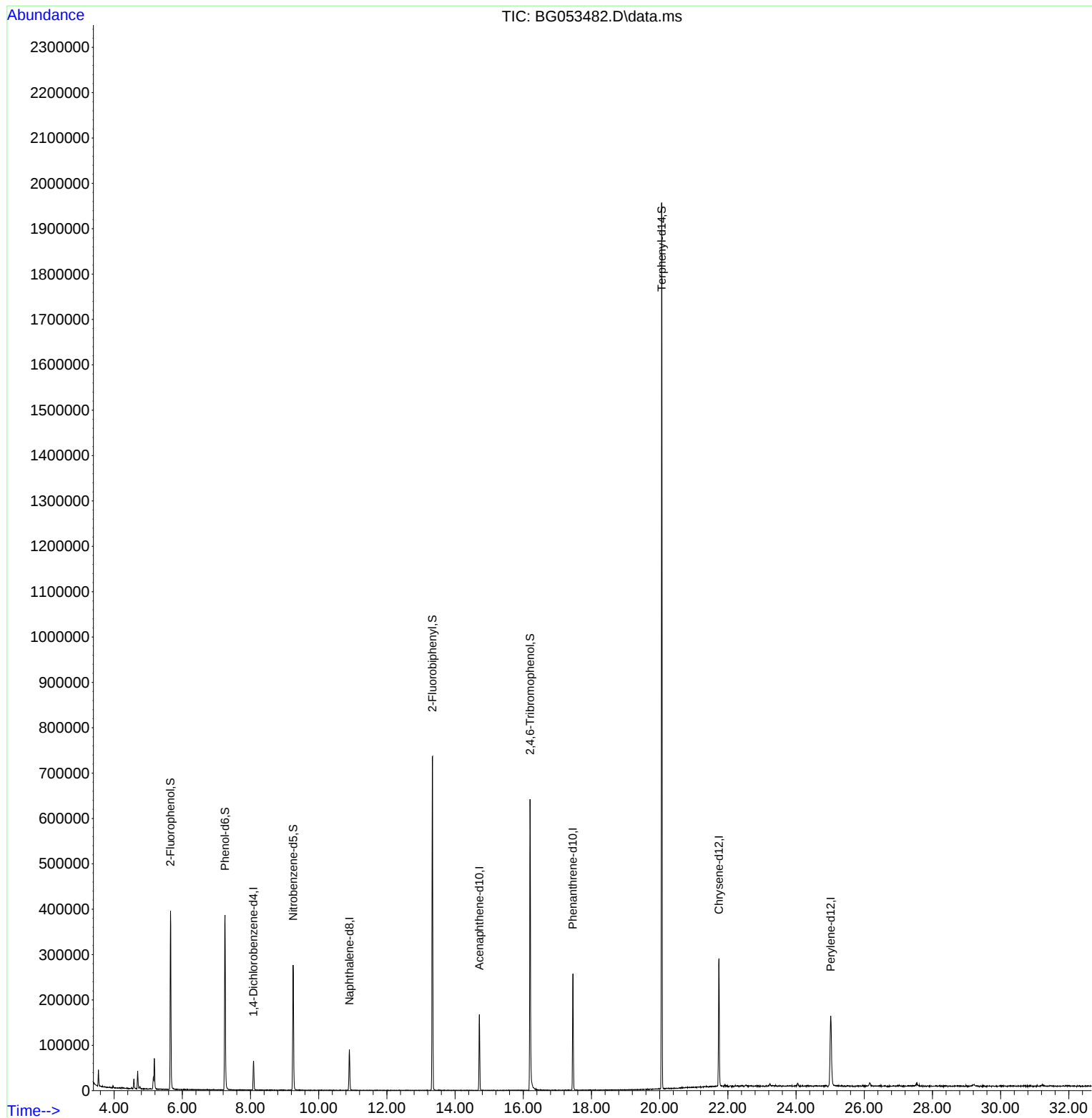
Target Compounds	Qvalue

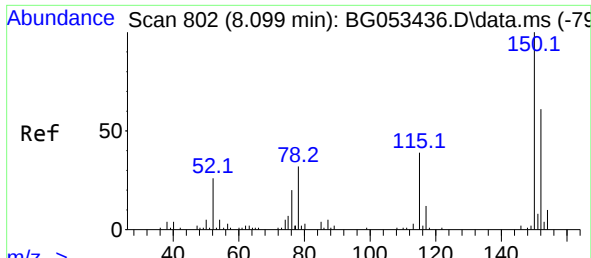
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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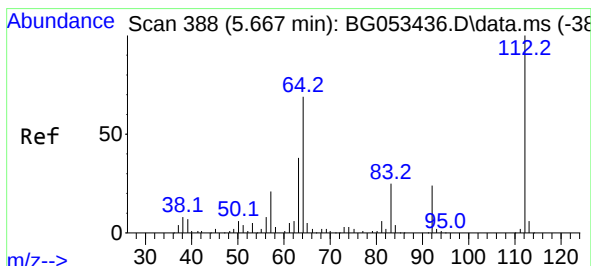
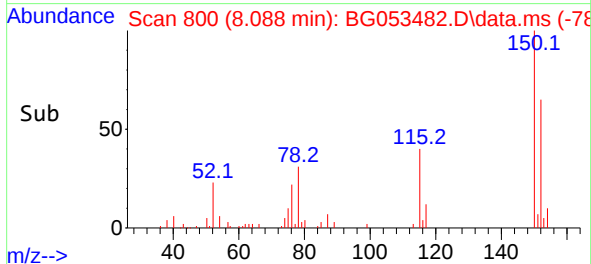
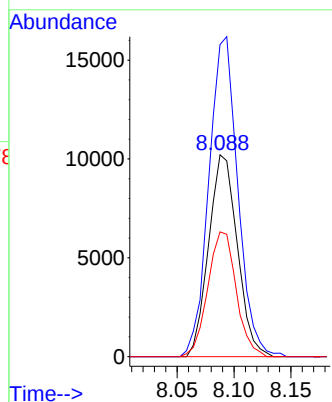
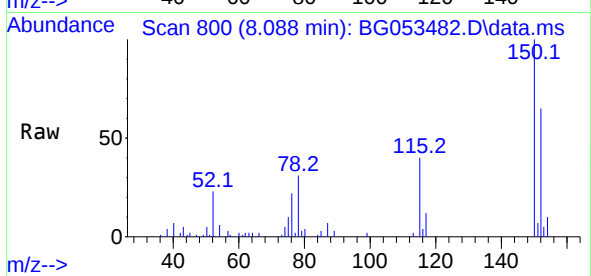




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.088 min Scan# 80
Delta R.T. -0.011 min
Lab File: BG053482.D
Acq: 6 May 2022 20:09

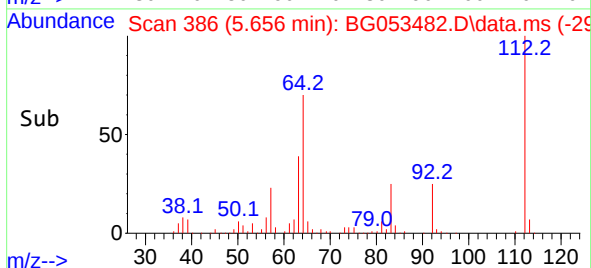
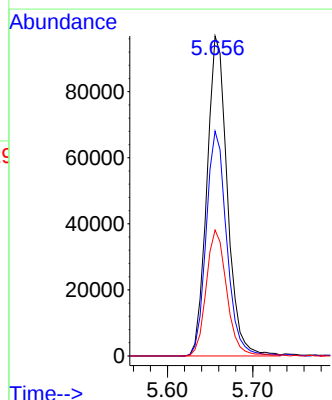
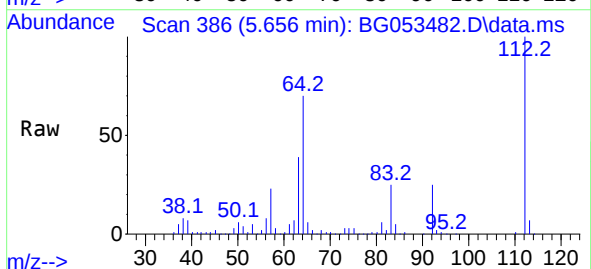
Instrument :
BNA_G
ClientSampleId :
MH-29D

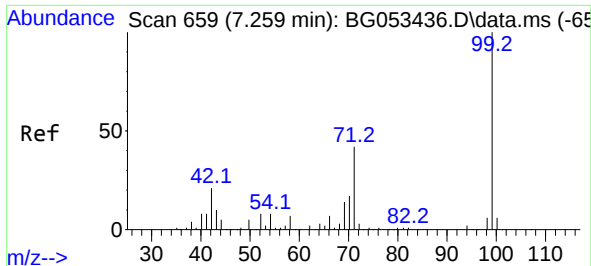
Tgt Ion:152 Resp: 17911
Ion Ratio Lower Upper
152 100
150 154.7 131.6 197.4
115 61.8 50.9 76.3



#5
2-Fluorophenol
Concen: 152.509 ng
RT: 5.656 min Scan# 386
Delta R.T. -0.011 min
Lab File: BG053482.D
Acq: 6 May 2022 20:09

Tgt Ion:112 Resp: 160953
Ion Ratio Lower Upper
112 100
64 70.3 55.1 82.7
63 39.4 30.4 45.6

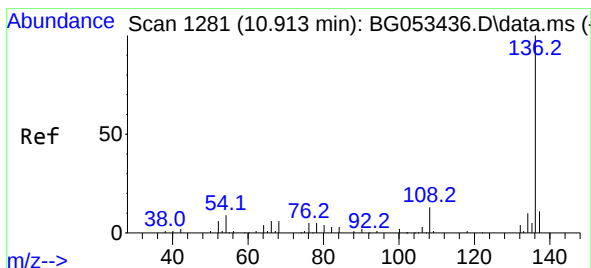
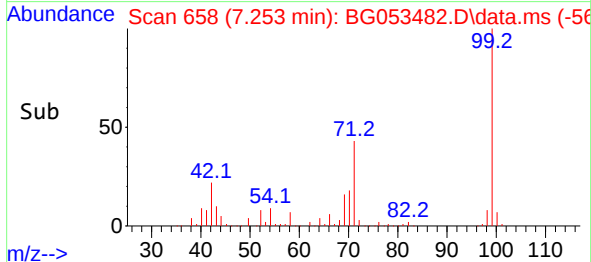
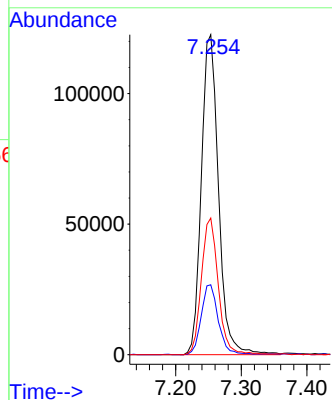
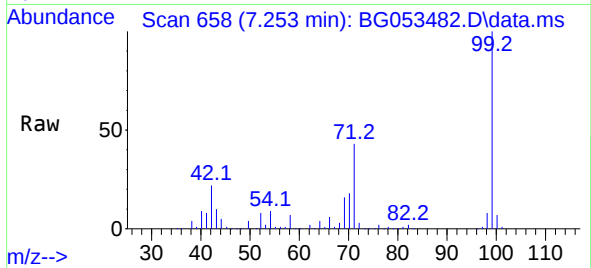




#7
Phenol-d6
Concen: 139.459 ng
RT: 7.253 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG053482.D
Acq: 6 May 2022 20:09

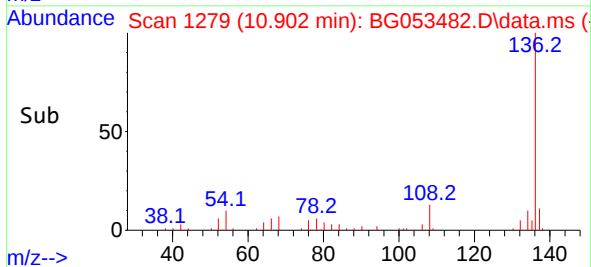
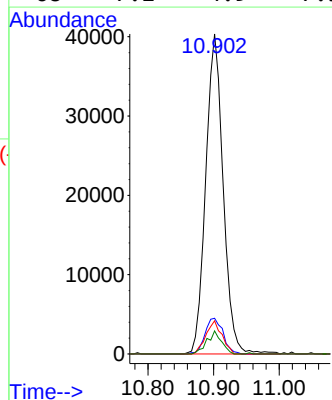
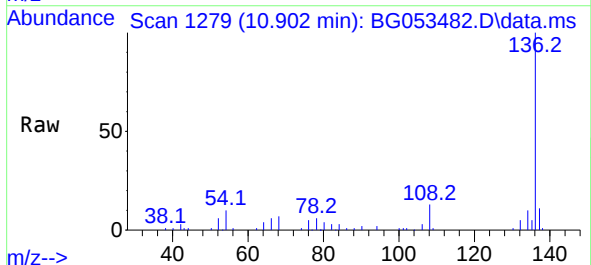
Instrument :
BNA_G
ClientSampleId :
MH-29D

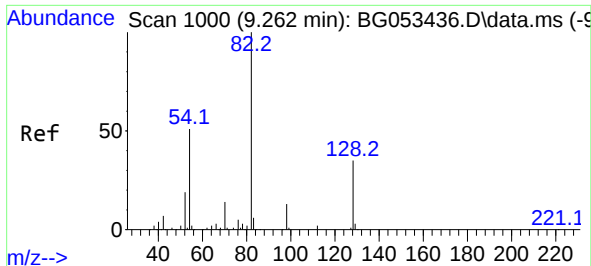
Tgt Ion: 99 Resp: 223369
Ion Ratio Lower Upper
99 100
42 21.9 17.0 25.6
71 42.7 33.8 50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.902 min Scan# 1279
Delta R.T. -0.011 min
Lab File: BG053482.D
Acq: 6 May 2022 20:09

Tgt Ion:136 Resp: 74609
Ion Ratio Lower Upper
136 100
137 11.2 8.5 12.7
54 10.3 7.4 11.2
68 7.2 4.9 7.3





#23

Nitrobenzene-d5

Concen: 102.960 ng

RT: 9.251 min Scan# 91

Delta R.T. -0.011 min

Lab File: BG053482.D

Acq: 6 May 2022 20:09

Instrument :

BNA_G

ClientSampleId :

MH-29D

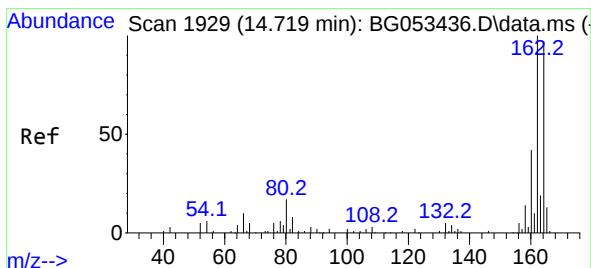
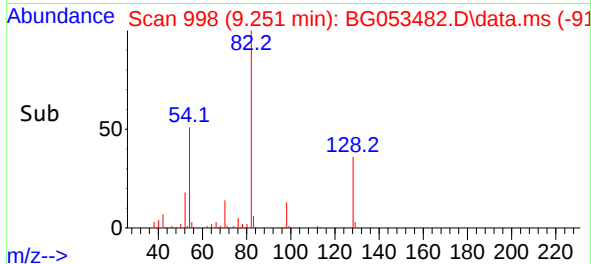
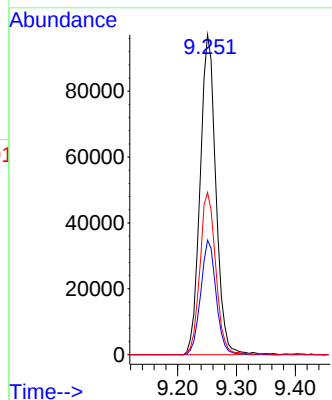
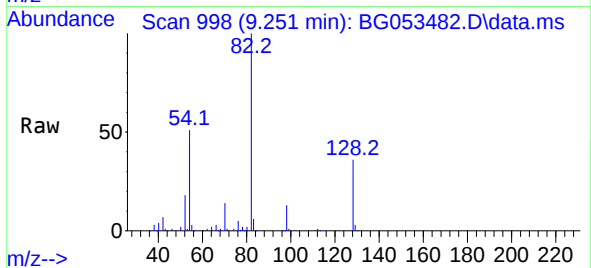
Tgt Ion: 82 Resp: 180457

Ion Ratio Lower Upper

82 100

128 35.8 27.9 41.9

54 50.7 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: BG053482.D

Acq: 6 May 2022 20:09

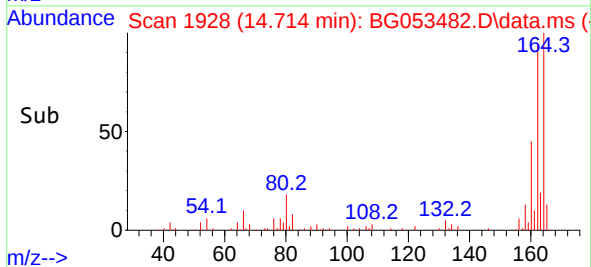
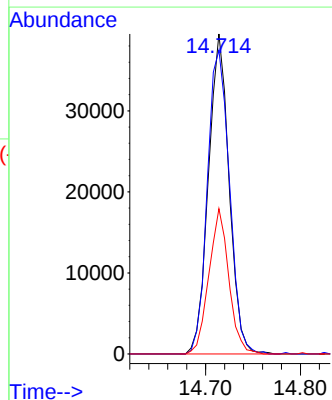
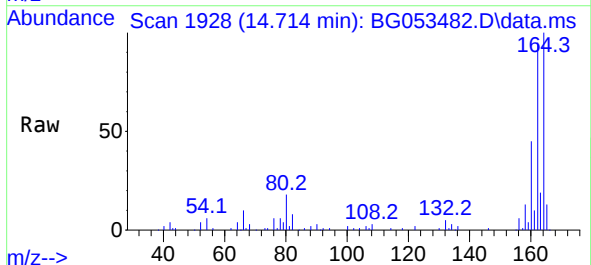
Tgt Ion:164 Resp: 59797

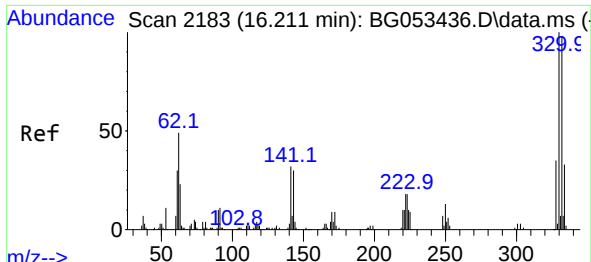
Ion Ratio Lower Upper

164 100

162 95.0 82.3 123.5

160 45.4 34.2 51.2

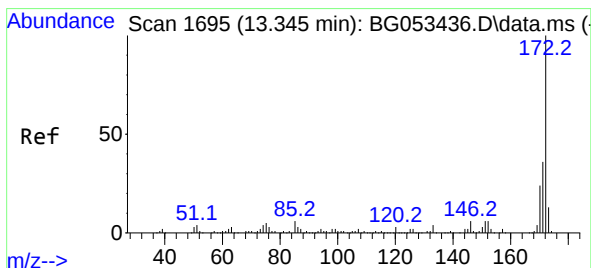
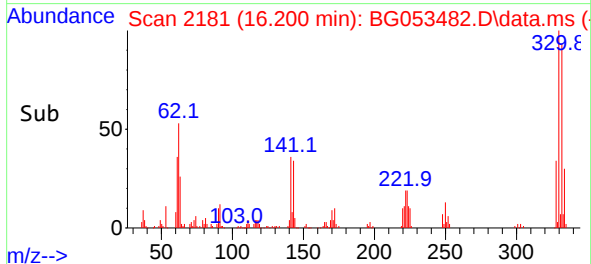
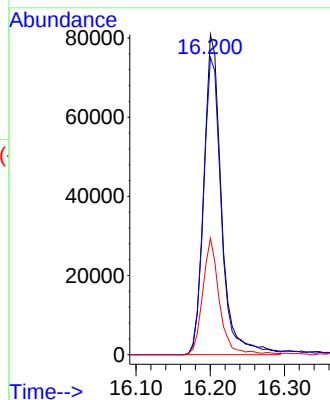
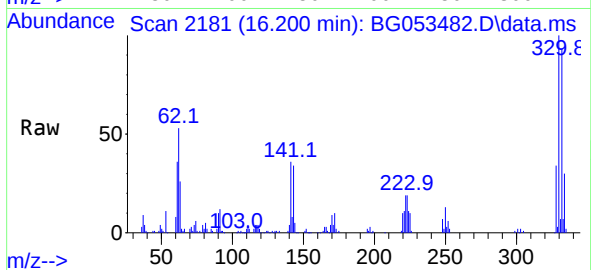




#42
2,4,6-Tribromophenol
Concen: 151.612 ng
RT: 16.200 min Scan# 2183
Delta R.T. -0.011 min
Lab File: BG053482.D
Acq: 6 May 2022 20:09

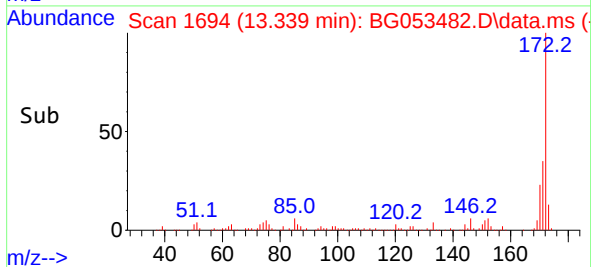
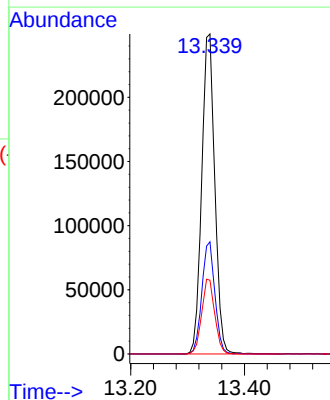
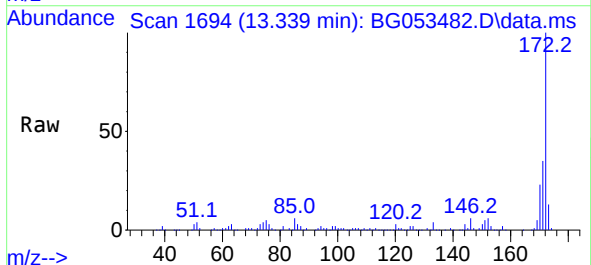
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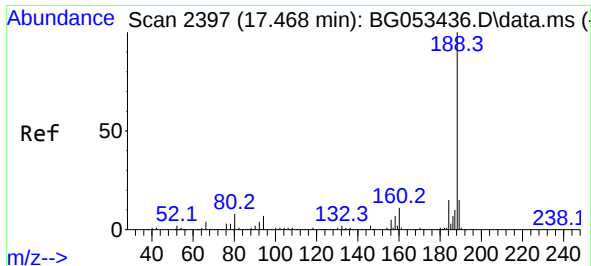
Tgt Ion:330 Resp: 133712
Ion Ratio Lower Upper
330 100
332 95.0 76.0 114.0
141 34.1 27.1 40.7



#45
2-Fluorobiphenyl
Concen: 97.250 ng
RT: 13.339 min Scan# 1694
Delta R.T. -0.006 min
Lab File: BG053482.D
Acq: 6 May 2022 20:09

Tgt Ion:172 Resp: 397958
Ion Ratio Lower Upper
172 100
171 35.1 28.5 42.7
170 23.0 18.9 28.3

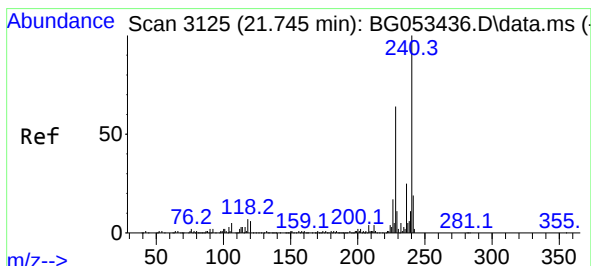
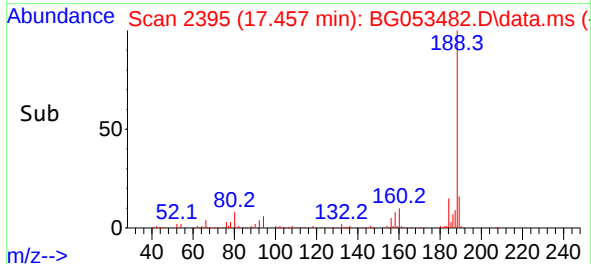
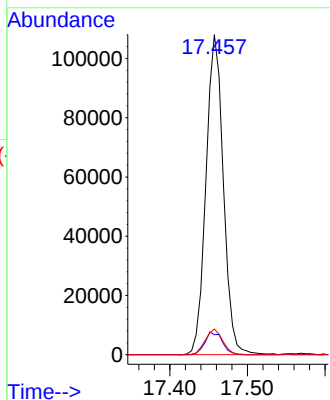
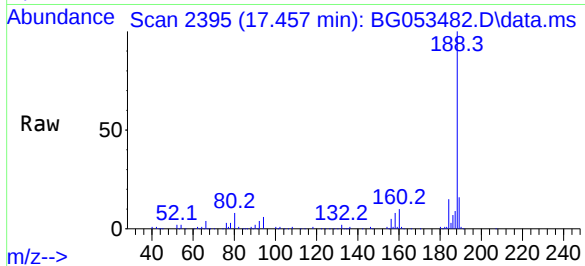




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.457 min Scan# 21
Delta R.T. -0.011 min
Lab File: BG053482.D
Acq: 6 May 2022 20:09

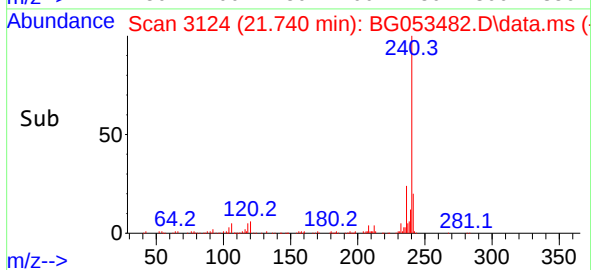
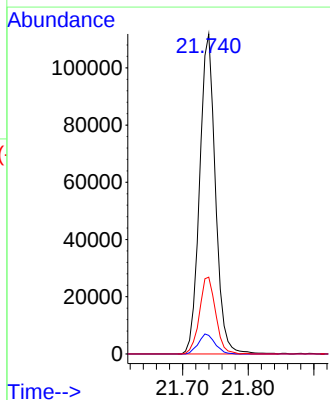
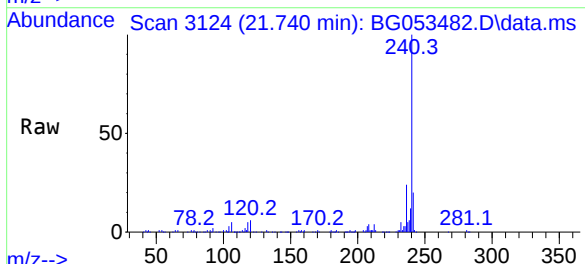
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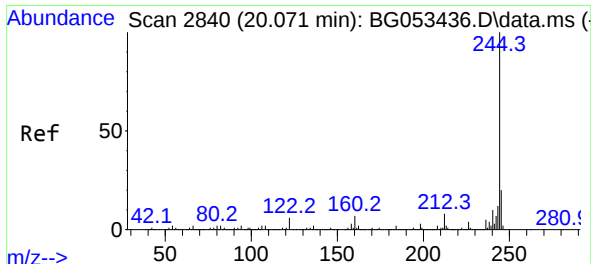
Tgt Ion:188 Resp: 168580
Ion Ratio Lower Upper
188 100
94 6.2 5.4 8.0
80 8.0 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.740 min Scan# 3124
Delta R.T. -0.005 min
Lab File: BG053482.D
Acq: 6 May 2022 20:09

Tgt Ion:240 Resp: 187075
Ion Ratio Lower Upper
240 100
120 5.8 4.6 7.0
236 24.0 20.2 30.4

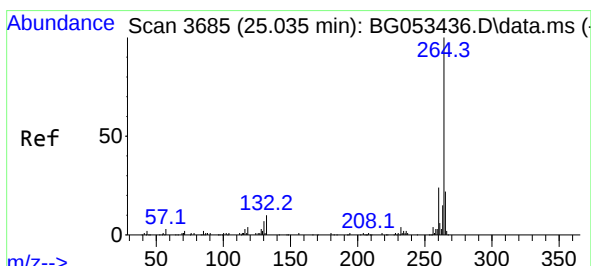
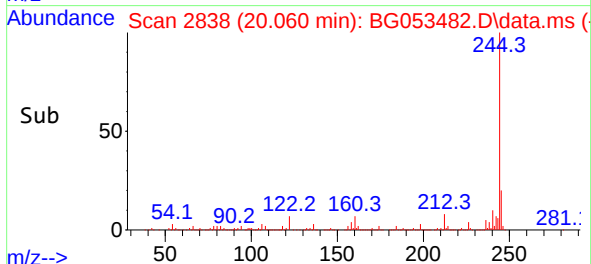
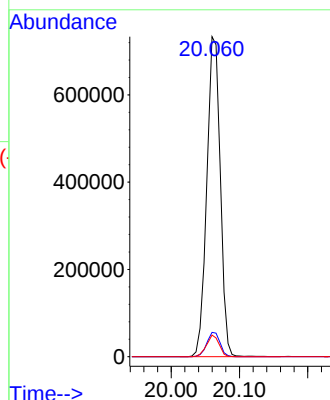
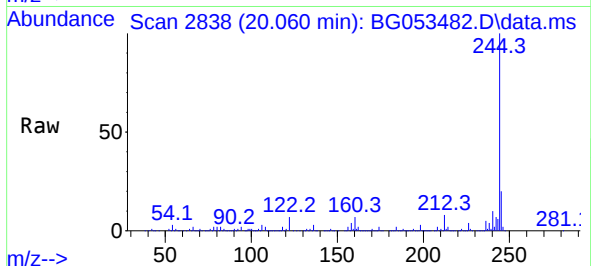




#79
Terphenyl-d14
Concen: 100.355 ng
RT: 20.060 min Scan# 21
Delta R.T. -0.011 min
Lab File: BG053482.D
Acq: 6 May 2022 20:09

Instrument :
BNA_G
ClientSampleId :
MH-29D

Tgt Ion:244 Resp: 1008009
Ion Ratio Lower Upper
244 100
212 7.6 6.5 9.7
122 6.8 5.0 7.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.018 min Scan# 3682
Delta R.T. -0.017 min
Lab File: BG053482.D
Acq: 6 May 2022 20:09

Tgt Ion:264 Resp: 184037
Ion Ratio Lower Upper
264 100
260 23.9 19.0 28.6
265 21.7 17.4 26.2

