

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050522\
 Data File : BG053467.D
 Acq On : 6 May 2022 1:45
 Operator : CG/JU
 Sample : N2703-07
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-29D

Quant Time: May 06 03:49:11 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	23530	20.000	ng	-0.01
21) Naphthalene-d8	10.901	136	91189	20.000	ng	#-0.01
39) Acenaphthene-d10	14.714	164	68739	20.000	ng	0.00
64) Phenanthrene-d10	17.457	188	178315	20.000	ng	-0.01
76) Chrysene-d12	21.734	240	200672	20.000	ng	-0.01
86) Perylene-d12	25.018	264	203254	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.656	112	165271	119.204	ng	-0.01
7) Phenol-d6	7.253	99	236692	112.488	ng	0.00
23) Nitrobenzene-d5	9.251	82	168558	78.685	ng	-0.01
42) 2,4,6-Tribromophenol	16.200	330	118854	117.234	ng	-0.01
45) 2-Fluorobiphenyl	13.339	172	369915	78.638	ng	0.00
79) Terphenyl-d14	20.060	244	794799	73.767	ng	-0.01

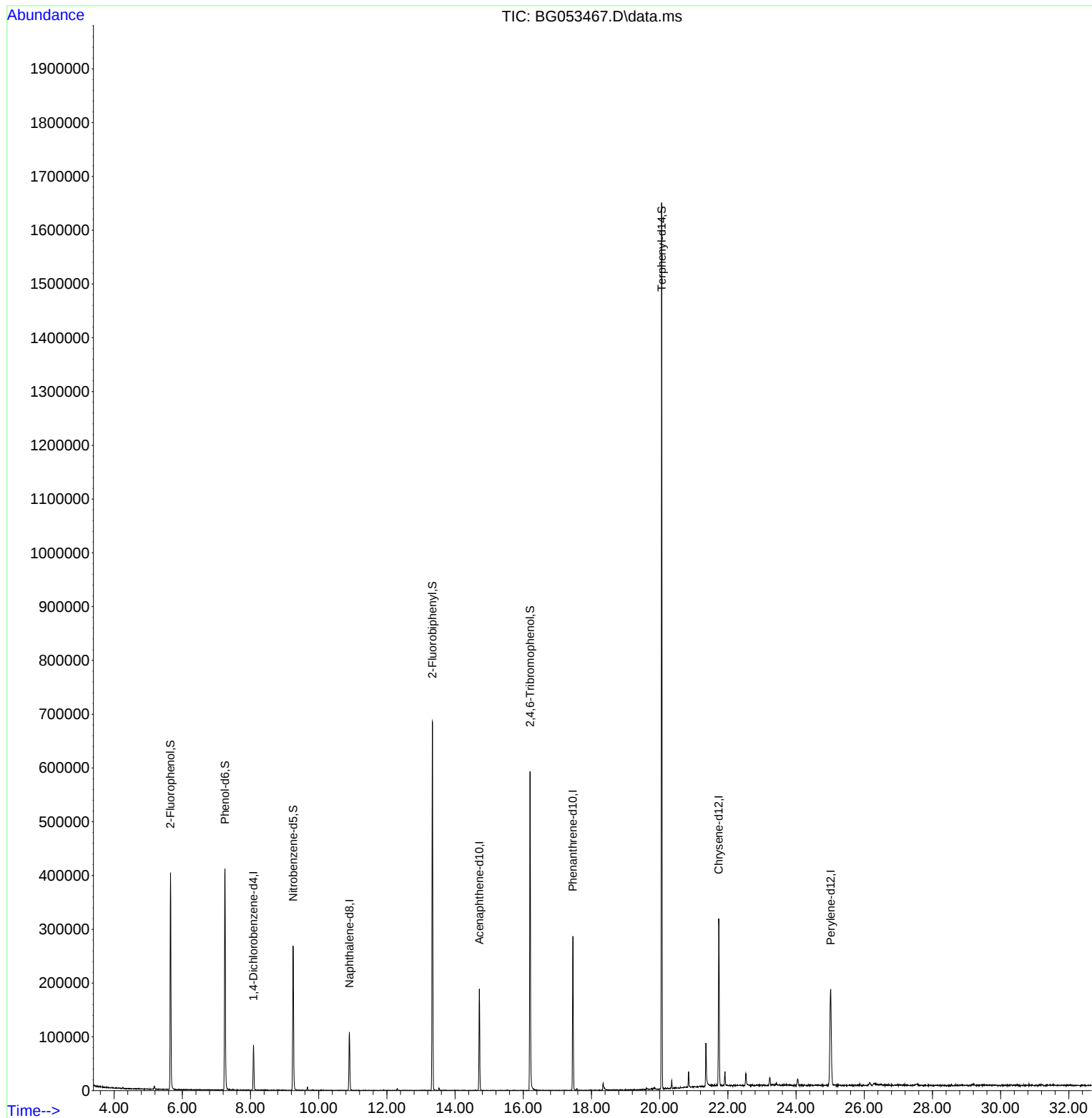
Target Compounds	Qvalue

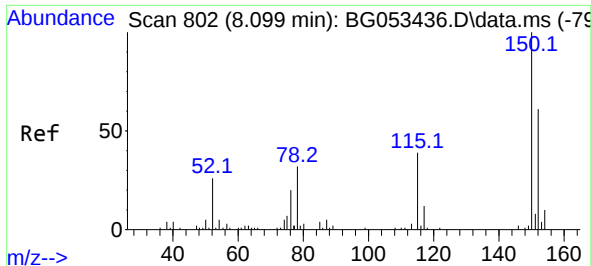
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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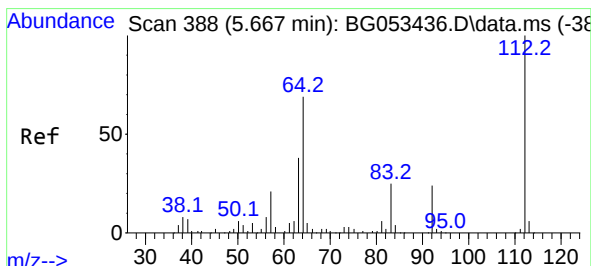
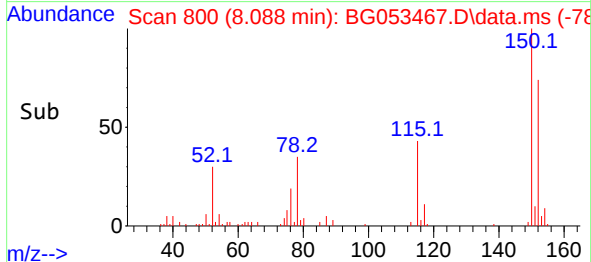
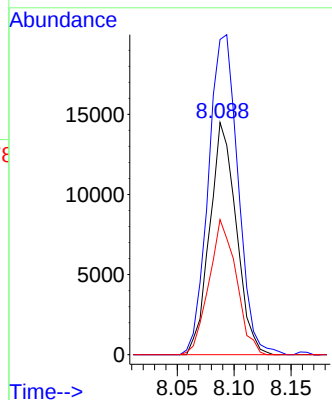
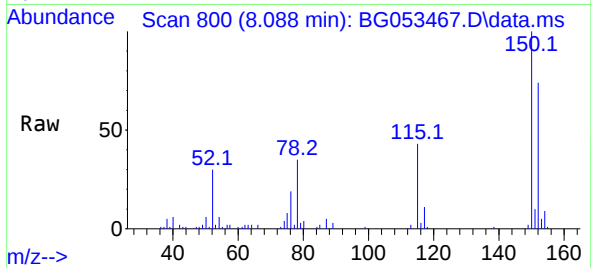




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.088 min Scan# 80
Delta R.T. -0.011 min
Lab File: BG053467.D
Acq: 6 May 2022 1:45

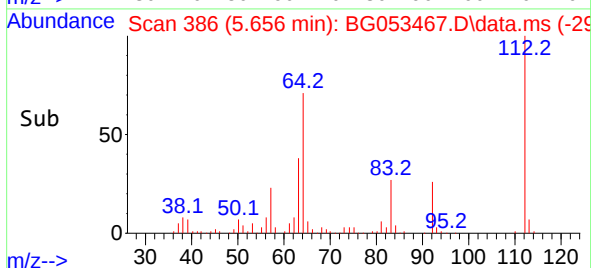
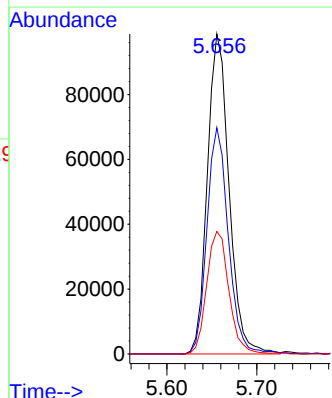
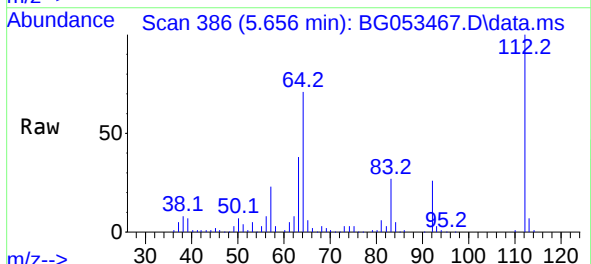
Instrument :
BNA_G
ClientSampleId :
MH-29D

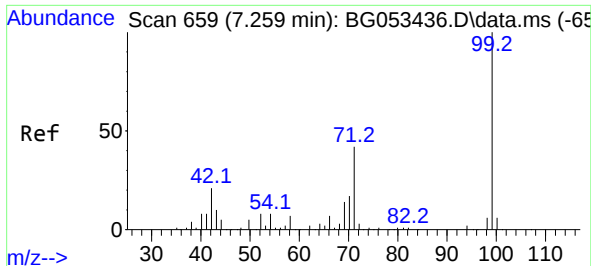
Tgt Ion:152 Resp: 23530
Ion Ratio Lower Upper
152 100
150 135.7 131.6 197.4
115 58.1 50.9 76.3



#5
2-Fluorophenol
Concen: 119.204 ng
RT: 5.656 min Scan# 386
Delta R.T. -0.011 min
Lab File: BG053467.D
Acq: 6 May 2022 1:45

Tgt Ion:112 Resp: 165271
Ion Ratio Lower Upper
112 100
64 70.7 55.1 82.7
63 38.3 30.4 45.6

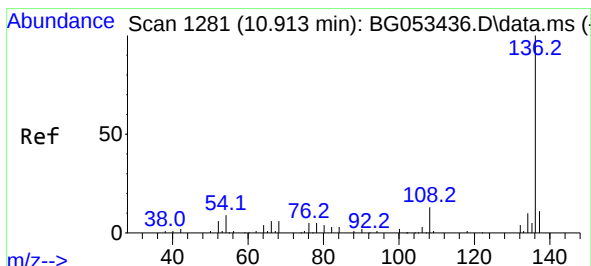
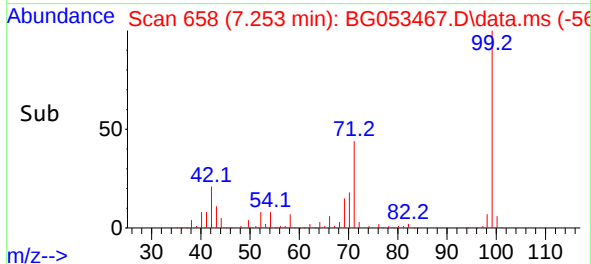
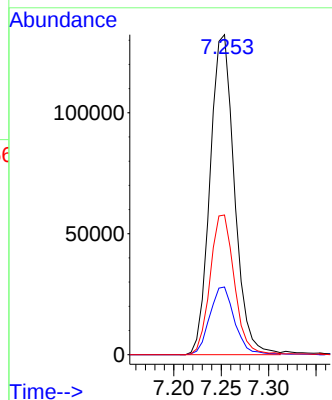
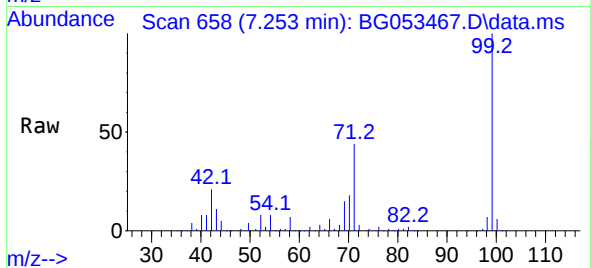




#7
Phenol-d6
Concen: 112.488 ng
RT: 7.253 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG053467.D
Acq: 6 May 2022 1:45

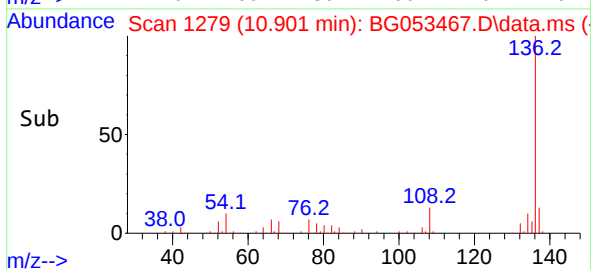
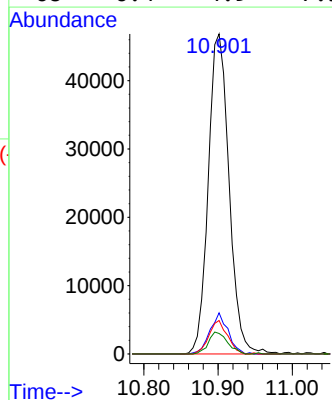
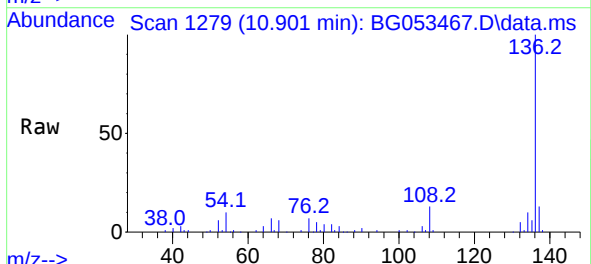
Instrument :
BNA_G
ClientSampleId :
MH-29D

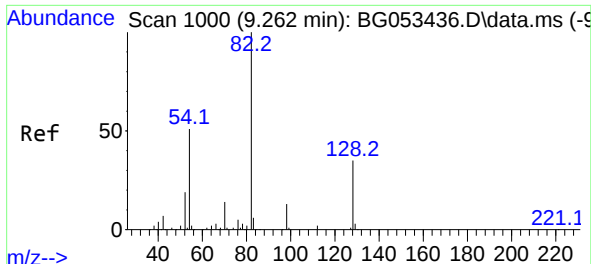
Tgt Ion: 99 Resp: 236692
Ion Ratio Lower Upper
99 100
42 21.2 17.0 25.6
71 43.7 33.8 50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.901 min Scan# 1279
Delta R.T. -0.012 min
Lab File: BG053467.D
Acq: 6 May 2022 1:45

Tgt Ion:136 Resp: 91189
Ion Ratio Lower Upper
136 100
137 12.8 8.5 12.7#
54 10.5 7.4 11.2
68 6.4 4.9 7.3

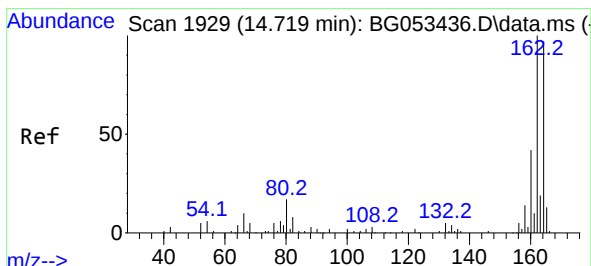
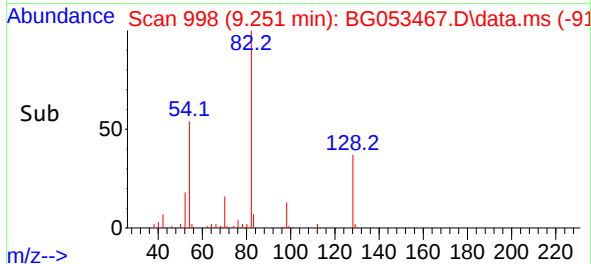
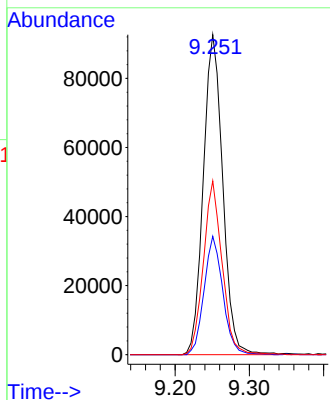
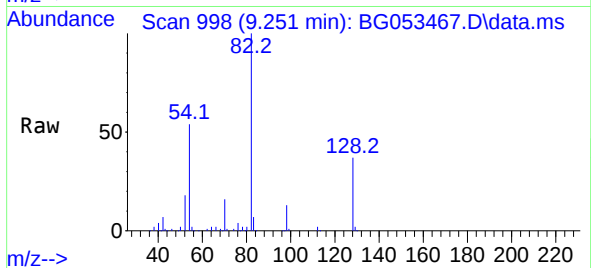




#23
Nitrobenzene-d5
Concen: 78.685 ng
RT: 9.251 min Scan# 91
Delta R.T. -0.011 min
Lab File: BG053467.D
Acq: 6 May 2022 1:45

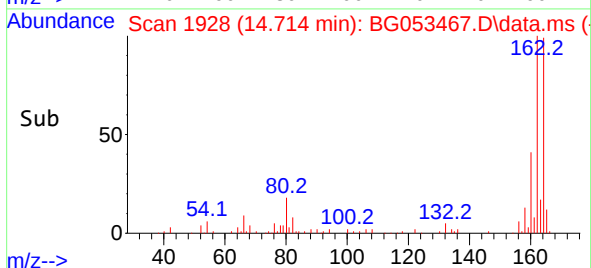
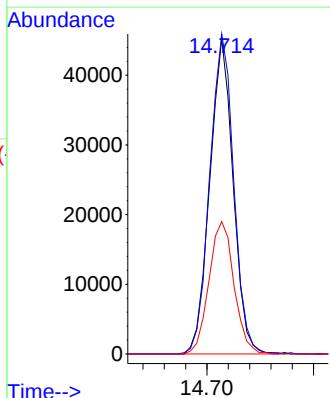
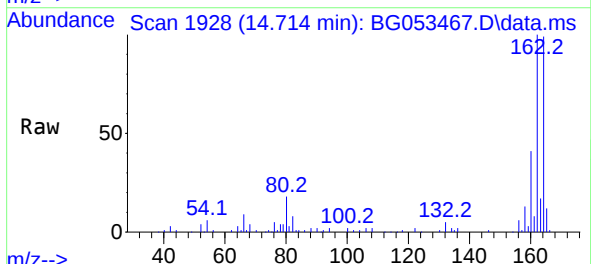
Instrument :
BNA_G
ClientSampleId :
MH-29D

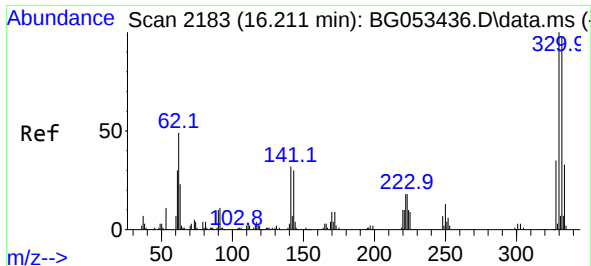
Tgt Ion: 82 Resp: 168558
Ion Ratio Lower Upper
82 100
128 37.0 27.9 41.9
54 54.3 41.2 61.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.714 min Scan# 1928
Delta R.T. -0.005 min
Lab File: BG053467.D
Acq: 6 May 2022 1:45

Tgt Ion: 164 Resp: 68739
Ion Ratio Lower Upper
164 100
162 101.5 82.3 123.5
160 42.0 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 117.234 ng

RT: 16.200 min Scan# 2181

Delta R.T. -0.011 min

Lab File: BG053467.D

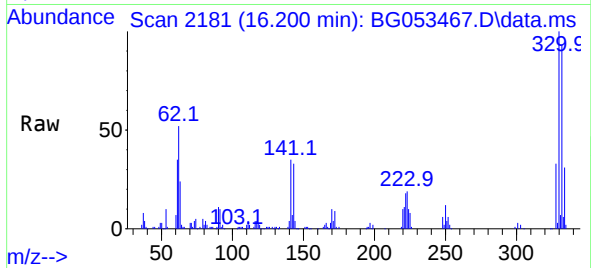
Acq: 6 May 2022 1:45

Instrument :

BNA_G

ClientSampleId :

MH-29D



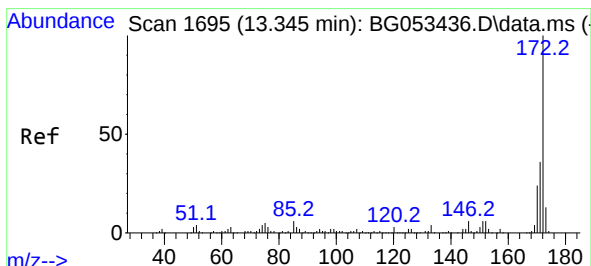
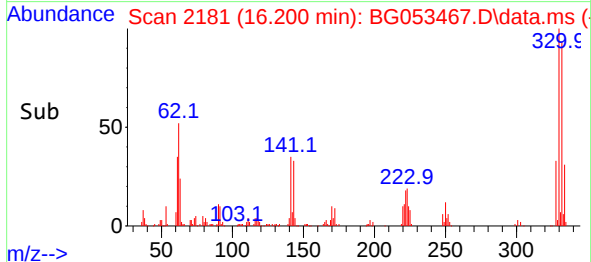
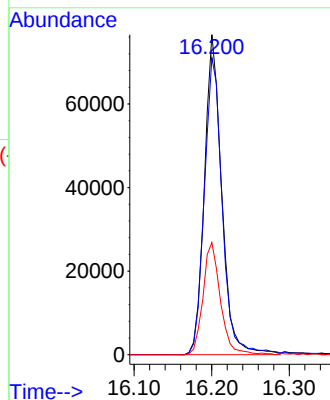
Tgt Ion:330 Resp: 118854

Ion Ratio Lower Upper

330 100

332 96.8 76.0 114.0

141 35.1 27.1 40.7



#45

2-Fluorobiphenyl

Concen: 78.638 ng

RT: 13.339 min Scan# 1694

Delta R.T. -0.006 min

Lab File: BG053467.D

Acq: 6 May 2022 1:45

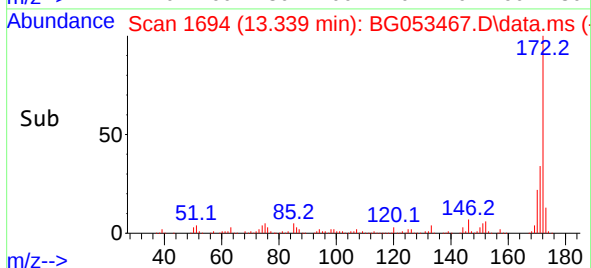
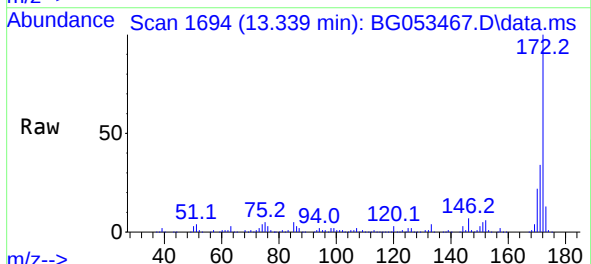
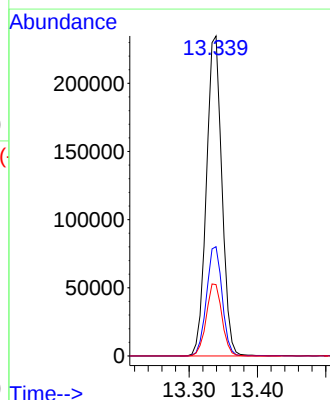
Tgt Ion:172 Resp: 369915

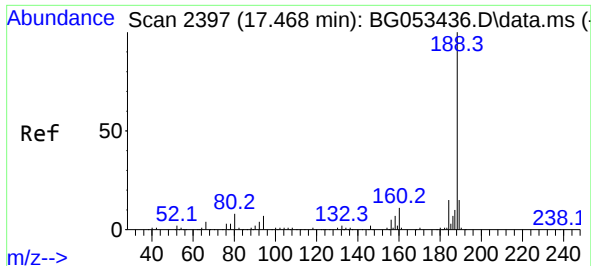
Ion Ratio Lower Upper

172 100

171 34.2 28.5 42.7

170 22.3 18.9 28.3

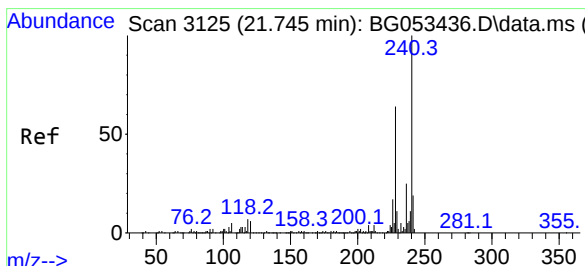
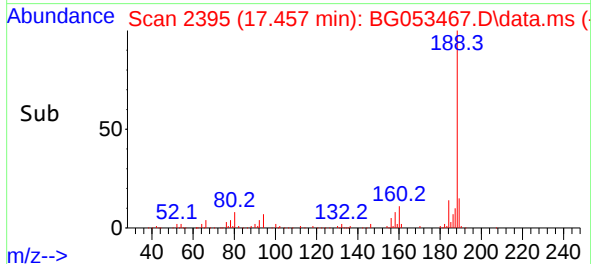
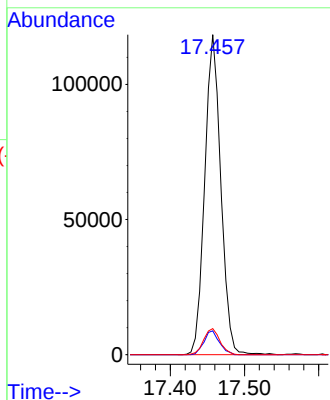
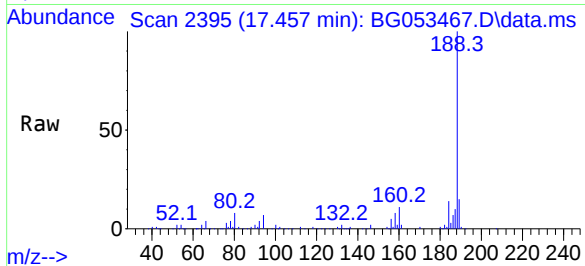




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.457 min Scan# 21
Delta R.T. -0.011 min
Lab File: BG053467.D
Acq: 6 May 2022 1:45

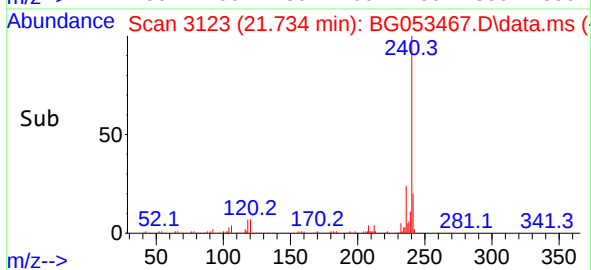
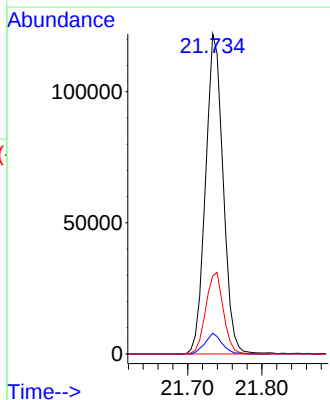
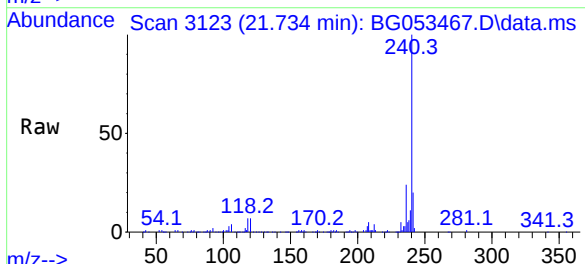
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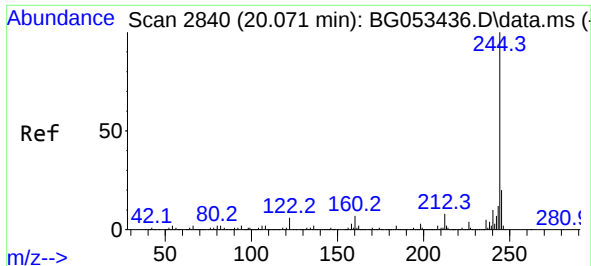
Tgt Ion:188 Resp: 178315
Ion Ratio Lower Upper
188 100
94 7.4 5.4 8.0
80 8.2 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.734 min Scan# 3123
Delta R.T. -0.011 min
Lab File: BG053467.D
Acq: 6 May 2022 1:45

Tgt Ion:240 Resp: 200672
Ion Ratio Lower Upper
240 100
120 6.5 4.6 7.0
236 24.4 20.2 30.4

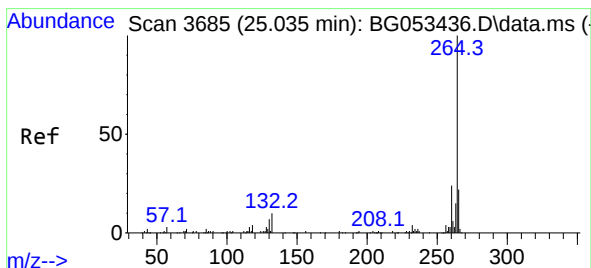
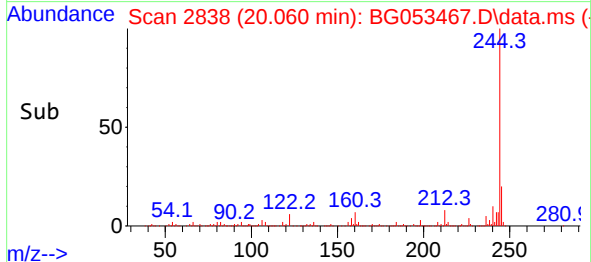
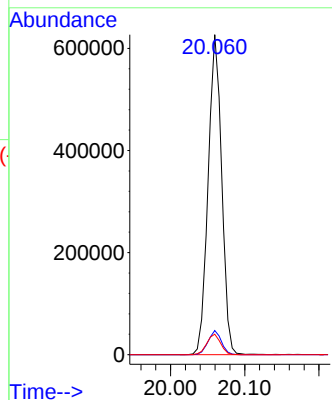
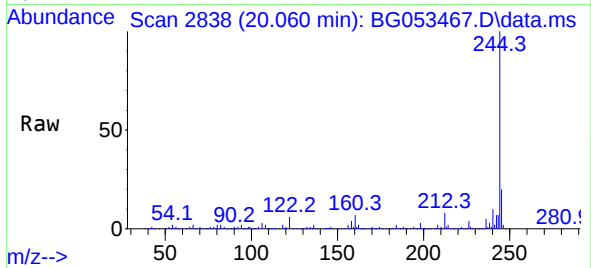




#79
 Terphenyl-d14
 Concen: 73.767 ng
 RT: 20.060 min Scan# 21
 Delta R.T. -0.011 min
 Lab File: BG053467.D
 Acq: 6 May 2022 1:45

Instrument :
 BNA_G
 ClientSampleId :
 MH-29D

Tgt Ion:244 Resp: 794799
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.5 9.7
 122 6.4 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: BG053467.D
 Acq: 6 May 2022 1:45

Tgt Ion:264 Resp: 203254
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.0 28.6
 265 22.1 17.4 26.2

