

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050522\
 Data File : BG053451.D
 Acq On : 5 May 2022 15:18
 Operator : CG/JU
 Sample : PB144603BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB144603BL

Quant Time: May 06 03:47:00 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	8.090	152	25324	20.000	ng	0.00
21) Naphthalene-d8	10.903	136	102078	20.000	ng	0.00
39) Acenaphthene-d10	14.716	164	77908	20.000	ng	0.00
64) Phenanthrene-d10	17.459	188	198256	20.000	ng	0.00
76) Chrysene-d12	21.736	240	231490	20.000	ng	0.00
86) Perylene-d12	25.014	264	232940	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.658	112	207261	138.900	ng	0.00
7) Phenol-d6	7.255	99	304532	134.476	ng	0.00
23) Nitrobenzene-d5	9.253	82	208368	86.893	ng	0.00
42) 2,4,6-Tribromophenol	16.202	330	142369	123.901	ng	0.00
45) 2-Fluorobiphenyl	13.341	172	472008	88.532	ng	0.00
79) Terphenyl-d14	20.062	244	1108449	89.181	ng	0.00

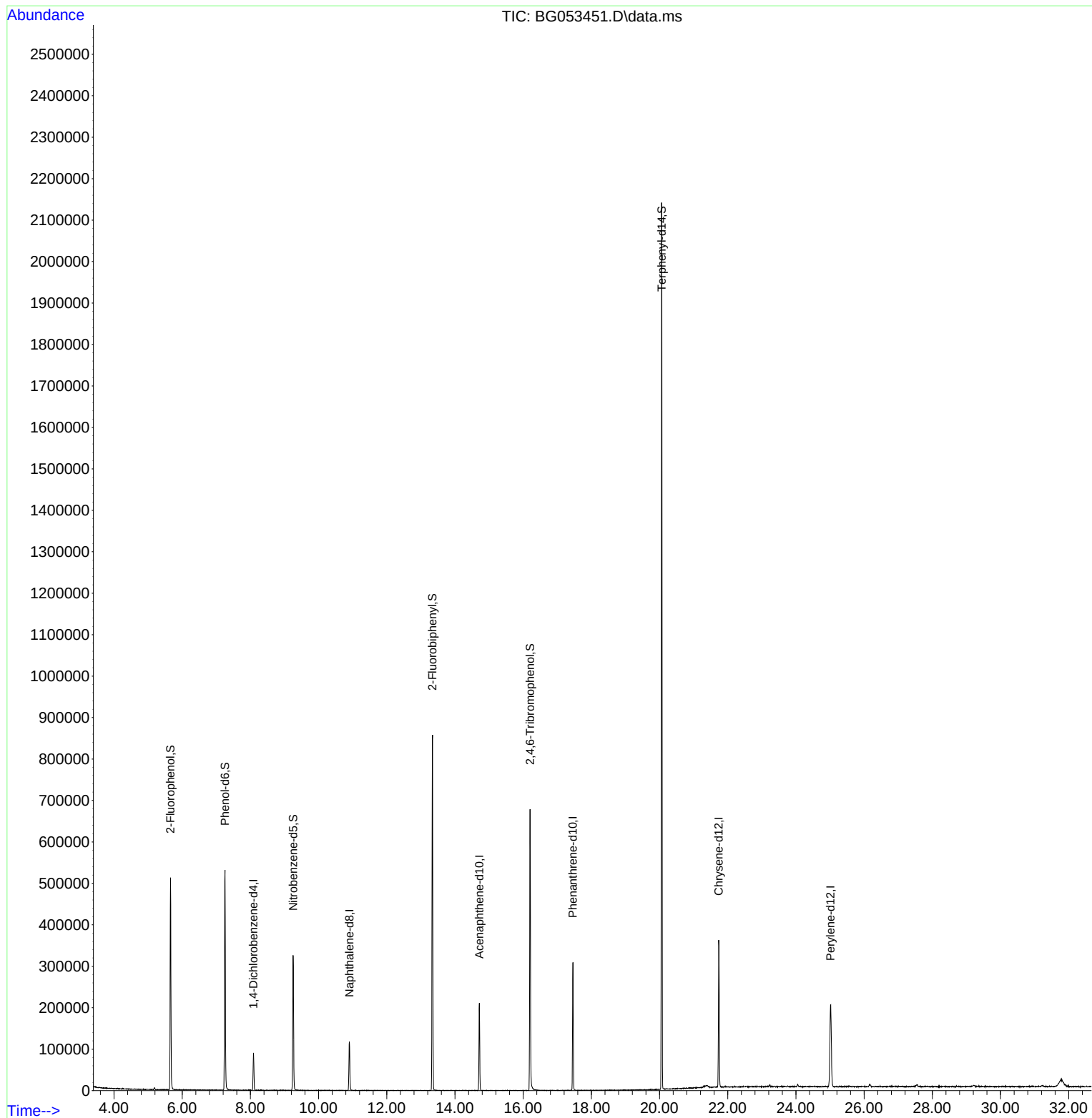
Target Compounds	Qvalue

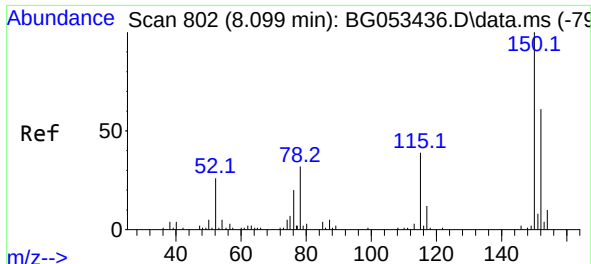
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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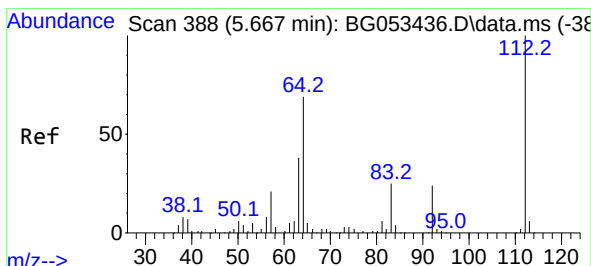
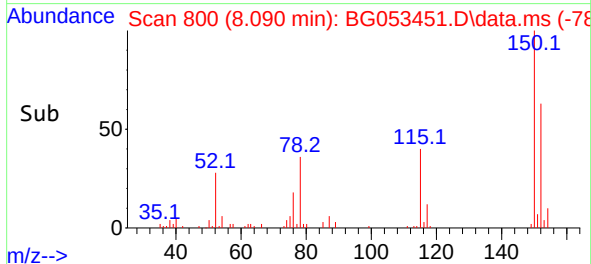
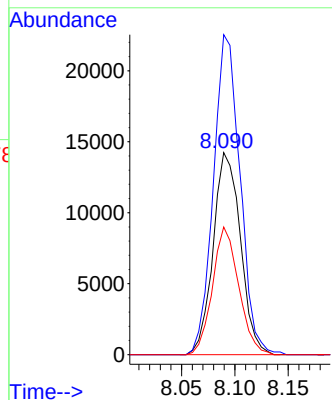
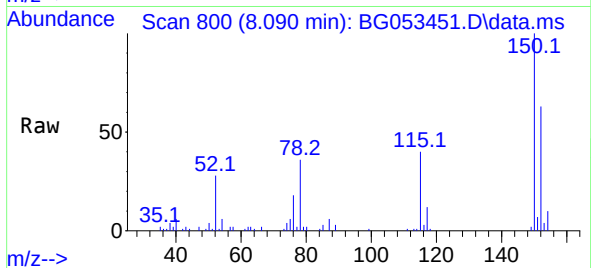




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.090 min Scan# 80
Delta R.T. -0.009 min
Lab File: BG053451.D
Acq: 5 May 2022 15:18

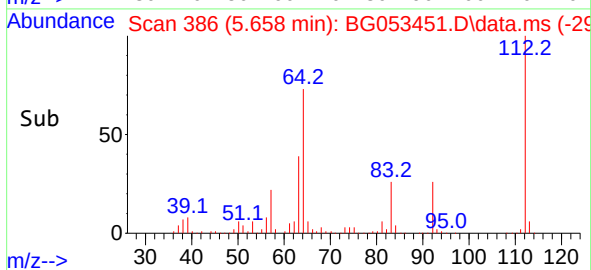
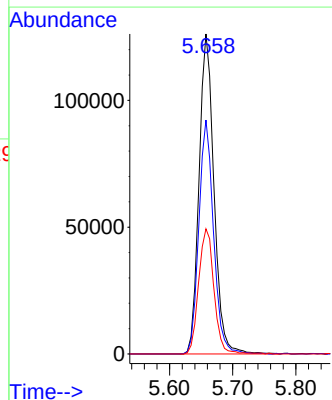
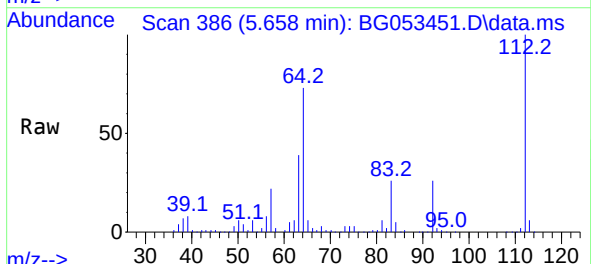
Instrument :
BNA_G
ClientSampleId :
PB144603BL

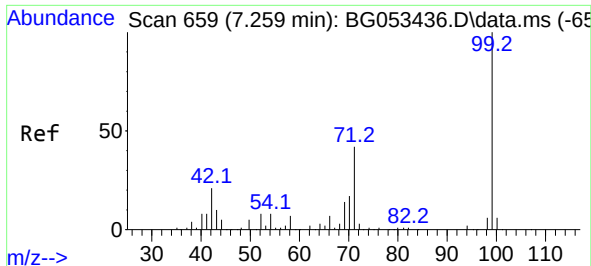
Tgt Ion:152 Resp: 25324
Ion Ratio Lower Upper
152 100
150 158.4 131.6 197.4
115 63.2 50.9 76.3



#5
2-Fluorophenol
Concen: 138.900 ng
RT: 5.658 min Scan# 386
Delta R.T. -0.009 min
Lab File: BG053451.D
Acq: 5 May 2022 15:18

Tgt Ion:112 Resp: 207261
Ion Ratio Lower Upper
112 100
64 73.1 55.1 82.7
63 39.1 30.4 45.6

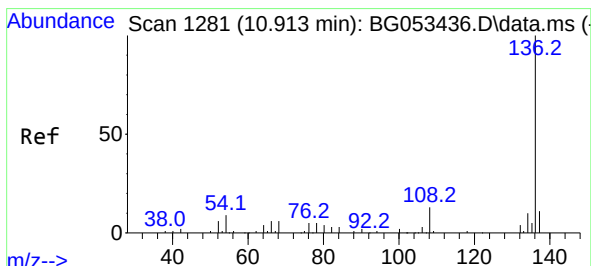
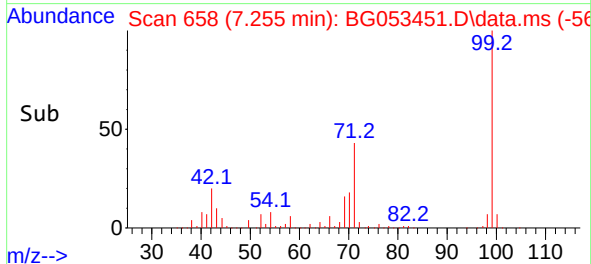
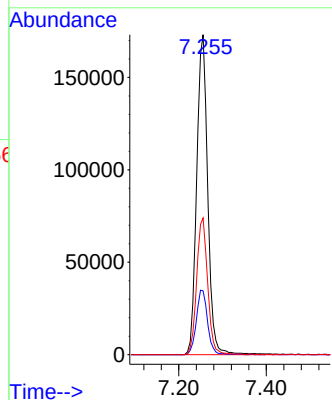
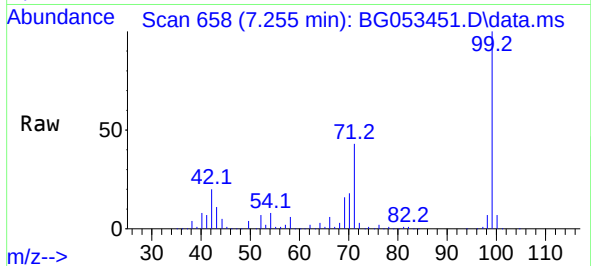




#7
Phenol-d6
Concen: 134.476 ng
RT: 7.255 min Scan# 61
Delta R.T. -0.004 min
Lab File: BG053451.D
Acq: 5 May 2022 15:18

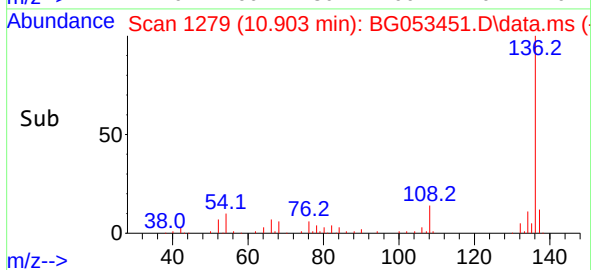
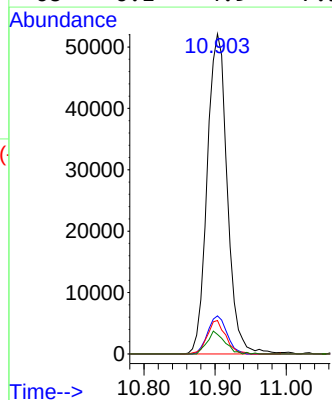
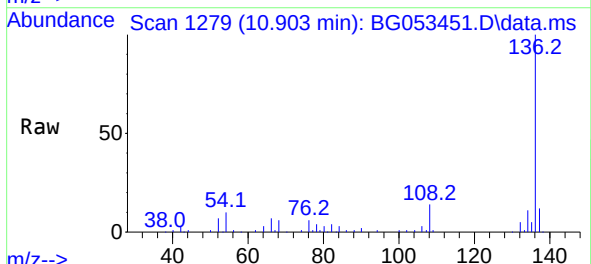
Instrument :
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ClientSampleId :
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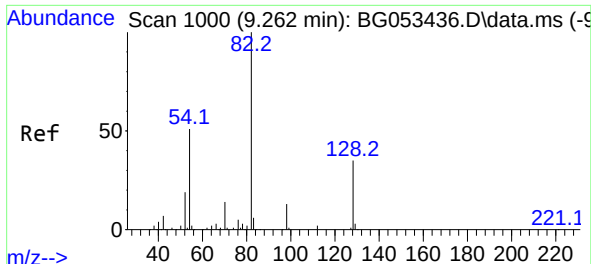
Tgt Ion: 99 Resp: 304532
Ion Ratio Lower Upper
99 100
42 19.9 17.0 25.6
71 42.7 33.8 50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.903 min Scan# 1279
Delta R.T. -0.010 min
Lab File: BG053451.D
Acq: 5 May 2022 15:18

Tgt Ion: 136 Resp: 102078
Ion Ratio Lower Upper
136 100
137 11.9 8.5 12.7
54 10.5 7.4 11.2
68 6.1 4.9 7.3

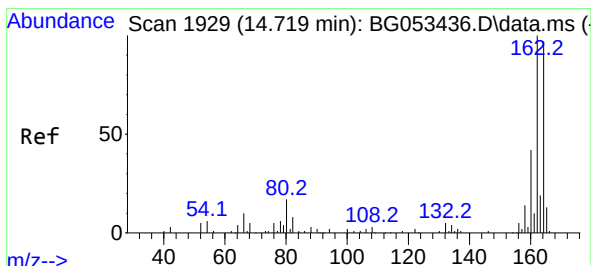
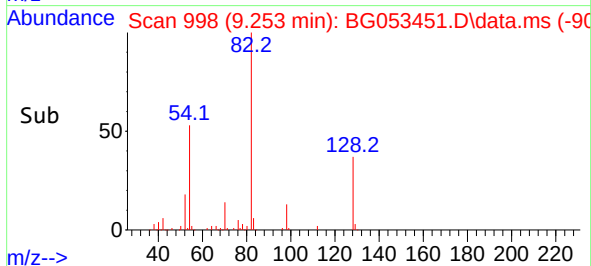
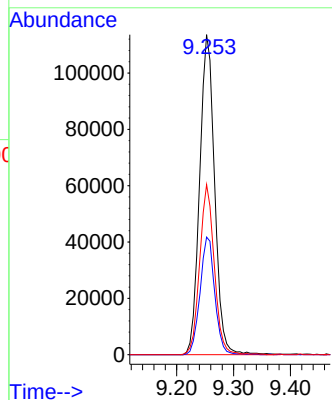
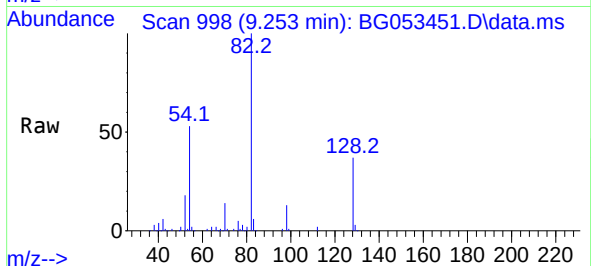




#23
Nitrobenzene-d5
Concen: 86.893 ng
RT: 9.253 min Scan# 91
Delta R.T. -0.009 min
Lab File: BG053451.D
Acq: 5 May 2022 15:18

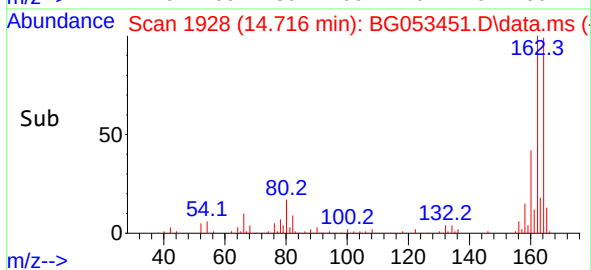
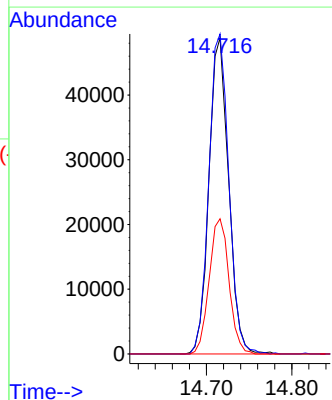
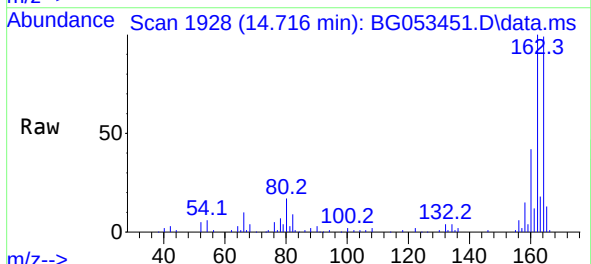
Instrument :
BNA_G
ClientSampleId :
PB144603BL

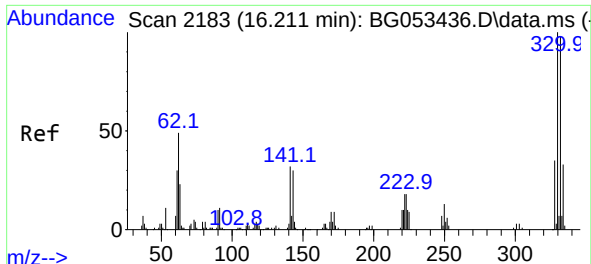
Tgt Ion: 82 Resp: 208368
Ion Ratio Lower Upper
82 100
128 36.7 27.9 41.9
54 53.2 41.2 61.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.716 min Scan# 1928
Delta R.T. -0.003 min
Lab File: BG053451.D
Acq: 5 May 2022 15:18

Tgt Ion: 164 Resp: 77908
Ion Ratio Lower Upper
164 100
162 101.2 82.3 123.5
160 42.8 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 123.901 ng

RT: 16.202 min Scan# 21

Delta R.T. -0.009 min

Lab File: BG053451.D

Acq: 5 May 2022 15:18

Instrument :

BNA_G

ClientSampleId :

PB144603BL

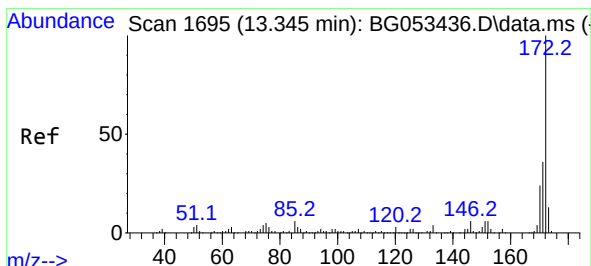
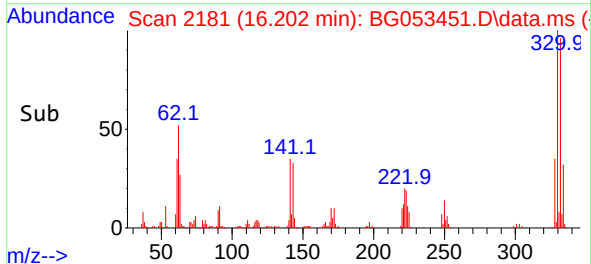
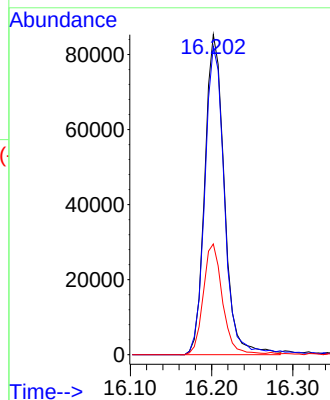
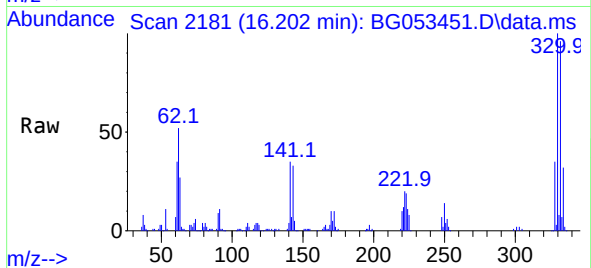
Tgt Ion:330 Resp: 142369

Ion Ratio Lower Upper

330 100

332 97.5 76.0 114.0

141 34.1 27.1 40.7



#45

2-Fluorobiphenyl

Concen: 88.532 ng

RT: 13.341 min Scan# 1694

Delta R.T. -0.004 min

Lab File: BG053451.D

Acq: 5 May 2022 15:18

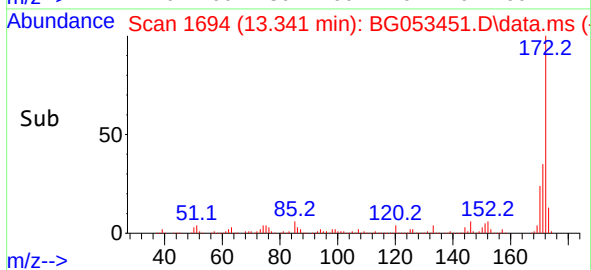
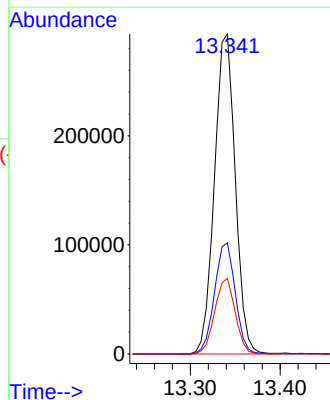
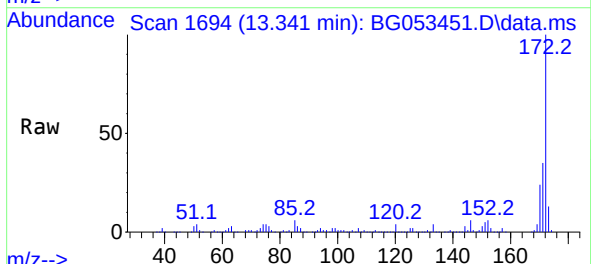
Tgt Ion:172 Resp: 472008

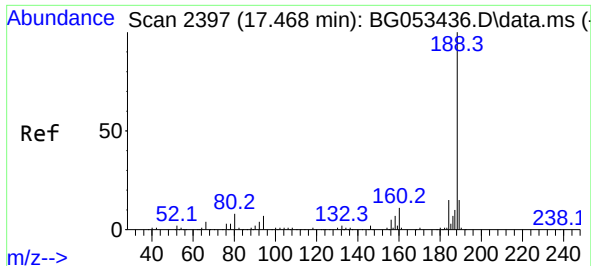
Ion Ratio Lower Upper

172 100

171 34.7 28.5 42.7

170 23.7 18.9 28.3

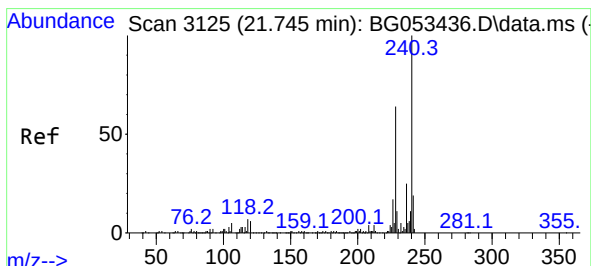
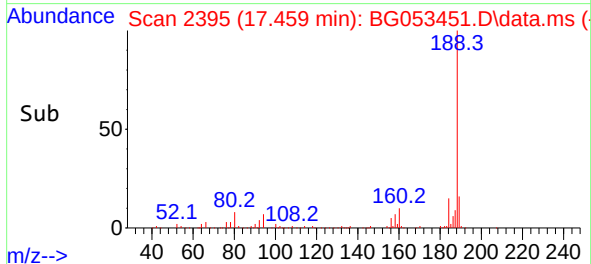
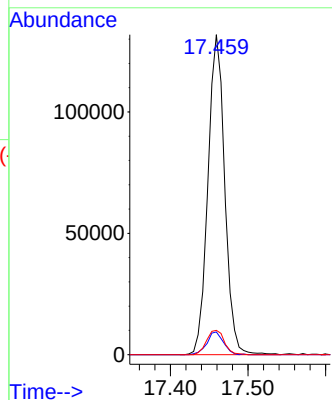
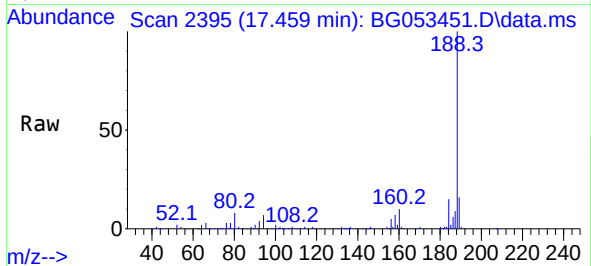




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.459 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG053451.D
Acq: 5 May 2022 15:18

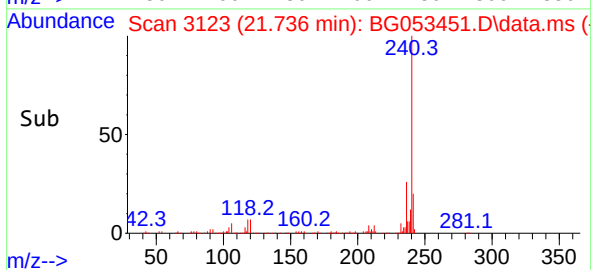
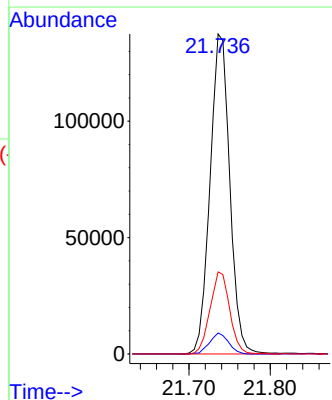
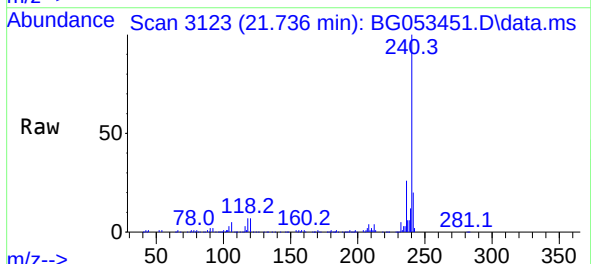
Instrument :
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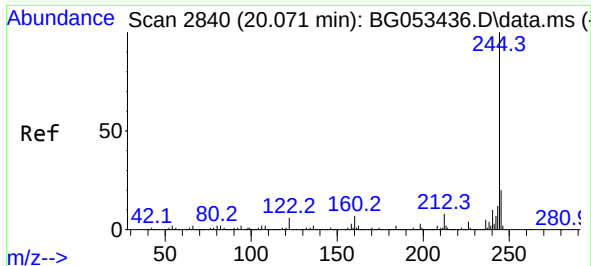
Tgt Ion:188 Resp: 198256
Ion Ratio Lower Upper
188 100
94 7.1 5.4 8.0
80 7.6 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.736 min Scan# 3123
Delta R.T. -0.009 min
Lab File: BG053451.D
Acq: 5 May 2022 15:18

Tgt Ion:240 Resp: 231490
Ion Ratio Lower Upper
240 100
120 6.6 4.6 7.0
236 25.6 20.2 30.4

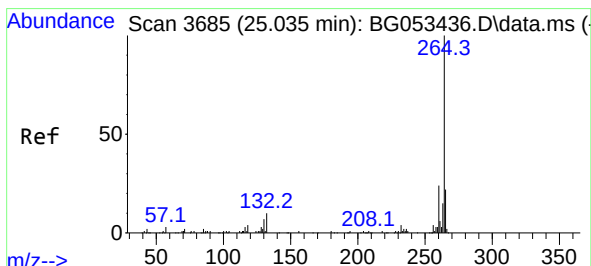
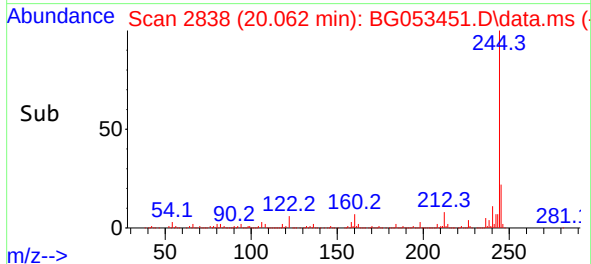
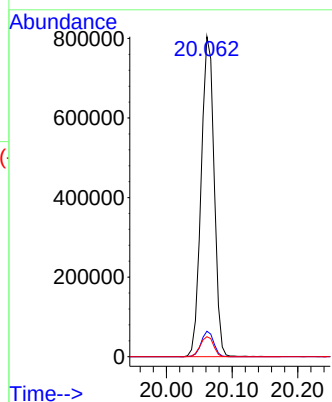
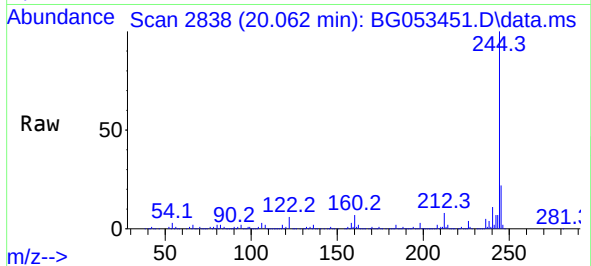




#79
 Terphenyl-d14
 Concen: 89.181 ng
 RT: 20.062 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BG053451.D
 Acq: 5 May 2022 15:18

Instrument :
 BNA_G
 ClientSampleId :
 PB144603BL

Tgt Ion:244 Resp: 1108449
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.5 9.7
 122 6.3 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.014 min Scan# 3681
 Delta R.T. -0.021 min
 Lab File: BG053451.D
 Acq: 5 May 2022 15:18

Tgt Ion:264 Resp: 232940
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.0 28.6
 265 22.2 17.4 26.2

