

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050622\
 Data File : BG053472.D
 Acq On : 6 May 2022 12:14
 Operator : CG/JU
 Sample : N2672-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 02

Quant Time: May 06 22:52:15 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	18811	20.000	ng	0.00
21) Naphthalene-d8	10.904	136	79045	20.000	ng	# 0.00
39) Acenaphthene-d10	14.711	164	63461	20.000	ng	0.00
64) Phenanthrene-d10	17.460	188	175993	20.000	ng	0.00
76) Chrysene-d12	21.737	240	193606	20.000	ng	0.00
86) Perylene-d12	25.015	264	201823	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.652	112	126880	114.472	ng	-0.01
7) Phenol-d6	7.250	99	191790	114.014	ng	0.00
23) Nitrobenzene-d5	9.248	82	132663	71.444	ng	-0.01
42) 2,4,6-Tribromophenol	16.203	330	107301	114.641	ng	0.00
45) 2-Fluorobiphenyl	13.336	172	299407	68.943	ng	0.00
79) Terphenyl-d14	20.062	244	695169	66.875	ng	0.00

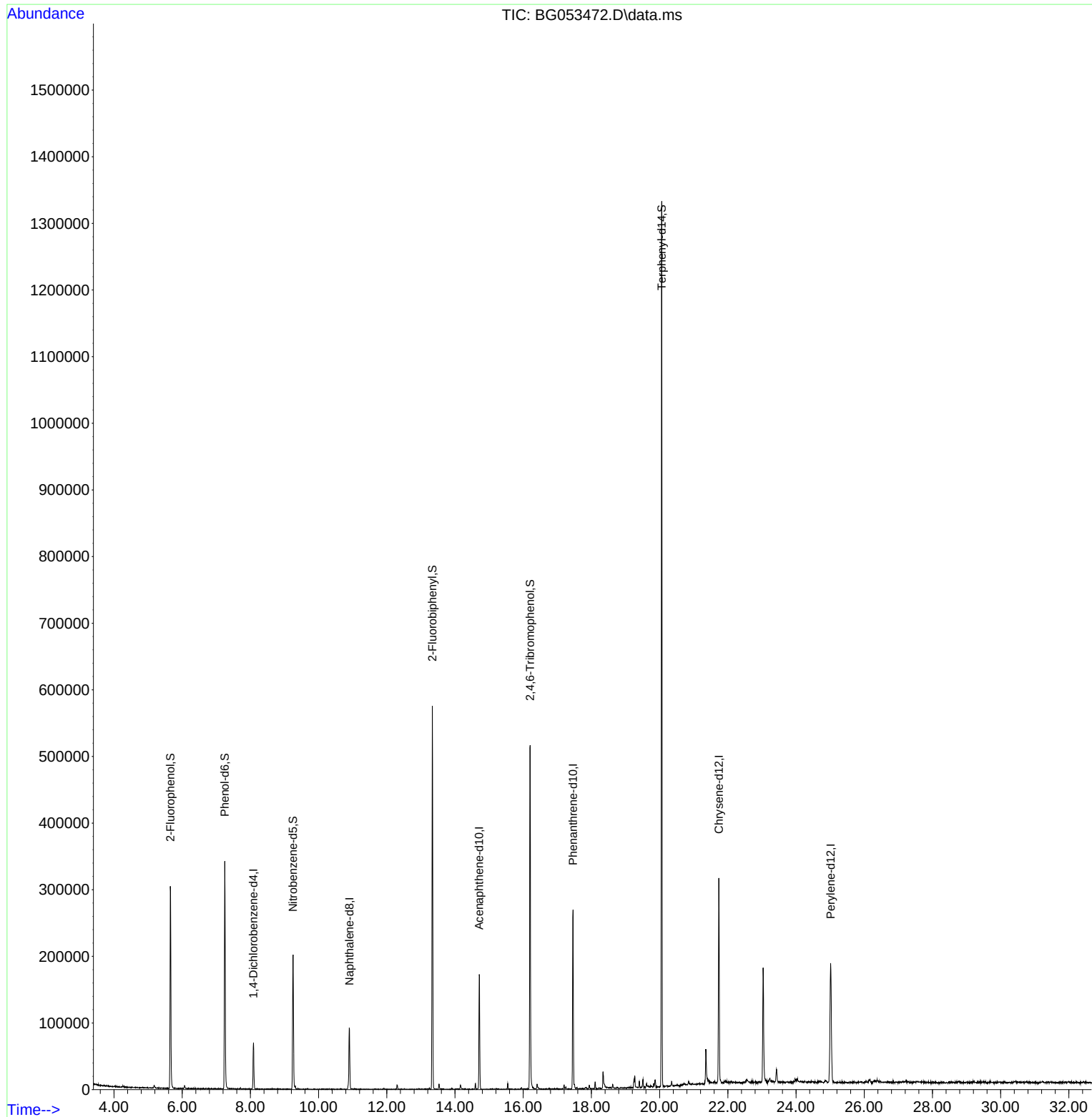
Target Compounds	Qvalue

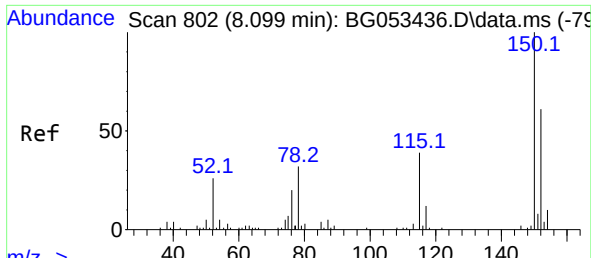
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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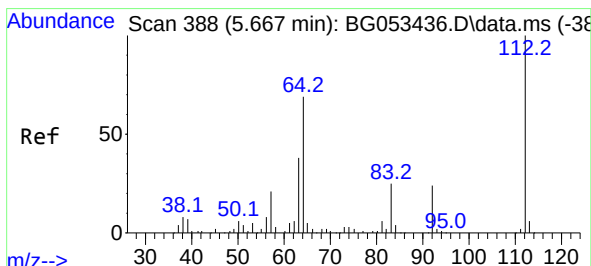
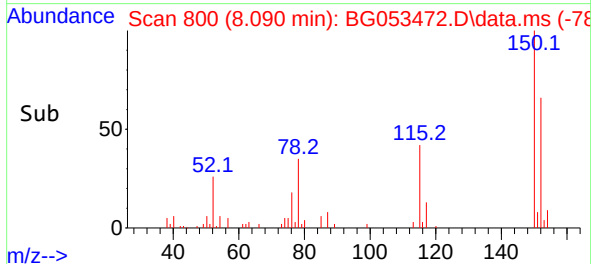
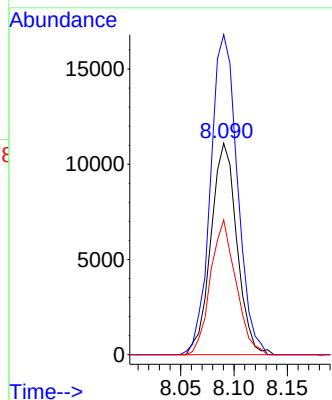
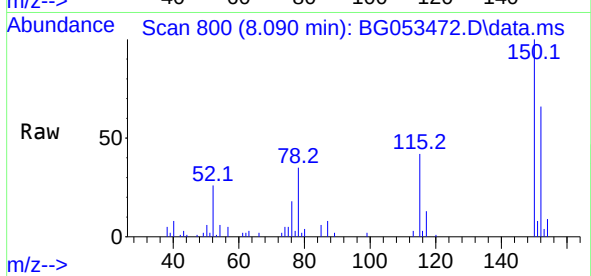




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.090 min Scan# 80
Delta R.T. -0.009 min
Lab File: BG053472.D
Acq: 6 May 2022 12:14

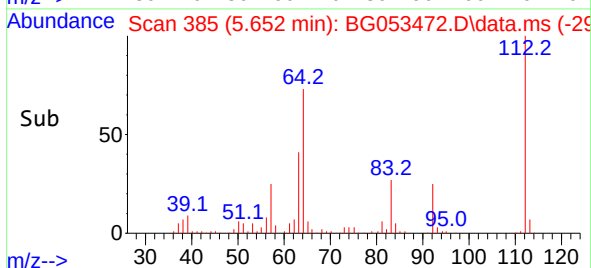
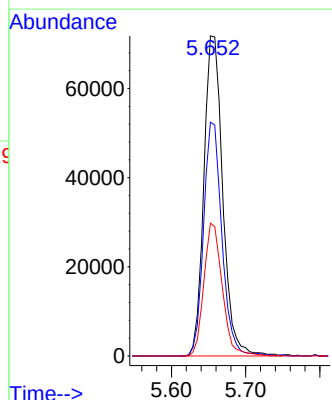
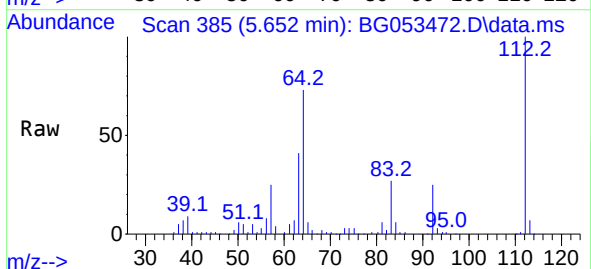
Instrument :
BNA_G
ClientSampleId :
02

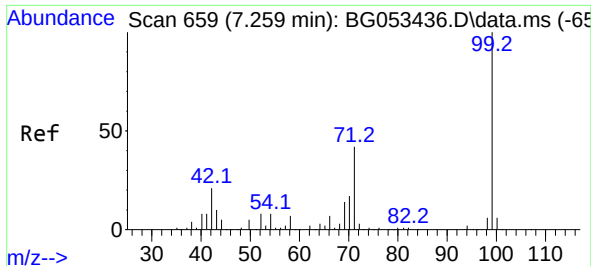
Tgt Ion:152 Resp: 18811
Ion Ratio Lower Upper
152 100
150 151.4 131.6 197.4
115 63.7 50.9 76.3



#5
2-Fluorophenol
Concen: 114.472 ng
RT: 5.652 min Scan# 385
Delta R.T. -0.015 min
Lab File: BG053472.D
Acq: 6 May 2022 12:14

Tgt Ion:112 Resp: 126880
Ion Ratio Lower Upper
112 100
64 73.0 55.1 82.7
63 41.5 30.4 45.6

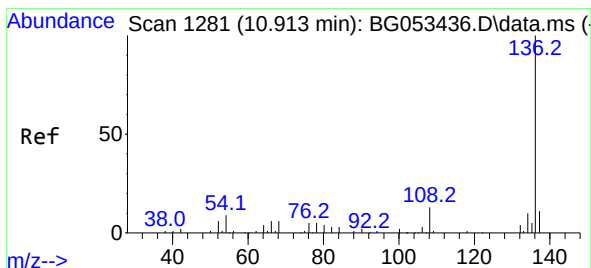
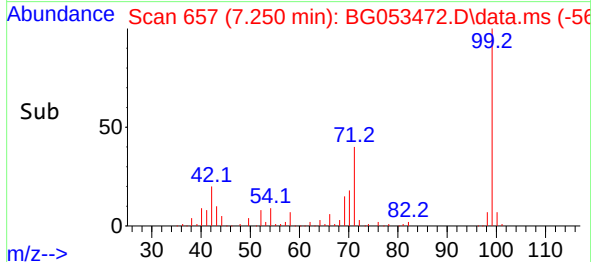
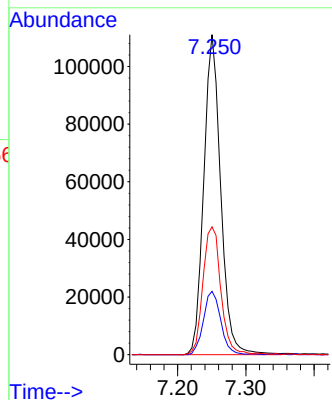
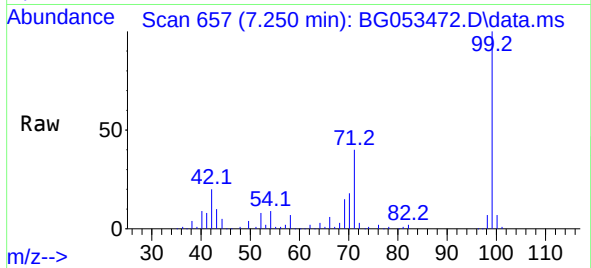




#7
Phenol-d6
Concen: 114.014 ng
RT: 7.250 min Scan# 61
Delta R.T. -0.009 min
Lab File: BG053472.D
Acq: 6 May 2022 12:14

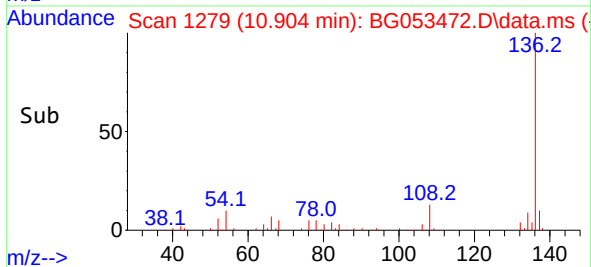
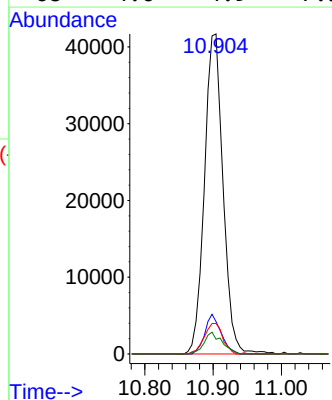
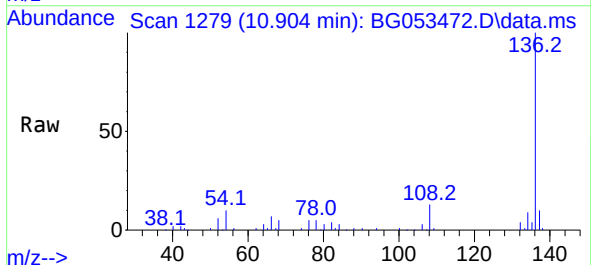
Instrument :
BNA_G
ClientSampleId :
02

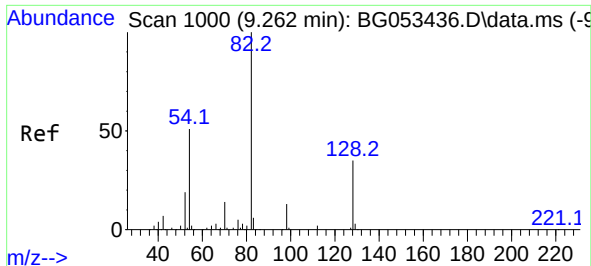
Tgt Ion: 99 Resp: 191790
Ion Ratio Lower Upper
99 100
42 19.8 17.0 25.6
71 39.9 33.8 50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.904 min Scan# 1279
Delta R.T. -0.009 min
Lab File: BG053472.D
Acq: 6 May 2022 12:14

Tgt Ion: 136 Resp: 79045
Ion Ratio Lower Upper
136 100
137 10.1 8.5 12.7
54 9.5 7.4 11.2
68 4.6 4.9 7.3#

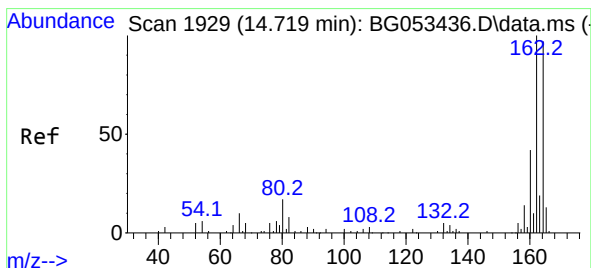
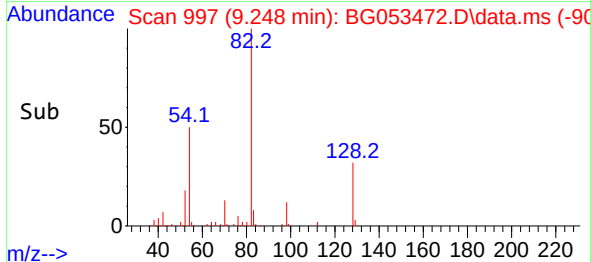
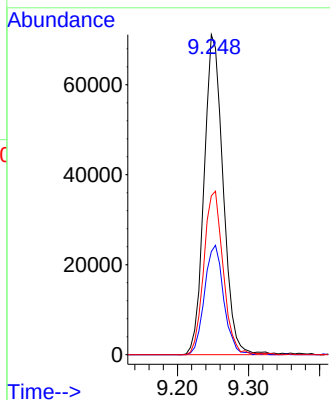
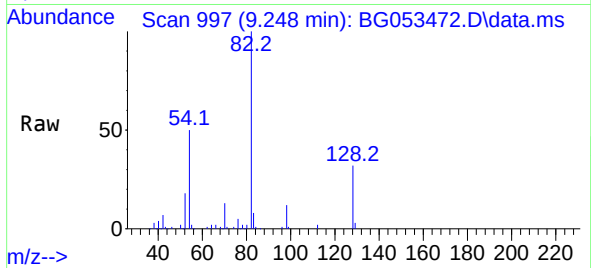




#23
Nitrobenzene-d5
Concen: 71.444 ng
RT: 9.248 min Scan# 91
Delta R.T. -0.014 min
Lab File: BG053472.D
Acq: 6 May 2022 12:14

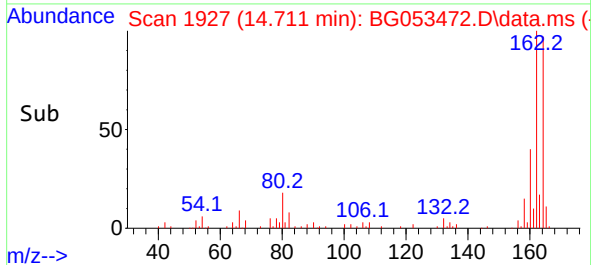
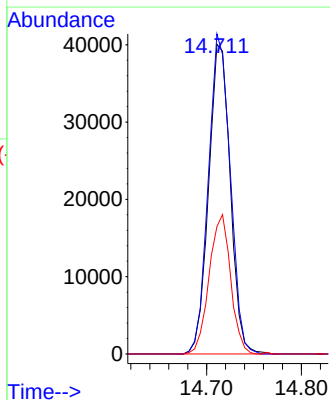
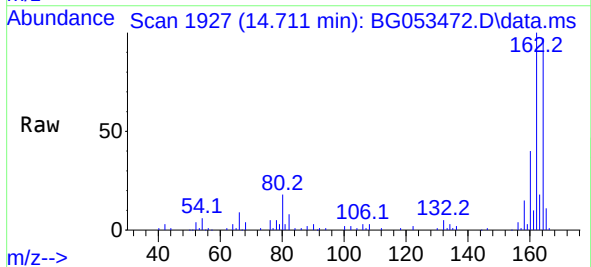
Instrument :
BNA_G
ClientSampleId :
02

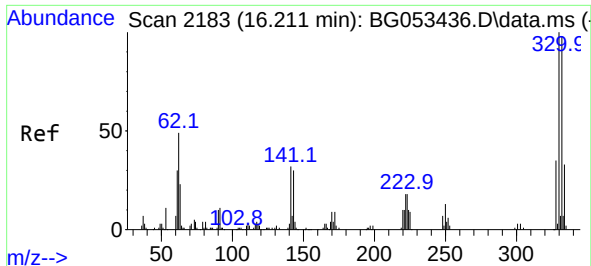
Tgt Ion: 82 Resp: 132663
Ion Ratio Lower Upper
82 100
128 32.2 27.9 41.9
54 49.7 41.2 61.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.711 min Scan# 1927
Delta R.T. -0.008 min
Lab File: BG053472.D
Acq: 6 May 2022 12:14

Tgt Ion:164 Resp: 63461
Ion Ratio Lower Upper
164 100
162 103.4 82.3 123.5
160 41.2 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 114.641 ng

RT: 16.203 min Scan# 21

Delta R.T. -0.008 min

Lab File: BG053472.D

Acq: 6 May 2022 12:14

Instrument :

BNA_G

ClientSampleId :

02

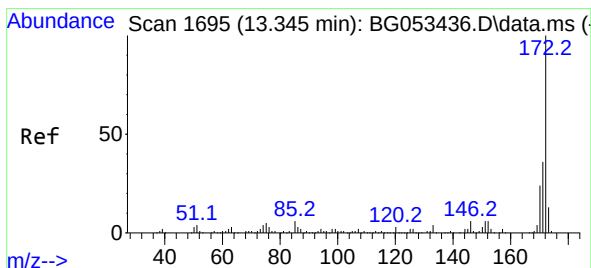
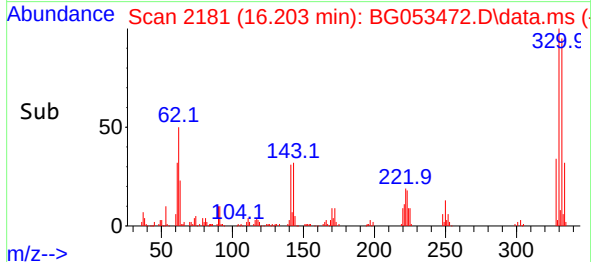
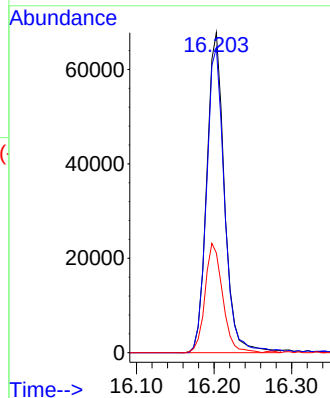
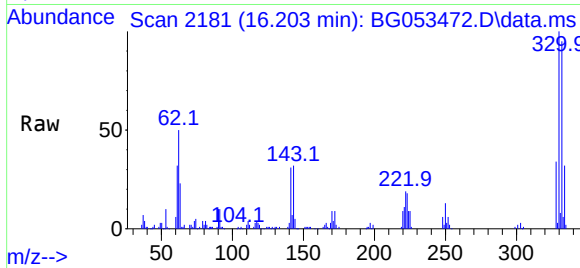
Tgt Ion:330 Resp: 107301

Ion Ratio Lower Upper

330 100

332 97.5 76.0 114.0

141 34.0 27.1 40.7



#45

2-Fluorobiphenyl

Concen: 68.943 ng

RT: 13.336 min Scan# 1693

Delta R.T. -0.009 min

Lab File: BG053472.D

Acq: 6 May 2022 12:14

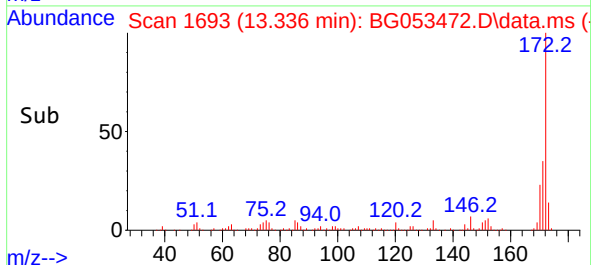
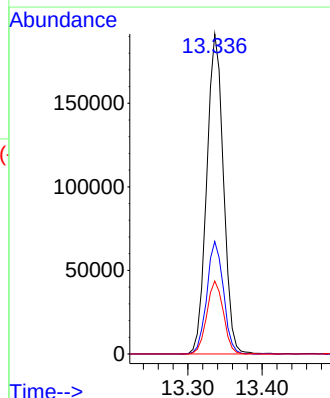
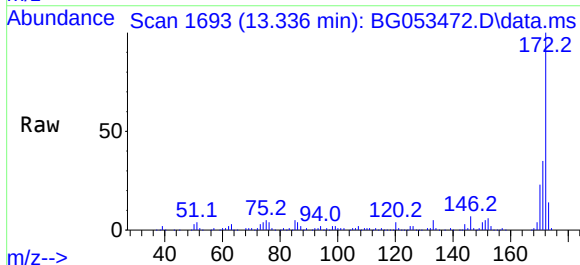
Tgt Ion:172 Resp: 299407

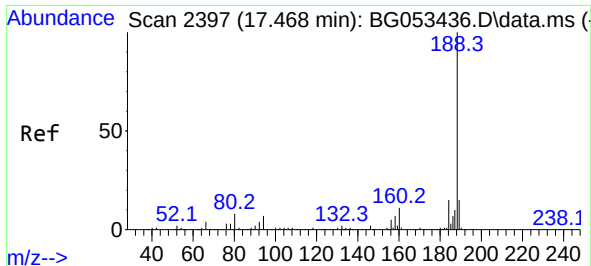
Ion Ratio Lower Upper

172 100

171 35.2 28.5 42.7

170 22.8 18.9 28.3

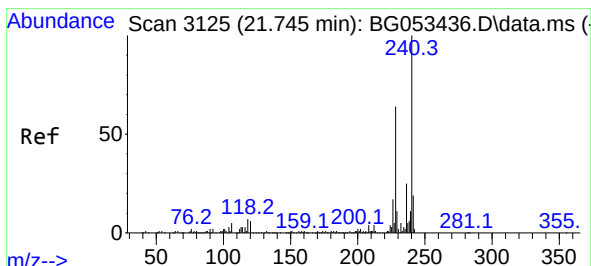
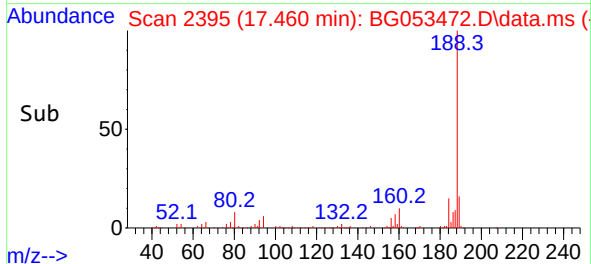
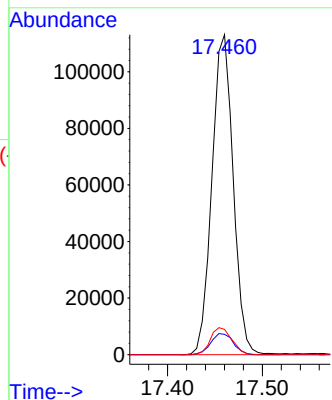
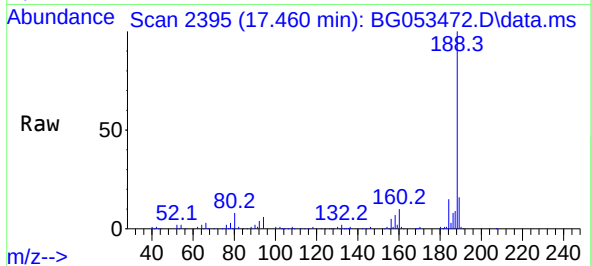




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.460 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG053472.D
Acq: 6 May 2022 12:14

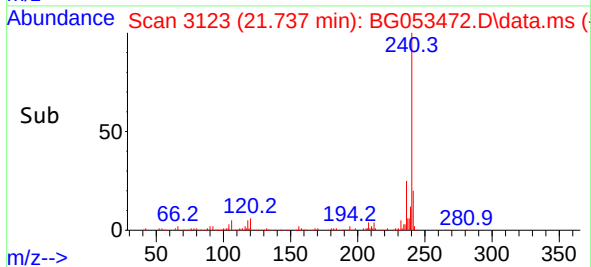
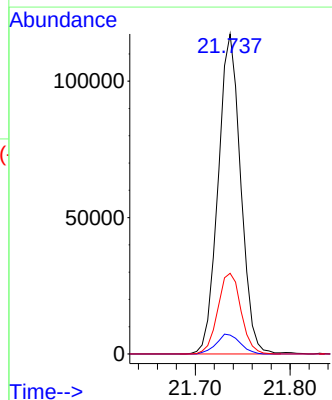
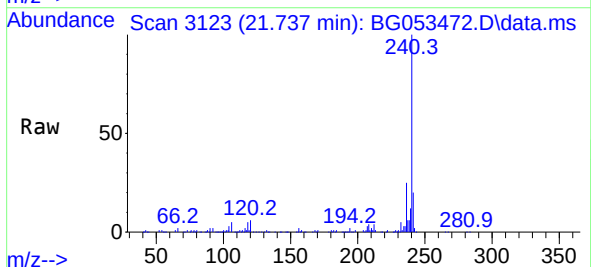
Instrument :
BNA_G
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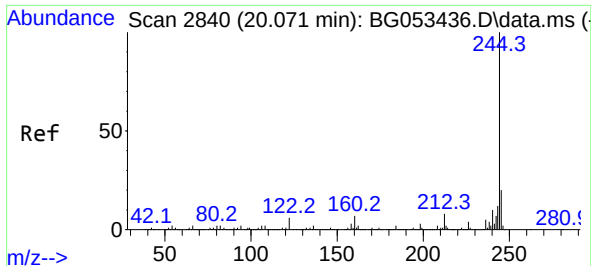
Tgt Ion:188 Resp: 175993
Ion Ratio Lower Upper
188 100
94 6.3 5.4 8.0
80 7.9 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.737 min Scan# 3123
Delta R.T. -0.008 min
Lab File: BG053472.D
Acq: 6 May 2022 12:14

Tgt Ion:240 Resp: 193606
Ion Ratio Lower Upper
240 100
120 5.9 4.6 7.0
236 25.2 20.2 30.4

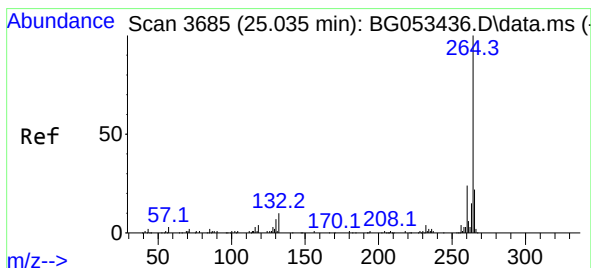
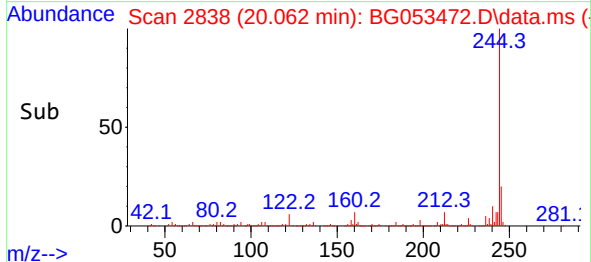
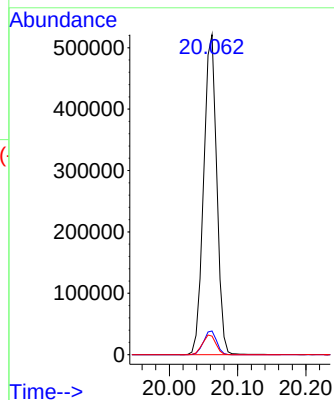
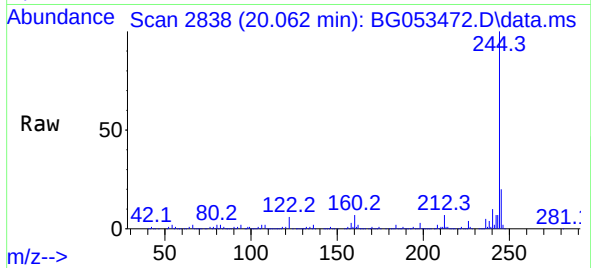




#79
 Terphenyl-d14
 Concen: 66.875 ng
 RT: 20.062 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BG053472.D
 Acq: 6 May 2022 12:14

Instrument :
 BNA_G
 ClientSampleId :
 02

Tgt Ion:244 Resp: 695169
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.5 9.7
 122 5.8 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.015 min Scan# 3681
 Delta R.T. -0.020 min
 Lab File: BG053472.D
 Acq: 6 May 2022 12:14

Tgt Ion:264 Resp: 201823
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.0 28.6
 265 22.5 17.4 26.2

