

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG033123\
 Data File : BG056947.D
 Acq On : 31 Mar 2023 16:54
 Operator : CG/JU
 Sample : PB151350BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB151350BL

Quant Time: Apr 01 02:37:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 03:23:11 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.419	152	15820	20.000	ng	0.00
21) Naphthalene-d8	11.256	136	64022	20.000	ng	0.00
39) Acenaphthene-d10	15.028	164	49929	20.000	ng	0.00
64) Phenanthrene-d10	17.765	188	135074	20.000	ng	0.00
76) Chrysene-d12	22.089	240	137007	20.000	ng	0.00
86) Perylene-d12	25.637	264	147142	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.922	112	148210	149.938	ng	0.00
7) Phenol-d6	7.544	99	205879	139.259	ng	0.00
23) Nitrobenzene-d5	9.588	82	132960	84.977	ng	0.00
42) 2,4,6-Tribromophenol	16.508	330	106097	133.015	ng	0.00
45) 2-Fluorobiphenyl	13.653	172	321855	87.412	ng	0.00
79) Terphenyl-d14	20.338	244	733324	90.572	ng	0.00

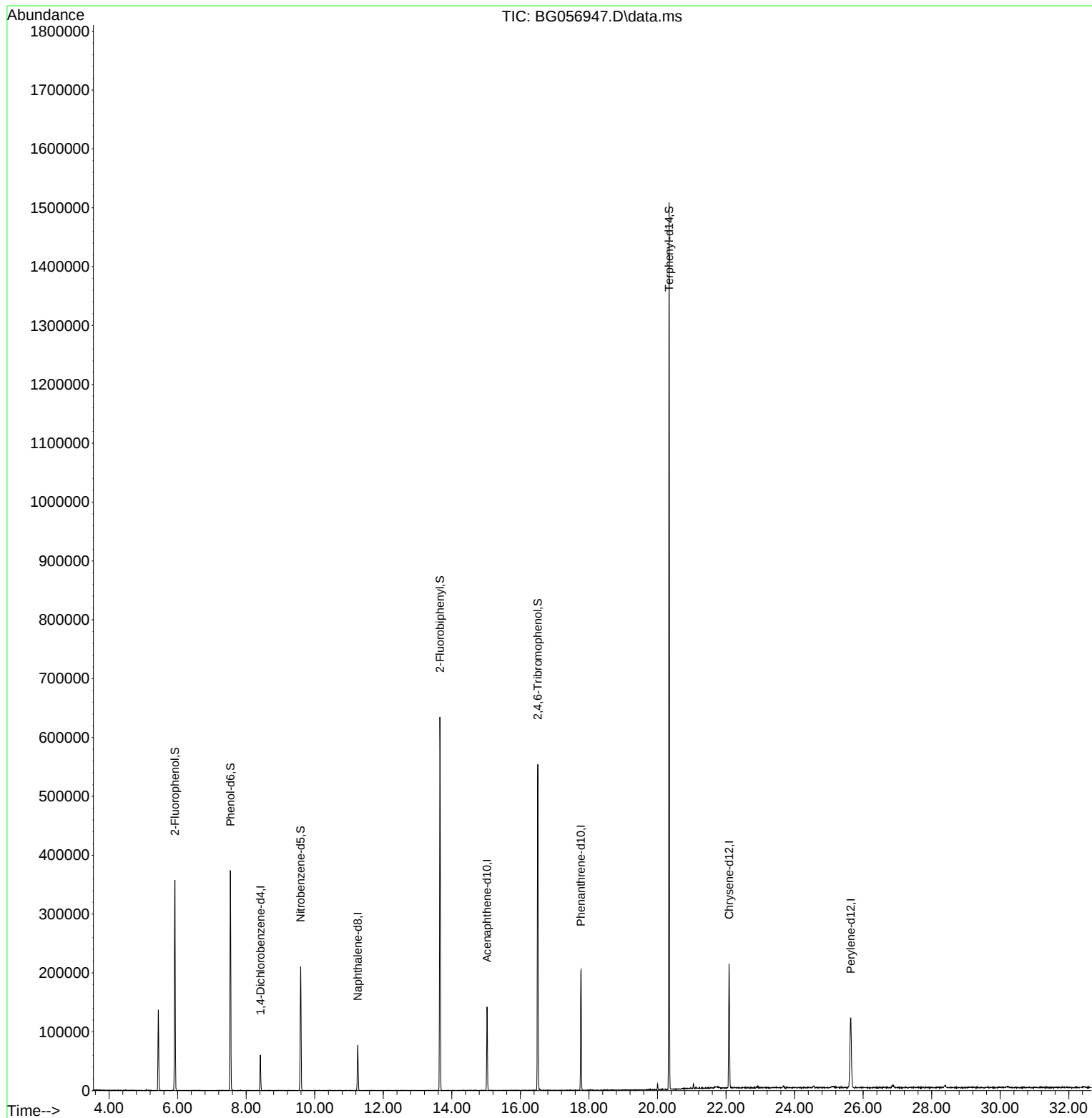
Target Compounds	Qvalue

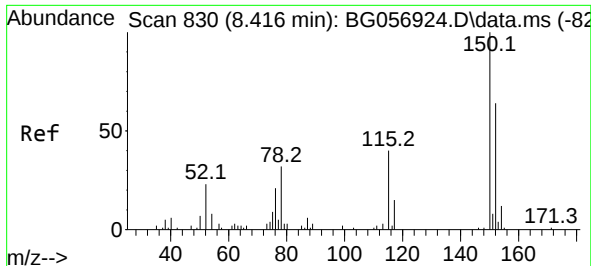
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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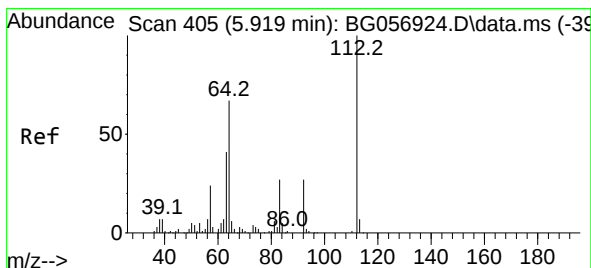
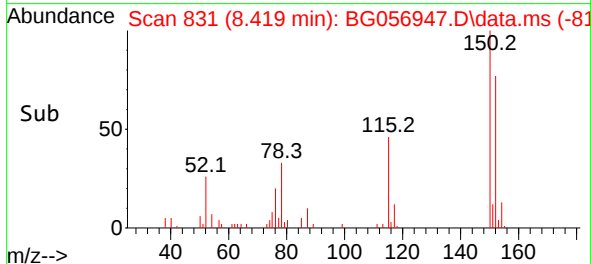
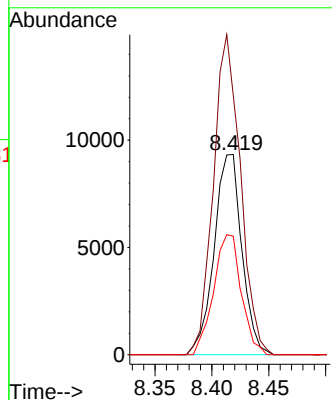
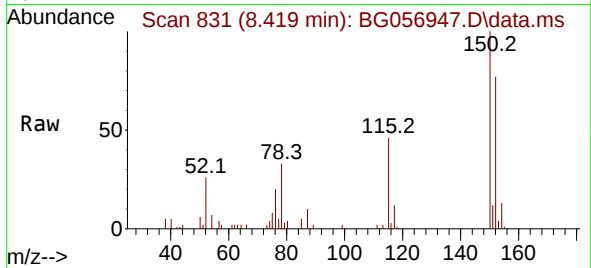




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.419 min Scan# 81
Delta R.T. 0.003 min
Lab File: BG056947.D
Acq: 31 Mar 2023 16:54

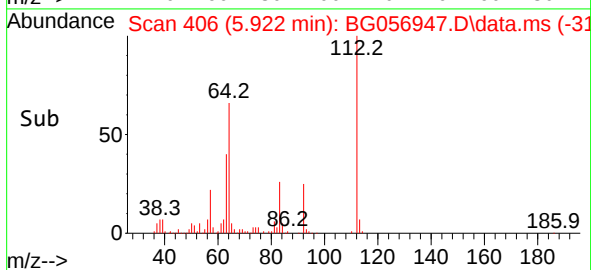
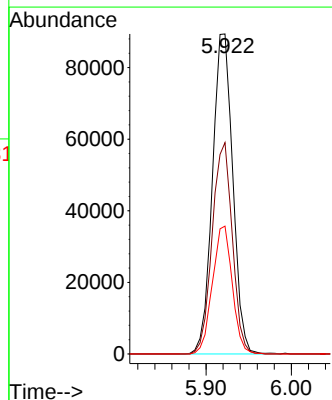
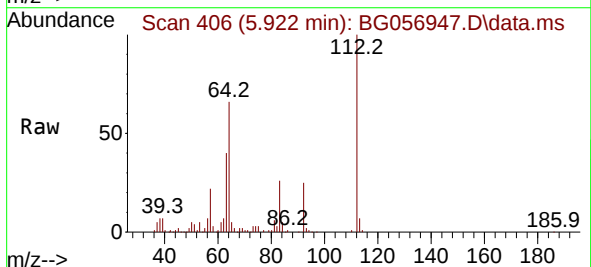
Instrument :
BNA_G
ClientSampleId :
PB151350BL

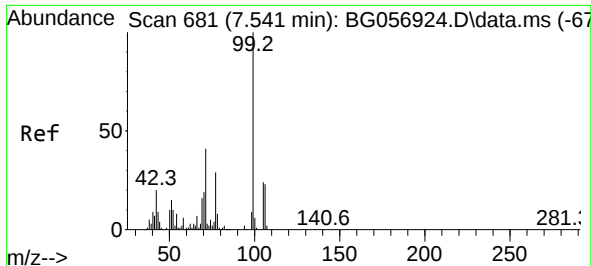
Tgt Ion:152 Resp: 15820
Ion Ratio Lower Upper
152 100
150 129.2 124.1 186.1
115 59.1 49.1 73.7



#5
2-Fluorophenol
Concen: 149.938 ng
RT: 5.922 min Scan# 406
Delta R.T. 0.003 min
Lab File: BG056947.D
Acq: 31 Mar 2023 16:54

Tgt Ion:112 Resp: 148210
Ion Ratio Lower Upper
112 100
64 66.1 53.2 79.8
63 39.9 32.6 48.8

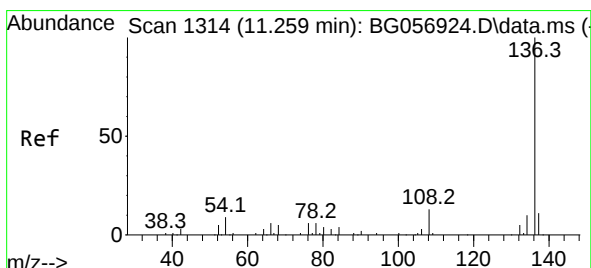
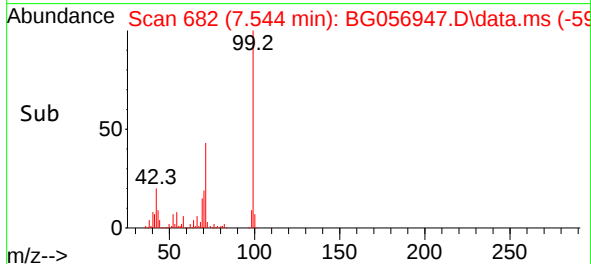
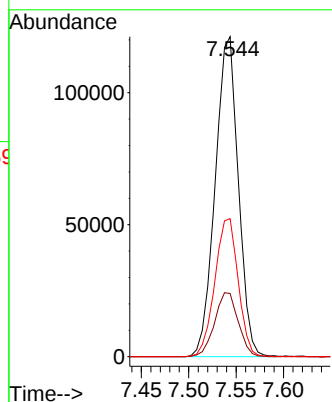
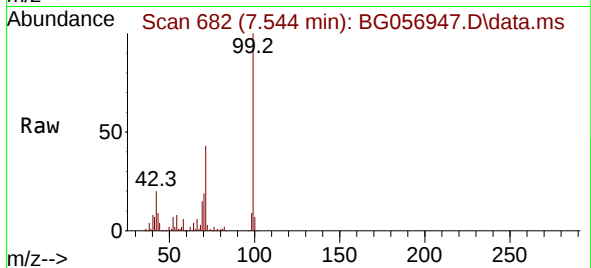




#7
Phenol-d6
Concen: 139.259 ng
RT: 7.544 min Scan# 681
Delta R.T. 0.003 min
Lab File: BG056947.D
Acq: 31 Mar 2023 16:54

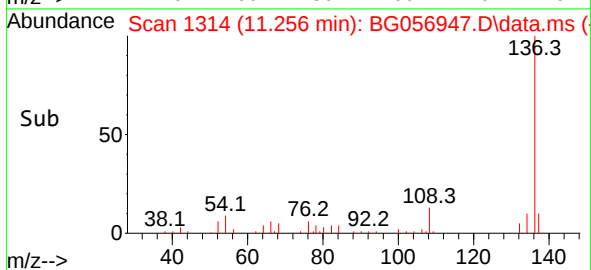
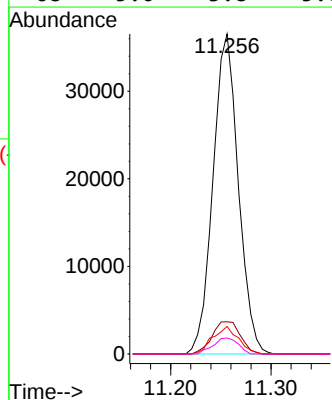
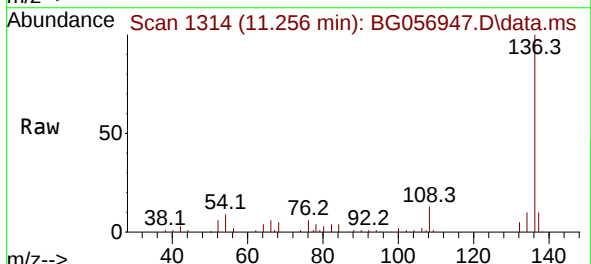
Instrument :
BNA_G
ClientSampleId :
PB151350BL

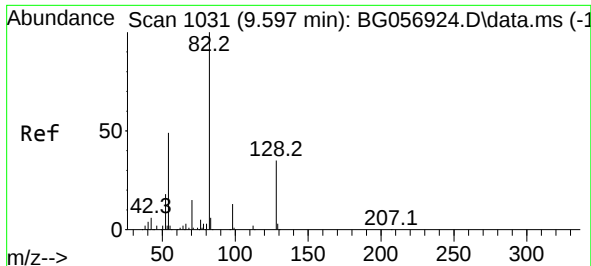
Tgt Ion: 99 Resp: 205879
Ion Ratio Lower Upper
99 100
42 19.7 15.7 23.5
71 43.2 32.5 48.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.256 min Scan# 1314
Delta R.T. -0.003 min
Lab File: BG056947.D
Acq: 31 Mar 2023 16:54

Tgt Ion: 136 Resp: 64022
Ion Ratio Lower Upper
136 100
137 10.0 8.6 13.0
54 8.6 6.9 10.3
68 5.0 3.8 5.6





#23

Nitrobenzene-d5

Concen: 84.977 ng

RT: 9.588 min Scan# 1030

Delta R.T. -0.009 min

Lab File: BG056947.D

Acq: 31 Mar 2023 16:54

Instrument :

BNA_G

ClientSampleId :

PB151350BL

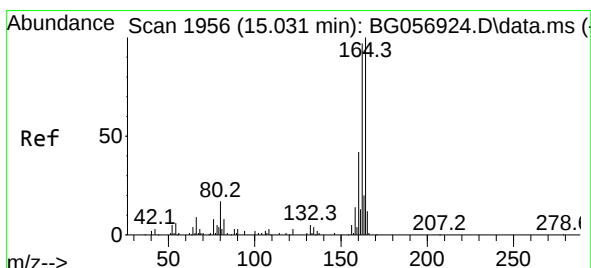
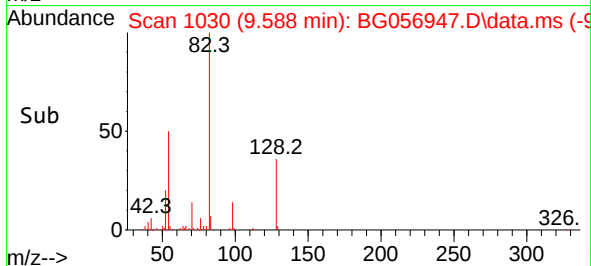
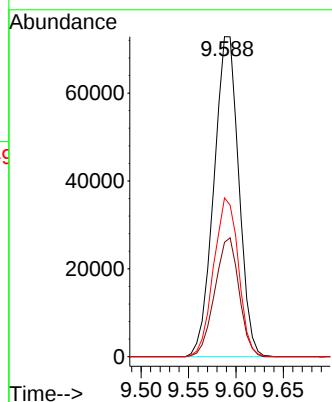
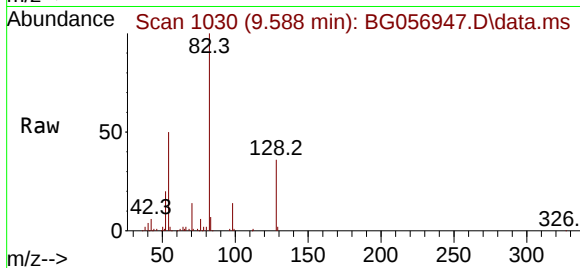
Tgt Ion: 82 Resp: 132960

Ion Ratio Lower Upper

82 100

128 35.8 27.9 41.9

54 49.6 39.4 59.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.028 min Scan# 1956

Delta R.T. -0.003 min

Lab File: BG056947.D

Acq: 31 Mar 2023 16:54

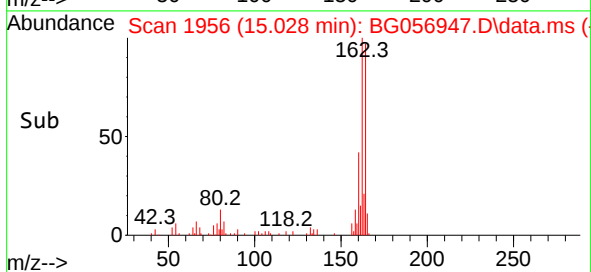
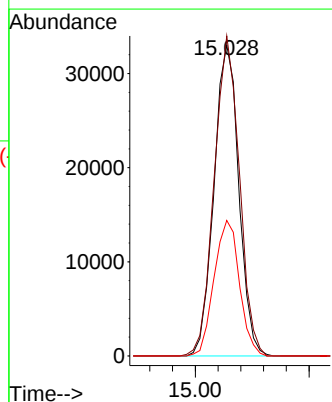
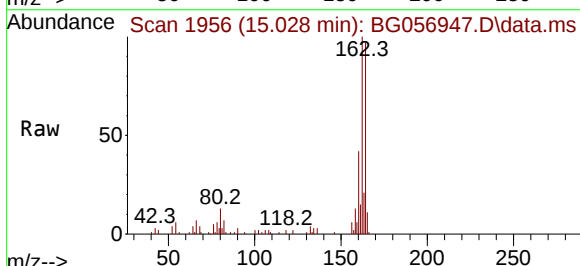
Tgt Ion:164 Resp: 49929

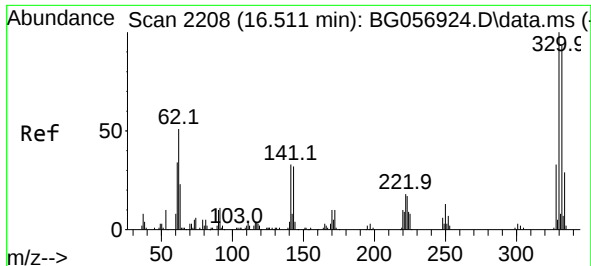
Ion Ratio Lower Upper

164 100

162 103.0 77.8 116.8

160 43.6 33.5 50.3





#42

2,4,6-Tribromophenol

Concen: 133.015 ng

RT: 16.508 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG056947.D

Acq: 31 Mar 2023 16:54

Instrument :

BNA_G

ClientSampleId :

PB151350BL

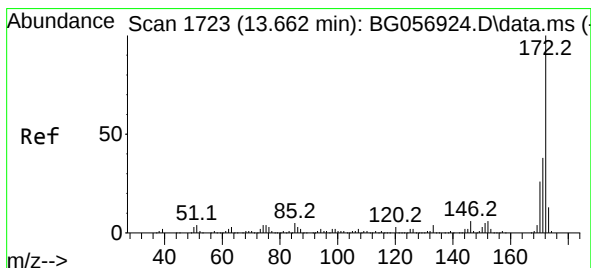
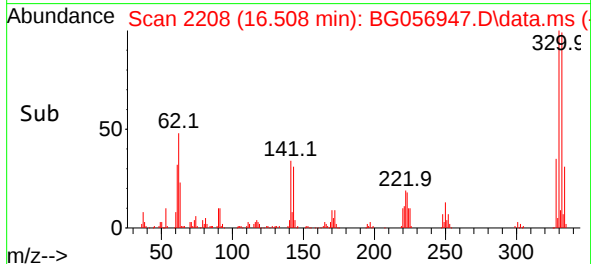
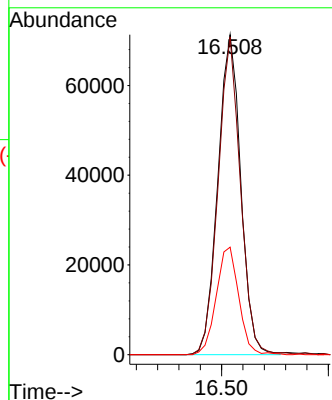
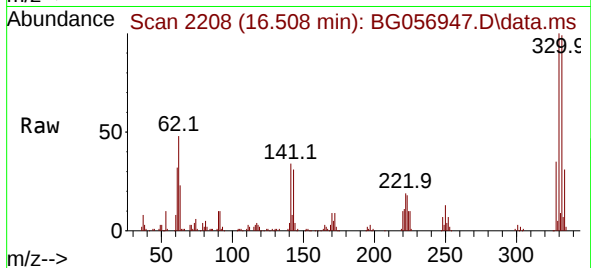
Tgt Ion:330 Resp: 106097

Ion Ratio Lower Upper

330 100

332 96.8 76.1 114.1

141 33.1 25.8 38.6



#45

2-Fluorobiphenyl

Concen: 87.412 ng

RT: 13.653 min Scan# 1722

Delta R.T. -0.009 min

Lab File: BG056947.D

Acq: 31 Mar 2023 16:54

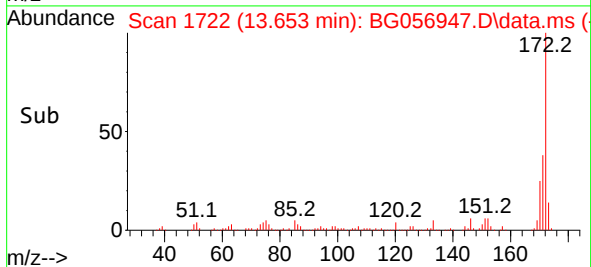
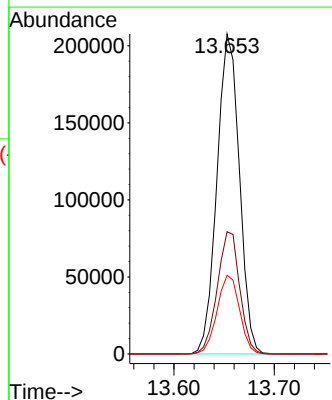
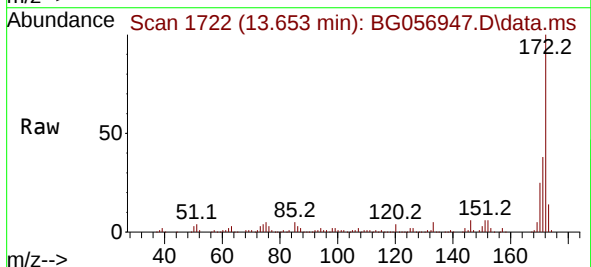
Tgt Ion:172 Resp: 321855

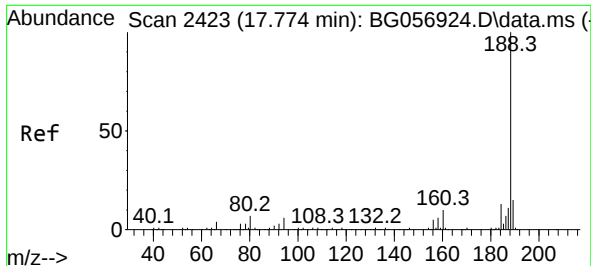
Ion Ratio Lower Upper

172 100

171 38.2 30.6 46.0

170 24.6 20.6 30.8

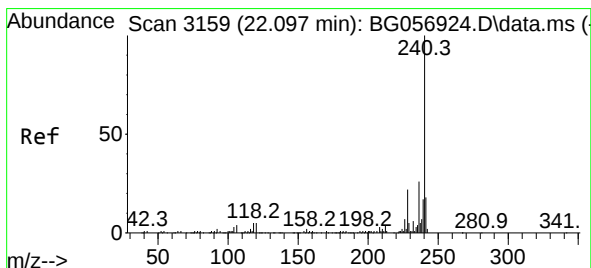
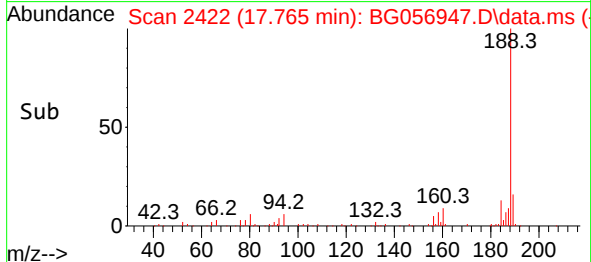
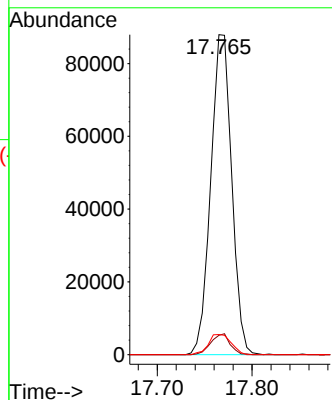
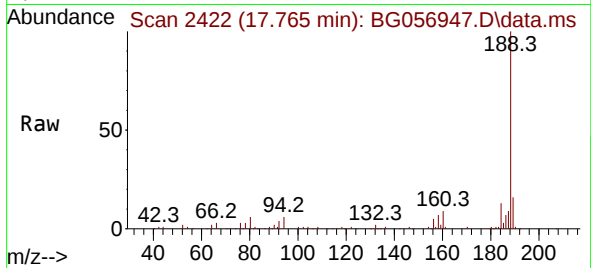




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.765 min Scan# 2422
Delta R.T. -0.009 min
Lab File: BG056947.D
Acq: 31 Mar 2023 16:54

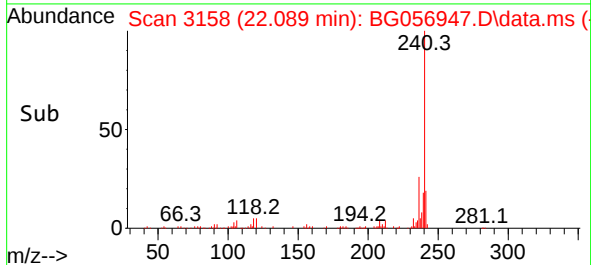
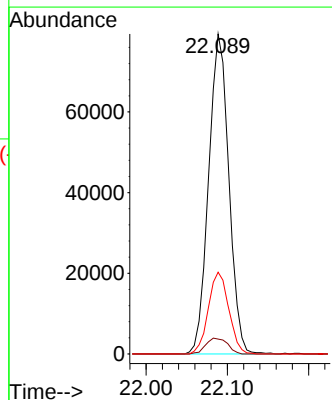
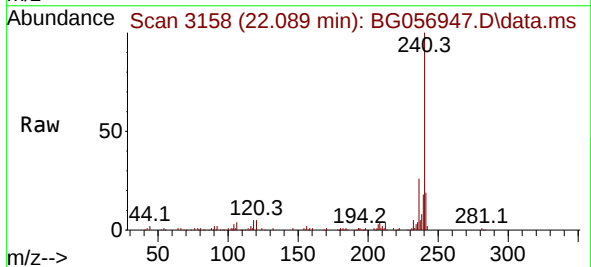
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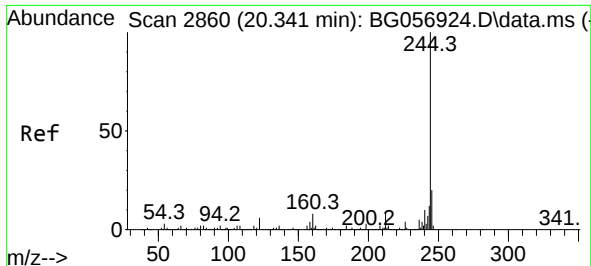
Tgt Ion:188 Resp: 135074
Ion Ratio Lower Upper
188 100
94 6.0 4.6 6.8
80 6.3 5.5 8.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.089 min Scan# 3158
Delta R.T. -0.009 min
Lab File: BG056947.D
Acq: 31 Mar 2023 16:54

Tgt Ion:240 Resp: 137007
Ion Ratio Lower Upper
240 100
120 4.7 3.8 5.6
236 25.6 21.0 31.6

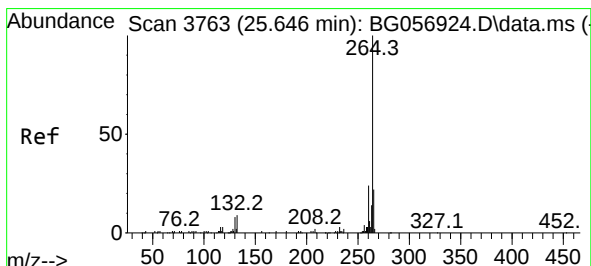
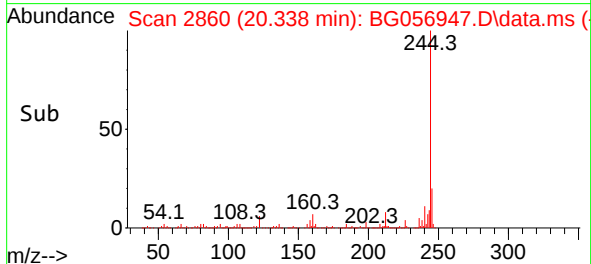
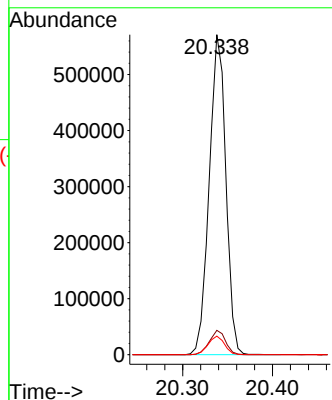
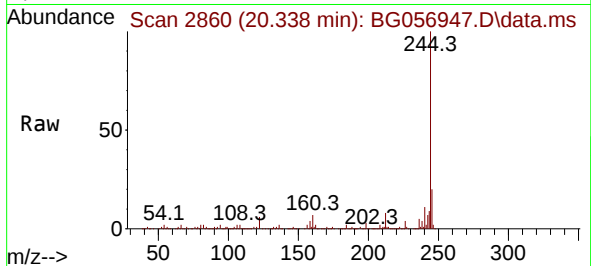




#79
 Terphenyl-d14
 Concen: 90.572 ng
 RT: 20.338 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG056947.D
 Acq: 31 Mar 2023 16:54

Instrument :
 BNA_G
 ClientSampleId :
 PB151350BL

Tgt Ion:244 Resp: 733324
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.1 9.1
 122 5.8 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.637 min Scan# 3762
 Delta R.T. -0.009 min
 Lab File: BG056947.D
 Acq: 31 Mar 2023 16:54

Tgt Ion:264 Resp: 147142
 Ion Ratio Lower Upper
 264 100
 260 21.4 19.0 28.4
 265 21.4 17.8 26.6

