

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040423\
 Data File : BG056964.D
 Acq On : 4 Apr 2023 13:48
 Operator : CG/JU
 Sample : 02104-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EB-2023-03-25

Quant Time: Apr 05 04:07:25 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	8.413	152	16757	20.000	ng	0.00
21) Naphthalene-d8	11.256	136	64914	20.000	ng	0.00
39) Acenaphthene-d10	15.028	164	47743	20.000	ng	0.00
64) Phenanthrene-d10	17.765	188	127149	20.000	ng	0.00
76) Chrysene-d12	22.089	240	126784	20.000	ng	0.00
86) Perylene-d12	25.631	264	130654	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.922	112	71977	68.745	ng	0.00
7) Phenol-d6	7.538	99	62483	39.901	ng	0.00
23) Nitrobenzene-d5	9.588	82	145545	91.742	ng	0.00
42) 2,4,6-Tribromophenol	16.508	330	113024	148.187	ng	0.00
45) 2-Fluorobiphenyl	13.653	172	329056	93.459	ng	0.00
79) Terphenyl-d14	20.338	244	736025	98.236	ng	0.00

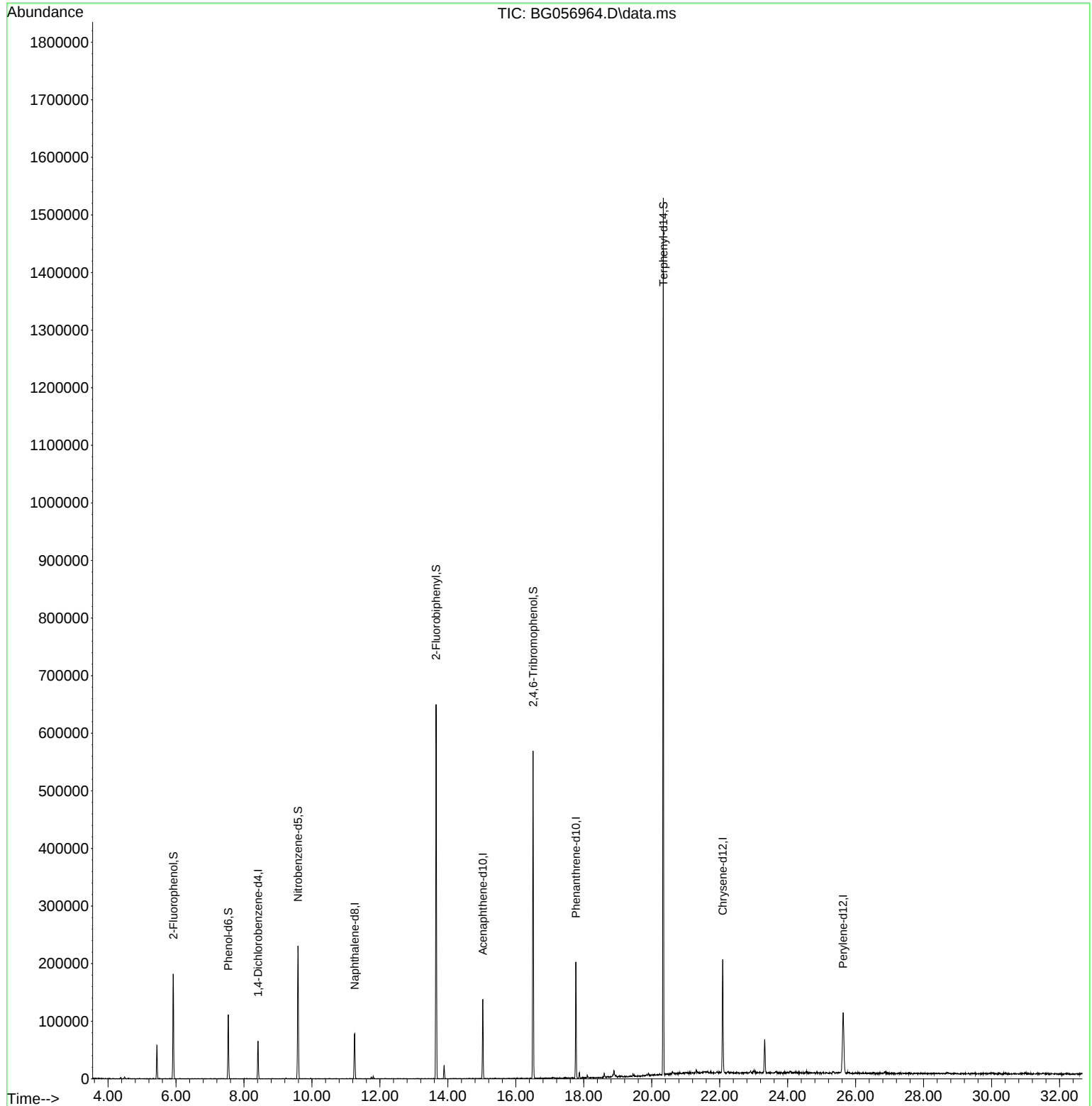
Target Compounds	Qvalue

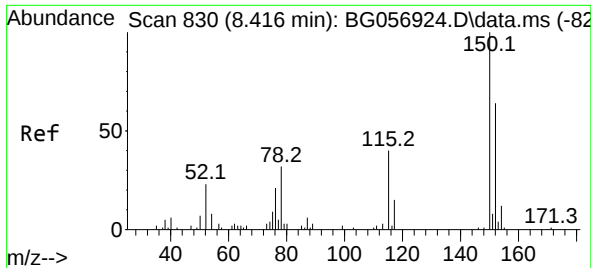
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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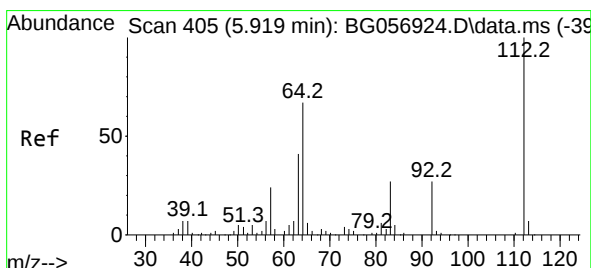
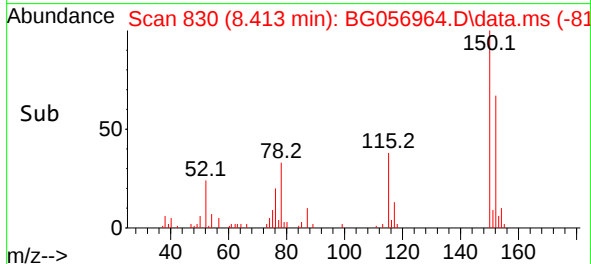
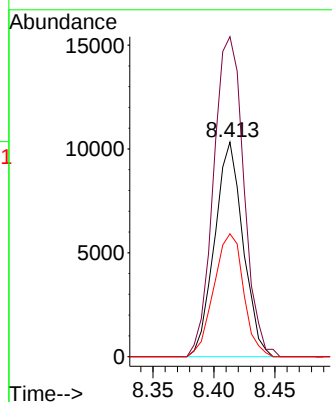
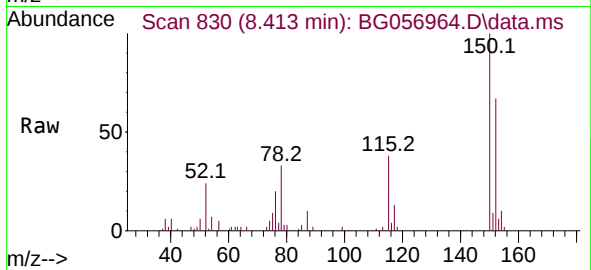




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.413 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG056964.D
Acq: 4 Apr 2023 13:48

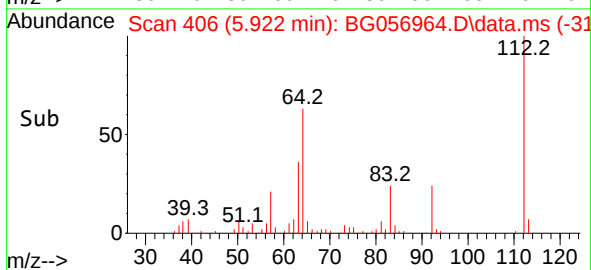
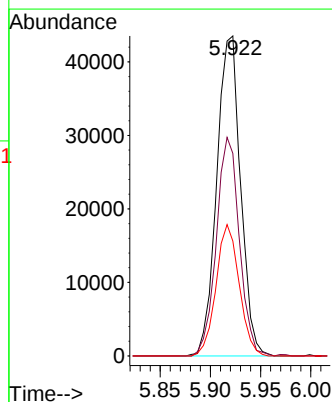
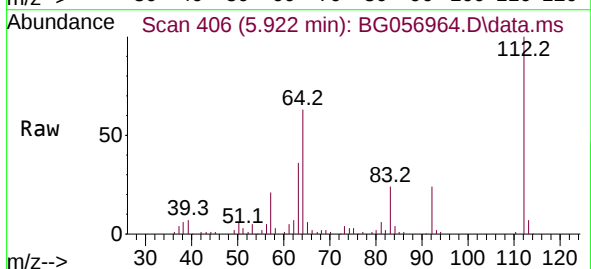
Instrument :
BNA_G
ClientSampleId :
EB-2023-03-25

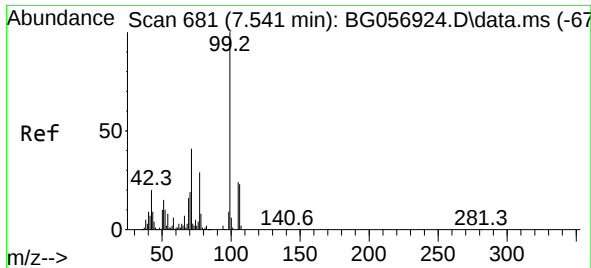
Tgt Ion:152 Resp: 16757
Ion Ratio Lower Upper
152 100
150 149.1 124.1 186.1
115 57.2 49.1 73.7



#5
2-Fluorophenol
Concen: 68.745 ng
RT: 5.922 min Scan# 406
Delta R.T. 0.003 min
Lab File: BG056964.D
Acq: 4 Apr 2023 13:48

Tgt Ion:112 Resp: 71977
Ion Ratio Lower Upper
112 100
64 63.3 53.2 79.8
63 35.9 32.6 48.8

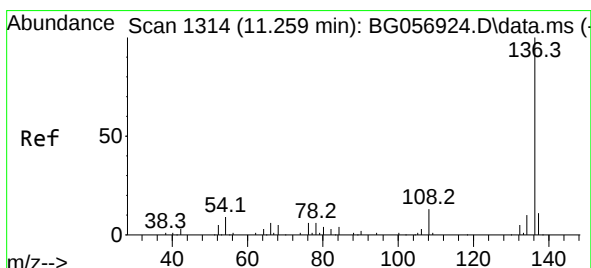
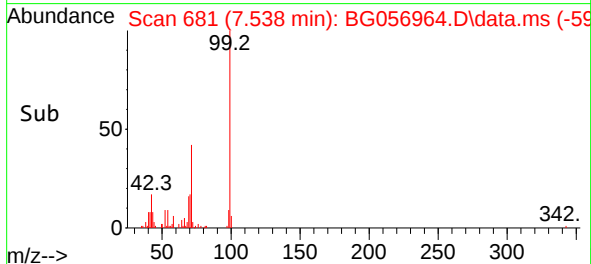
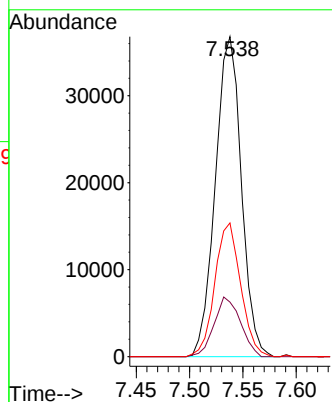
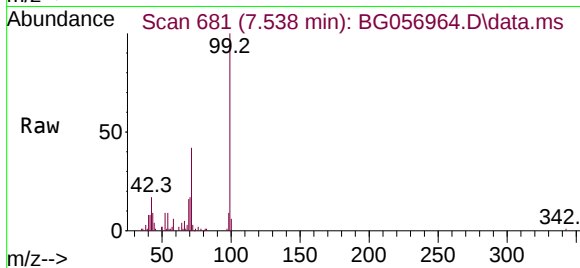




#7
Phenol-d6
Concen: 39.901 ng
RT: 7.538 min Scan# 681
Delta R.T. -0.003 min
Lab File: BG056964.D
Acq: 4 Apr 2023 13:48

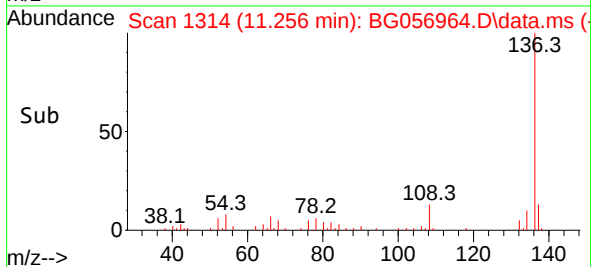
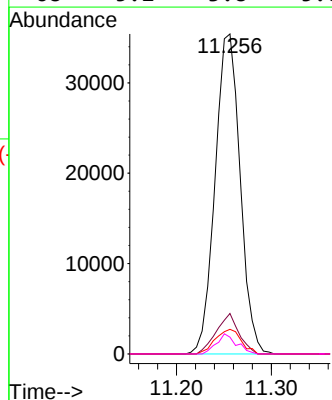
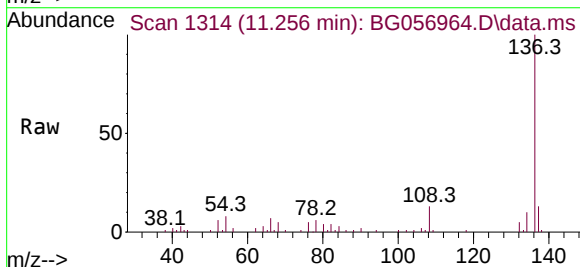
Instrument :
BNA_G
ClientSampleId :
EB-2023-03-25

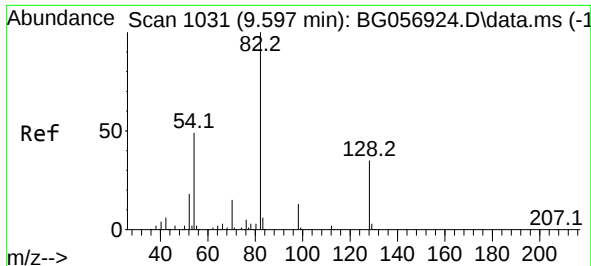
Tgt Ion: 99 Resp: 62483
Ion Ratio Lower Upper
99 100
42 17.0 15.7 23.5
71 41.8 32.5 48.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.256 min Scan# 1314
Delta R.T. -0.003 min
Lab File: BG056964.D
Acq: 4 Apr 2023 13:48

Tgt Ion: 136 Resp: 64914
Ion Ratio Lower Upper
136 100
137 12.6 8.6 13.0
54 7.7 6.9 10.3
68 5.2 3.8 5.6





#23

Nitrobenzene-d5

Concen: 91.742 ng

RT: 9.588 min Scan# 1030

Delta R.T. -0.009 min

Lab File: BG056964.D

Acq: 4 Apr 2023 13:48

Instrument :

BNA_G

ClientSampleId :

EB-2023-03-25

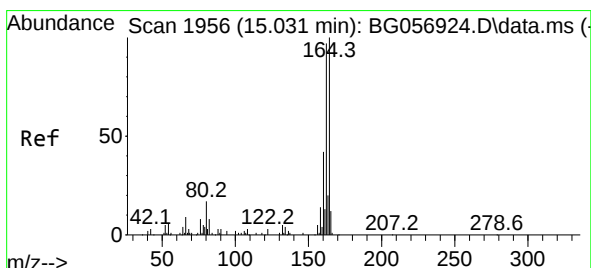
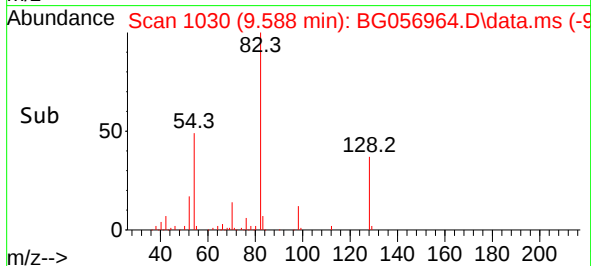
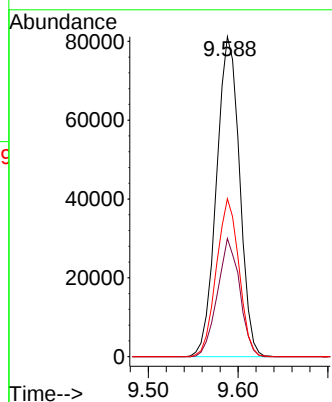
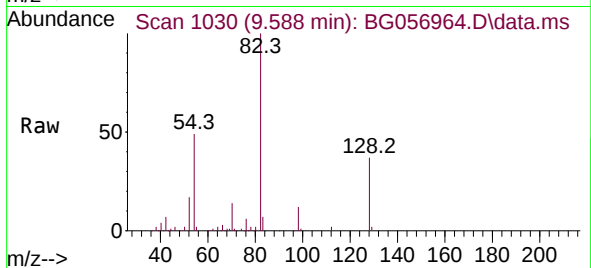
Tgt Ion: 82 Resp: 145545

Ion Ratio Lower Upper

82 100

128 36.9 27.9 41.9

54 49.3 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: BG056964.D

Acq: 4 Apr 2023 13:48

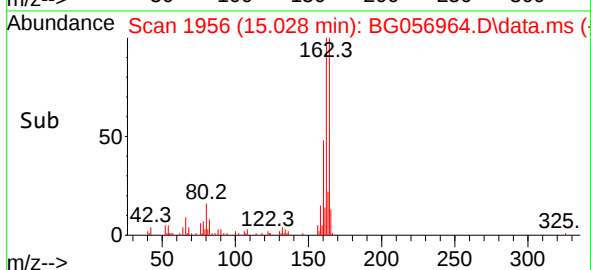
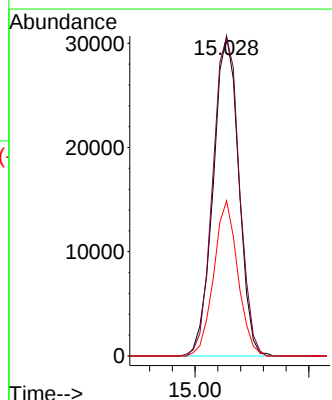
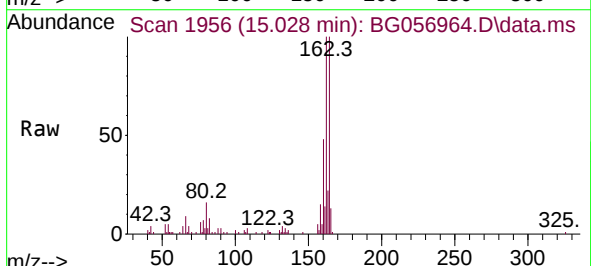
Tgt Ion: 164 Resp: 47743

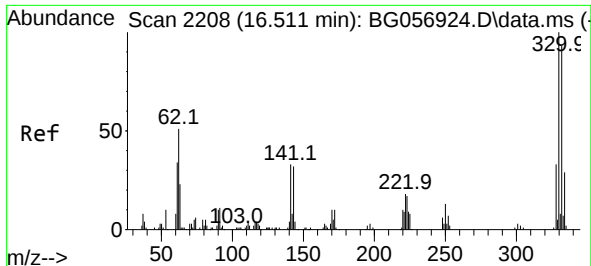
Ion Ratio Lower Upper

164 100

162 99.6 77.8 116.8

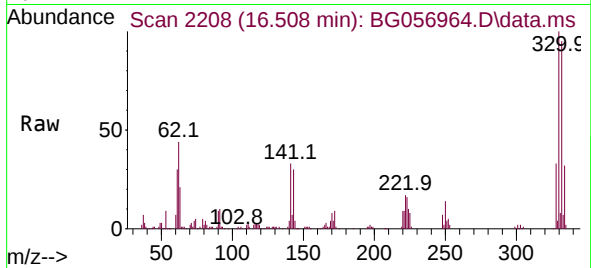
160 48.5 33.5 50.3



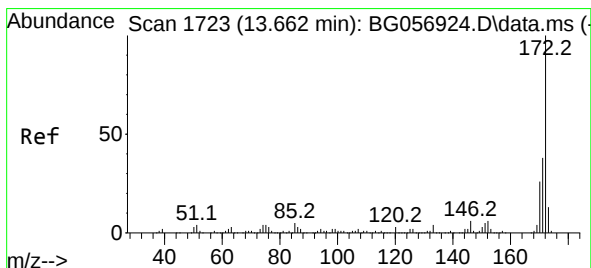
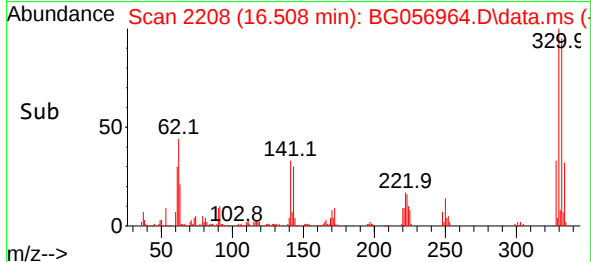
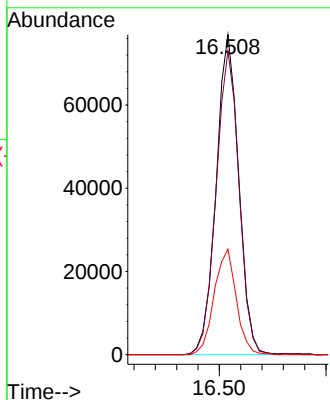


#42
2,4,6-Tribromophenol
Concen: 148.187 ng
RT: 16.508 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG056964.D
Acq: 4 Apr 2023 13:48

Instrument :
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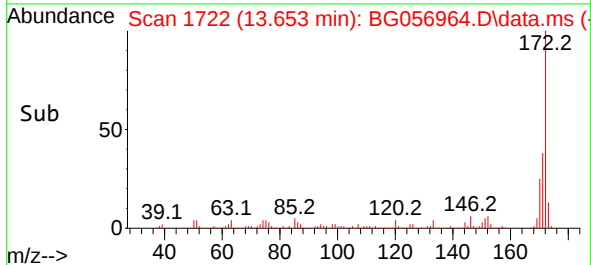
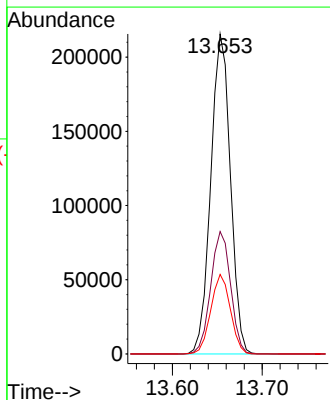
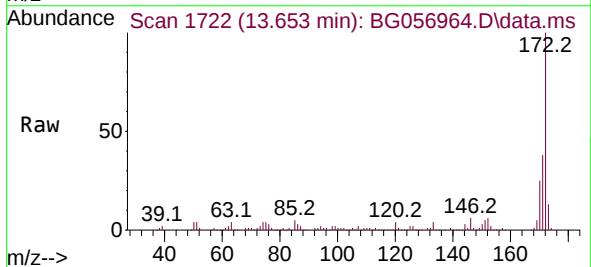


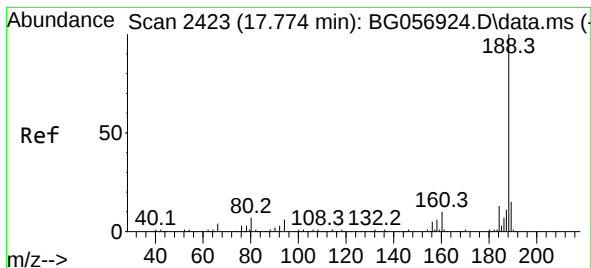
Tgt Ion:330 Resp: 113024
Ion Ratio Lower Upper
330 100
332 96.4 76.1 114.1
141 32.3 25.8 38.6



#45
2-Fluorobiphenyl
Concen: 93.459 ng
RT: 13.653 min Scan# 1722
Delta R.T. -0.009 min
Lab File: BG056964.D
Acq: 4 Apr 2023 13:48

Tgt Ion:172 Resp: 329056
Ion Ratio Lower Upper
172 100
171 38.2 30.6 46.0
170 24.8 20.6 30.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.765 min Scan# 24

Delta R.T. -0.009 min

Lab File: BG056964.D

Acq: 4 Apr 2023 13:48

Instrument :

BNA_G

ClientSampleId :

EB-2023-03-25

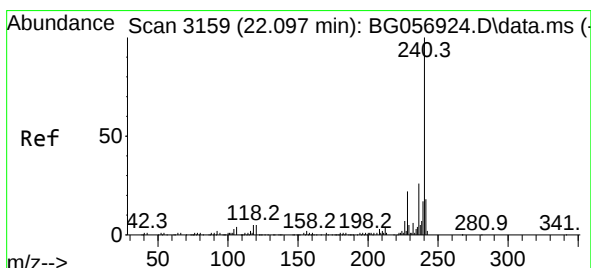
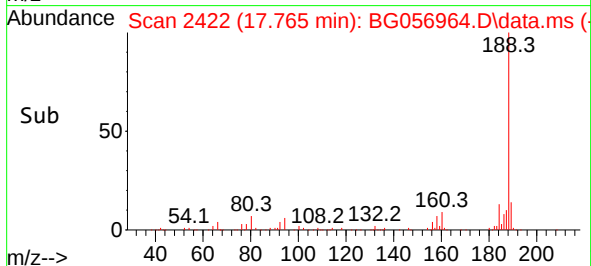
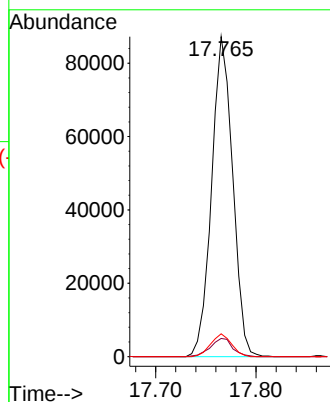
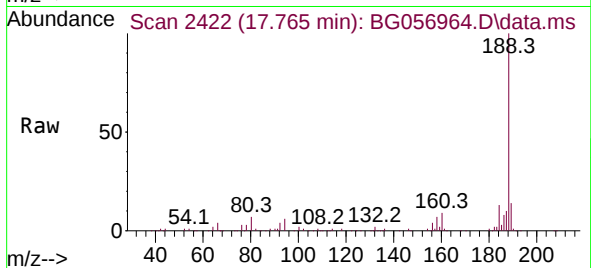
Tgt Ion:188 Resp: 127149

Ion Ratio Lower Upper

188 100

94 5.7 4.6 6.8

80 7.1 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: BG056964.D

Acq: 4 Apr 2023 13:48

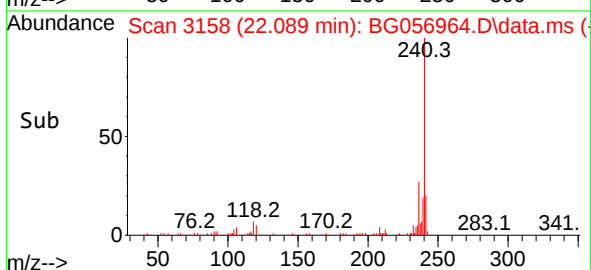
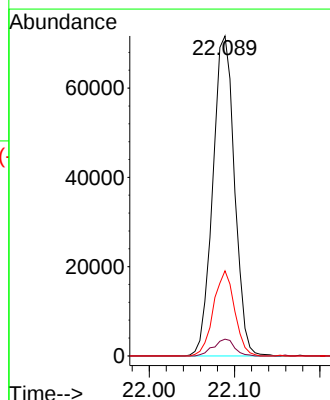
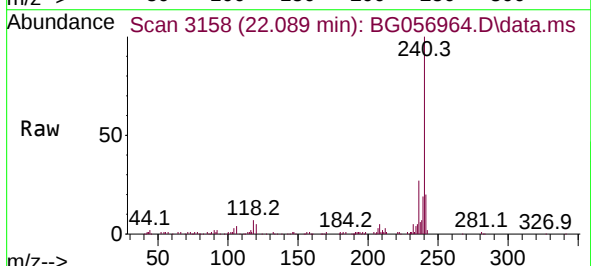
Tgt Ion:240 Resp: 126784

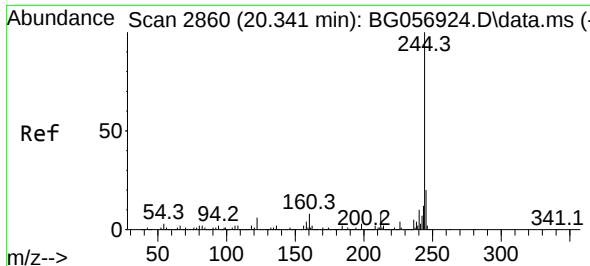
Ion Ratio Lower Upper

240 100

120 5.2 3.8 5.6

236 26.6 21.0 31.6

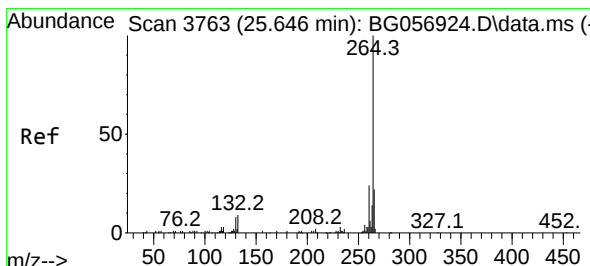
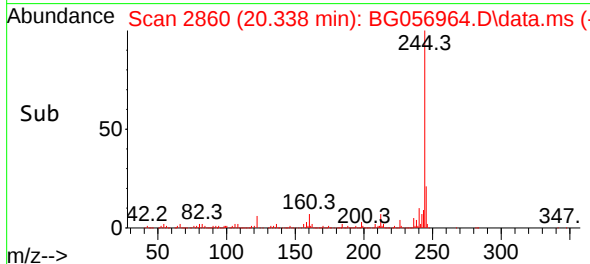
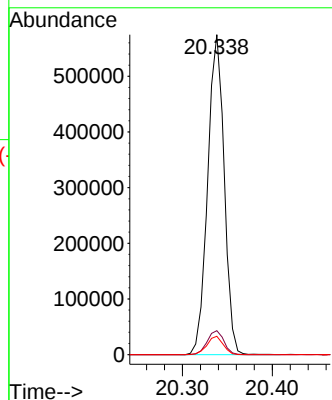
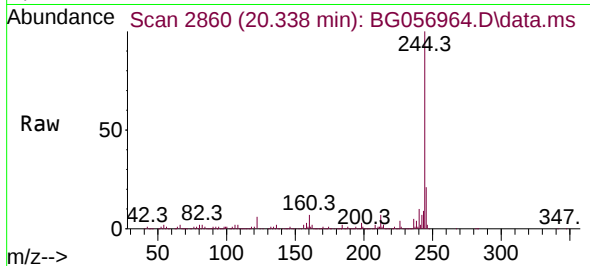




#79
 Terphenyl-d14
 Concen: 98.236 ng
 RT: 20.338 min Scan# 2860
 Delta R.T. -0.003 min
 Lab File: BG056964.D
 Acq: 4 Apr 2023 13:48

Instrument :
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 EB-2023-03-25

Tgt Ion:244 Resp: 736025
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.1 9.1
 122 5.7 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.631 min Scan# 3761
 Delta R.T. -0.015 min
 Lab File: BG056964.D
 Acq: 4 Apr 2023 13:48

Tgt Ion:264 Resp: 130654
 Ion Ratio Lower Upper
 264 100
 260 21.1 19.0 28.4
 265 19.2 17.8 26.6

