

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021323\
 Data File : BG056624.D
 Acq On : 13 Feb 2023 18:05
 Operator : CG/JU
 Sample : 01529-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-01-0-2.0

Quant Time: Feb 14 02:08:07 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 10 22:46:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.211	152	42153	20.000	ng	0.00
21) Naphthalene-d8	11.043	136	154214	20.000	ng	0.00
39) Acenaphthene-d10	14.838	164	108670	20.000	ng	0.00
64) Phenanthrene-d10	17.576	188	243424	20.000	ng	0.00
76) Chrysene-d12	21.853	240	222888	20.000	ng	0.00
86) Perylene-d12	25.232	264	246672	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.737	112	198154	86.475	ng	0.00
7) Phenol-d6	7.370	99	273172	80.459	ng	0.00
23) Nitrobenzene-d5	9.386	82	148210	54.574	ng	0.00
42) 2,4,6-Tribromophenol	16.325	330	100534	69.588	ng	0.00
45) 2-Fluorobiphenyl	13.457	172	427666	54.562	ng	0.00
79) Terphenyl-d14	20.155	244	651065	51.304	ng	0.00

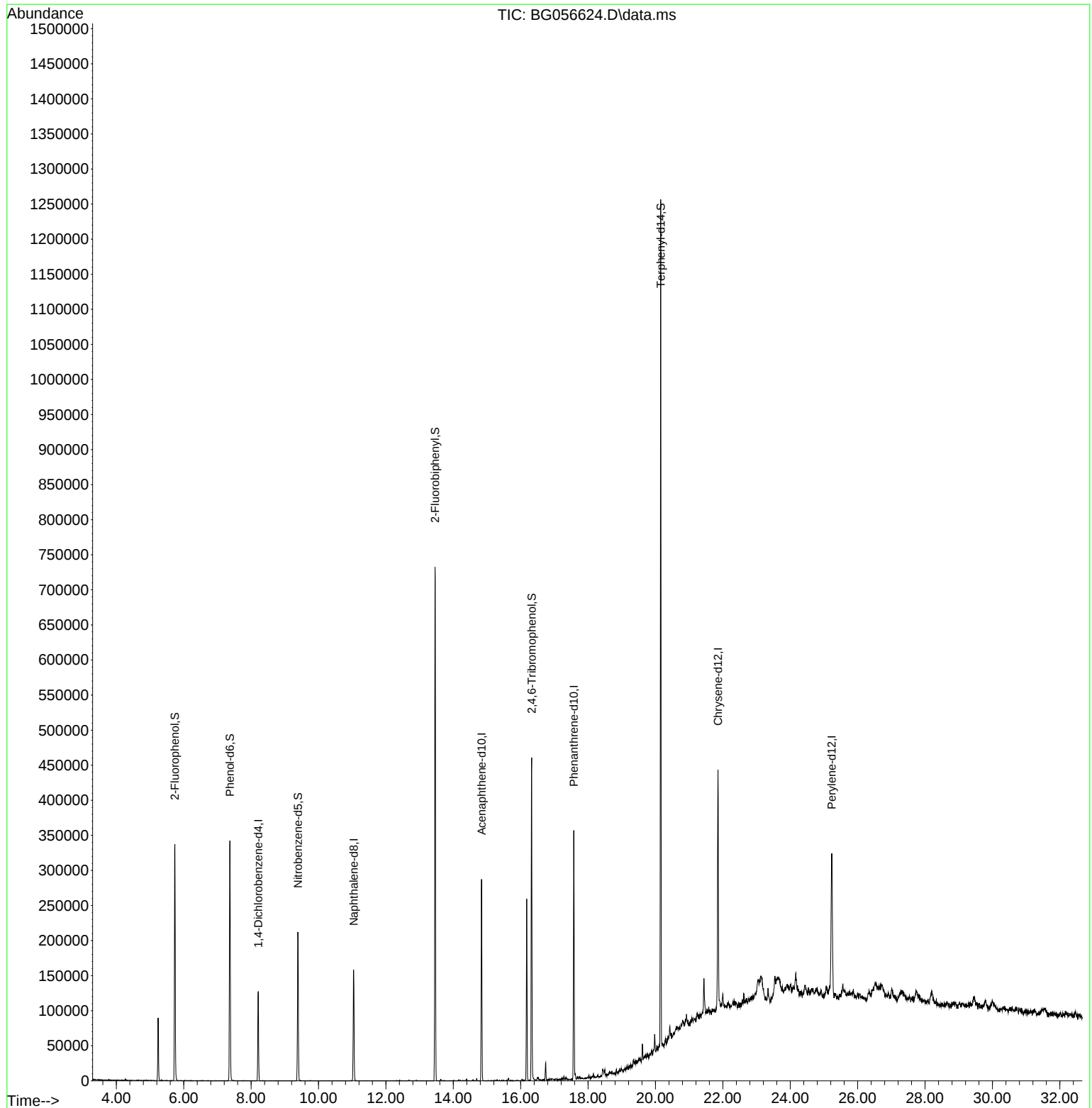
Target Compounds	Qvalue

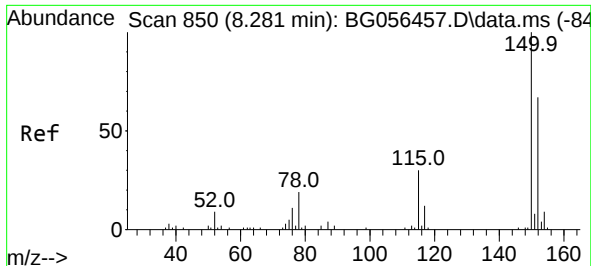
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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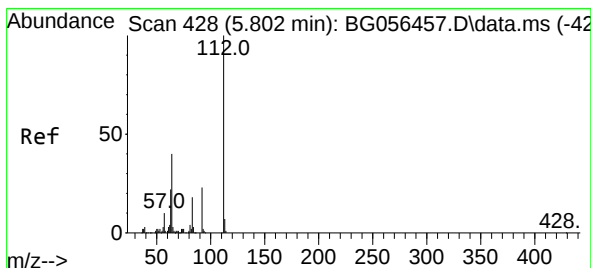
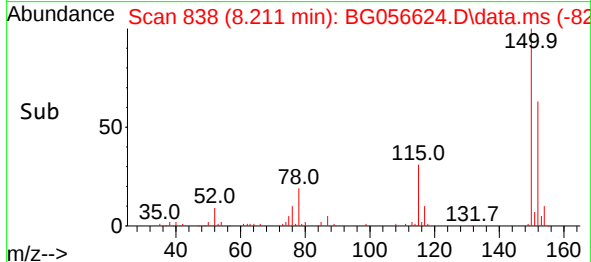
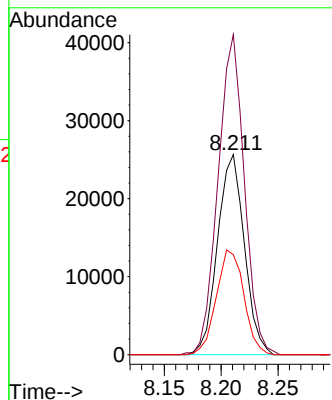
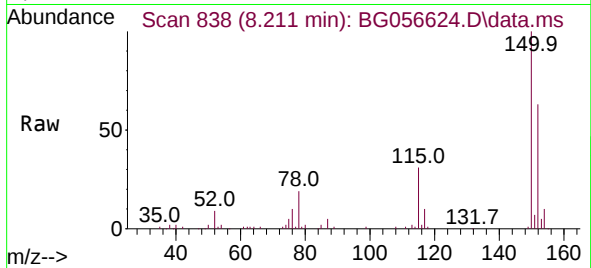




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.211 min Scan# 84
Delta R.T. 0.004 min
Lab File: BG056624.D
Acq: 13 Feb 2023 18:05

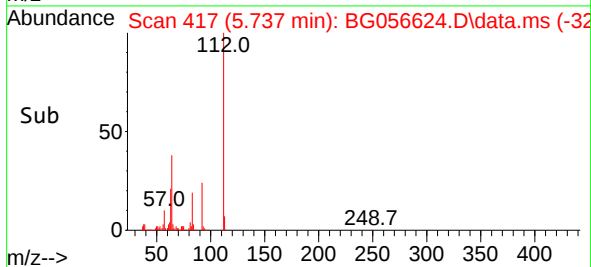
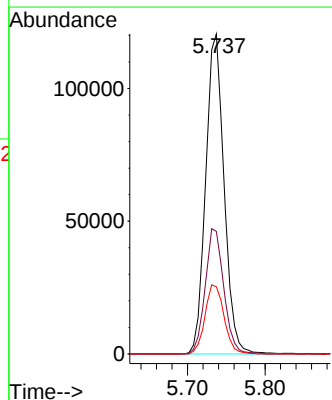
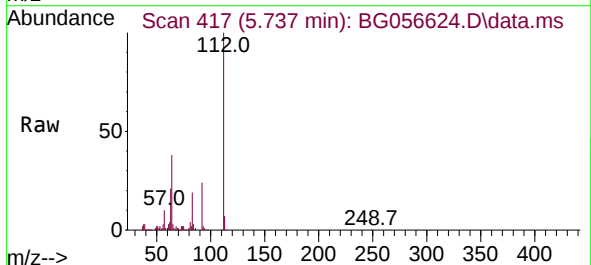
Instrument :
BNA_G
ClientSampleId :
SB-01-0-2.0

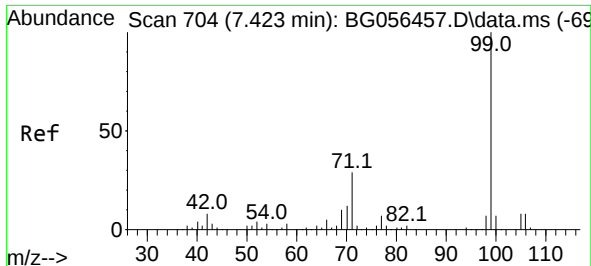
Tgt Ion:152 Resp: 42153
Ion Ratio Lower Upper
152 100
150 159.9 120.2 180.4
115 49.9 36.3 54.5



#5
2-Fluorophenol
Concen: 86.475 ng
RT: 5.737 min Scan# 417
Delta R.T. 0.009 min
Lab File: BG056624.D
Acq: 13 Feb 2023 18:05

Tgt Ion:112 Resp: 198154
Ion Ratio Lower Upper
112 100
64 38.3 31.9 47.9
63 21.0 17.4 26.0

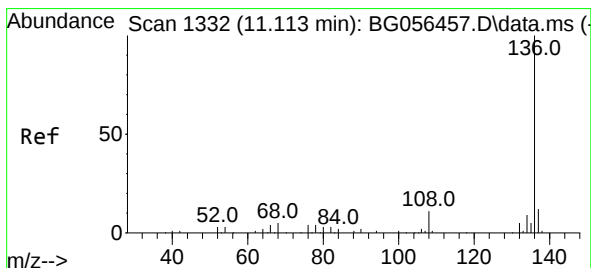
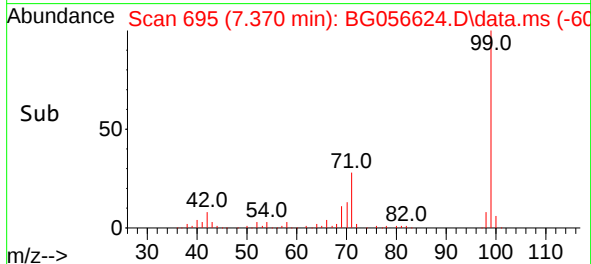
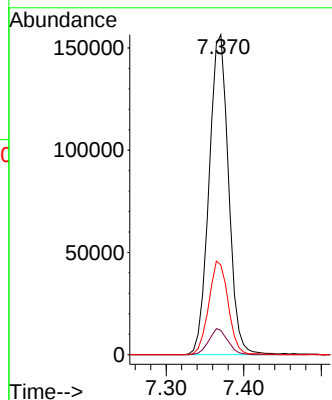
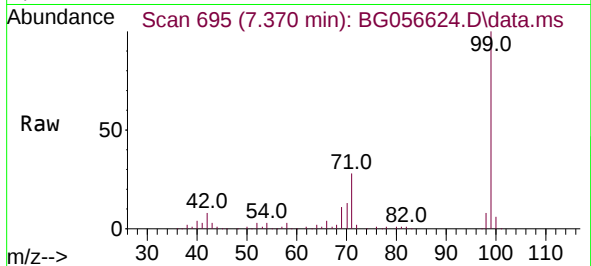




#7
Phenol-d6
Concen: 80.459 ng
RT: 7.370 min Scan# 69
Delta R.T. 0.003 min
Lab File: BG056624.D
Acq: 13 Feb 2023 18:05

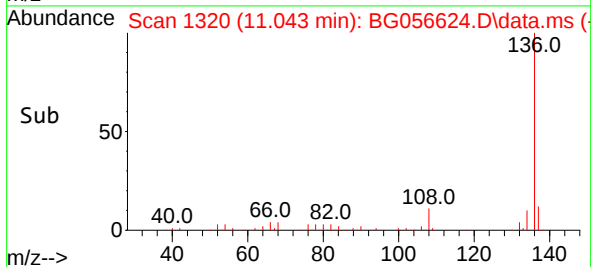
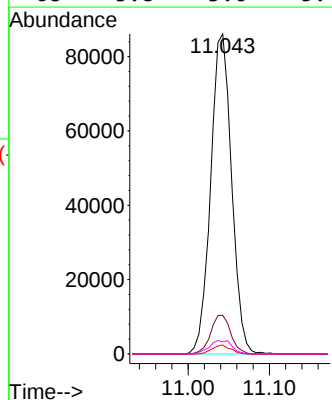
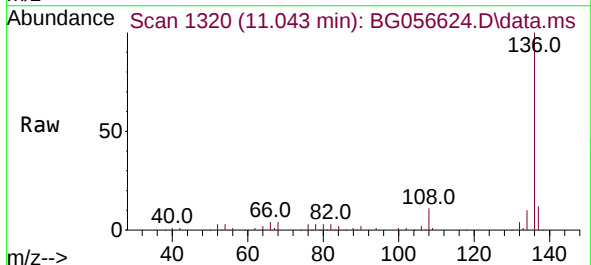
Instrument :
BNA_G
ClientSampleId :
SB-01-0-2.0

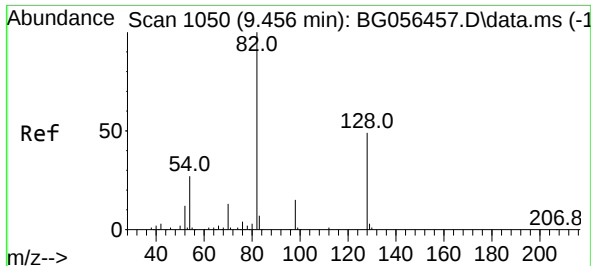
Tgt Ion: 99 Resp: 273172
Ion Ratio Lower Upper
99 100
42 7.6 6.6 10.0
71 28.0 23.4 35.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.043 min Scan# 1320
Delta R.T. -0.002 min
Lab File: BG056624.D
Acq: 13 Feb 2023 18:05

Tgt Ion: 136 Resp: 154214
Ion Ratio Lower Upper
136 100
137 12.0 9.4 14.0
54 2.8 2.2 3.4
68 3.8 3.6 5.4





#23

Nitrobenzene-d5

Concen: 54.574 ng

RT: 9.386 min Scan# 10

Delta R.T. -0.002 min

Lab File: BG056624.D

Acq: 13 Feb 2023 18:05

Instrument :

BNA_G

ClientSampleId :

SB-01-0-2.0

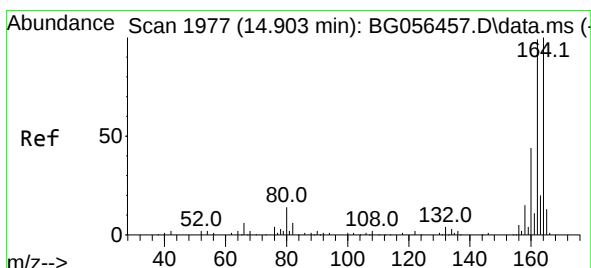
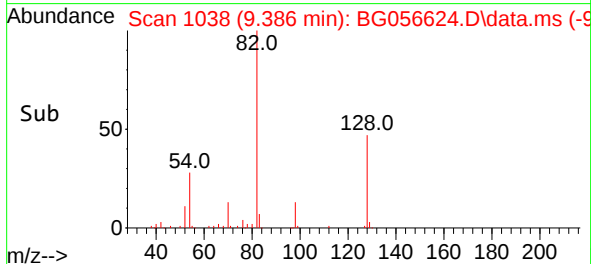
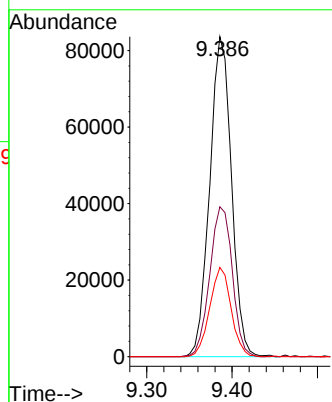
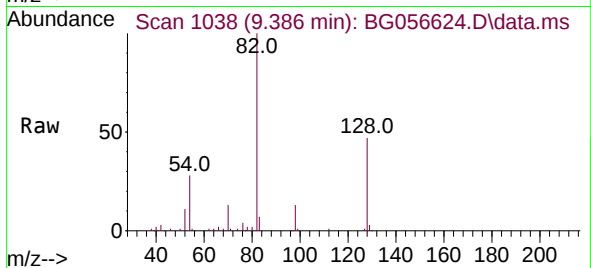
Tgt Ion: 82 Resp: 148210

Ion Ratio Lower Upper

82 100

128 46.8 39.4 59.2

54 27.9 21.4 32.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.838 min Scan# 1966

Delta R.T. -0.002 min

Lab File: BG056624.D

Acq: 13 Feb 2023 18:05

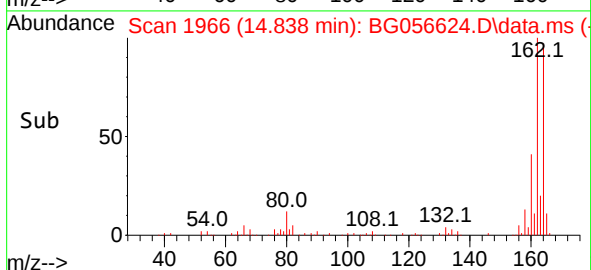
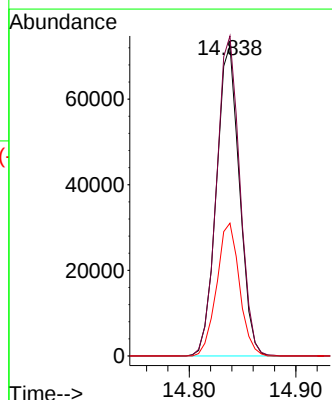
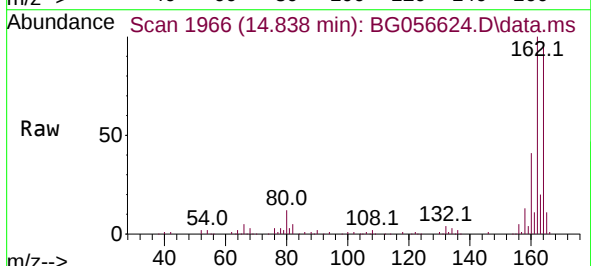
Tgt Ion:164 Resp: 108670

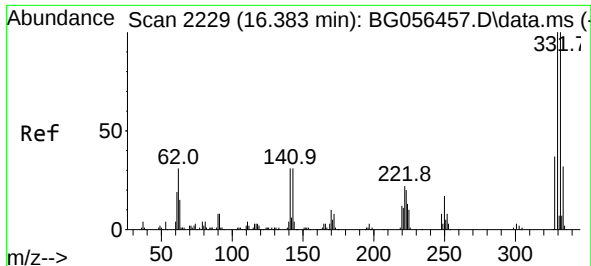
Ion Ratio Lower Upper

164 100

162 103.1 79.6 119.4

160 42.7 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 69.588 ng

RT: 16.325 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG056624.D

Acq: 13 Feb 2023 18:05

Instrument :

BNA_G

ClientSampleId :

SB-01-0-2.0

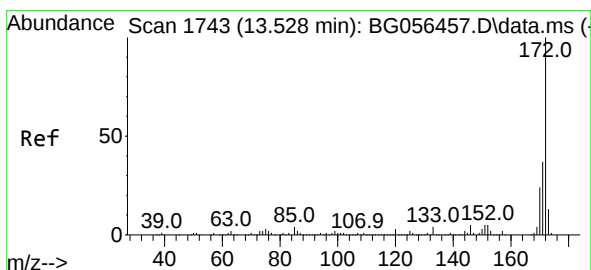
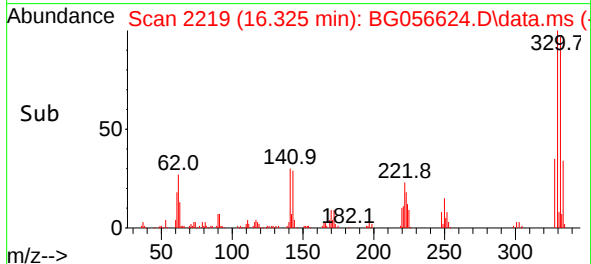
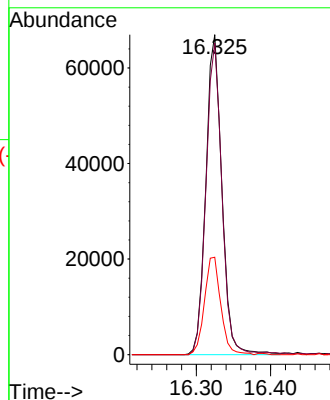
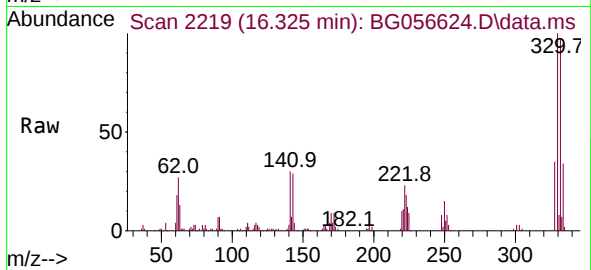
Tgt Ion:330 Resp: 100534

Ion Ratio Lower Upper

330 100

332 97.2 79.0 118.6

141 30.9 24.2 36.4



#45

2-Fluorobiphenyl

Concen: 54.562 ng

RT: 13.457 min Scan# 1731

Delta R.T. -0.008 min

Lab File: BG056624.D

Acq: 13 Feb 2023 18:05

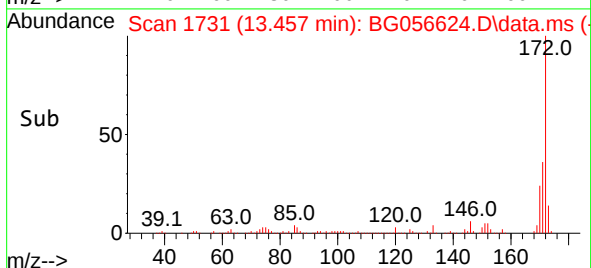
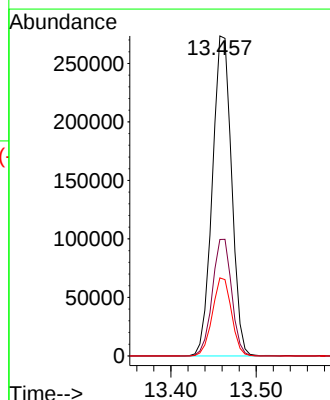
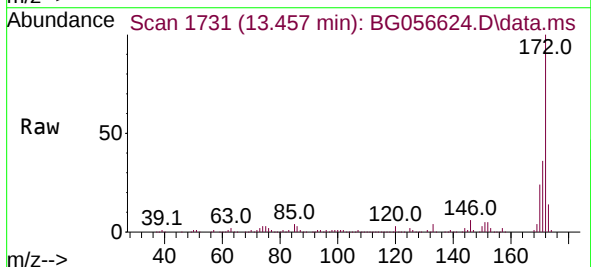
Tgt Ion:172 Resp: 427666

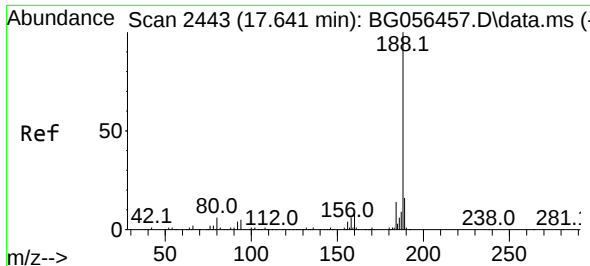
Ion Ratio Lower Upper

172 100

171 36.4 29.5 44.3

170 24.4 19.2 28.8

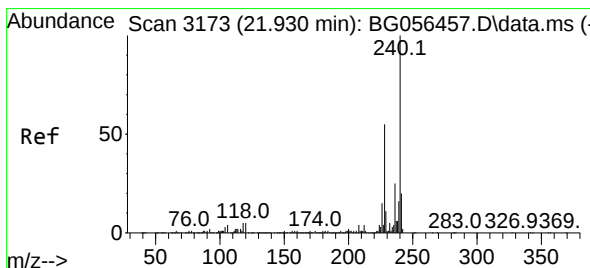
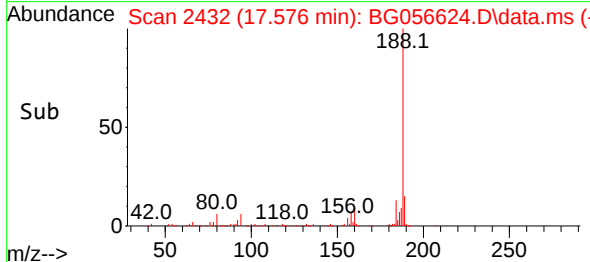
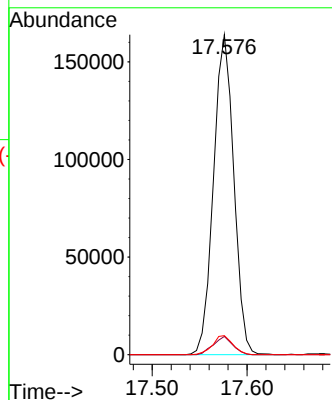
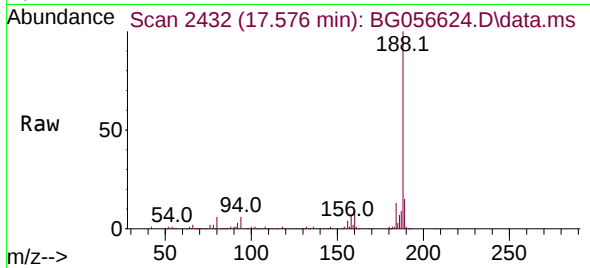




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.576 min Scan# 2443
Delta R.T. -0.008 min
Lab File: BG056624.D
Acq: 13 Feb 2023 18:05

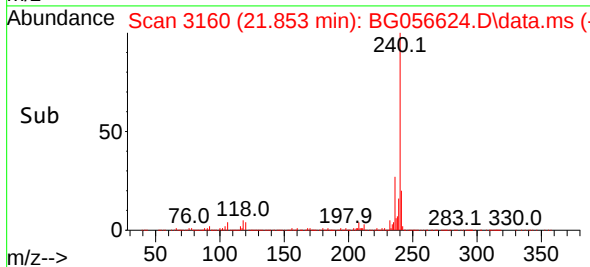
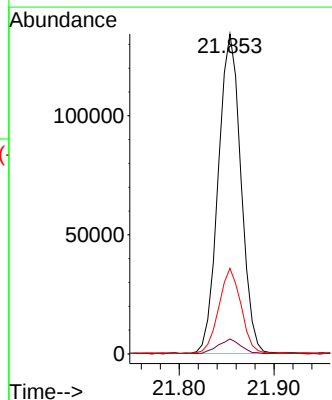
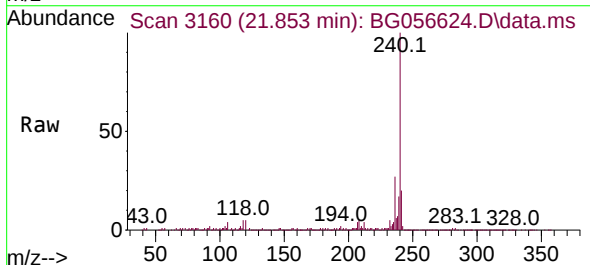
Instrument :
BNA_G
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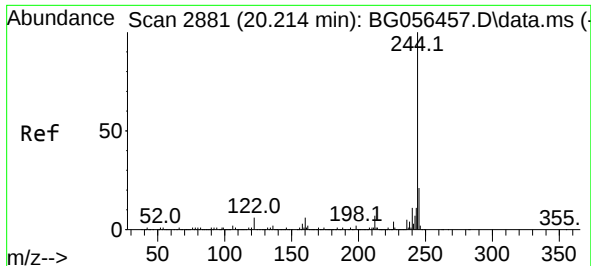
Tgt Ion:188 Resp: 243424
Ion Ratio Lower Upper
188 100
94 5.7 4.1 6.1
80 5.9 5.0 7.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.853 min Scan# 3160
Delta R.T. -0.008 min
Lab File: BG056624.D
Acq: 13 Feb 2023 18:05

Tgt Ion:240 Resp: 222888
Ion Ratio Lower Upper
240 100
120 4.7 3.8 5.8
236 26.7 20.2 30.2

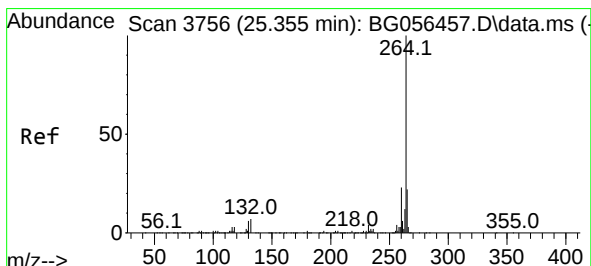
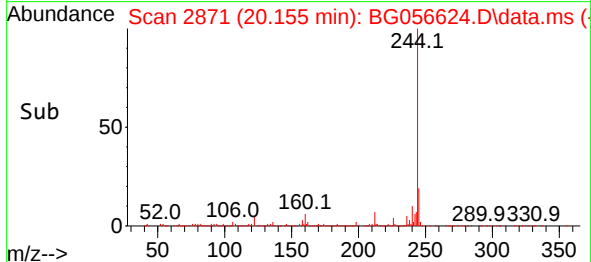
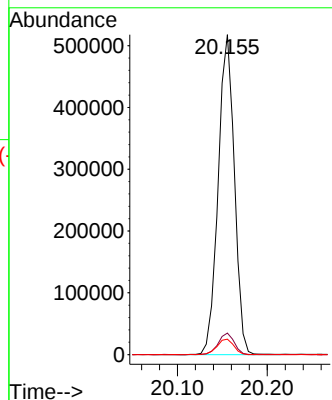
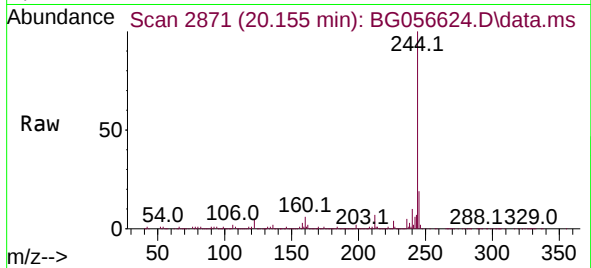




#79
 Terphenyl-d14
 Concen: 51.304 ng
 RT: 20.155 min Scan# 2881
 Delta R.T. -0.002 min
 Lab File: BG056624.D
 Acq: 13 Feb 2023 18:05

Instrument :
 BNA_G
 ClientSampleId :
 SB-01-0-2.0

Tgt Ion:244 Resp: 651065
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.5 8.3
 122 4.8 4.4 6.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.232 min Scan# 3735
 Delta R.T. -0.002 min
 Lab File: BG056624.D
 Acq: 13 Feb 2023 18:05

Tgt Ion:264 Resp: 246672
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.2 27.4
 265 22.4 18.1 27.1

