

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG013123\
 Data File : BG056485.D
 Acq On : 31 Jan 2023 14:46
 Operator : CG/JU
 Sample : 01329-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMP-7-BORING-2-14-21

Quant Time: Jan 31 15:57:19 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 28 00:39:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.276	152	40245	20.000	ng	0.00
21) Naphthalene-d8	11.108	136	140534	20.000	ng	0.00
39) Acenaphthene-d10	14.892	164	107132	20.000	ng	-0.01
64) Phenanthrene-d10	17.630	188	258689	20.000	ng	-0.01
76) Chrysene-d12	21.925	240	261722	20.000	ng	0.00
86) Perylene-d12	25.344	264	284919	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.802	112	350074	160.017	ng	0.00
7) Phenol-d6	7.424	99	461726	142.442	ng	0.00
23) Nitrobenzene-d5	9.451	82	244123	98.642	ng	0.00
42) 2,4,6-Tribromophenol	16.378	330	220246	154.639	ng	0.00
45) 2-Fluorobiphenyl	13.523	172	757077	97.975	ng	0.00
79) Terphenyl-d14	20.209	244	1348034	90.464	ng	0.00

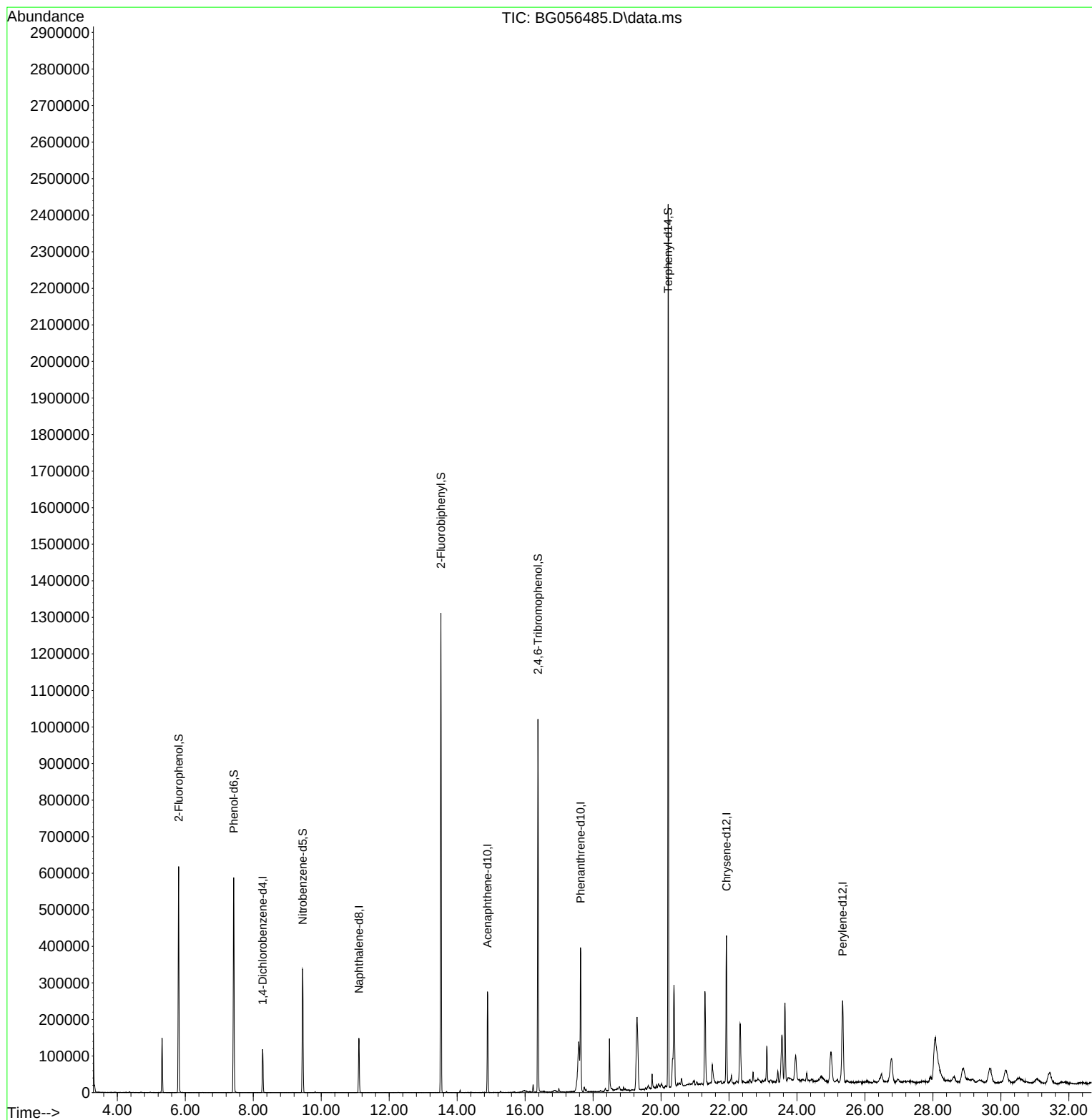
Target Compounds Qvalue

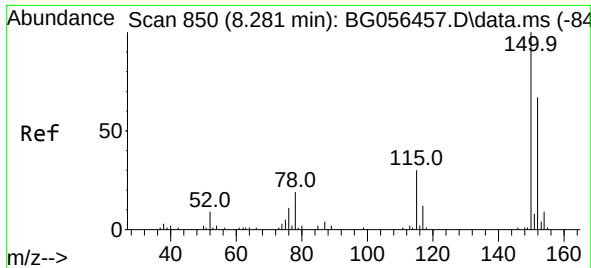
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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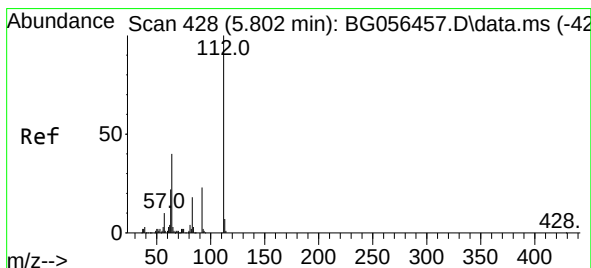
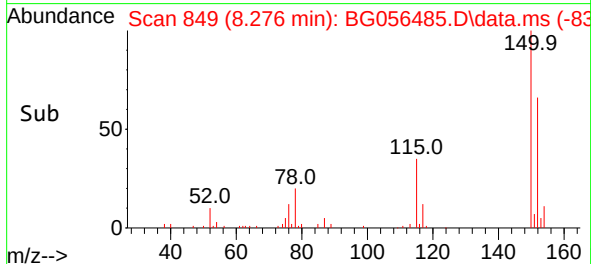
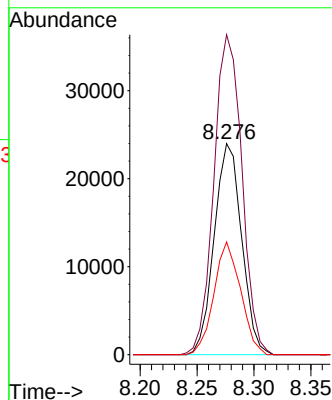
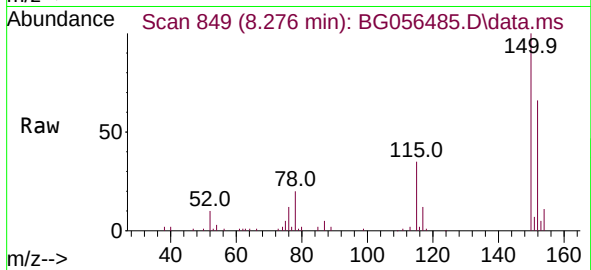




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.276 min Scan# 84
Delta R.T. -0.005 min
Lab File: BG056485.D
Acq: 31 Jan 2023 14:46

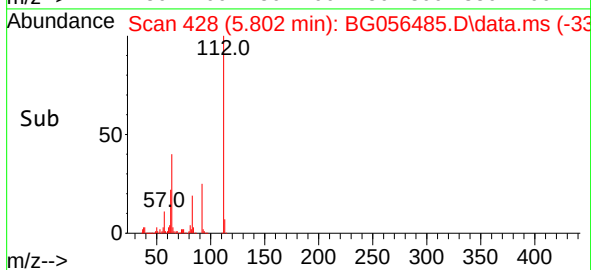
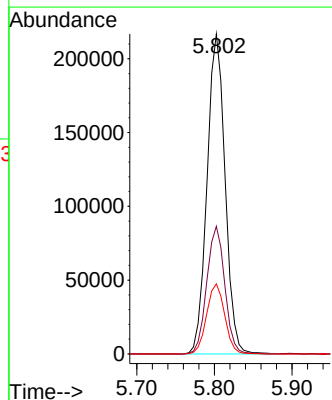
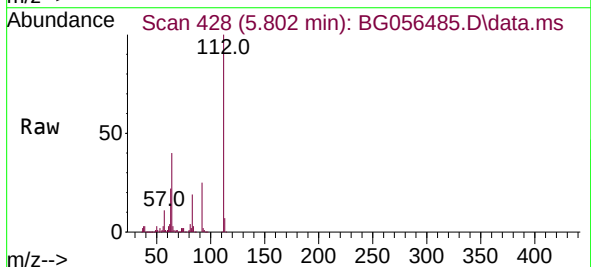
Instrument :
BNA_G
ClientSampleId :
COMP-7-BORING-2-14-21

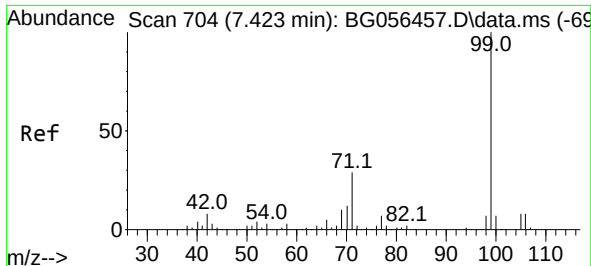
Tgt Ion:152 Resp: 40245
Ion Ratio Lower Upper
152 100
150 151.7 120.2 180.4
115 53.4 36.3 54.5



#5
2-Fluorophenol
Concen: 160.017 ng
RT: 5.802 min Scan# 428
Delta R.T. 0.001 min
Lab File: BG056485.D
Acq: 31 Jan 2023 14:46

Tgt Ion:112 Resp: 350074
Ion Ratio Lower Upper
112 100
64 39.9 31.9 47.9
63 21.9 17.4 26.0

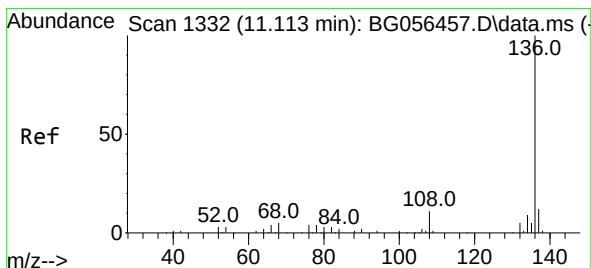
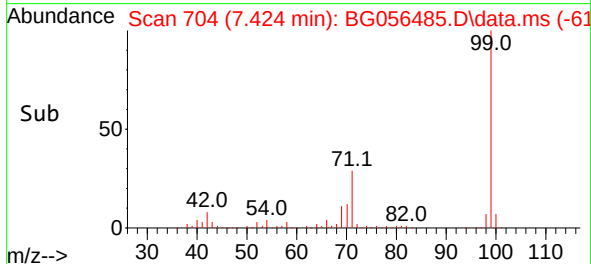
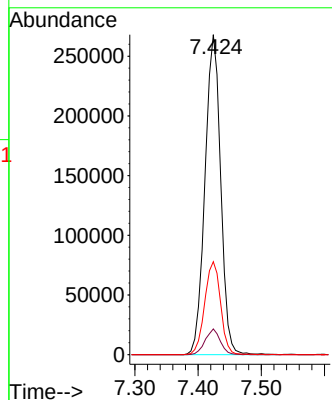
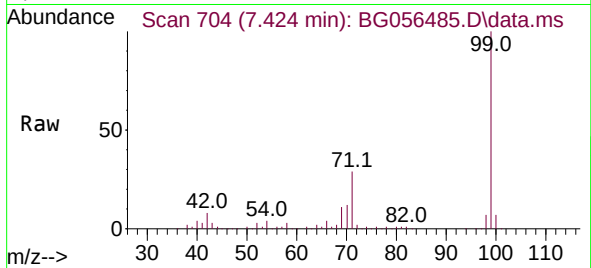




#7
Phenol-d6
Concen: 142.442 ng
RT: 7.424 min Scan# 704
Delta R.T. 0.001 min
Lab File: BG056485.D
Acq: 31 Jan 2023 14:46

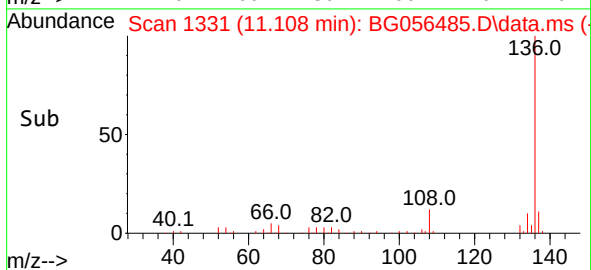
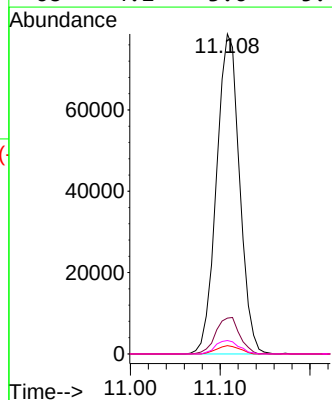
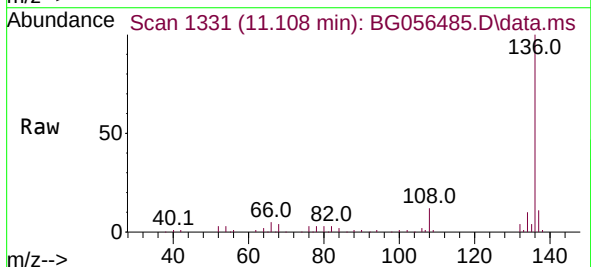
Instrument :
BNA_G
ClientSampleId :
COMP-7-BORING-2-14-21

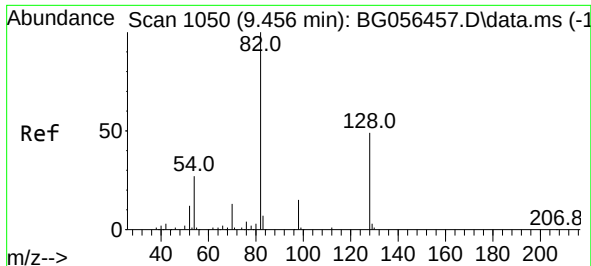
Tgt Ion: 99 Resp: 461726
Ion Ratio Lower Upper
99 100
42 8.1 6.6 10.0
71 29.0 23.4 35.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.108 min Scan# 1331
Delta R.T. -0.005 min
Lab File: BG056485.D
Acq: 31 Jan 2023 14:46

Tgt Ion:136 Resp: 140534
Ion Ratio Lower Upper
136 100
137 11.2 9.4 14.0
54 2.6 2.2 3.4
68 4.2 3.6 5.4





#23

Nitrobenzene-d5

Concen: 98.642 ng

RT: 9.451 min Scan# 1049

Delta R.T. -0.005 min

Lab File: BG056485.D

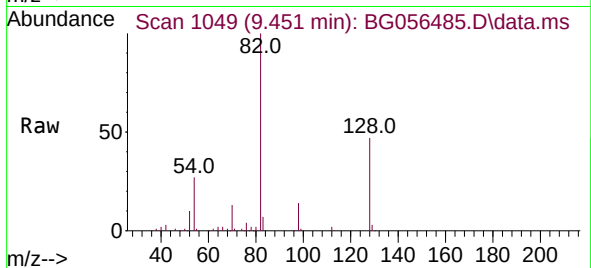
Acq: 31 Jan 2023 14:46

Instrument :

BNA_G

ClientSampleId :

COMP-7-BORING-2-14-21



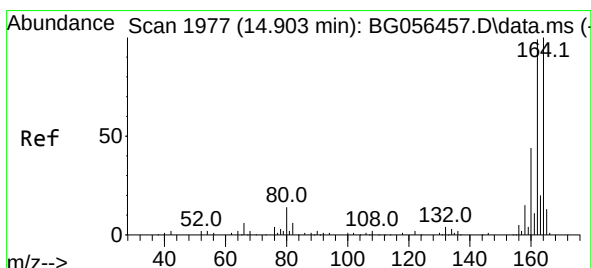
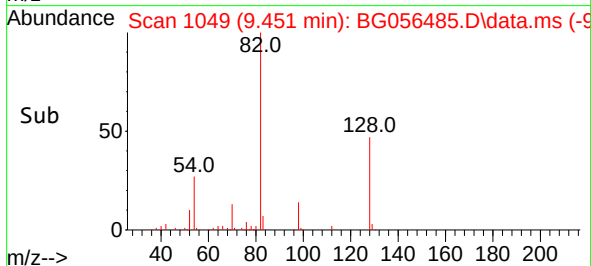
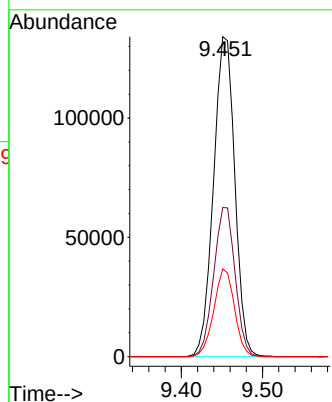
Tgt Ion: 82 Resp: 244123

Ion Ratio Lower Upper

82 100

128 46.6 39.4 59.2

54 27.4 21.4 32.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.892 min Scan# 1975

Delta R.T. -0.011 min

Lab File: BG056485.D

Acq: 31 Jan 2023 14:46

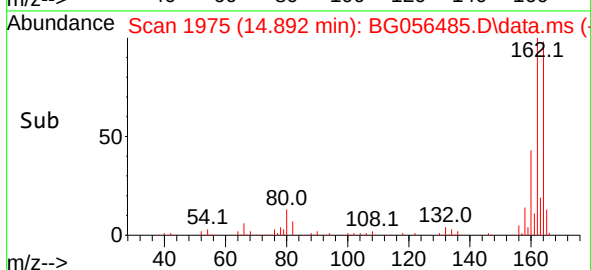
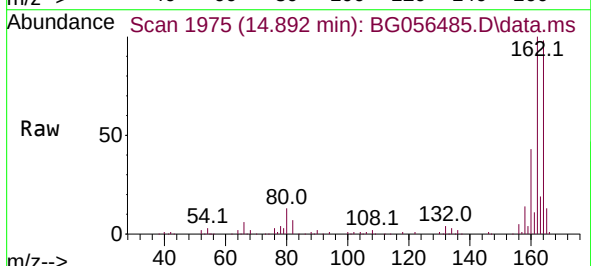
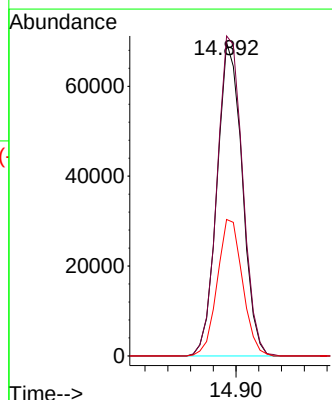
Tgt Ion: 164 Resp: 107132

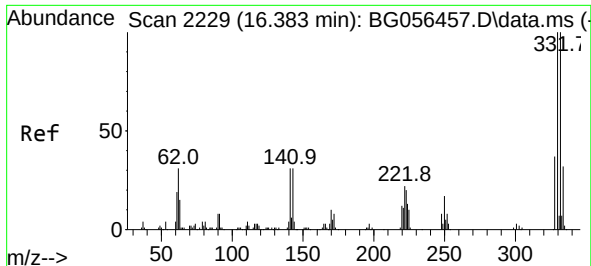
Ion Ratio Lower Upper

164 100

162 102.1 79.6 119.4

160 43.5 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 154.639 ng

RT: 16.378 min Scan# 21

Delta R.T. -0.005 min

Lab File: BG056485.D

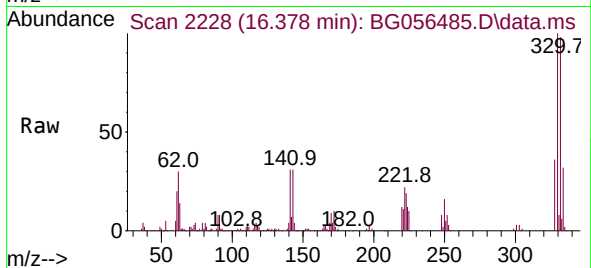
Acq: 31 Jan 2023 14:46

Instrument :

BNA_G

ClientSampleId :

COMP-7-BORING-2-14-21



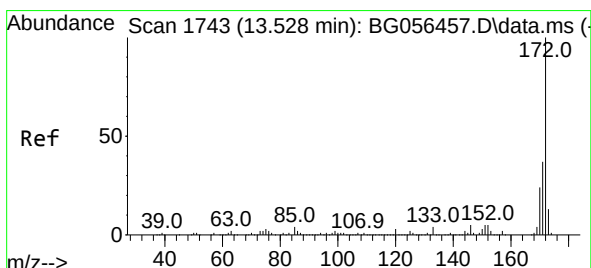
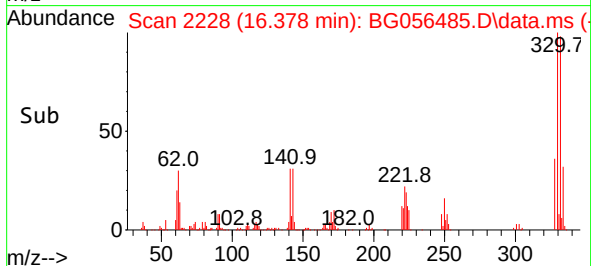
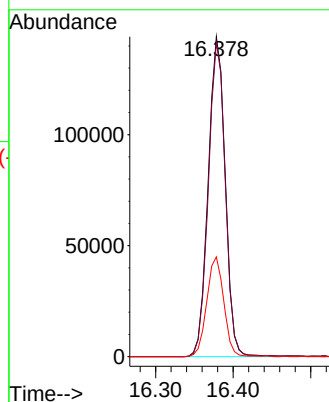
Tgt Ion:330 Resp: 220246

Ion Ratio Lower Upper

330 100

332 97.3 79.0 118.6

141 31.1 24.2 36.4



#45

2-Fluorobiphenyl

Concen: 97.975 ng

RT: 13.523 min Scan# 1742

Delta R.T. -0.005 min

Lab File: BG056485.D

Acq: 31 Jan 2023 14:46

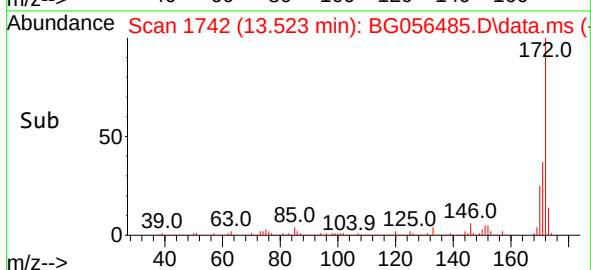
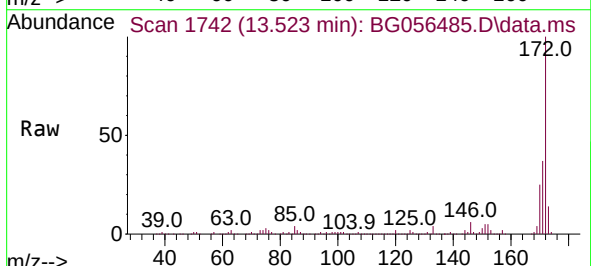
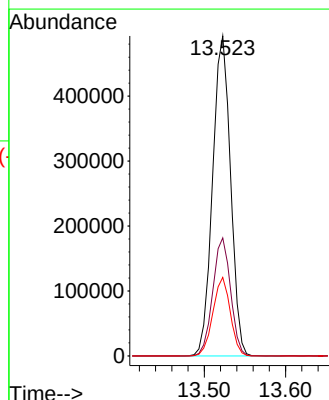
Tgt Ion:172 Resp: 757077

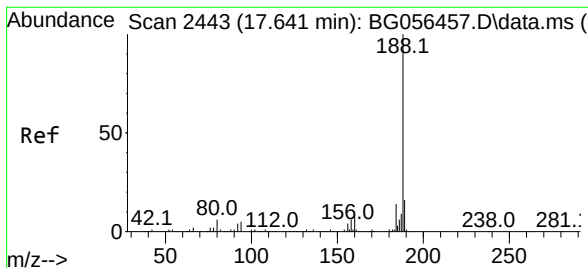
Ion Ratio Lower Upper

172 100

171 36.9 29.5 44.3

170 24.5 19.2 28.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.630 min Scan# 2441

Delta R.T. -0.011 min

Lab File: BG056485.D

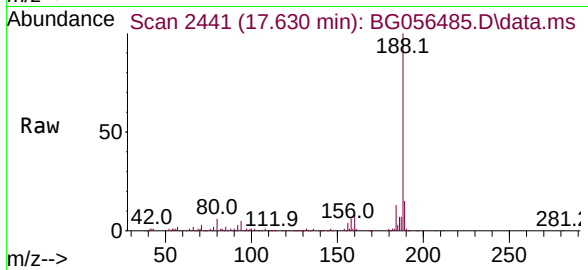
Acq: 31 Jan 2023 14:46

Instrument :

BNA_G

ClientSampleId :

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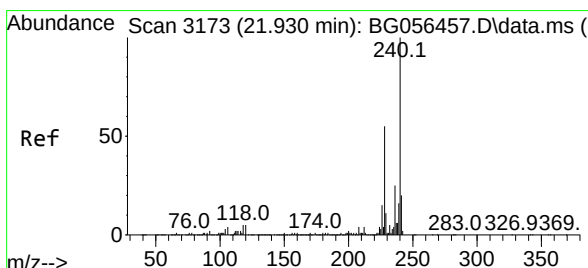
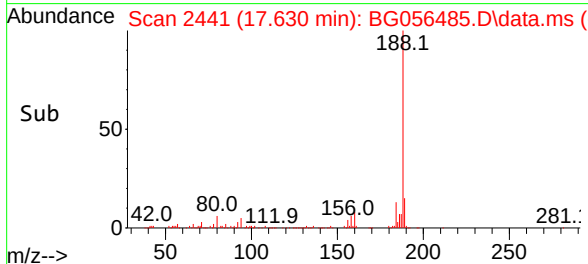
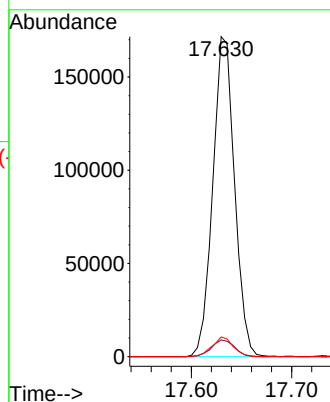
Tgt Ion:188 Resp: 258689

Ion Ratio Lower Upper

188 100

94 5.2 4.1 6.1

80 6.1 5.0 7.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.925 min Scan# 3172

Delta R.T. -0.005 min

Lab File: BG056485.D

Acq: 31 Jan 2023 14:46

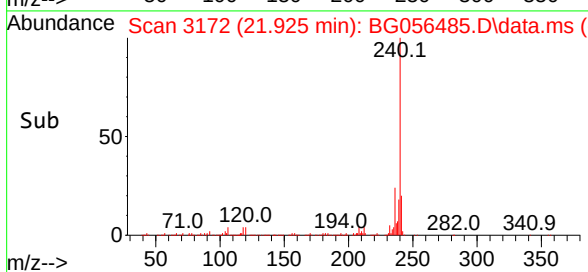
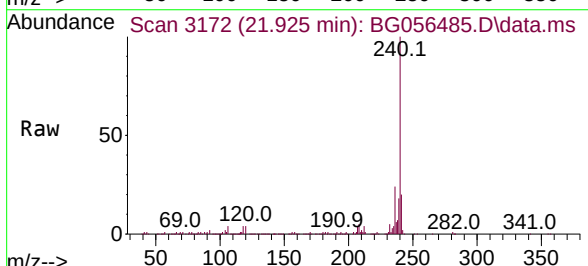
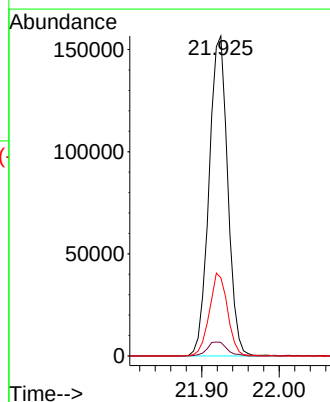
Tgt Ion:240 Resp: 261722

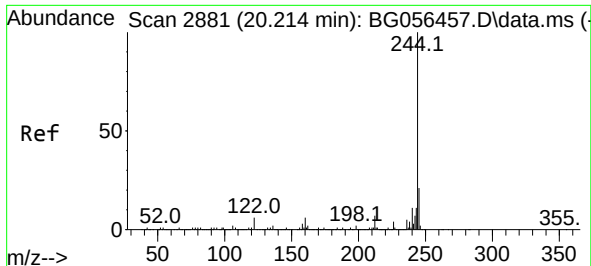
Ion Ratio Lower Upper

240 100

120 4.2 3.8 5.8

236 24.4 20.2 30.2

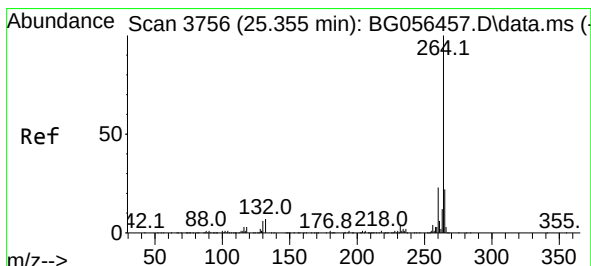
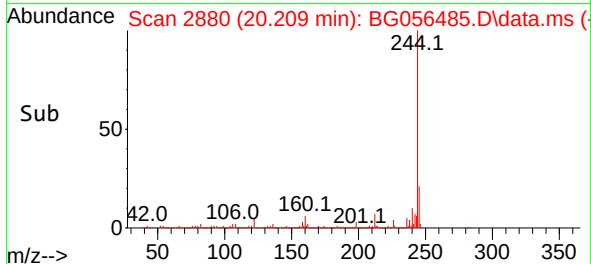
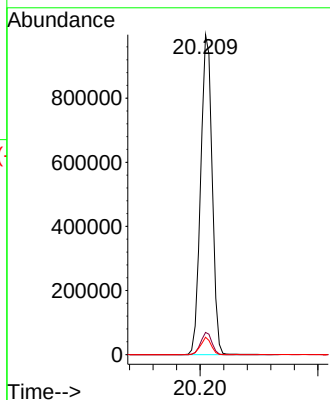
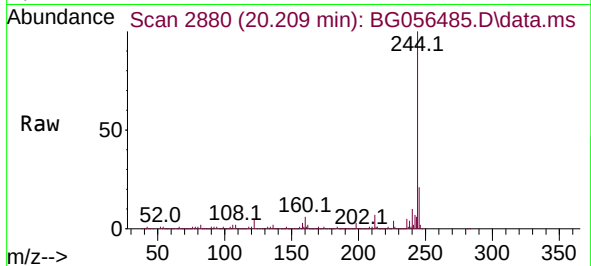




#79
 Terphenyl-d14
 Concen: 90.464 ng
 RT: 20.209 min Scan# 2881
 Delta R.T. -0.005 min
 Lab File: BG056485.D
 Acq: 31 Jan 2023 14:46

Instrument :
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Tgt Ion:244 Resp: 1348034
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.5 8.3
 122 5.4 4.4 6.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.344 min Scan# 3754
 Delta R.T. -0.011 min
 Lab File: BG056485.D
 Acq: 31 Jan 2023 14:46

Tgt Ion:264 Resp: 284919
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.2 27.4
 265 21.0 18.1 27.1

