

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020123\
 Data File : BG056505.D
 Acq On : 1 Feb 2023 18:24
 Operator : CG/JU
 Sample : PB150216BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB150216BL

Quant Time: Feb 02 05:04:47 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 01 01:15:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.276	152	33724	20.000	ng	0.00
21) Naphthalene-d8	11.108	136	130042	20.000	ng	0.00
39) Acenaphthene-d10	14.892	164	106440	20.000	ng	0.00
64) Phenanthrene-d10	17.630	188	293353	20.000	ng	0.00
76) Chrysene-d12	21.919	240	291478	20.000	ng	0.00
86) Perylene-d12	25.333	264	313759	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.797	112	275858	150.475	ng	0.00
7) Phenol-d6	7.418	99	379714	139.793	ng	0.00
23) Nitrobenzene-d5	9.451	82	203022	88.653	ng	0.00
42) 2,4,6-Tribromophenol	16.378	330	185508	131.096	ng	0.00
45) 2-Fluorobiphenyl	13.523	172	700998	91.308	ng	0.00
79) Terphenyl-d14	20.209	244	1512802	91.157	ng	0.00

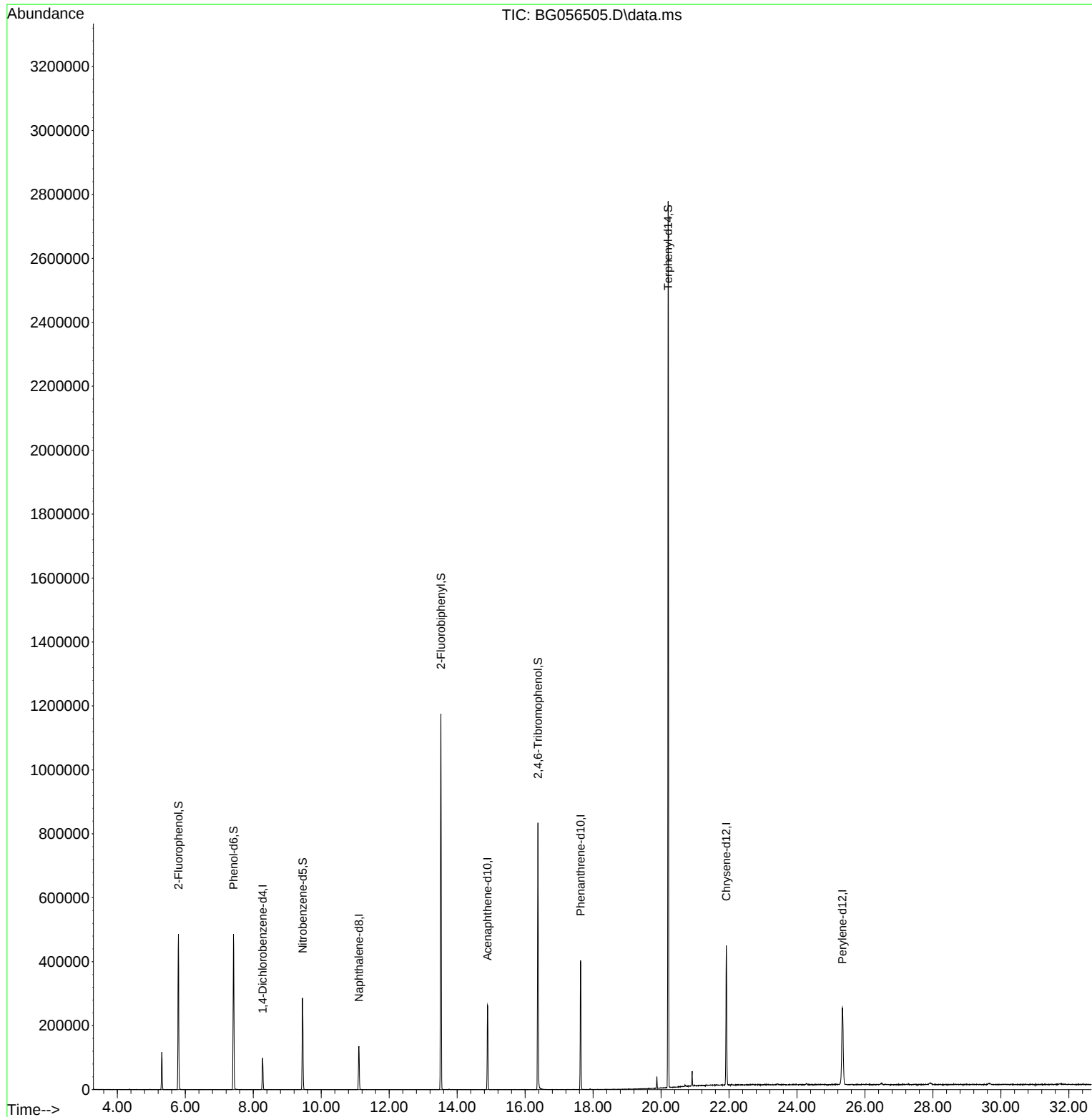
Target Compounds	Qvalue

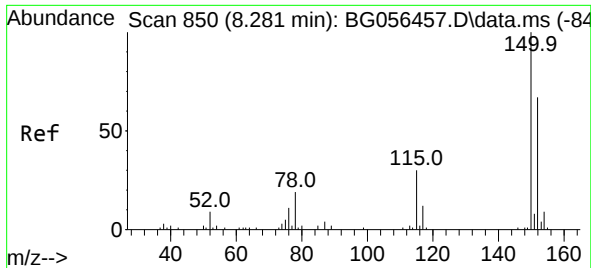
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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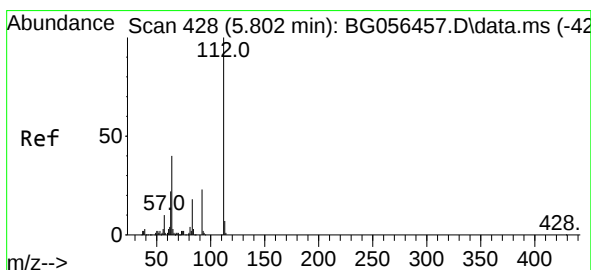
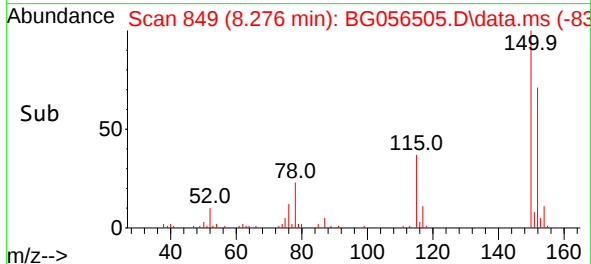
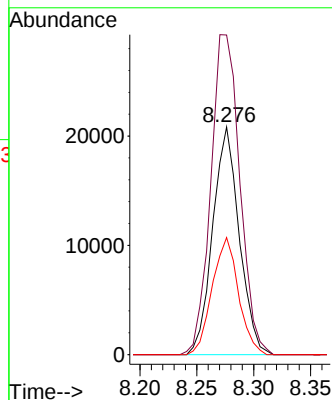
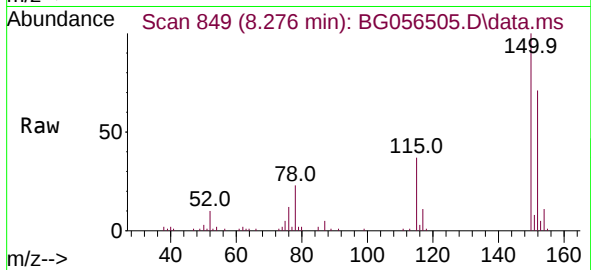




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.276 min Scan# 84
Delta R.T. 0.001 min
Lab File: BG056505.D
Acq: 1 Feb 2023 18:24

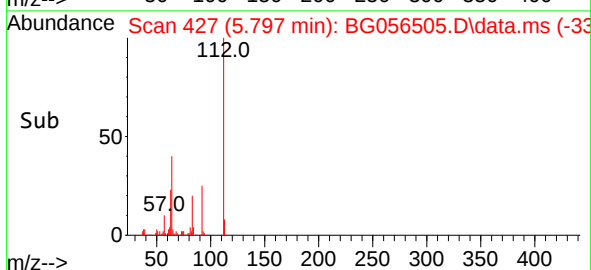
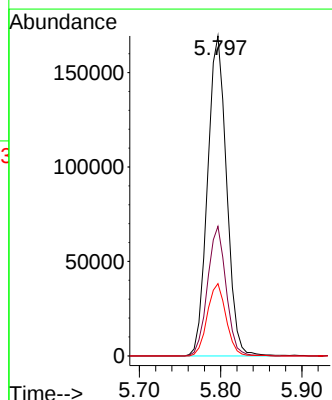
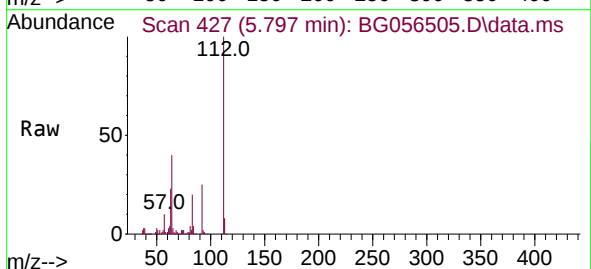
Instrument :
BNA_G
ClientSampleId :
PB150216BL

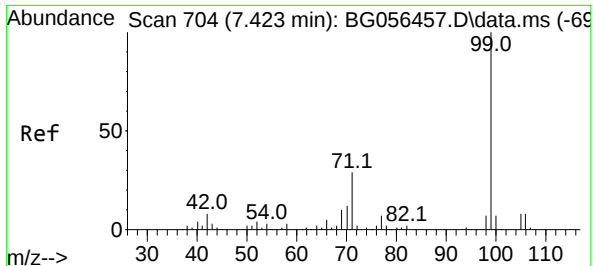
Tgt Ion:152 Resp: 33724
Ion Ratio Lower Upper
152 100
150 140.4 120.2 180.4
115 51.4 36.3 54.5



#5
2-Fluorophenol
Concen: 150.475 ng
RT: 5.797 min Scan# 427
Delta R.T. 0.001 min
Lab File: BG056505.D
Acq: 1 Feb 2023 18:24

Tgt Ion:112 Resp: 275858
Ion Ratio Lower Upper
112 100
64 40.5 31.9 47.9
63 22.6 17.4 26.0

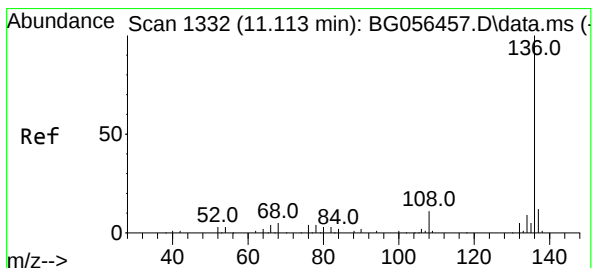
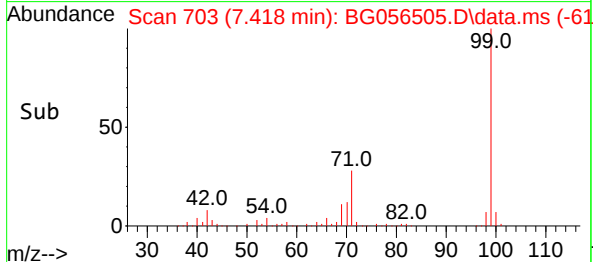
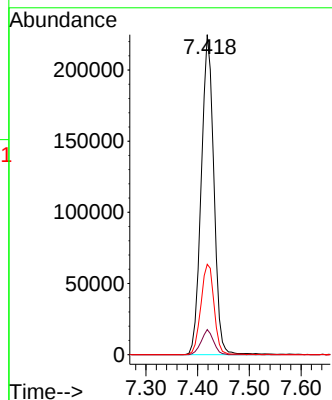
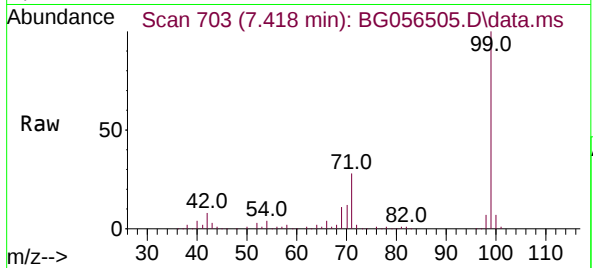




#7
Phenol-d6
Concen: 139.793 ng
RT: 7.418 min Scan# 704
Delta R.T. 0.001 min
Lab File: BG056505.D
Acq: 1 Feb 2023 18:24

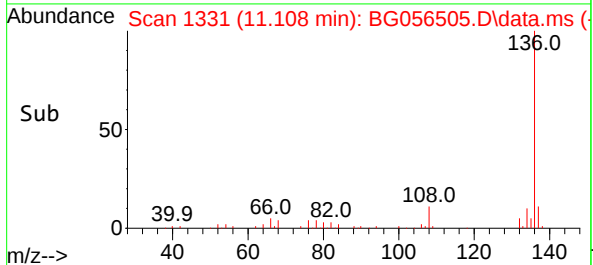
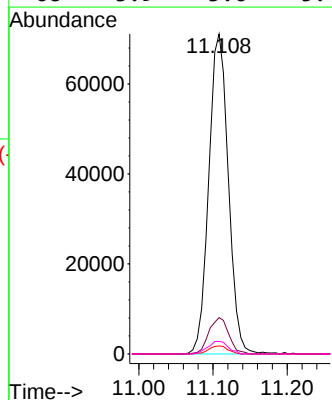
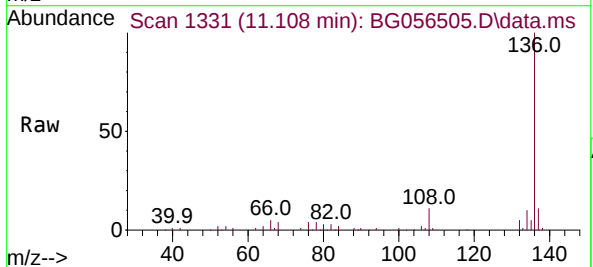
Instrument :
BNA_G
ClientSampleId :
PB150216BL

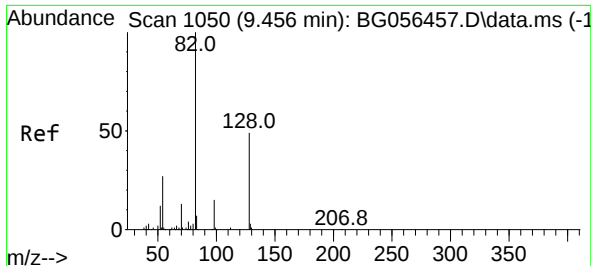
Tgt Ion: 99 Resp: 379714
Ion Ratio Lower Upper
99 100
42 7.8 6.6 10.0
71 28.2 23.4 35.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.108 min Scan# 1331
Delta R.T. 0.001 min
Lab File: BG056505.D
Acq: 1 Feb 2023 18:24

Tgt Ion: 136 Resp: 130042
Ion Ratio Lower Upper
136 100
137 11.3 9.4 14.0
54 2.5 2.2 3.4
68 3.9 3.6 5.4





#23

Nitrobenzene-d5

Concen: 88.653 ng

RT: 9.451 min Scan# 1049

Delta R.T. -0.005 min

Lab File: BG056505.D

Acq: 1 Feb 2023 18:24

Instrument :

BNA_G

ClientSampleId :

PB150216BL

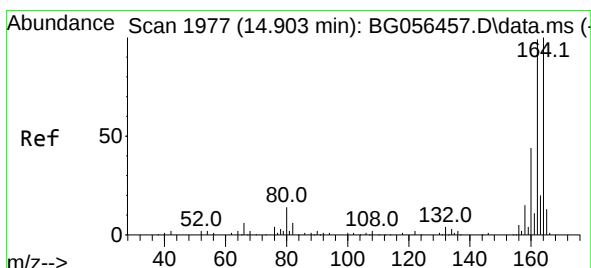
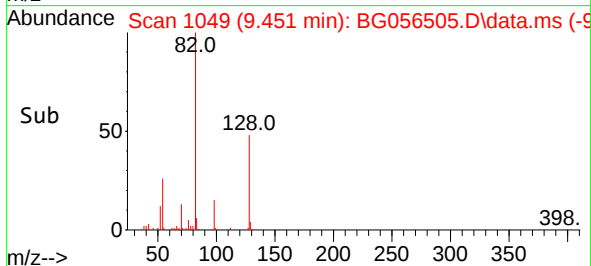
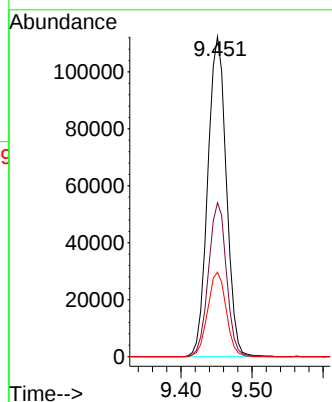
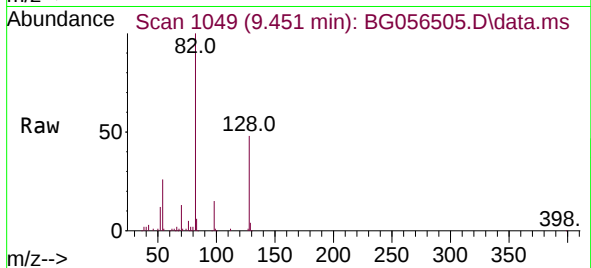
Tgt Ion: 82 Resp: 203022

Ion Ratio Lower Upper

82 100

128 48.1 39.4 59.2

54 26.4 21.4 32.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.892 min Scan# 1975

Delta R.T. -0.005 min

Lab File: BG056505.D

Acq: 1 Feb 2023 18:24

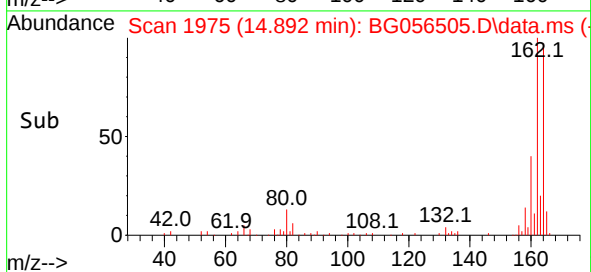
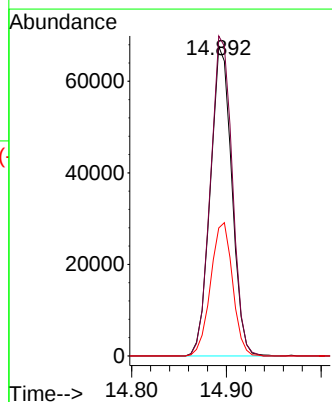
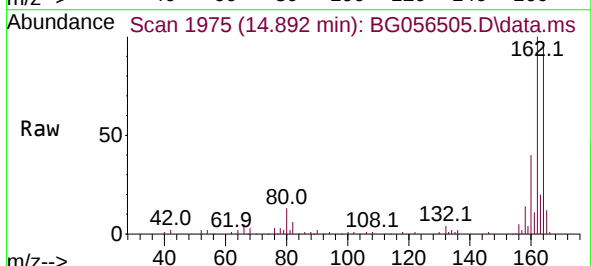
Tgt Ion:164 Resp: 106440

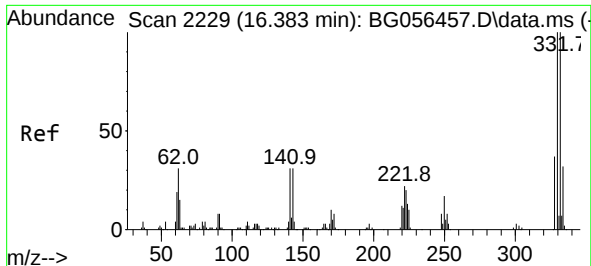
Ion Ratio Lower Upper

164 100

162 103.4 79.6 119.4

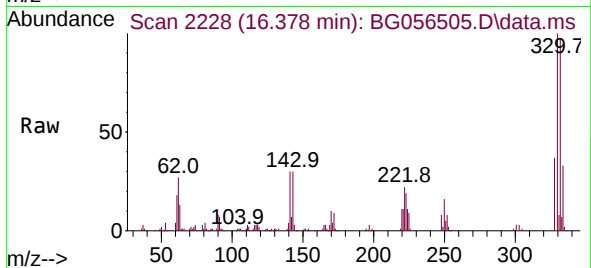
160 41.3 34.9 52.3



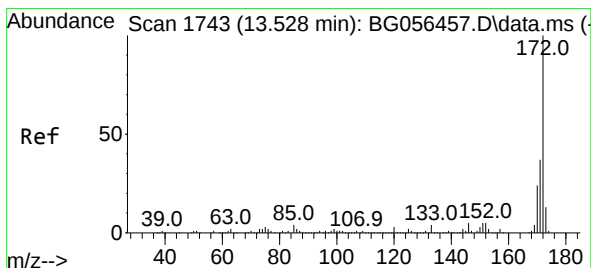
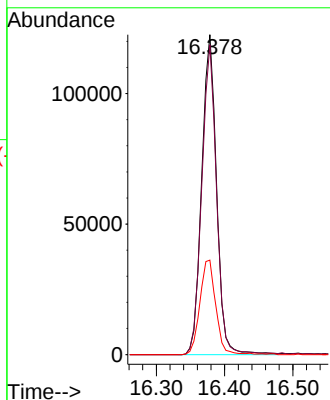
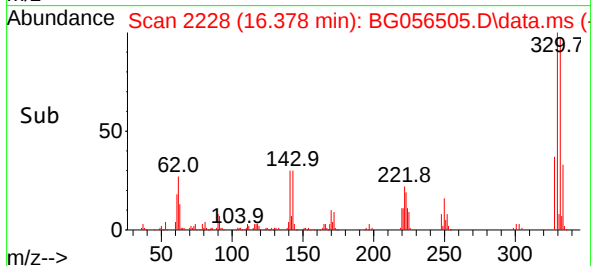


#42
2,4,6-Tribromophenol
Concen: 131.096 ng
RT: 16.378 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG056505.D
Acq: 1 Feb 2023 18:24

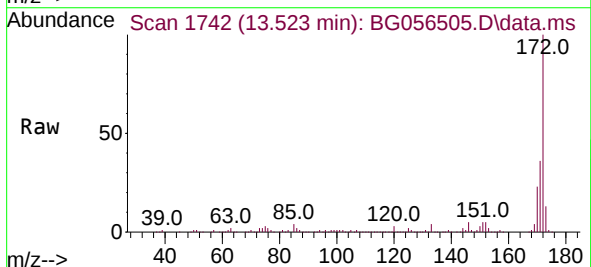
Instrument :
BNA_G
ClientSampleId :
PB150216BL



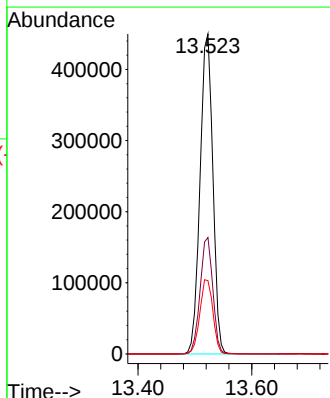
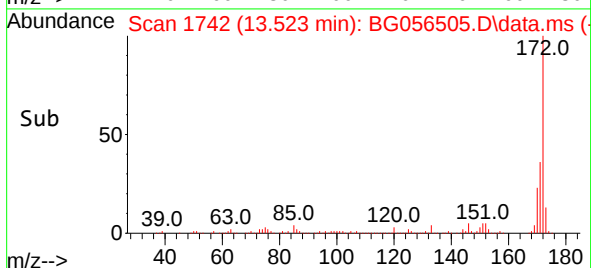
Tgt Ion:330 Resp: 185508
Ion Ratio Lower Upper
330 100
332 96.2 79.0 118.6
141 31.6 24.2 36.4

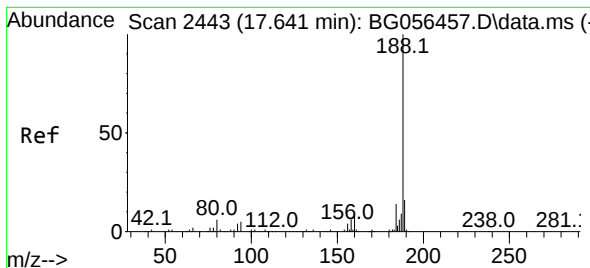


#45
2-Fluorobiphenyl
Concen: 91.308 ng
RT: 13.523 min Scan# 1742
Delta R.T. 0.001 min
Lab File: BG056505.D
Acq: 1 Feb 2023 18:24



Tgt Ion:172 Resp: 700998
Ion Ratio Lower Upper
172 100
171 36.4 29.5 44.3
170 22.9 19.2 28.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.630 min Scan# 2441

Delta R.T. -0.005 min

Lab File: BG056505.D

Acq: 1 Feb 2023 18:24

Instrument :

BNA_G

ClientSampleId :

PB150216BL

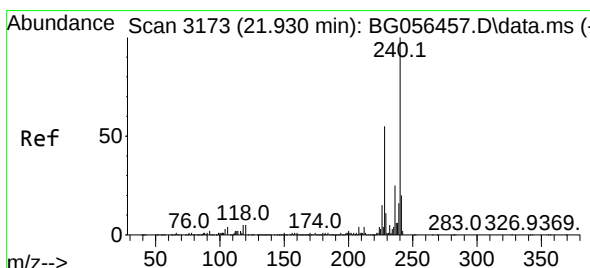
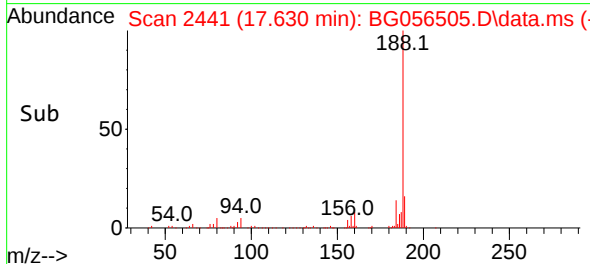
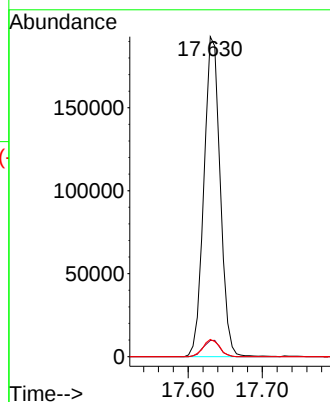
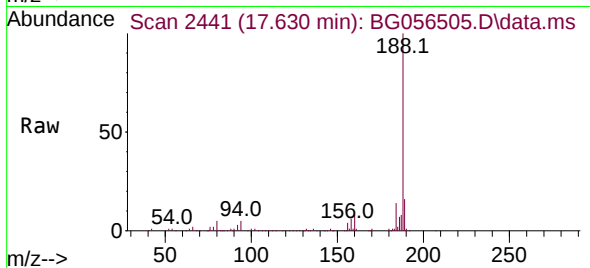
Tgt Ion:188 Resp: 293353

Ion Ratio Lower Upper

188 100

94 5.0 4.1 6.1

80 5.4 5.0 7.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.919 min Scan# 3171

Delta R.T. -0.005 min

Lab File: BG056505.D

Acq: 1 Feb 2023 18:24

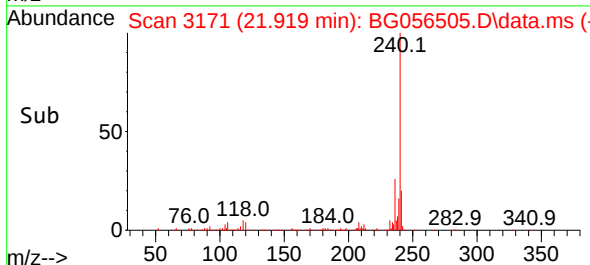
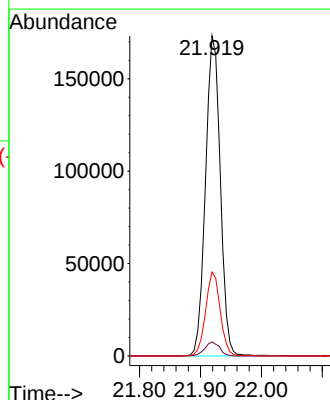
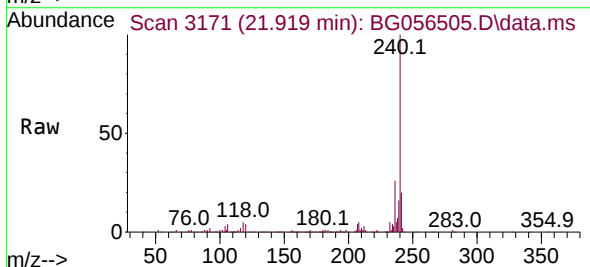
Tgt Ion:240 Resp: 291478

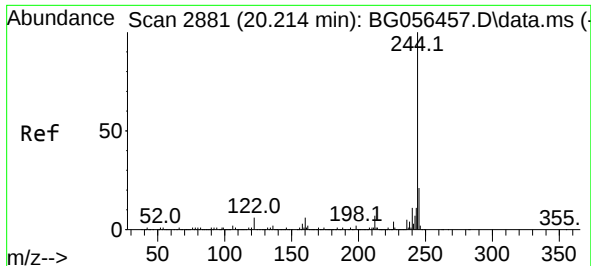
Ion Ratio Lower Upper

240 100

120 4.4 3.8 5.8

236 26.2 20.2 30.2

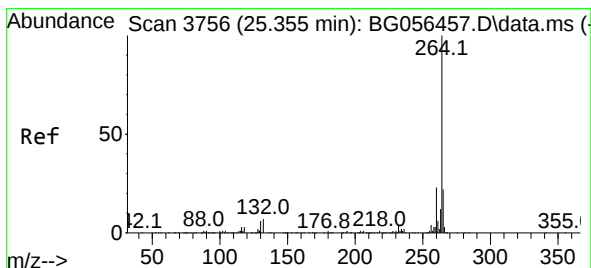
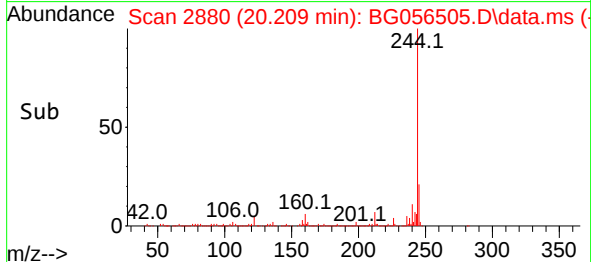
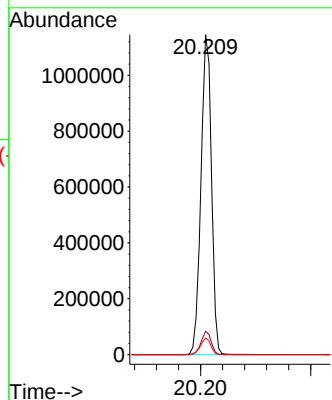
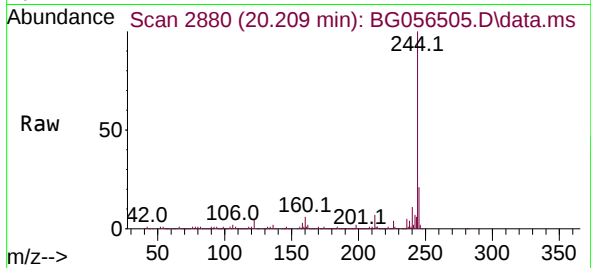




#79
 Terphenyl-d14
 Concen: 91.157 ng
 RT: 20.209 min Scan# 2881
 Delta R.T. 0.001 min
 Lab File: BG056505.D
 Acq: 1 Feb 2023 18:24

Instrument :
 BNA_G
 ClientSampleId :
 PB150216BL

Tgt Ion:244 Resp: 1512802
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.5 8.3
 122 5.2 4.4 6.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.333 min Scan# 3752
 Delta R.T. -0.011 min
 Lab File: BG056505.D
 Acq: 1 Feb 2023 18:24

Tgt Ion:264 Resp: 313759
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.2 27.4
 265 21.1 18.1 27.1

