

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060623\
 Data File : BG057656.D
 Acq On : 7 Jun 2023 4:35
 Operator : CG/JU
 Sample : 03008-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-19-0A

Quant Time: Jun 07 05:46:24 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG052723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 01 03:51:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.339	152	22169	20.000	ng	0.00
21) Naphthalene-d8	11.177	136	96665	20.000	ng	0.00
39) Acenaphthene-d10	14.954	164	75248	20.000	ng	0.00
64) Phenanthrene-d10	17.697	188	185617	20.000	ng	0.00
76) Chrysene-d12	21.997	240	163872	20.000	ng	# 0.00
86) Perylene-d12	25.487	264	175713	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.860	112	140020	109.729	ng	0.00
7) Phenol-d6	7.488	99	211043	105.679	ng	0.00
23) Nitrobenzene-d5	9.520	82	132264	63.961	ng	0.00
42) 2,4,6-Tribromophenol	16.440	330	105298	87.403	ng	0.00
45) 2-Fluorobiphenyl	13.579	172	335655	64.105	ng	0.00
79) Terphenyl-d14	20.264	244	600894	63.518	ng	0.00

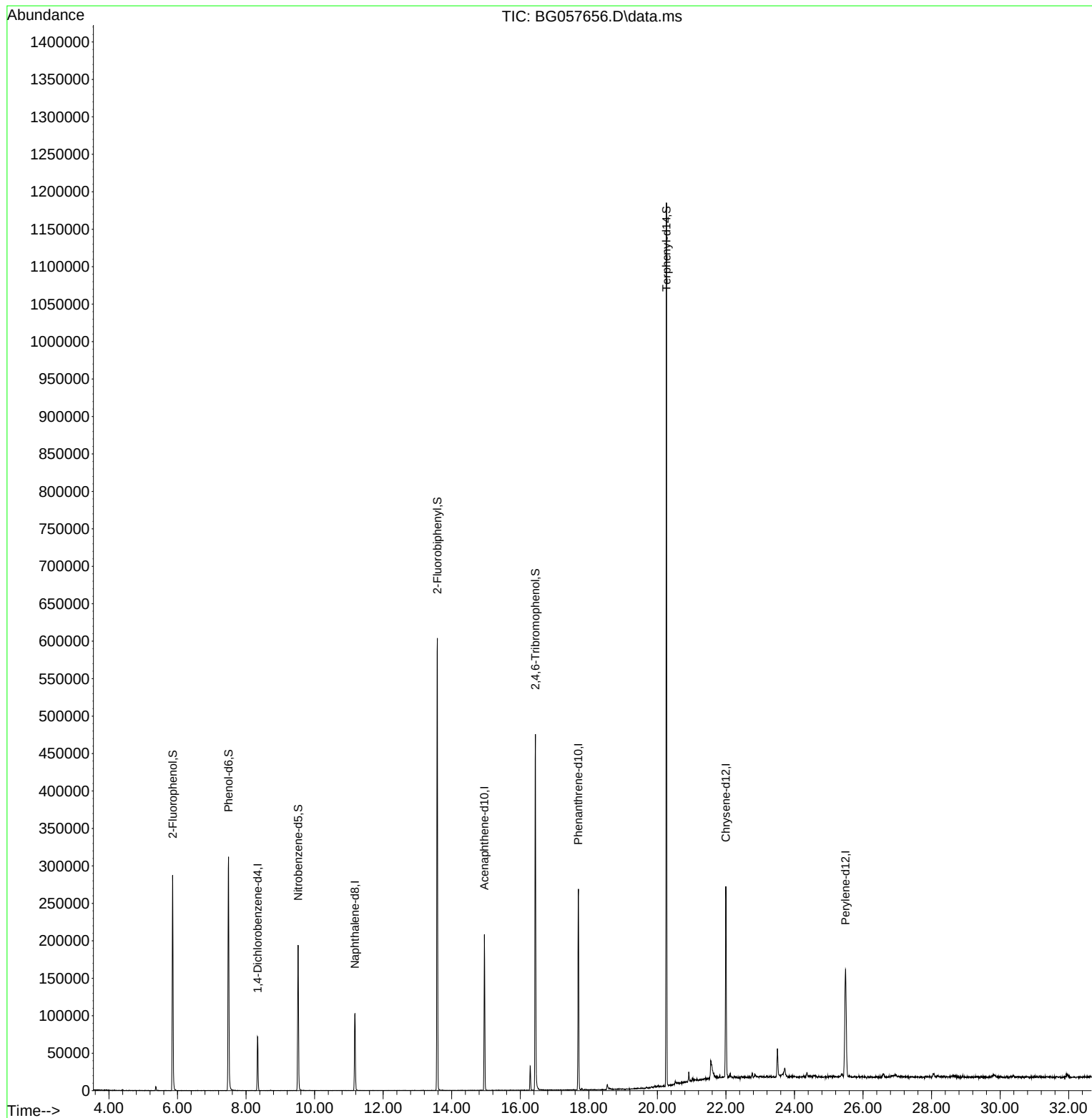
Target Compounds	Qvalue

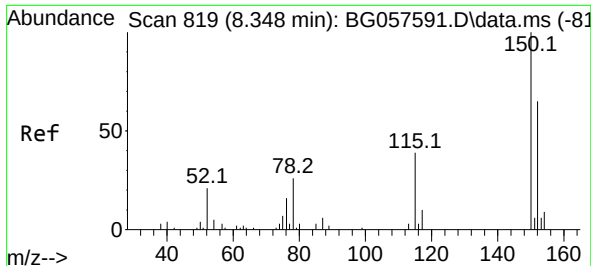
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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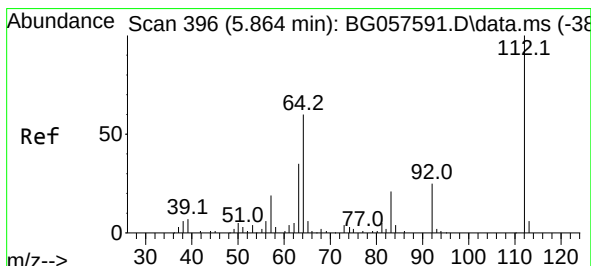
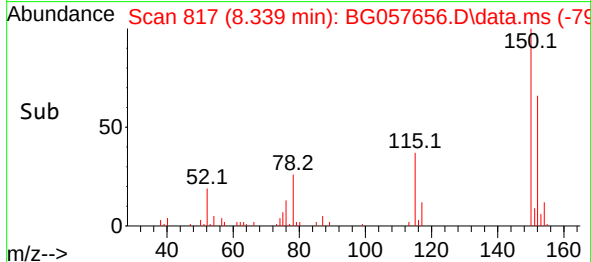
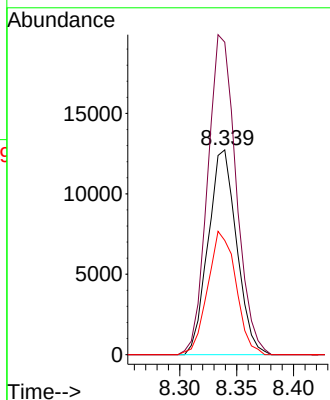
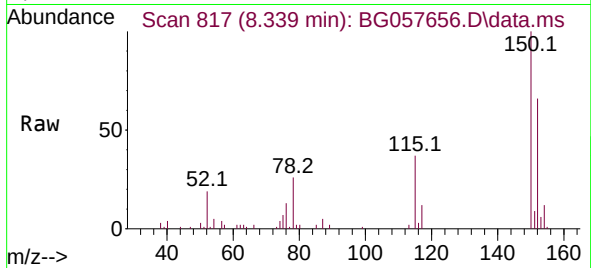




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.339 min Scan# 819
Delta R.T. 0.005 min
Lab File: BG057656.D
Acq: 7 Jun 2023 4:35

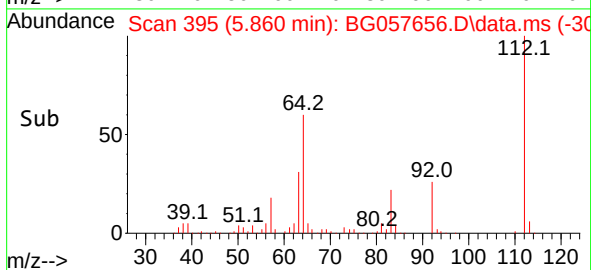
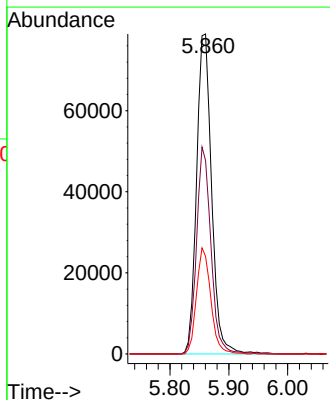
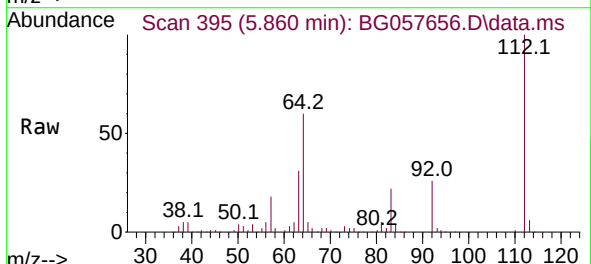
Instrument :
BNA_G
ClientSampleId :
TP-19-0A

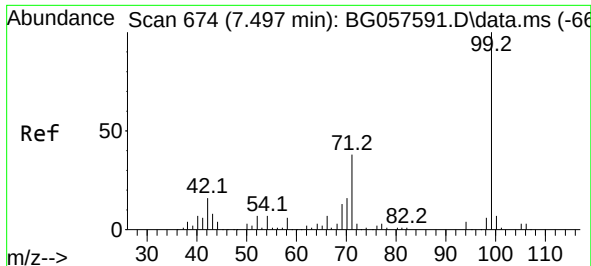
Tgt Ion:152 Resp: 22169
Ion Ratio Lower Upper
152 100
150 152.5 123.0 184.4
115 55.8 47.4 71.2



#5
2-Fluorophenol
Concen: 109.729 ng
RT: 5.860 min Scan# 395
Delta R.T. 0.006 min
Lab File: BG057656.D
Acq: 7 Jun 2023 4:35

Tgt Ion:112 Resp: 140020
Ion Ratio Lower Upper
112 100
64 60.5 47.8 71.6
63 30.5 27.8 41.8

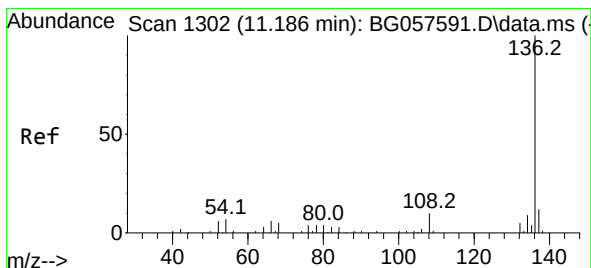
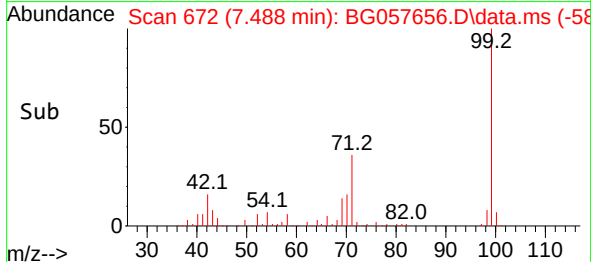
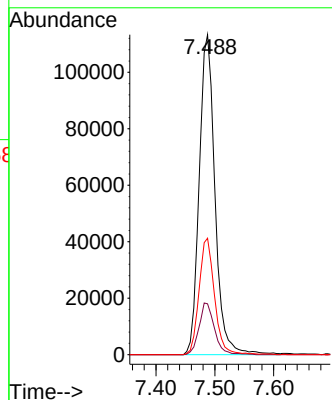
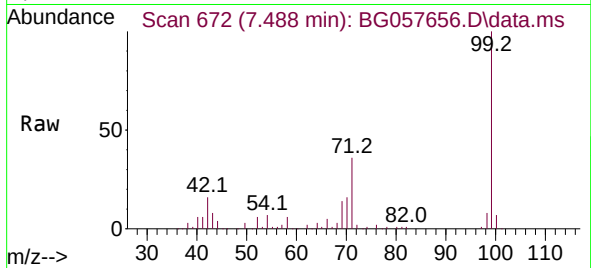




#7
Phenol-d6
Concen: 105.679 ng
RT: 7.488 min Scan# 61
Delta R.T. -0.000 min
Lab File: BG057656.D
Acq: 7 Jun 2023 4:35

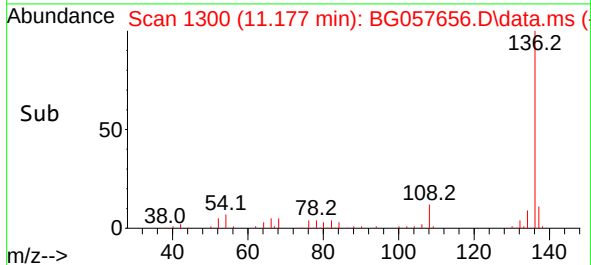
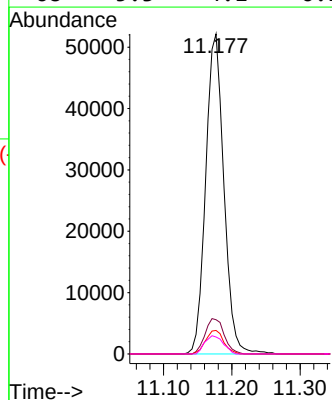
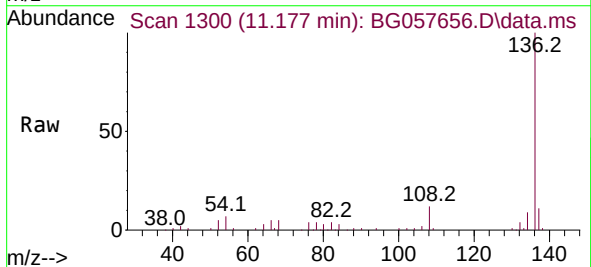
Instrument :
BNA_G
ClientSampleId :
TP-19-0A

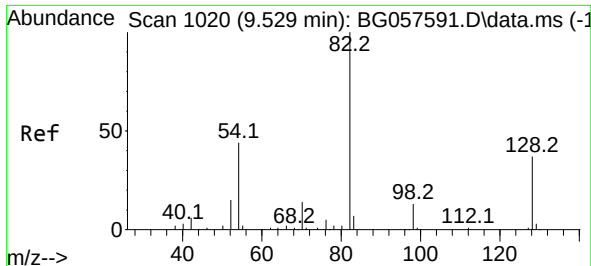
Tgt Ion: 99 Resp: 211043
Ion Ratio Lower Upper
99 100
42 15.9 12.8 19.2
71 36.4 30.3 45.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.177 min Scan# 1300
Delta R.T. -0.000 min
Lab File: BG057656.D
Acq: 7 Jun 2023 4:35

Tgt Ion: 136 Resp: 96665
Ion Ratio Lower Upper
136 100
137 10.7 9.8 14.8
54 7.4 5.8 8.6
68 5.3 4.1 6.1

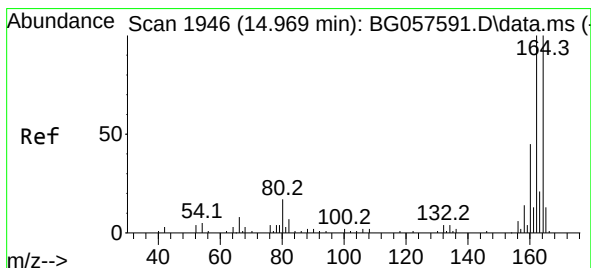
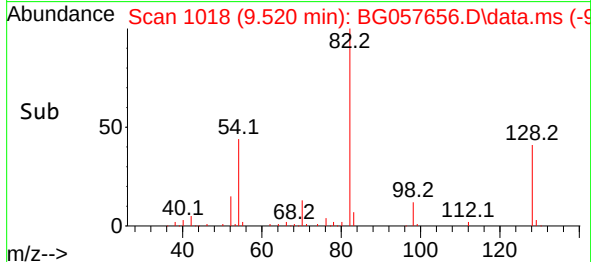
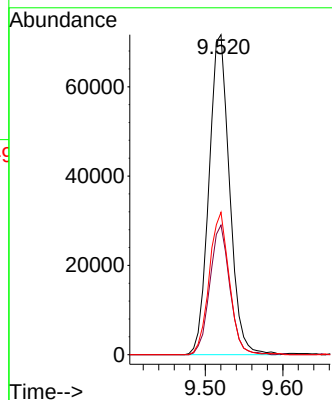
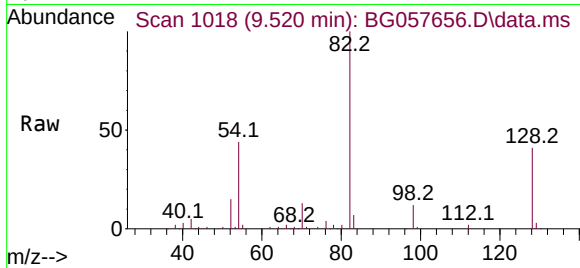




#23
Nitrobenzene-d5
Concen: 63.961 ng
RT: 9.520 min Scan# 1018
Delta R.T. -0.000 min
Lab File: BG057656.D
Acq: 7 Jun 2023 4:35

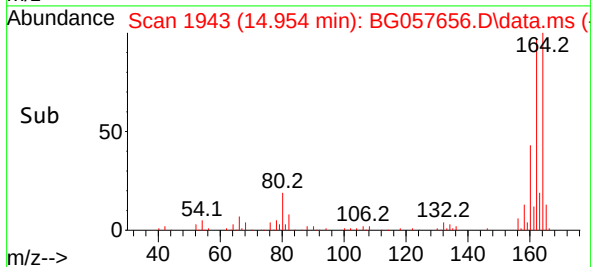
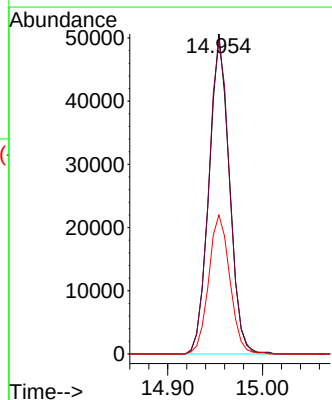
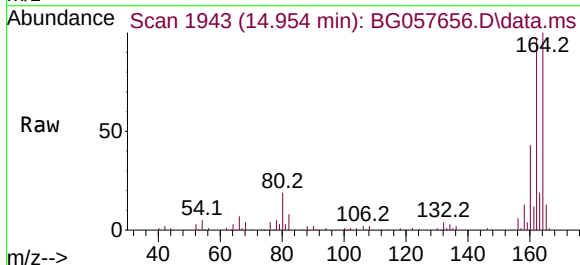
Instrument :
BNA_G
ClientSampleId :
TP-19-0A

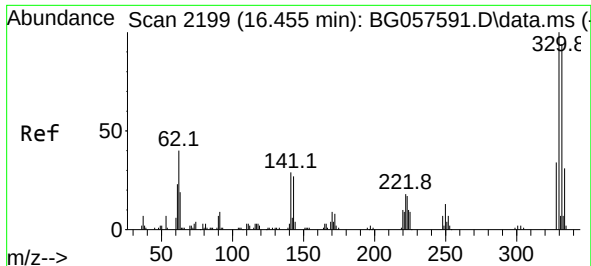
Tgt Ion: 82 Resp: 132264
Ion Ratio Lower Upper
82 100
128 40.5 30.0 45.0
54 44.5 35.2 52.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.954 min Scan# 1943
Delta R.T. -0.006 min
Lab File: BG057656.D
Acq: 7 Jun 2023 4:35

Tgt Ion: 164 Resp: 75248
Ion Ratio Lower Upper
164 100
162 97.4 80.1 120.1
160 43.4 35.9 53.9

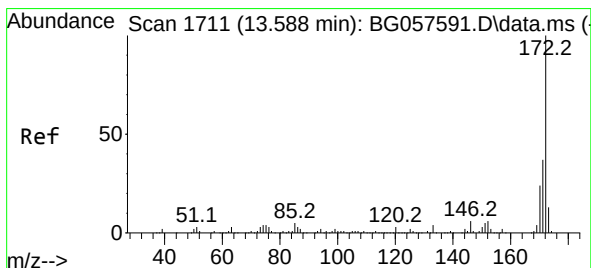
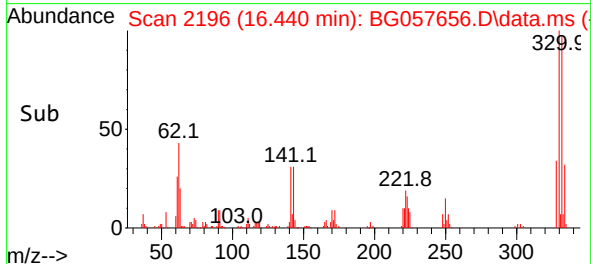
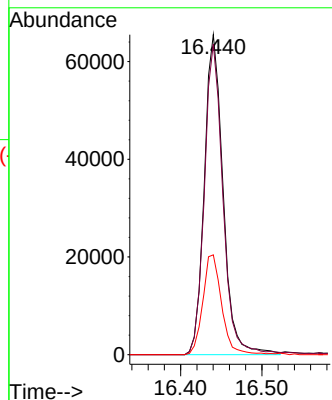
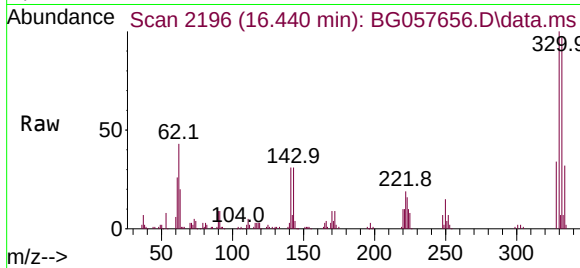




#42
2,4,6-Tribromophenol
Concen: 87.403 ng
RT: 16.440 min Scan# 2199
Delta R.T. -0.006 min
Lab File: BG057656.D
Acq: 7 Jun 2023 4:35

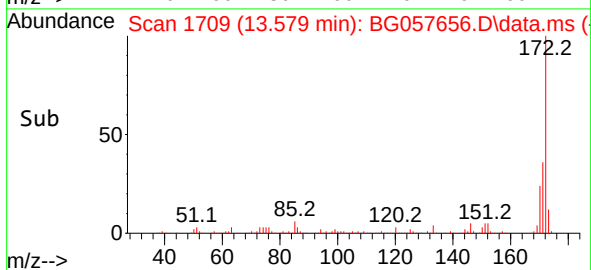
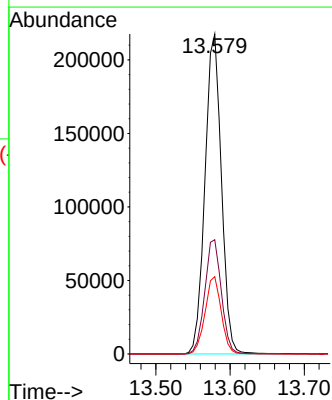
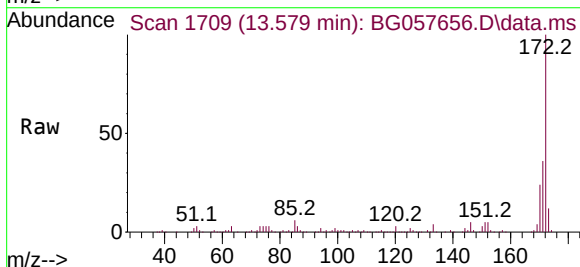
Instrument :
BNA_G
ClientSampleId :
TP-19-0A

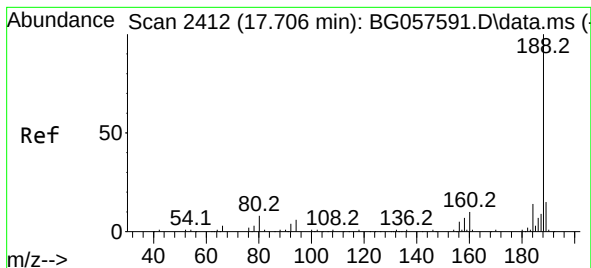
Tgt Ion:330 Resp: 105298
Ion Ratio Lower Upper
330 100
332 96.5 77.3 115.9
141 31.4 24.6 37.0



#45
2-Fluorobiphenyl
Concen: 64.105 ng
RT: 13.579 min Scan# 1709
Delta R.T. -0.000 min
Lab File: BG057656.D
Acq: 7 Jun 2023 4:35

Tgt Ion:172 Resp: 335655
Ion Ratio Lower Upper
172 100
171 35.7 29.2 43.8
170 24.1 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.697 min Scan# 2410

Delta R.T. -0.000 min

Lab File: BG057656.D

Acq: 7 Jun 2023 4:35

Instrument :

BNA_G

ClientSampleId :

TP-19-0A

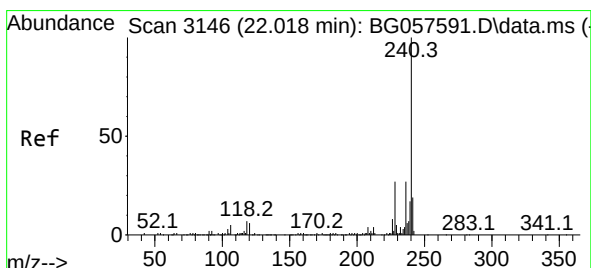
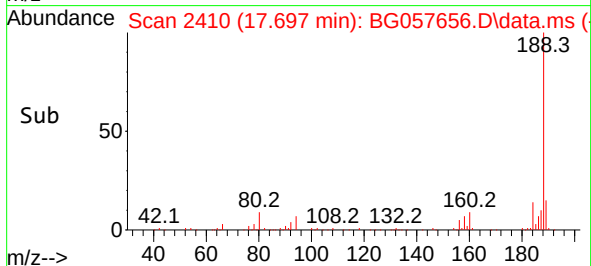
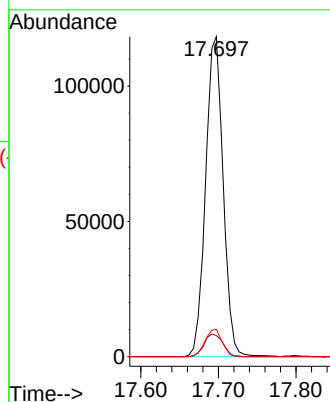
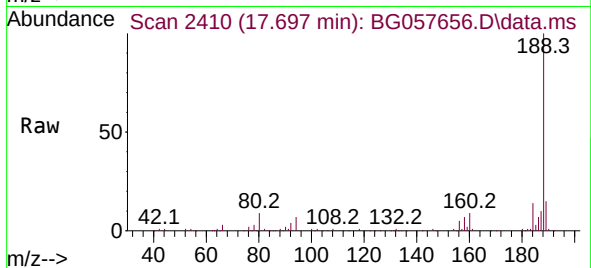
Tgt Ion:188 Resp: 185617

Ion Ratio Lower Upper

188 100

94 6.6 5.2 7.8

80 8.6 6.7 10.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.997 min Scan# 3142

Delta R.T. -0.006 min

Lab File: BG057656.D

Acq: 7 Jun 2023 4:35

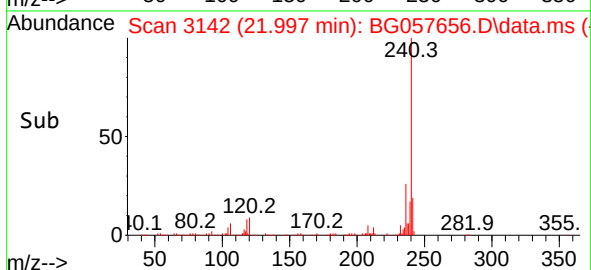
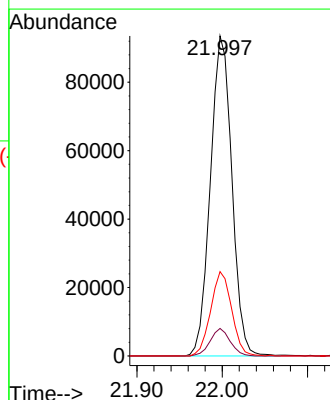
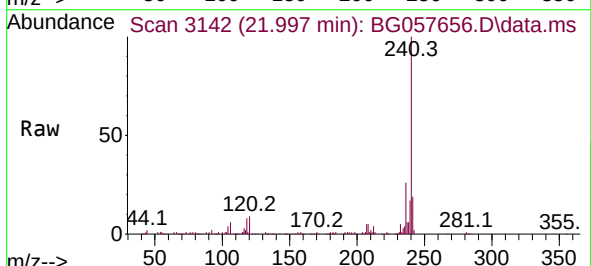
Tgt Ion:240 Resp: 163872

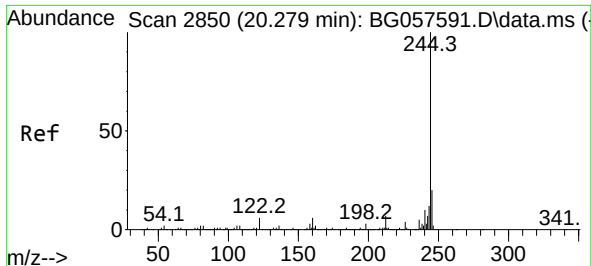
Ion Ratio Lower Upper

240 100

120 8.6 5.2 7.8#

236 26.3 21.4 32.0

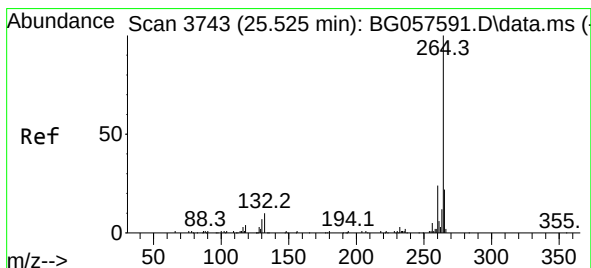
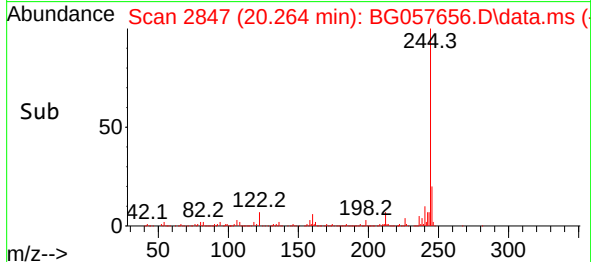
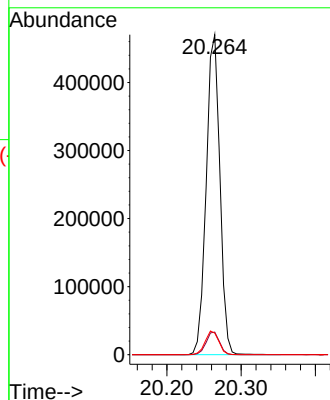
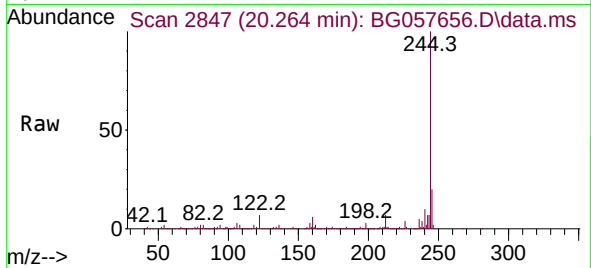




#79
 Terphenyl-d14
 Concen: 63.518 ng
 RT: 20.264 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BG057656.D
 Acq: 7 Jun 2023 4:35

Instrument :
 BNA_G
 ClientSampleId :
 TP-19-0A

Tgt Ion:244 Resp: 600894
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.6 8.4
 122 6.7 4.8 7.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.487 min Scan# 3736
 Delta R.T. -0.012 min
 Lab File: BG057656.D
 Acq: 7 Jun 2023 4:35

Tgt Ion:264 Resp: 175713
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.1 28.7
 265 21.3 17.7 26.5

