

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020223\
 Data File : BG056509.D
 Acq On : 2 Feb 2023 11:15
 Operator : CG/JU
 Sample : PB150219BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB150219BL

Quant Time: Feb 03 05:19:26 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	33529	20.000	ng	# 0.00
21) Naphthalene-d8	11.108	136	130247	20.000	ng	0.00
39) Acenaphthene-d10	14.892	164	107741	20.000	ng	0.00
64) Phenanthrene-d10	17.630	188	293128	20.000	ng	0.00
76) Chrysene-d12	21.919	240	297153	20.000	ng	0.00
86) Perylene-d12	25.339	264	320325	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.791	112	274983	150.870	ng	0.00
7) Phenol-d6	7.418	99	373286	138.225	ng	0.00
23) Nitrobenzene-d5	9.451	82	195672	85.309	ng	0.00
42) 2,4,6-Tribromophenol	16.379	330	177617	124.004	ng	0.00
45) 2-Fluorobiphenyl	13.517	172	669228	86.117	ng	0.00
79) Terphenyl-d14	20.209	244	1471961	87.002	ng	0.00

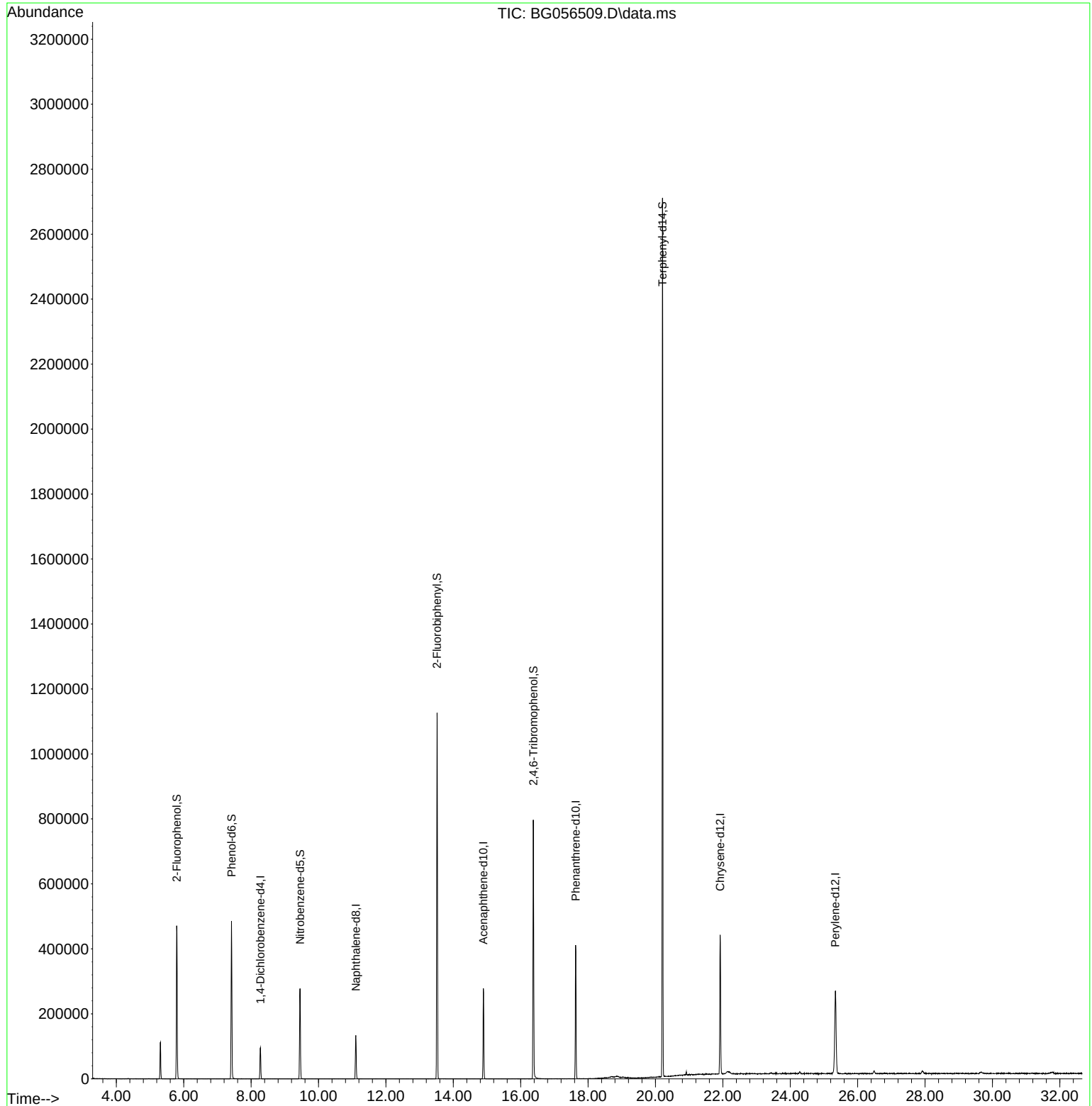
Target Compounds Qvalue

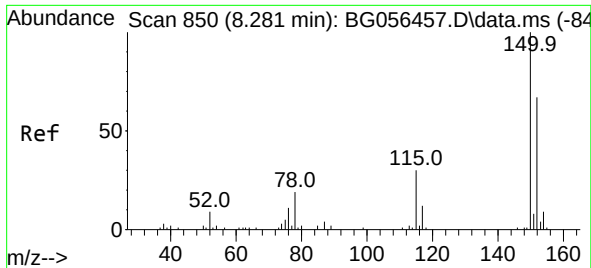
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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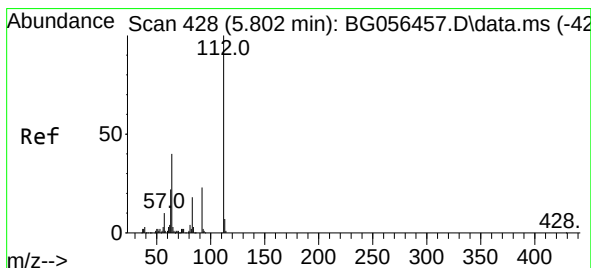
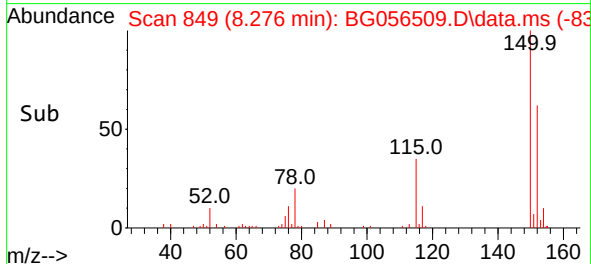
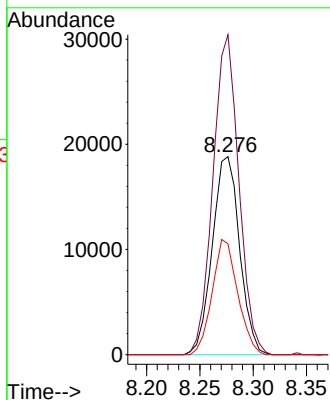
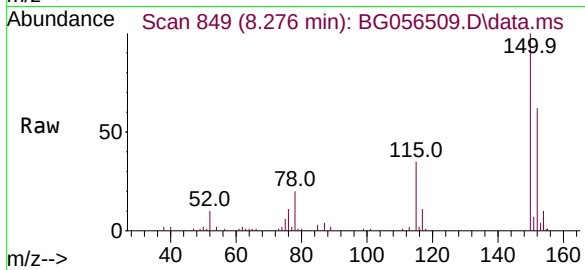




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.276 min Scan# 84
Delta R.T. 0.001 min
Lab File: BG056509.D
Acq: 2 Feb 2023 11:15

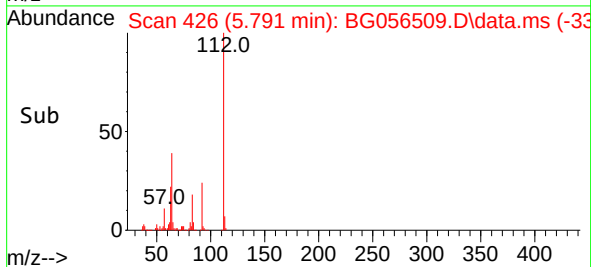
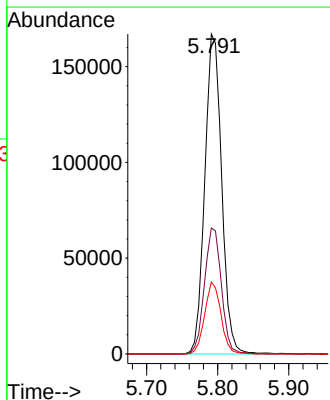
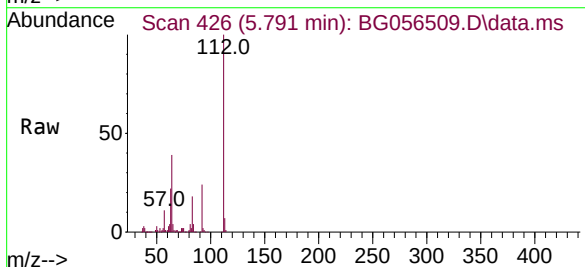
Instrument :
BNA_G
ClientSampleId :
PB150219BL

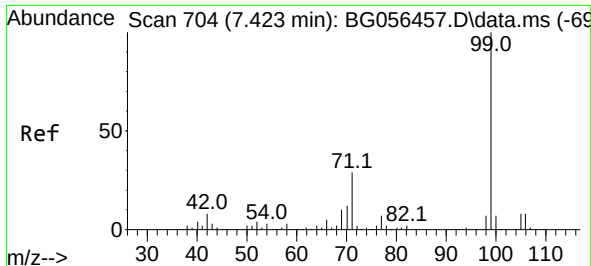
Tgt Ion:152 Resp: 33529
Ion Ratio Lower Upper
152 100
150 161.6 120.2 180.4
115 56.0 36.3 54.5#



#5
2-Fluorophenol
Concen: 150.870 ng
RT: 5.791 min Scan# 426
Delta R.T. -0.005 min
Lab File: BG056509.D
Acq: 2 Feb 2023 11:15

Tgt Ion:112 Resp: 274983
Ion Ratio Lower Upper
112 100
64 39.3 31.9 47.9
63 22.5 17.4 26.0

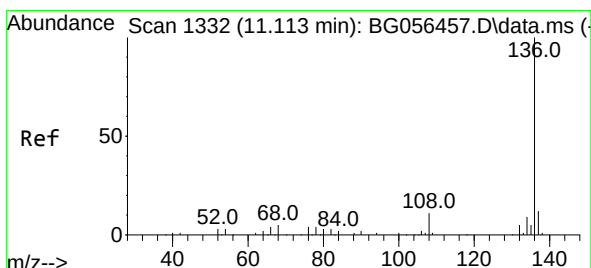
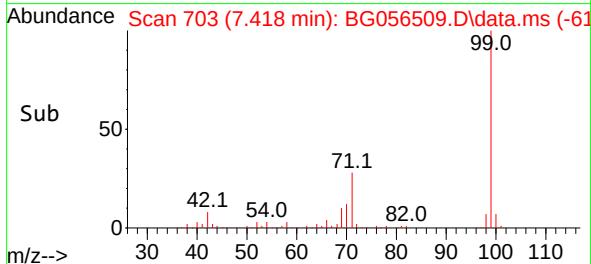
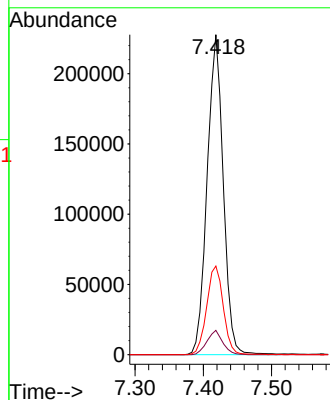
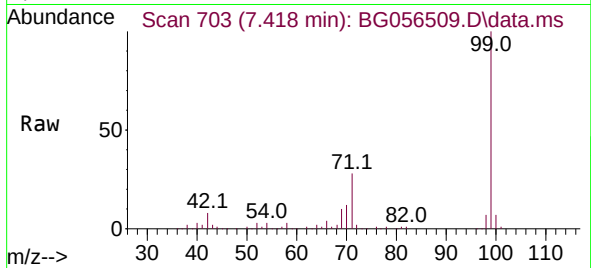




#7
Phenol-d6
Concen: 138.225 ng
RT: 7.418 min Scan# 704
Delta R.T. 0.001 min
Lab File: BG056509.D
Acq: 2 Feb 2023 11:15

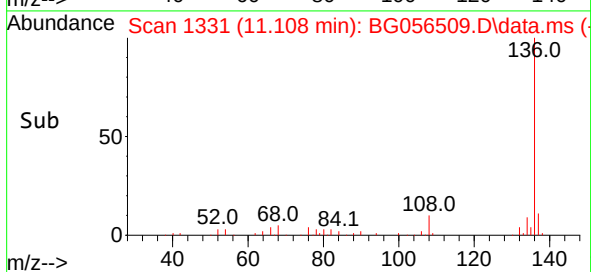
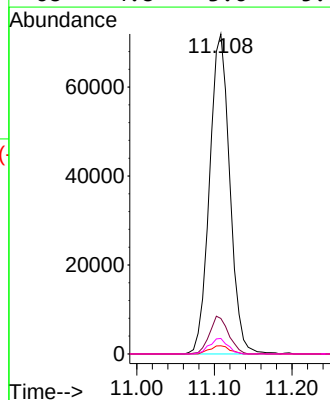
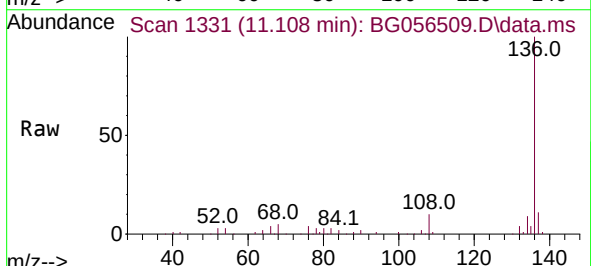
Instrument :
BNA_G
ClientSampleId :
PB150219BL

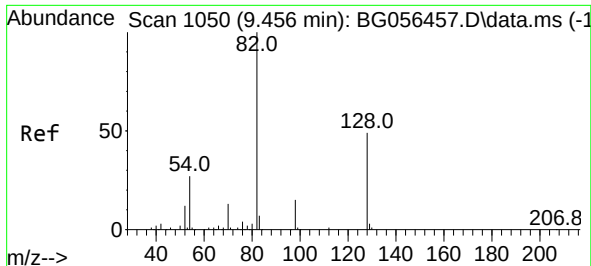
Tgt Ion: 99 Resp: 373286
Ion Ratio Lower Upper
99 100
42 7.6 6.6 10.0
71 27.7 23.4 35.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.108 min Scan# 1331
Delta R.T. 0.001 min
Lab File: BG056509.D
Acq: 2 Feb 2023 11:15

Tgt Ion:136 Resp: 130247
Ion Ratio Lower Upper
136 100
137 11.1 9.4 14.0
54 2.5 2.2 3.4
68 4.8 3.6 5.4





#23

Nitrobenzene-d5

Concen: 85.309 ng

RT: 9.451 min Scan# 1049

Delta R.T. -0.005 min

Lab File: BG056509.D

Acq: 2 Feb 2023 11:15

Instrument :

BNA_G

ClientSampleId :

PB150219BL

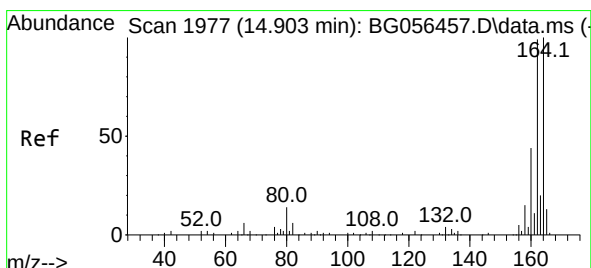
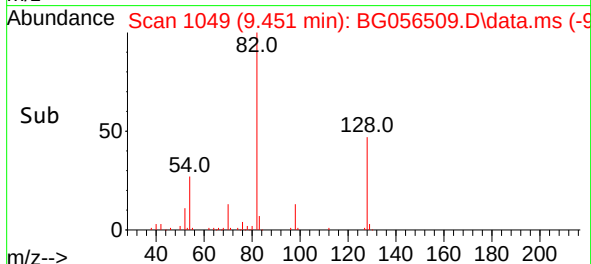
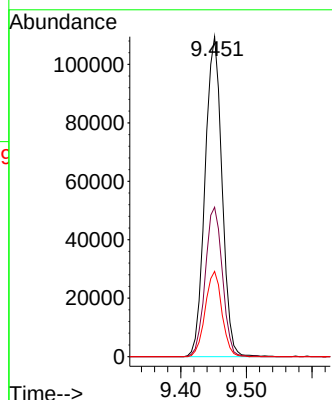
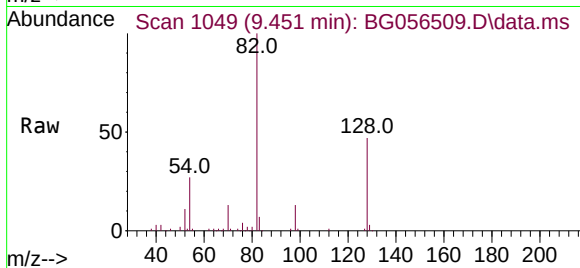
Tgt Ion: 82 Resp: 195672

Ion Ratio Lower Upper

82 100

128 46.7 39.4 59.2

54 26.6 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: BG056509.D

Acq: 2 Feb 2023 11:15

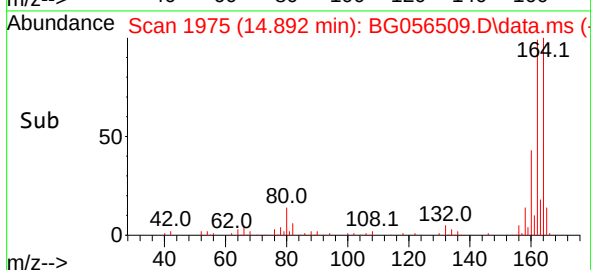
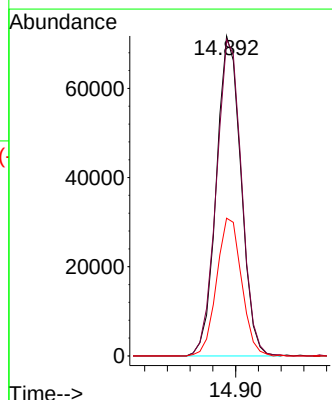
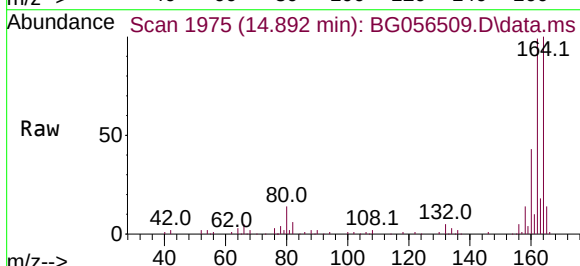
Tgt Ion: 164 Resp: 107741

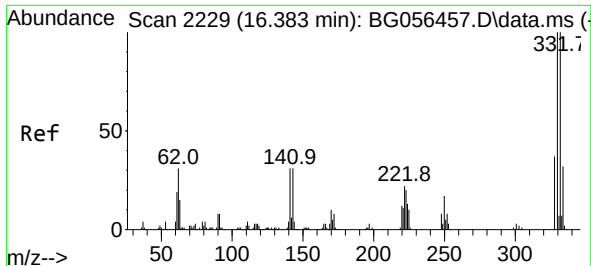
Ion Ratio Lower Upper

164 100

162 98.9 79.6 119.4

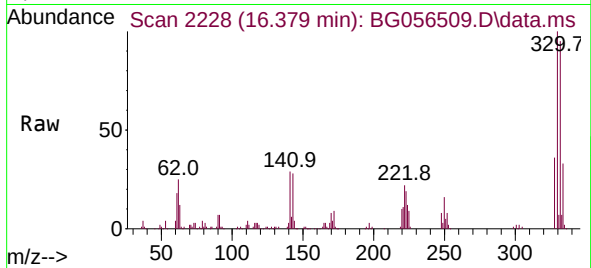
160 43.0 34.9 52.3



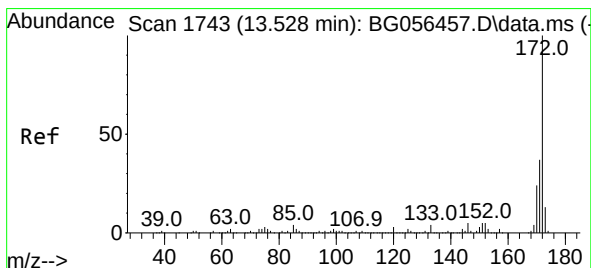
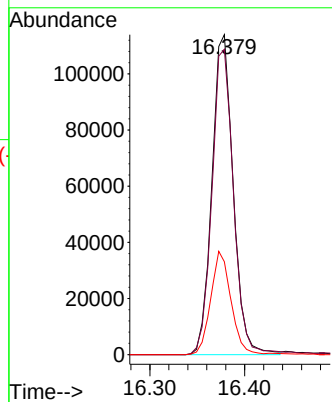
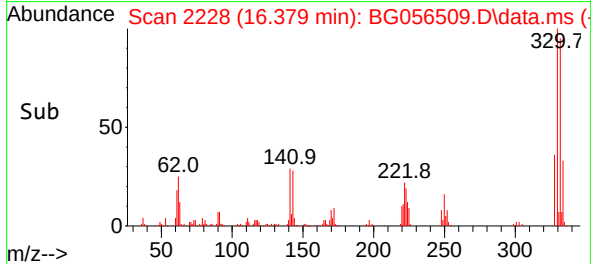


#42
2,4,6-Tribromophenol
Concen: 124.004 ng
RT: 16.379 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG056509.D
Acq: 2 Feb 2023 11:15

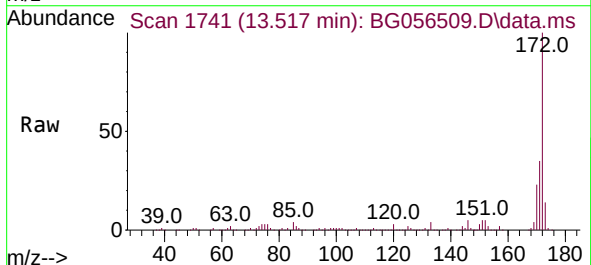
Instrument :
BNA_G
ClientSampleId :
PB150219BL



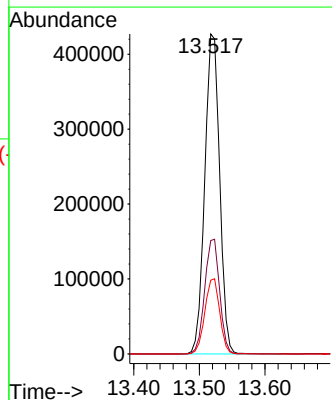
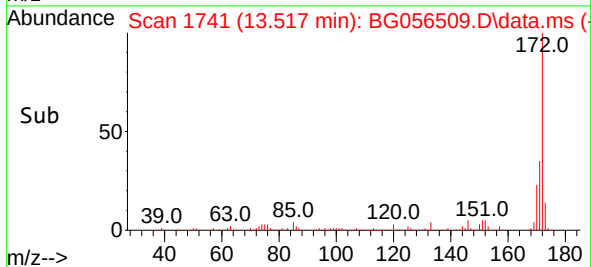
Tgt Ion:330 Resp: 177617
Ion Ratio Lower Upper
330 100
332 97.3 79.0 118.6
141 31.2 24.2 36.4

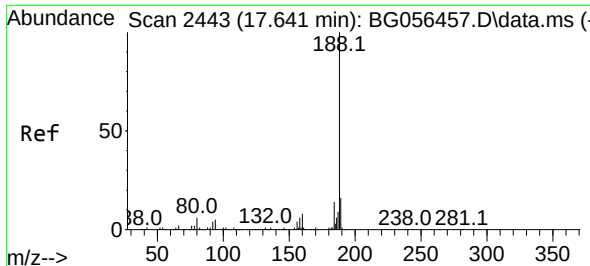


#45
2-Fluorobiphenyl
Concen: 86.117 ng
RT: 13.517 min Scan# 1741
Delta R.T. -0.005 min
Lab File: BG056509.D
Acq: 2 Feb 2023 11:15



Tgt Ion:172 Resp: 669228
Ion Ratio Lower Upper
172 100
171 35.4 29.5 44.3
170 23.0 19.2 28.8

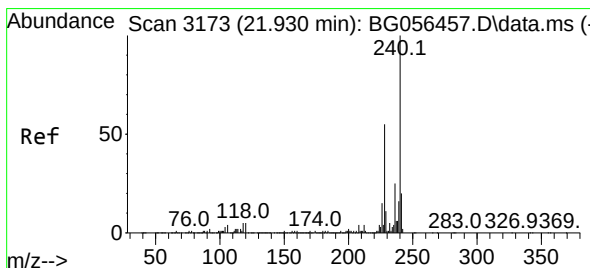
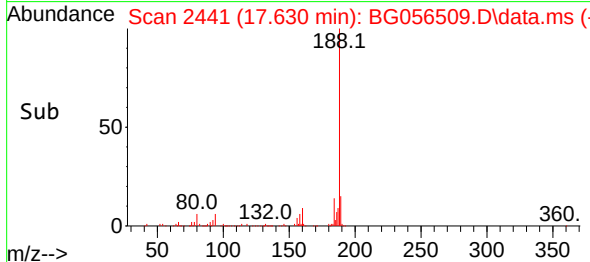
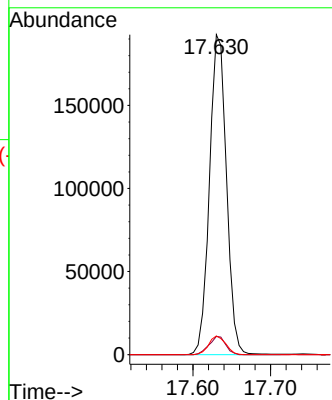
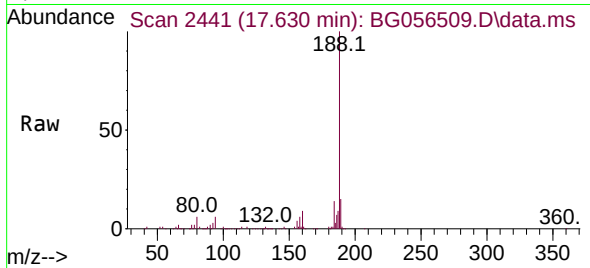




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.630 min Scan# 2443
Delta R.T. -0.005 min
Lab File: BG056509.D
Acq: 2 Feb 2023 11:15

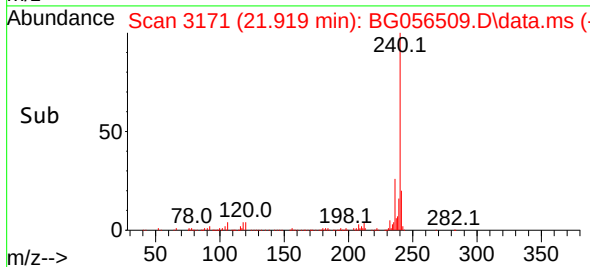
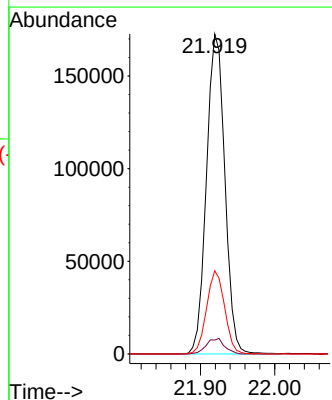
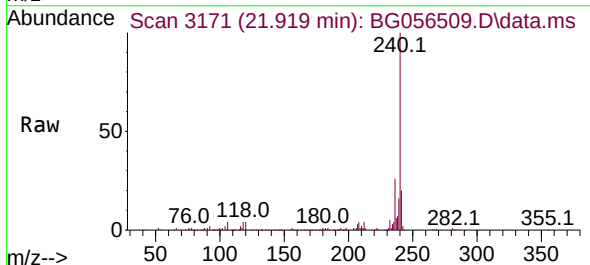
Instrument :
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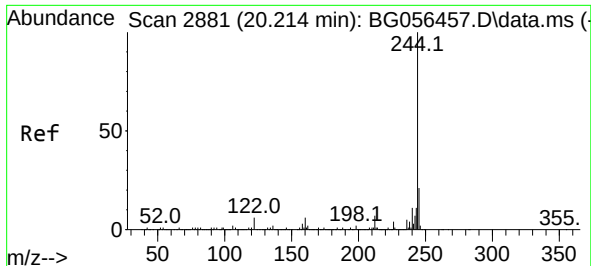
Tgt Ion:188 Resp: 293128
Ion Ratio Lower Upper
188 100
94 5.7 4.1 6.1
80 5.8 5.0 7.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.919 min Scan# 3171
Delta R.T. -0.005 min
Lab File: BG056509.D
Acq: 2 Feb 2023 11:15

Tgt Ion:240 Resp: 297153
Ion Ratio Lower Upper
240 100
120 4.3 3.8 5.8
236 26.0 20.2 30.2

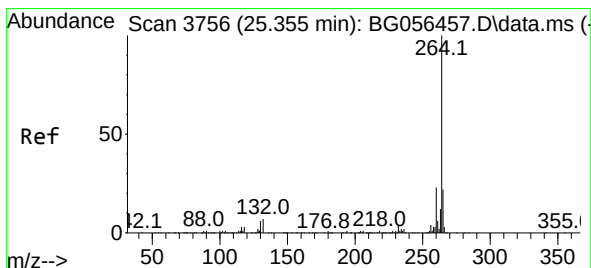
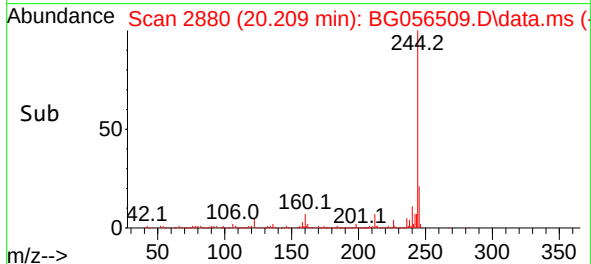
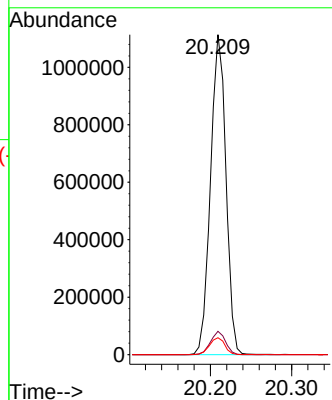
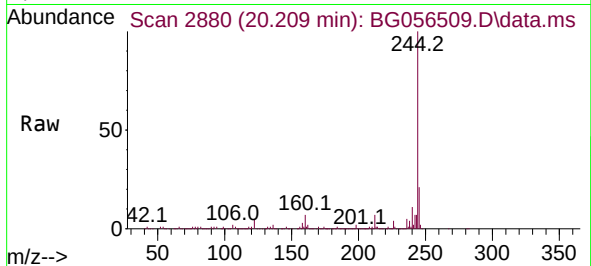




#79
 Terphenyl-d14
 Concen: 87.002 ng
 RT: 20.209 min Scan# 2881
 Delta R.T. 0.001 min
 Lab File: BG056509.D
 Acq: 2 Feb 2023 11:15

Instrument :
 BNA_G
 ClientSampleId :
 PB150219BL

Tgt Ion:244 Resp: 1471961
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.5 8.3
 122 5.3 4.4 6.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.339 min Scan# 3753
 Delta R.T. -0.005 min
 Lab File: BG056509.D
 Acq: 2 Feb 2023 11:15

Tgt Ion:264 Resp: 320325
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.2 27.4
 265 22.6 18.1 27.1

