

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041223\
 Data File : BG057069.D
 Acq On : 12 Apr 2023 18:37
 Operator : CG/JU
 Sample : 02292-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 IDW-SO-G1-041123

Quant Time: Apr 13 05:26:11 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 13 05:15:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.407	152	16205	20.000	ng	0.00
21) Naphthalene-d8	11.250	136	58183	20.000	ng	# 0.00
39) Acenaphthene-d10	15.016	164	40342	20.000	ng	0.00
64) Phenanthrene-d10	17.759	188	99781	20.000	ng	0.00
76) Chrysene-d12	22.071	240	96031	20.000	ng	#-0.01
86) Perylene-d12	25.607	264	104011	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.916	112	97528	96.321	ng	0.00
7) Phenol-d6	7.538	99	131507	86.840	ng	0.00
23) Nitrobenzene-d5	9.582	82	84390	59.348	ng	0.00
42) 2,4,6-Tribromophenol	16.496	330	61380	95.240	ng	0.00
45) 2-Fluorobiphenyl	13.641	172	189730	63.774	ng	0.00
79) Terphenyl-d14	20.326	244	374408	65.974	ng	0.00

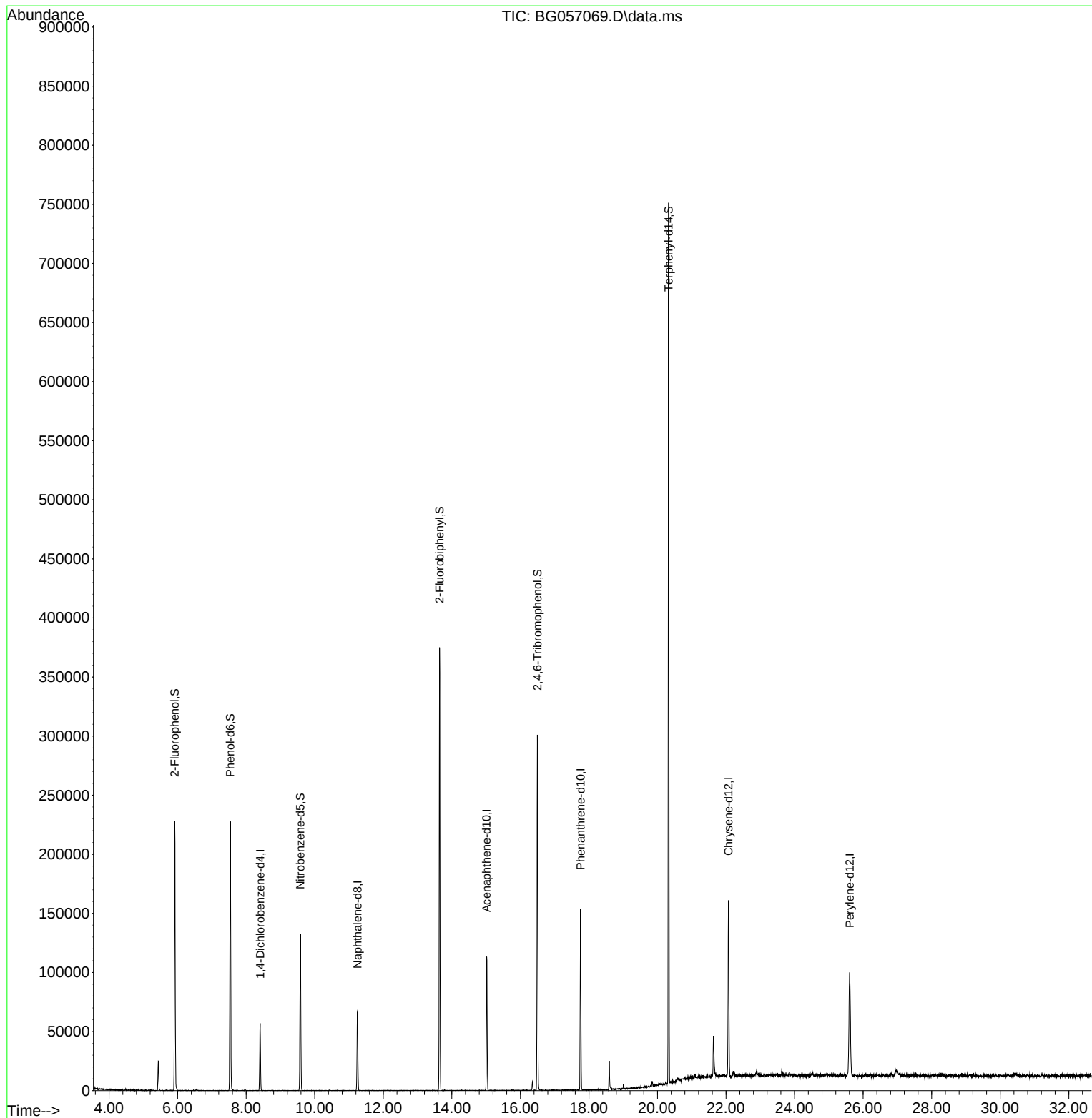
Target Compounds	Qvalue

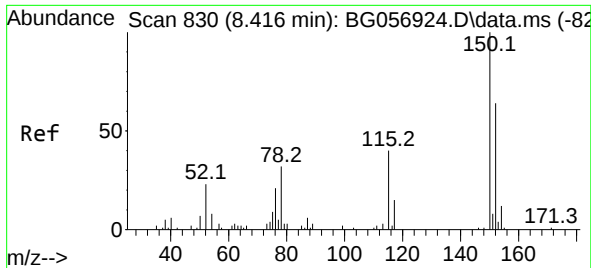
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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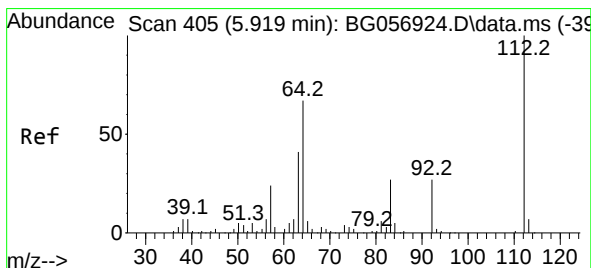
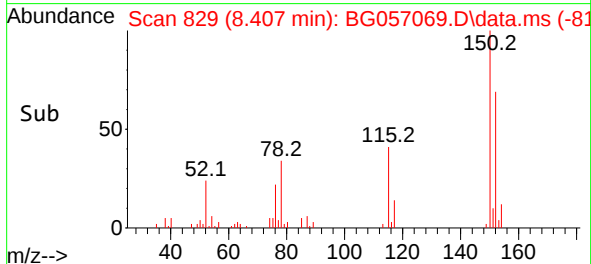
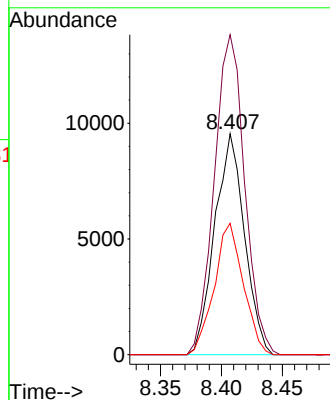
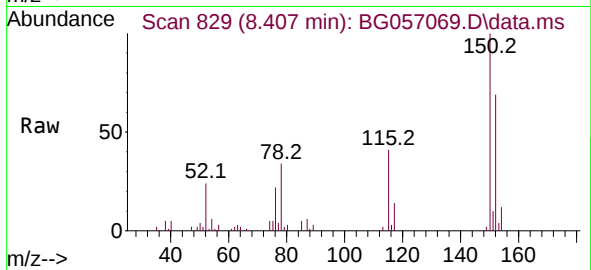




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.407 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG057069.D
Acq: 12 Apr 2023 18:37

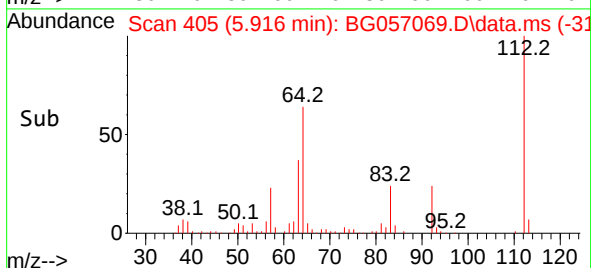
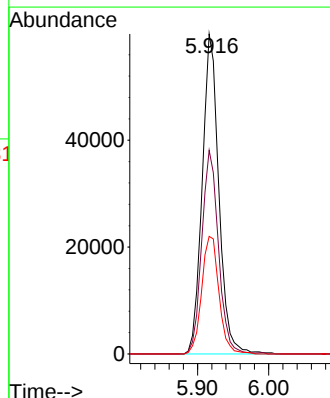
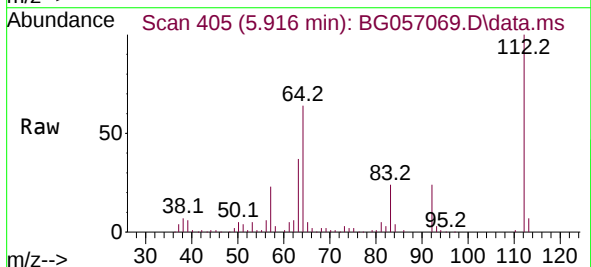
Instrument :
BNA_G
ClientSampleId :
IDW-SO-G1-041123

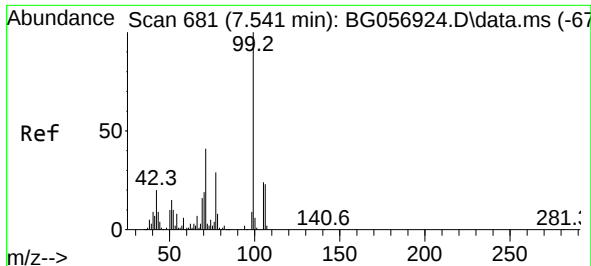
Tgt Ion:152 Resp: 16205
Ion Ratio Lower Upper
152 100
150 144.8 124.1 186.1
115 59.5 49.1 73.7



#5
2-Fluorophenol
Concen: 96.321 ng
RT: 5.916 min Scan# 405
Delta R.T. 0.002 min
Lab File: BG057069.D
Acq: 12 Apr 2023 18:37

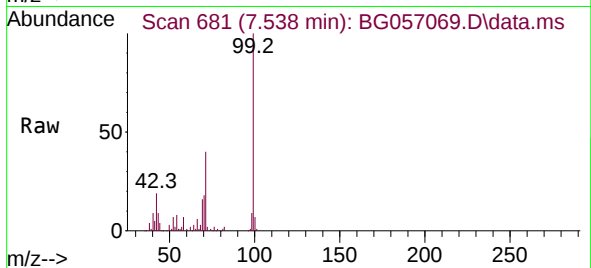
Tgt Ion:112 Resp: 97528
Ion Ratio Lower Upper
112 100
64 63.7 53.2 79.8
63 36.7 32.6 48.8



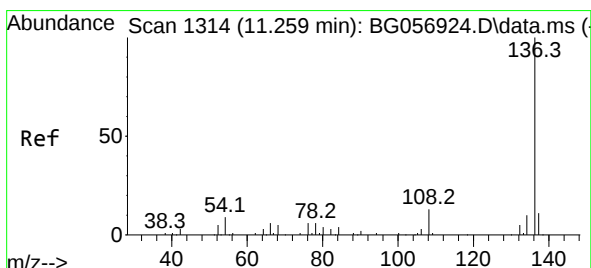
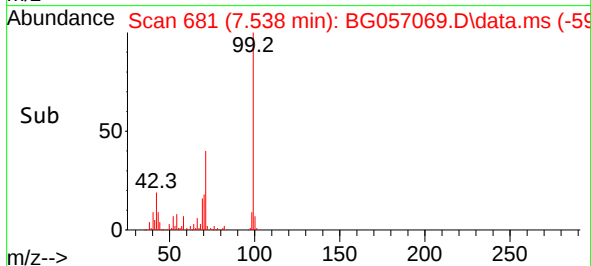
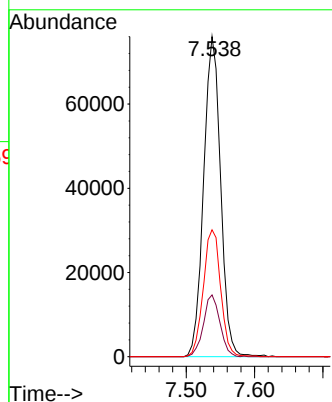


#7
Phenol-d6
Concen: 86.840 ng
RT: 7.538 min Scan# 681
Delta R.T. 0.002 min
Lab File: BG057069.D
Acq: 12 Apr 2023 18:37

Instrument :
BNA_G
ClientSampleId :
IDW-SO-G1-041123

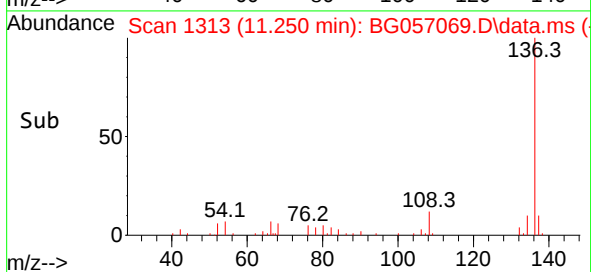
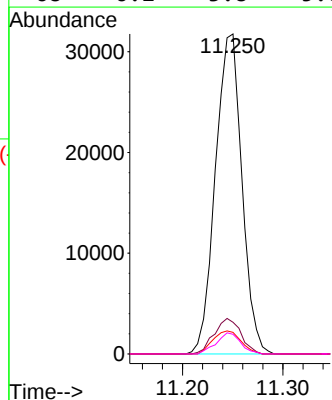
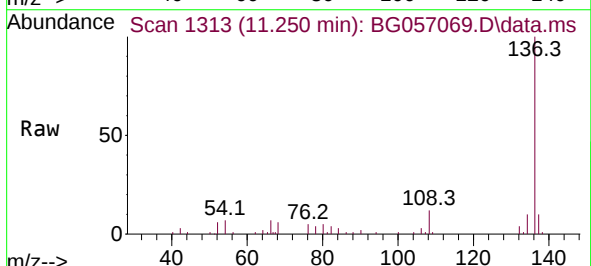


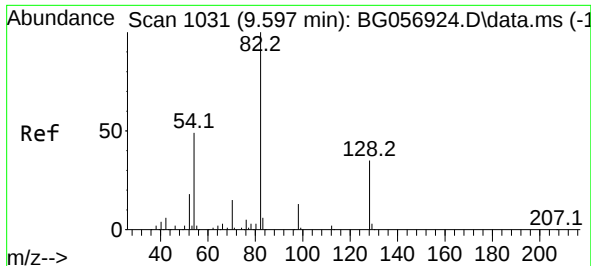
Tgt Ion: 99 Resp: 131507
Ion Ratio Lower Upper
99 100
42 19.3 15.7 23.5
71 39.6 32.5 48.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.250 min Scan# 1313
Delta R.T. 0.002 min
Lab File: BG057069.D
Acq: 12 Apr 2023 18:37

Tgt Ion: 136 Resp: 58183
Ion Ratio Lower Upper
136 100
137 9.9 8.6 13.0
54 6.7 6.9 10.3#
68 6.2 3.8 5.6#





#23

Nitrobenzene-d5

Concen: 59.348 ng

RT: 9.582 min Scan# 1029

Delta R.T. -0.004 min

Lab File: BG057069.D

Acq: 12 Apr 2023 18:37

Instrument :

BNA_G

ClientSampleId :

IDW-SO-G1-041123

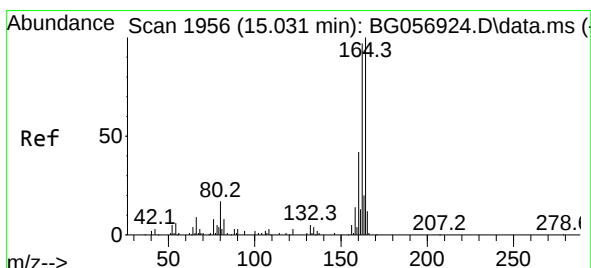
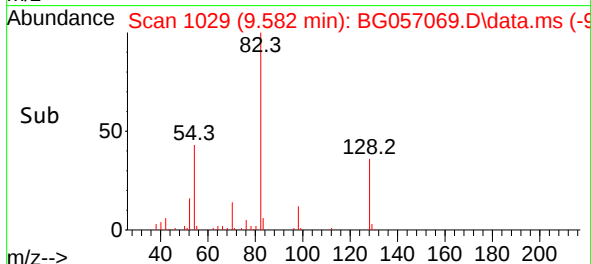
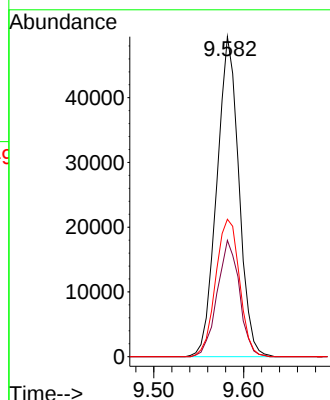
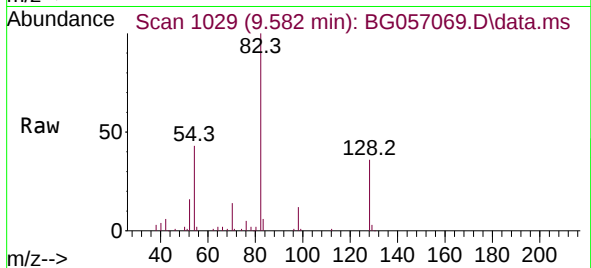
Tgt Ion: 82 Resp: 84390

Ion Ratio Lower Upper

82 100

128 36.4 27.9 41.9

54 42.9 39.4 59.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.016 min Scan# 1954

Delta R.T. -0.004 min

Lab File: BG057069.D

Acq: 12 Apr 2023 18:37

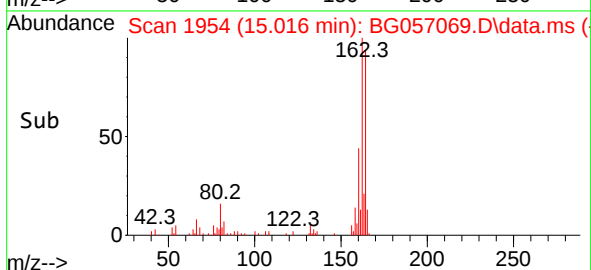
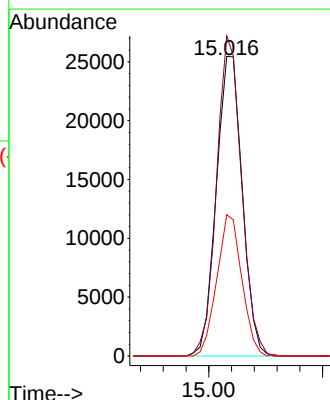
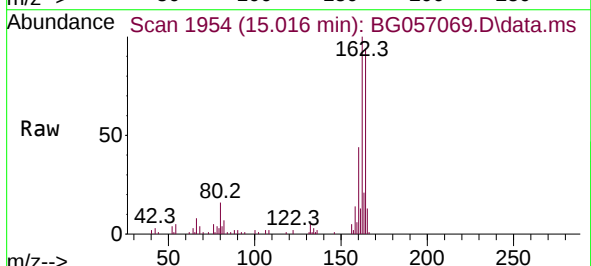
Tgt Ion: 164 Resp: 40342

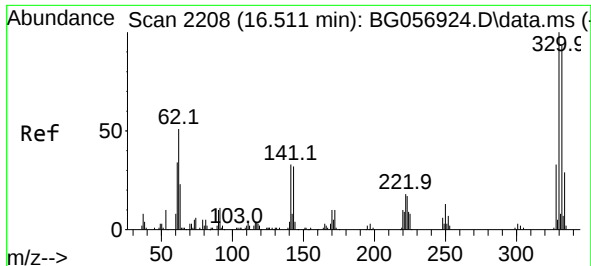
Ion Ratio Lower Upper

164 100

162 106.9 77.8 116.8

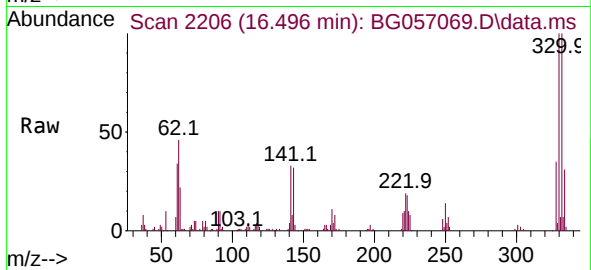
160 47.2 33.5 50.3



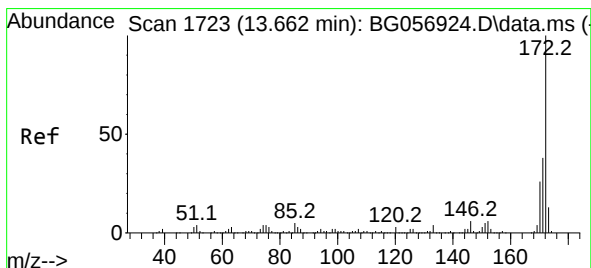
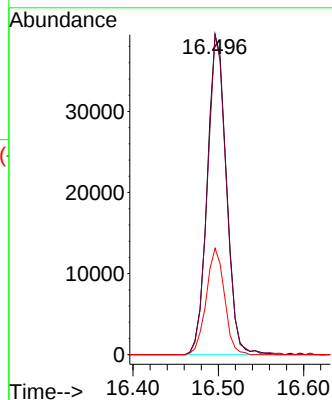
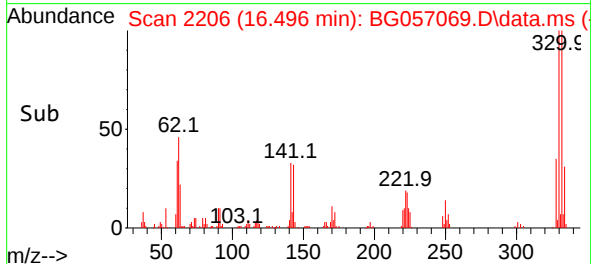


#42
2,4,6-Tribromophenol
Concen: 95.240 ng
RT: 16.496 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG057069.D
Acq: 12 Apr 2023 18:37

Instrument :
BNA_G
ClientSampleId :
IDW-SO-G1-041123

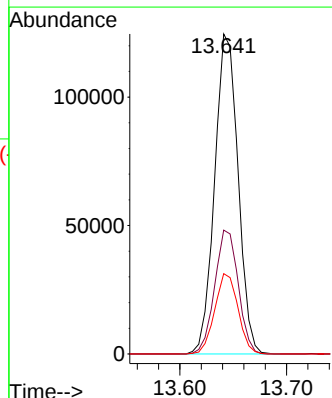
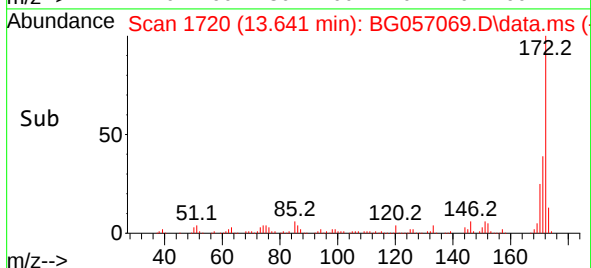
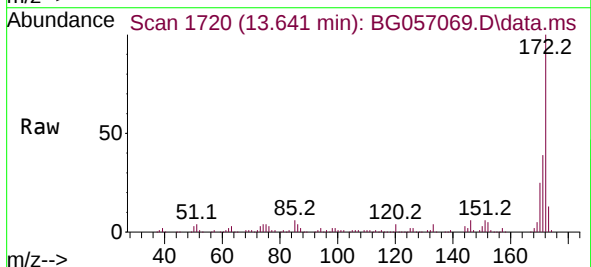


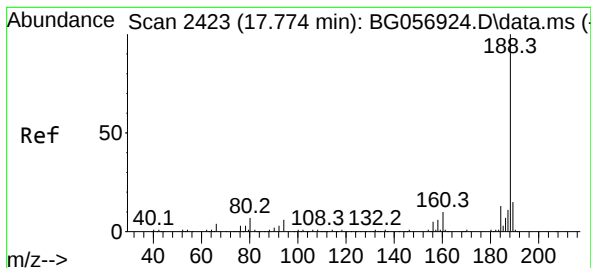
Tgt Ion:330 Resp: 61380
Ion Ratio Lower Upper
330 100
332 98.5 76.1 114.1
141 31.7 25.8 38.6



#45
2-Fluorobiphenyl
Concen: 63.774 ng
RT: 13.641 min Scan# 1720
Delta R.T. -0.004 min
Lab File: BG057069.D
Acq: 12 Apr 2023 18:37

Tgt Ion:172 Resp: 189730
Ion Ratio Lower Upper
172 100
171 38.7 30.6 46.0
170 25.1 20.6 30.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.759 min Scan# 2421

Delta R.T. -0.004 min

Lab File: BG057069.D

Acq: 12 Apr 2023 18:37

Instrument :

BNA_G

ClientSampleId :

IDW-SO-G1-041123

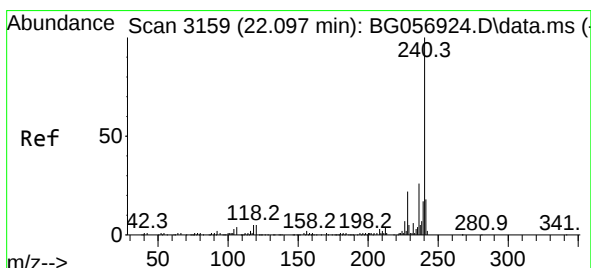
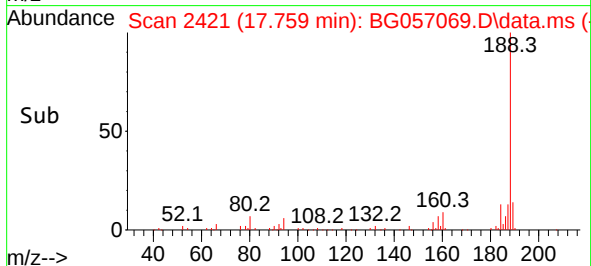
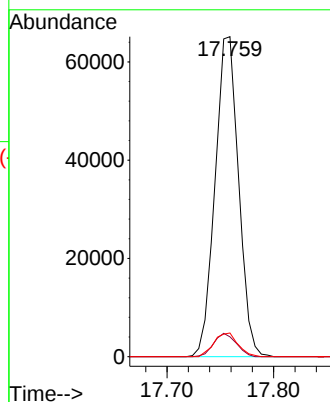
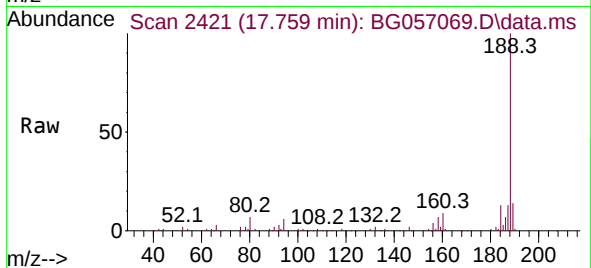
Tgt Ion:188 Resp: 99781

Ion Ratio Lower Upper

188 100

94 6.2 4.6 6.8

80 7.4 5.5 8.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.071 min Scan# 3155

Delta R.T. -0.010 min

Lab File: BG057069.D

Acq: 12 Apr 2023 18:37

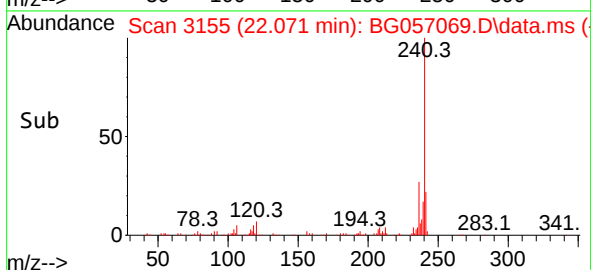
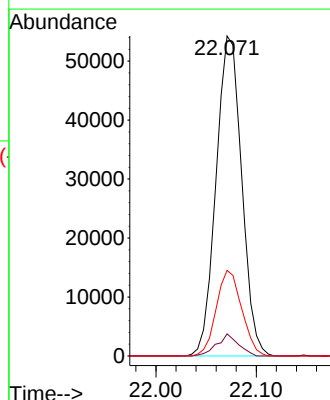
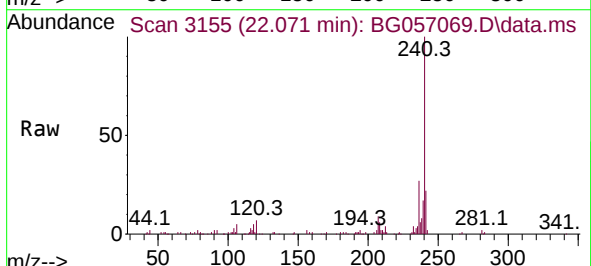
Tgt Ion:240 Resp: 96031

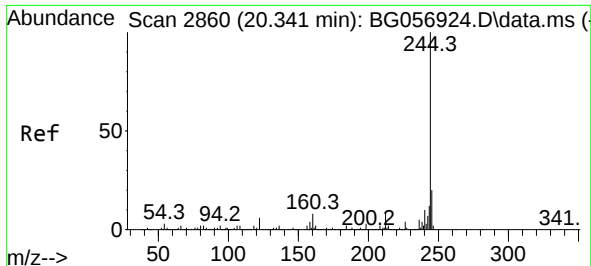
Ion Ratio Lower Upper

240 100

120 6.9 3.8 5.6#

236 26.7 21.0 31.6

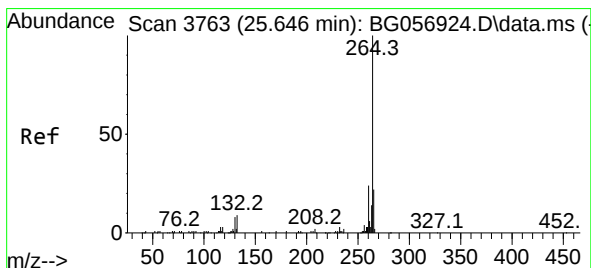
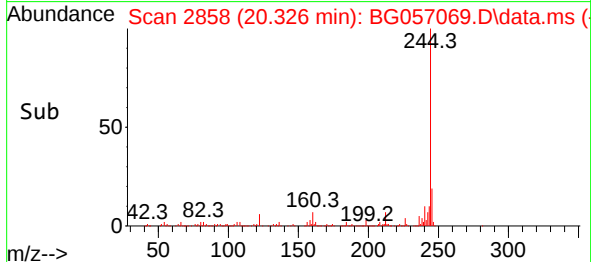
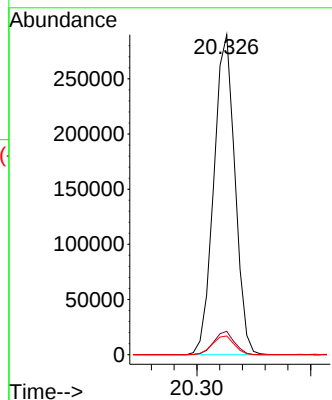
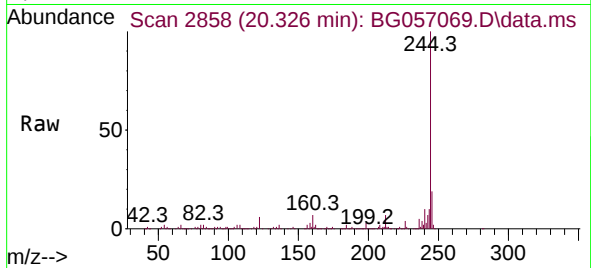




#79
 Terphenyl-d14
 Concen: 65.974 ng
 RT: 20.326 min Scan# 21
 Delta R.T. 0.002 min
 Lab File: BG057069.D
 Acq: 12 Apr 2023 18:37

Instrument :
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 ClientSampleId :
 IDW-SO-G1-041123

Tgt Ion:244 Resp: 374408
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 5.9 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.607 min Scan# 3757
 Delta R.T. -0.004 min
 Lab File: BG057069.D
 Acq: 12 Apr 2023 18:37

Tgt Ion:264 Resp: 104011
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.0 28.4
 265 21.3 17.8 26.6

