

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041224\
 Data File : BG060875.D
 Acq On : 12 Apr 2024 15:38
 Operator : MA/JU
 Sample : P2070-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-2

Quant Time: Apr 12 16:33:40 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 30 03:12:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.952	152	57210	20.000	ng	0.00
21) Naphthalene-d8	10.749	136	210860	20.000	ng	0.00
39) Acenaphthene-d10	14.579	164	163868	20.000	ng	0.00
64) Phenanthrene-d10	17.329	188	388237	20.000	ng	0.00
76) Chrysene-d12	21.589	240	376652	20.000	ng	-0.02
86) Perylene-d12	24.726	264	427791	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.537	112	416220	121.198	ng	0.00
7) Phenol-d6	7.118	99	503879	98.845	ng	0.00
23) Nitrobenzene-d5	9.103	82	404433	109.445	ng	0.00
42) 2,4,6-Tribromophenol	16.072	330	345509	185.741	ng	0.00
45) 2-Fluorobiphenyl	13.205	172	966182	86.533	ng	-0.02
79) Terphenyl-d14	19.955	244	1852445	86.601	ng	0.00

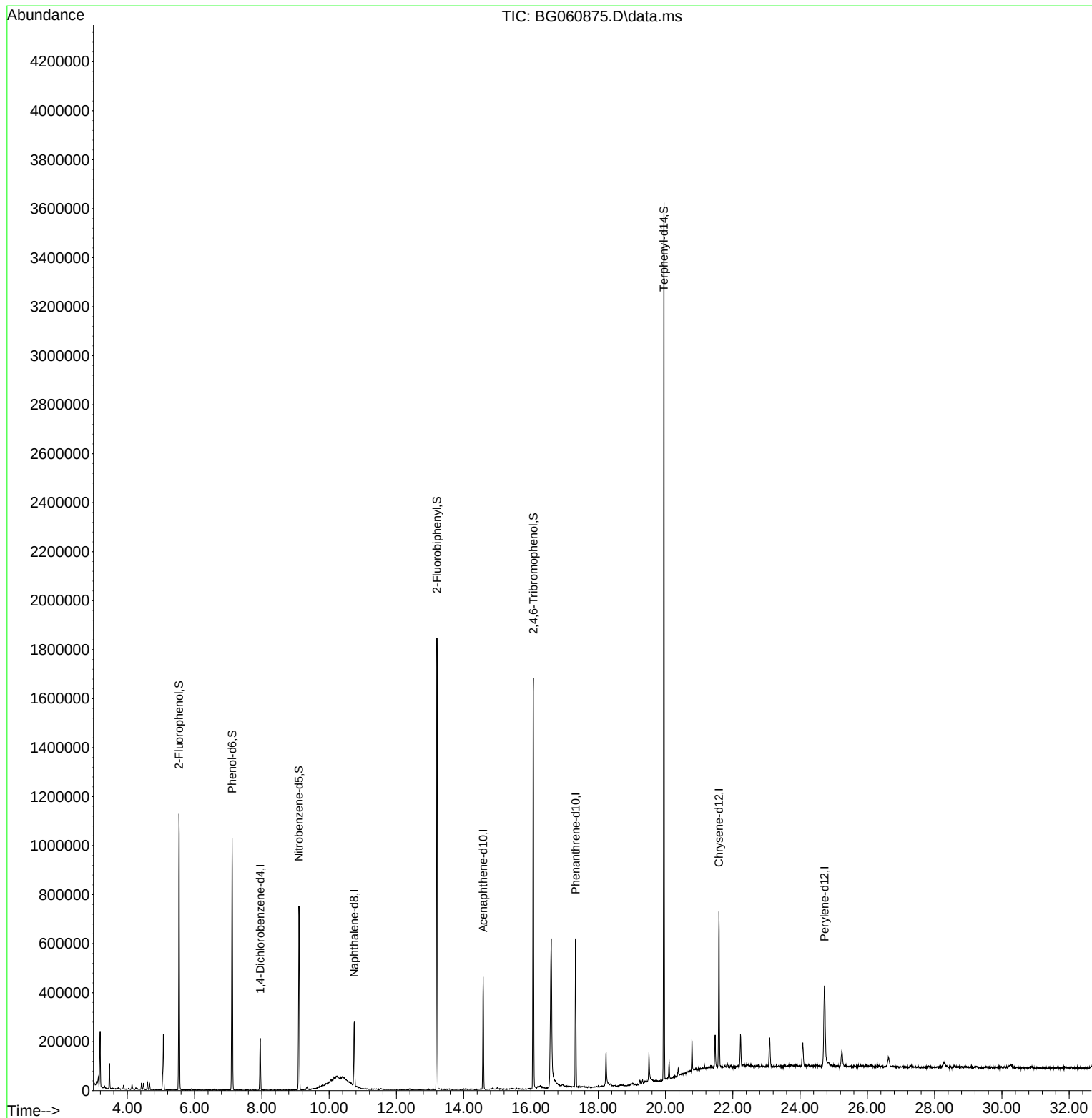
Target Compounds	Qvalue

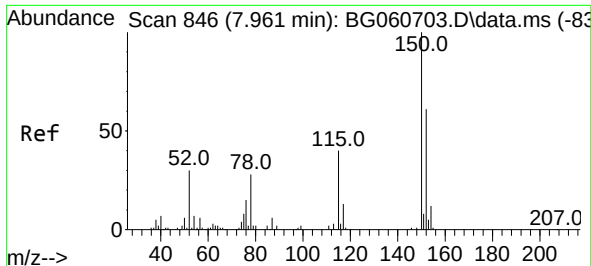
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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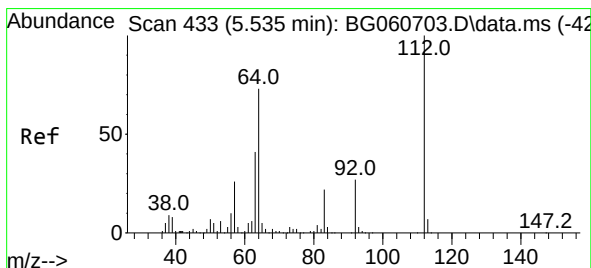
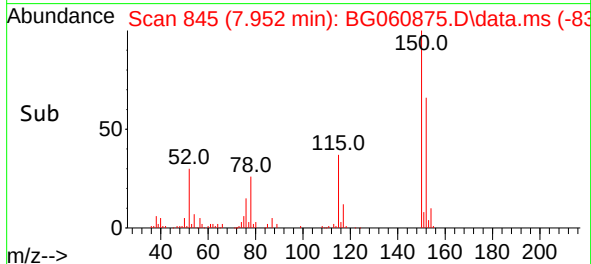
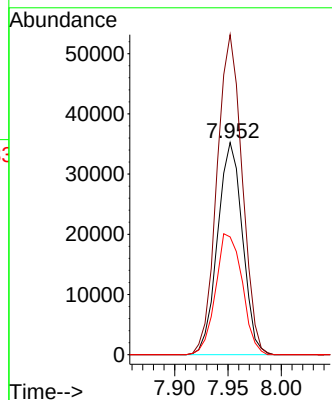
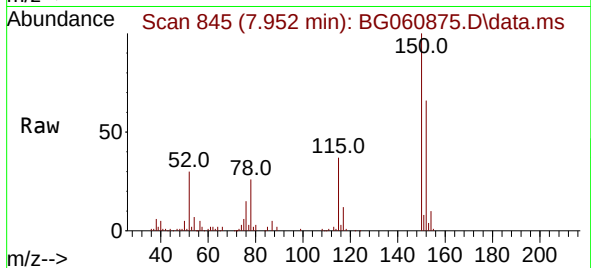




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.952 min Scan# 846
Delta R.T. -0.009 min
Lab File: BG060875.D
Acq: 12 Apr 2024 15:38

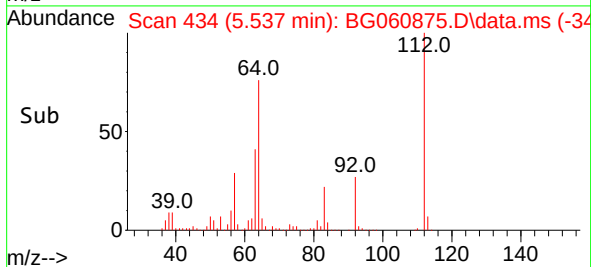
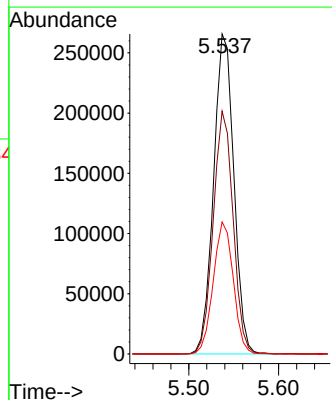
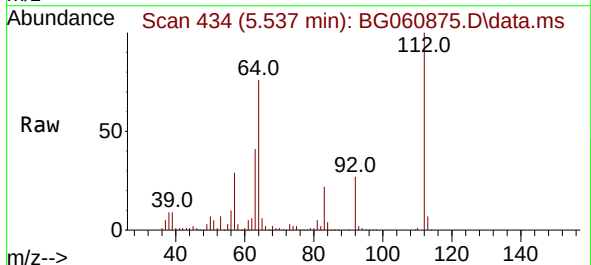
Instrument :
BNA_G
ClientSampleId :
TP-2

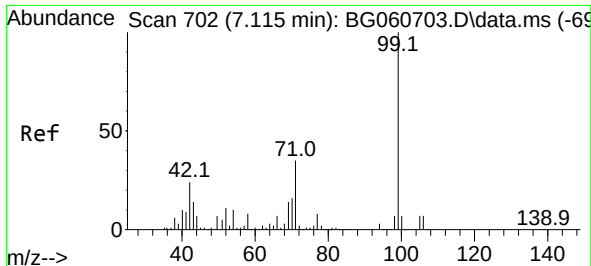
Tgt Ion:152 Resp: 57210
Ion Ratio Lower Upper
152 100
150 150.8 130.2 195.4
115 55.5 51.6 77.4



#5
2-Fluorophenol
Concen: 121.198 ng
RT: 5.537 min Scan# 434
Delta R.T. 0.002 min
Lab File: BG060875.D
Acq: 12 Apr 2024 15:38

Tgt Ion:112 Resp: 416220
Ion Ratio Lower Upper
112 100
64 75.9 58.4 87.6
63 41.3 32.7 49.1

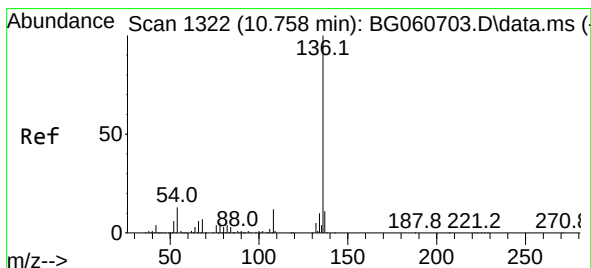
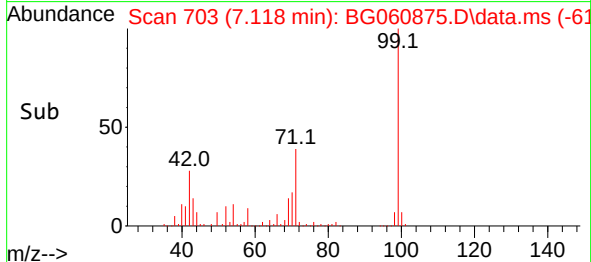
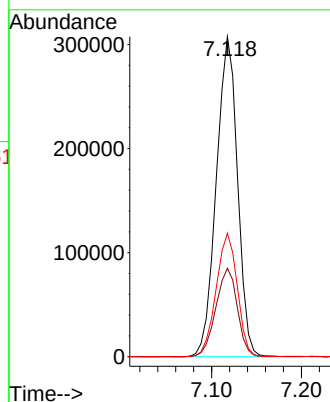
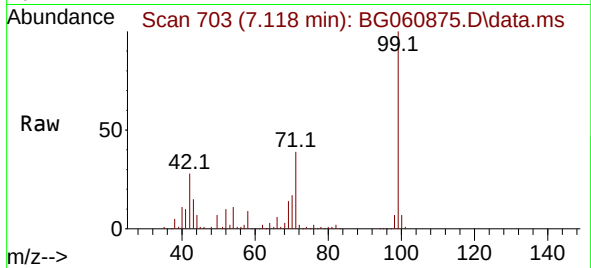




#7
Phenol-d6
Concen: 98.845 ng
RT: 7.118 min Scan# 702
Delta R.T. 0.002 min
Lab File: BG060875.D
Acq: 12 Apr 2024 15:38

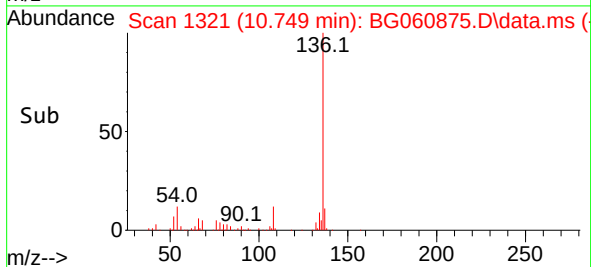
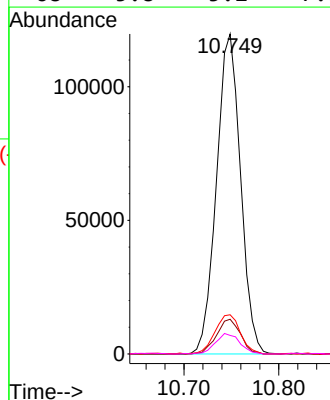
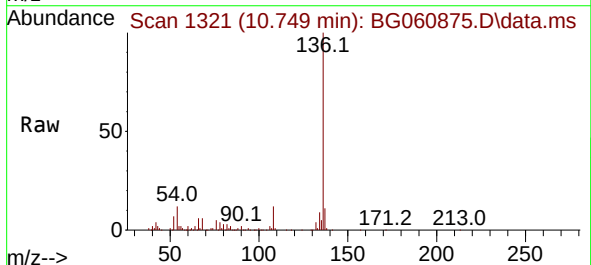
Instrument :
BNA_G
ClientSampleId :
TP-2

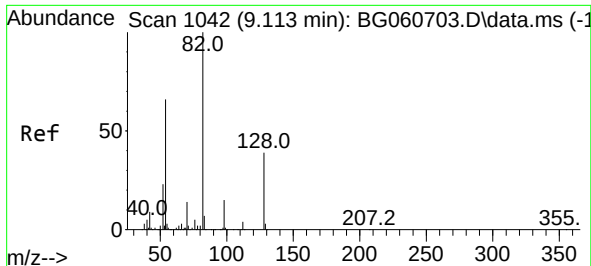
Tgt Ion: 99 Resp: 503879
Ion Ratio Lower Upper
99 100
42 27.6 19.4 29.2
71 38.6 28.2 42.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.749 min Scan# 1321
Delta R.T. -0.009 min
Lab File: BG060875.D
Acq: 12 Apr 2024 15:38

Tgt Ion:136 Resp: 210860
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 12.2 10.2 15.2
68 5.8 5.2 7.8





#23

Nitrobenzene-d5

Concen: 109.445 ng

RT: 9.103 min Scan# 1

Delta R.T. -0.010 min

Lab File: BG060875.D

Acq: 12 Apr 2024 15:38

Instrument :

BNA_G

ClientSampleId :

TP-2

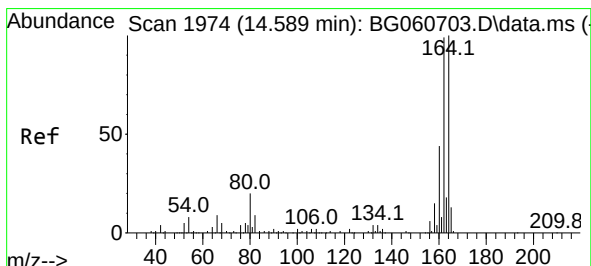
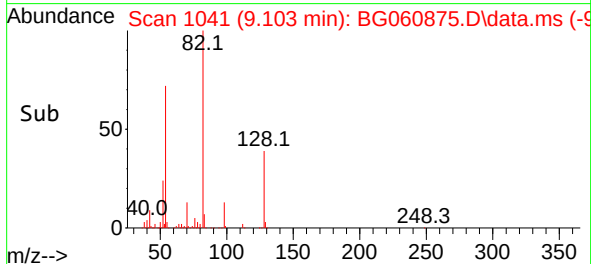
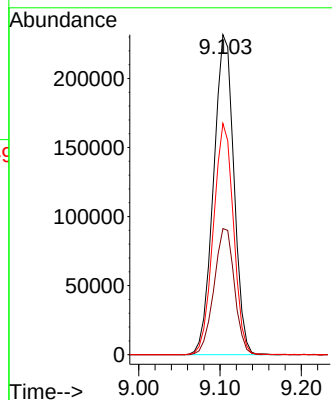
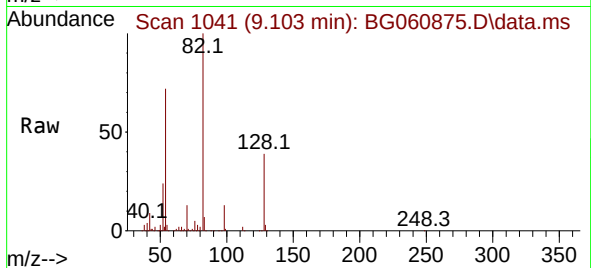
Tgt Ion: 82 Resp: 404433

Ion Ratio Lower Upper

82 100

128 39.4 31.2 46.8

54 72.3 53.2 79.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.579 min Scan# 1973

Delta R.T. -0.010 min

Lab File: BG060875.D

Acq: 12 Apr 2024 15:38

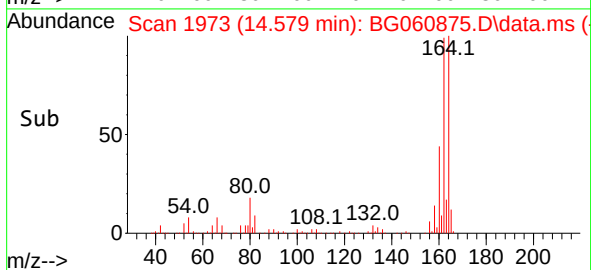
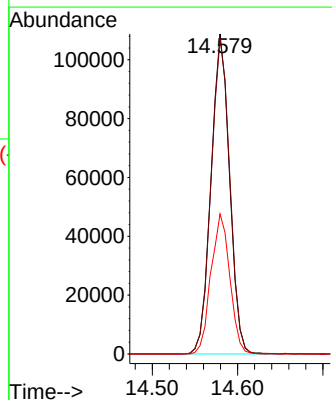
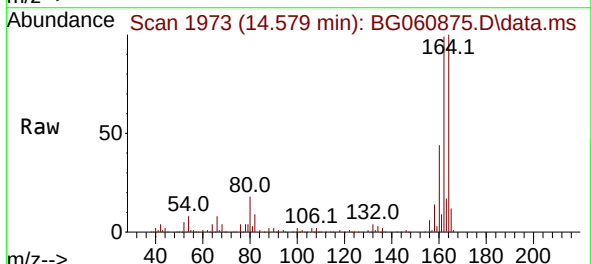
Tgt Ion:164 Resp: 163868

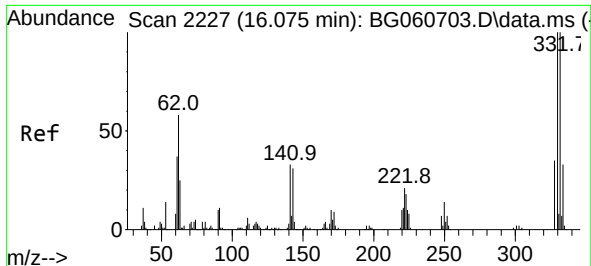
Ion Ratio Lower Upper

164 100

162 98.6 79.5 119.3

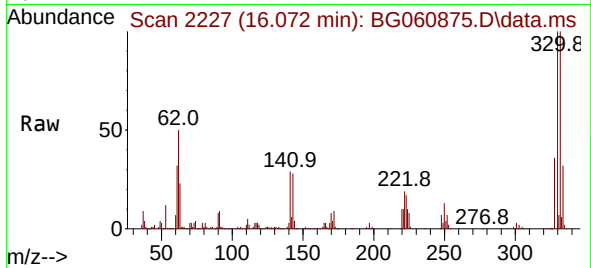
160 43.8 35.4 53.0



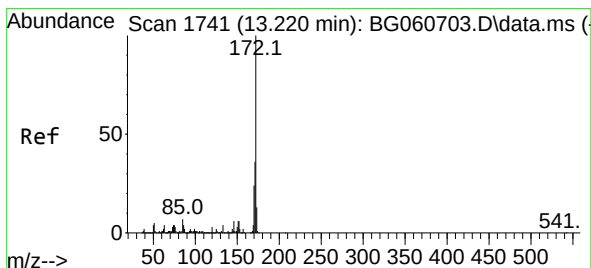
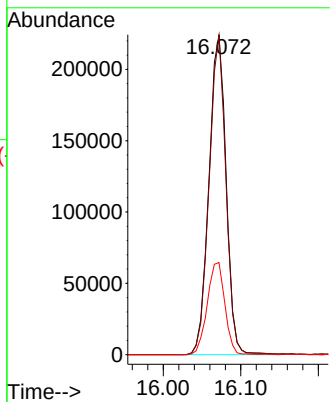
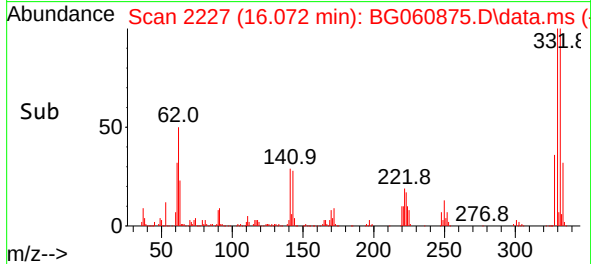


#42
2,4,6-Tribromophenol
Concen: 185.741 ng
RT: 16.072 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG060875.D
Acq: 12 Apr 2024 15:38

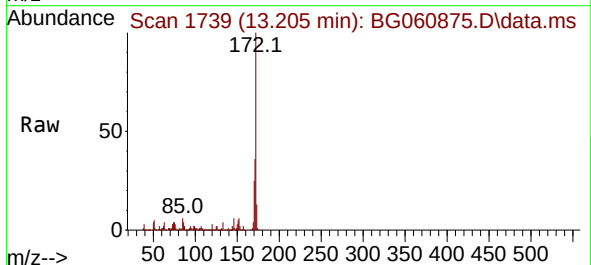
Instrument :
BNA_G
ClientSampleId :
TP-2



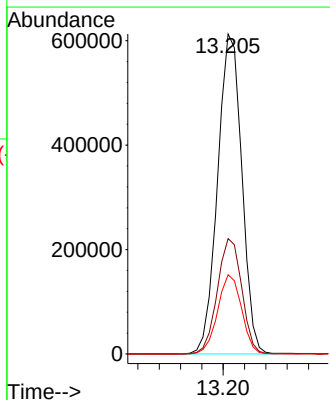
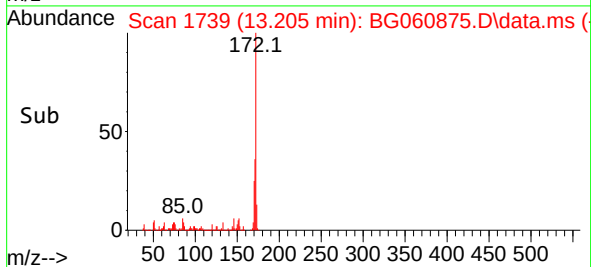
Tgt Ion:330 Resp: 345509
Ion Ratio Lower Upper
330 100
332 97.2 78.2 117.4
141 29.5 27.0 40.6

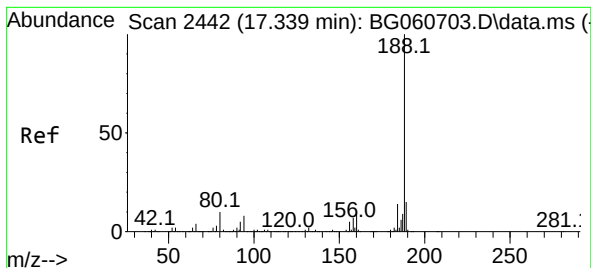


#45
2-Fluorobiphenyl
Concen: 86.533 ng
RT: 13.205 min Scan# 1739
Delta R.T. -0.015 min
Lab File: BG060875.D
Acq: 12 Apr 2024 15:38



Tgt Ion:172 Resp: 966182
Ion Ratio Lower Upper
172 100
171 36.0 28.7 43.1
170 24.8 19.4 29.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.329 min Scan# 2442

Delta R.T. -0.010 min

Lab File: BG060875.D

Acq: 12 Apr 2024 15:38

Instrument :

BNA_G

ClientSampleId :

TP-2

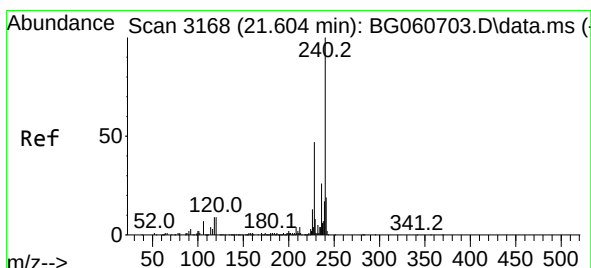
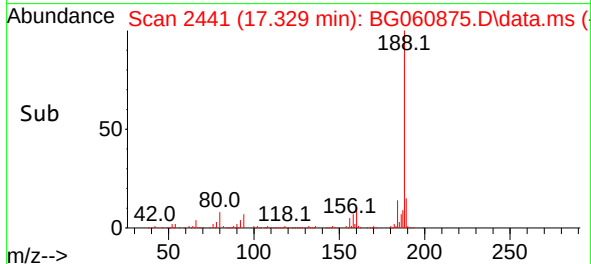
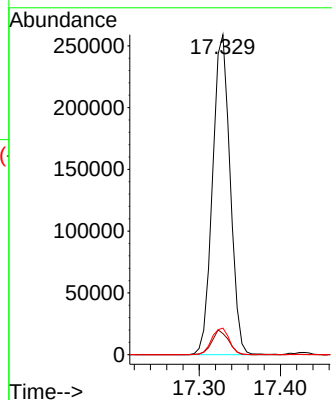
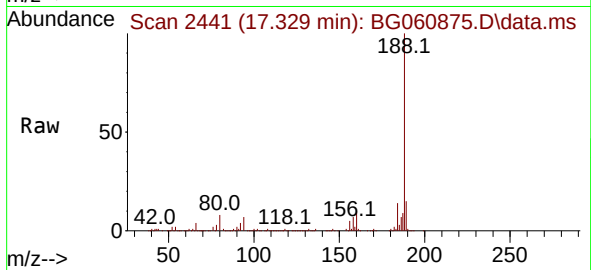
Tgt Ion:188 Resp: 388237

Ion Ratio Lower Upper

188 100

94 6.6 6.6 9.8

80 8.3 7.6 11.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.589 min Scan# 3166

Delta R.T. -0.015 min

Lab File: BG060875.D

Acq: 12 Apr 2024 15:38

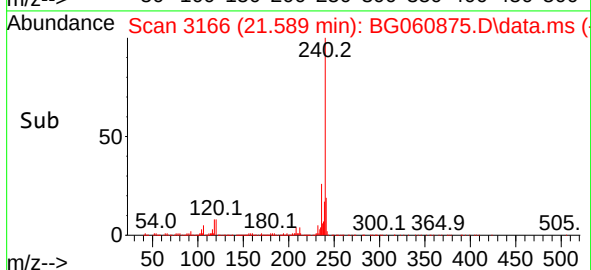
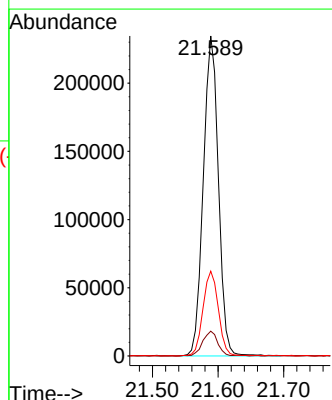
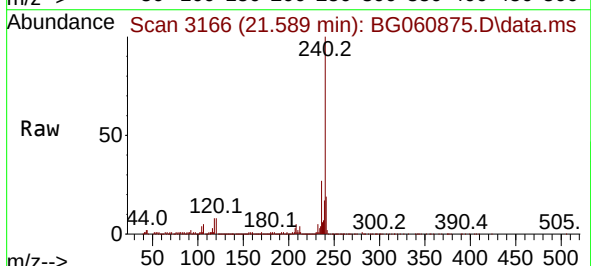
Tgt Ion:240 Resp: 376652

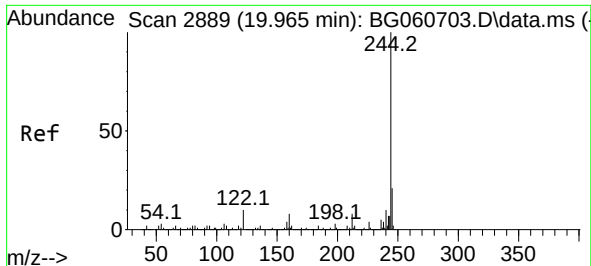
Ion Ratio Lower Upper

240 100

120 7.8 7.1 10.7

236 26.5 20.7 31.1

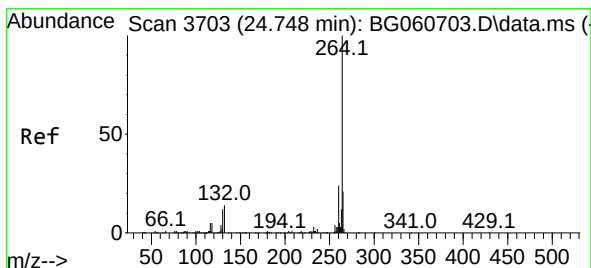
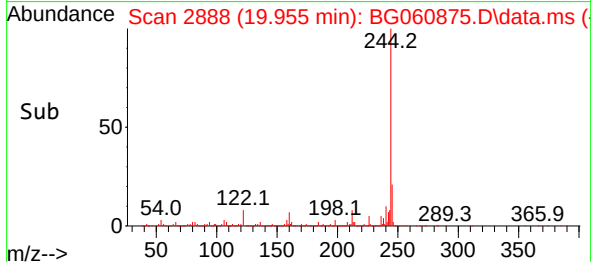
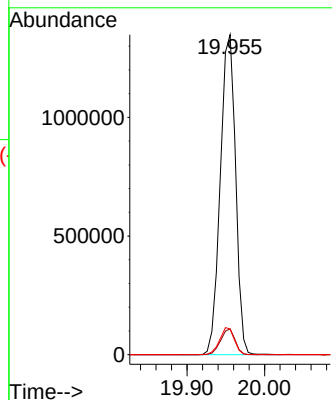
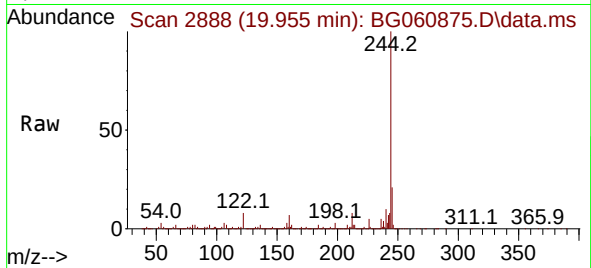




#79
 Terphenyl-d14
 Concen: 86.601 ng
 RT: 19.955 min Scan# 21
 Delta R.T. -0.010 min
 Lab File: BG060875.D
 Acq: 12 Apr 2024 15:38

Instrument :
 BNA_G
 ClientSampleId :
 TP-2

Tgt Ion:244 Resp: 1852445
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.2 9.2
 122 8.0 7.8 11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.726 min Scan# 3700
 Delta R.T. -0.021 min
 Lab File: BG060875.D
 Acq: 12 Apr 2024 15:38

Tgt Ion:264 Resp: 427791
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.5 29.3
 265 20.2 16.9 25.3

