

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040624\
 Data File : BG060814.D
 Acq On : 6 Apr 2024 16:54
 Operator : MA/JU
 Sample : P1996-09
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP3

Quant Time: Apr 08 02:08:19 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	7.953	152	67792	20.000	ng	0.00
21) Naphthalene-d8	10.750	136	256132	20.000	ng	0.00
39) Acenaphthene-d10	14.581	164	187473	20.000	ng	0.00
64) Phenanthrene-d10	17.325	188	437424	20.000	ng	-0.01
76) Chrysene-d12	21.590	240	434925	20.000	ng	-0.01
86) Perylene-d12	24.728	264	502746	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.544	112	494075	121.412	ng	0.00
7) Phenol-d6	7.119	99	636353	105.346	ng	0.00
23) Nitrobenzene-d5	9.105	82	481820	107.341	ng	0.00
42) 2,4,6-Tribromophenol	16.067	330	376871	177.091	ng	0.00
45) 2-Fluorobiphenyl	13.206	172	1146872	89.783	ng	-0.01
79) Terphenyl-d14	19.957	244	2169273	87.825	ng	0.00

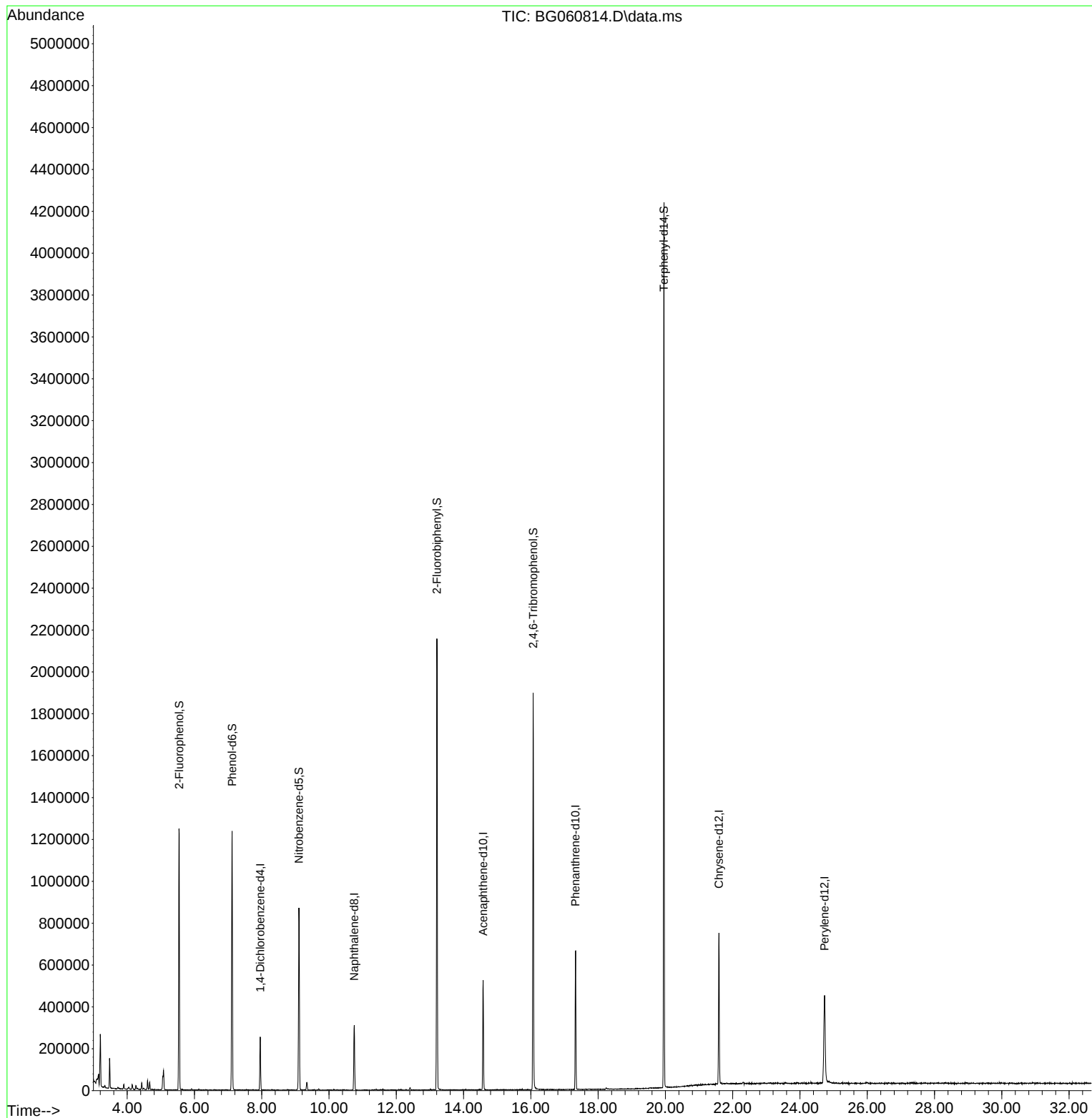
Target Compounds	Qvalue

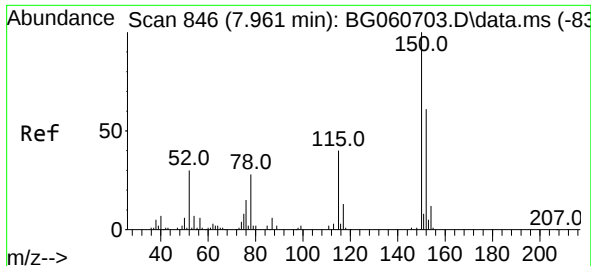
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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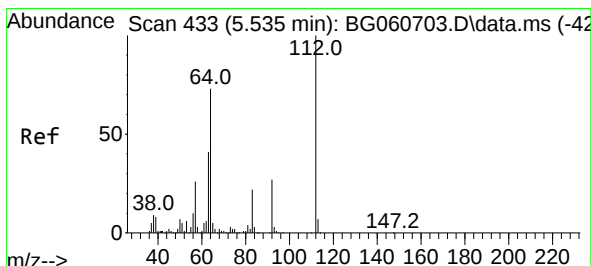
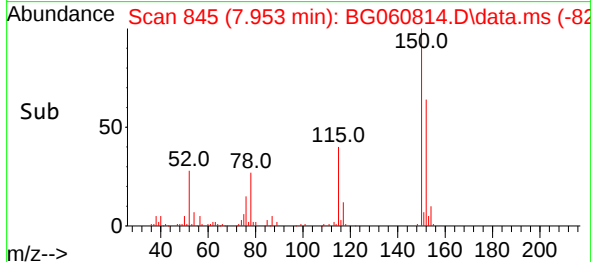
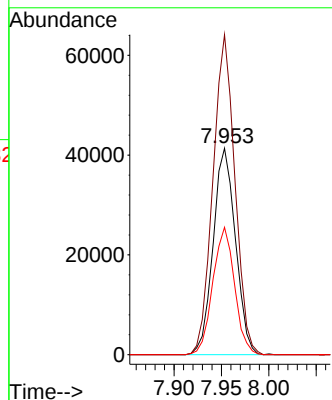
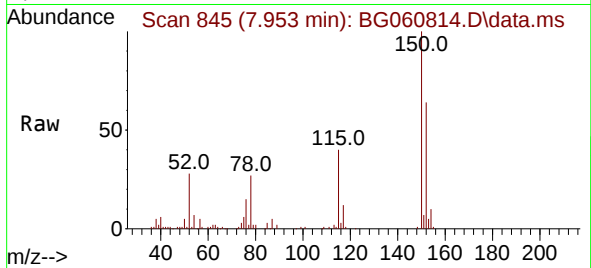




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.953 min Scan# 846
Delta R.T. -0.008 min
Lab File: BG060814.D
Acq: 6 Apr 2024 16:54

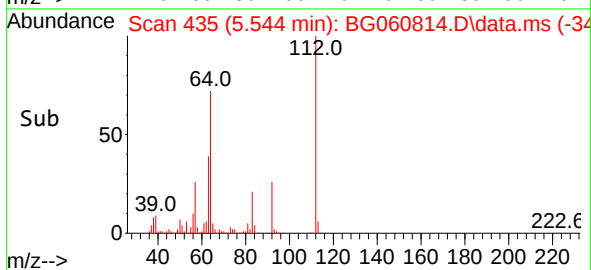
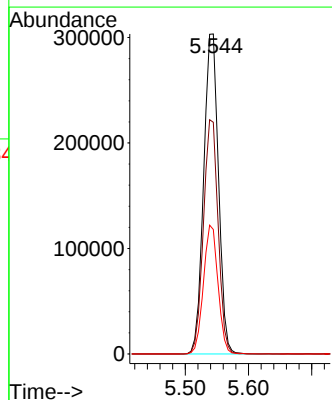
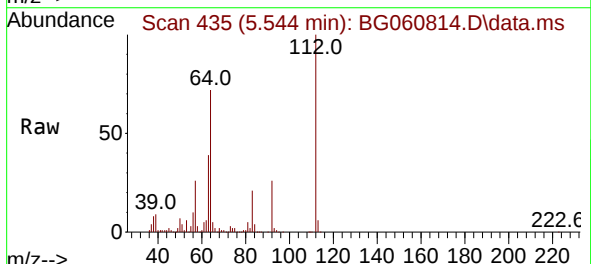
Instrument :
BNA_G
ClientSampleId :
TP3

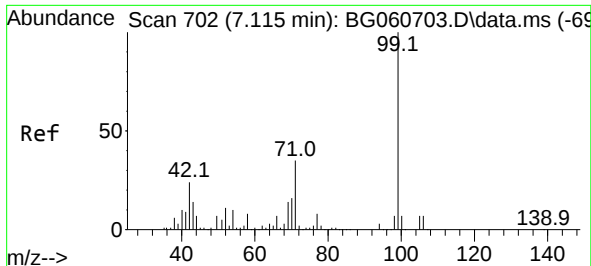
Tgt Ion:152 Resp: 67792
Ion Ratio Lower Upper
152 100
150 155.1 130.2 195.4
115 61.7 51.6 77.4



#5
2-Fluorophenol
Concen: 121.412 ng
RT: 5.544 min Scan# 435
Delta R.T. 0.009 min
Lab File: BG060814.D
Acq: 6 Apr 2024 16:54

Tgt Ion:112 Resp: 494075
Ion Ratio Lower Upper
112 100
64 72.4 58.4 87.6
63 38.9 32.7 49.1

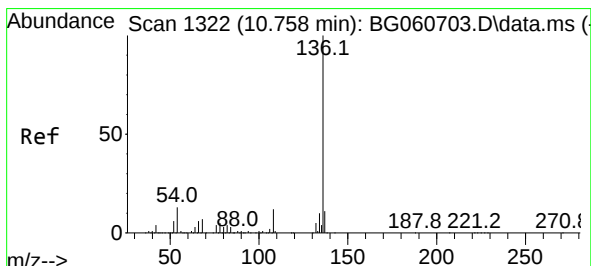
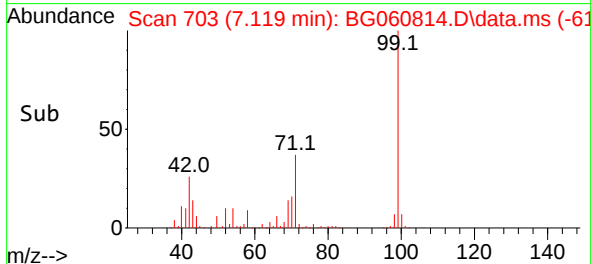
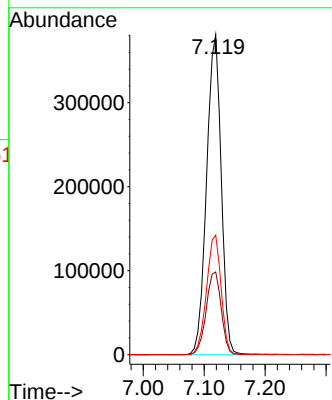
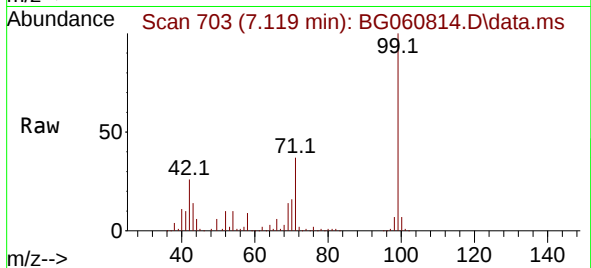




#7
Phenol-d6
Concen: 105.346 ng
RT: 7.119 min Scan# 702
Delta R.T. 0.004 min
Lab File: BG060814.D
Acq: 6 Apr 2024 16:54

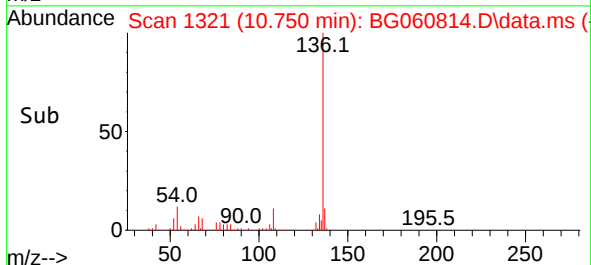
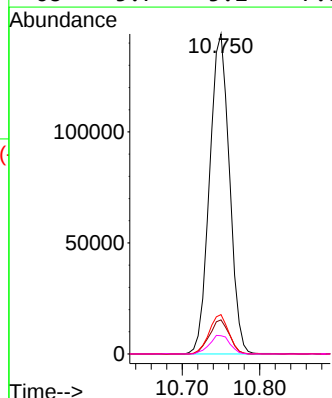
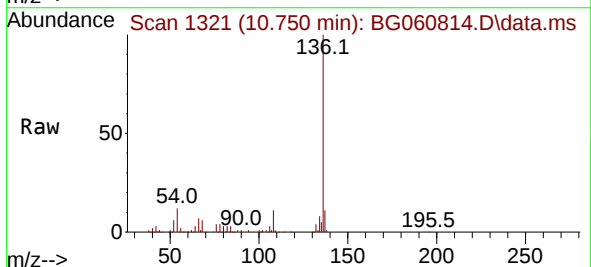
Instrument :
BNA_G
ClientSampleId :
TP3

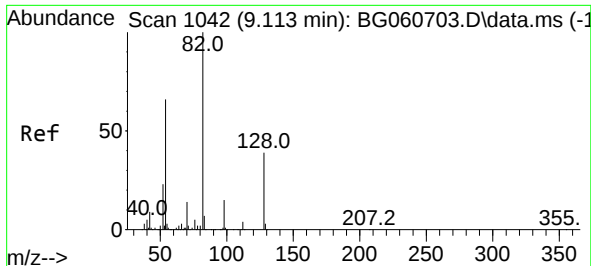
Tgt Ion: 99 Resp: 636353
Ion Ratio Lower Upper
99 100
42 25.8 19.4 29.2
71 37.4 28.2 42.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.750 min Scan# 1321
Delta R.T. -0.008 min
Lab File: BG060814.D
Acq: 6 Apr 2024 16:54

Tgt Ion:136 Resp: 256132
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 12.3 10.2 15.2
68 5.7 5.2 7.8





#23

Nitrobenzene-d5

Concen: 107.341 ng

RT: 9.105 min Scan# 1041

Delta R.T. -0.008 min

Lab File: BG060814.D

Acq: 6 Apr 2024 16:54

Instrument :

BNA_G

ClientSampleId :

TP3

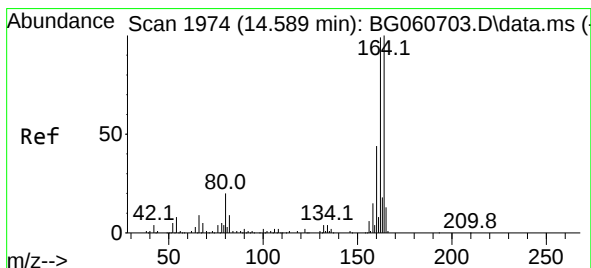
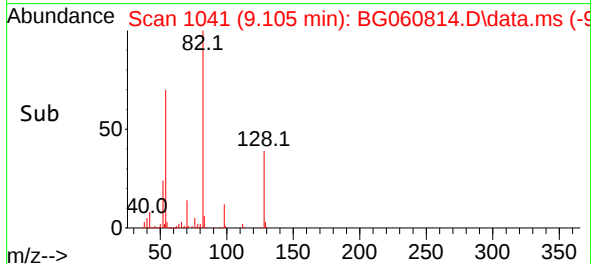
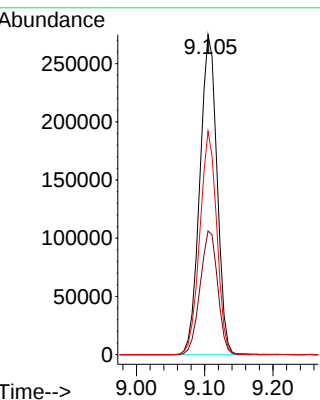
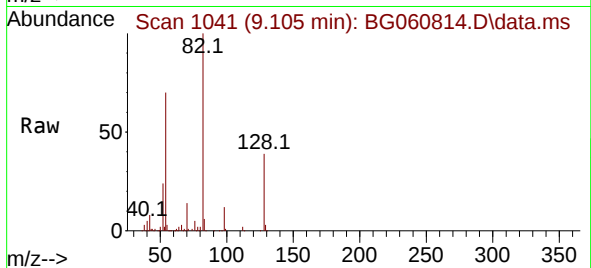
Tgt Ion: 82 Resp: 481820

Ion Ratio Lower Upper

82 100

128 38.6 31.2 46.8

54 69.8 53.2 79.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.581 min Scan# 1973

Delta R.T. -0.008 min

Lab File: BG060814.D

Acq: 6 Apr 2024 16:54

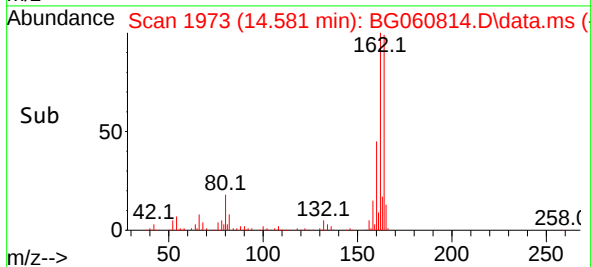
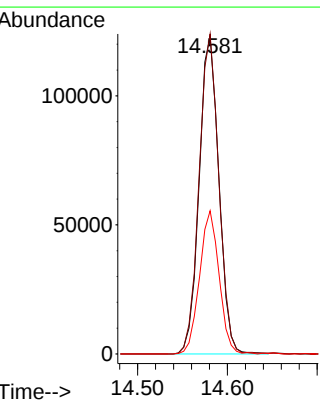
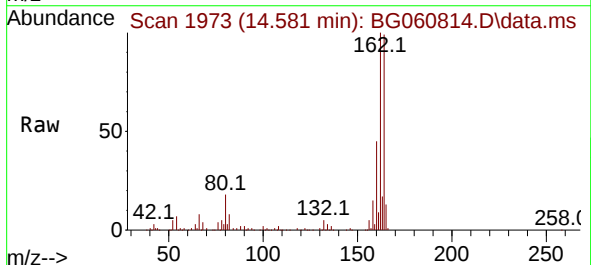
Tgt Ion:164 Resp: 187473

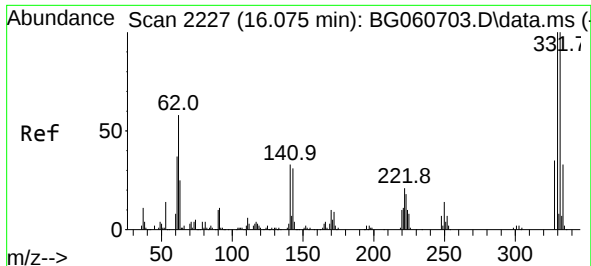
Ion Ratio Lower Upper

164 100

162 100.7 79.5 119.3

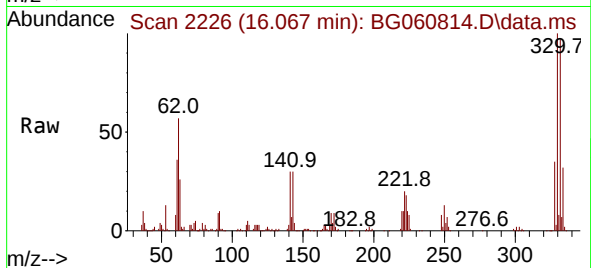
160 45.1 35.4 53.0



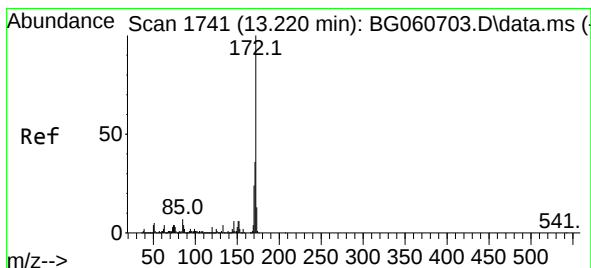
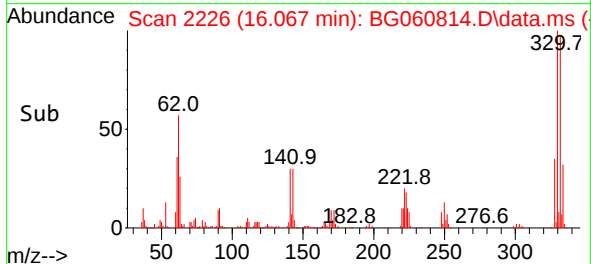
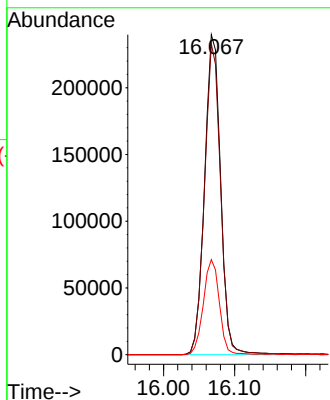


#42
2,4,6-Tribromophenol
Concen: 177.091 ng
RT: 16.067 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG060814.D
Acq: 6 Apr 2024 16:54

Instrument :
BNA_G
ClientSampleId :
TP3

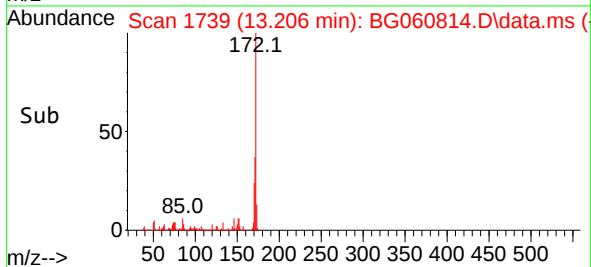
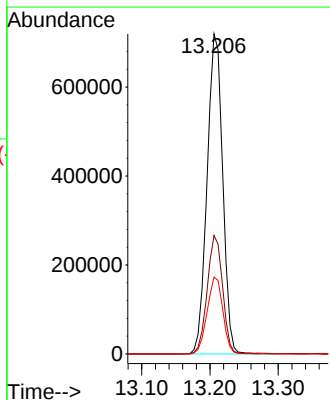
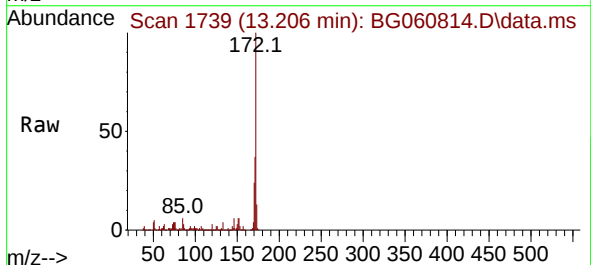


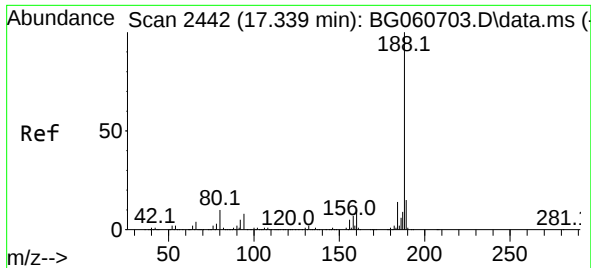
Tgt Ion:330 Resp: 376871
Ion Ratio Lower Upper
330 100
332 97.1 78.2 117.4
141 29.6 27.0 40.6



#45
2-Fluorobiphenyl
Concen: 89.783 ng
RT: 13.206 min Scan# 1739
Delta R.T. -0.014 min
Lab File: BG060814.D
Acq: 6 Apr 2024 16:54

Tgt Ion:172 Resp: 1146872
Ion Ratio Lower Upper
172 100
171 37.0 28.7 43.1
170 24.0 19.4 29.0

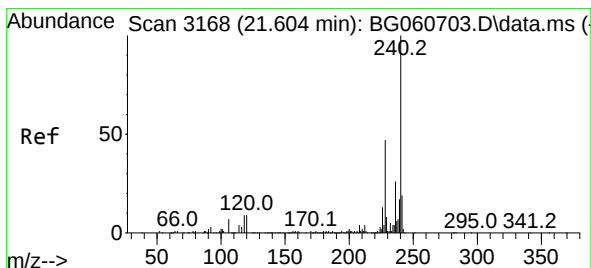
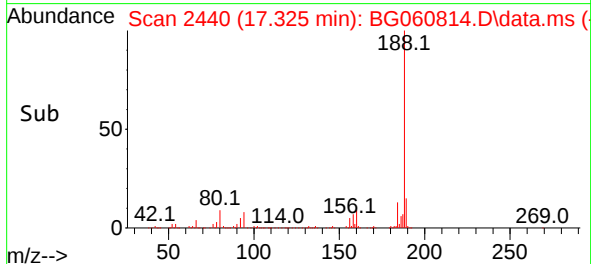
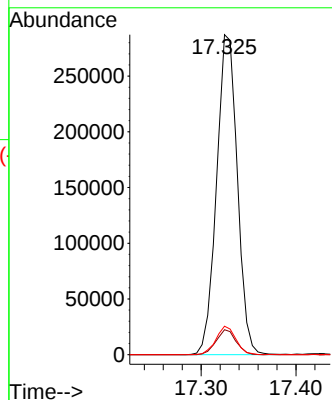
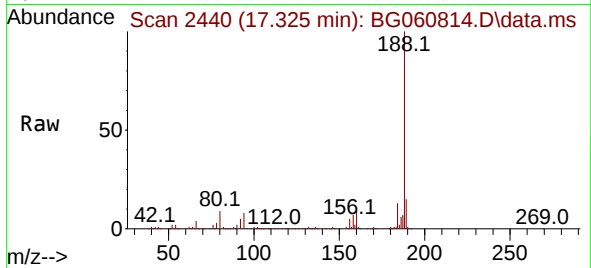




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.325 min Scan# 2442
Delta R.T. -0.014 min
Lab File: BG060814.D
Acq: 6 Apr 2024 16:54

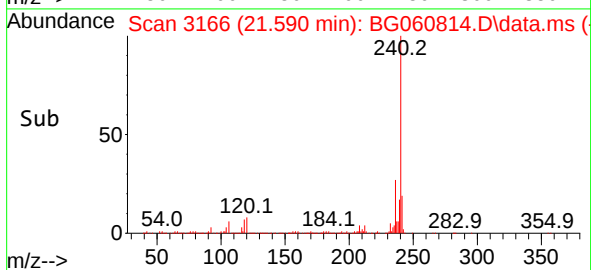
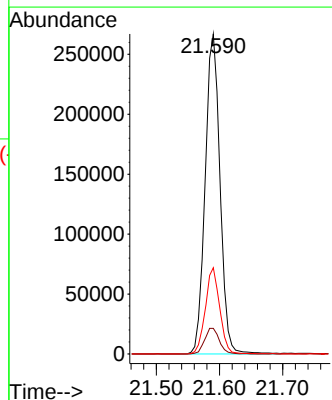
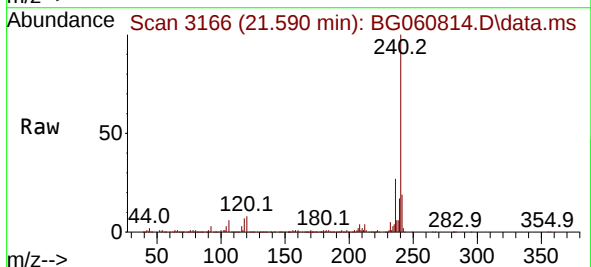
Instrument :
BNA_G
ClientSampleId :
TP3

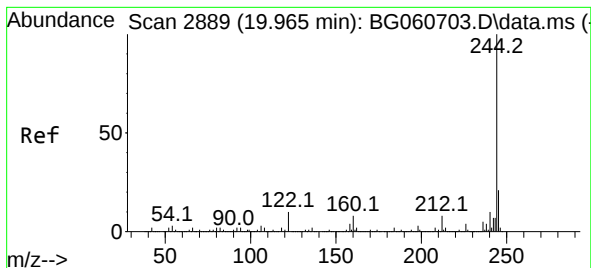
Tgt Ion:188 Resp: 437424
Ion Ratio Lower Upper
188 100
94 7.8 6.6 9.8
80 8.9 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.590 min Scan# 3166
Delta R.T. -0.014 min
Lab File: BG060814.D
Acq: 6 Apr 2024 16:54

Tgt Ion:240 Resp: 434925
Ion Ratio Lower Upper
240 100
120 8.0 7.1 10.7
236 26.9 20.7 31.1





#79

Terphenyl-d14

Concen: 87.825 ng

RT: 19.957 min Scan# 21

Delta R.T. -0.008 min

Lab File: BG060814.D

Acq: 6 Apr 2024 16:54

Instrument :

BNA_G

ClientSampleId :

TP3

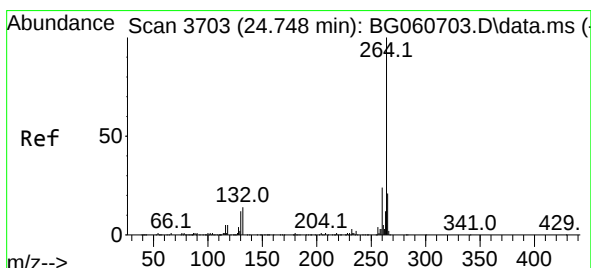
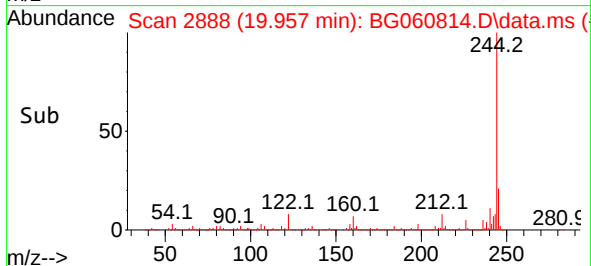
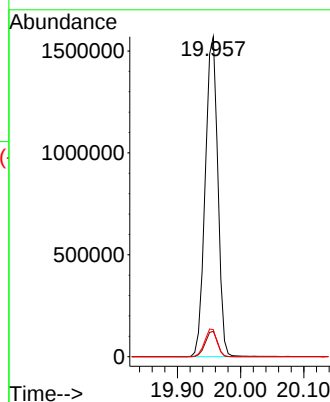
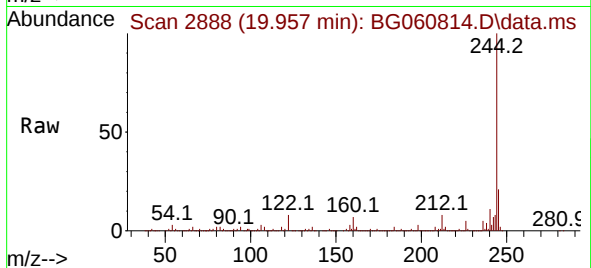
Tgt Ion:244 Resp: 2169273

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

122 8.4 7.8 11.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.728 min Scan# 3700

Delta R.T. -0.020 min

Lab File: BG060814.D

Acq: 6 Apr 2024 16:54

Tgt Ion:264 Resp: 502746

Ion Ratio Lower Upper

264 100

260 23.5 19.5 29.3

265 22.0 16.9 25.3

