

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041224\
 Data File : BG060877.D
 Acq On : 12 Apr 2024 17:00
 Operator : MA/JU
 Sample : P2070-08
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-4

Quant Time: Apr 12 17:39:43 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	7.947	152	58896	20.000	ng	-0.01
21) Naphthalene-d8	10.744	136	226665	20.000	ng	-0.01
39) Acenaphthene-d10	14.581	164	174194	20.000	ng	0.00
64) Phenanthrene-d10	17.325	188	403988	20.000	ng	-0.01
76) Chrysene-d12	21.590	240	381913	20.000	ng	-0.01
86) Perylene-d12	24.728	264	438550	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.538	112	414089	117.126	ng	0.00
7) Phenol-d6	7.119	99	511743	97.514	ng	0.00
23) Nitrobenzene-d5	9.105	82	427015	107.499	ng	0.00
42) 2,4,6-Tribromophenol	16.067	330	350502	177.255	ng	0.00
45) 2-Fluorobiphenyl	13.206	172	1031786	86.931	ng	-0.01
79) Terphenyl-d14	19.951	244	1888454	87.068	ng	-0.01

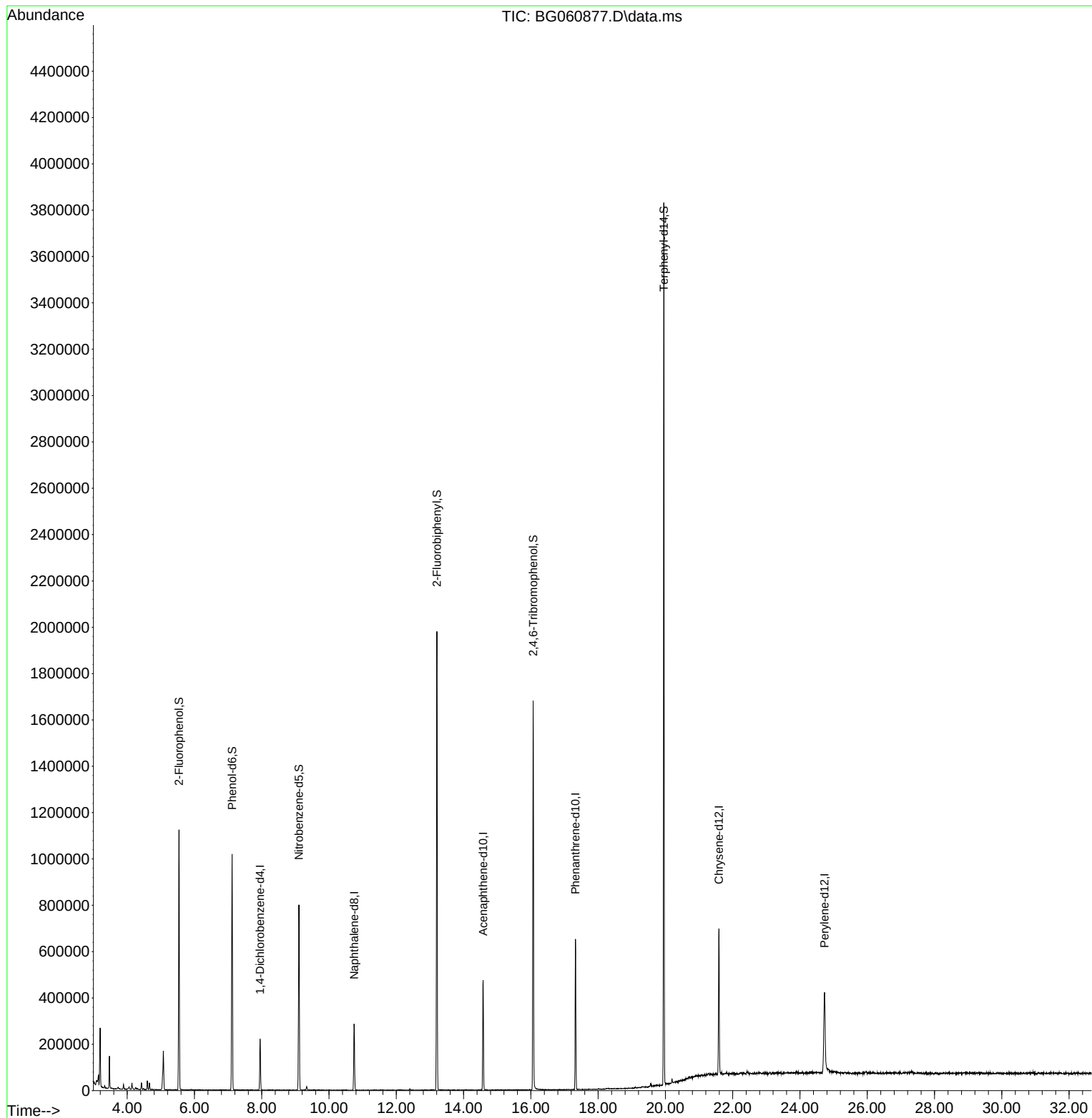
Target Compounds	Qvalue

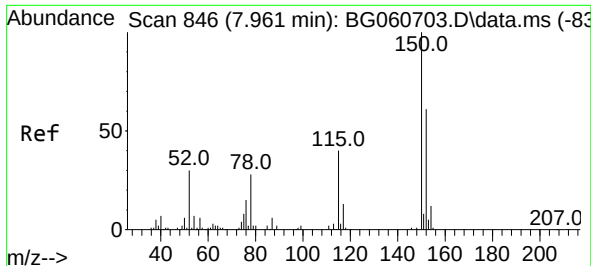
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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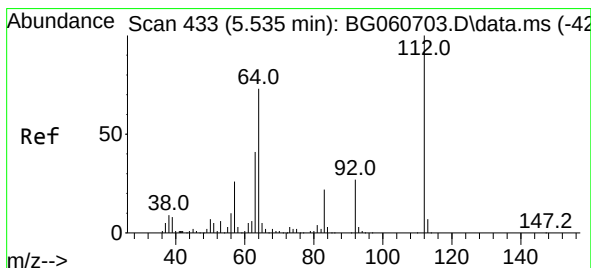
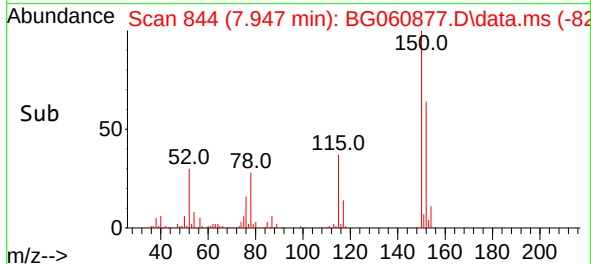
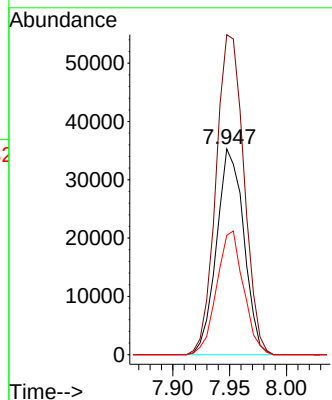
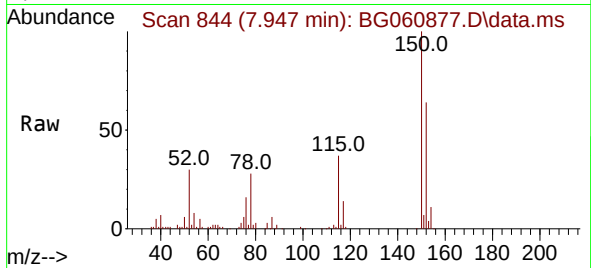




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.947 min Scan# 846
Delta R.T. -0.014 min
Lab File: BG060877.D
Acq: 12 Apr 2024 17:00

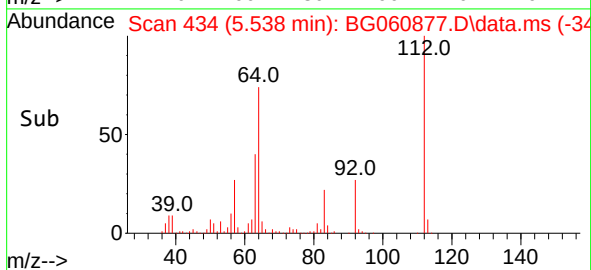
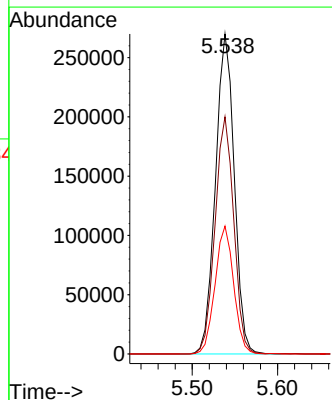
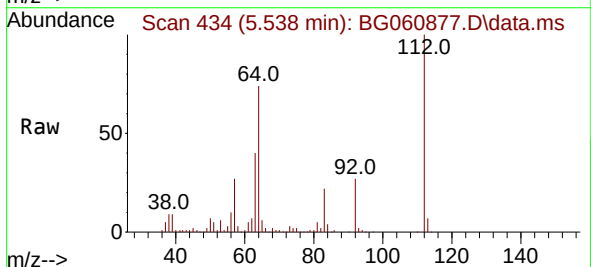
Instrument :
BNA_G
ClientSampleId :
TP-4

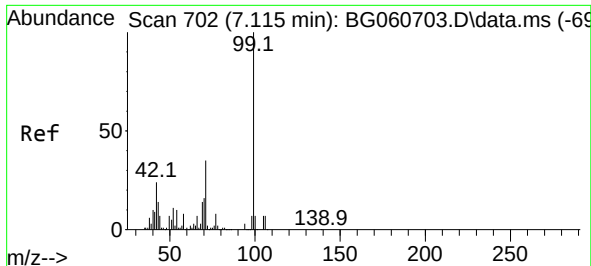
Tgt Ion:152 Resp: 58896
Ion Ratio Lower Upper
152 100
150 155.5 130.2 195.4
115 58.0 51.6 77.4



#5
2-Fluorophenol
Concen: 117.126 ng
RT: 5.538 min Scan# 434
Delta R.T. 0.004 min
Lab File: BG060877.D
Acq: 12 Apr 2024 17:00

Tgt Ion:112 Resp: 414089
Ion Ratio Lower Upper
112 100
64 74.1 58.4 87.6
63 39.9 32.7 49.1

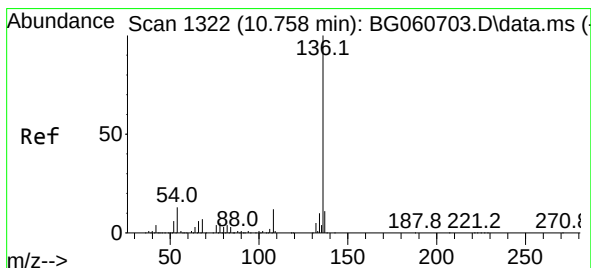
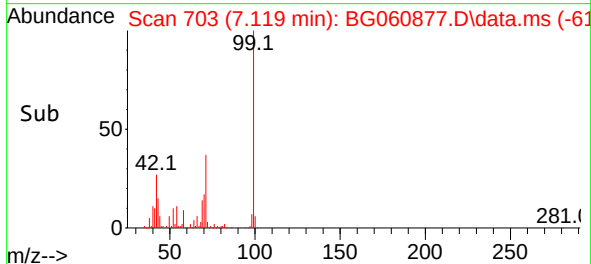
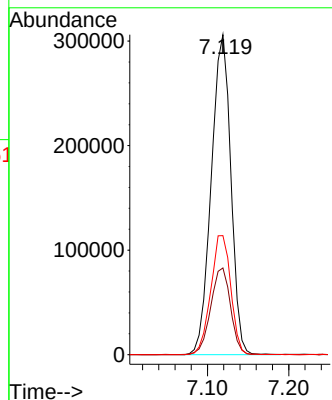
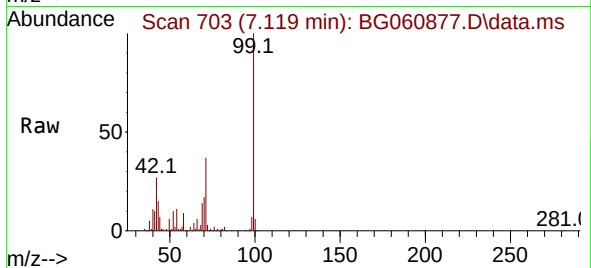




#7
Phenol-d6
Concen: 97.514 ng
RT: 7.119 min Scan# 702
Delta R.T. 0.004 min
Lab File: BG060877.D
Acq: 12 Apr 2024 17:00

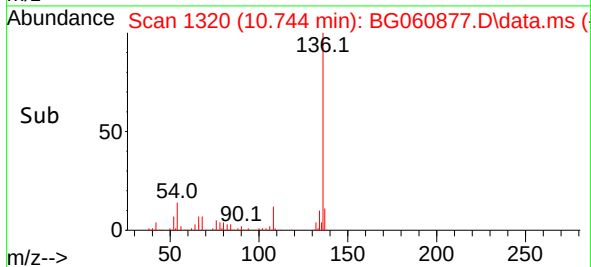
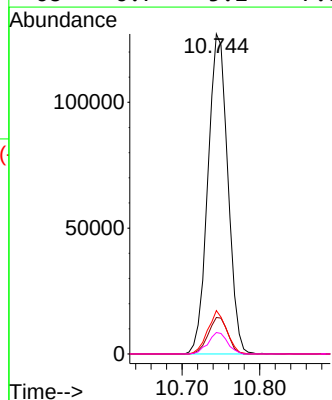
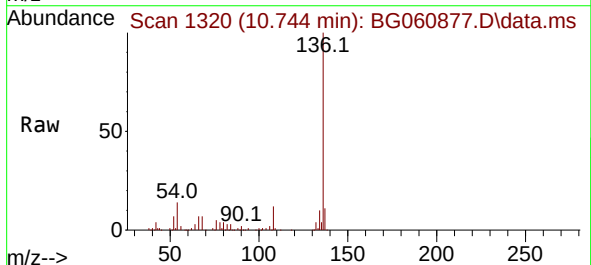
Instrument :
BNA_G
ClientSampleId :
TP-4

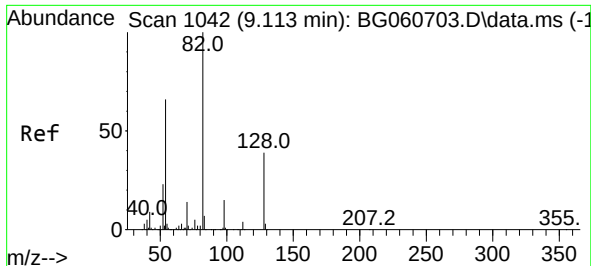
Tgt Ion: 99 Resp: 511743
Ion Ratio Lower Upper
99 100
42 27.1 19.4 29.2
71 37.2 28.2 42.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.744 min Scan# 1320
Delta R.T. -0.014 min
Lab File: BG060877.D
Acq: 12 Apr 2024 17:00

Tgt Ion: 136 Resp: 226665
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 13.5 10.2 15.2
68 6.7 5.2 7.8

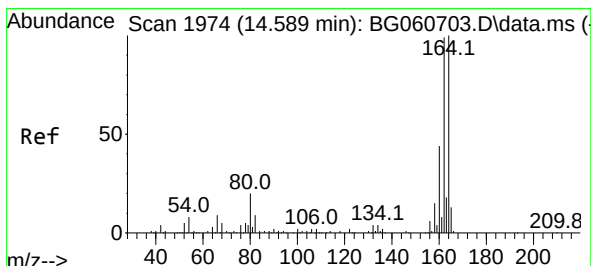
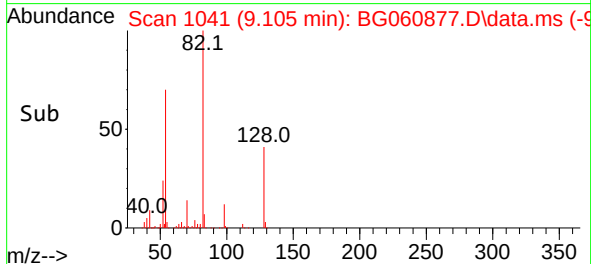
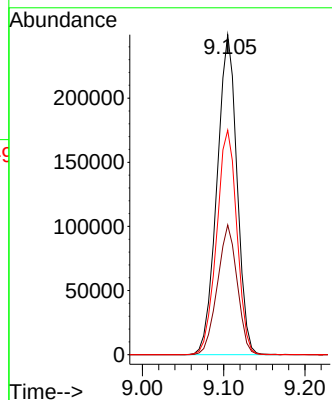
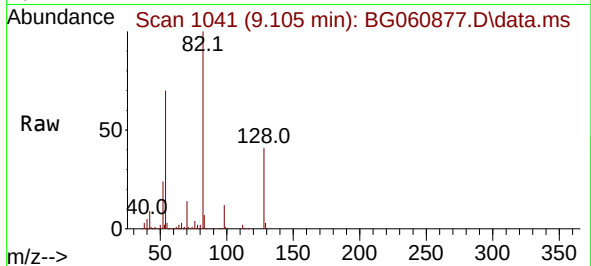




#23
Nitrobenzene-d5
Concen: 107.499 ng
RT: 9.105 min Scan# 1041
Delta R.T. -0.008 min
Lab File: BG060877.D
Acq: 12 Apr 2024 17:00

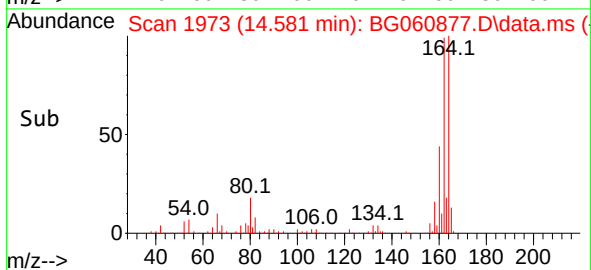
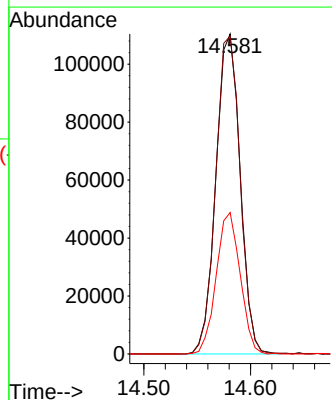
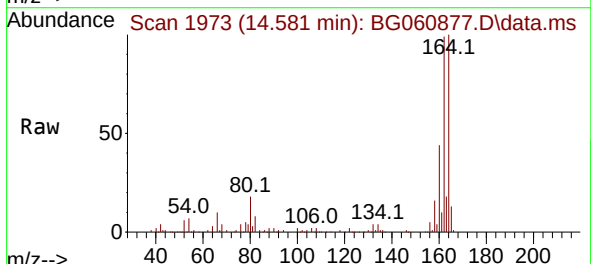
Instrument :
BNA_G
ClientSampleId :
TP-4

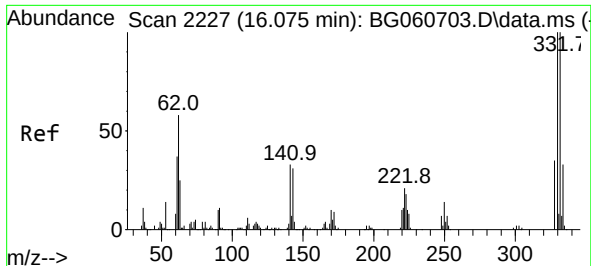
Tgt Ion: 82 Resp: 427015
Ion Ratio Lower Upper
82 100
128 40.6 31.2 46.8
54 70.2 53.2 79.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.581 min Scan# 1973
Delta R.T. -0.008 min
Lab File: BG060877.D
Acq: 12 Apr 2024 17:00

Tgt Ion:164 Resp: 174194
Ion Ratio Lower Upper
164 100
162 99.4 79.5 119.3
160 44.2 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 177.255 ng

RT: 16.067 min Scan# 21

Delta R.T. -0.008 min

Lab File: BG060877.D

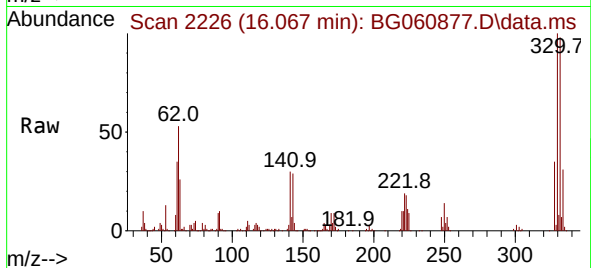
Acq: 12 Apr 2024 17:00

Instrument :

BNA_G

ClientSampleId :

TP-4



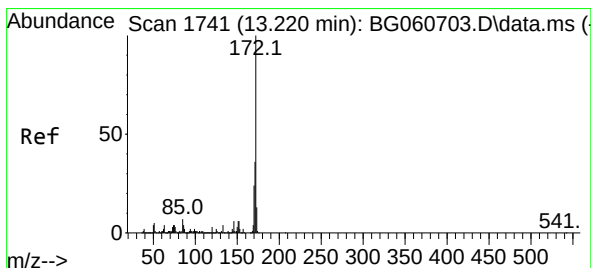
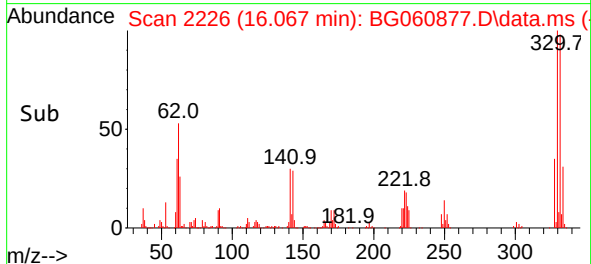
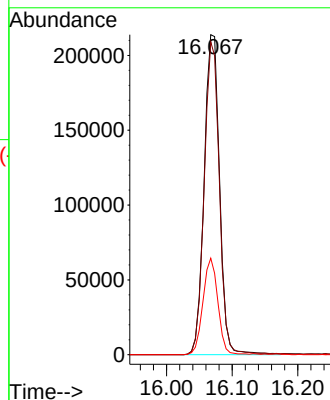
Tgt Ion:330 Resp: 350502

Ion Ratio Lower Upper

330 100

332 95.9 78.2 117.4

141 29.0 27.0 40.6



#45

2-Fluorobiphenyl

Concen: 86.931 ng

RT: 13.206 min Scan# 1739

Delta R.T. -0.014 min

Lab File: BG060877.D

Acq: 12 Apr 2024 17:00

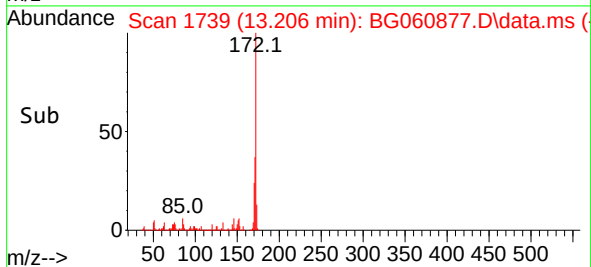
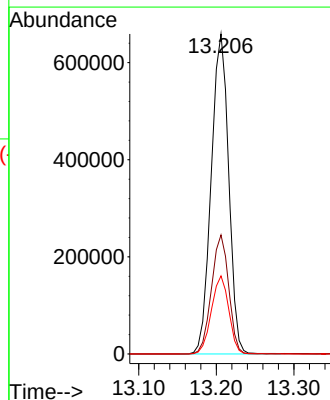
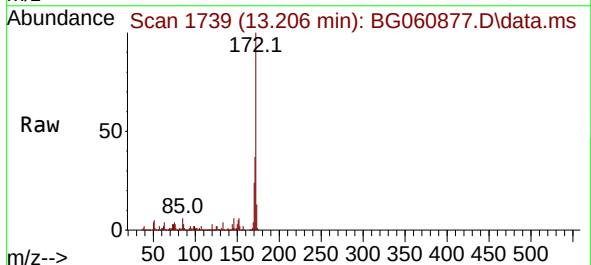
Tgt Ion:172 Resp: 1031786

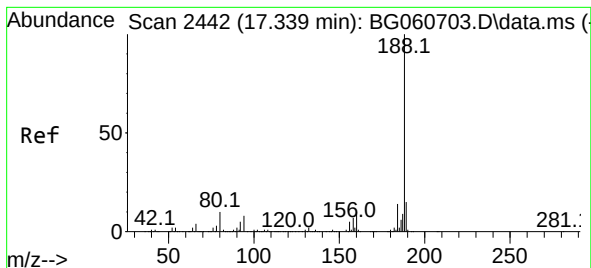
Ion Ratio Lower Upper

172 100

171 37.2 28.7 43.1

170 24.4 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: BG060877.D

Acq: 12 Apr 2024 17:00

Instrument :

BNA_G

ClientSampleId :

TP-4

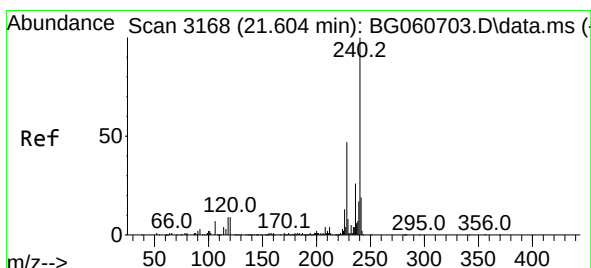
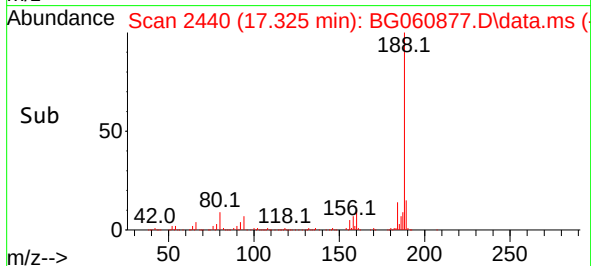
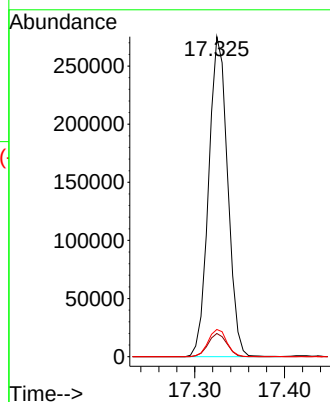
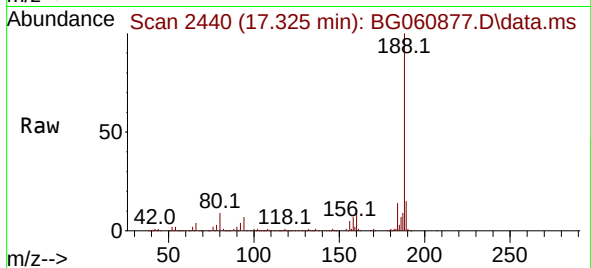
Tgt Ion:188 Resp: 403988

Ion Ratio Lower Upper

188 100

94 7.2 6.6 9.8

80 8.5 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: BG060877.D

Acq: 12 Apr 2024 17:00

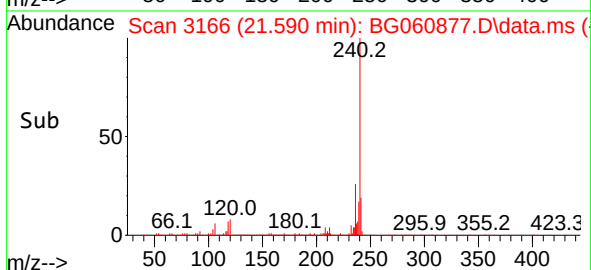
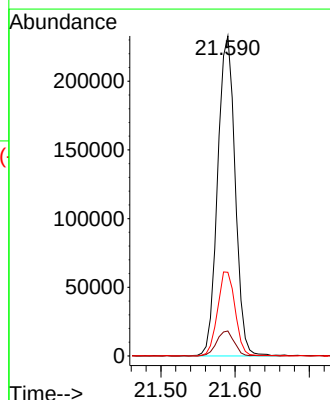
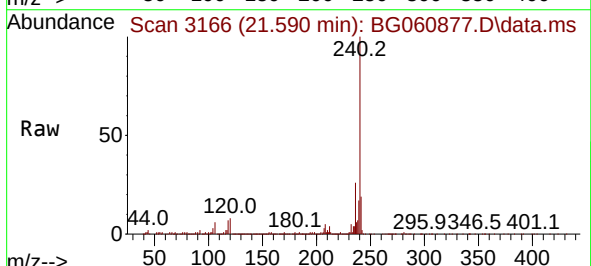
Tgt Ion:240 Resp: 381913

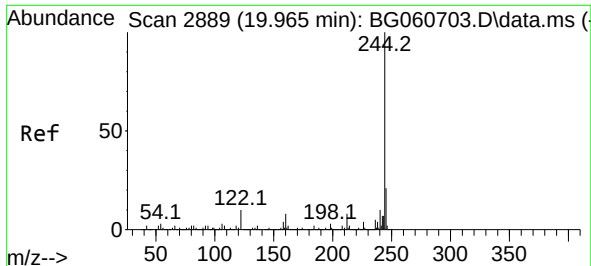
Ion Ratio Lower Upper

240 100

120 7.8 7.1 10.7

236 26.1 20.7 31.1

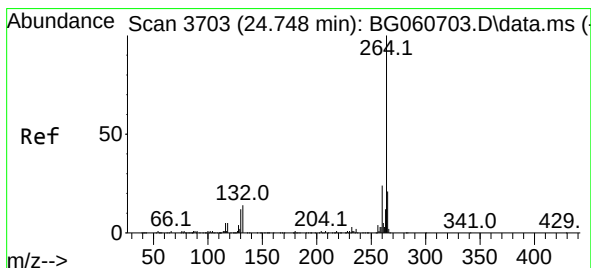
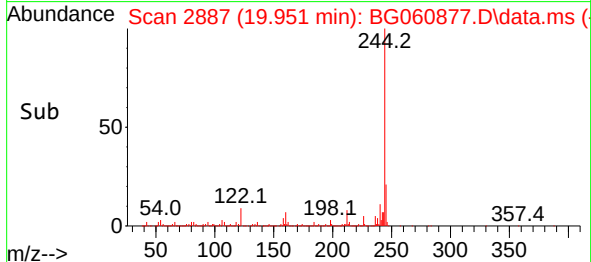
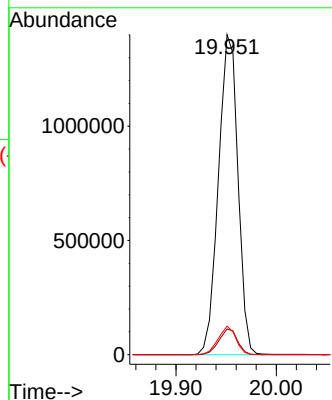
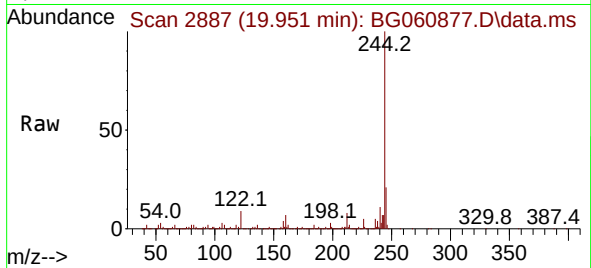




#79
Terphenyl-d14
Concen: 87.068 ng
RT: 19.951 min Scan# 21
Delta R.T. -0.014 min
Lab File: BG060877.D
Acq: 12 Apr 2024 17:00

Instrument :
BNA_G
ClientSampleId :
TP-4

Tgt Ion:244 Resp: 1888454
Ion Ratio Lower Upper
244 100
212 8.1 6.2 9.2
122 8.9 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: BG060877.D
Acq: 12 Apr 2024 17:00

Tgt Ion:264 Resp: 438550
Ion Ratio Lower Upper
264 100
260 24.2 19.5 29.3
265 20.6 16.9 25.3

