

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031524\
 Data File : BG060663.D
 Acq On : 15 Mar 2024 13:46
 Operator : MA/JU
 Sample : P1749-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-4

Quant Time: Mar 15 15:16:49 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 14 00:45:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.323	152	92201	20.000	ng	0.00
21) Naphthalene-d8	11.167	136	433816	20.000	ng	0.00
39) Acenaphthene-d10	14.945	164	290558	20.000	ng	0.00
64) Phenanthrene-d10	17.695	188	605367	20.000	ng	0.00
76) Chrysene-d12	22.007	240	552639	20.000	ng	-0.02
86) Perylene-d12	25.562	264	624489	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.814	112	325610	55.515	ng	0.00
7) Phenol-d6	7.436	99	278712	32.758	ng	0.00
23) Nitrobenzene-d5	9.522	82	742113	89.029	ng	0.00
42) 2,4,6-Tribromophenol	16.431	330	500478	148.644	ng	0.00
45) 2-Fluorobiphenyl	13.576	172	1854750	86.306	ng	0.00
79) Terphenyl-d14	20.274	244	2638743	86.306	ng	0.00

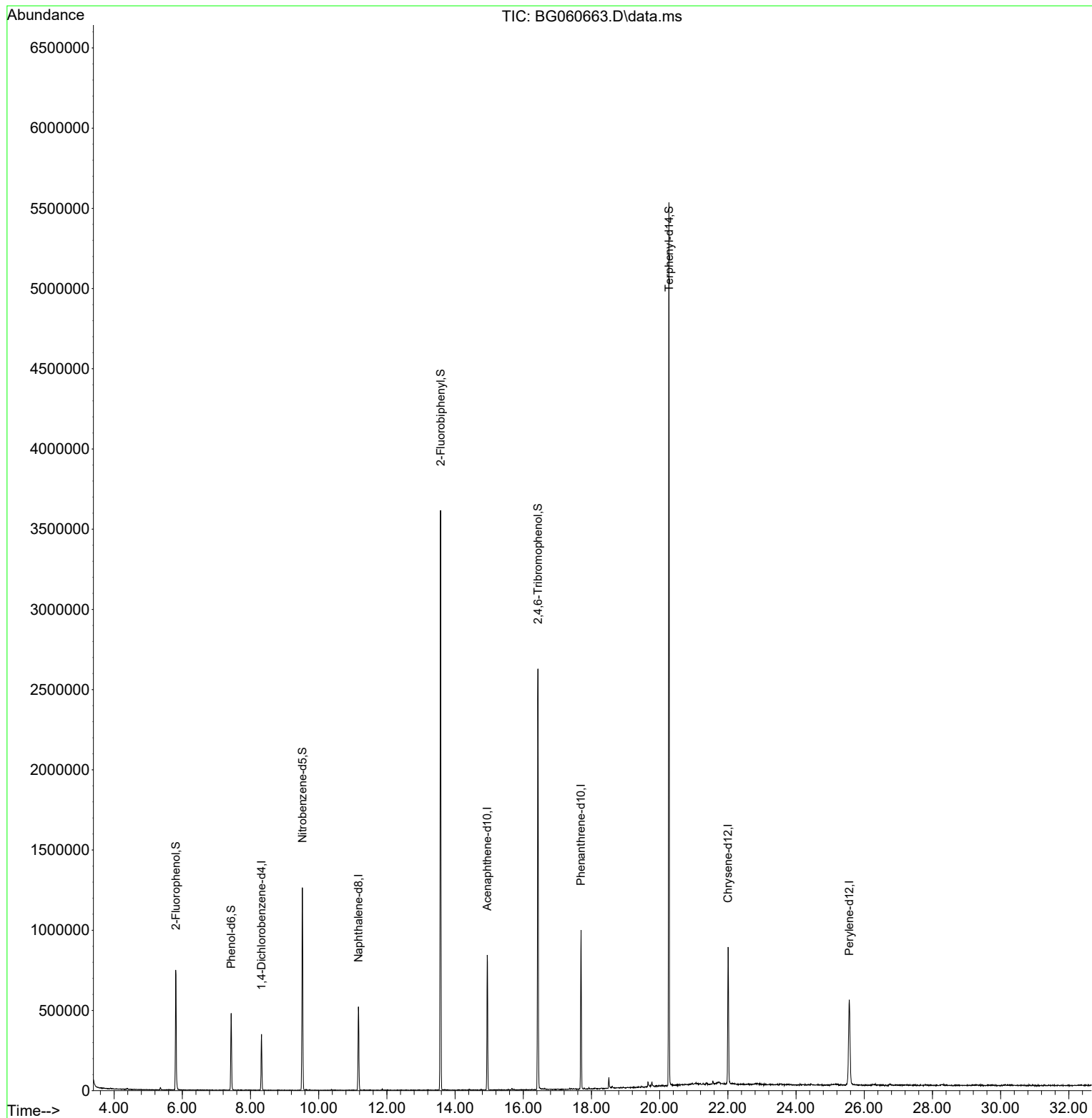
Target Compounds	Qvalue

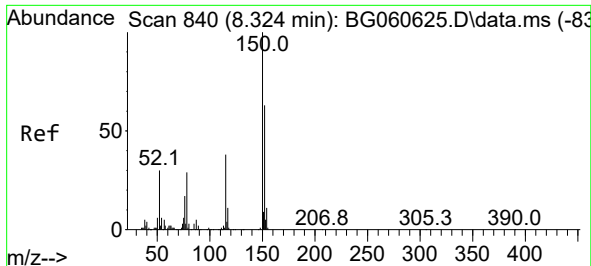
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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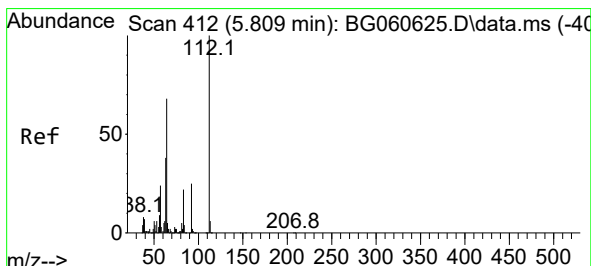
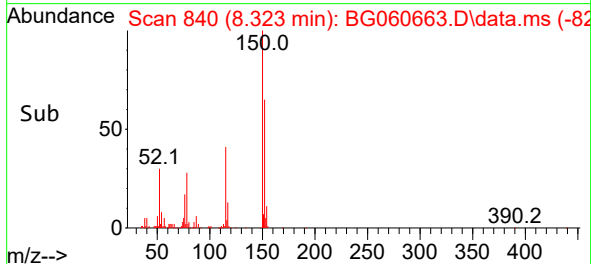
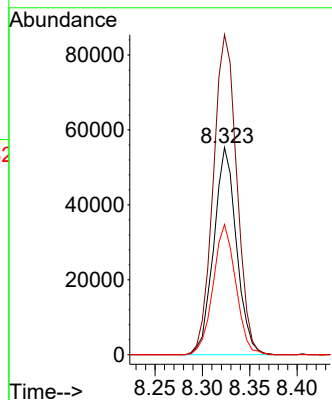
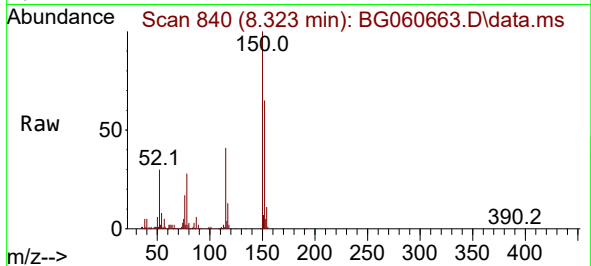




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.323 min Scan# 840
 Delta R.T. -0.001 min
 Lab File: BG060663.D
 Acq: 15 Mar 2024 13:46

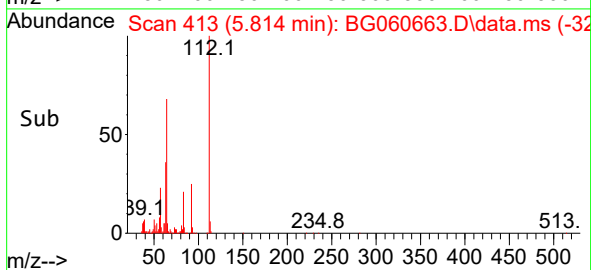
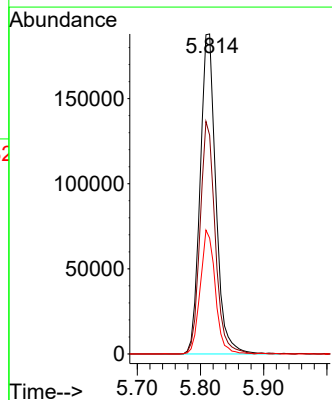
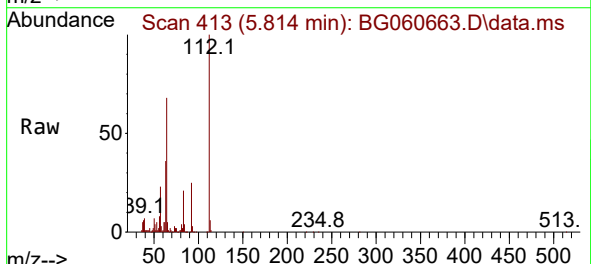
Instrument :
 BNA_G
 ClientSampleId :
 MW-4

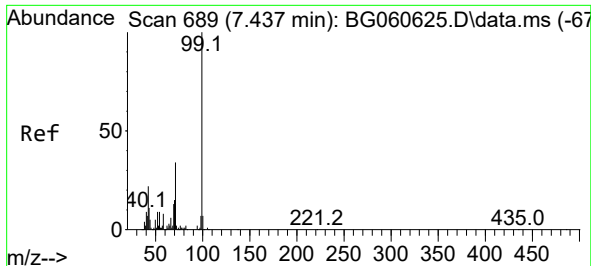
Tgt Ion:152 Resp: 92201
 Ion Ratio Lower Upper
 152 100
 150 154.5 126.6 190.0
 115 62.8 47.8 71.8



#5
 2-Fluorophenol
 Concen: 55.515 ng
 RT: 5.814 min Scan# 413
 Delta R.T. 0.005 min
 Lab File: BG060663.D
 Acq: 15 Mar 2024 13:46

Tgt Ion:112 Resp: 325610
 Ion Ratio Lower Upper
 112 100
 64 68.4 54.1 81.1
 63 36.2 30.3 45.5

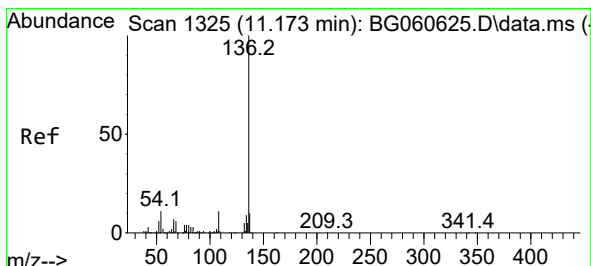
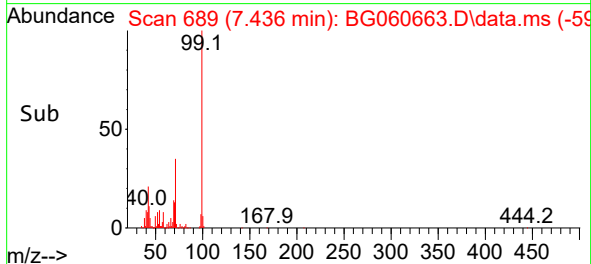
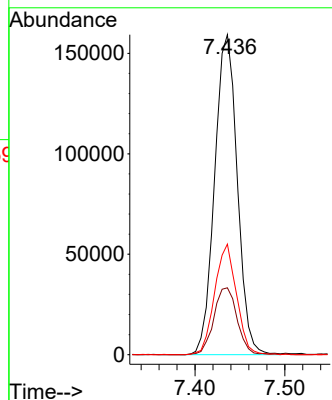
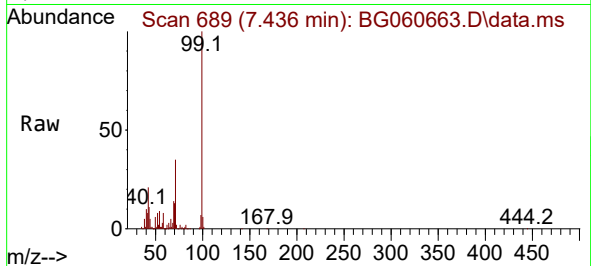




#7
Phenol-d6
Concen: 32.758 ng
RT: 7.436 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG060663.D
Acq: 15 Mar 2024 13:46

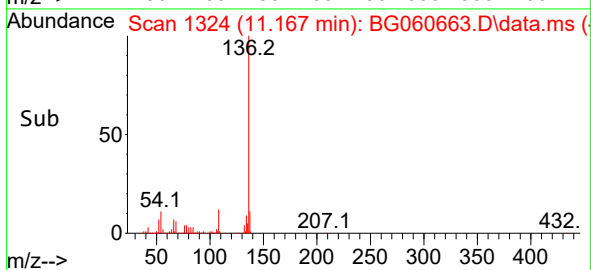
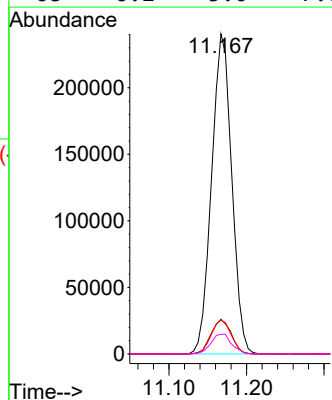
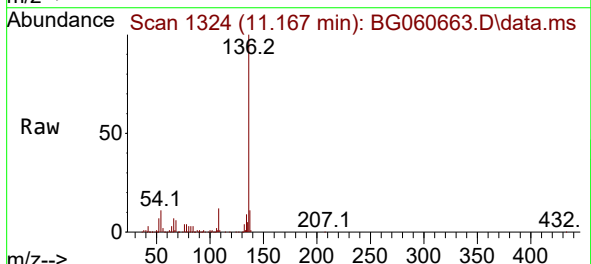
Instrument :
BNA_G
ClientSampleId :
MW-4

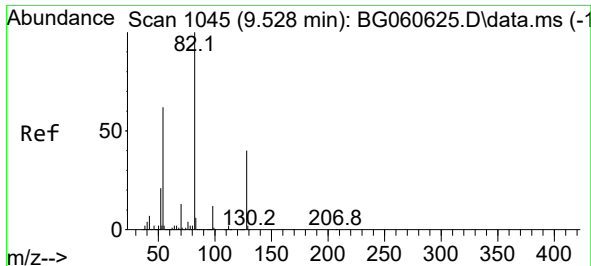
Tgt Ion: 99 Resp: 278712
Ion Ratio Lower Upper
99 100
42 20.9 17.5 26.3
71 34.6 27.4 41.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.167 min Scan# 1324
Delta R.T. -0.007 min
Lab File: BG060663.D
Acq: 15 Mar 2024 13:46

Tgt Ion:136 Resp: 433816
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 10.6 8.5 12.7
68 6.2 5.0 7.6

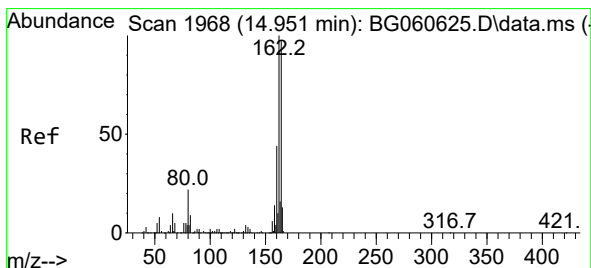
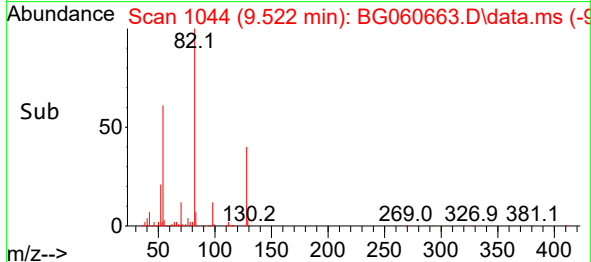
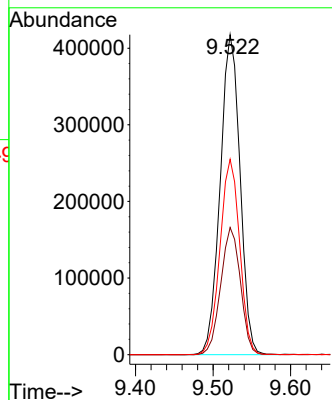
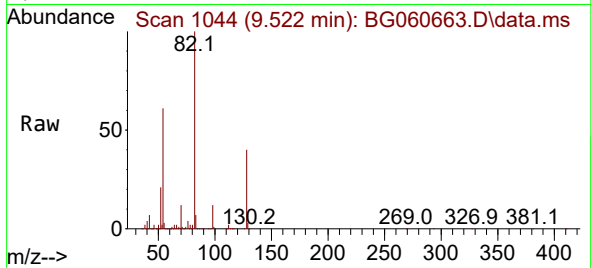




#23
Nitrobenzene-d5
Concen: 89.029 ng
RT: 9.522 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BG060663.D
Acq: 15 Mar 2024 13:46

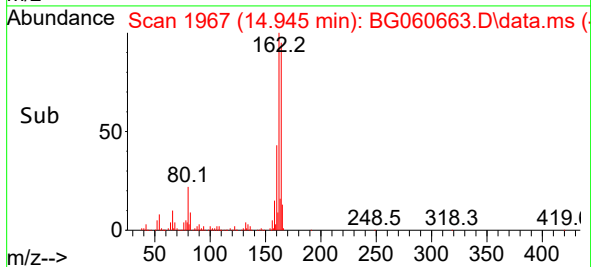
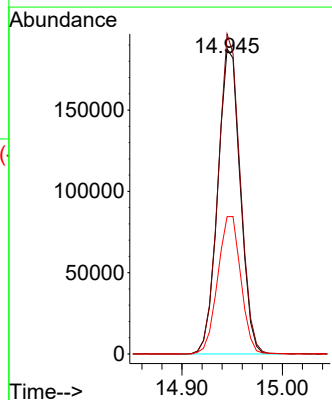
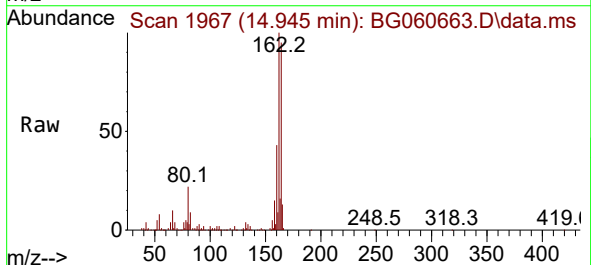
Instrument :
BNA_G
ClientSampleId :
MW-4

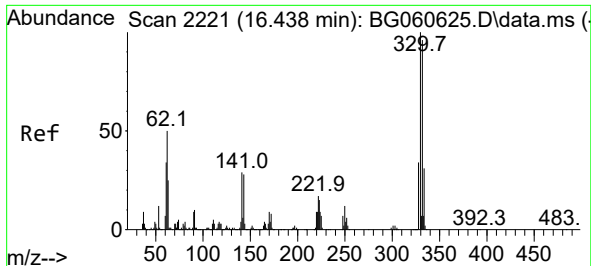
Tgt Ion: 82 Resp: 742113
Ion Ratio Lower Upper
82 100
128 39.7 31.6 47.4
54 61.0 49.3 73.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.945 min Scan# 1967
Delta R.T. -0.006 min
Lab File: BG060663.D
Acq: 15 Mar 2024 13:46

Tgt Ion:164 Resp: 290558
Ion Ratio Lower Upper
164 100
162 104.8 82.5 123.7
160 45.0 36.4 54.6

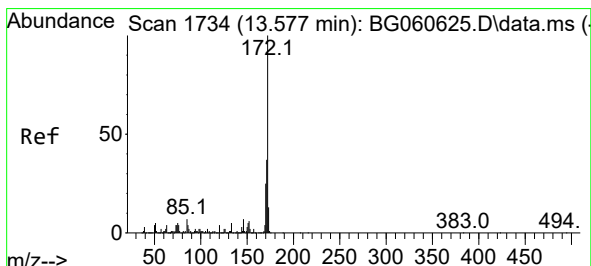
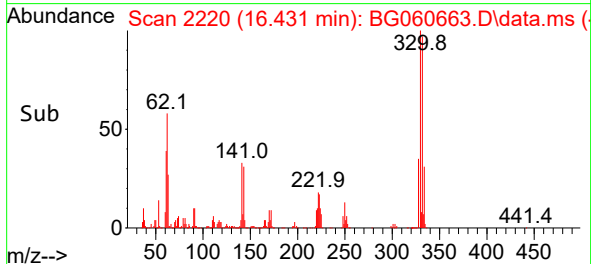
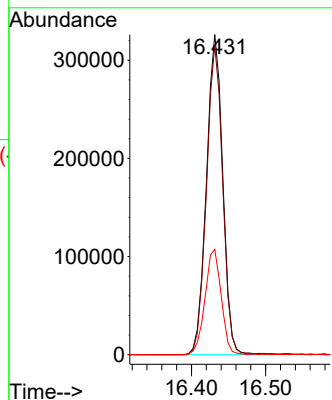
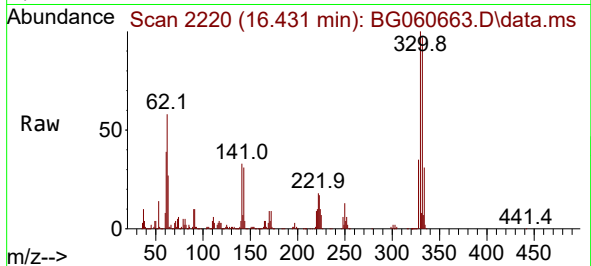




#42
2,4,6-Tribromophenol
Concen: 148.644 ng
RT: 16.431 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG060663.D
Acq: 15 Mar 2024 13:46

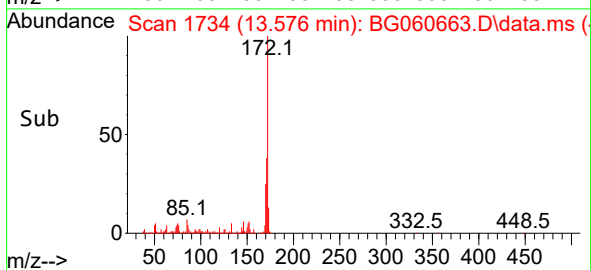
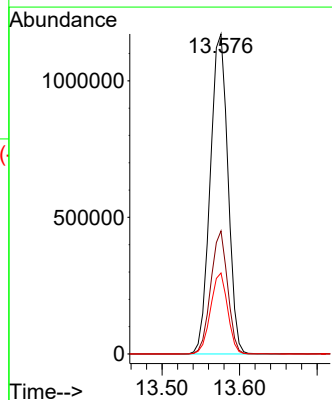
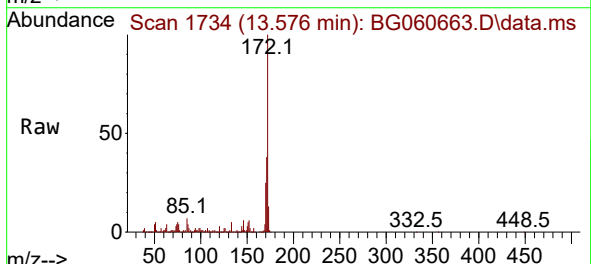
Instrument :
BNA_G
ClientSampleId :
MW-4

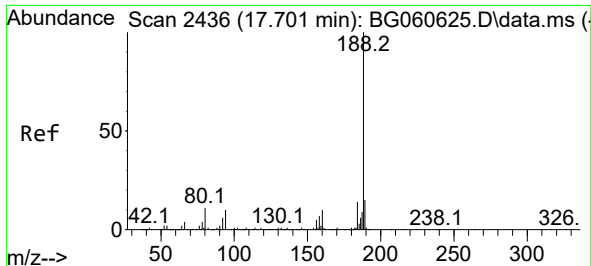
Tgt Ion:330 Resp: 500478
Ion Ratio Lower Upper
330 100
332 95.3 77.8 116.8
141 32.6 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 86.306 ng
RT: 13.576 min Scan# 1734
Delta R.T. -0.001 min
Lab File: BG060663.D
Acq: 15 Mar 2024 13:46

Tgt Ion:172 Resp: 1854750
Ion Ratio Lower Upper
172 100
171 38.4 29.9 44.9
170 25.3 19.8 29.6

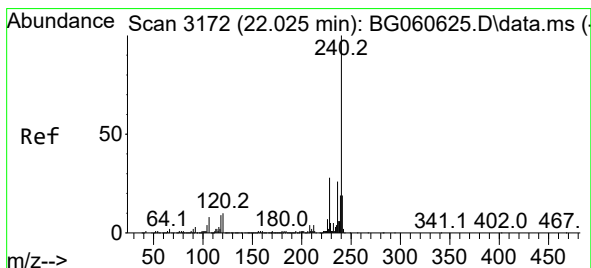
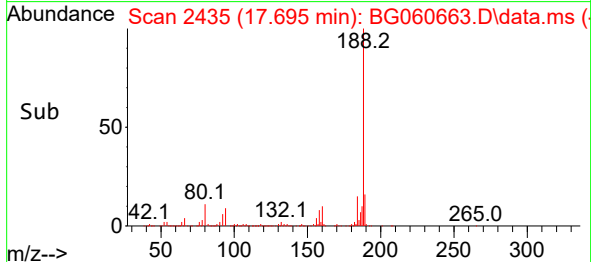
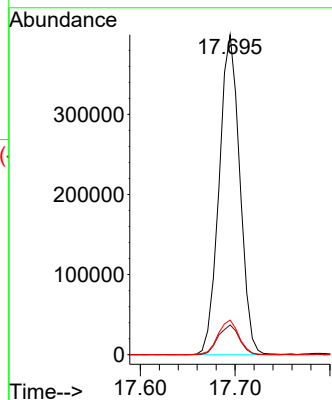
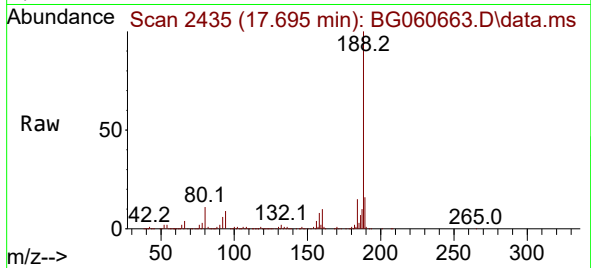




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.695 min Scan# 2435
Delta R.T. -0.007 min
Lab File: BG060663.D
Acq: 15 Mar 2024 13:46

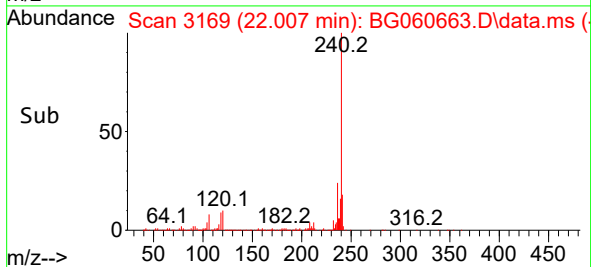
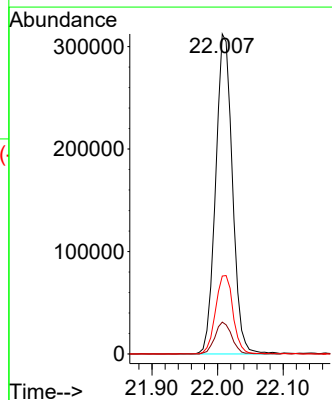
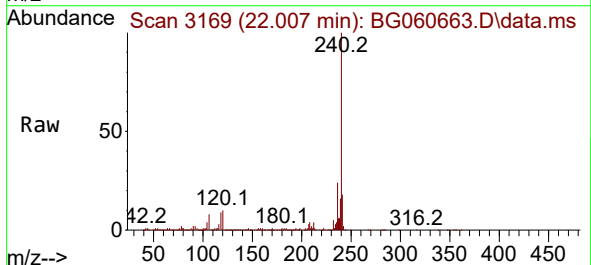
Instrument :
BNA_G
ClientSampleId :
MW-4

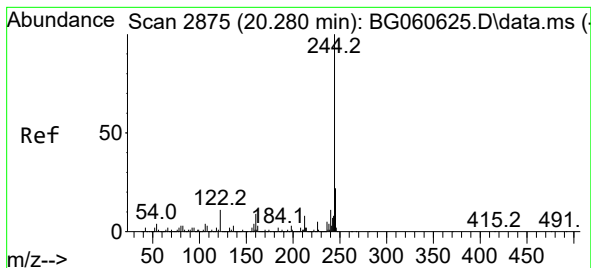
Tgt Ion:188 Resp: 605367
Ion Ratio Lower Upper
188 100
94 9.3 7.9 11.9
80 10.8 8.6 13.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.007 min Scan# 3169
Delta R.T. -0.018 min
Lab File: BG060663.D
Acq: 15 Mar 2024 13:46

Tgt Ion:240 Resp: 552639
Ion Ratio Lower Upper
240 100
120 10.0 7.8 11.8
236 24.3 20.6 31.0





#79

Terphenyl-d14

Concen: 86.306 ng

RT: 20.274 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG060663.D

Acq: 15 Mar 2024 13:46

Instrument :

BNA_G

ClientSampleId :

MW-4

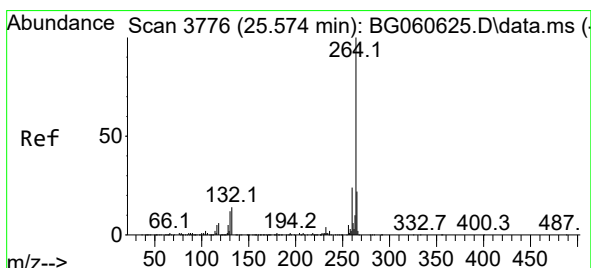
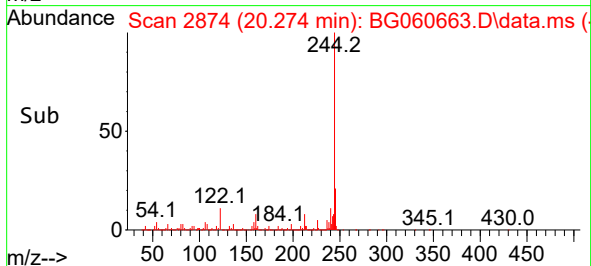
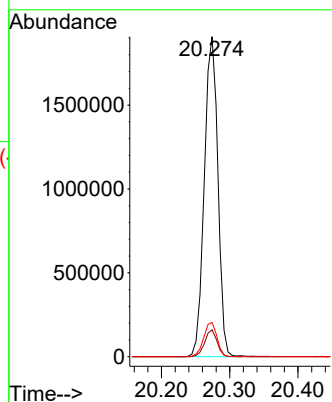
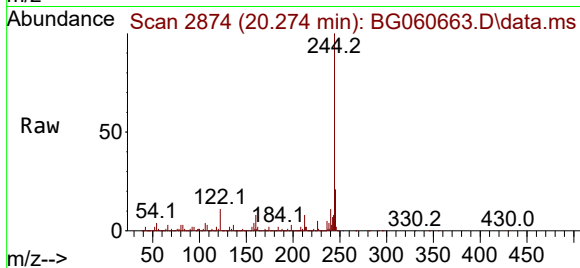
Tgt Ion:244 Resp: 2638743

Ion Ratio Lower Upper

244 100

212 8.4 6.6 9.8

122 10.7 8.5 12.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.562 min Scan# 3774

Delta R.T. -0.012 min

Lab File: BG060663.D

Acq: 15 Mar 2024 13:46

Tgt Ion:264 Resp: 624489

Ion Ratio Lower Upper

264 100

260 25.4 19.4 29.2

265 20.9 18.1 27.1

