

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031424\
 Data File : BG060642.D
 Acq On : 14 Mar 2024 17:14
 Operator : MA/JU
 Sample : P1733-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-2

Quant Time: Mar 15 01:36:30 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	90368	20.000	ng	0.00
21) Naphthalene-d8	11.167	136	400704	20.000	ng	0.00
39) Acenaphthene-d10	14.945	164	279009	20.000	ng	0.00
64) Phenanthrene-d10	17.695	188	606195	20.000	ng	0.00
76) Chrysene-d12	22.007	240	542445	20.000	ng	-0.02
86) Perylene-d12	25.562	264	607364	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.809	112	601579	104.647	ng	0.00
7) Phenol-d6	7.436	99	782076	93.785	ng	0.00
23) Nitrobenzene-d5	9.522	82	564776	73.353	ng	0.00
42) 2,4,6-Tribromophenol	16.432	330	392260	121.325	ng	0.00
45) 2-Fluorobiphenyl	13.570	172	1423010	68.957	ng	0.00
79) Terphenyl-d14	20.274	244	2721390	90.682	ng	0.00

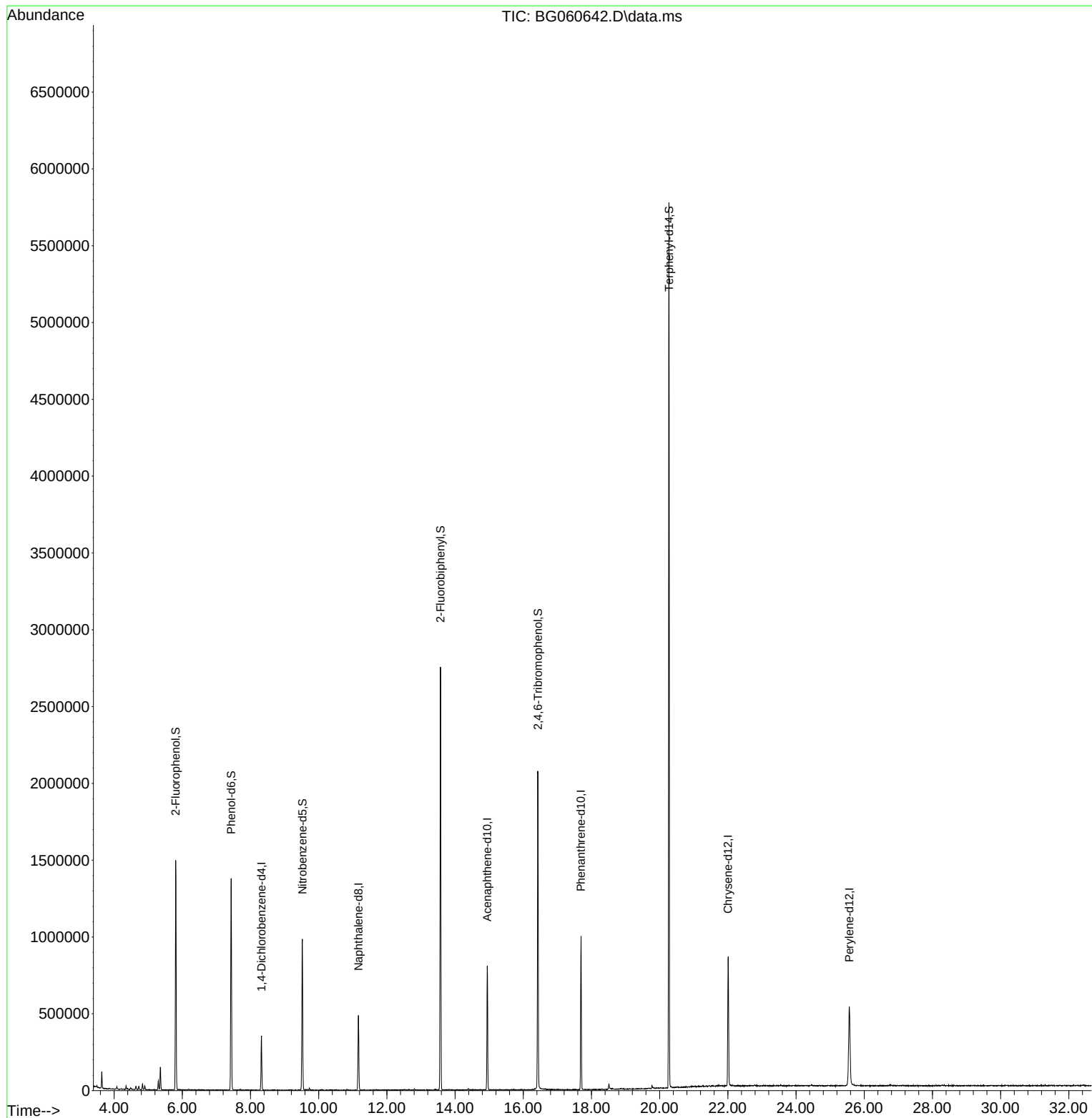
Target Compounds	Qvalue

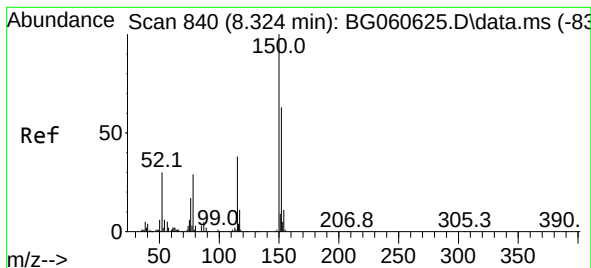
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.323 min Scan# 84

Delta R.T. -0.001 min

Lab File: BG060642.D

Acq: 14 Mar 2024 17:14

Instrument :

BNA_G

ClientSampleId :

WC-2

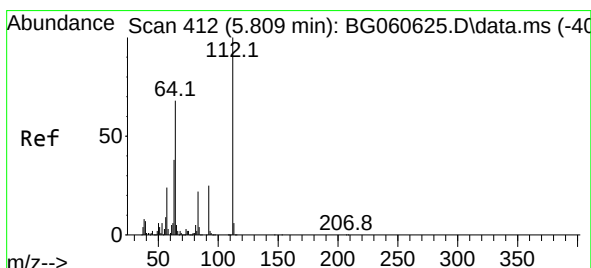
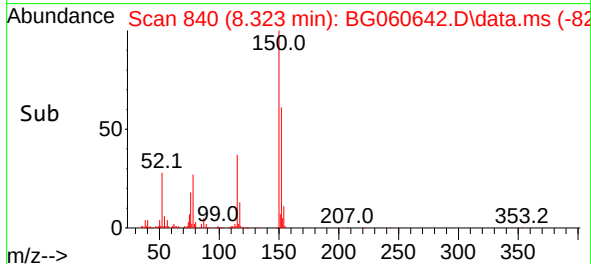
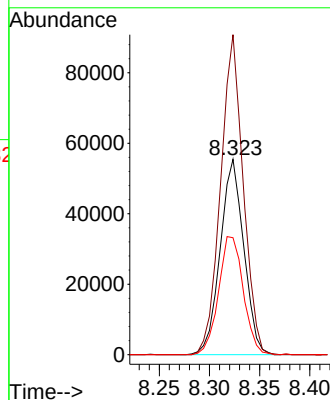
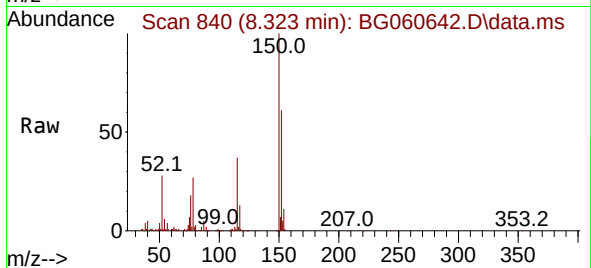
Tgt Ion:152 Resp: 90368

Ion Ratio Lower Upper

152 100

150 163.8 126.6 190.0

115 59.8 47.8 71.8



#5

2-Fluorophenol

Concen: 104.647 ng

RT: 5.809 min Scan# 412

Delta R.T. -0.000 min

Lab File: BG060642.D

Acq: 14 Mar 2024 17:14

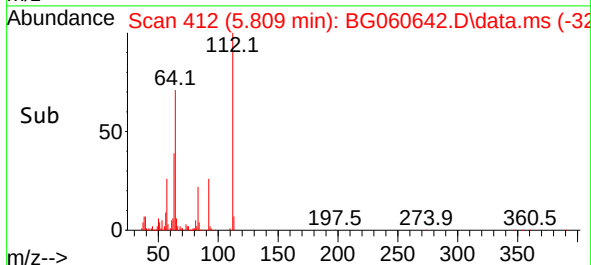
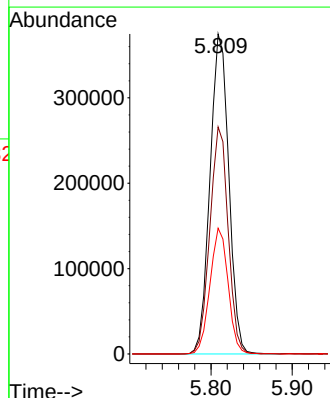
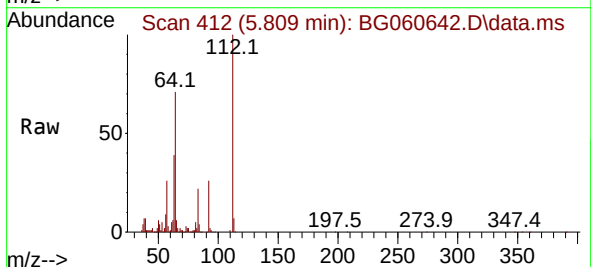
Tgt Ion:112 Resp: 601579

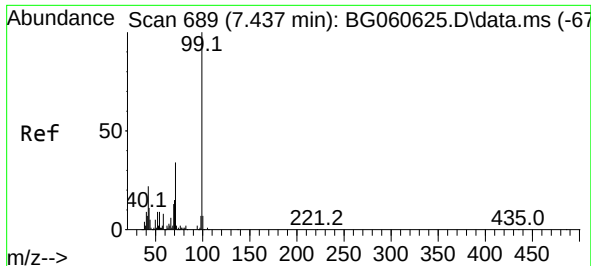
Ion Ratio Lower Upper

112 100

64 70.9 54.1 81.1

63 39.3 30.3 45.5

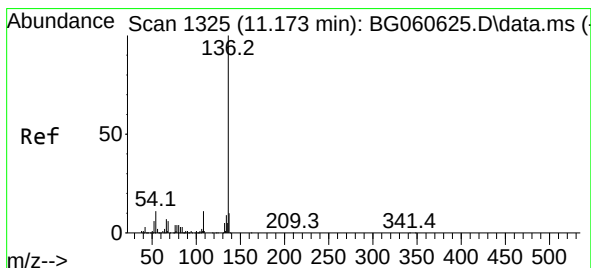
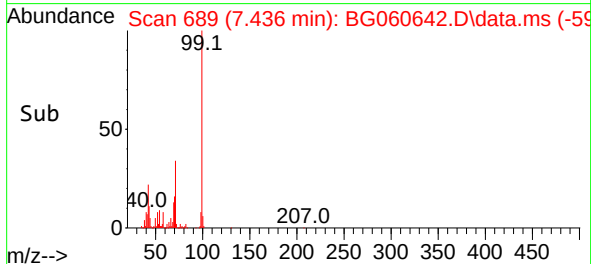
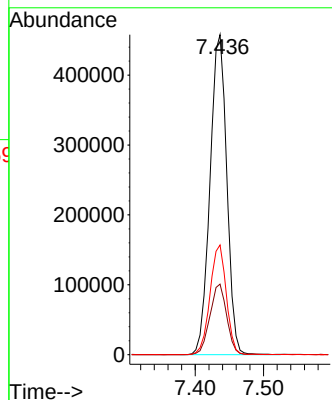
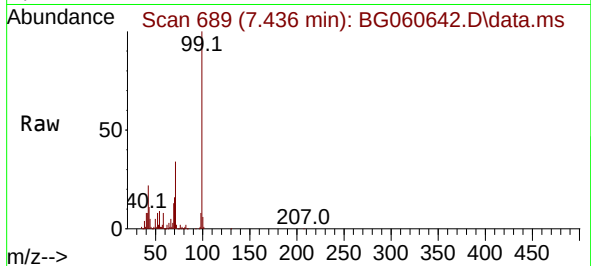




#7
Phenol-d6
Concen: 93.785 ng
RT: 7.436 min Scan# 689
Delta R.T. -0.000 min
Lab File: BG060642.D
Acq: 14 Mar 2024 17:14

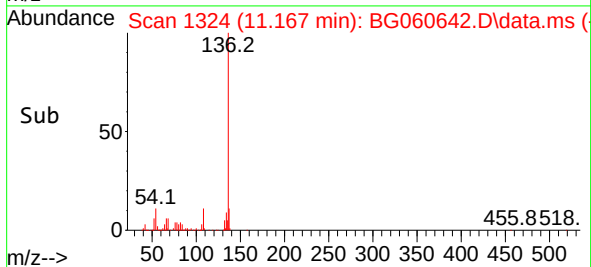
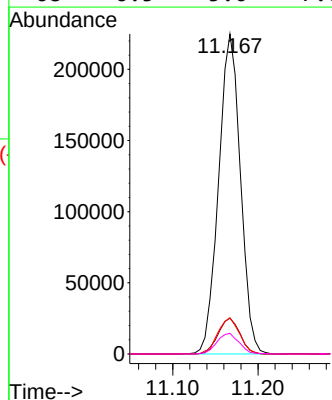
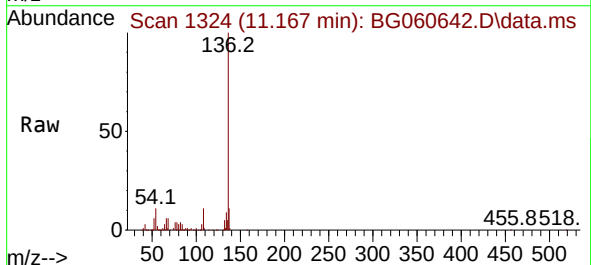
Instrument :
BNA_G
ClientSampleId :
WC-2

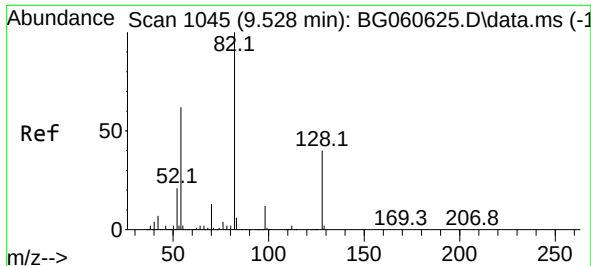
Tgt Ion: 99 Resp: 782076
Ion Ratio Lower Upper
99 100
42 22.0 17.5 26.3
71 34.3 27.4 41.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.167 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BG060642.D
Acq: 14 Mar 2024 17:14

Tgt Ion:136 Resp: 400704
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 11.3 8.5 12.7
68 6.5 5.0 7.6

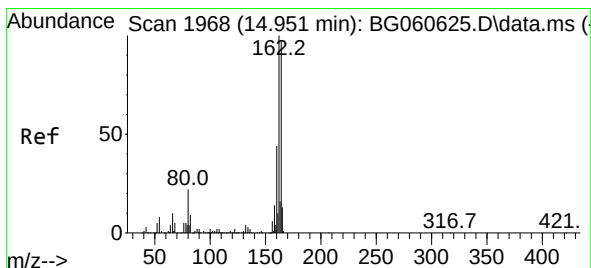
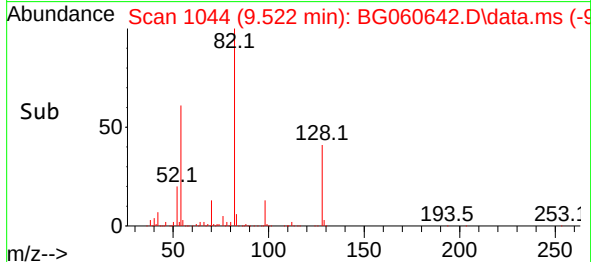
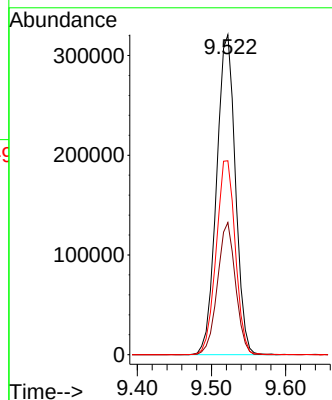
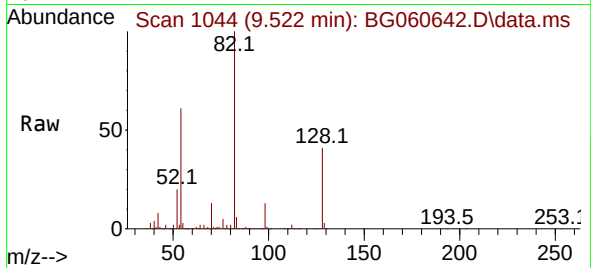




#23
Nitrobenzene-d5
Concen: 73.353 ng
RT: 9.522 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BG060642.D
Acq: 14 Mar 2024 17:14

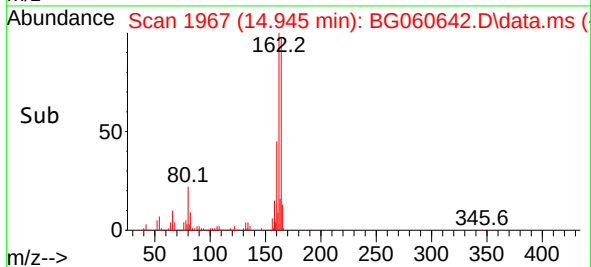
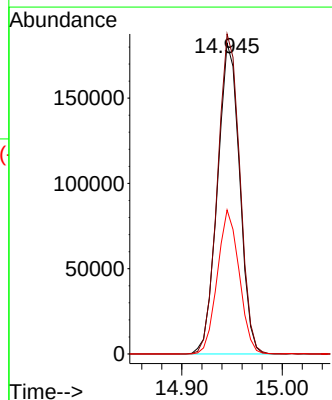
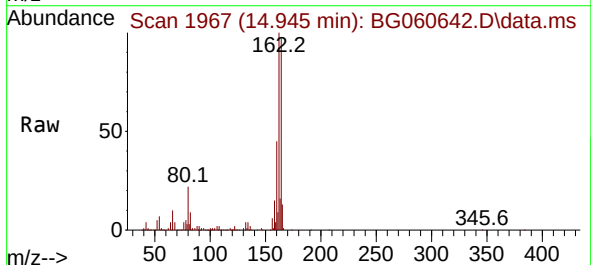
Instrument :
BNA_G
ClientSampleId :
WC-2

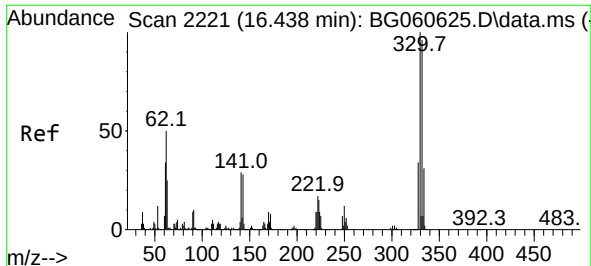
Tgt Ion: 82 Resp: 564776
Ion Ratio Lower Upper
82 100
128 41.3 31.6 47.4
54 60.6 49.3 73.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.945 min Scan# 1967
Delta R.T. -0.006 min
Lab File: BG060642.D
Acq: 14 Mar 2024 17:14

Tgt Ion:164 Resp: 279009
Ion Ratio Lower Upper
164 100
162 102.9 82.5 123.7
160 46.3 36.4 54.6

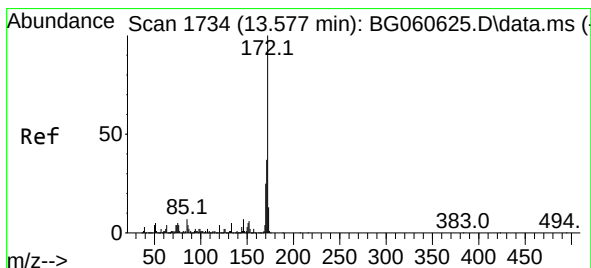
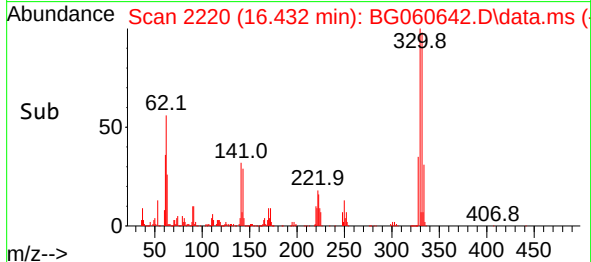
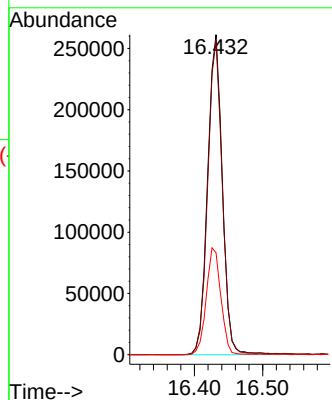
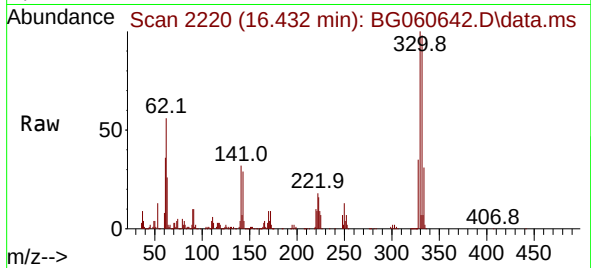




#42
2,4,6-Tribromophenol
Concen: 121.325 ng
RT: 16.432 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG060642.D
Acq: 14 Mar 2024 17:14

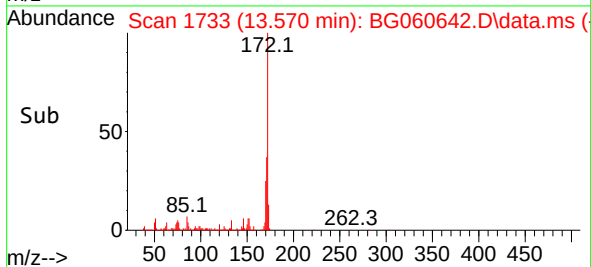
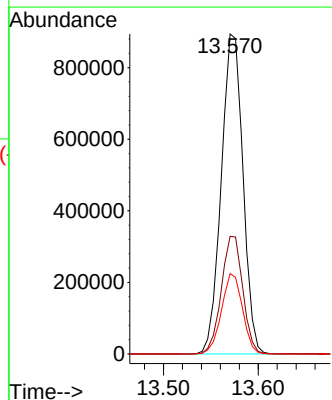
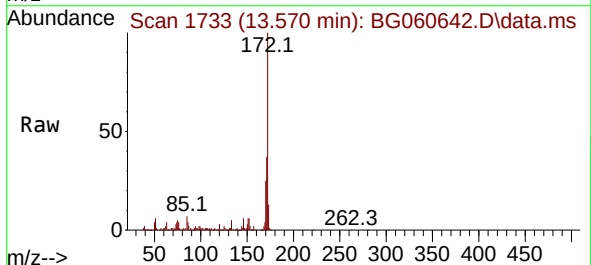
Instrument :
BNA_G
ClientSampleId :
WC-2

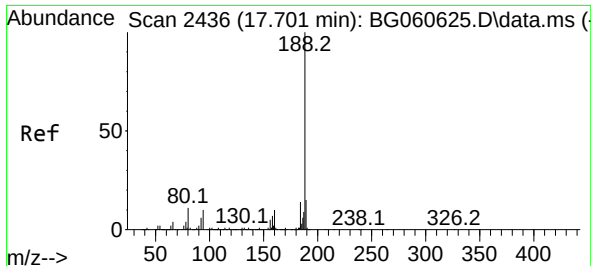
Tgt Ion:330 Resp: 392260
Ion Ratio Lower Upper
330 100
332 97.1 77.8 116.8
141 33.2 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 68.957 ng
RT: 13.570 min Scan# 1733
Delta R.T. -0.006 min
Lab File: BG060642.D
Acq: 14 Mar 2024 17:14

Tgt Ion:172 Resp: 1423010
Ion Ratio Lower Upper
172 100
171 36.7 29.9 44.9
170 25.1 19.8 29.6

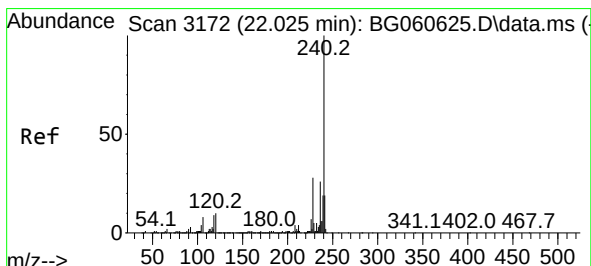
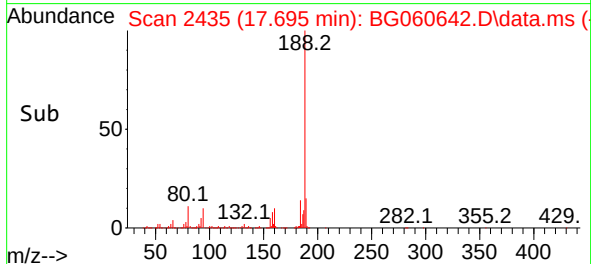
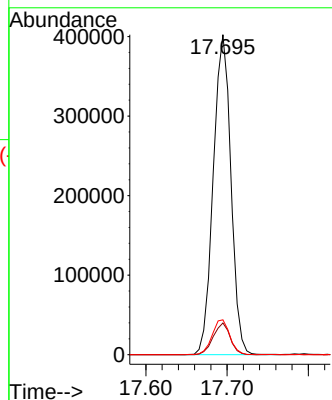
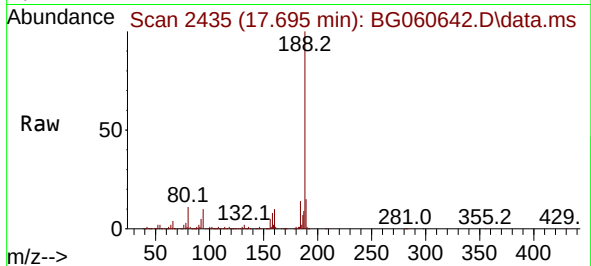




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.695 min Scan# 2435
Delta R.T. -0.006 min
Lab File: BG060642.D
Acq: 14 Mar 2024 17:14

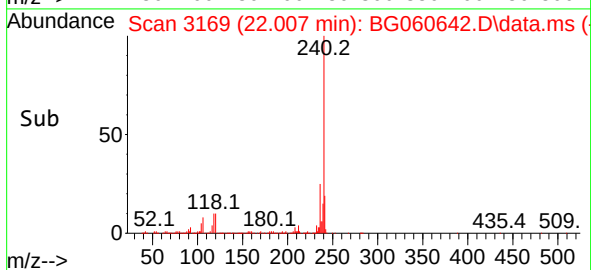
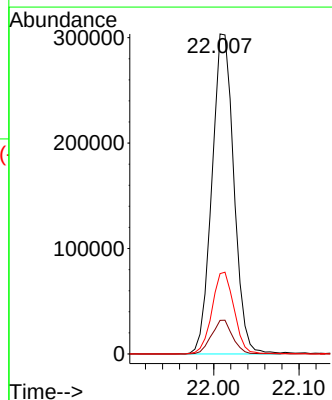
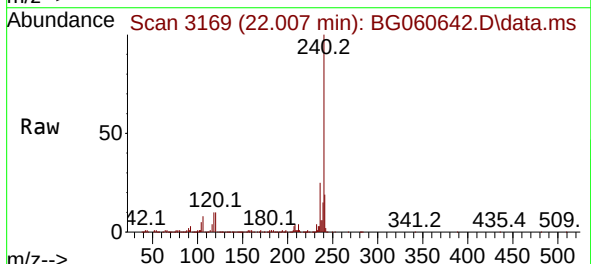
Instrument :
BNA_G
ClientSampleId :
WC-2

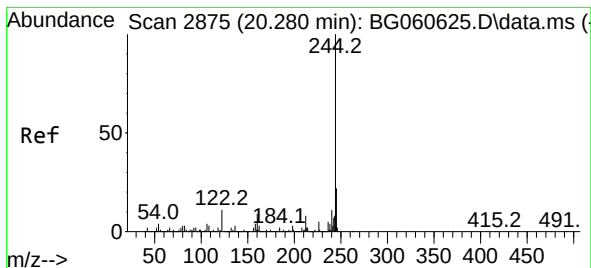
Tgt Ion:188 Resp: 606195
Ion Ratio Lower Upper
188 100
94 9.9 7.9 11.9
80 10.9 8.6 13.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.007 min Scan# 3169
Delta R.T. -0.018 min
Lab File: BG060642.D
Acq: 14 Mar 2024 17:14

Tgt Ion:240 Resp: 542445
Ion Ratio Lower Upper
240 100
120 10.5 7.8 11.8
236 25.1 20.6 31.0





#79

Terphenyl-d14

Concen: 90.682 ng

RT: 20.274 min Scan# 2875

Delta R.T. -0.006 min

Lab File: BG060642.D

Acq: 14 Mar 2024 17:14

Instrument :

BNA_G

ClientSampleId :

WC-2

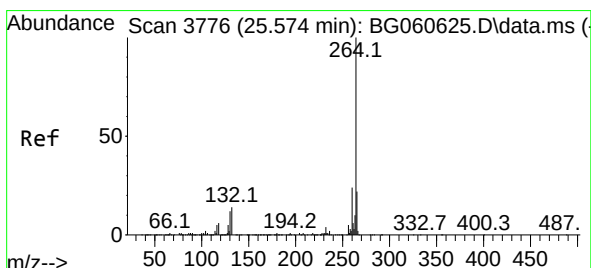
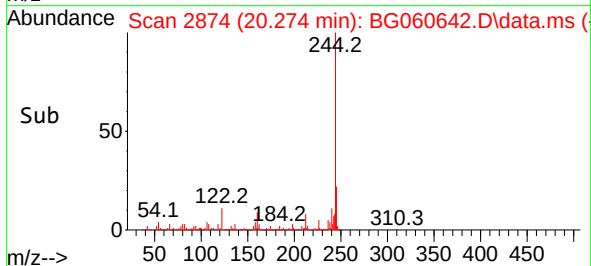
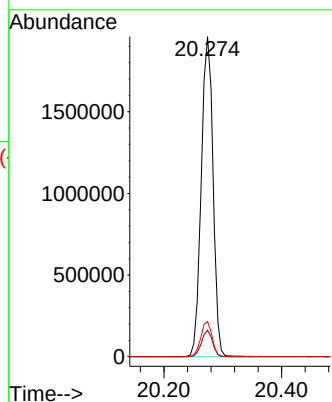
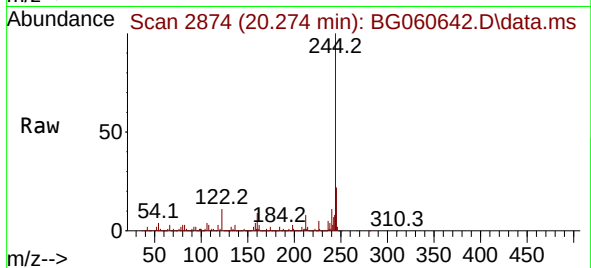
Tgt Ion:244 Resp: 2721390

Ion Ratio Lower Upper

244 100

212 8.2 6.6 9.8

122 10.9 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: BG060642.D

Acq: 14 Mar 2024 17:14

Tgt Ion:264 Resp: 607364

Ion Ratio Lower Upper

264 100

260 23.7 19.4 29.2

265 21.3 18.1 27.1

