

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031424\
Data File : BG060641.D
Acq On : 14 Mar 2024 16:33
Operator : MA/JU
Sample : P1733-12
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-3

Quant Time: Mar 14 18:10:40 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	8.320	152	92271	20.000	ng	0.00
21) Naphthalene-d8	11.170	136	416736	20.000	ng	0.00
39) Acenaphthene-d10	14.948	164	291438	20.000	ng	0.00
64) Phenanthrene-d10	17.697	188	647938	20.000	ng	0.00
76) Chrysene-d12	22.010	240	561384	20.000	ng	-0.02
86) Perylene-d12	25.565	264	635565	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.811	112	559248	95.277	ng	0.00
7) Phenol-d6	7.433	99	738297	86.709	ng	0.00
23) Nitrobenzene-d5	9.519	82	559997	69.935	ng	0.00
42) 2,4,6-Tribromophenol	16.428	330	374215	110.807	ng	0.00
45) 2-Fluorobiphenyl	13.573	172	1389585	64.466	ng	0.00
79) Terphenyl-d14	20.271	244	2507509	80.737	ng	0.00

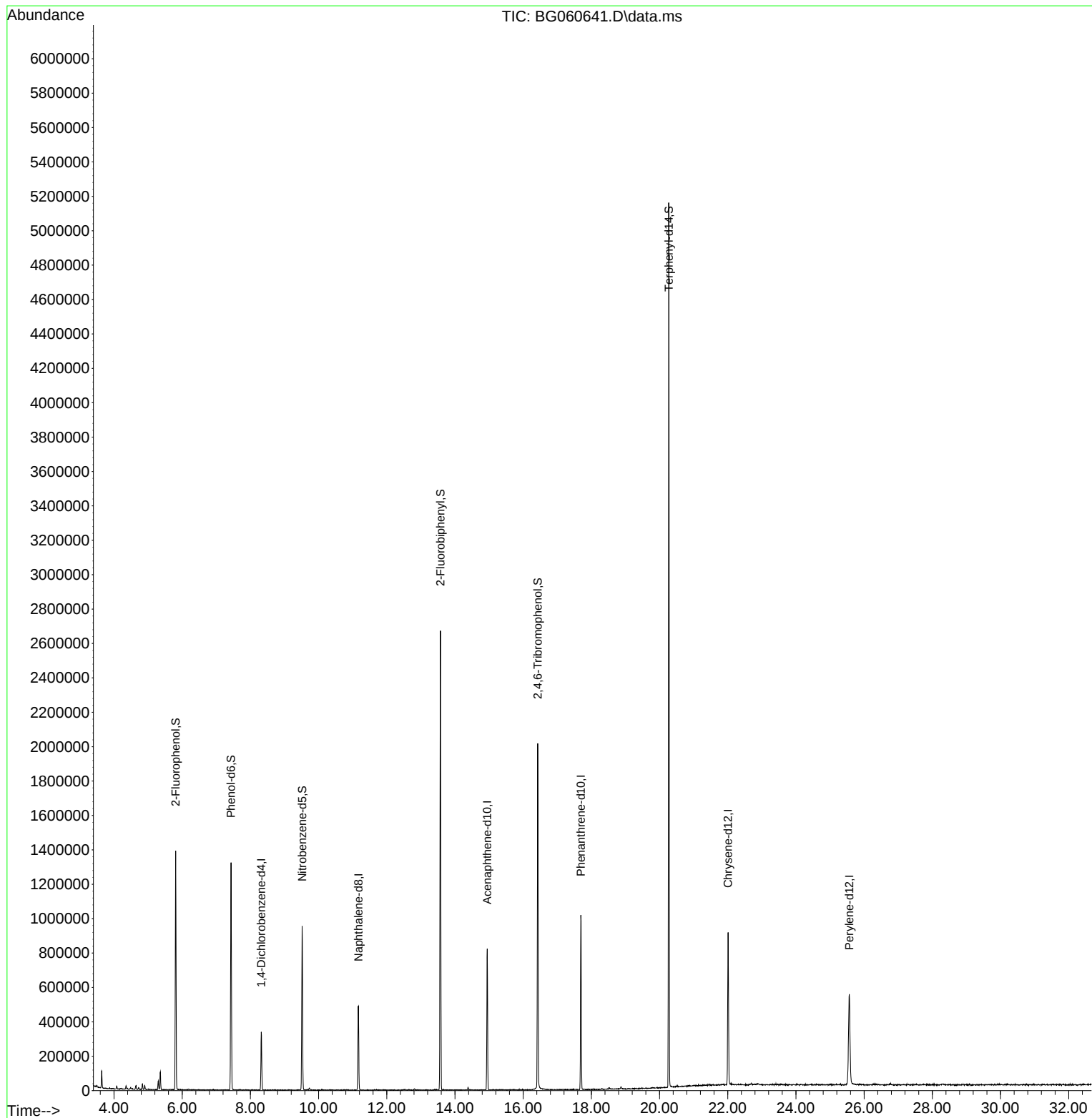
Target Compounds	Qvalue

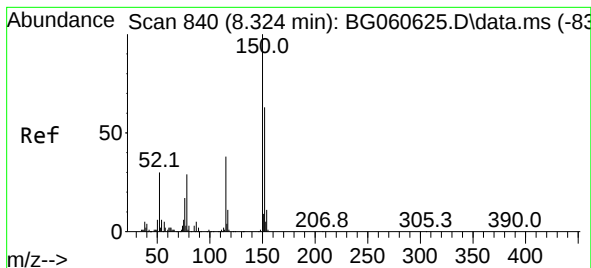
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.320 min Scan# 81

Delta R.T. -0.004 min

Lab File: BG060641.D

Acq: 14 Mar 2024 16:33

Instrument :

BNA_G

ClientSampleId :

WC-3

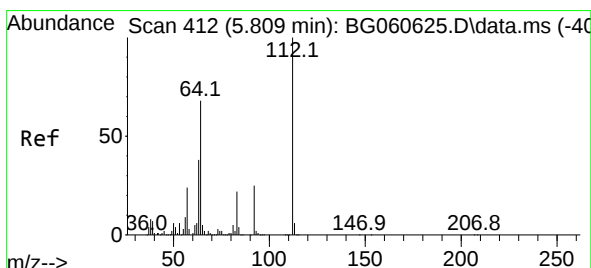
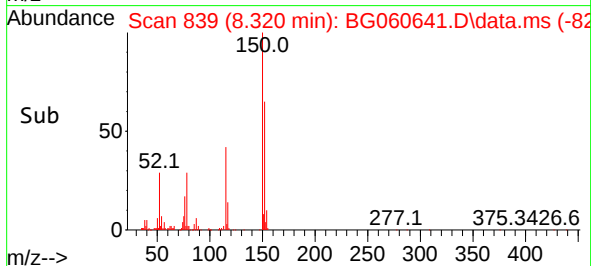
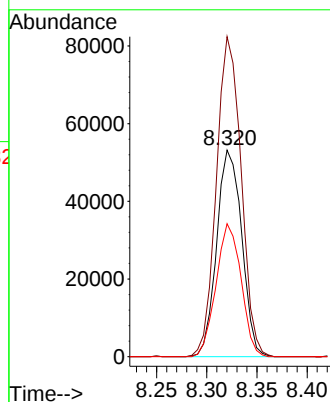
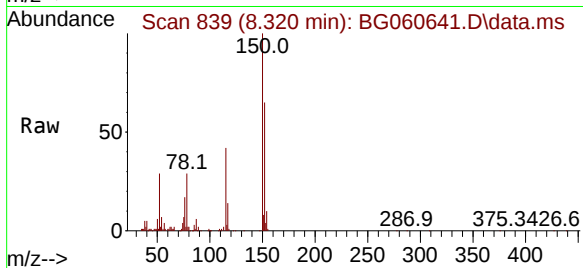
Tgt Ion:152 Resp: 92271

Ion Ratio Lower Upper

152 100

150 154.9 126.6 190.0

115 64.3 47.8 71.8



#5

2-Fluorophenol

Concen: 95.277 ng

RT: 5.811 min Scan# 412

Delta R.T. 0.002 min

Lab File: BG060641.D

Acq: 14 Mar 2024 16:33

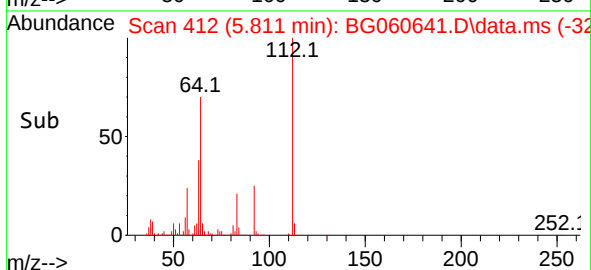
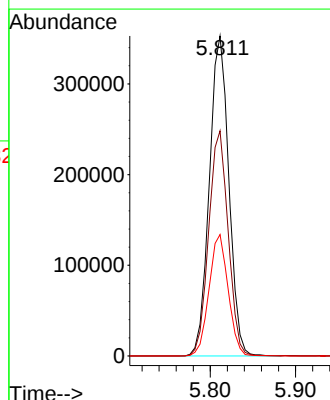
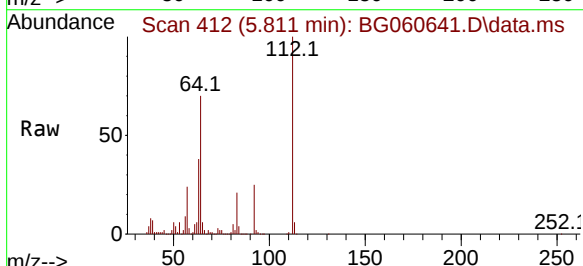
Tgt Ion:112 Resp: 559248

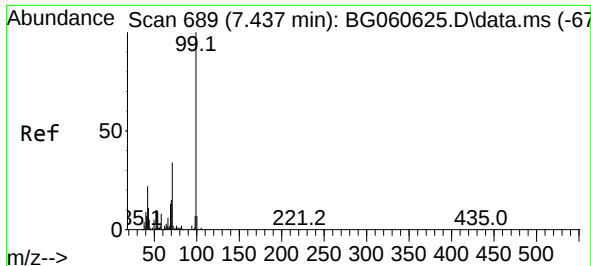
Ion Ratio Lower Upper

112 100

64 70.3 54.1 81.1

63 38.0 30.3 45.5

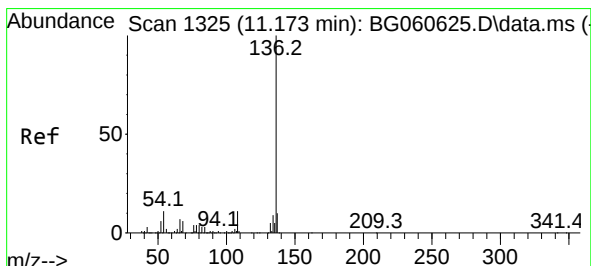
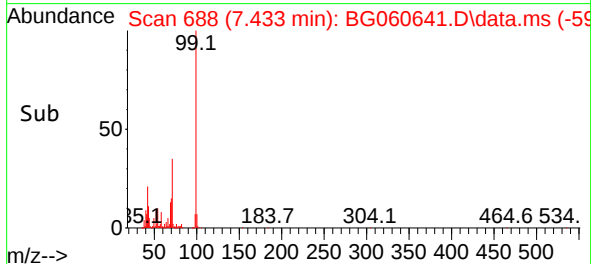
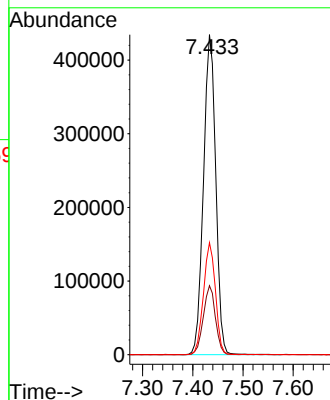
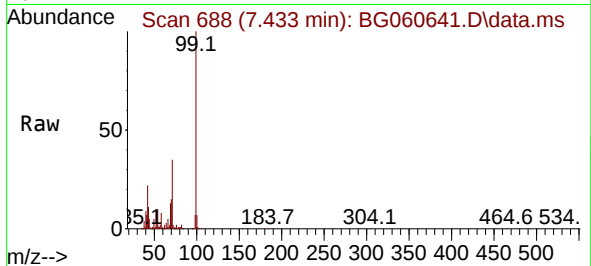




#7
Phenol-d6
Concen: 86.709 ng
RT: 7.433 min Scan# 61
Delta R.T. -0.004 min
Lab File: BG060641.D
Acq: 14 Mar 2024 16:33

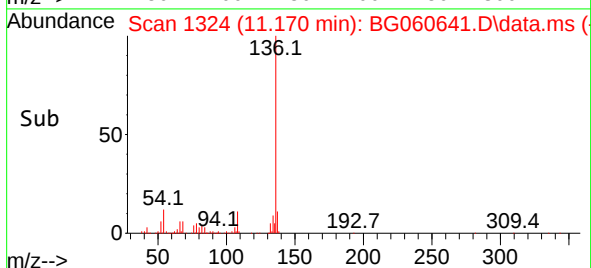
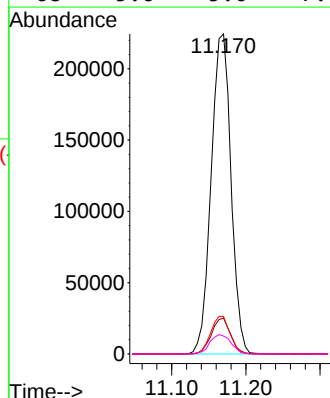
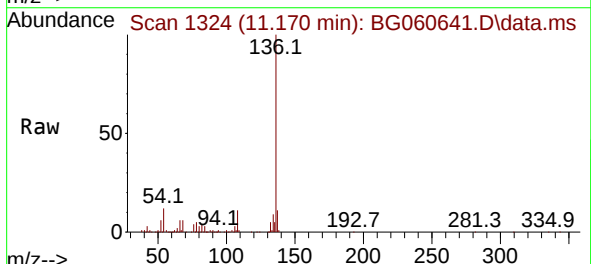
Instrument :
BNA_G
ClientSampleId :
WC-3

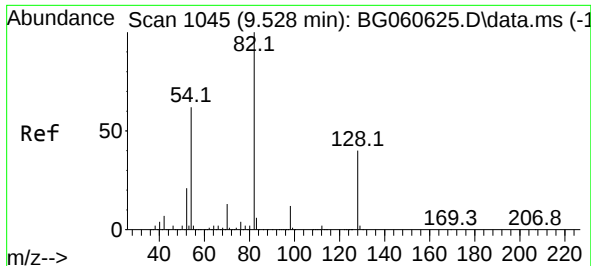
Tgt Ion: 99 Resp: 738297
Ion Ratio Lower Upper
99 100
42 21.5 17.5 26.3
71 35.0 27.4 41.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.170 min Scan# 1324
Delta R.T. -0.004 min
Lab File: BG060641.D
Acq: 14 Mar 2024 16:33

Tgt Ion: 136 Resp: 416736
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 11.7 8.5 12.7
68 5.6 5.0 7.6

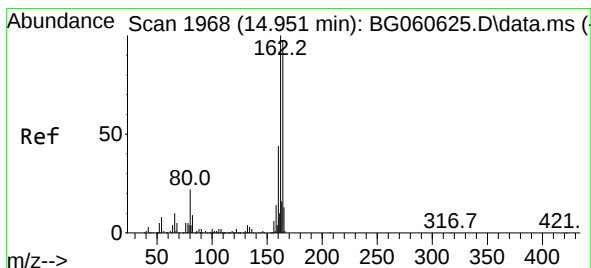
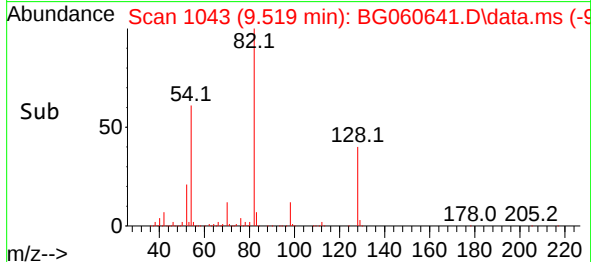
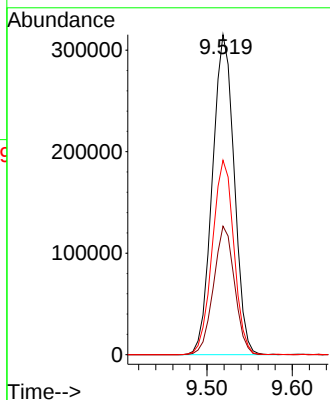
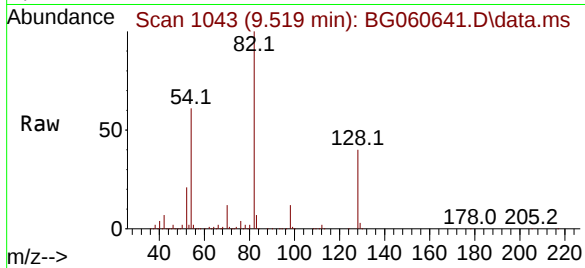




#23
Nitrobenzene-d5
Concen: 69.935 ng
RT: 9.519 min Scan# 1043
Delta R.T. -0.010 min
Lab File: BG060641.D
Acq: 14 Mar 2024 16:33

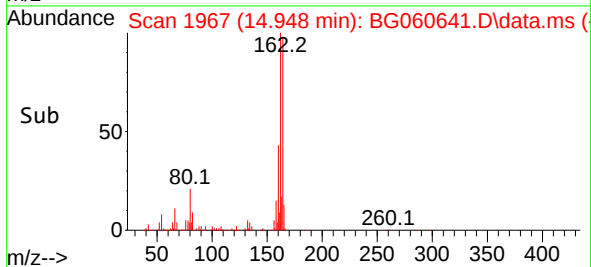
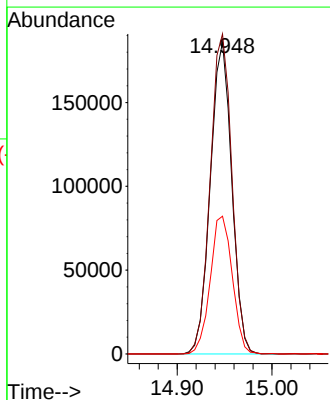
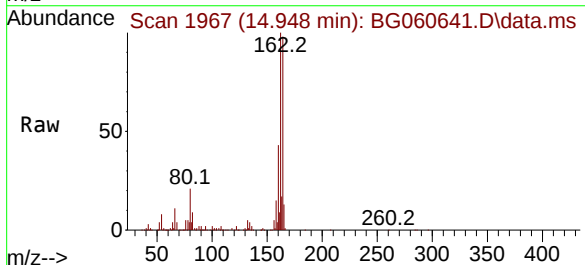
Instrument :
BNA_G
ClientSampleId :
WC-3

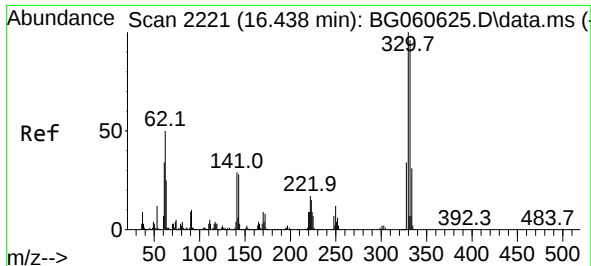
Tgt Ion: 82 Resp: 559997
Ion Ratio Lower Upper
82 100
128 40.2 31.6 47.4
54 60.7 49.3 73.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.948 min Scan# 1967
Delta R.T. -0.004 min
Lab File: BG060641.D
Acq: 14 Mar 2024 16:33

Tgt Ion: 164 Resp: 291438
Ion Ratio Lower Upper
164 100
162 102.5 82.5 123.7
160 44.2 36.4 54.6

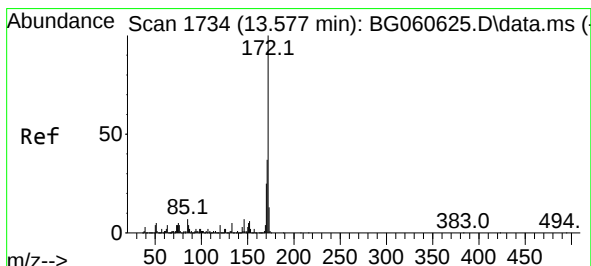
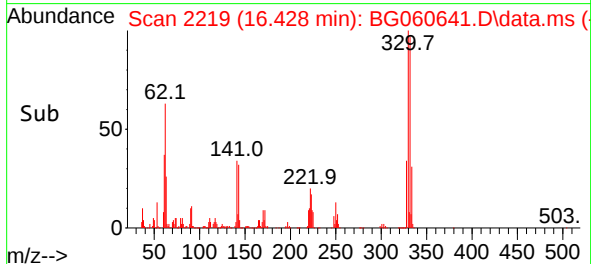
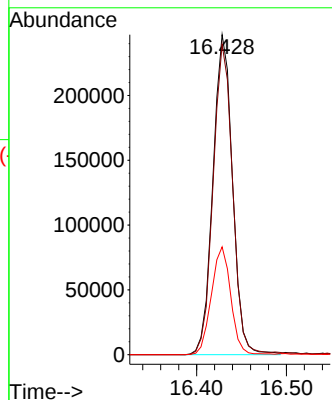
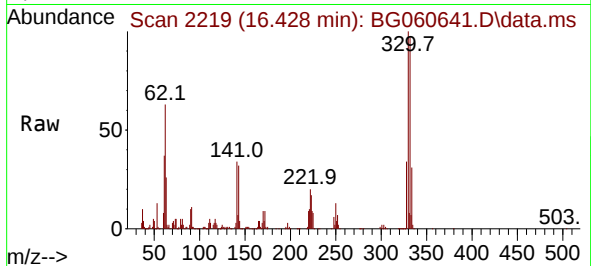




#42
2,4,6-Tribromophenol
Concen: 110.807 ng
RT: 16.428 min Scan# 21
Delta R.T. -0.010 min
Lab File: BG060641.D
Acq: 14 Mar 2024 16:33

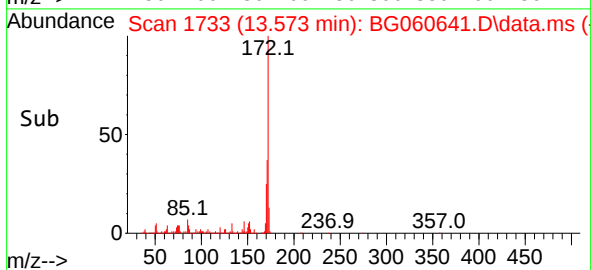
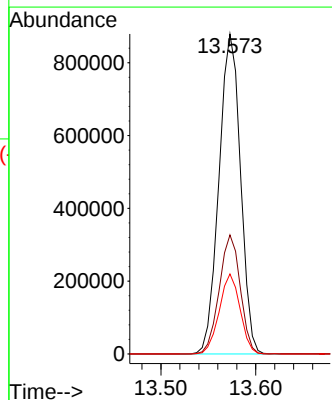
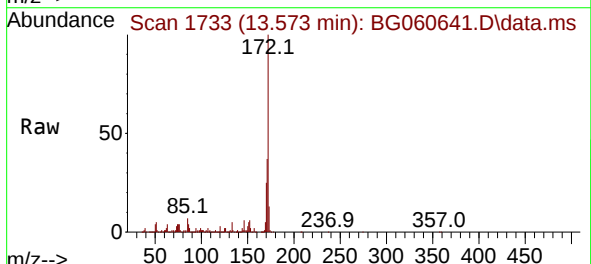
Instrument :
BNA_G
ClientSampleId :
WC-3

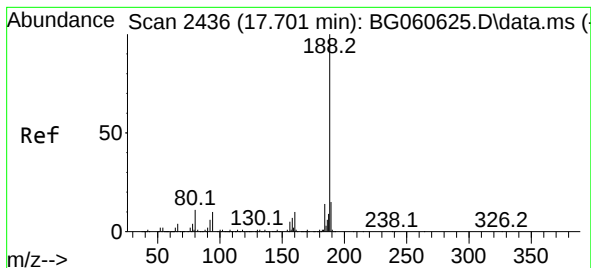
Tgt Ion:330 Resp: 374215
Ion Ratio Lower Upper
330 100
332 97.4 77.8 116.8
141 33.4 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 64.466 ng
RT: 13.573 min Scan# 1733
Delta R.T. -0.004 min
Lab File: BG060641.D
Acq: 14 Mar 2024 16:33

Tgt Ion:172 Resp: 1389585
Ion Ratio Lower Upper
172 100
171 37.2 29.9 44.9
170 25.0 19.8 29.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.697 min Scan# 2435

Delta R.T. -0.004 min

Lab File: BG060641.D

Acq: 14 Mar 2024 16:33

Instrument :

BNA_G

ClientSampleId :

WC-3

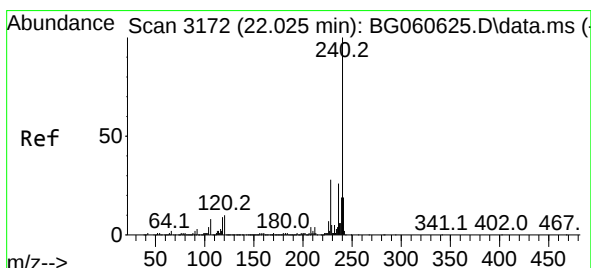
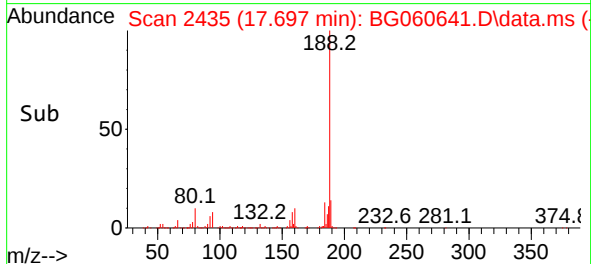
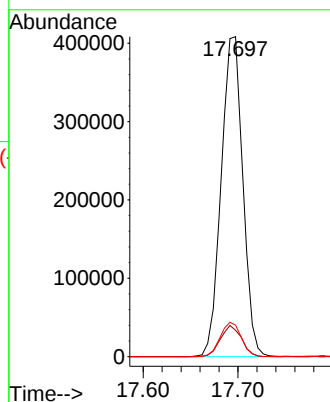
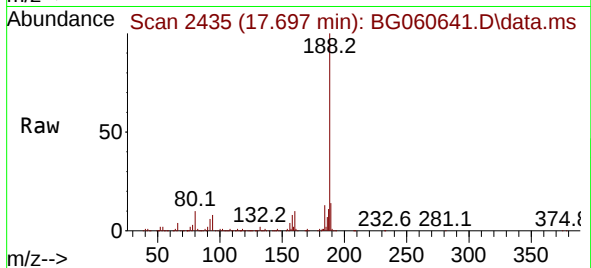
Tgt Ion:188 Resp: 647938

Ion Ratio Lower Upper

188 100

94 8.3 7.9 11.9

80 9.9 8.6 13.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.010 min Scan# 3169

Delta R.T. -0.015 min

Lab File: BG060641.D

Acq: 14 Mar 2024 16:33

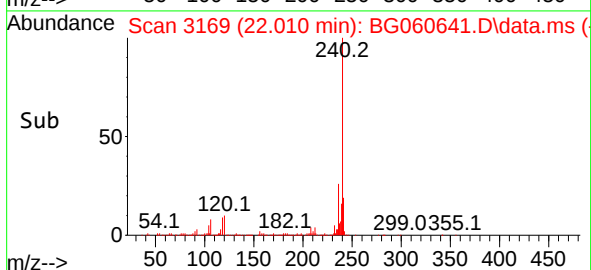
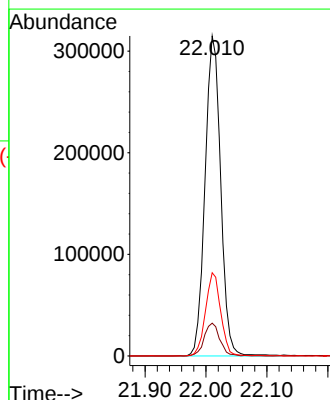
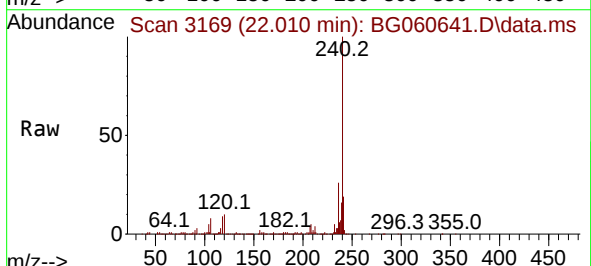
Tgt Ion:240 Resp: 561384

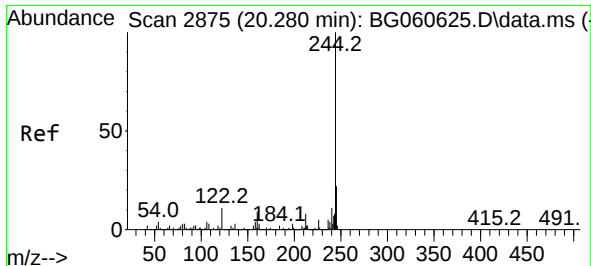
Ion Ratio Lower Upper

240 100

120 10.2 7.8 11.8

236 26.0 20.6 31.0

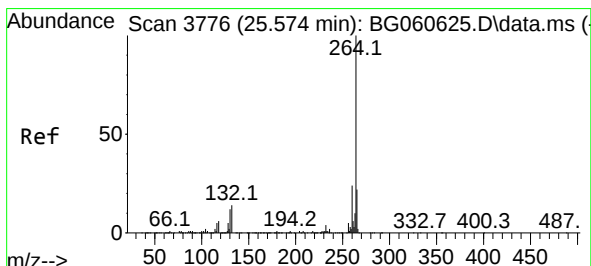
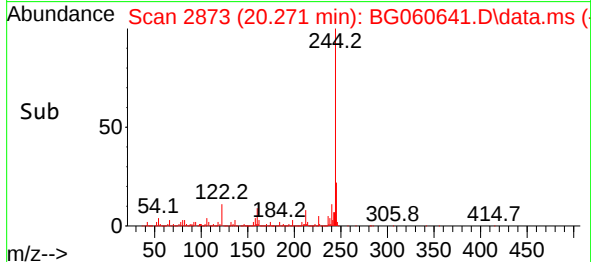
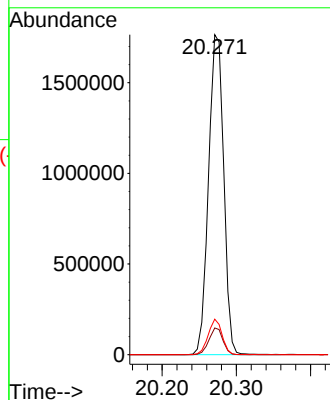
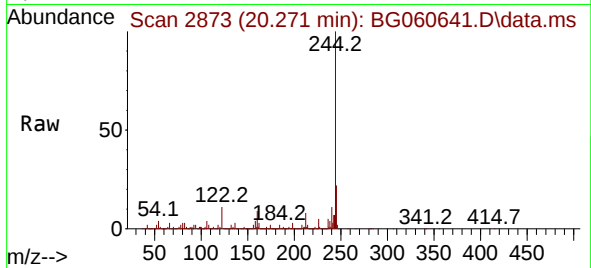




#79
 Terphenyl-d14
 Concen: 80.737 ng
 RT: 20.271 min Scan# 21
 Delta R.T. -0.010 min
 Lab File: BG060641.D
 Acq: 14 Mar 2024 16:33

Instrument :
 BNA_G
 ClientSampleId :
 WC-3

Tgt Ion:244 Resp: 2507509
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.6 9.8
 122 11.1 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.565 min Scan# 3774
 Delta R.T. -0.010 min
 Lab File: BG060641.D
 Acq: 14 Mar 2024 16:33

Tgt Ion:264 Resp: 635565
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.4 29.2
 265 21.9 18.1 27.1

