

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031524\
 Data File : BG060674.D
 Acq On : 15 Mar 2024 22:13
 Operator : MA/JU
 Sample : P1767-01DL 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NB-07-031424DL

Quant Time: Mar 15 23:42:39 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)

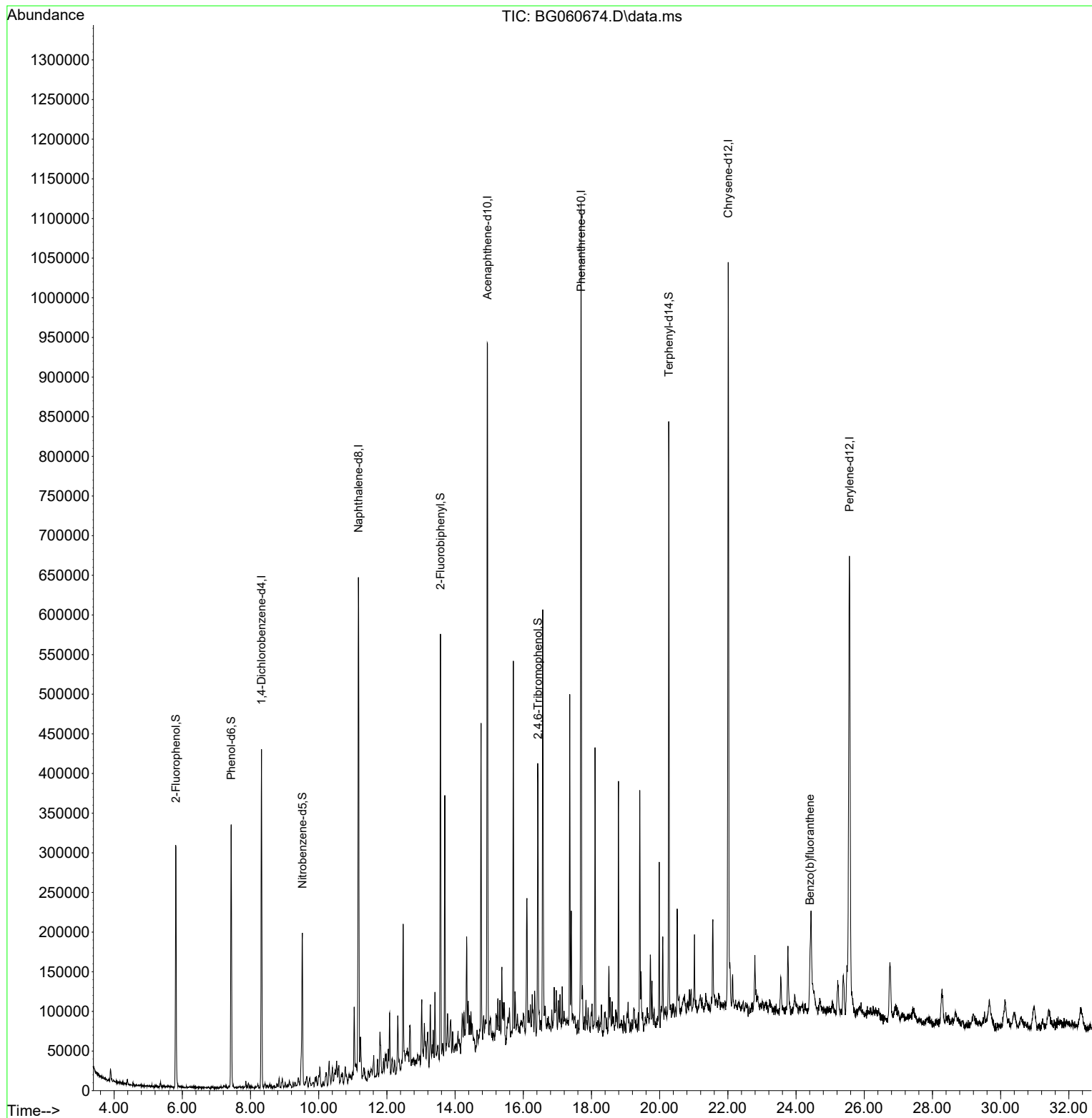
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.322	152	115434	20.000	ng	0.00
21) Naphthalene-d8	11.166	136	518463	20.000	ng	0.00
39) Acenaphthene-d10	14.950	164	319554	20.000	ng	0.00
64) Phenanthrene-d10	17.694	188	626378	20.000	ng	0.00
76) Chrysene-d12	22.012	240	579556	20.000	ng	-0.01
86) Perylene-d12	25.567	264	679991	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.814	112	131888	17.961	ng	0.00
7) Phenol-d6	7.435	99	194389	18.249	ng	0.00
23) Nitrobenzene-d5	9.521	82	116123	11.657	ng	0.00
42) 2,4,6-Tribromophenol	16.431	330	63788	17.226	ng	0.00
45) 2-Fluorobiphenyl	13.569	172	266588	11.279	ng	0.00
79) Terphenyl-d14	20.267	244	378932	11.818	ng	-0.01
Target Compounds						
88) Benzo(b)fluoranthene	24.410	252	75957	2.030	ng	Qvalue # 95

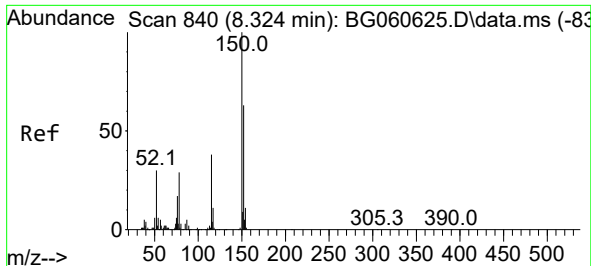
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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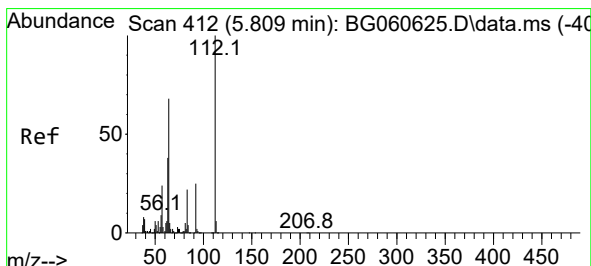
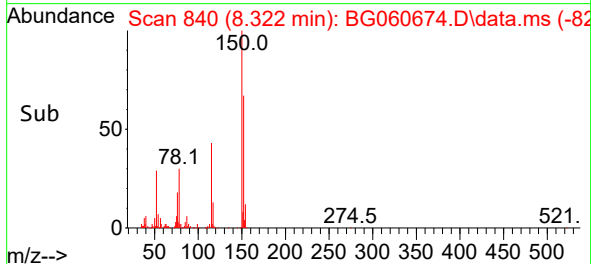
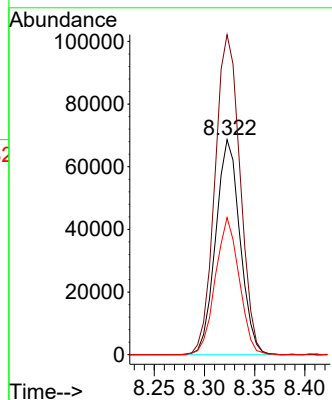
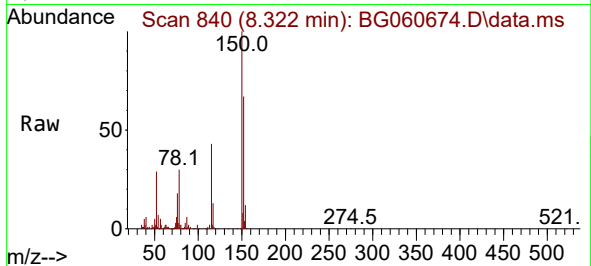




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.322 min Scan# 841
Delta R.T. -0.002 min
Lab File: BG060674.D
Acq: 15 Mar 2024 22:13

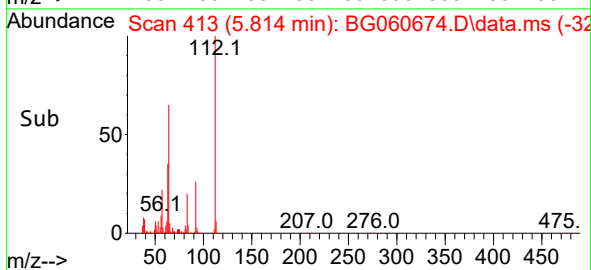
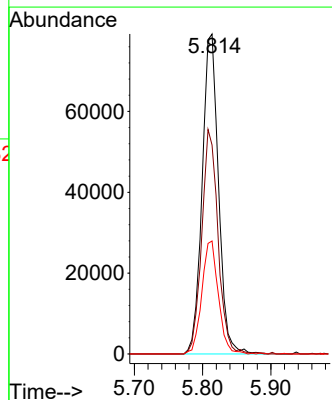
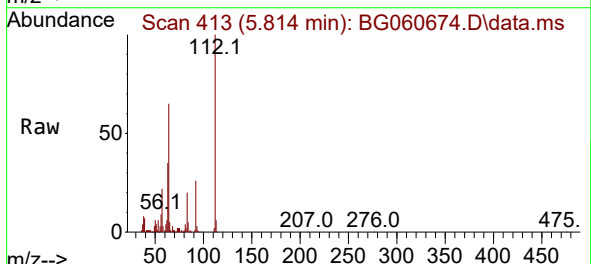
Instrument :
BNA_G
ClientSampleId :
NB-07-031424DL

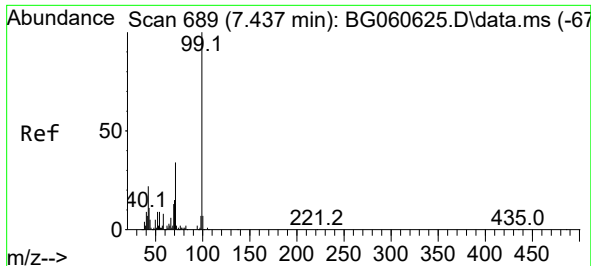
Tgt Ion:152 Resp: 115434
Ion Ratio Lower Upper
152 100
150 148.8 126.6 190.0
115 63.8 47.8 71.8



#5
2-Fluorophenol
Concen: 17.961 ng
RT: 5.814 min Scan# 413
Delta R.T. 0.004 min
Lab File: BG060674.D
Acq: 15 Mar 2024 22:13

Tgt Ion:112 Resp: 131888
Ion Ratio Lower Upper
112 100
64 65.3 54.1 81.1
63 35.3 30.3 45.5

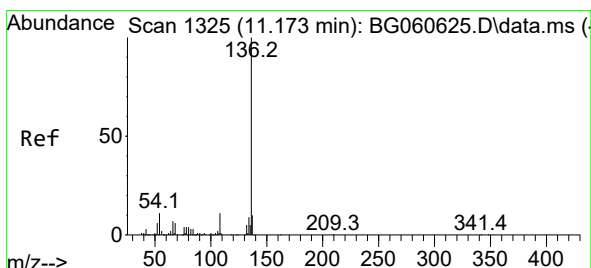
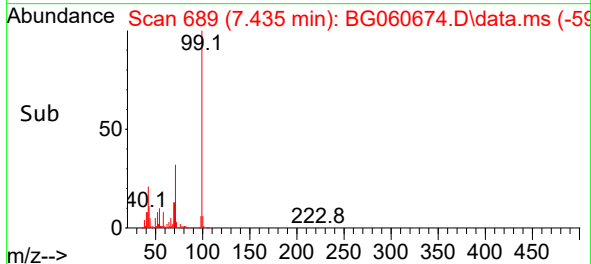
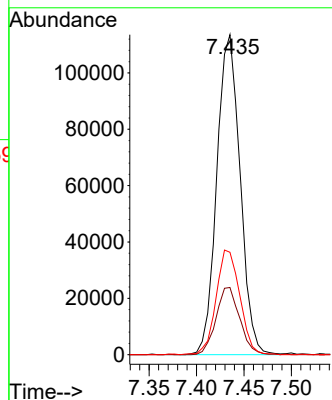
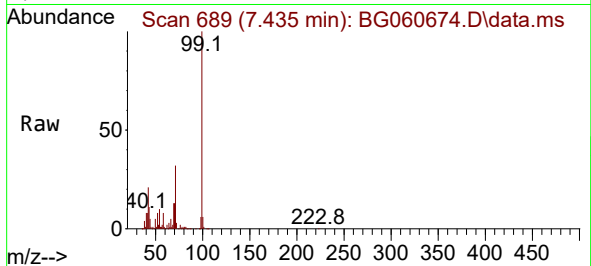




#7
Phenol-d6
Concen: 18.249 ng
RT: 7.435 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG060674.D
Acq: 15 Mar 2024 22:13

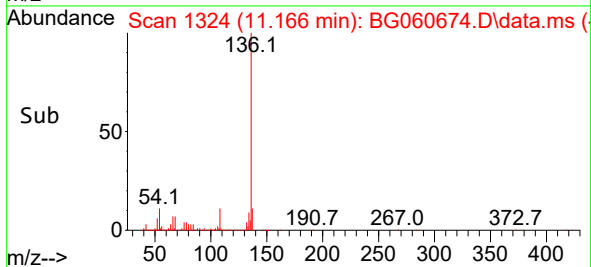
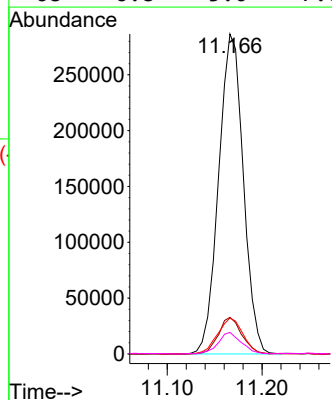
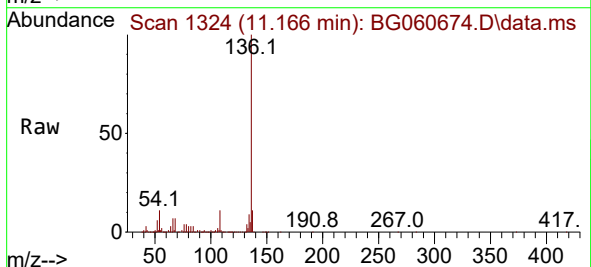
Instrument :
BNA_G
ClientSampleId :
NB-07-031424DL

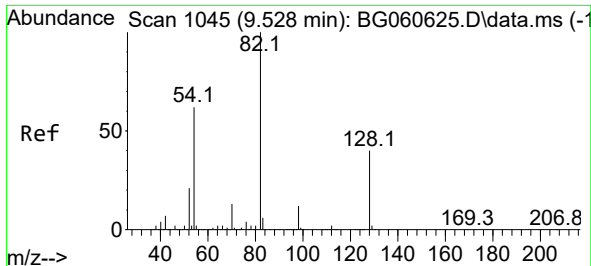
Tgt Ion: 99 Resp: 194389
Ion Ratio Lower Upper
99 100
42 21.0 17.5 26.3
71 32.0 27.4 41.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.166 min Scan# 1324
Delta R.T. -0.007 min
Lab File: BG060674.D
Acq: 15 Mar 2024 22:13

Tgt Ion:136 Resp: 518463
Ion Ratio Lower Upper
136 100
137 11.5 8.4 12.6
54 11.3 8.5 12.7
68 6.8 5.0 7.6





#23

Nitrobenzene-d5

Concen: 11.657 ng

RT: 9.521 min Scan# 1044

Delta R.T. -0.007 min

Lab File: BG060674.D

Acq: 15 Mar 2024 22:13

Instrument :

BNA_G

ClientSampleId :

NB-07-031424DL

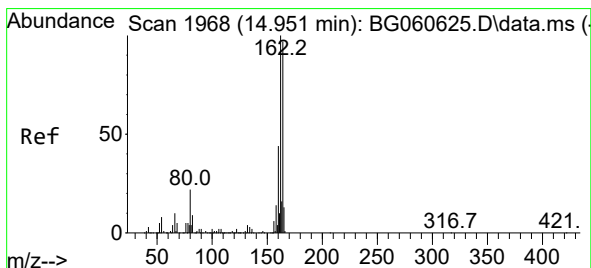
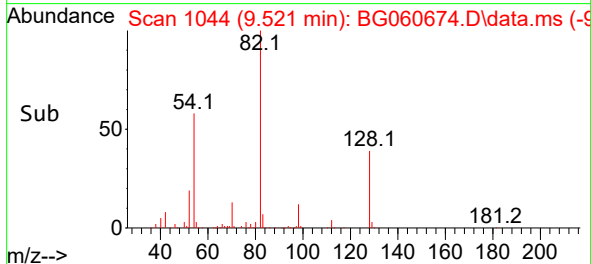
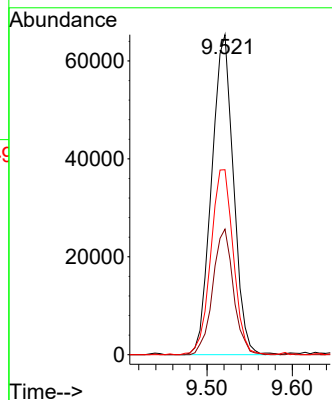
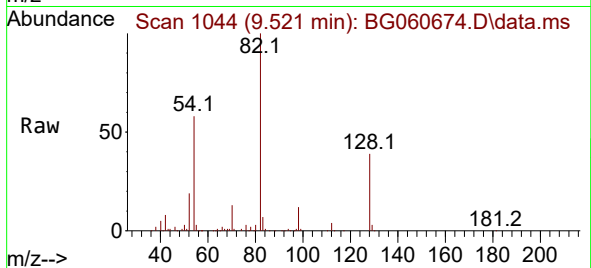
Tgt Ion: 82 Resp: 116123

Ion Ratio Lower Upper

82 100

128 39.3 31.6 47.4

54 57.8 49.3 73.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.950 min Scan# 1968

Delta R.T. -0.001 min

Lab File: BG060674.D

Acq: 15 Mar 2024 22:13

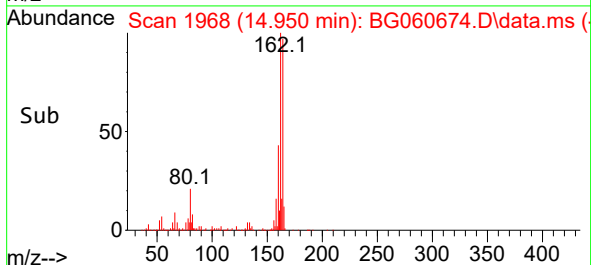
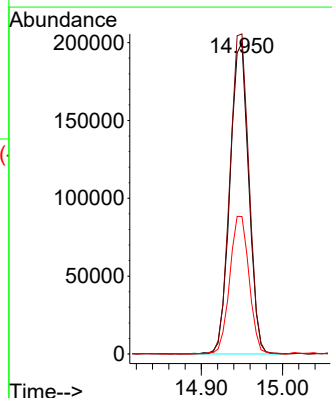
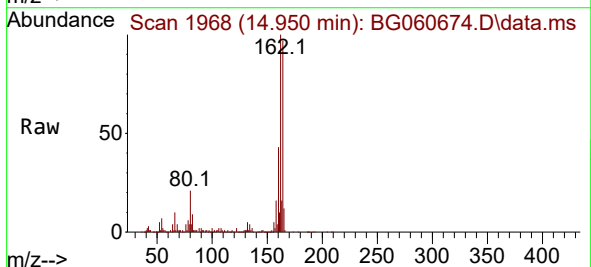
Tgt Ion:164 Resp: 319554

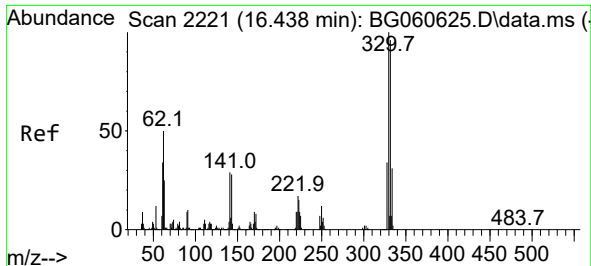
Ion Ratio Lower Upper

164 100

162 102.8 82.5 123.7

160 44.2 36.4 54.6

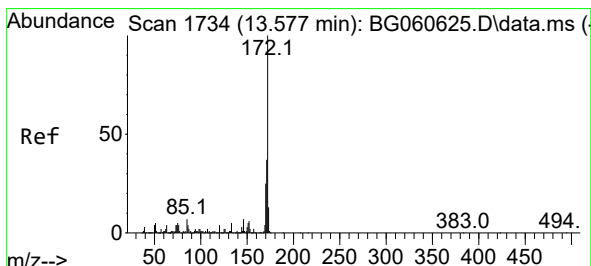
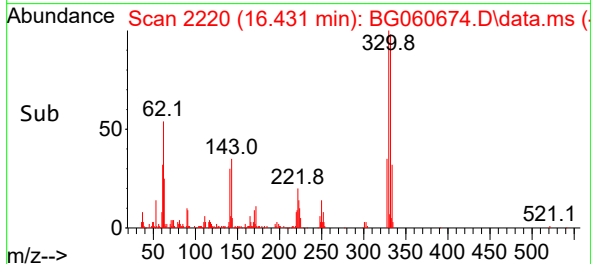
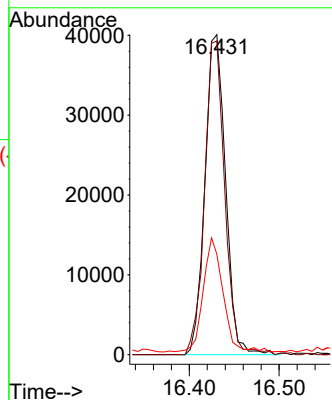
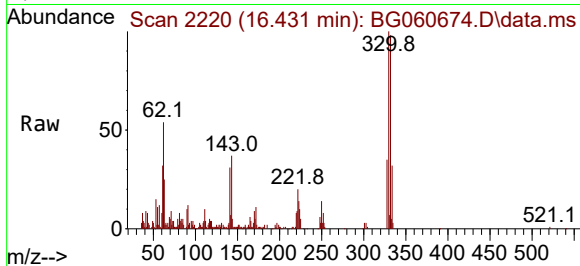




#42
2,4,6-Tribromophenol
Concen: 17.226 ng
RT: 16.431 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG060674.D
Acq: 15 Mar 2024 22:13

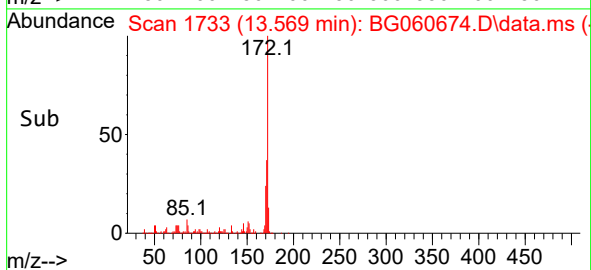
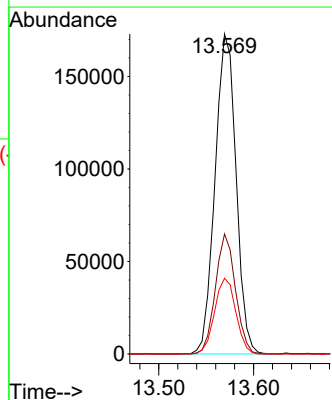
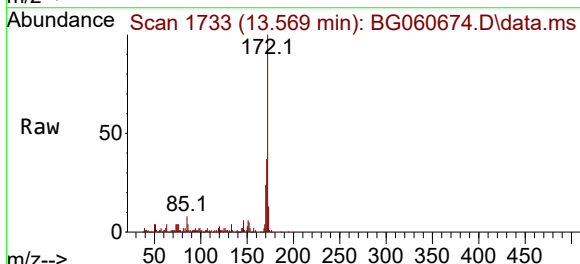
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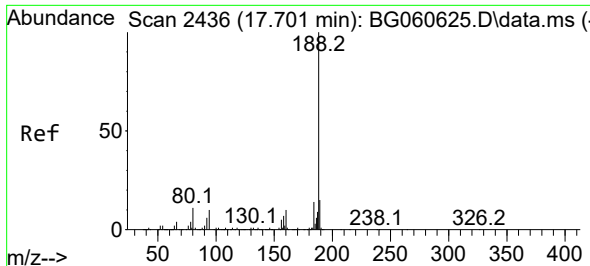
Tgt Ion:330 Resp: 63788
Ion Ratio Lower Upper
330 100
332 96.1 77.8 116.8
141 33.6 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 11.279 ng
RT: 13.569 min Scan# 1733
Delta R.T. -0.007 min
Lab File: BG060674.D
Acq: 15 Mar 2024 22:13

Tgt Ion:172 Resp: 266588
Ion Ratio Lower Upper
172 100
171 37.5 29.9 44.9
170 23.6 19.8 29.6

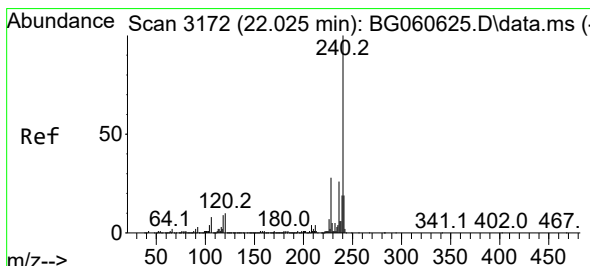
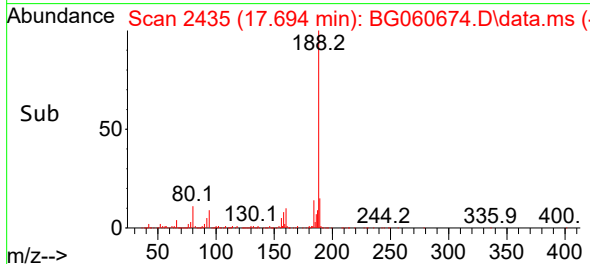
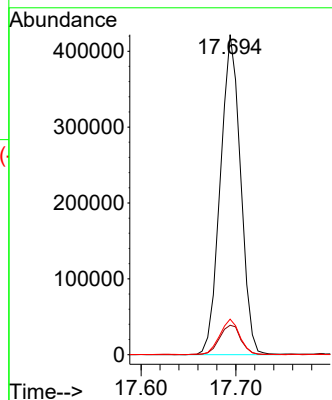
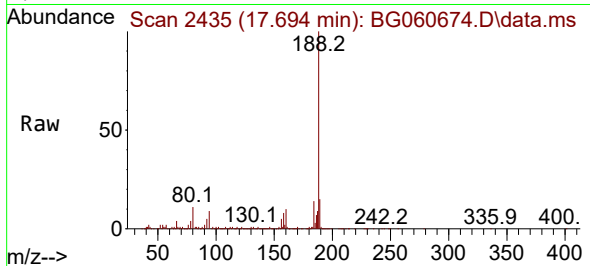




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.694 min Scan# 2435
Delta R.T. -0.007 min
Lab File: BG060674.D
Acq: 15 Mar 2024 22:13

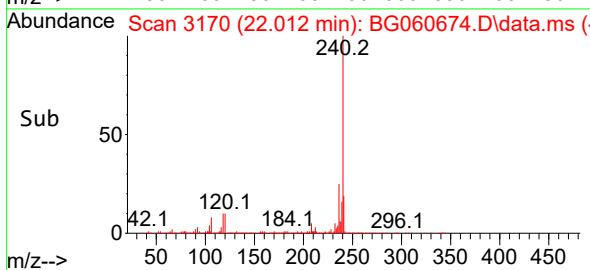
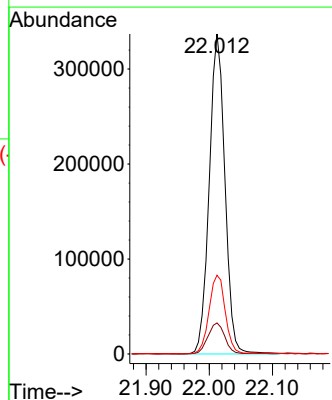
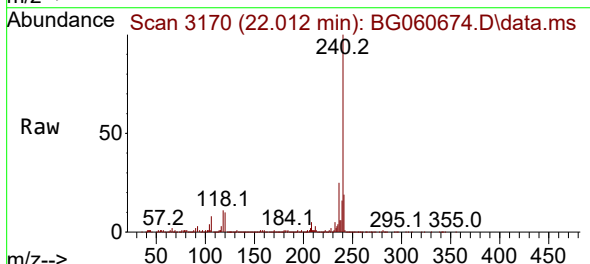
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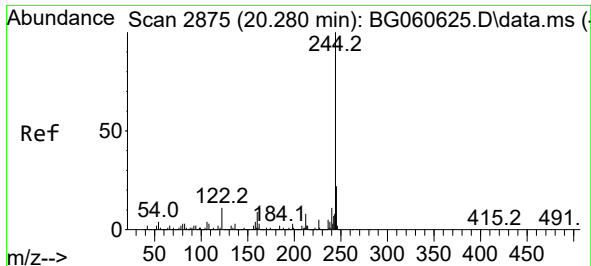
Tgt Ion:188 Resp: 626378
Ion Ratio Lower Upper
188 100
94 9.2 7.9 11.9
80 11.1 8.6 13.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.012 min Scan# 3170
Delta R.T. -0.013 min
Lab File: BG060674.D
Acq: 15 Mar 2024 22:13

Tgt Ion:240 Resp: 579556
Ion Ratio Lower Upper
240 100
120 9.7 7.8 11.8
236 24.6 20.6 31.0

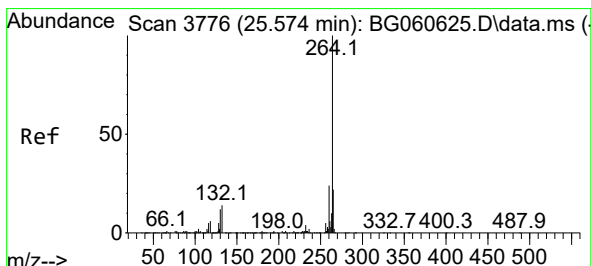
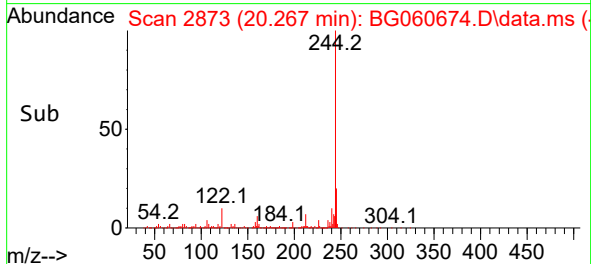
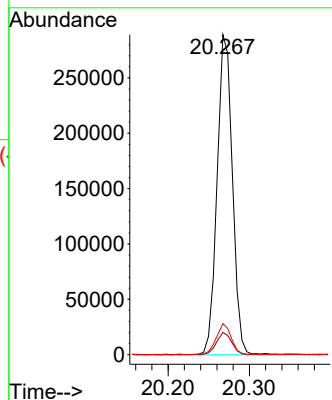
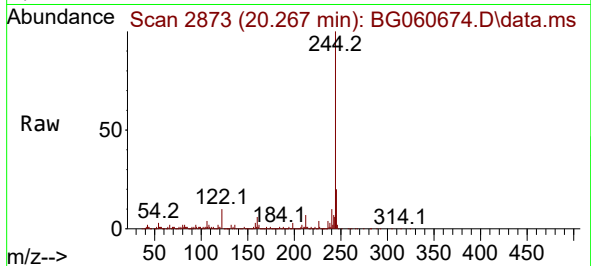




#79
 Terphenyl-d14
 Concen: 11.818 ng
 RT: 20.267 min Scan# 21
 Delta R.T. -0.013 min
 Lab File: BG060674.D
 Acq: 15 Mar 2024 22:13

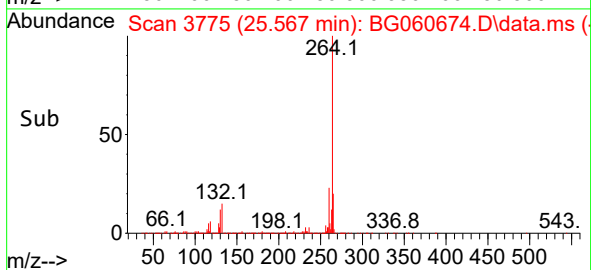
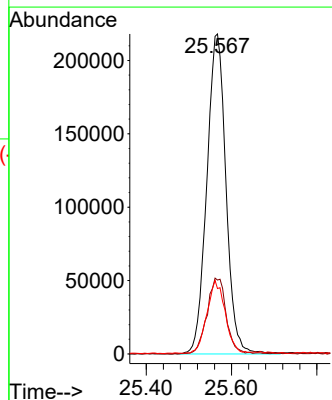
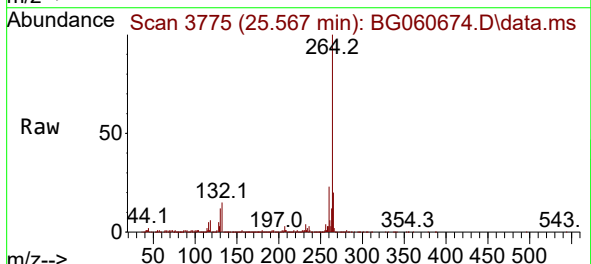
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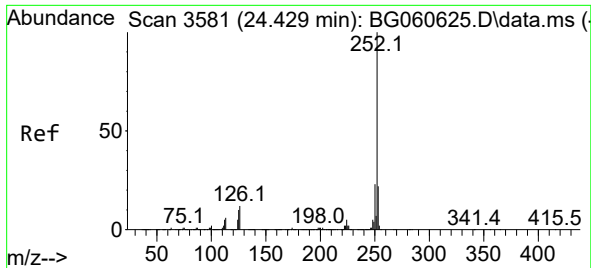
Tgt Ion:244 Resp: 378932
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.6 9.8
 122 9.7 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.567 min Scan# 3775
 Delta R.T. -0.007 min
 Lab File: BG060674.D
 Acq: 15 Mar 2024 22:13

Tgt Ion:264 Resp: 679991
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.4 29.2
 265 20.4 18.1 27.1





#88
 Benzo(b)fluoranthene
 Concen: 2.030 ng
 RT: 24.410 min Scan# 31
 Delta R.T. -0.019 min
 Lab File: BG060674.D
 Acq: 15 Mar 2024 22:13

Instrument :
 BNA_G
 ClientSampleId :
 NB-07-031424DL

Tgt Ion:252 Resp: 75957
 Ion Ratio Lower Upper
 252 100
 253 22.8 17.6 26.4
 125 14.8 7.8 11.6#

