

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031424\
 Data File : BG060650.D
 Acq On : 15 Mar 2024 23:20
 Operator : MA/JU
 Sample : PB159586BL
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB159586BL

Quant Time: Mar 15 03:29:49 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	8.319	152	87880	20.000	ng	0.00
21) Naphthalene-d8	11.169	136	398324	20.000	ng	0.00
39) Acenaphthene-d10	14.947	164	273634	20.000	ng	0.00
64) Phenanthrene-d10	17.697	188	611698	20.000	ng	0.00
76) Chrysene-d12	22.009	240	536075	20.000	ng	-0.02
86) Perylene-d12	25.564	264	604634	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.811	112	819045	146.510	ng	0.00
7) Phenol-d6	7.438	99	1115204	137.519	ng	0.00
23) Nitrobenzene-d5	9.518	82	664309	86.796	ng	-0.01
42) 2,4,6-Tribromophenol	16.433	330	428713	135.204	ng	0.00
45) 2-Fluorobiphenyl	13.572	172	1717861	84.881	ng	0.00
79) Terphenyl-d14	20.270	244	2571969	86.722	ng	-0.01

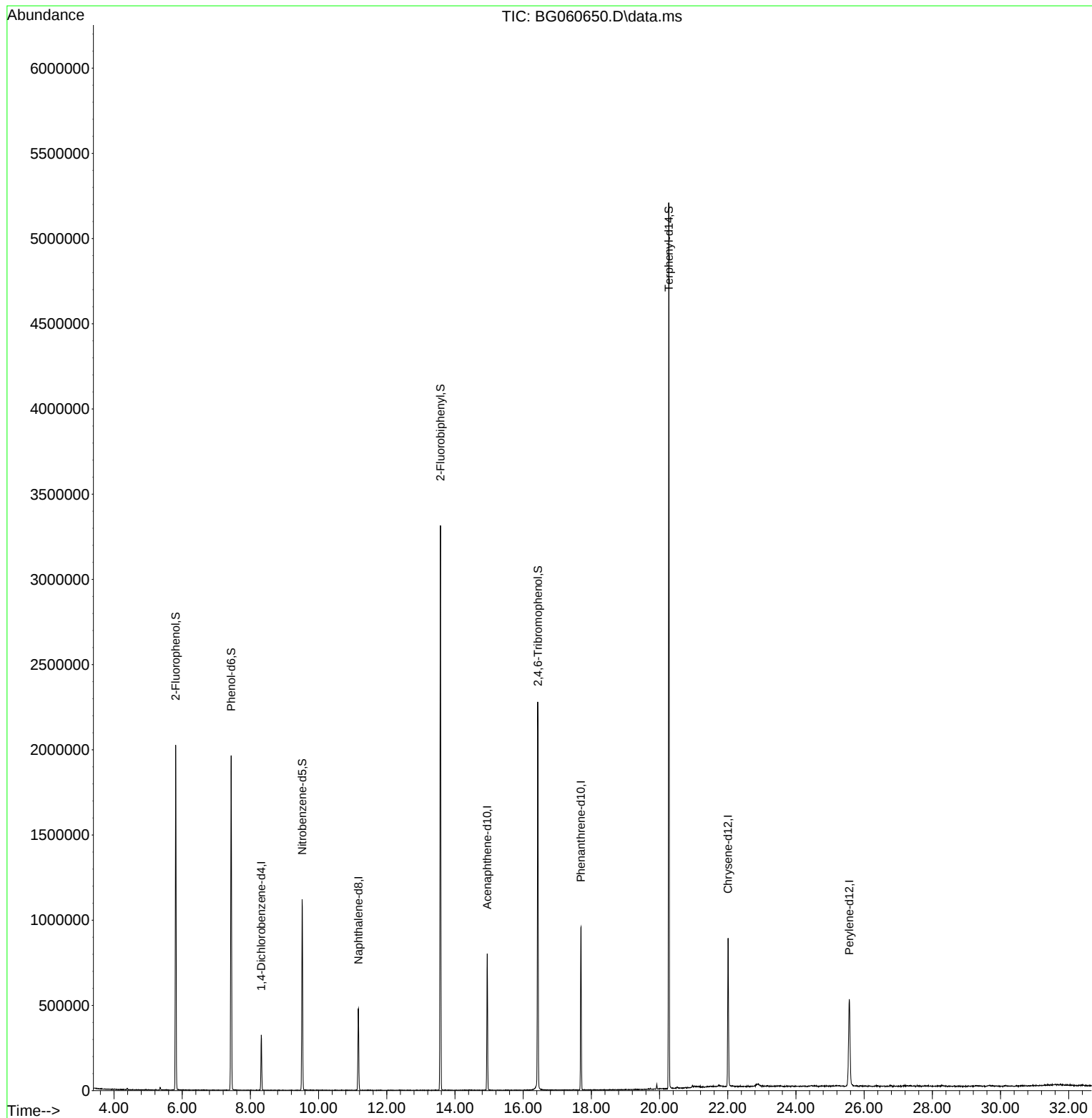
Target Compounds	Qvalue

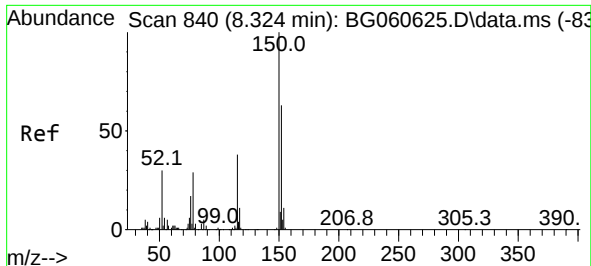
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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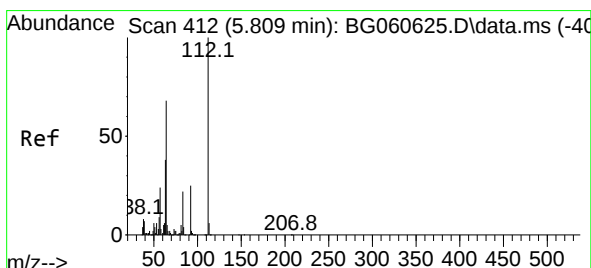
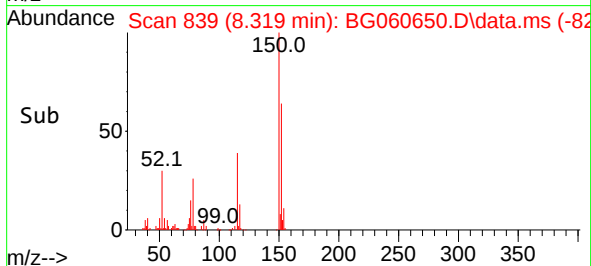
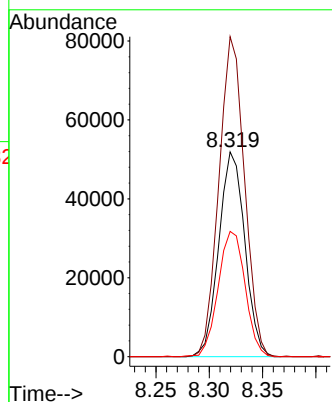
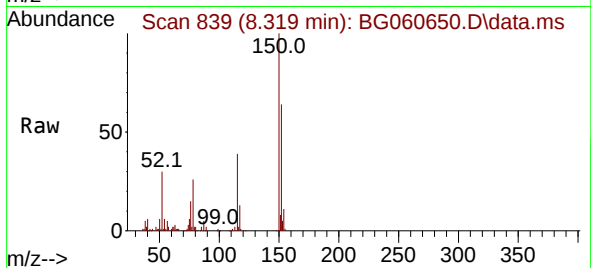




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.319 min Scan# 81
 Delta R.T. -0.005 min
 Lab File: BG060650.D
 Acq: 15 Mar 2024 23:20

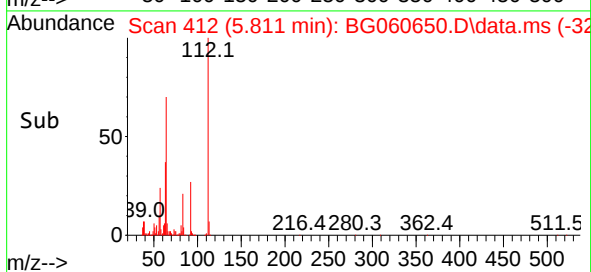
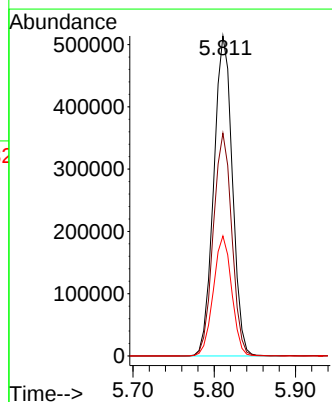
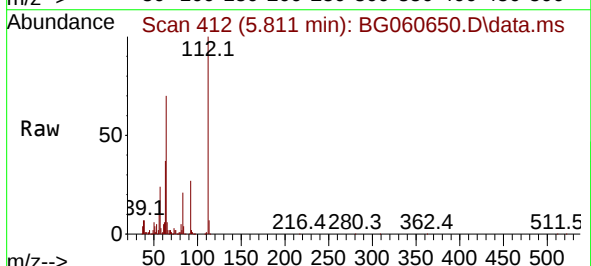
Instrument :
 BNA_G
 ClientSampleId :
 PB159586BL

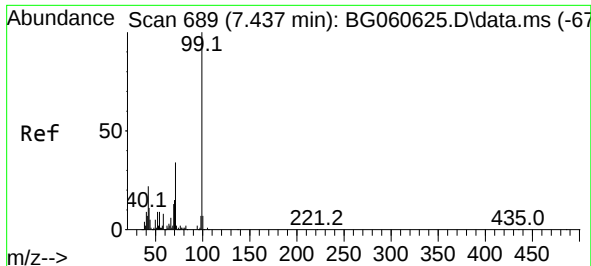
Tgt Ion:152 Resp: 87880
 Ion Ratio Lower Upper
 152 100
 150 156.3 126.6 190.0
 115 61.2 47.8 71.8



#5
 2-Fluorophenol
 Concen: 146.510 ng
 RT: 5.811 min Scan# 412
 Delta R.T. 0.001 min
 Lab File: BG060650.D
 Acq: 15 Mar 2024 23:20

Tgt Ion:112 Resp: 819045
 Ion Ratio Lower Upper
 112 100
 64 69.6 54.1 81.1
 63 37.5 30.3 45.5



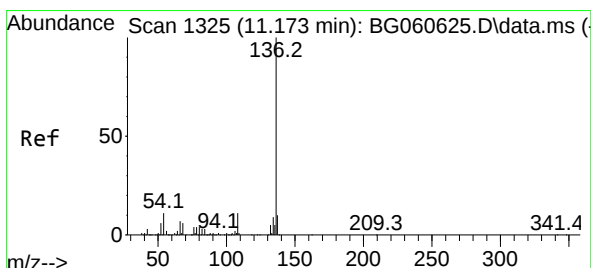
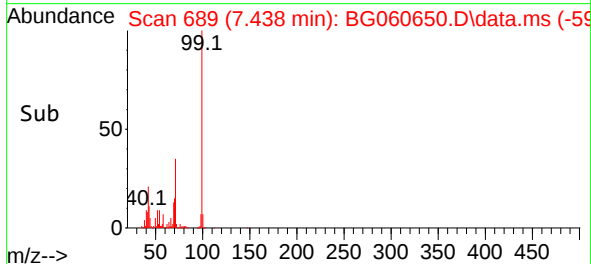
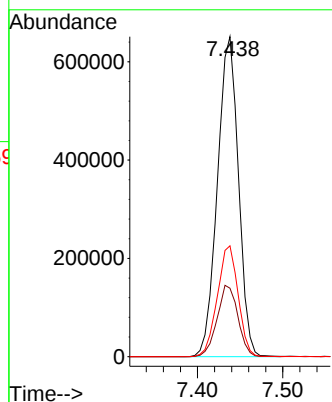
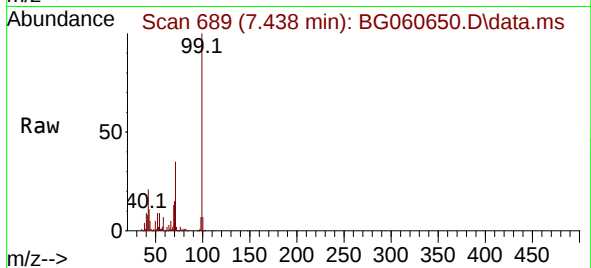


#7
Phenol-d6
Concen: 137.519 ng
RT: 7.438 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG060650.D
Acq: 15 Mar 2024 23:20

Instrument :
BNA_G
ClientSampleId :
PB159586BL

Tgt Ion: 99 Resp: 1115204

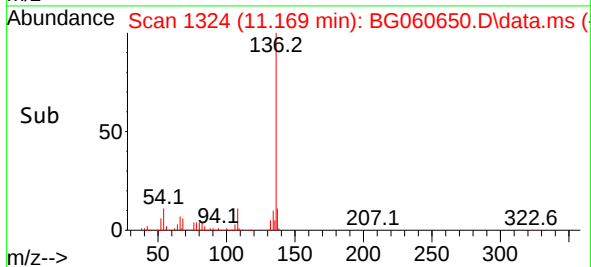
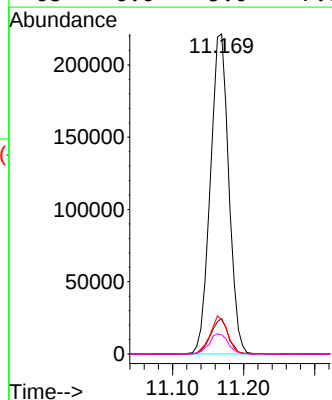
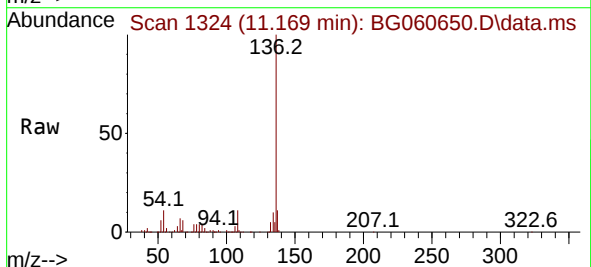
Ion	Ratio	Lower	Upper
99	100		
42	21.4	17.5	26.3
71	34.7	27.4	41.0

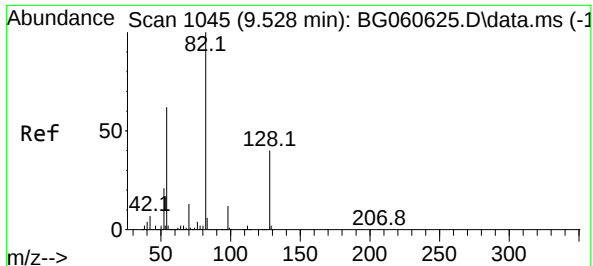


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.169 min Scan# 1324
Delta R.T. -0.004 min
Lab File: BG060650.D
Acq: 15 Mar 2024 23:20

Tgt Ion: 136 Resp: 398324

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.4	12.6
54	10.7	8.5	12.7
68	6.0	5.0	7.6





#23

Nitrobenzene-d5

Concen: 86.796 ng

RT: 9.518 min Scan# 1043

Delta R.T. -0.010 min

Lab File: BG060650.D

Acq: 15 Mar 2024 23:20

Instrument :

BNA_G

ClientSampleId :

PB159586BL

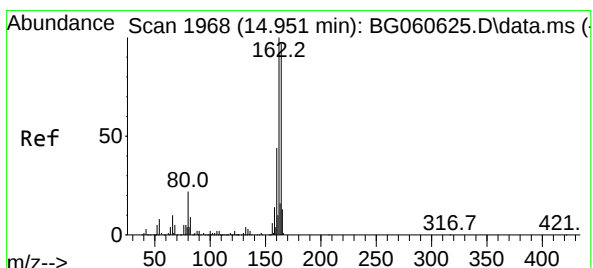
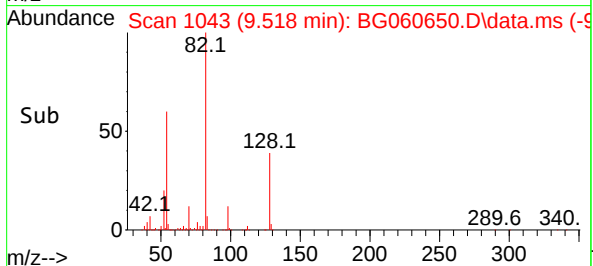
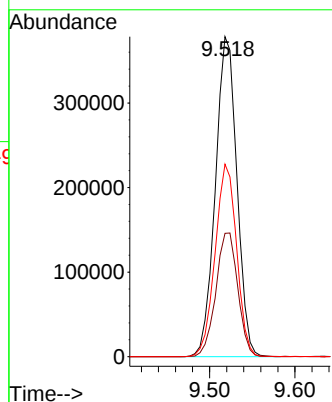
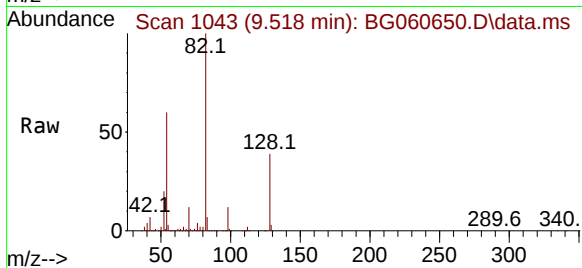
Tgt Ion: 82 Resp: 664309

Ion Ratio Lower Upper

82 100

128 38.5 31.6 47.4

54 60.2 49.3 73.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.947 min Scan# 1967

Delta R.T. -0.004 min

Lab File: BG060650.D

Acq: 15 Mar 2024 23:20

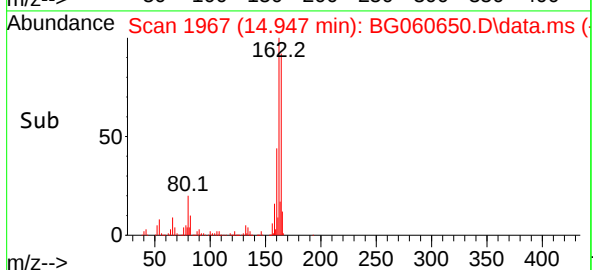
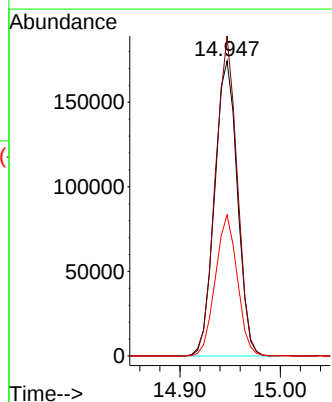
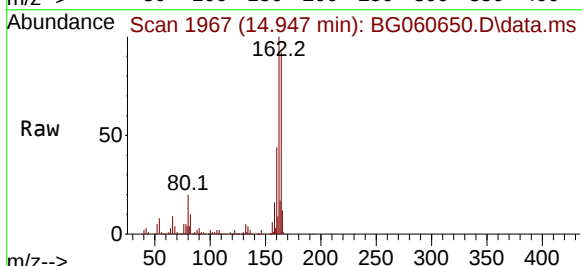
Tgt Ion:164 Resp: 273634

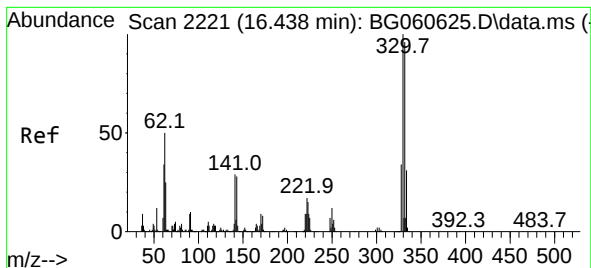
Ion Ratio Lower Upper

164 100

162 108.5 82.5 123.7

160 47.8 36.4 54.6





#42

2,4,6-Tribromophenol

Concen: 135.204 ng

RT: 16.433 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG060650.D

Acq: 15 Mar 2024 23:20

Instrument :

BNA_G

ClientSampleId :

PB159586BL

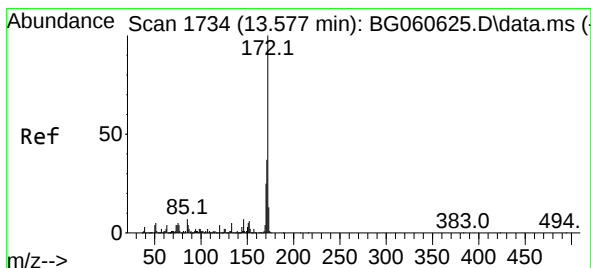
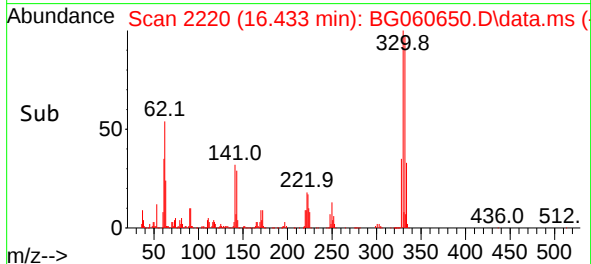
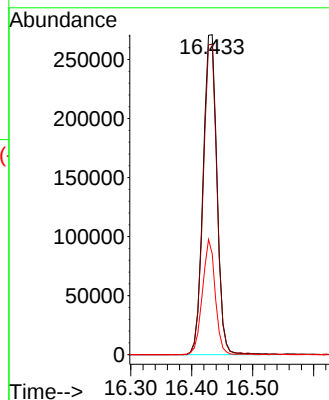
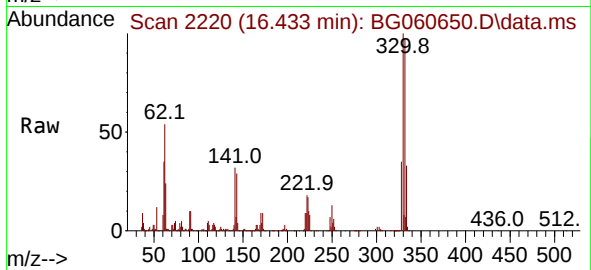
Tgt Ion:330 Resp: 428713

Ion Ratio Lower Upper

330 100

332 96.5 77.8 116.8

141 33.4 25.4 38.2



#45

2-Fluorobiphenyl

Concen: 84.881 ng

RT: 13.572 min Scan# 1733

Delta R.T. -0.004 min

Lab File: BG060650.D

Acq: 15 Mar 2024 23:20

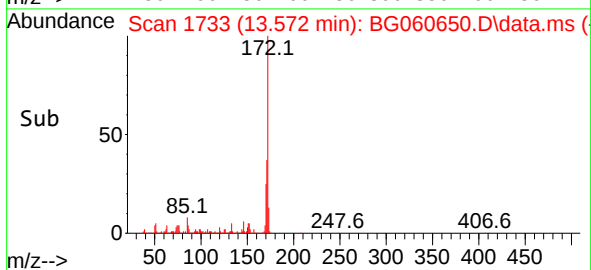
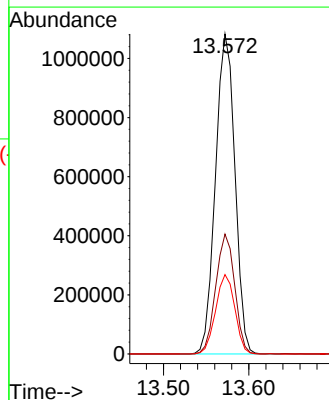
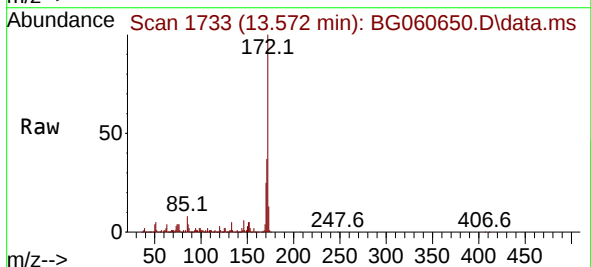
Tgt Ion:172 Resp: 1717861

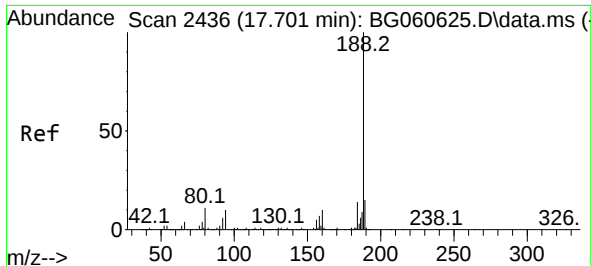
Ion Ratio Lower Upper

172 100

171 37.5 29.9 44.9

170 24.8 19.8 29.6

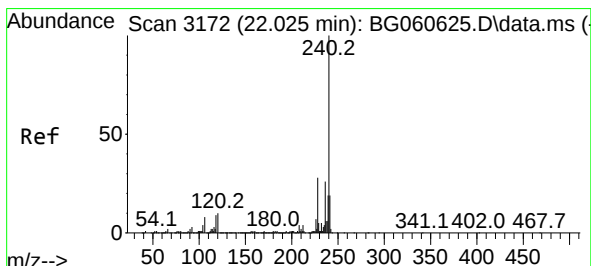
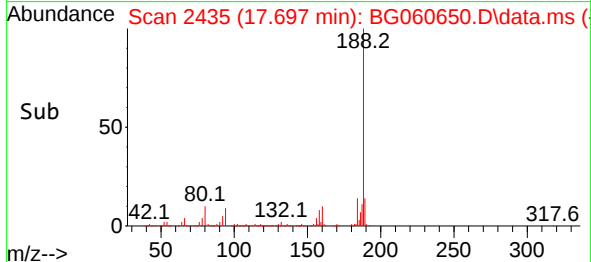
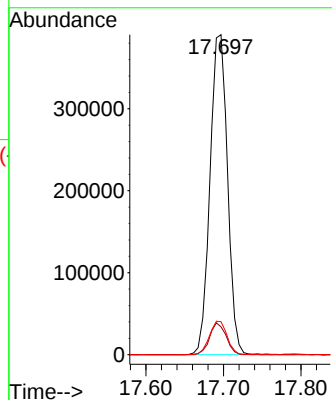
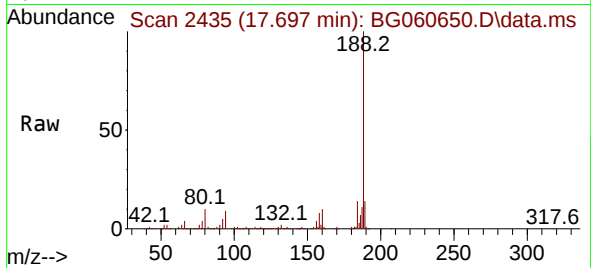




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.697 min Scan# 2436
Delta R.T. -0.004 min
Lab File: BG060650.D
Acq: 15 Mar 2024 23:20

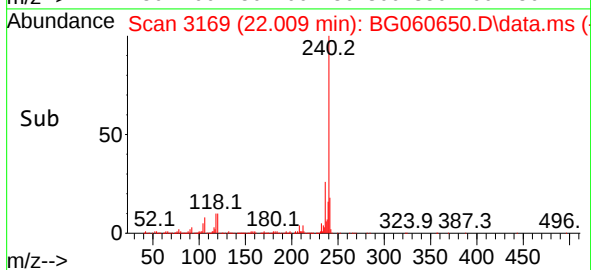
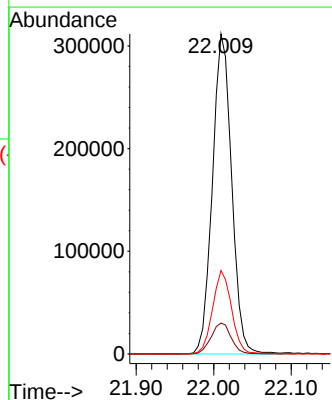
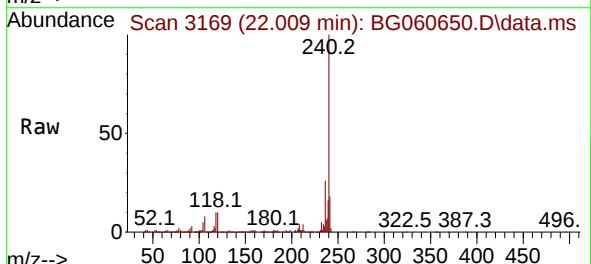
Instrument :
BNA_G
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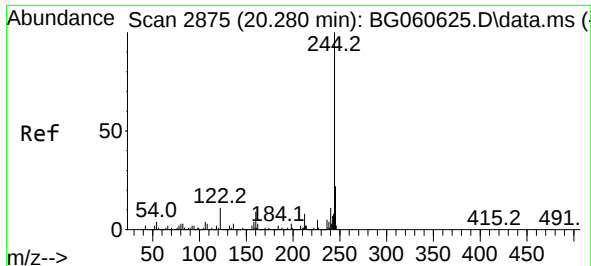
Tgt Ion:188 Resp: 611698
Ion Ratio Lower Upper
188 100
94 8.7 7.9 11.9
80 10.3 8.6 13.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.009 min Scan# 3169
Delta R.T. -0.016 min
Lab File: BG060650.D
Acq: 15 Mar 2024 23:20

Tgt Ion:240 Resp: 536075
Ion Ratio Lower Upper
240 100
120 9.7 7.8 11.8
236 26.1 20.6 31.0

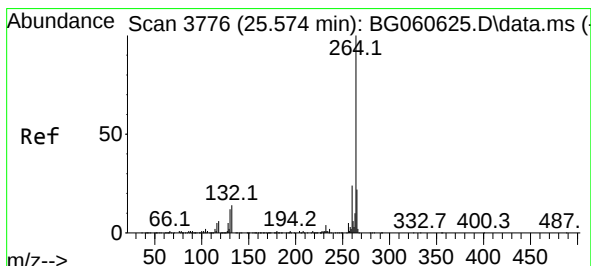
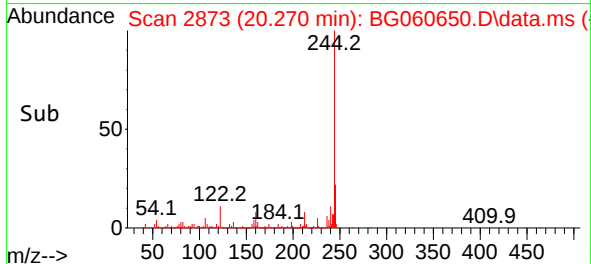
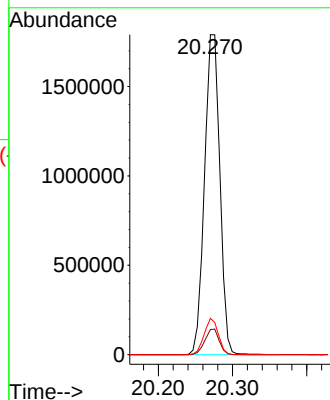
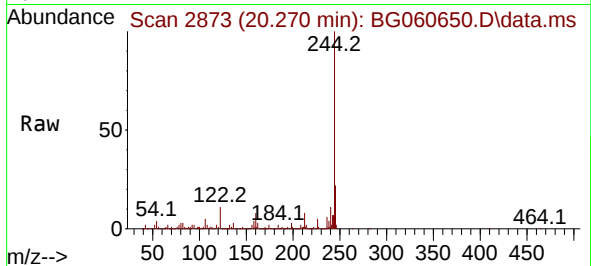




#79
 Terphenyl-d14
 Concen: 86.722 ng
 RT: 20.270 min Scan# 21
 Delta R.T. -0.010 min
 Lab File: BG060650.D
 Acq: 15 Mar 2024 23:20

Instrument :
 BNA_G
 ClientSampleId :
 PB159586BL

Tgt Ion:244 Resp: 2571969
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.6 9.8
 122 11.3 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.564 min Scan# 3774
 Delta R.T. -0.010 min
 Lab File: BG060650.D
 Acq: 15 Mar 2024 23:20

Tgt Ion:264 Resp: 604634
 Ion Ratio Lower Upper
 264 100
 260 22.6 19.4 29.2
 265 22.1 18.1 27.1

