

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031424\
 Data File : BG060635.D
 Acq On : 14 Mar 2024 12:28
 Operator : MA/JU
 Sample : PB159530TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB159530TB

Quant Time: Mar 14 14:06:09 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	8.325	152	92511	20.000	ng	0.00
21) Naphthalene-d8	11.169	136	421195	20.000	ng	0.00
39) Acenaphthene-d10	14.947	164	296205	20.000	ng	0.00
64) Phenanthrene-d10	17.697	188	661407	20.000	ng	0.00
76) Chrysene-d12	22.015	240	577301	20.000	ng	-0.01
86) Perylene-d12	25.570	264	650037	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.811	112	845653	143.697	ng	0.00
7) Phenol-d6	7.438	99	1185631	138.885	ng	0.00
23) Nitrobenzene-d5	9.524	82	710236	87.758	ng	0.00
42) 2,4,6-Tribromophenol	16.433	330	452326	131.781	ng	0.00
45) 2-Fluorobiphenyl	13.572	172	1822966	83.210	ng	0.00
79) Terphenyl-d14	20.276	244	2725525	85.337	ng	0.00

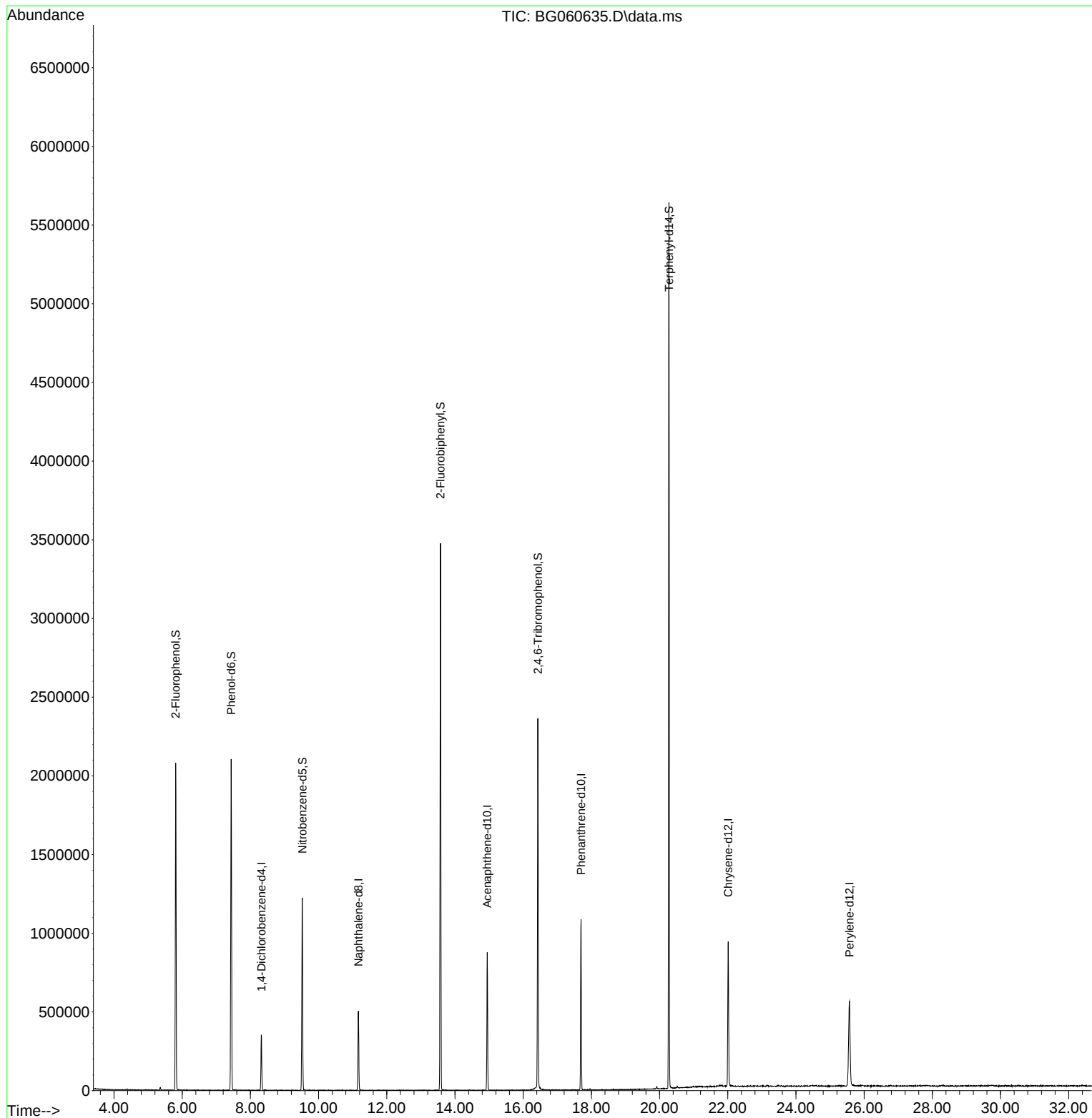
Target Compounds	Qvalue

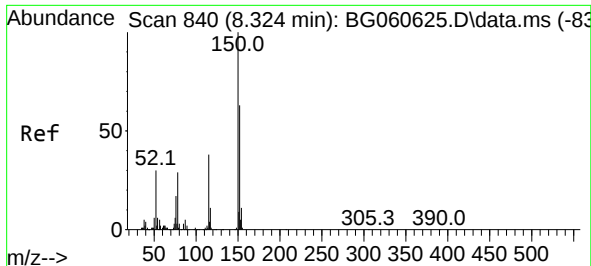
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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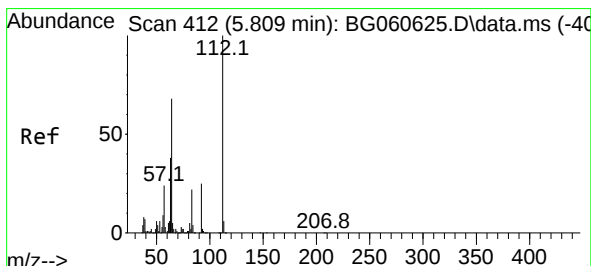
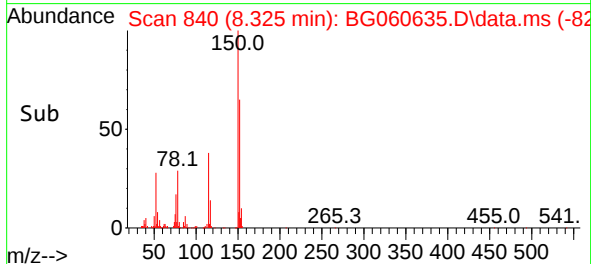
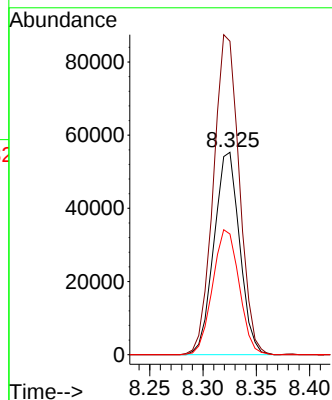
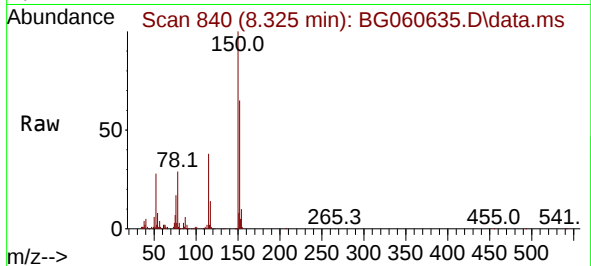




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.325 min Scan# 840
Delta R.T. 0.001 min
Lab File: BG060635.D
Acq: 14 Mar 2024 12:28

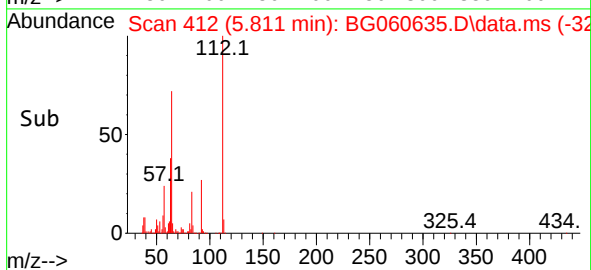
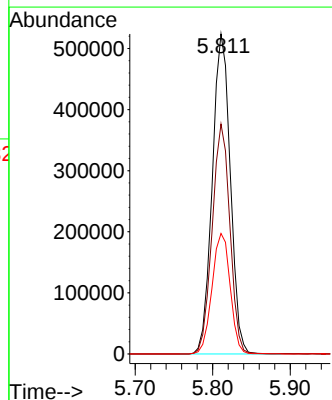
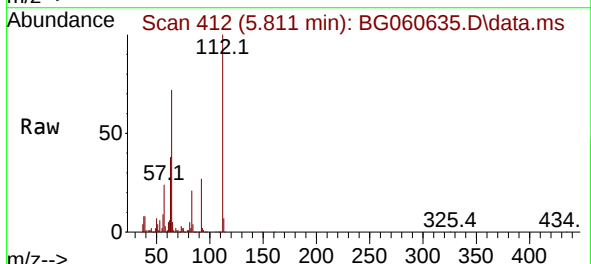
Instrument :
BNA_G
ClientSampleId :
PB159530TB

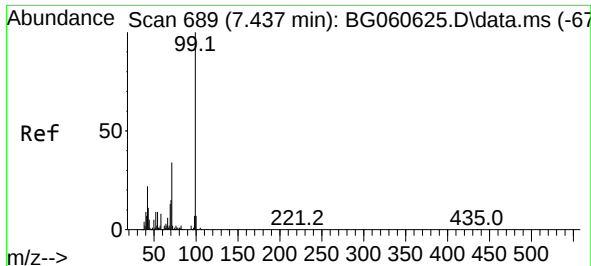
Tgt Ion:152 Resp: 92511
Ion Ratio Lower Upper
152 100
150 154.8 126.6 190.0
115 59.6 47.8 71.8



#5
2-Fluorophenol
Concen: 143.697 ng
RT: 5.811 min Scan# 412
Delta R.T. 0.001 min
Lab File: BG060635.D
Acq: 14 Mar 2024 12:28

Tgt Ion:112 Resp: 845653
Ion Ratio Lower Upper
112 100
64 71.9 54.1 81.1
63 37.7 30.3 45.5



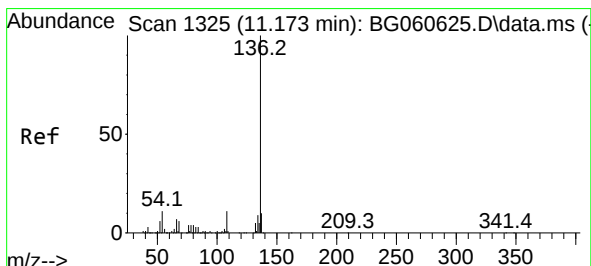
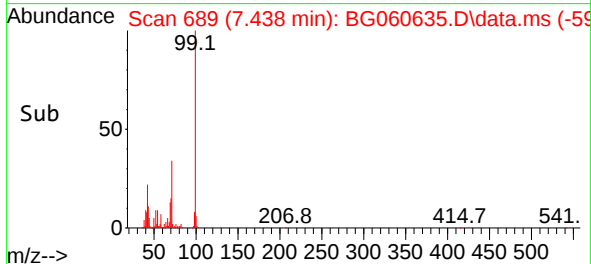
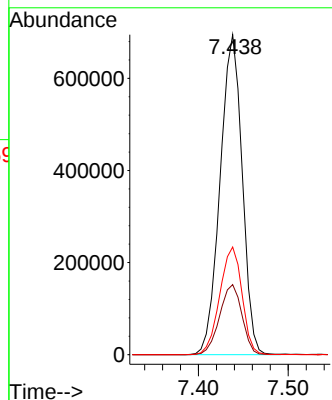
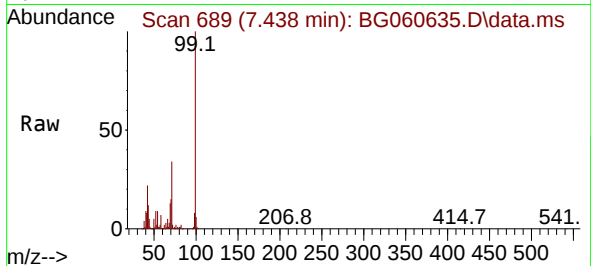


#7
Phenol-d6
Concen: 138.885 ng
RT: 7.438 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG060635.D
Acq: 14 Mar 2024 12:28

Instrument :
BNA_G
ClientSampleId :
PB159530TB

Tgt Ion: 99 Resp: 1185631

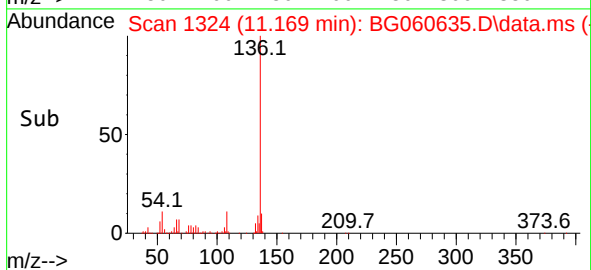
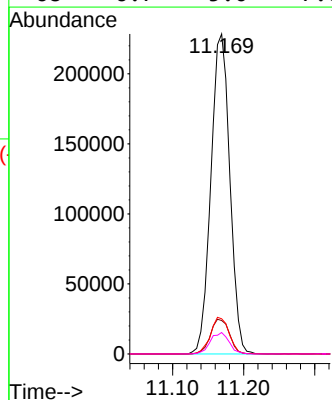
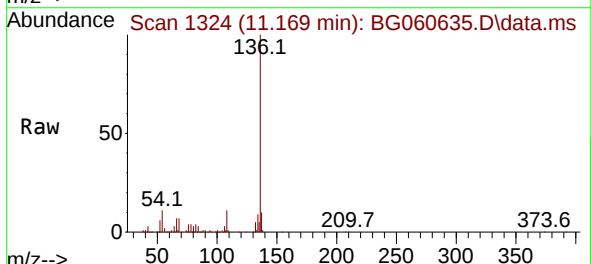
Ion	Ratio	Lower	Upper
99	100		
42	21.9	17.5	26.3
71	33.6	27.4	41.0

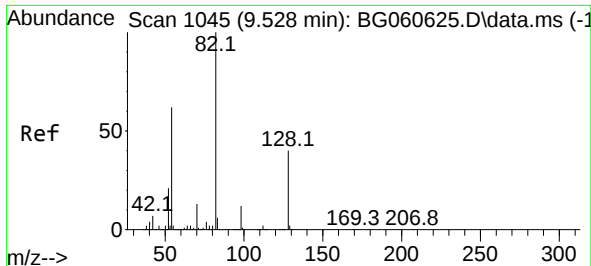


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.169 min Scan# 1324
Delta R.T. -0.004 min
Lab File: BG060635.D
Acq: 14 Mar 2024 12:28

Tgt Ion: 136 Resp: 421195

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.4	12.6
54	11.0	8.5	12.7
68	6.7	5.0	7.6





#23

Nitrobenzene-d5

Concen: 87.758 ng

RT: 9.524 min Scan# 1044

Delta R.T. -0.004 min

Lab File: BG060635.D

Acq: 14 Mar 2024 12:28

Instrument :

BNA_G

ClientSampleId :

PB159530TB

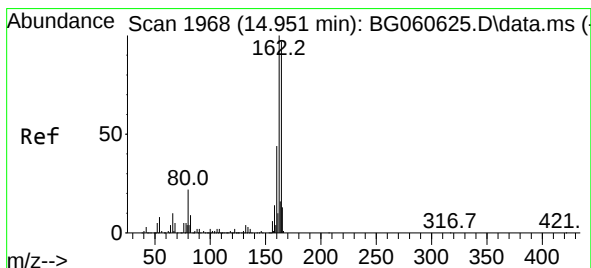
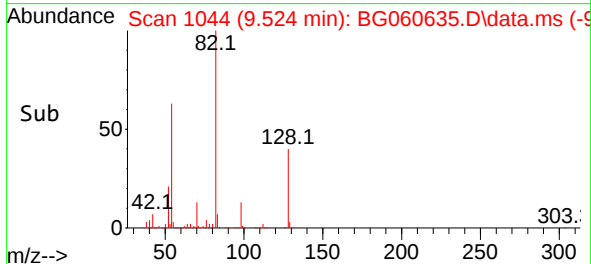
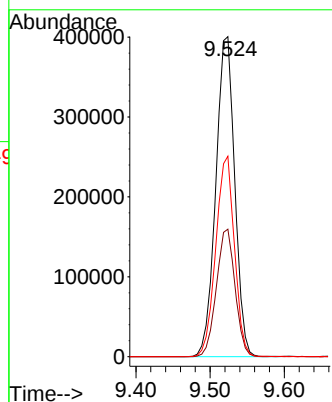
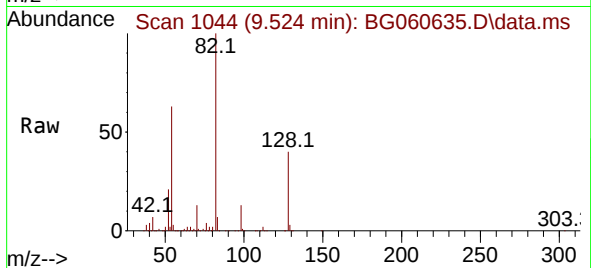
Tgt Ion: 82 Resp: 710236

Ion Ratio Lower Upper

82 100

128 39.9 31.6 47.4

54 62.7 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: BG060635.D

Acq: 14 Mar 2024 12:28

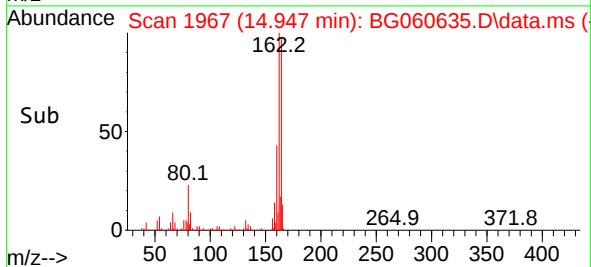
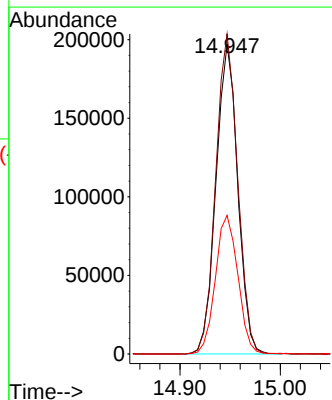
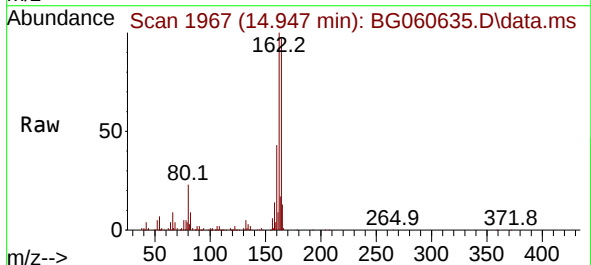
Tgt Ion:164 Resp: 296205

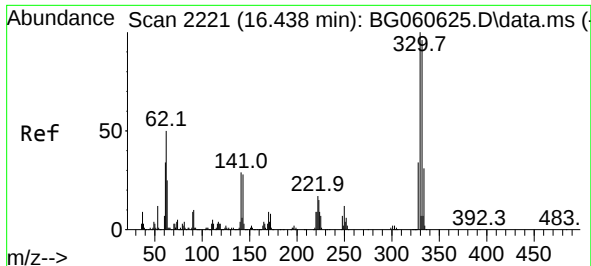
Ion Ratio Lower Upper

164 100

162 103.3 82.5 123.7

160 44.7 36.4 54.6

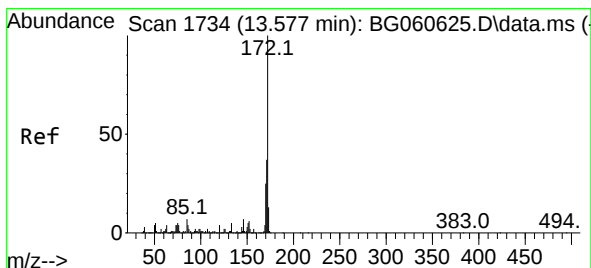
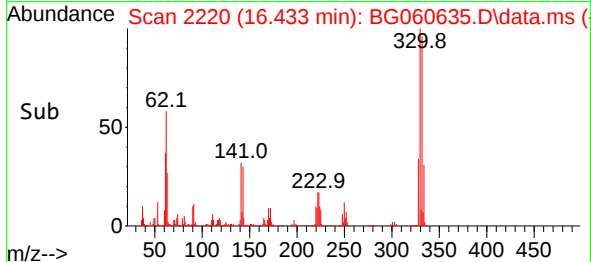
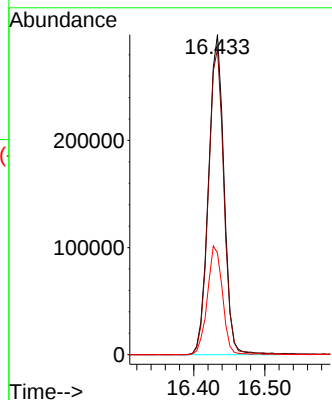
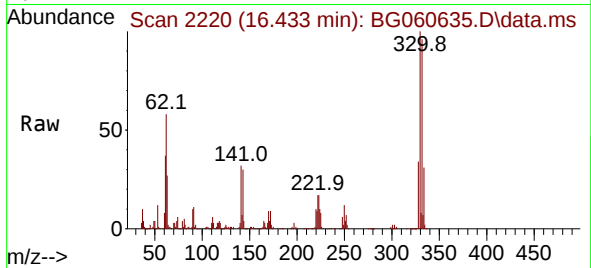




#42
2,4,6-Tribromophenol
Concen: 131.781 ng
RT: 16.433 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG060635.D
Acq: 14 Mar 2024 12:28

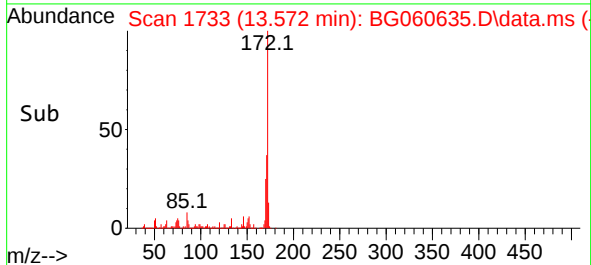
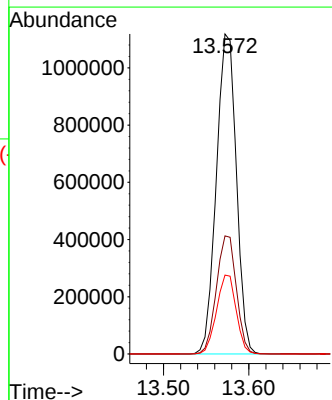
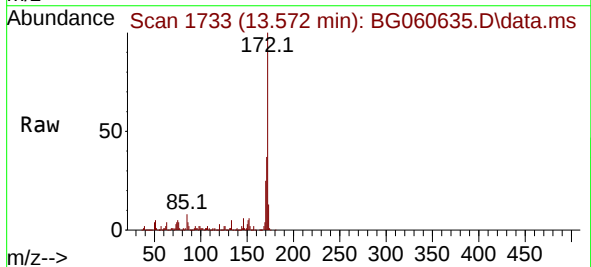
Instrument :
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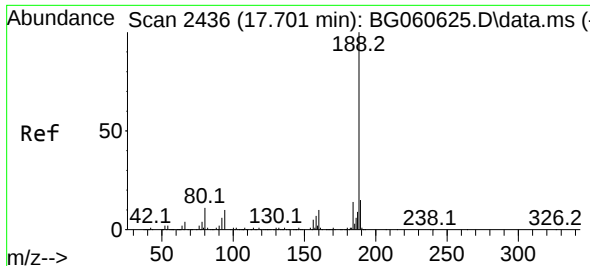
Tgt Ion:330 Resp: 452326
Ion Ratio Lower Upper
330 100
332 95.5 77.8 116.8
141 33.2 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 83.210 ng
RT: 13.572 min Scan# 1733
Delta R.T. -0.004 min
Lab File: BG060635.D
Acq: 14 Mar 2024 12:28

Tgt Ion:172 Resp: 1822966
Ion Ratio Lower Upper
172 100
171 36.9 29.9 44.9
170 24.7 19.8 29.6

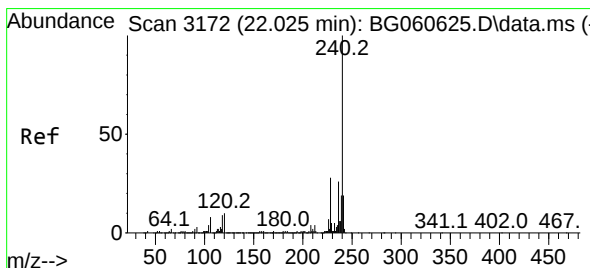
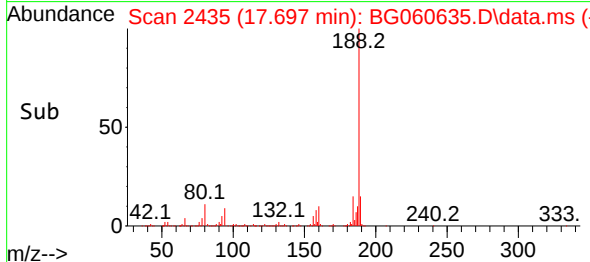
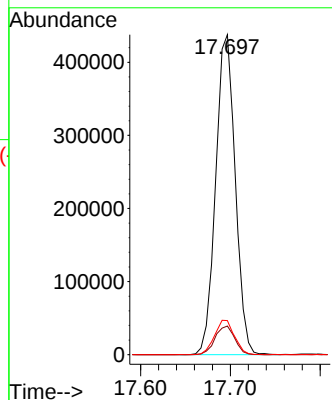
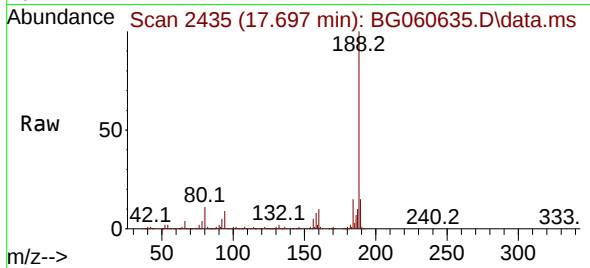




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.697 min Scan# 2436
Delta R.T. -0.004 min
Lab File: BG060635.D
Acq: 14 Mar 2024 12:28

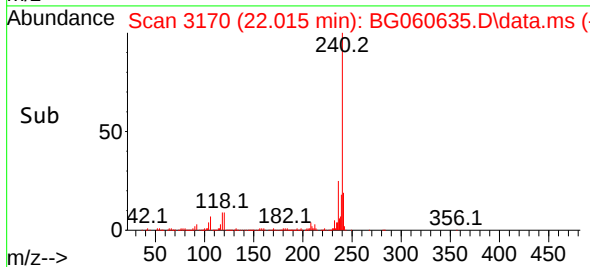
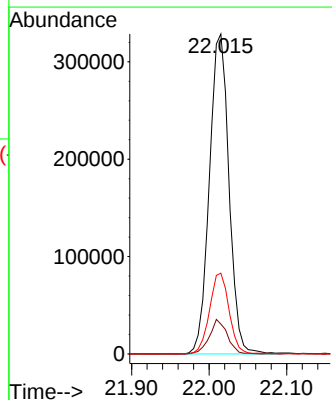
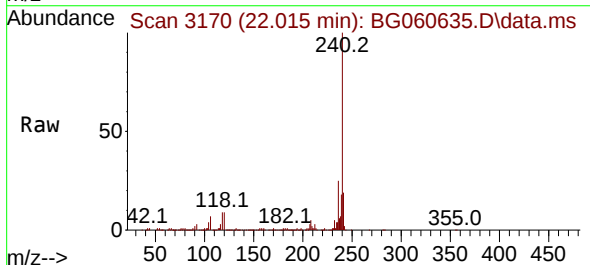
Instrument :
BNA_G
ClientSampleId :
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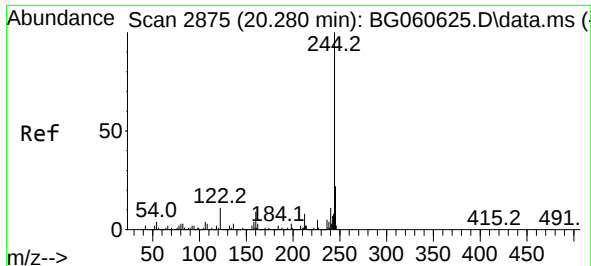
Tgt Ion:188 Resp: 661407
Ion Ratio Lower Upper
188 100
94 8.9 7.9 11.9
80 10.6 8.6 13.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.015 min Scan# 3170
Delta R.T. -0.010 min
Lab File: BG060635.D
Acq: 14 Mar 2024 12:28

Tgt Ion:240 Resp: 577301
Ion Ratio Lower Upper
240 100
120 9.4 7.8 11.8
236 25.3 20.6 31.0

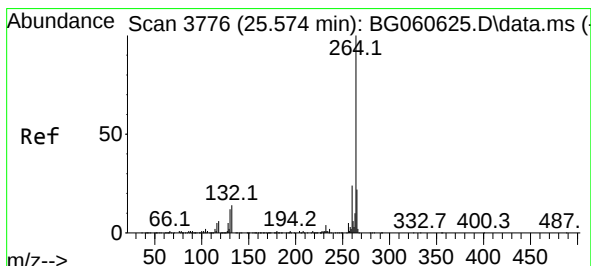
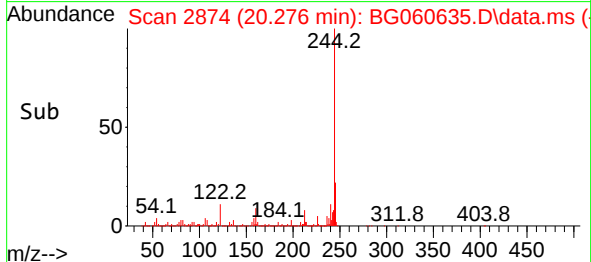
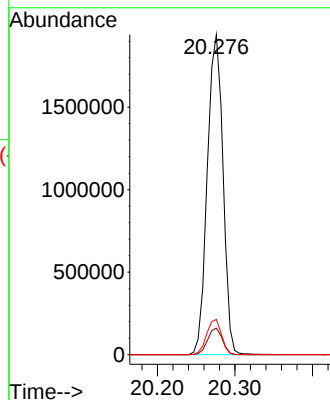
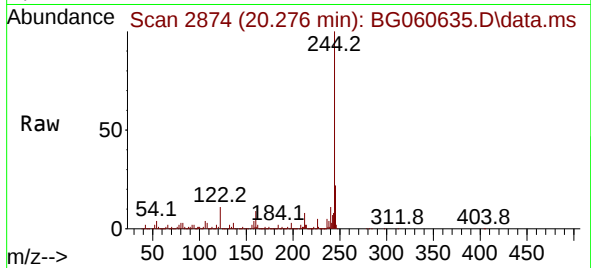




#79
 Terphenyl-d14
 Concen: 85.337 ng
 RT: 20.276 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BG060635.D
 Acq: 14 Mar 2024 12:28

Instrument :
 BNA_G
 ClientSampleId :
 PB159530TB

Tgt Ion:244 Resp: 2725525
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.6 9.8
 122 11.0 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.570 min Scan# 3775
 Delta R.T. -0.004 min
 Lab File: BG060635.D
 Acq: 14 Mar 2024 12:28

Tgt Ion:264 Resp: 650037
 Ion Ratio Lower Upper
 264 100
 260 21.3 19.4 29.2
 265 20.5 18.1 27.1

