

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032024\
 Data File : BG060687.D
 Acq On : 20 Mar 2024 11:47
 Operator : MA/JU
 Sample : PB159648TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB159648TB

Quant Time: Mar 20 12:17:26 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 18 14:26:31 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.288	152	78294	20.000	ng	0.00
21) Naphthalene-d8	11.138	136	320538	20.000	ng	0.00
39) Acenaphthene-d10	14.921	164	241442	20.000	ng	0.00
64) Phenanthrene-d10	17.671	188	561110	20.000	ng	0.00
76) Chrysene-d12	21.990	240	551839	20.000	ng	0.00
86) Perylene-d12	25.527	264	649077	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.785	112	565250	113.491	ng	0.00
7) Phenol-d6	7.413	99	924085	127.904	ng	0.00
23) Nitrobenzene-d5	9.492	82	642152	104.262	ng	0.00
42) 2,4,6-Tribromophenol	16.408	330	431104	154.086	ng	0.00
45) 2-Fluorobiphenyl	13.547	172	1465104	82.044	ng	0.00
79) Terphenyl-d14	20.256	244	2490795	81.586	ng	0.00

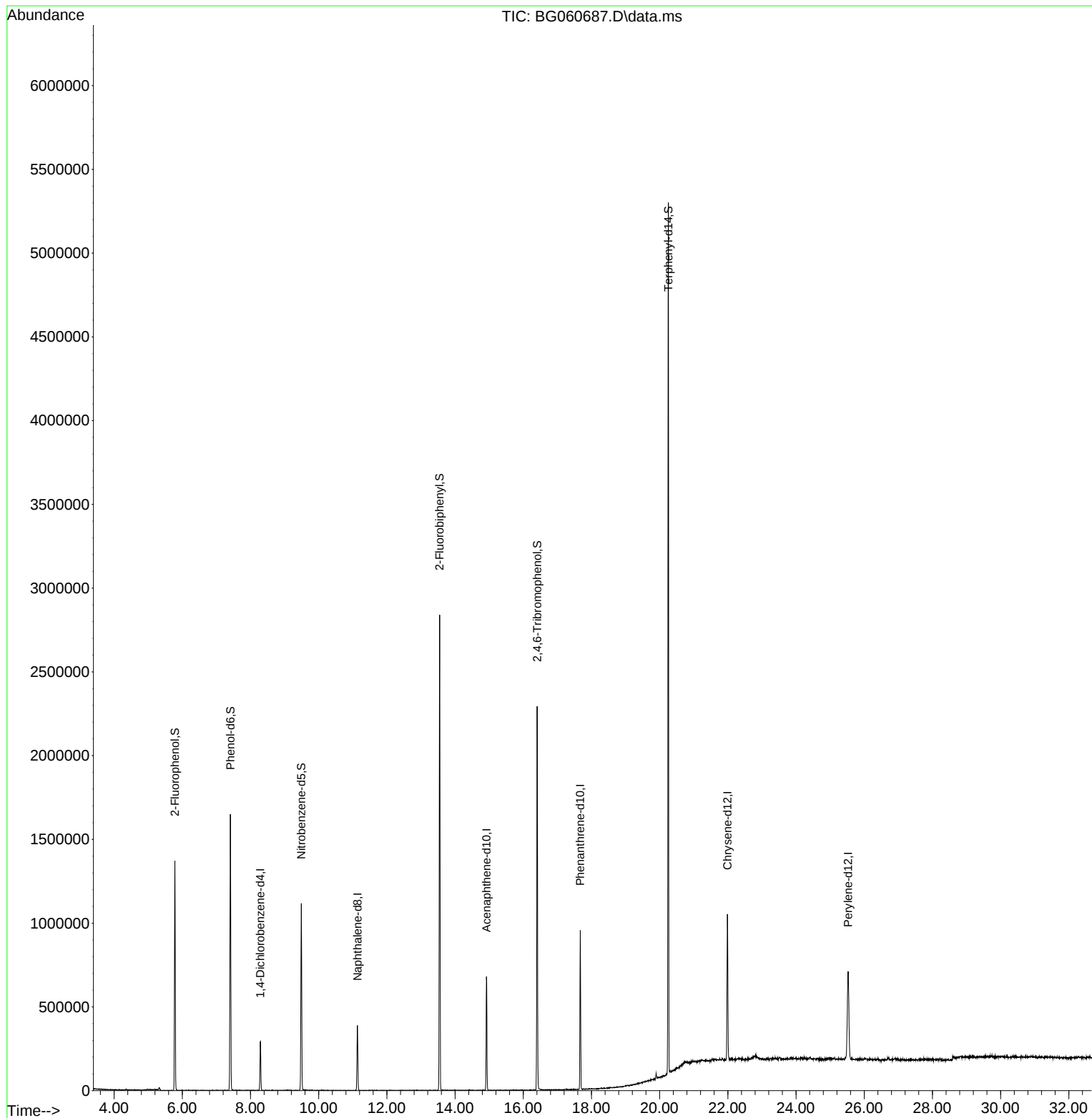
Target Compounds	Qvalue

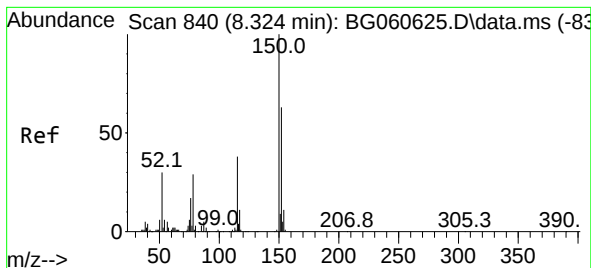
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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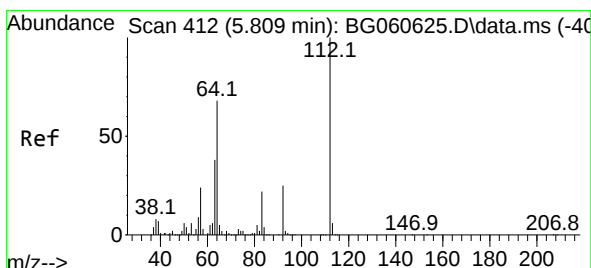
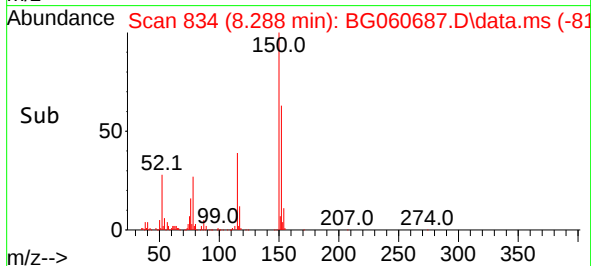
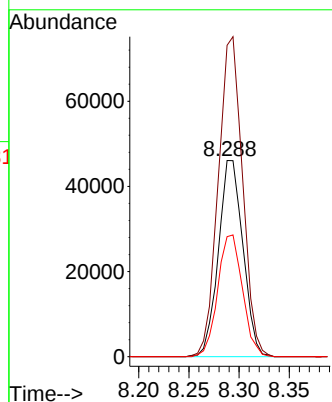
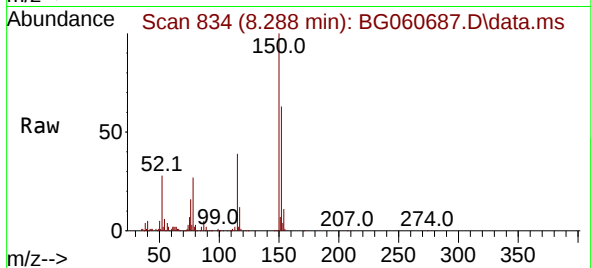




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.288 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BG060687.D
 Acq: 20 Mar 2024 11:47

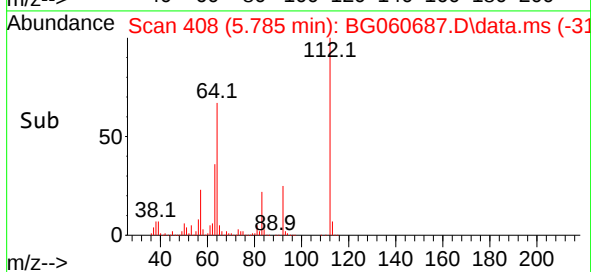
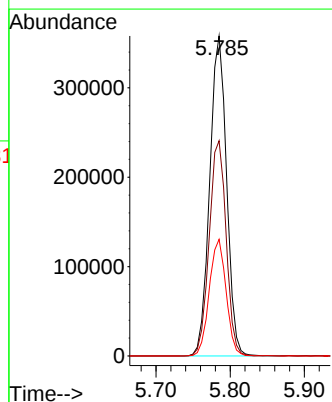
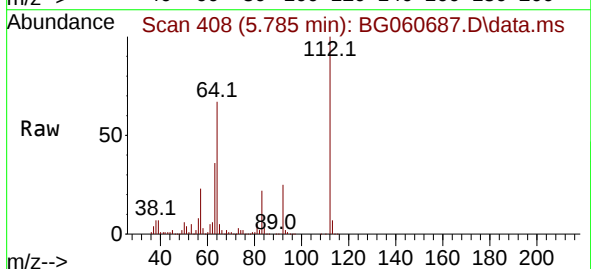
Instrument :
 BNA_G
 ClientSampleId :
 PB159648TB

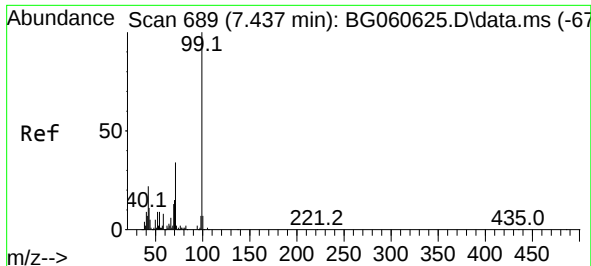
Tgt Ion:152 Resp: 78294
 Ion Ratio Lower Upper
 152 100
 150 158.8 126.6 190.0
 115 61.2 47.8 71.8



#5
 2-Fluorophenol
 Concen: 113.491 ng
 RT: 5.785 min Scan# 408
 Delta R.T. 0.006 min
 Lab File: BG060687.D
 Acq: 20 Mar 2024 11:47

Tgt Ion:112 Resp: 565250
 Ion Ratio Lower Upper
 112 100
 64 67.3 54.1 81.1
 63 36.4 30.3 45.5

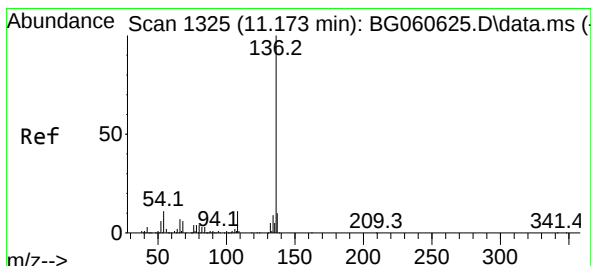
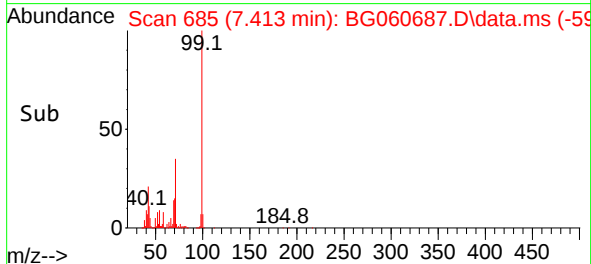
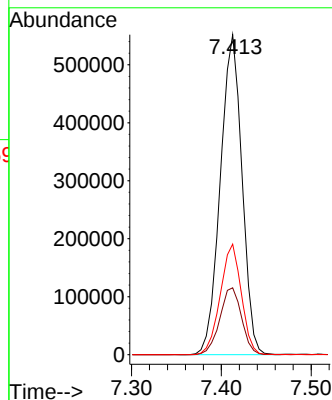
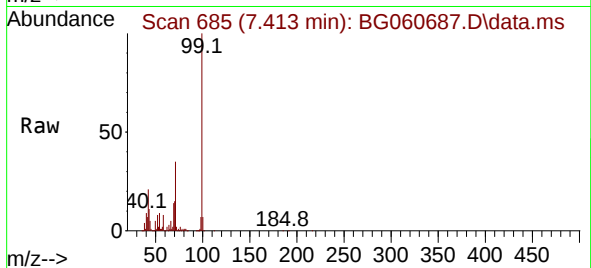




#7
Phenol-d6
Concen: 127.904 ng
RT: 7.413 min Scan# 61
Delta R.T. 0.006 min
Lab File: BG060687.D
Acq: 20 Mar 2024 11:47

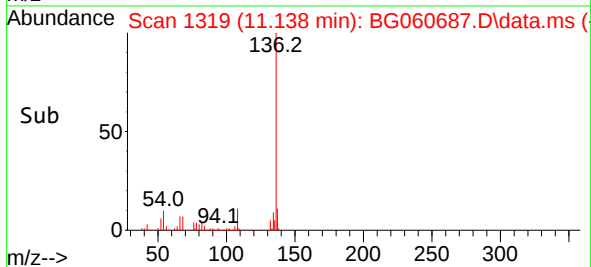
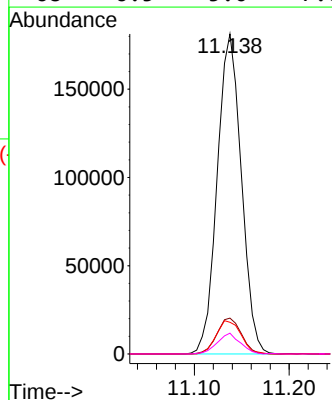
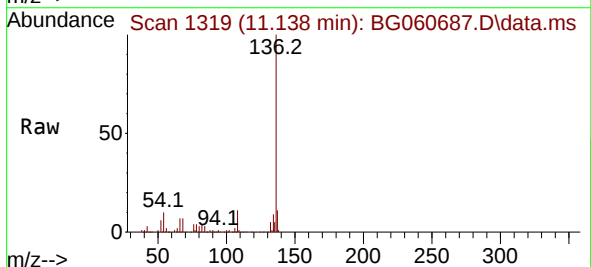
Instrument :
BNA_G
ClientSampleId :
PB159648TB

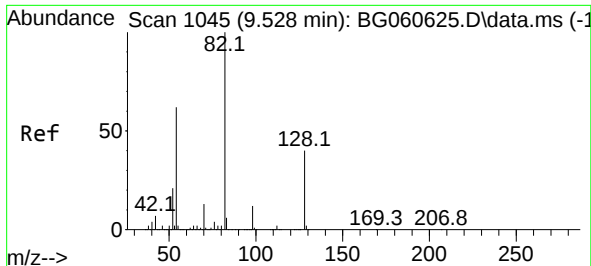
Tgt Ion: 99 Resp: 924085
Ion Ratio Lower Upper
99 100
42 20.9 17.5 26.3
71 34.6 27.4 41.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.138 min Scan# 1319
Delta R.T. -0.000 min
Lab File: BG060687.D
Acq: 20 Mar 2024 11:47

Tgt Ion:136 Resp: 320538
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 9.9 8.5 12.7
68 6.5 5.0 7.6





#23

Nitrobenzene-d5

Concen: 104.262 ng

RT: 9.492 min Scan# 1039

Delta R.T. -0.000 min

Lab File: BG060687.D

Acq: 20 Mar 2024 11:47

Instrument :

BNA_G

ClientSampleId :

PB159648TB

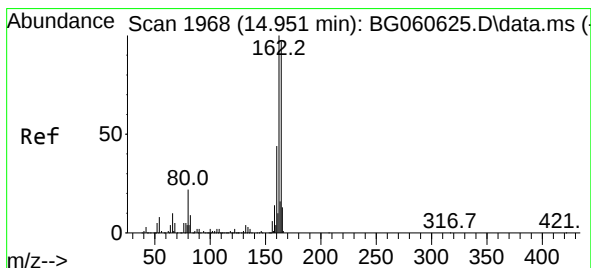
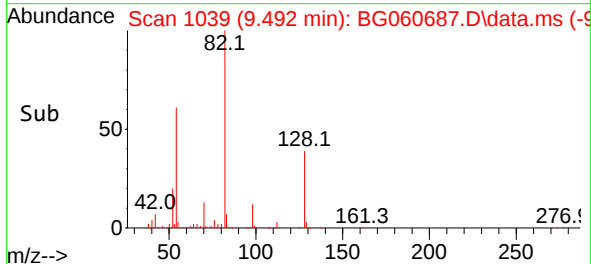
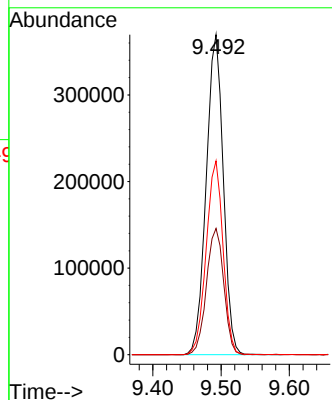
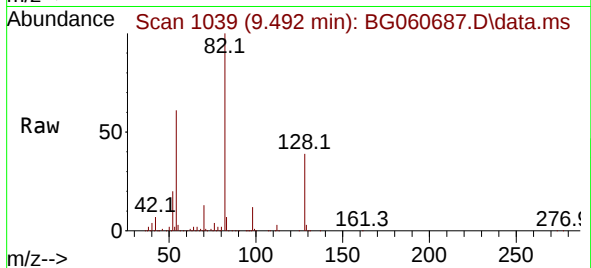
Tgt Ion: 82 Resp: 642152

Ion Ratio Lower Upper

82 100

128 39.4 31.6 47.4

54 60.6 49.3 73.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.921 min Scan# 1963

Delta R.T. -0.006 min

Lab File: BG060687.D

Acq: 20 Mar 2024 11:47

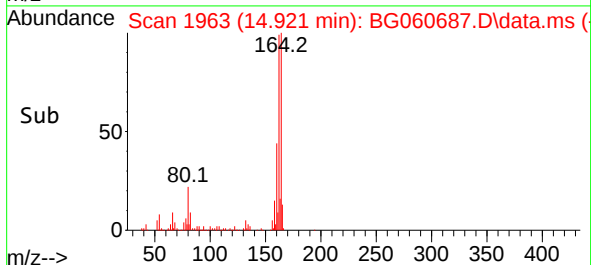
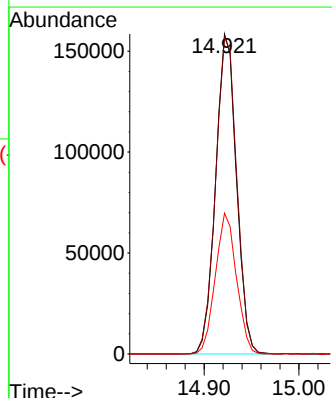
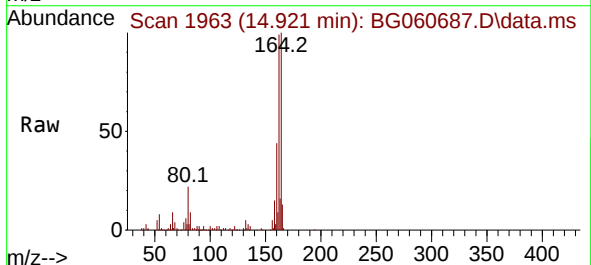
Tgt Ion: 164 Resp: 241442

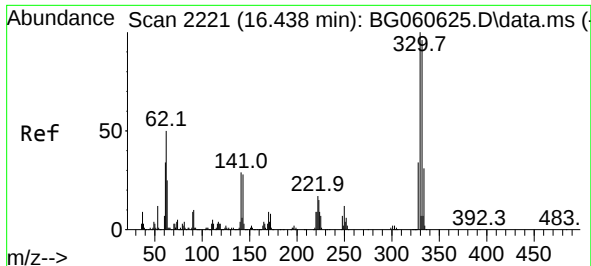
Ion Ratio Lower Upper

164 100

162 99.1 82.5 123.7

160 44.0 36.4 54.6

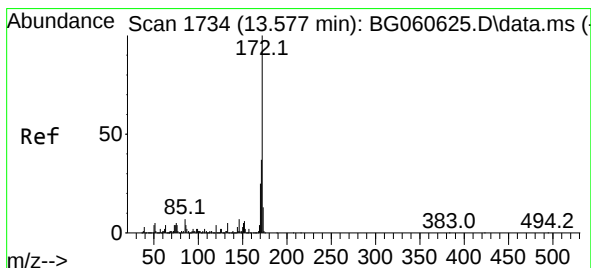
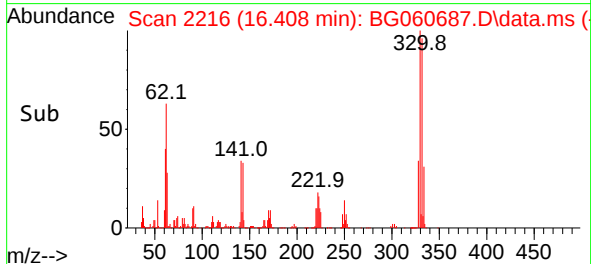
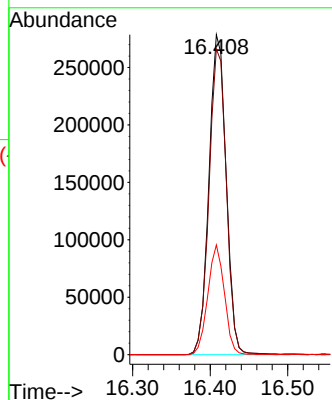
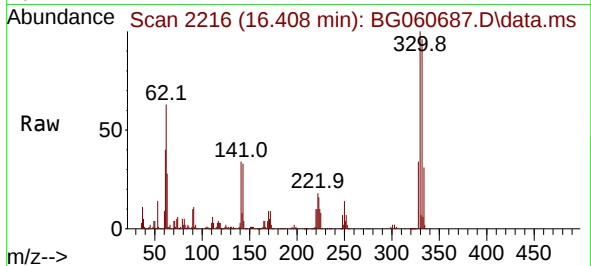




#42
2,4,6-Tribromophenol
Concen: 154.086 ng
RT: 16.408 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG060687.D
Acq: 20 Mar 2024 11:47

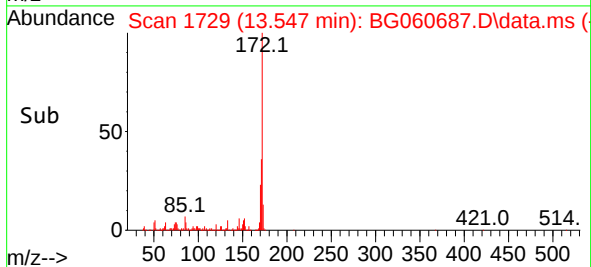
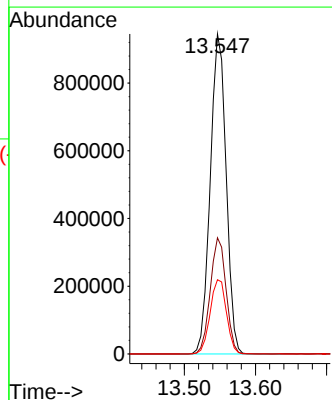
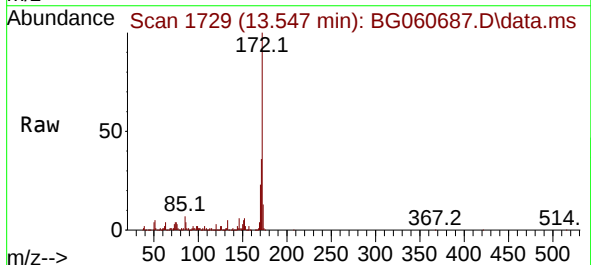
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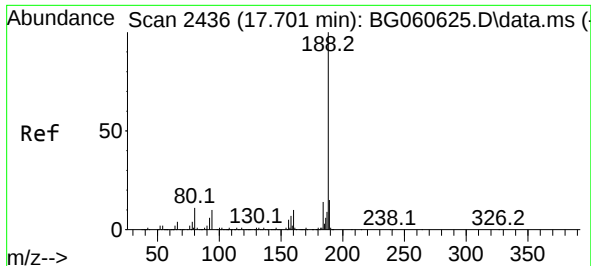
Tgt Ion:330 Resp: 431104
Ion Ratio Lower Upper
330 100
332 96.0 77.8 116.8
141 33.1 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 82.044 ng
RT: 13.547 min Scan# 1729
Delta R.T. -0.000 min
Lab File: BG060687.D
Acq: 20 Mar 2024 11:47

Tgt Ion:172 Resp: 1465104
Ion Ratio Lower Upper
172 100
171 36.3 29.9 44.9
170 23.2 19.8 29.6

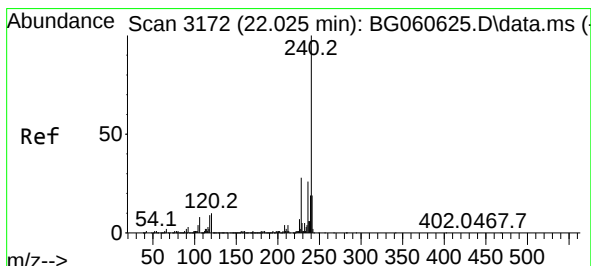
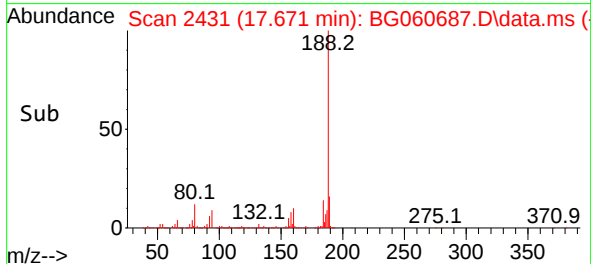
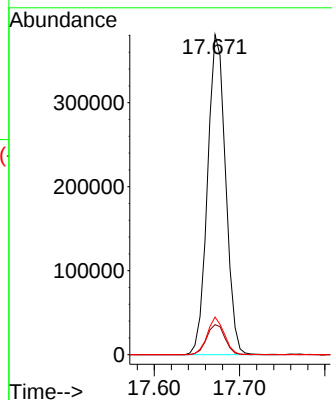
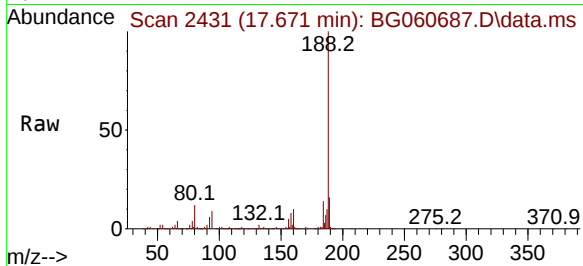




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.671 min Scan# 2436
Delta R.T. -0.000 min
Lab File: BG060687.D
Acq: 20 Mar 2024 11:47

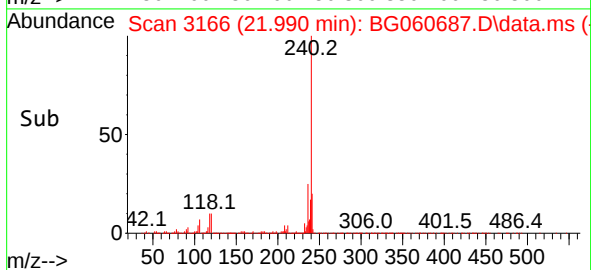
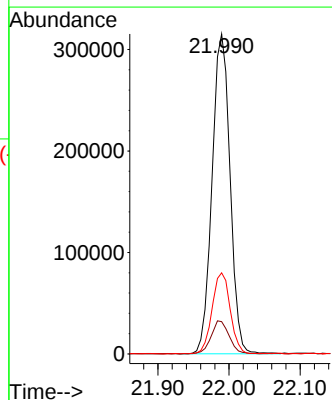
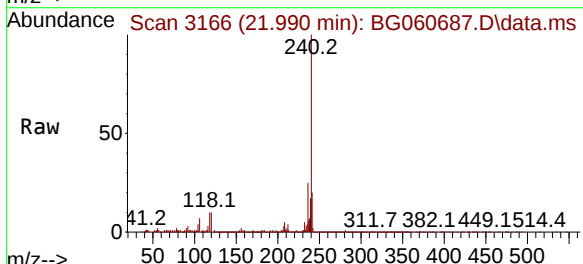
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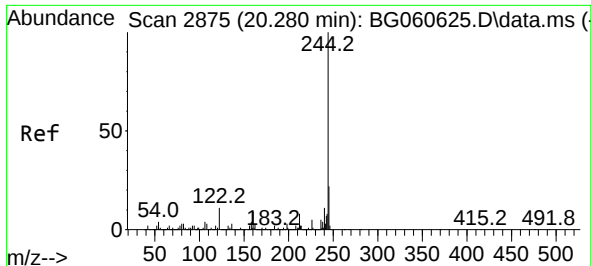
Tgt Ion:188 Resp: 561110
Ion Ratio Lower Upper
188 100
94 9.4 7.9 11.9
80 11.8 8.6 13.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.990 min Scan# 3166
Delta R.T. -0.000 min
Lab File: BG060687.D
Acq: 20 Mar 2024 11:47

Tgt Ion:240 Resp: 551839
Ion Ratio Lower Upper
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120 10.1 7.8 11.8
236 25.4 20.6 31.0

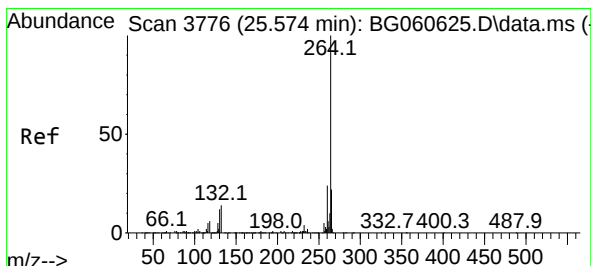
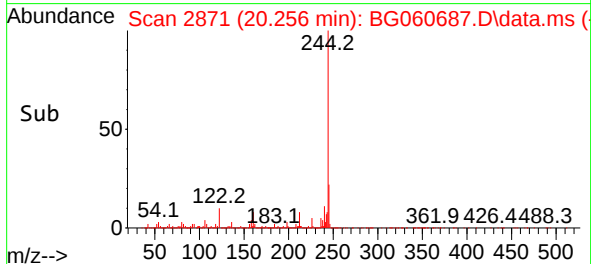
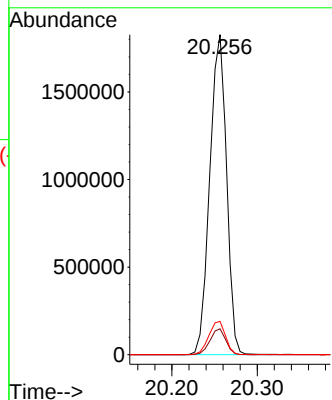
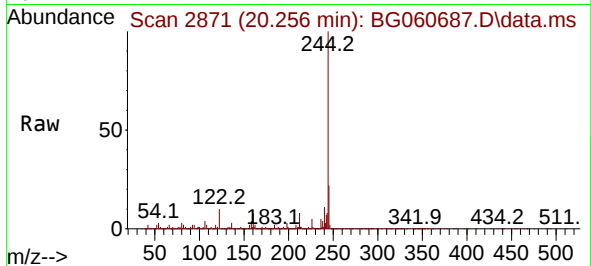




#79
 Terphenyl-d14
 Concen: 81.586 ng
 RT: 20.256 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BG060687.D
 Acq: 20 Mar 2024 11:47

Instrument :
 BNA_G
 ClientSampleId :
 PB159648TB

Tgt Ion:244 Resp: 2490795
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.6 9.8
 122 10.4 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.527 min Scan# 3768
 Delta R.T. -0.000 min
 Lab File: BG060687.D
 Acq: 20 Mar 2024 11:47

Tgt Ion:264 Resp: 649077
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.4 29.2
 265 21.4 18.1 27.1

