

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031924\
 Data File : BG060678.D
 Acq On : 19 Mar 2024 11:46
 Operator : MA/JU
 Sample : PB159643BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB159643BL

Quant Time: Mar 19 18:27:21 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	8.290	152	87731	20.000	ng	0.00
21) Naphthalene-d8	11.134	136	391433	20.000	ng	0.00
39) Acenaphthene-d10	14.923	164	263379	20.000	ng	0.00
64) Phenanthrene-d10	17.667	188	703885	20.000	ng	0.00
76) Chrysene-d12	21.986	240	678359	20.000	ng	0.00
86) Perylene-d12	25.517	264	789113	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.781	112	909148	162.904	ng	0.00
7) Phenol-d6	7.408	99	1045305	129.119	ng	0.00
23) Nitrobenzene-d5	9.488	82	594284	79.014	ng	0.00
42) 2,4,6-Tribromophenol	16.410	330	451441	147.916	ng	0.00
45) 2-Fluorobiphenyl	13.548	172	1547952	79.463	ng	0.00
79) Terphenyl-d14	20.252	244	2918277	77.760	ng	0.00

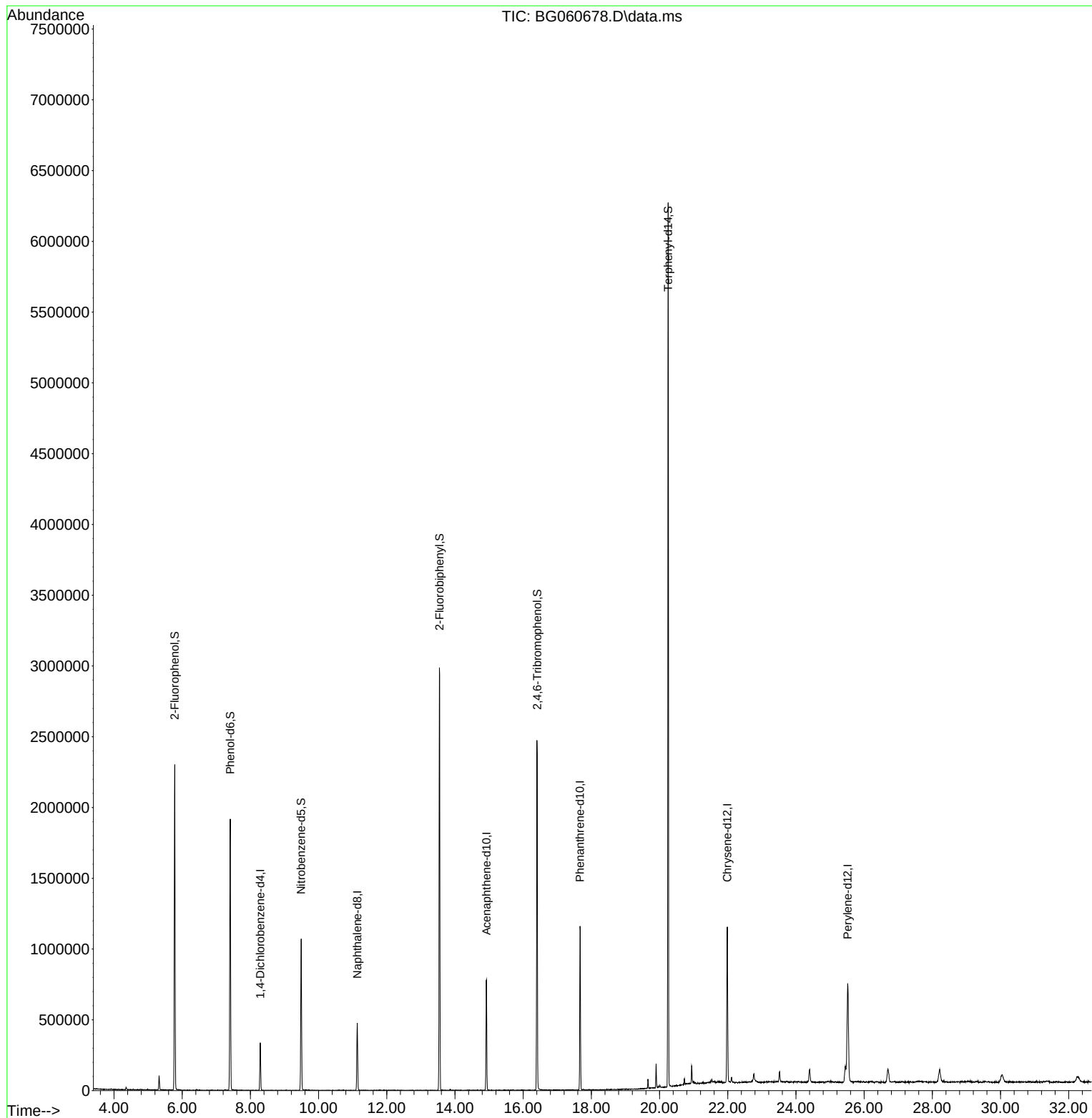
Target Compounds	Qvalue

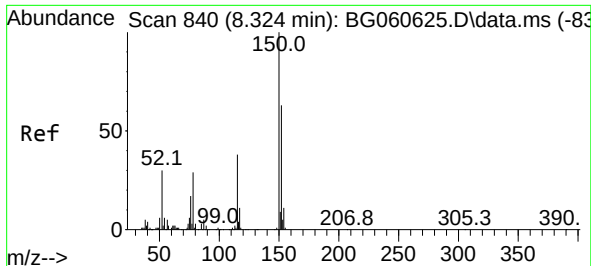
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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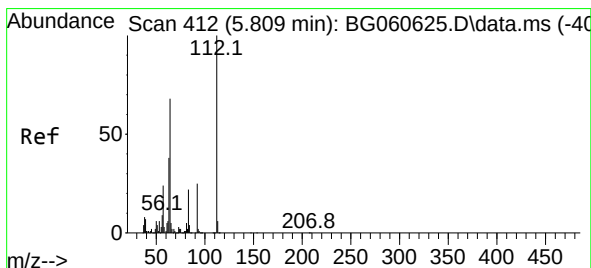
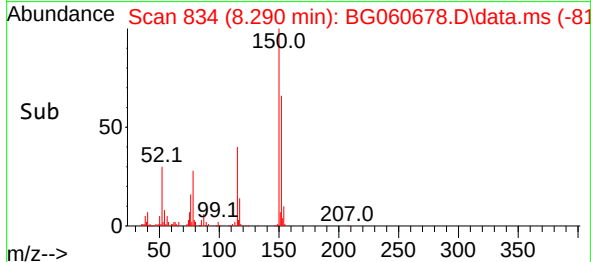
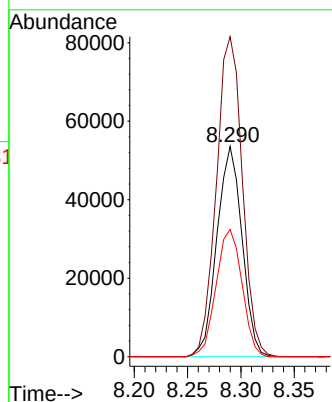
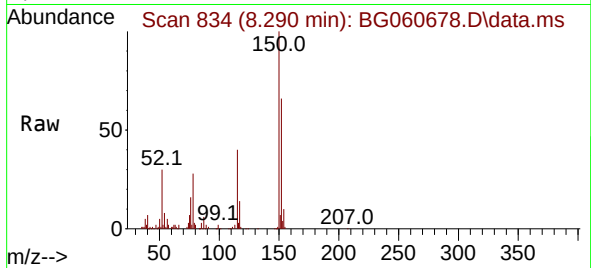




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.290 min Scan# 81
Delta R.T. 0.002 min
Lab File: BG060678.D
Acq: 19 Mar 2024 11:46

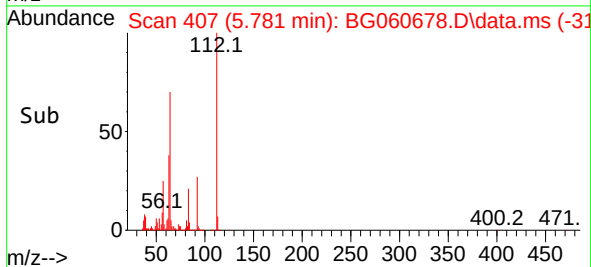
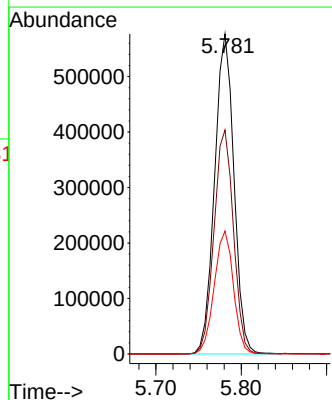
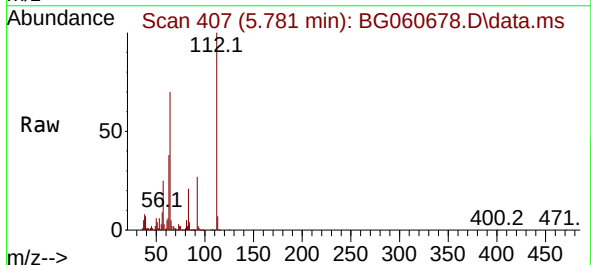
Instrument :
BNA_G
ClientSampleId :
PB159643BL

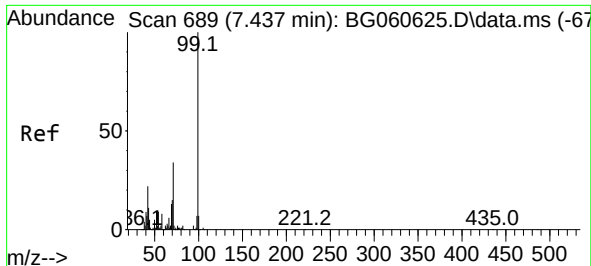
Tgt Ion:152 Resp: 87731
Ion Ratio Lower Upper
152 100
150 152.2 126.6 190.0
115 60.5 47.8 71.8



#5
2-Fluorophenol
Concen: 162.904 ng
RT: 5.781 min Scan# 407
Delta R.T. 0.002 min
Lab File: BG060678.D
Acq: 19 Mar 2024 11:46

Tgt Ion:112 Resp: 909148
Ion Ratio Lower Upper
112 100
64 70.0 54.1 81.1
63 38.4 30.3 45.5

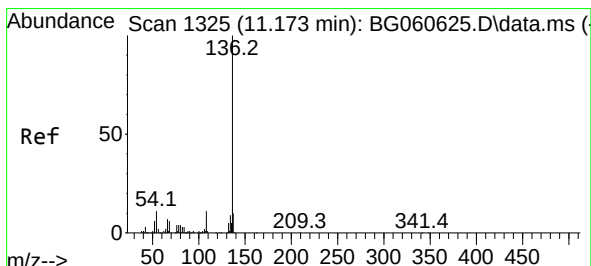
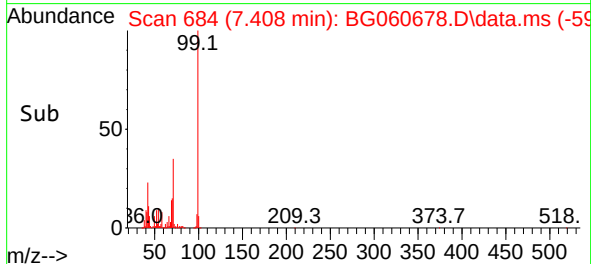
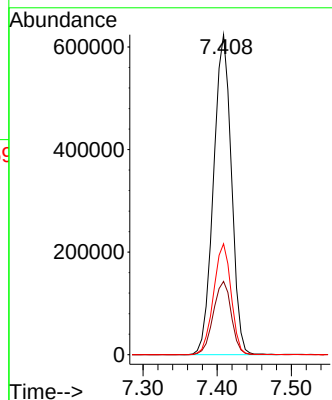
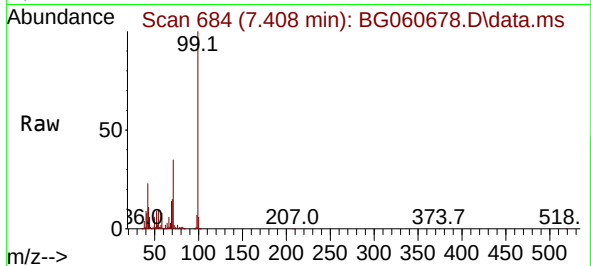




#7
Phenol-d6
Concen: 129.119 ng
RT: 7.408 min Scan# 61
Delta R.T. 0.002 min
Lab File: BG060678.D
Acq: 19 Mar 2024 11:46

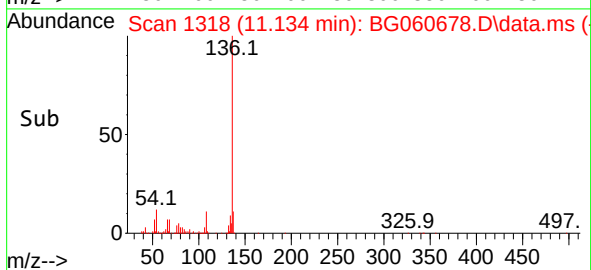
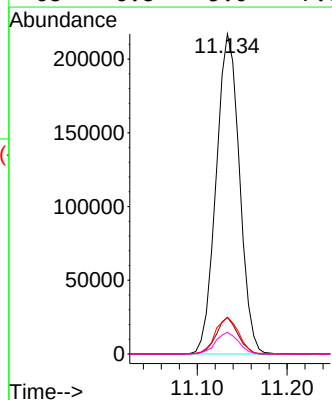
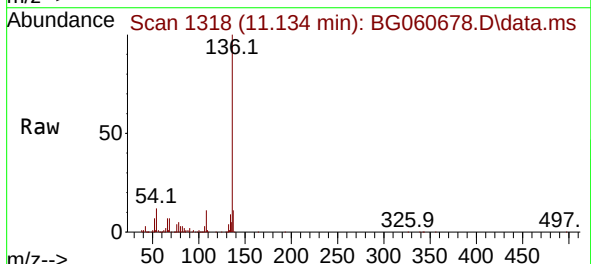
Instrument :
BNA_G
ClientSampleId :
PB159643BL

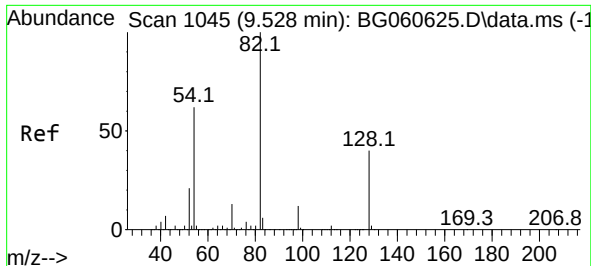
Tgt Ion: 99 Resp: 1045305
Ion Ratio Lower Upper
99 100
42 22.9 17.5 26.3
71 34.7 27.4 41.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.134 min Scan# 1318
Delta R.T. -0.004 min
Lab File: BG060678.D
Acq: 19 Mar 2024 11:46

Tgt Ion:136 Resp: 391433
Ion Ratio Lower Upper
136 100
137 11.4 8.4 12.6
54 11.5 8.5 12.7
68 6.8 5.0 7.6

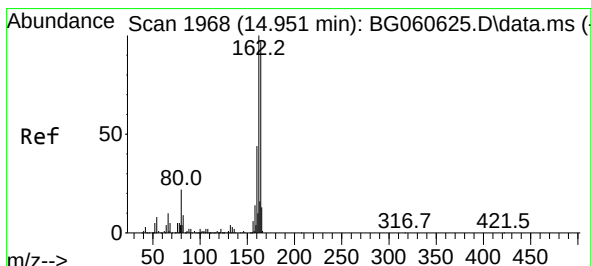
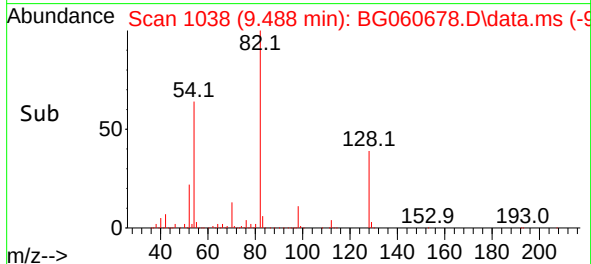
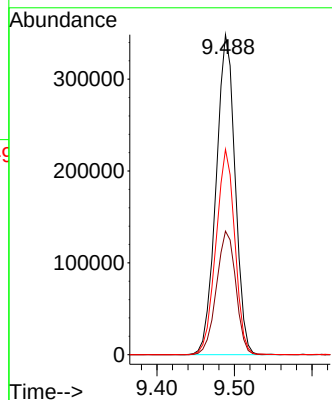
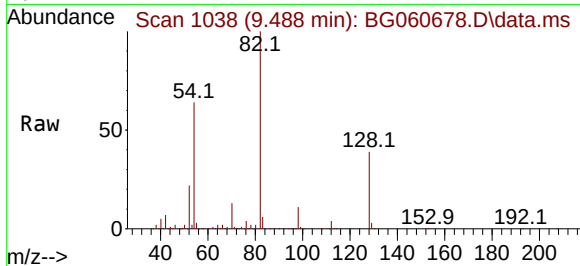




#23
Nitrobenzene-d5
Concen: 79.014 ng
RT: 9.488 min Scan# 1038
Delta R.T. -0.004 min
Lab File: BG060678.D
Acq: 19 Mar 2024 11:46

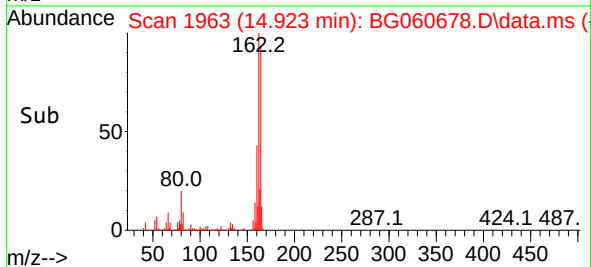
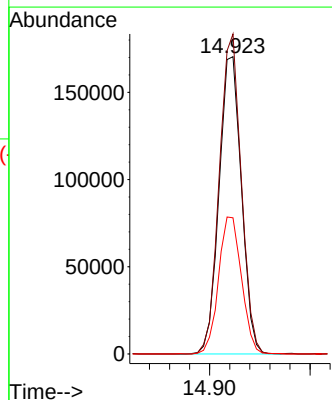
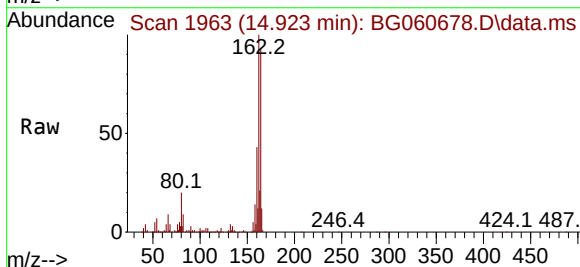
Instrument :
BNA_G
ClientSampleId :
PB159643BL

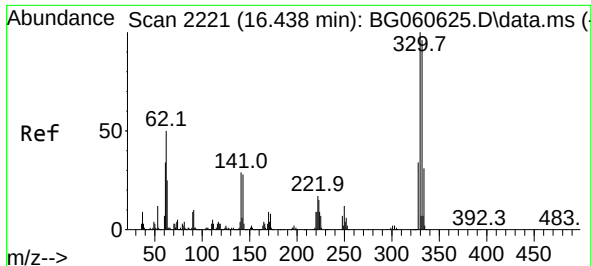
Tgt Ion: 82 Resp: 594284
Ion Ratio Lower Upper
82 100
128 38.6 31.6 47.4
54 64.2 49.3 73.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.923 min Scan# 1963
Delta R.T. -0.004 min
Lab File: BG060678.D
Acq: 19 Mar 2024 11:46

Tgt Ion: 164 Resp: 263379
Ion Ratio Lower Upper
164 100
162 107.6 82.5 123.7
160 45.8 36.4 54.6

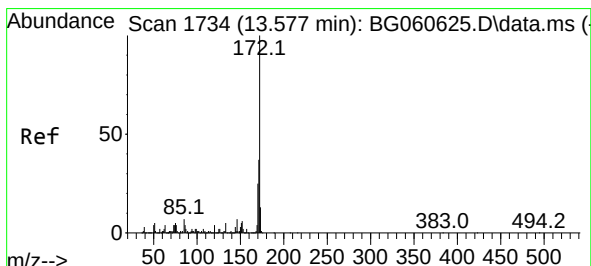
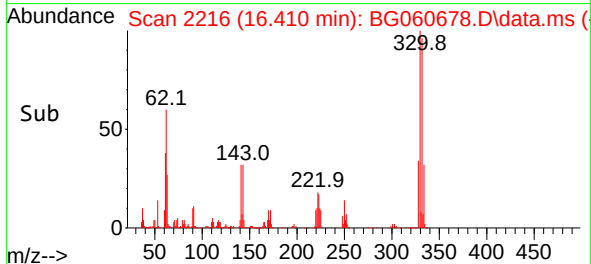
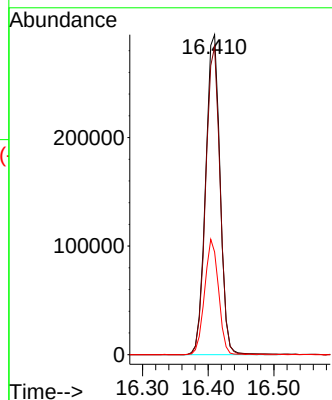
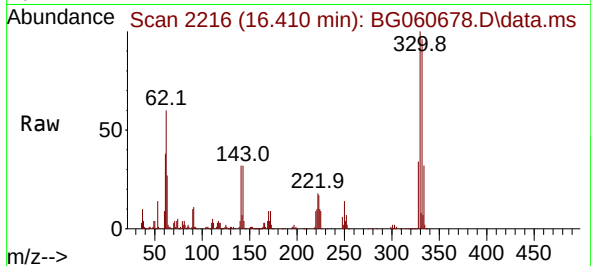




#42
2,4,6-Tribromophenol
Concen: 147.916 ng
RT: 16.410 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG060678.D
Acq: 19 Mar 2024 11:46

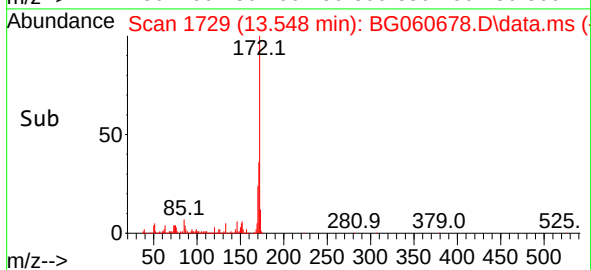
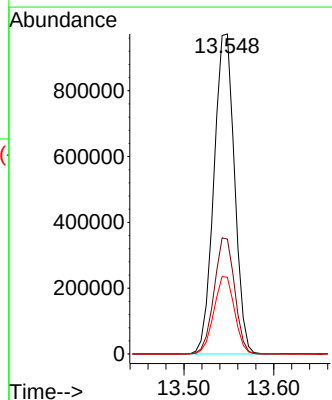
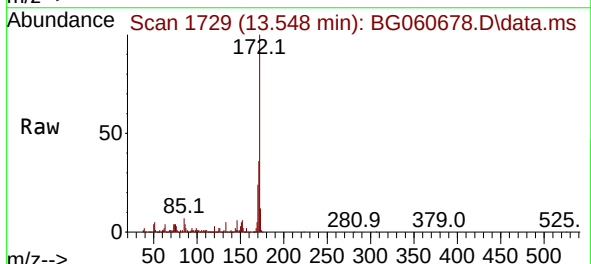
Instrument :
BNA_G
ClientSampleId :
PB159643BL

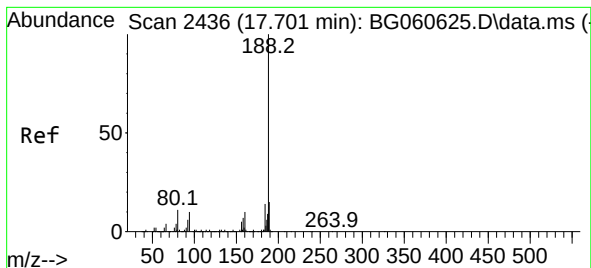
Tgt Ion:330 Resp: 451441
Ion Ratio Lower Upper
330 100
332 95.5 77.8 116.8
141 34.8 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 79.463 ng
RT: 13.548 min Scan# 1729
Delta R.T. 0.002 min
Lab File: BG060678.D
Acq: 19 Mar 2024 11:46

Tgt Ion:172 Resp: 1547952
Ion Ratio Lower Upper
172 100
171 35.9 29.9 44.9
170 24.0 19.8 29.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.667 min Scan# 24

Delta R.T. -0.004 min

Lab File: BG060678.D

Acq: 19 Mar 2024 11:46

Instrument :

BNA_G

ClientSampleId :

PB159643BL

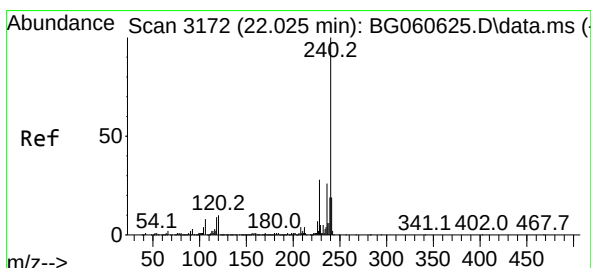
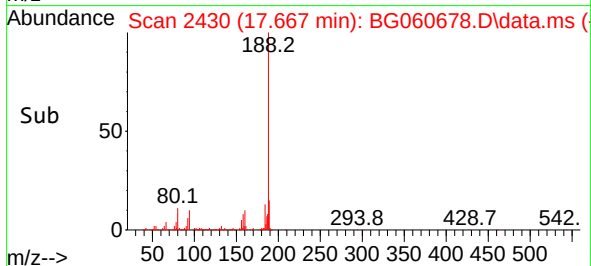
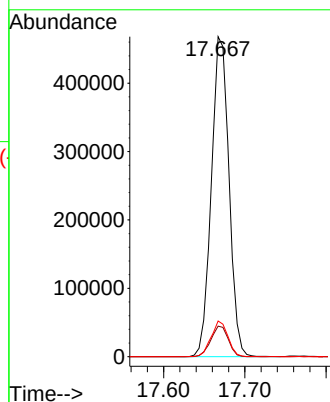
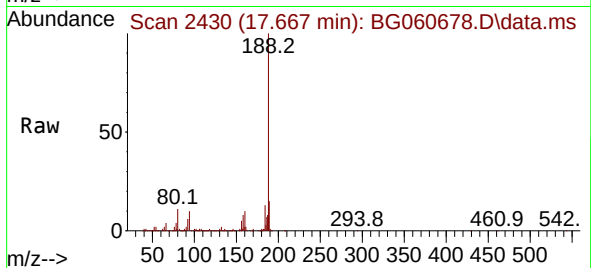
Tgt Ion:188 Resp: 703885

Ion Ratio Lower Upper

188 100

94 9.5 7.9 11.9

80 11.1 8.6 13.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.986 min Scan# 3165

Delta R.T. -0.004 min

Lab File: BG060678.D

Acq: 19 Mar 2024 11:46

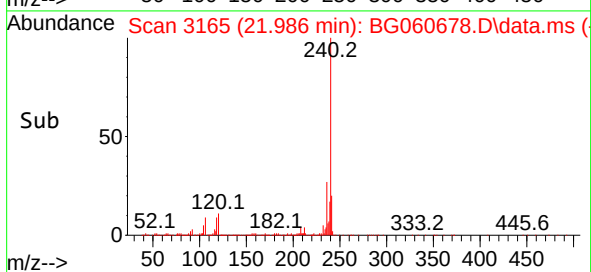
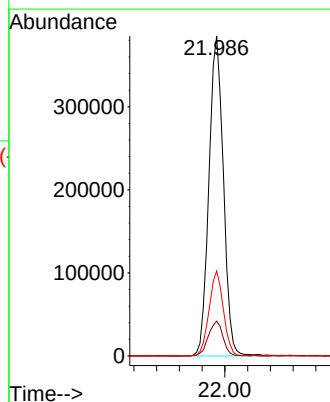
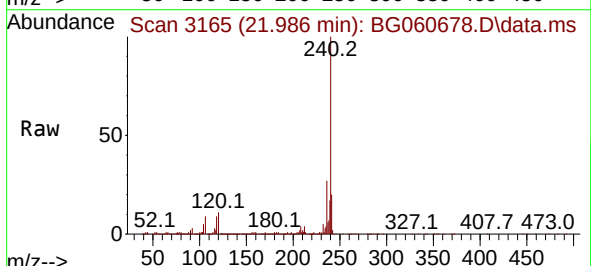
Tgt Ion:240 Resp: 678359

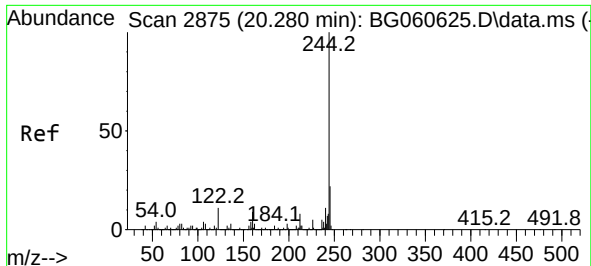
Ion Ratio Lower Upper

240 100

120 10.9 7.8 11.8

236 26.6 20.6 31.0

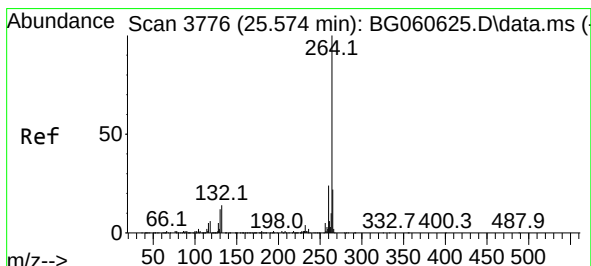
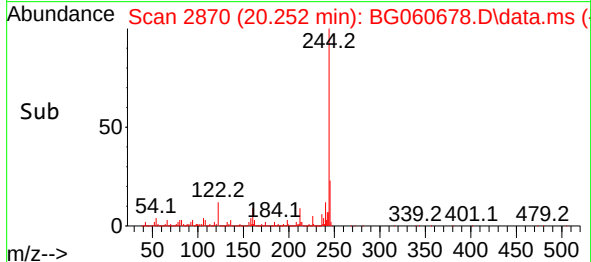
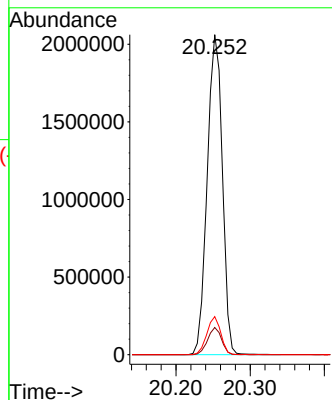
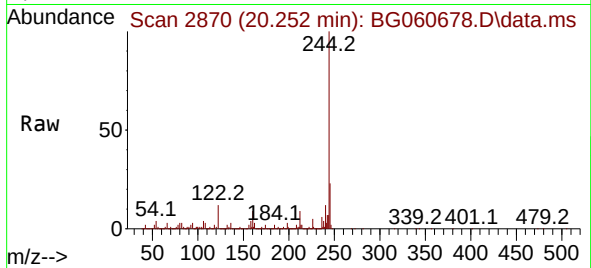




#79
 Terphenyl-d14
 Concen: 77.760 ng
 RT: 20.252 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BG060678.D
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Instrument :
 BNA_G
 ClientSampleId :
 PB159643BL

Tgt Ion:244 Resp: 2918277
 Ion Ratio Lower Upper
 244 100
 212 8.5 6.6 9.8
 122 11.9 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.517 min Scan# 3766
 Delta R.T. -0.010 min
 Lab File: BG060678.D
 Acq: 19 Mar 2024 11:46

Tgt Ion:264 Resp: 789113
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.4 29.2
 265 22.5 18.1 27.1

