

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121523\
 Data File : BG060030.D
 Acq On : 15 Dec 2023 11:06
 Operator : MA/JU
 Sample : PB157592TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB157592TB

Quant Time: Dec 15 11:39:07 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 14 01:47:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.952	152	54700	20.000	ng	0.00
21) Naphthalene-d8	10.761	136	204239	20.000	ng	0.00
39) Acenaphthene-d10	14.592	164	170239	20.000	ng	0.00
64) Phenanthrene-d10	17.341	188	596787	20.000	ng	0.00
76) Chrysene-d12	21.607	240	799188	20.000	ng	0.00
86) Perylene-d12	24.797	264	947553	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.526	112	226762	70.966	ng	0.00
7) Phenol-d6	7.112	99	355896	79.180	ng	0.00
23) Nitrobenzene-d5	9.116	82	236305	52.537	ng	0.00
42) 2,4,6-Tribromophenol	16.084	330	671564	169.272	ng	0.00
45) 2-Fluorobiphenyl	13.217	172	1087058	78.152	ng	0.00
79) Terphenyl-d14	19.968	244	4462824	101.951	ng	0.00

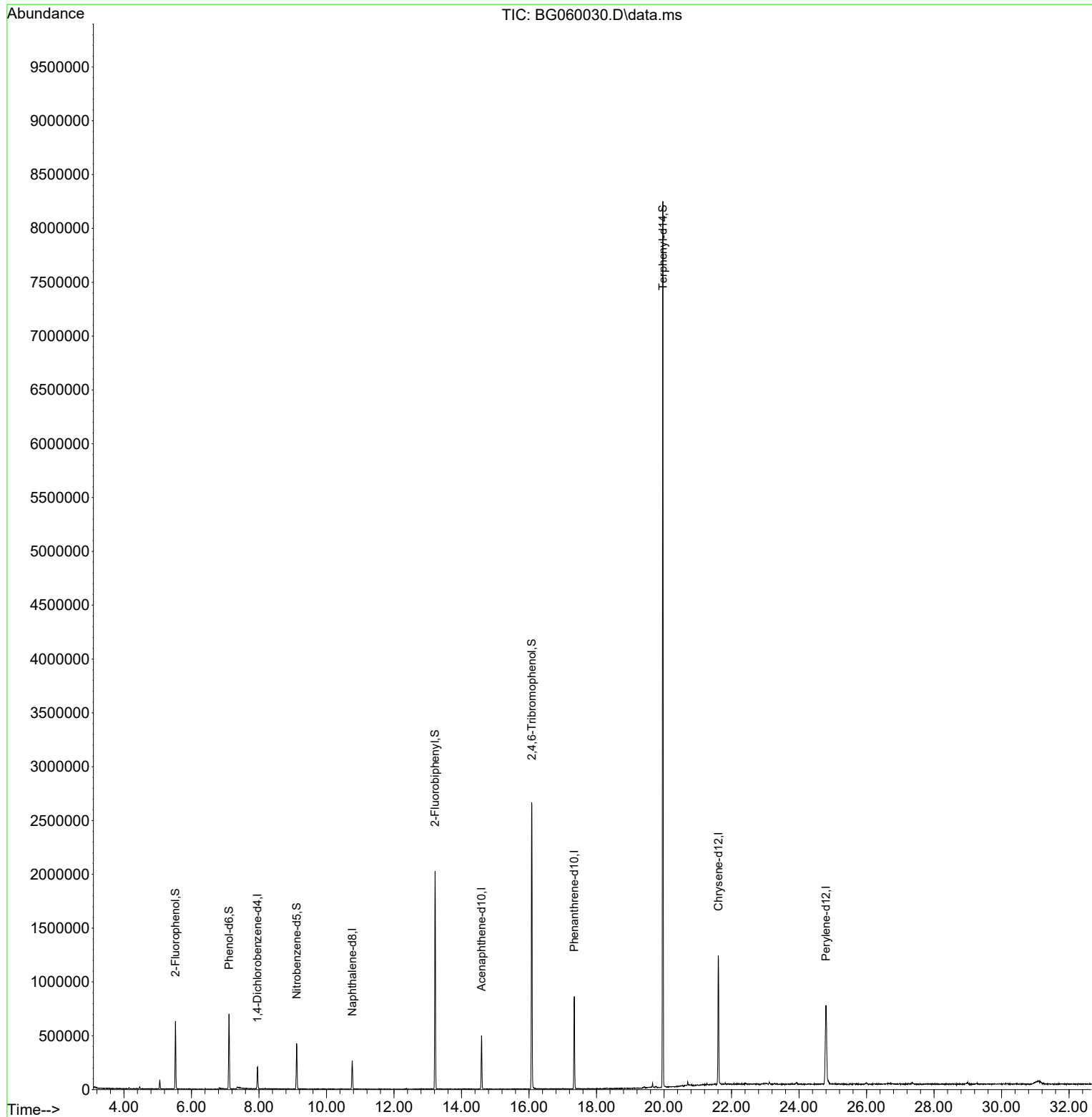
Target Compounds	Qvalue

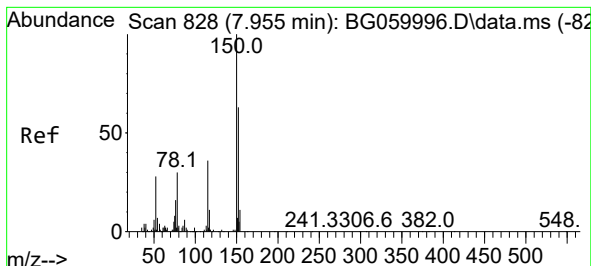
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.952 min Scan# 81

Delta R.T. -0.003 min

Lab File: BG060030.D

Acq: 15 Dec 2023 11:06

Instrument :

BNA_G

ClientSampleId :

PB157592TB

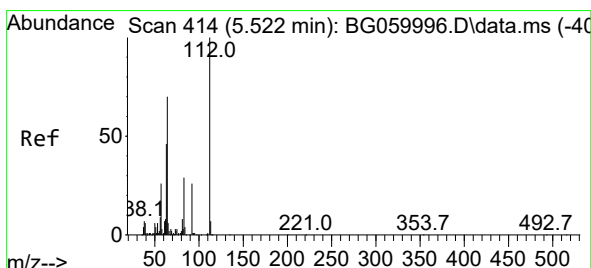
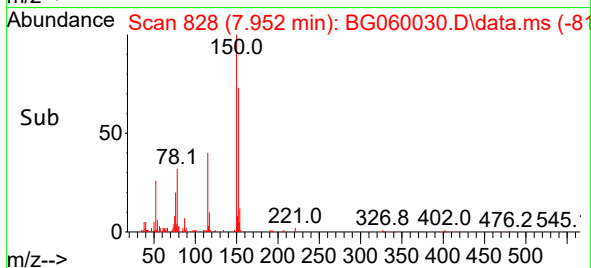
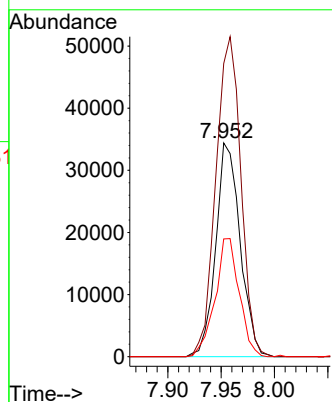
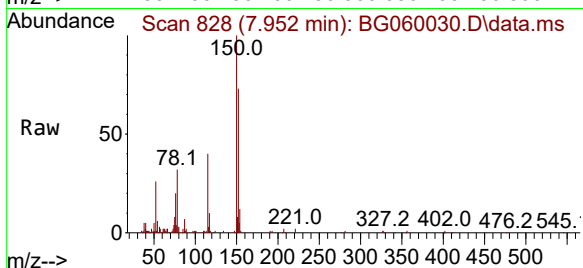
Tgt Ion:152 Resp: 54700

Ion Ratio Lower Upper

152 100

150 137.2 127.0 190.6

115 55.1 45.7 68.5



#5

2-Fluorophenol

Concen: 70.966 ng

RT: 5.526 min Scan# 415

Delta R.T. 0.004 min

Lab File: BG060030.D

Acq: 15 Dec 2023 11:06

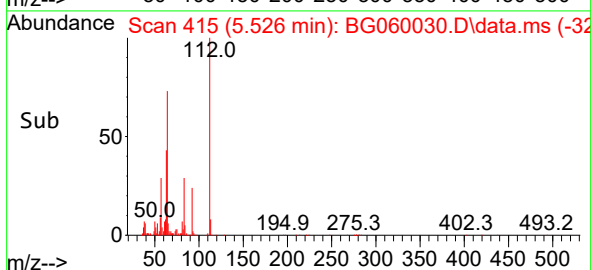
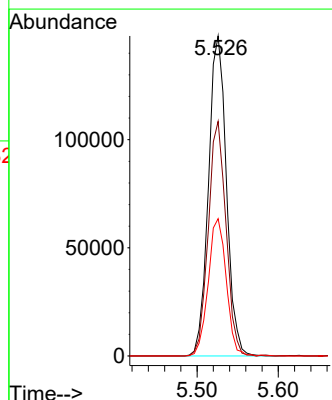
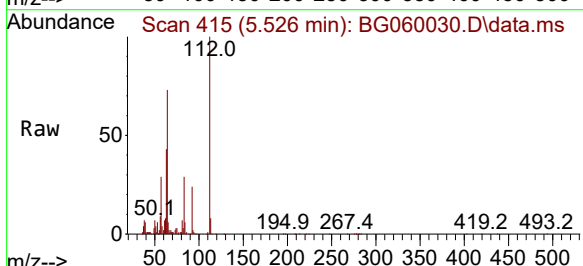
Tgt Ion:112 Resp: 226762

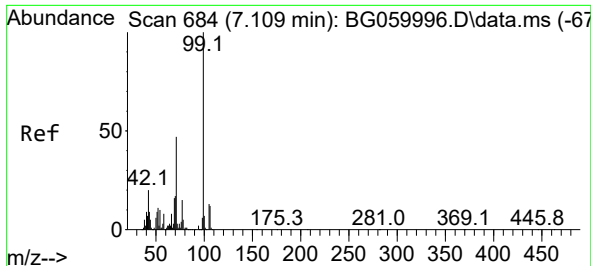
Ion Ratio Lower Upper

112 100

64 73.3 55.9 83.9

63 42.9 36.5 54.7

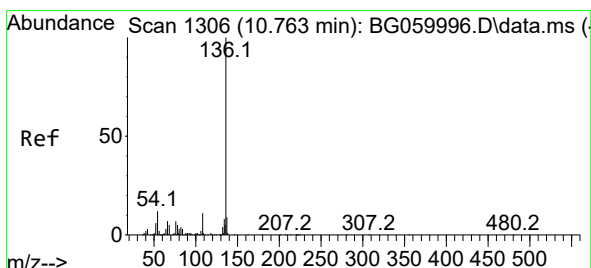
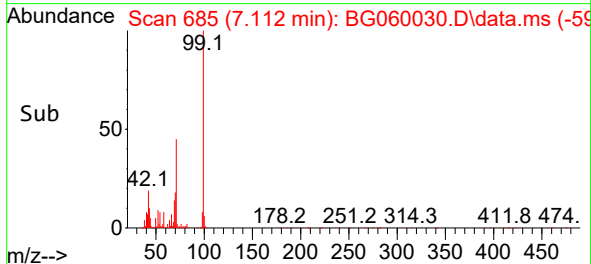
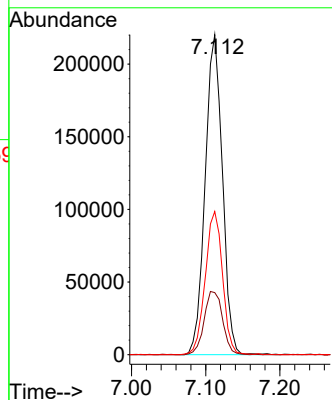
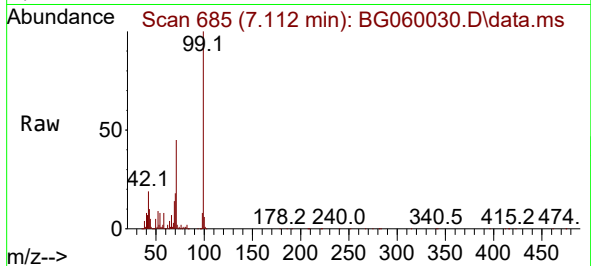




#7
Phenol-d6
Concen: 79.180 ng
RT: 7.112 min Scan# 61
Delta R.T. 0.003 min
Lab File: BG060030.D
Acq: 15 Dec 2023 11:06

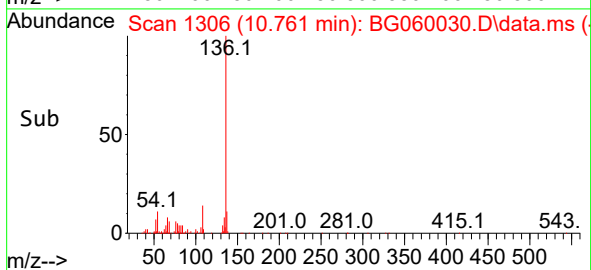
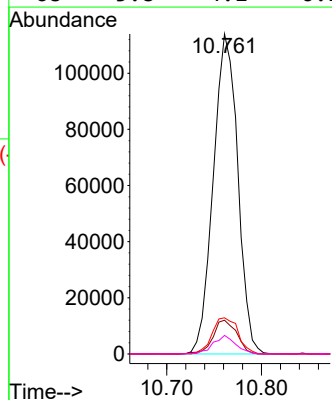
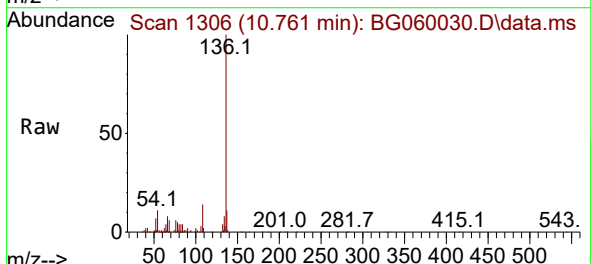
Instrument :
BNA_G
ClientSampleId :
PB157592TB

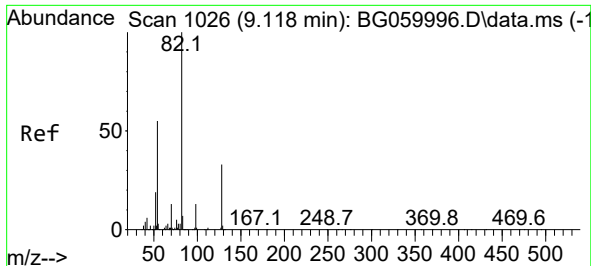
Tgt Ion: 99 Resp: 355896
Ion Ratio Lower Upper
99 100
42 19.4 16.2 24.4
71 44.8 37.6 56.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.761 min Scan# 1306
Delta R.T. -0.002 min
Lab File: BG060030.D
Acq: 15 Dec 2023 11:06

Tgt Ion: 136 Resp: 204239
Ion Ratio Lower Upper
136 100
137 10.5 7.3 10.9
54 11.3 9.6 14.4
68 5.8 4.1 6.1

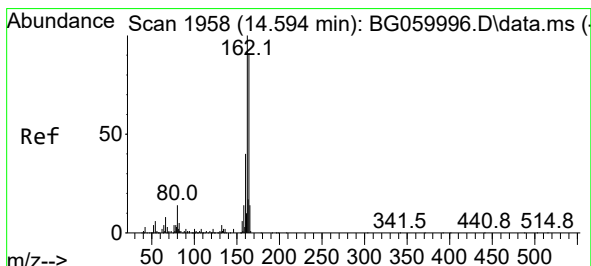
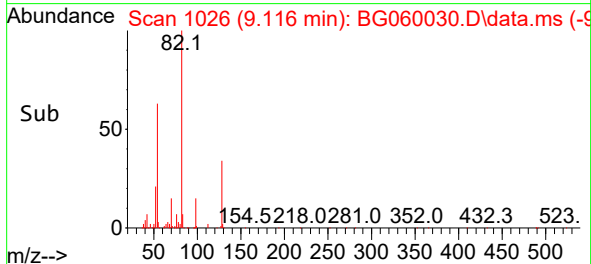
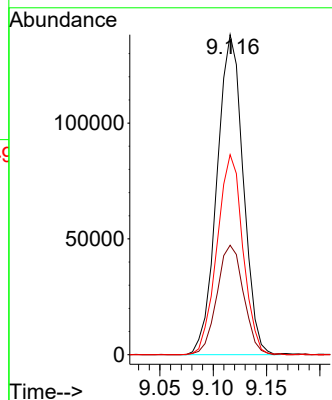
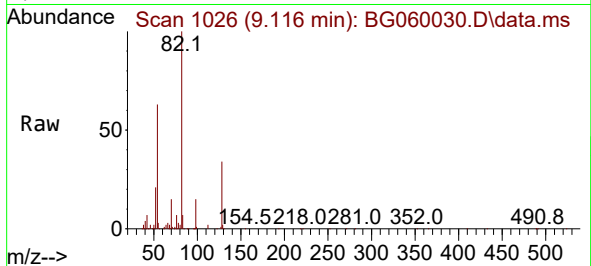




#23
Nitrobenzene-d5
Concen: 52.537 ng
RT: 9.116 min Scan# 1026
Delta R.T. -0.002 min
Lab File: BG060030.D
Acq: 15 Dec 2023 11:06

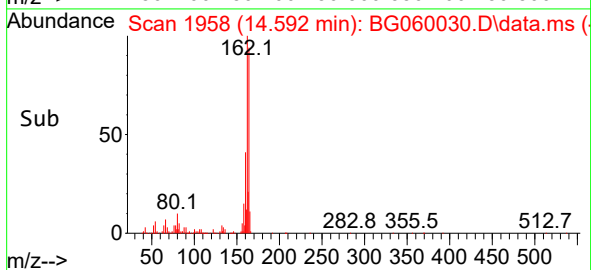
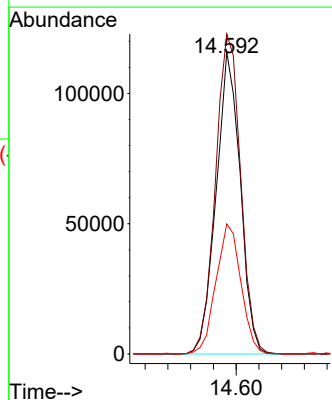
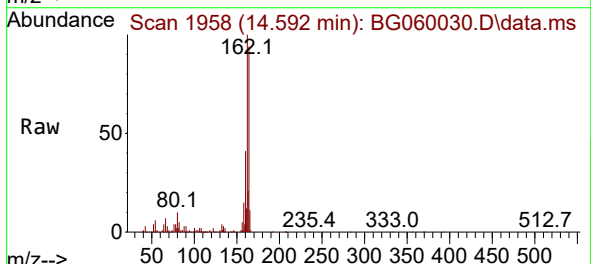
Instrument :
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ClientSampleId :
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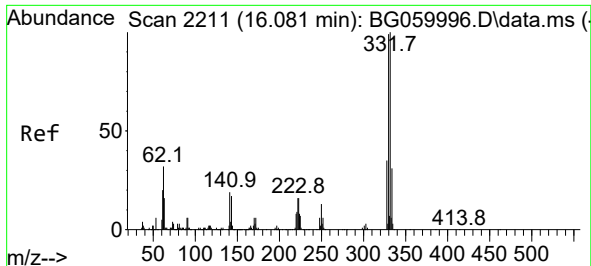
Tgt Ion: 82 Resp: 236305
Ion Ratio Lower Upper
82 100
128 34.2 26.3 39.5
54 62.5 44.3 66.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.592 min Scan# 1958
Delta R.T. -0.002 min
Lab File: BG060030.D
Acq: 15 Dec 2023 11:06

Tgt Ion: 164 Resp: 170239
Ion Ratio Lower Upper
164 100
162 106.0 88.1 132.1
160 43.1 35.4 53.0

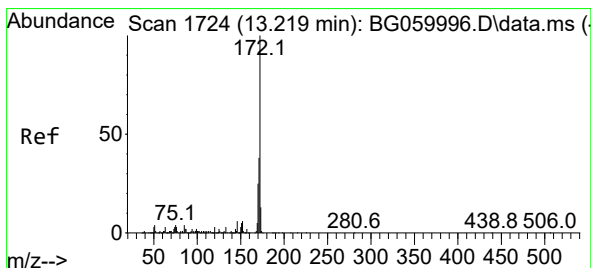
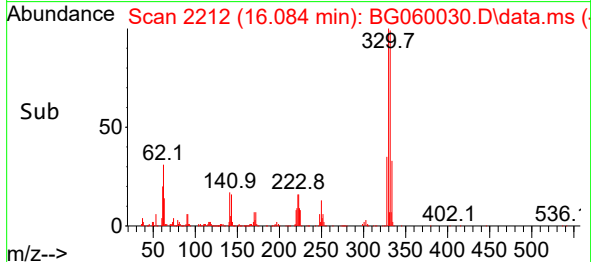
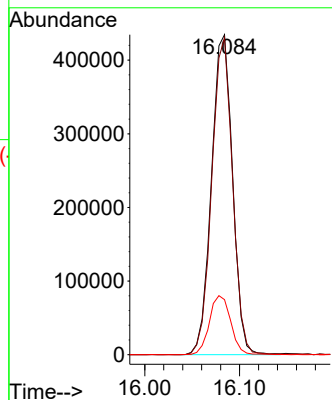
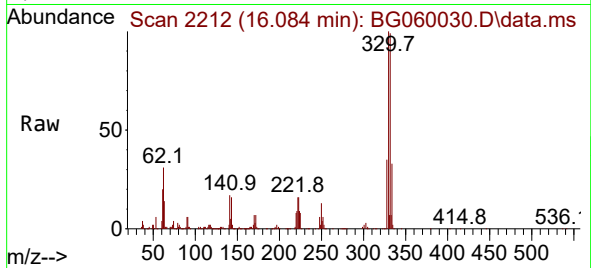




#42
2,4,6-Tribromophenol
Concen: 169.272 ng
RT: 16.084 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG060030.D
Acq: 15 Dec 2023 11:06

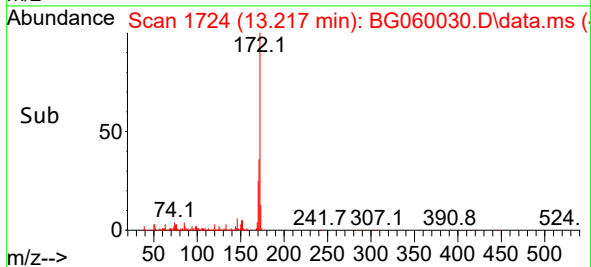
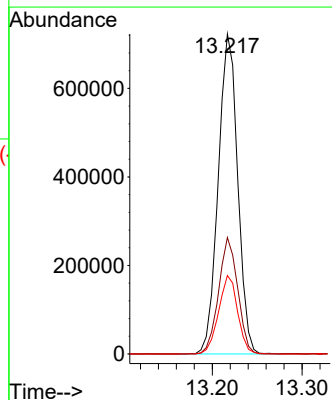
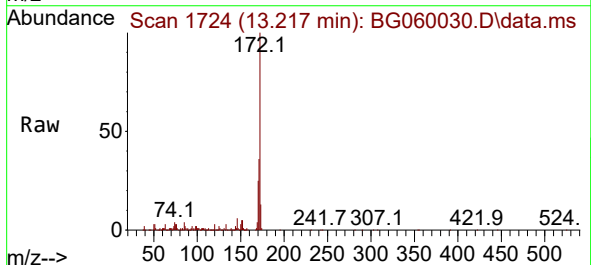
Instrument :
BNA_G
ClientSampleId :
PB157592TB

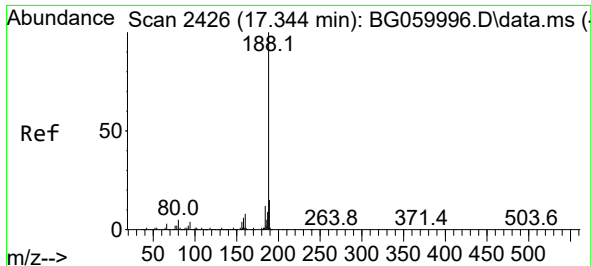
Tgt Ion:330 Resp: 671564
Ion Ratio Lower Upper
330 100
332 97.1 76.2 114.4
141 18.7 14.3 21.5



#45
2-Fluorobiphenyl
Concen: 78.152 ng
RT: 13.217 min Scan# 1724
Delta R.T. -0.002 min
Lab File: BG060030.D
Acq: 15 Dec 2023 11:06

Tgt Ion:172 Resp: 1087058
Ion Ratio Lower Upper
172 100
171 36.4 30.1 45.1
170 24.5 20.0 30.0

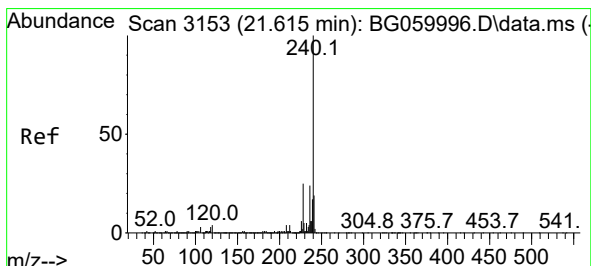
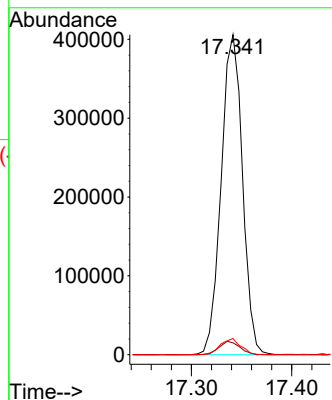
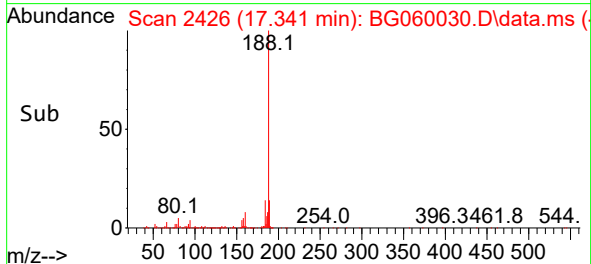
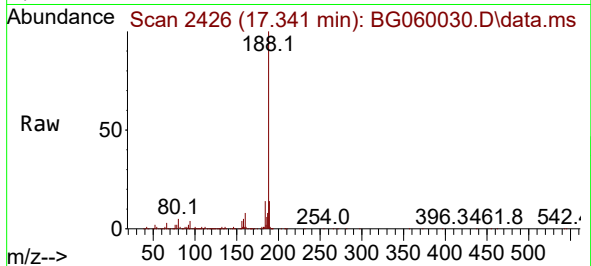




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.341 min Scan# 2426
Delta R.T. -0.002 min
Lab File: BG060030.D
Acq: 15 Dec 2023 11:06

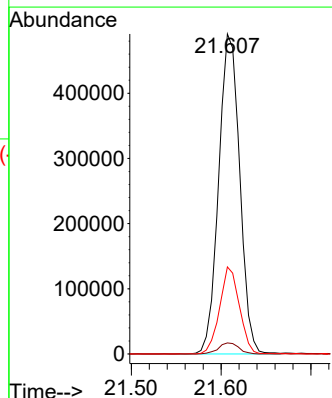
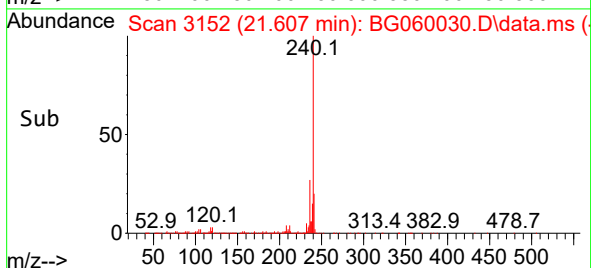
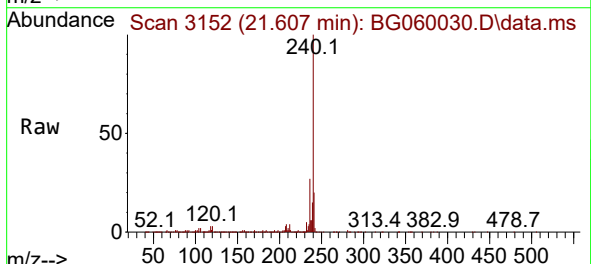
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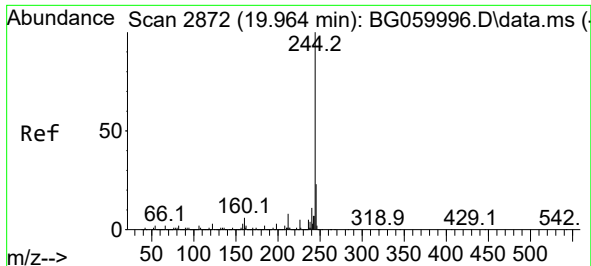
Tgt Ion:188 Resp: 596787
Ion Ratio Lower Upper
188 100
94 3.7 3.0 4.6
80 5.1 4.0 6.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.607 min Scan# 3152
Delta R.T. -0.008 min
Lab File: BG060030.D
Acq: 15 Dec 2023 11:06

Tgt Ion:240 Resp: 799188
Ion Ratio Lower Upper
240 100
120 3.5 2.9 4.3
236 27.2 19.4 29.2

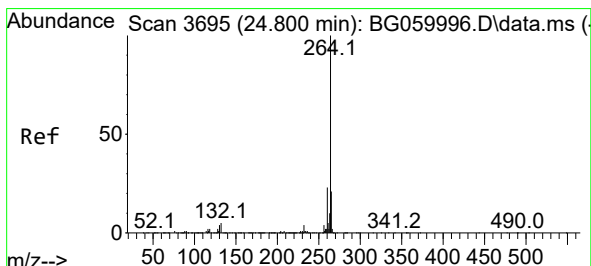
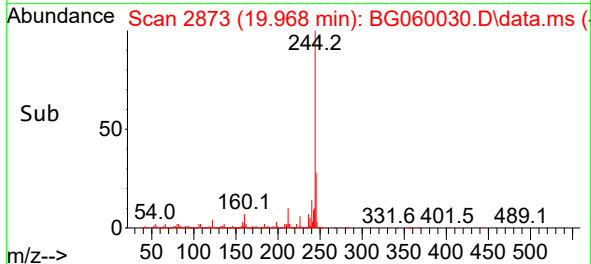
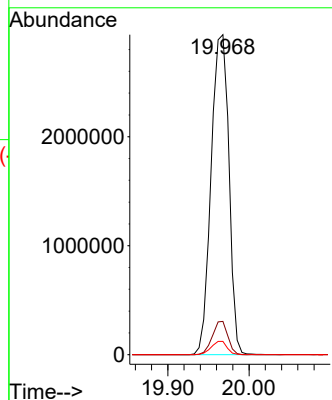
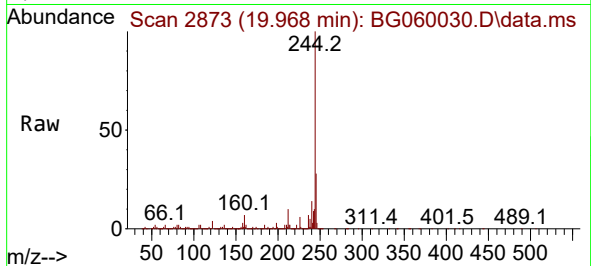




#79
 Terphenyl-d14
 Concen: 101.951 ng
 RT: 19.968 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BG060030.D
 Acq: 15 Dec 2023 11:06

Instrument :
 BNA_G
 ClientSampleId :
 PB157592TB

Tgt Ion:244 Resp: 4462824
 Ion Ratio Lower Upper
 244 100
 212 10.4 6.8 10.2#
 122 4.2 2.6 3.8#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.797 min Scan# 3695
 Delta R.T. -0.002 min
 Lab File: BG060030.D
 Acq: 15 Dec 2023 11:06

Tgt Ion:264 Resp: 947553
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.5 27.7
 265 22.5 17.3 25.9

