

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122223\
 Data File : BG060162.D
 Acq On : 23 Dec 2023 7:42
 Operator : MA/JU
 Sample : 05897-01
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GHL-SS-35a

Quant Time: Dec 25 00:44:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 22 03:42:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.938	152	326603	20.000	ng	# 0.00
21) Naphthalene-d8	10.740	136	1408426	20.000	ng	0.00
39) Acenaphthene-d10	14.577	164	1011658	20.000	ng	0.00
64) Phenanthrene-d10	17.321	188	2009899	20.000	ng	0.00
76) Chrysene-d12	21.586	240	1539600	20.000	ng	0.00
86) Perylene-d12	24.759	264	1708179	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.511	112	2103929	101.505	ng	0.00
7) Phenol-d6	7.103	99	2965197	85.004	ng	0.00
23) Nitrobenzene-d5	9.101	82	1868157	64.978	ng	0.00
42) 2,4,6-Tribromophenol	16.063	330	951628	69.864	ng	0.00
45) 2-Fluorobiphenyl	13.202	172	3433575	50.963	ng	0.00
79) Terphenyl-d14	19.941	244	3306886	38.867	ng	0.00

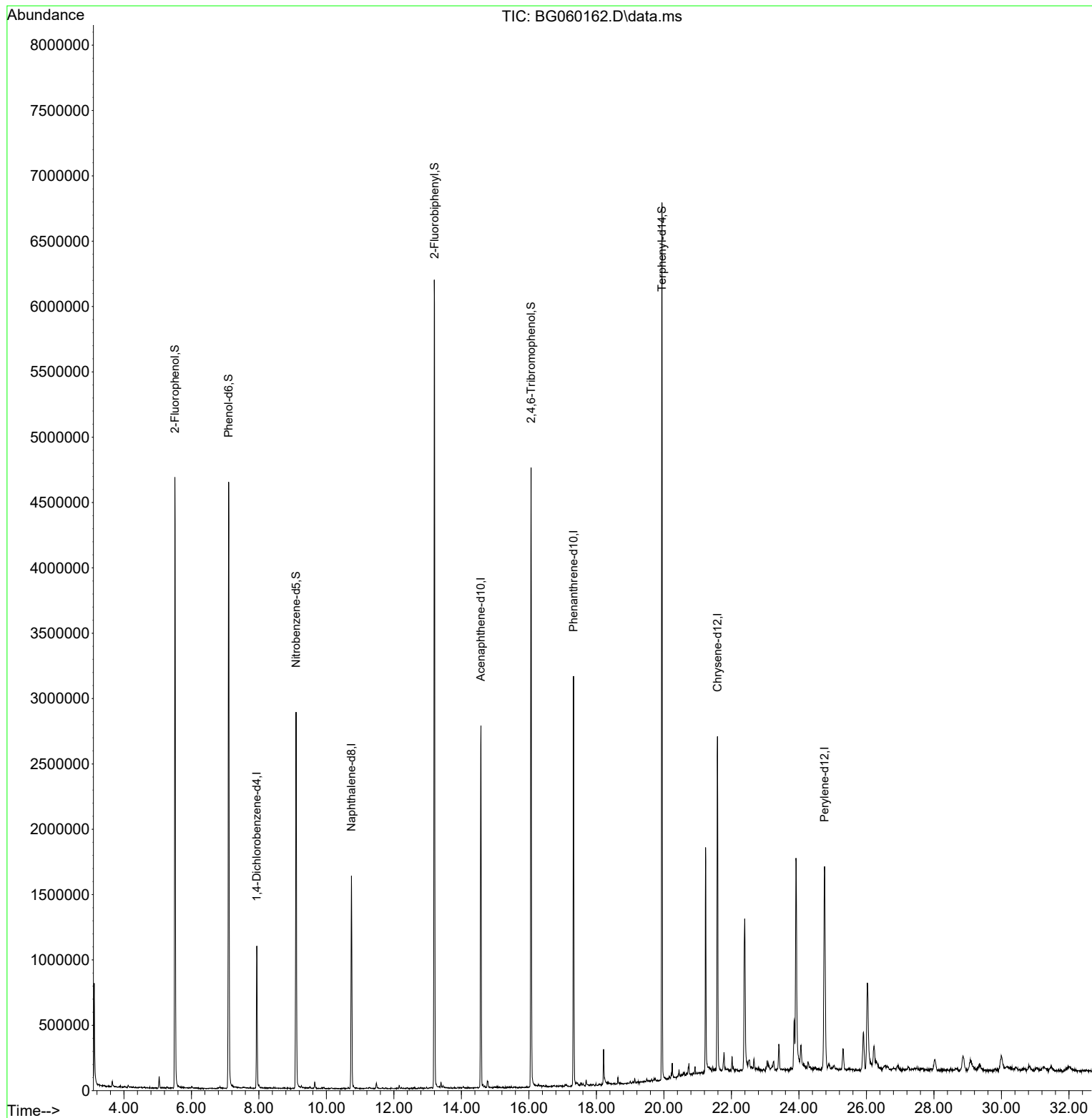
Target Compounds	Qvalue

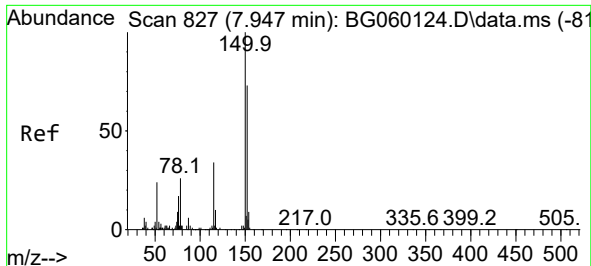
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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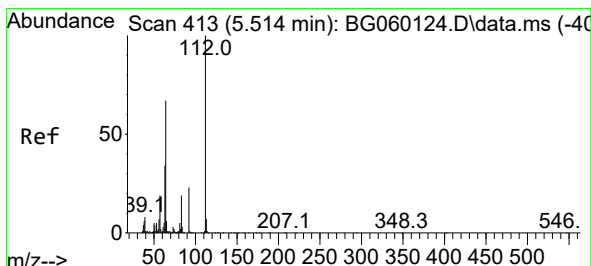
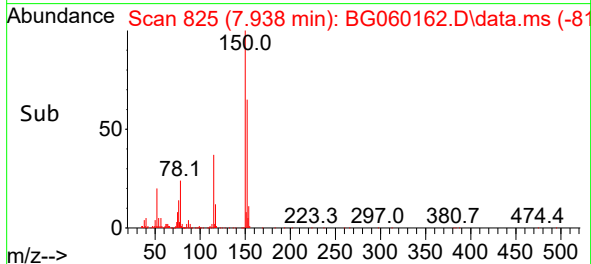
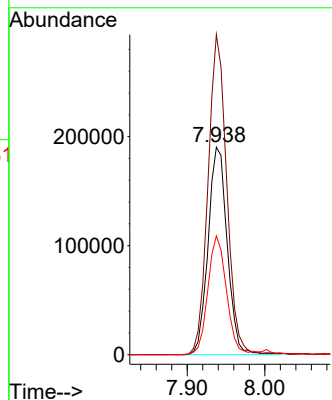
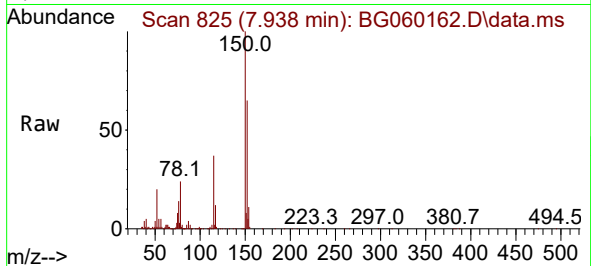




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.938 min Scan# 81
Delta R.T. -0.009 min
Lab File: BG060162.D
Acq: 23 Dec 2023 7:42

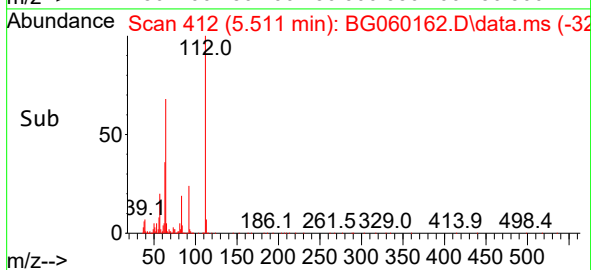
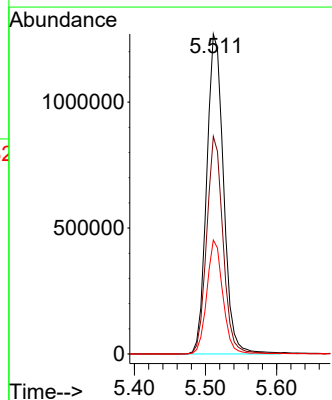
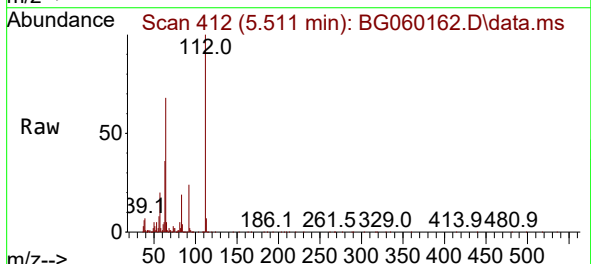
Instrument :
BNA_G
ClientSampleId :
GHL-SS-35a

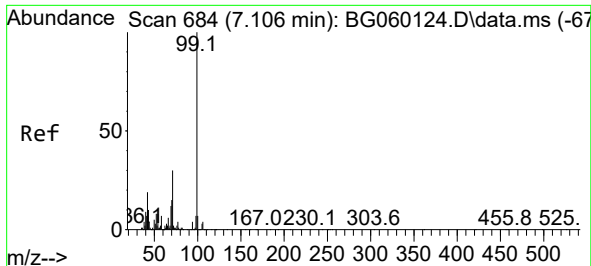
Tgt Ion:152 Resp: 326603
Ion Ratio Lower Upper
152 100
150 154.3 109.4 164.0
115 57.3 36.5 54.7#



#5
2-Fluorophenol
Concen: 101.505 ng
RT: 5.511 min Scan# 412
Delta R.T. -0.003 min
Lab File: BG060162.D
Acq: 23 Dec 2023 7:42

Tgt Ion:112 Resp: 2103929
Ion Ratio Lower Upper
112 100
64 68.0 53.3 79.9
63 35.6 27.1 40.7

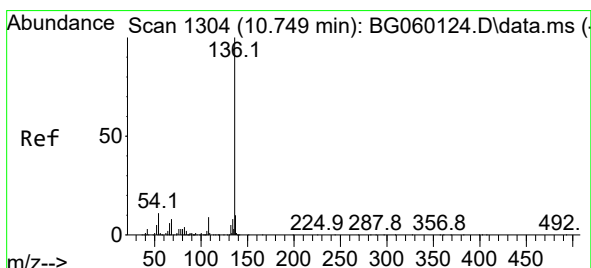
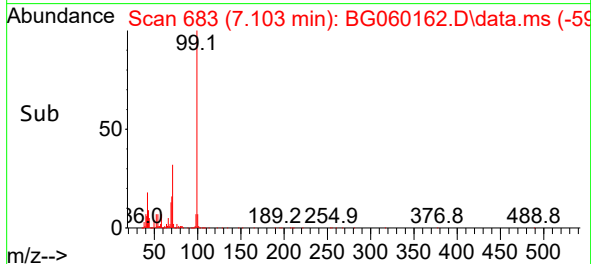
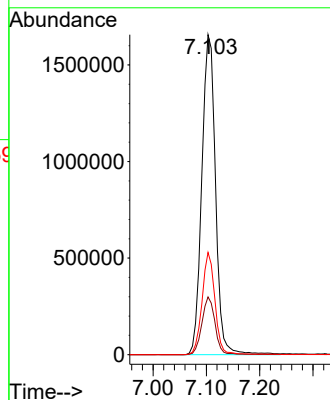
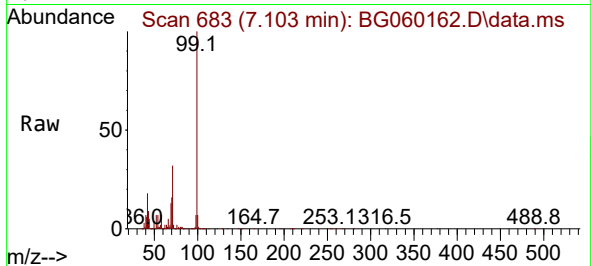




#7
Phenol-d6
Concen: 85.004 ng
RT: 7.103 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG060162.D
Acq: 23 Dec 2023 7:42

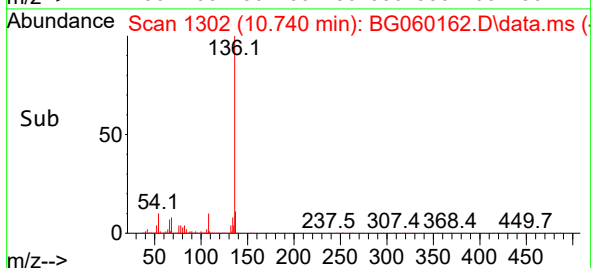
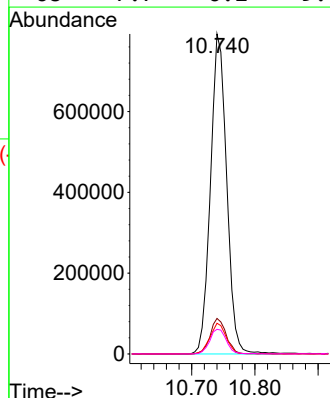
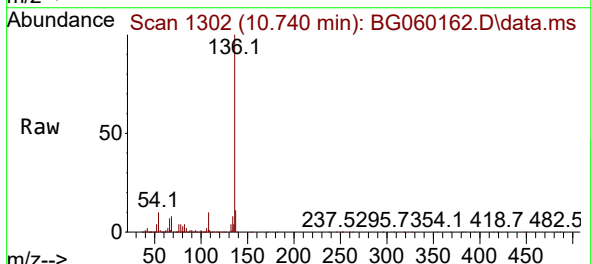
Instrument :
BNA_G
ClientSampleId :
GHL-SS-35a

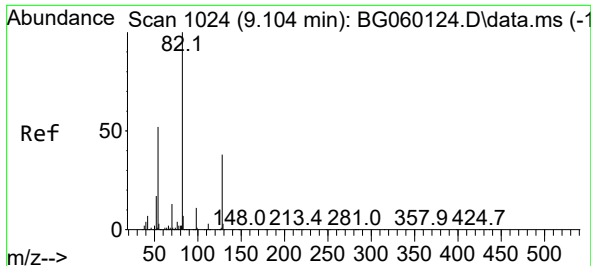
Tgt Ion: 99 Resp: 2965197
Ion Ratio Lower Upper
99 100
42 18.1 15.2 22.8
71 31.9 24.2 36.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.740 min Scan# 1302
Delta R.T. -0.009 min
Lab File: BG060162.D
Acq: 23 Dec 2023 7:42

Tgt Ion:136 Resp: 1408426
Ion Ratio Lower Upper
136 100
137 11.1 8.1 12.1
54 9.6 8.7 13.1
68 7.7 6.2 9.4

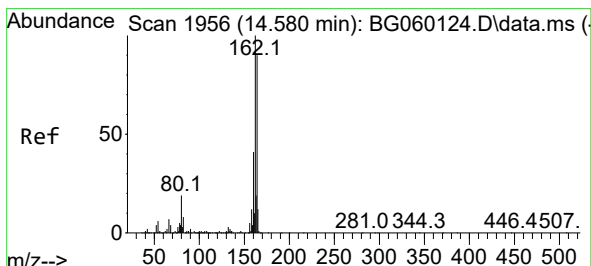
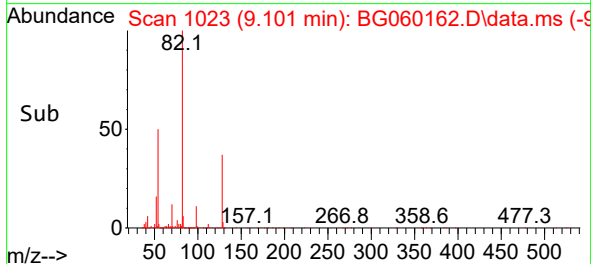
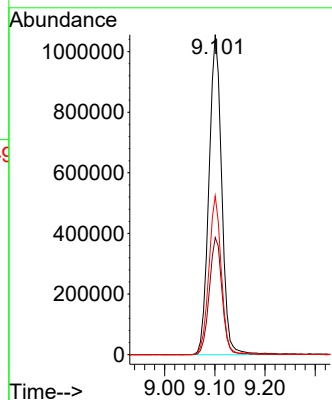
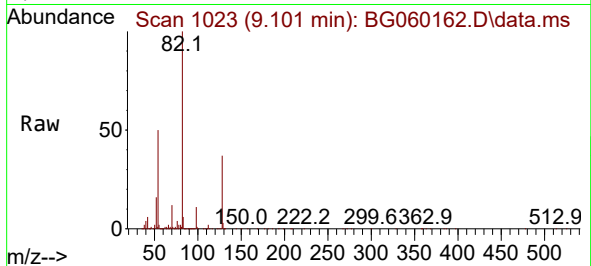




#23
Nitrobenzene-d5
Concen: 64.978 ng
RT: 9.101 min Scan# 1023
Delta R.T. -0.003 min
Lab File: BG060162.D
Acq: 23 Dec 2023 7:42

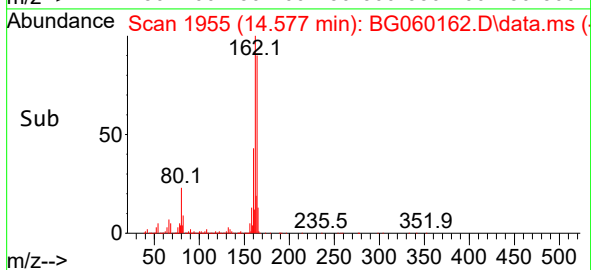
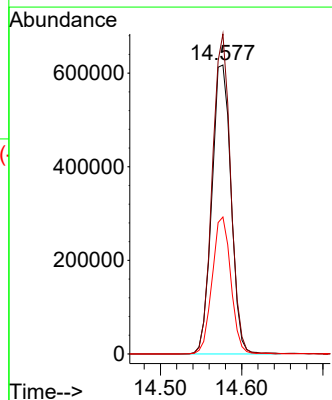
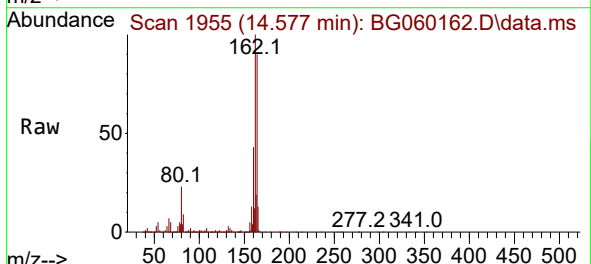
Instrument :
BNA_G
ClientSampleId :
GHL-SS-35a

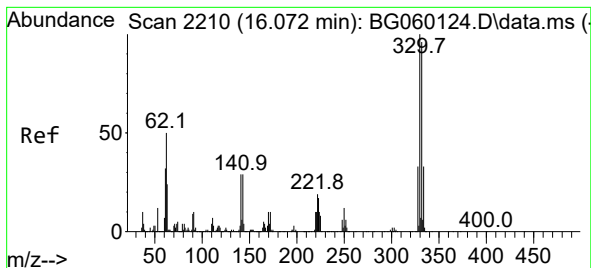
Tgt Ion: 82 Resp: 1868157
Ion Ratio Lower Upper
82 100
128 36.6 30.5 45.7
54 49.6 41.9 62.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.577 min Scan# 1955
Delta R.T. -0.003 min
Lab File: BG060162.D
Acq: 23 Dec 2023 7:42

Tgt Ion: 164 Resp: 1011658
Ion Ratio Lower Upper
164 100
162 110.7 88.5 132.7
160 47.4 36.2 54.2

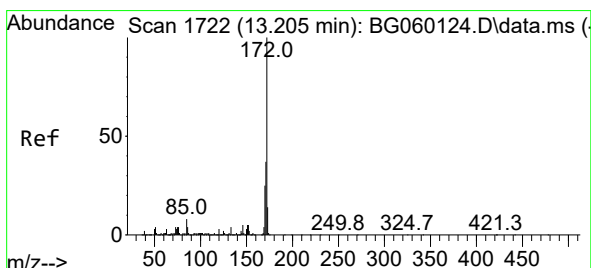
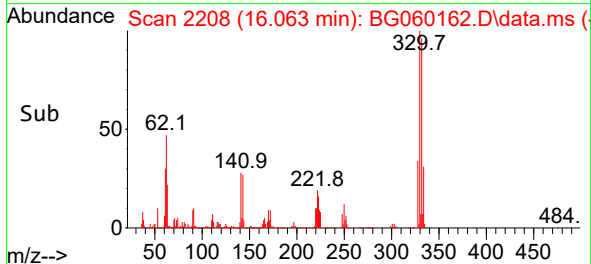
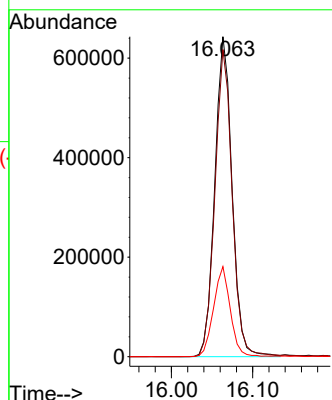
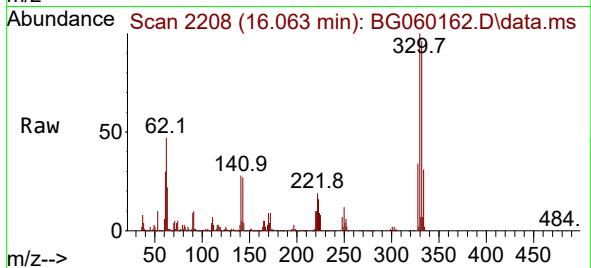




#42
2,4,6-Tribromophenol
Concen: 69.864 ng
RT: 16.063 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG060162.D
Acq: 23 Dec 2023 7:42

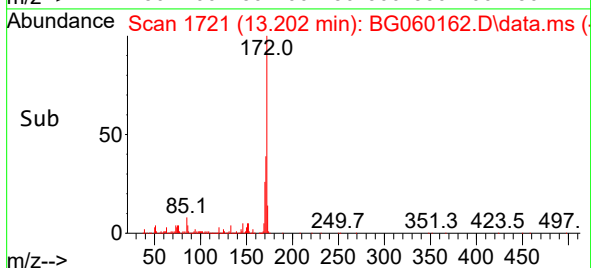
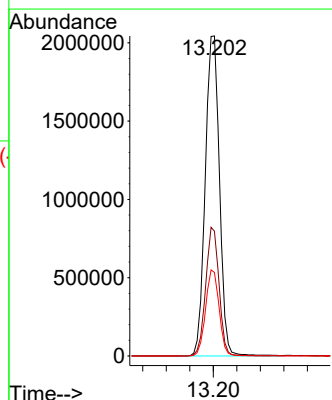
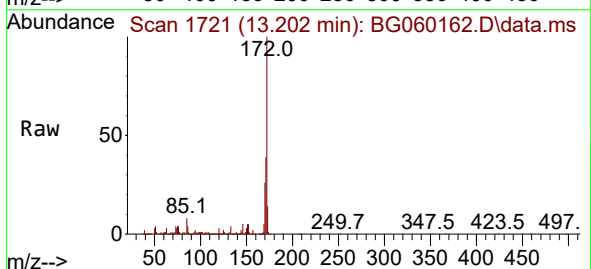
Instrument :
BNA_G
ClientSampleId :
GHL-SS-35a

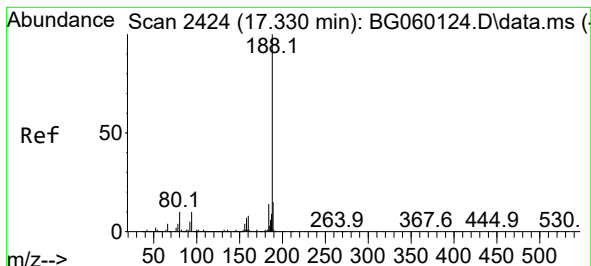
Tgt Ion:330 Resp: 951628
Ion Ratio Lower Upper
330 100
332 96.2 75.5 113.3
141 27.2 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 50.963 ng
RT: 13.202 min Scan# 1721
Delta R.T. -0.003 min
Lab File: BG060162.D
Acq: 23 Dec 2023 7:42

Tgt Ion:172 Resp: 3433575
Ion Ratio Lower Upper
172 100
171 39.0 29.2 43.8
170 26.1 20.1 30.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.321 min Scan# 24

Delta R.T. -0.009 min

Lab File: BG060162.D

Acq: 23 Dec 2023 7:42

Instrument :

BNA_G

ClientSampleId :

GHL-SS-35a

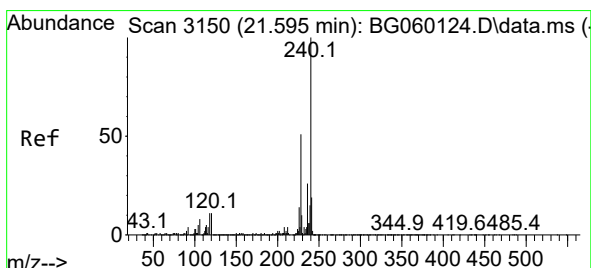
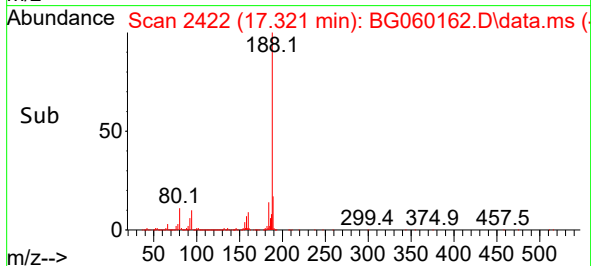
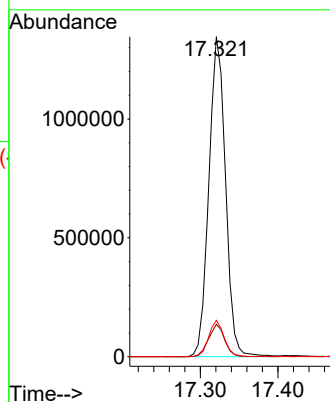
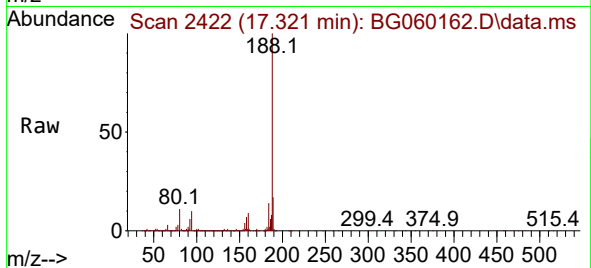
Tgt Ion:188 Resp: 2009899

Ion Ratio Lower Upper

188 100

94 10.1 7.6 11.4

80 11.4 7.9 11.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.586 min Scan# 3148

Delta R.T. -0.009 min

Lab File: BG060162.D

Acq: 23 Dec 2023 7:42

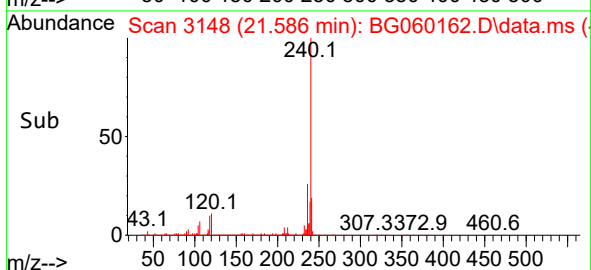
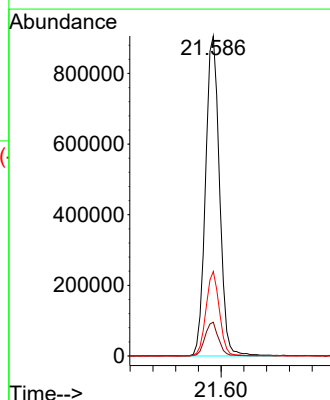
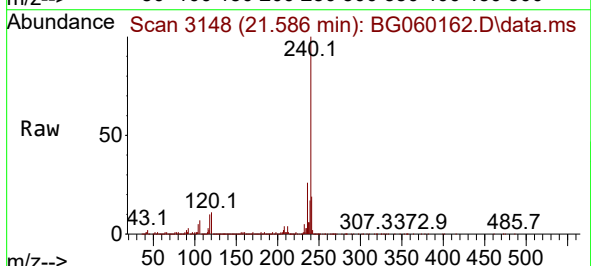
Tgt Ion:240 Resp: 1539600

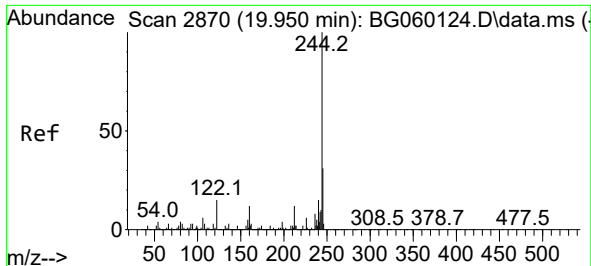
Ion Ratio Lower Upper

240 100

120 10.6 9.0 13.6

236 26.4 20.4 30.6





#79

Terphenyl-d14

Concen: 38.867 ng

RT: 19.941 min Scan# 21

Delta R.T. -0.009 min

Lab File: BG060162.D

Acq: 23 Dec 2023 7:42

Instrument :

BNA_G

ClientSampleId :

GHL-SS-35a

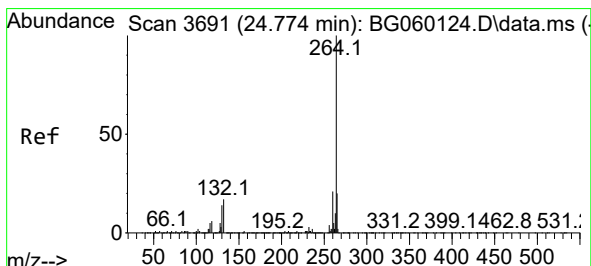
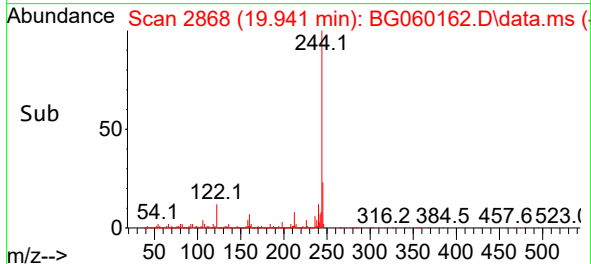
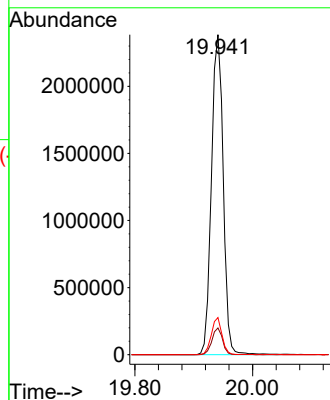
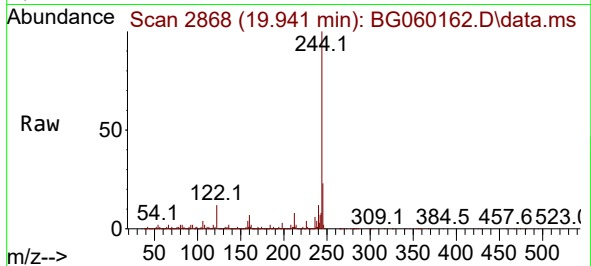
Tgt Ion:244 Resp: 3306886

Ion Ratio Lower Upper

244 100

212 8.4 9.5 14.3#

122 11.6 12.2 18.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.759 min Scan# 3688

Delta R.T. -0.015 min

Lab File: BG060162.D

Acq: 23 Dec 2023 7:42

Tgt Ion:264 Resp: 1708179

Ion Ratio Lower Upper

264 100

260 23.7 17.1 25.7

265 21.7 16.0 24.0

