

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122023\
 Data File : BG060116.D
 Acq On : 21 Dec 2023 2:37
 Operator : MA/JU
 Sample : 05887-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-121423

Quant Time: Dec 21 04:22:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 19 04:37:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.948	152	51514	20.000	ng	-0.01
21) Naphthalene-d8	10.756	136	174854	20.000	ng	# 0.00
39) Acenaphthene-d10	14.587	164	157365	20.000	ng	-0.01
64) Phenanthrene-d10	17.337	188	476085	20.000	ng	#-0.01
76) Chrysene-d12	21.608	240	599988	20.000	ng	#-0.01
86) Perylene-d12	24.799	264	701667	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.527	112	207968	69.109	ng	0.00
7) Phenol-d6	7.119	99	322757	76.248	ng	0.00
23) Nitrobenzene-d5	9.111	82	264755	68.755	ng	-0.01
42) 2,4,6-Tribromophenol	16.079	330	392012	106.893	ng	0.00
45) 2-Fluorobiphenyl	13.212	172	830596	64.599	ng	0.00
79) Terphenyl-d14	19.957	244	1859576	56.585	ng	-0.01

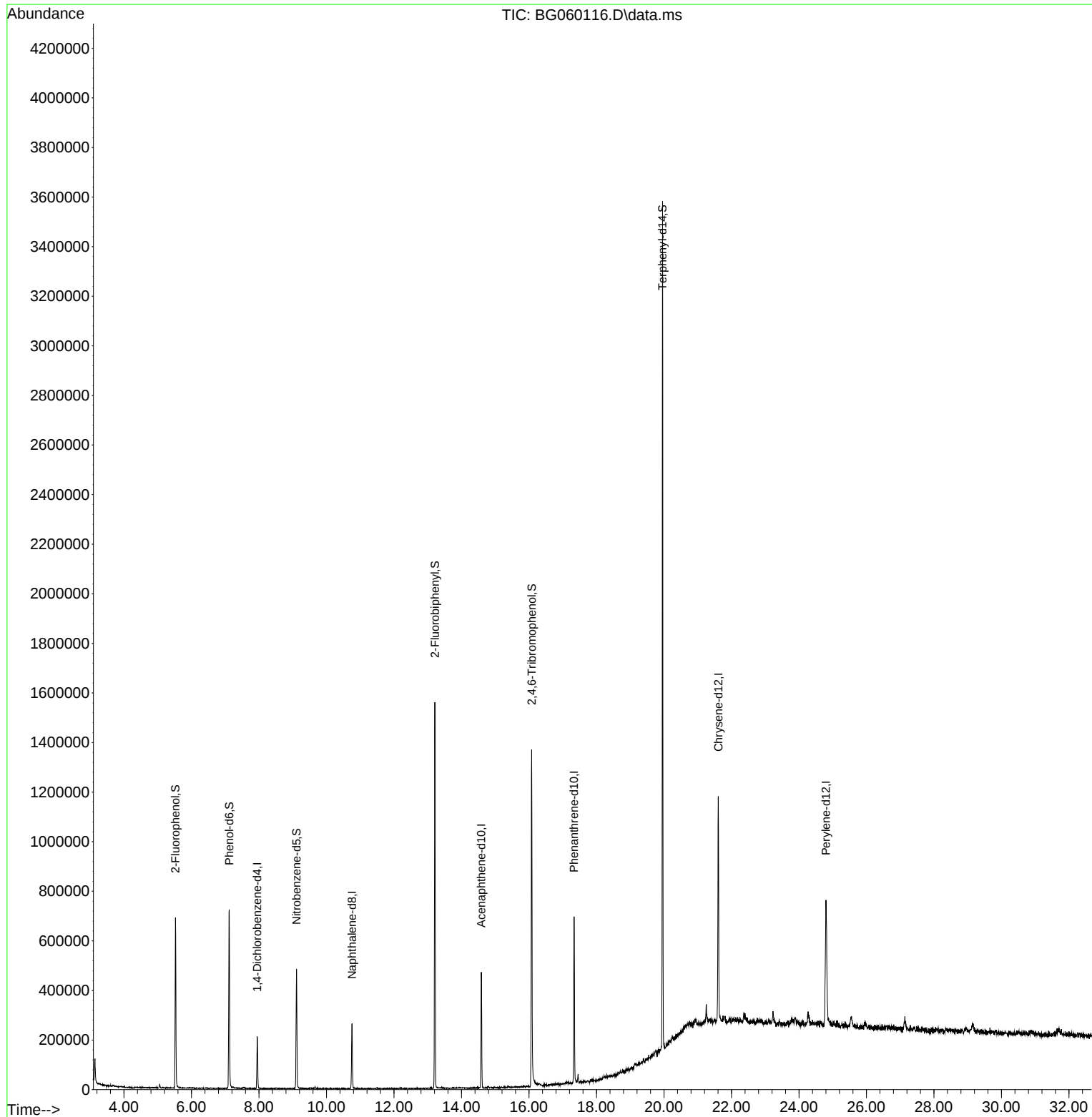
Target Compounds	Qvalue

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

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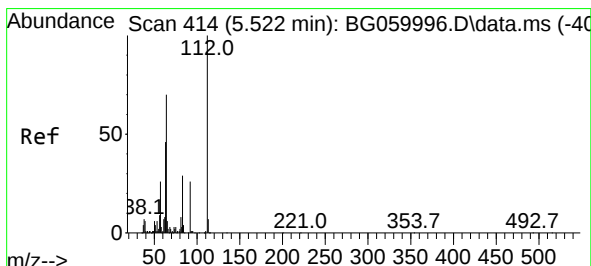
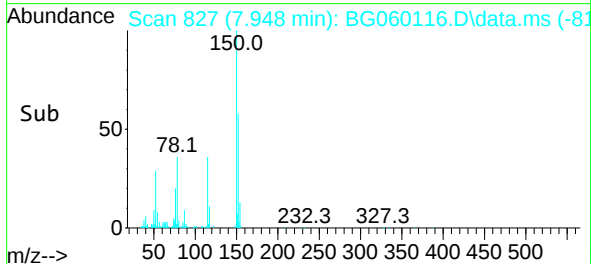
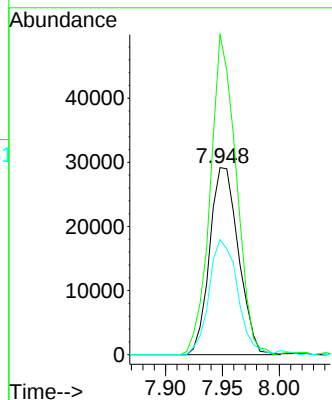
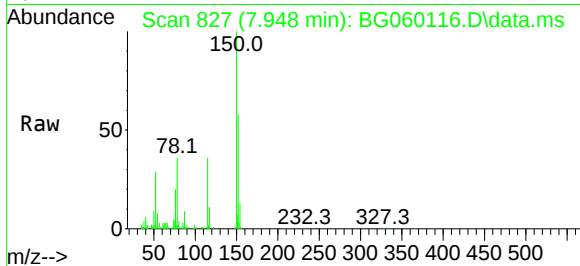




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.948 min Scan# 81
 Delta R.T. -0.011 min
 Lab File: BG060116.D
 Acq: 21 Dec 2023 2:37

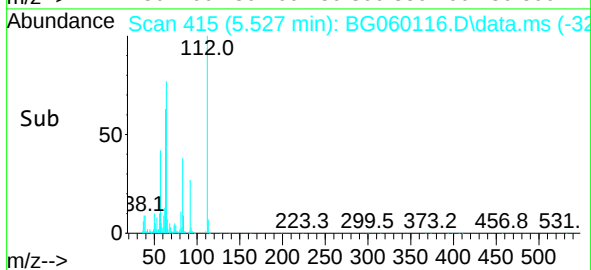
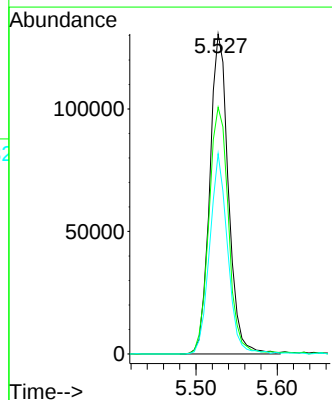
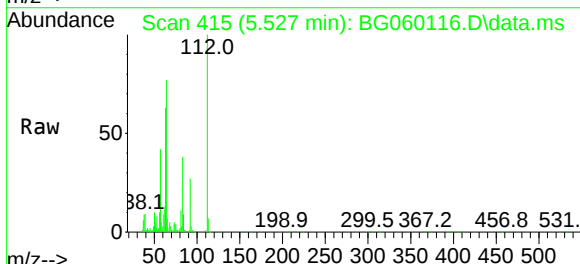
Instrument :
 BNA_G
 ClientSampleId :
 WC-121423

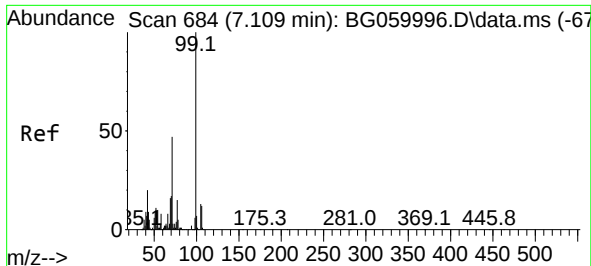
Tgt Ion:152 Resp: 51514
 Ion Ratio Lower Upper
 152 100
 150 171.0 127.0 190.6
 115 61.5 45.7 68.5



#5
 2-Fluorophenol
 Concen: 69.109 ng
 RT: 5.527 min Scan# 415
 Delta R.T. 0.001 min
 Lab File: BG060116.D
 Acq: 21 Dec 2023 2:37

Tgt Ion:112 Resp: 207968
 Ion Ratio Lower Upper
 112 100
 64 77.1 55.9 83.9
 63 62.6 36.5 54.7#

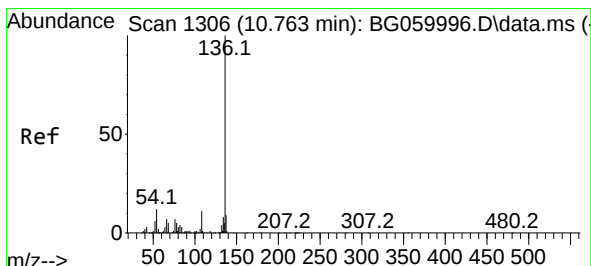
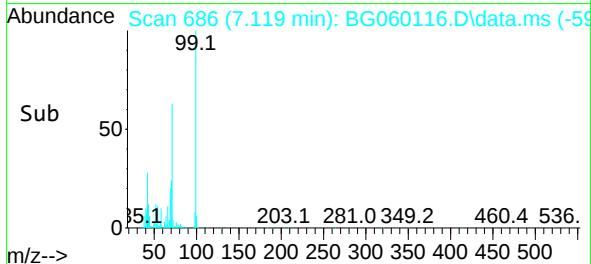
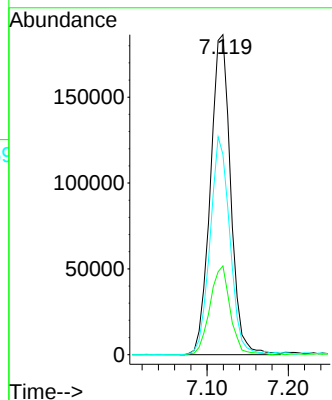
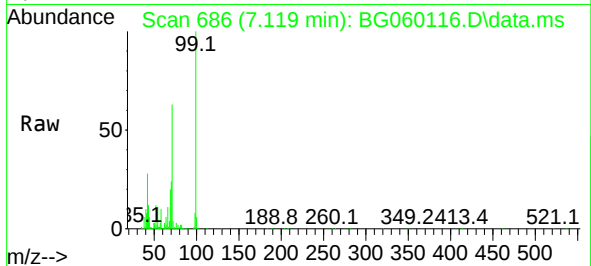




#7
Phenol-d6
Concen: 76.248 ng
RT: 7.119 min Scan# 61
Delta R.T. 0.007 min
Lab File: BG060116.D
Acq: 21 Dec 2023 2:37

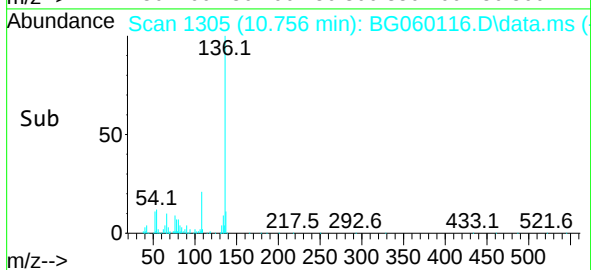
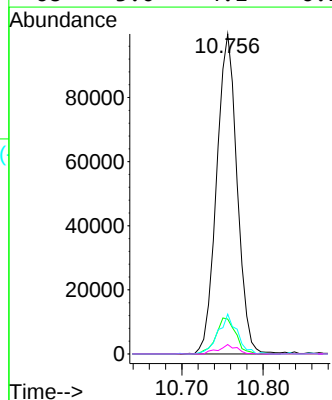
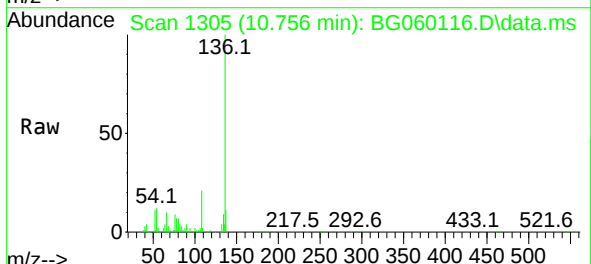
Instrument :
BNA_G
ClientSampleId :
WC-121423

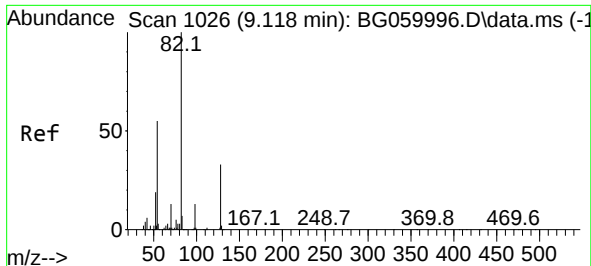
Tgt Ion: 99 Resp: 322757
Ion Ratio Lower Upper
99 100
42 27.7 16.2 24.4#
71 62.6 37.6 56.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.756 min Scan# 1305
Delta R.T. -0.005 min
Lab File: BG060116.D
Acq: 21 Dec 2023 2:37

Tgt Ion: 136 Resp: 174854
Ion Ratio Lower Upper
136 100
137 10.9 7.3 10.9
54 12.5 9.6 14.4
68 3.0 4.1 6.1#

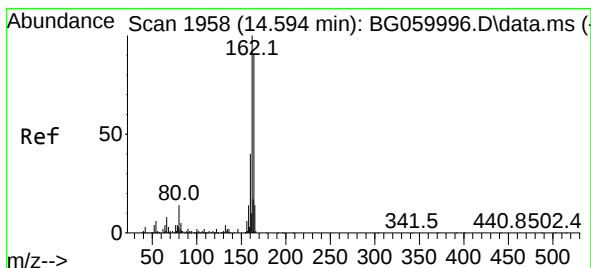
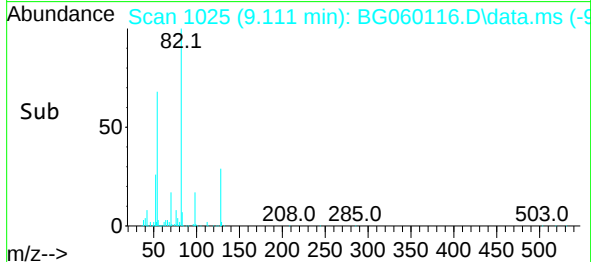
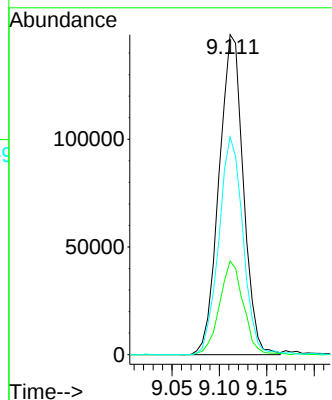
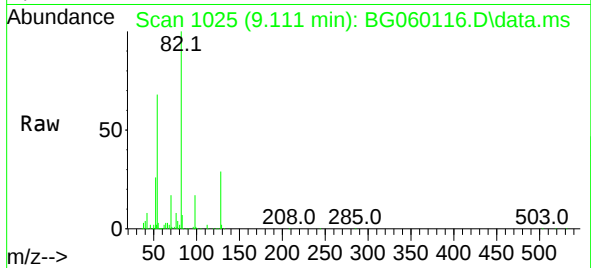




#23
Nitrobenzene-d5
Concen: 68.755 ng
RT: 9.111 min Scan# 1025
Delta R.T. -0.011 min
Lab File: BG060116.D
Acq: 21 Dec 2023 2:37

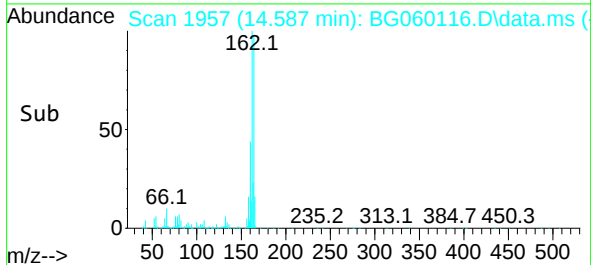
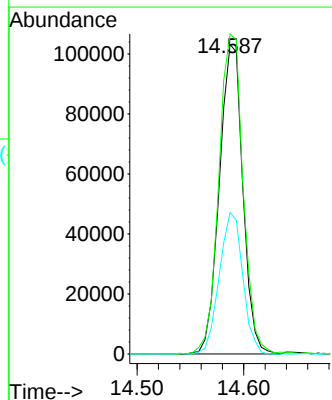
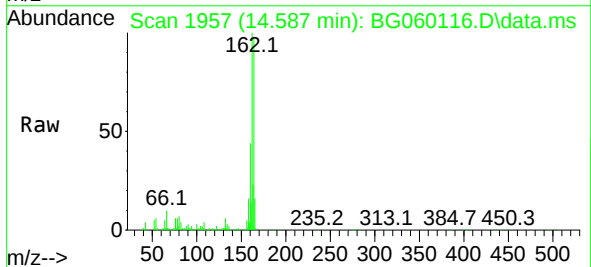
Instrument :
BNA_G
ClientSampleId :
WC-121423

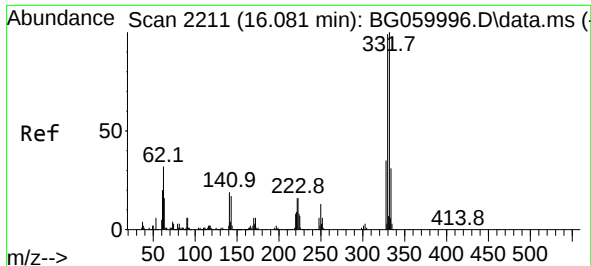
Tgt Ion: 82 Resp: 264755
Ion Ratio Lower Upper
82 100
128 29.2 26.3 39.5
54 68.1 44.3 66.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.587 min Scan# 1957
Delta R.T. -0.011 min
Lab File: BG060116.D
Acq: 21 Dec 2023 2:37

Tgt Ion:164 Resp: 157365
Ion Ratio Lower Upper
164 100
162 103.3 88.1 132.1
160 45.7 35.4 53.0

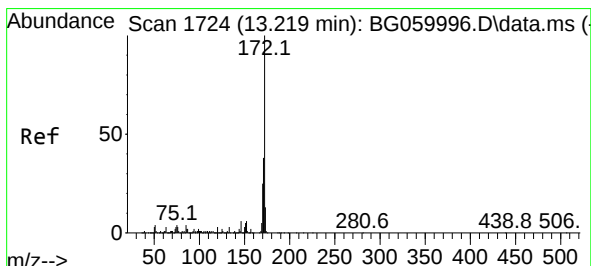
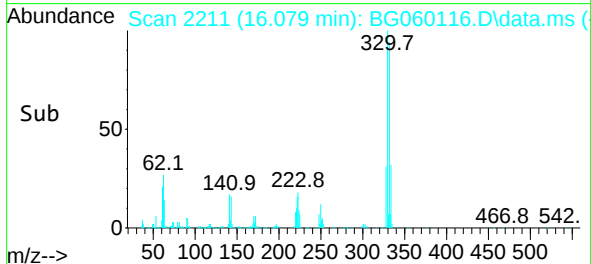
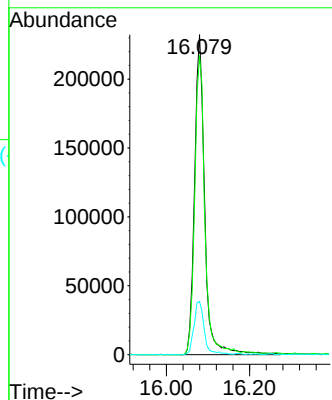
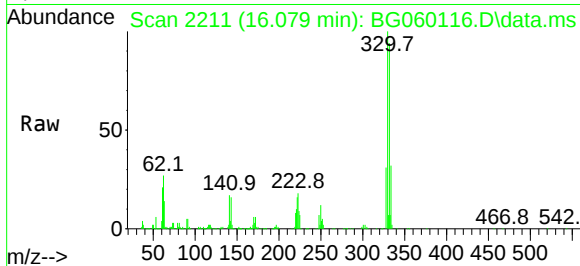




#42
2,4,6-Tribromophenol
Concen: 106.893 ng
RT: 16.079 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG060116.D
Acq: 21 Dec 2023 2:37

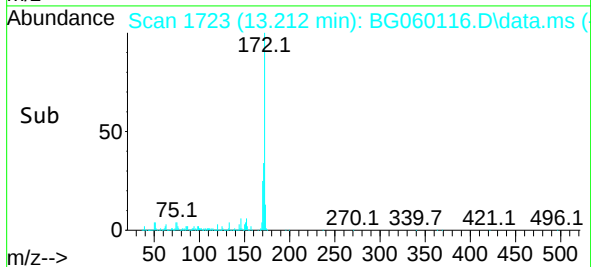
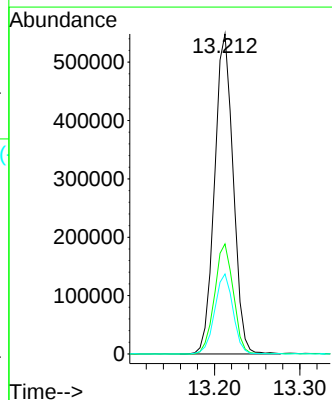
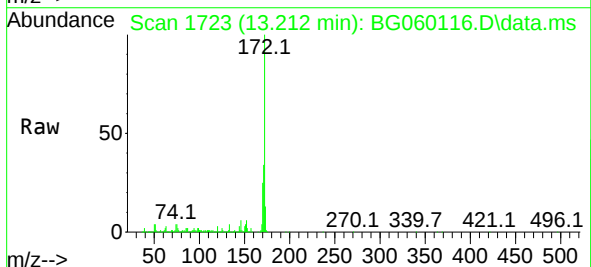
Instrument :
BNA_G
ClientSampleId :
WC-121423

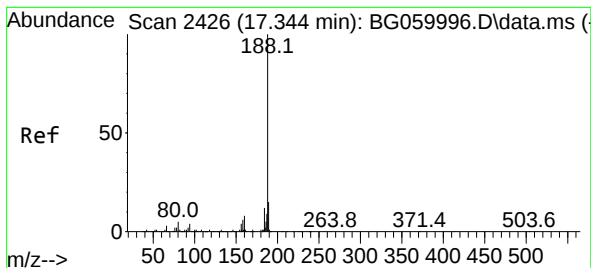
Tgt Ion:330 Resp: 392012
Ion Ratio Lower Upper
330 100
332 93.7 76.2 114.4
141 17.0 14.3 21.5



#45
2-Fluorobiphenyl
Concen: 64.599 ng
RT: 13.212 min Scan# 1723
Delta R.T. -0.005 min
Lab File: BG060116.D
Acq: 21 Dec 2023 2:37

Tgt Ion:172 Resp: 830596
Ion Ratio Lower Upper
172 100
171 34.4 30.1 45.1
170 25.0 20.0 30.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.337 min Scan# 24

Delta R.T. -0.011 min

Lab File: BG060116.D

Acq: 21 Dec 2023 2:37

Instrument :

BNA_G

ClientSampleId :

WC-121423

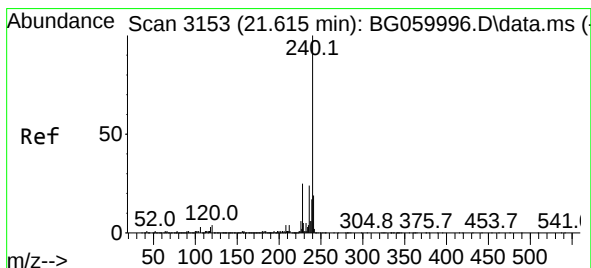
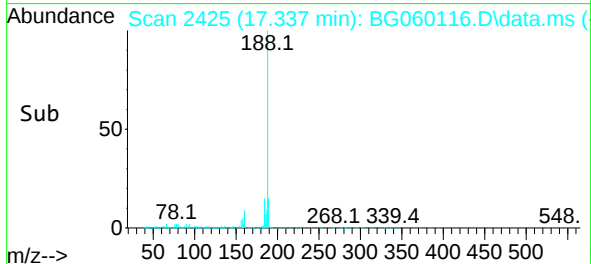
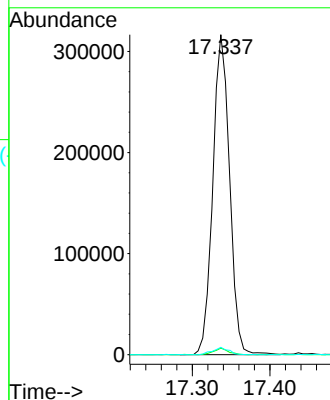
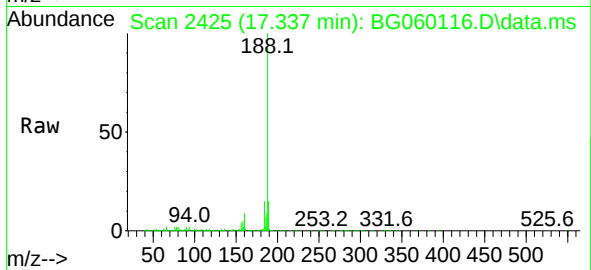
Tgt Ion:188 Resp: 476085

Ion Ratio Lower Upper

188 100

94 2.1 3.0 4.6#

80 2.3 4.0 6.0#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.608 min Scan# 3152

Delta R.T. -0.011 min

Lab File: BG060116.D

Acq: 21 Dec 2023 2:37

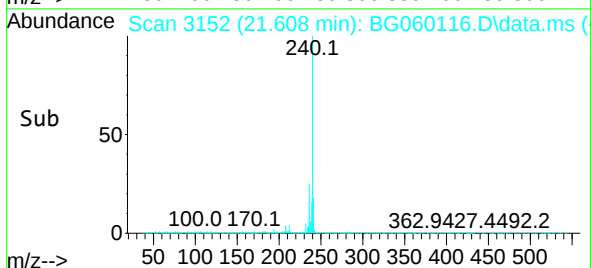
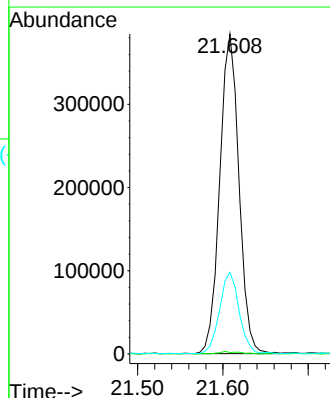
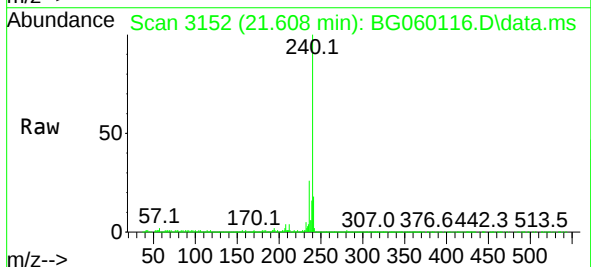
Tgt Ion:240 Resp: 599988

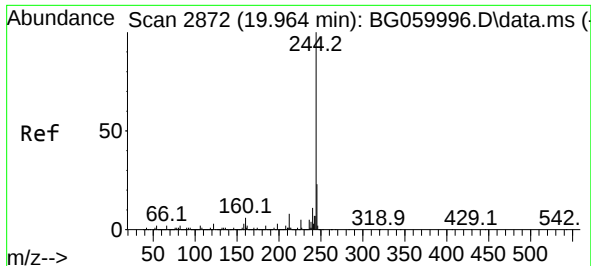
Ion Ratio Lower Upper

240 100

120 0.5 2.9 4.3#

236 25.5 19.4 29.2

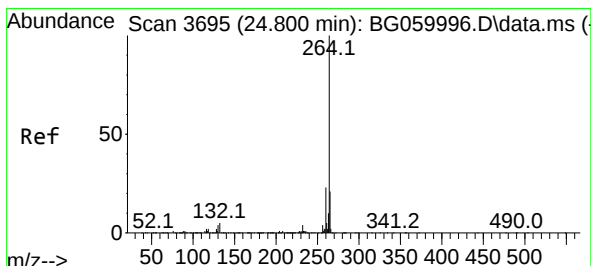
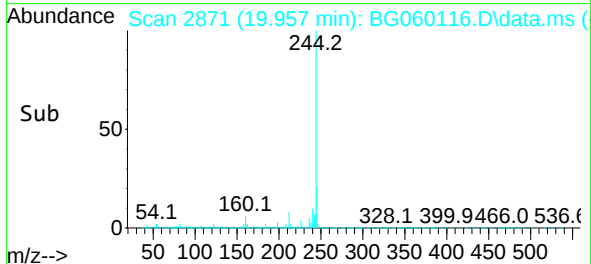
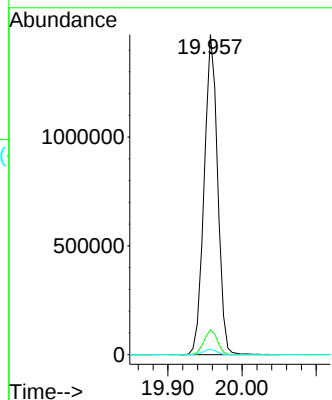
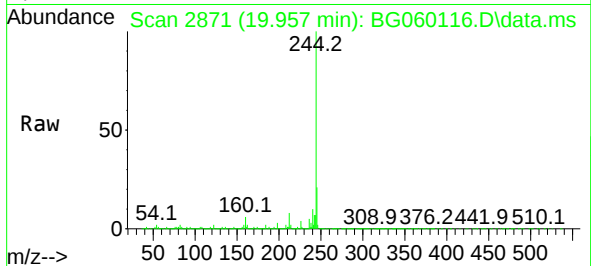




#79
 Terphenyl-d14
 Concen: 56.585 ng
 RT: 19.957 min Scan# 21
 Delta R.T. -0.011 min
 Lab File: BG060116.D
 Acq: 21 Dec 2023 2:37

Instrument :
 BNA_G
 ClientSampleId :
 WC-121423

Tgt Ion:244 Resp: 1859576
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.8 10.2
 122 1.7 2.6 3.8#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.799 min Scan# 3695
 Delta R.T. -0.017 min
 Lab File: BG060116.D
 Acq: 21 Dec 2023 2:37

Tgt Ion:264 Resp: 701667
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.5 27.7
 265 20.8 17.3 25.9

