

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112123\
 Data File : BG059806.D
 Acq On : 22 Nov 2023 00:27
 Operator : MA/JU
 Sample : 05379-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-4

Quant Time: Nov 22 01:04:44 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 17 01:51:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.332	152	25106	20.000	ng	#-0.01
21) Naphthalene-d8	11.182	136	106608	20.000	ng	#-0.01
39) Acenaphthene-d10	14.966	164	112989	20.000	ng	0.00
64) Phenanthrene-d10	17.715	188	275944	20.000	ng	0.00
76) Chrysene-d12	22.046	240	213731	20.000	ng	# 0.00
86) Perylene-d12	25.624	264	233913	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.835	112	213662	143.242	ng	0.00
7) Phenol-d6	7.463	99	274829	124.333	ng	0.00
23) Nitrobenzene-d5	9.543	82	296612	106.260	ng	0.00
42) 2,4,6-Tribromophenol	16.452	330	253577	197.798	ng	0.00
45) 2-Fluorobiphenyl	13.591	172	860266	102.484	ng	0.00
79) Terphenyl-d14	20.295	244	1840527	127.126	ng	0.00

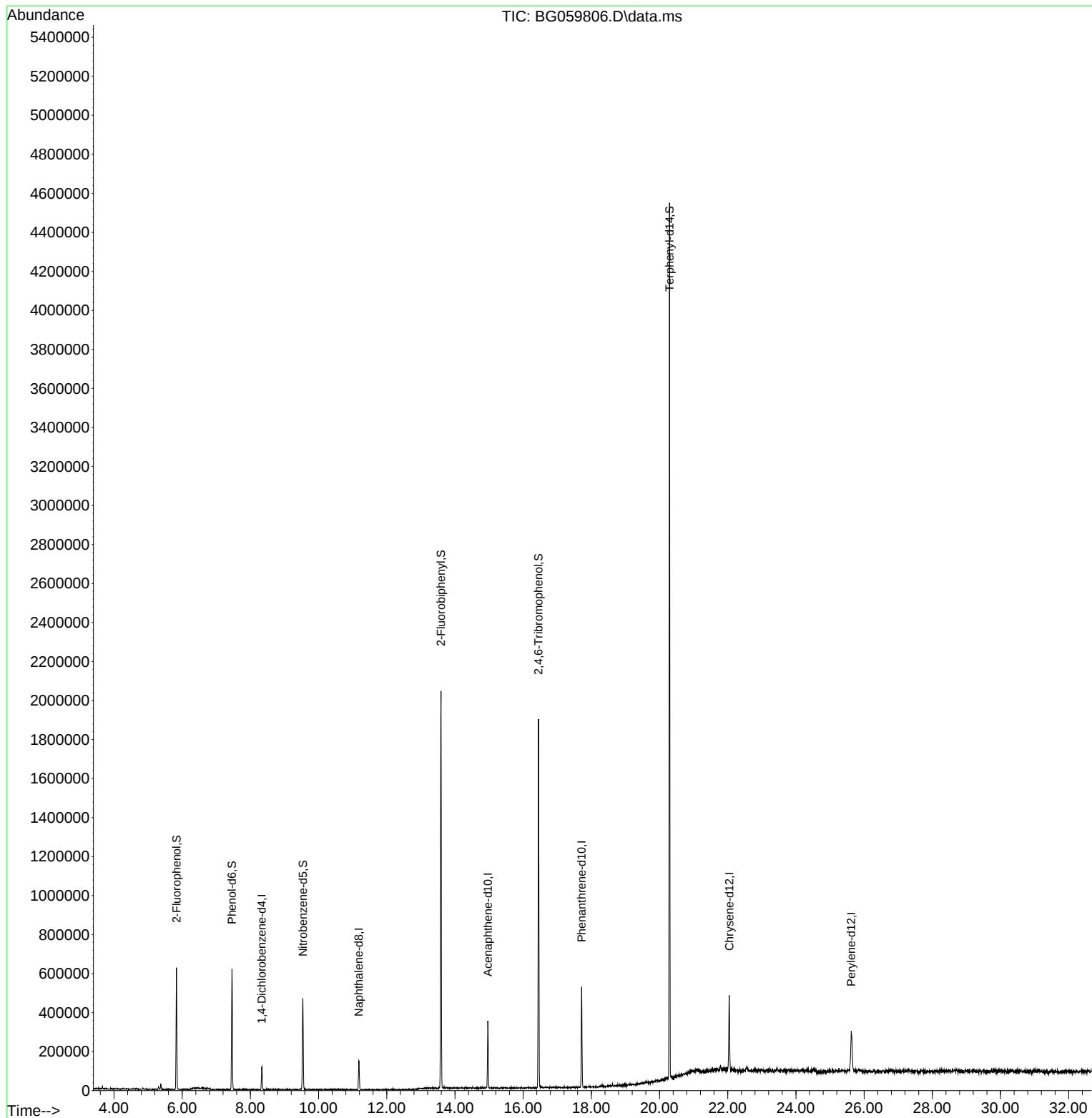
Target Compounds	Qvalue

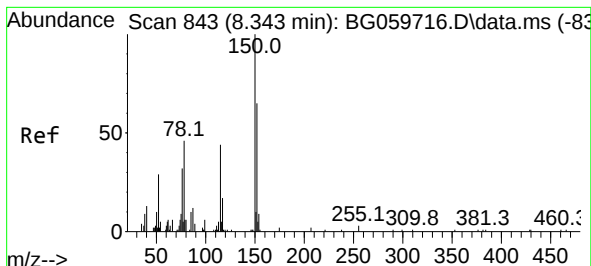
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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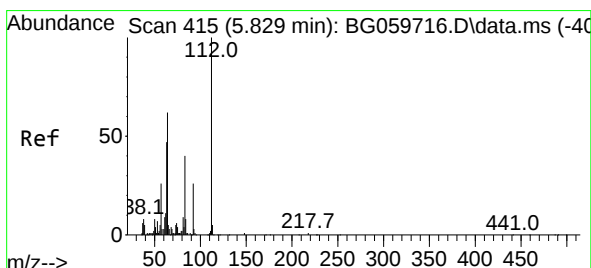
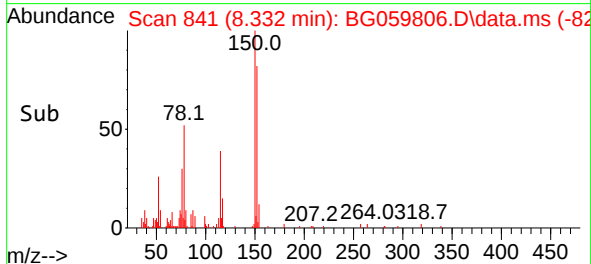
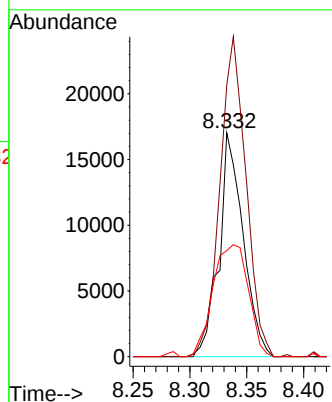
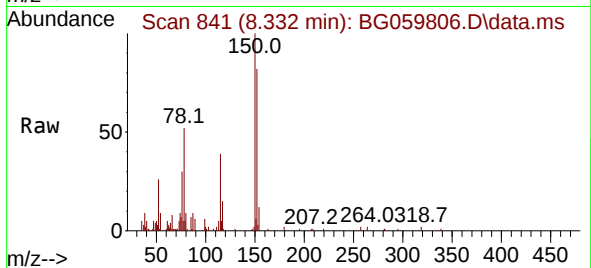




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.332 min Scan# 84
Delta R.T. -0.011 min
Lab File: BG059806.D
Acq: 22 Nov 2023 00:27

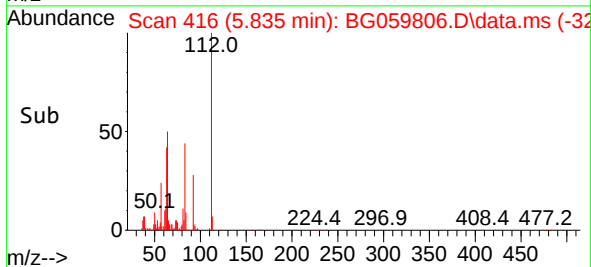
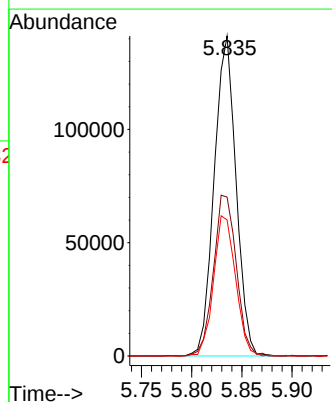
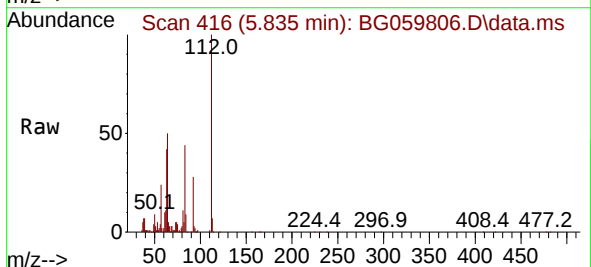
Instrument :
BNA_G
ClientSampleId :
WC-4

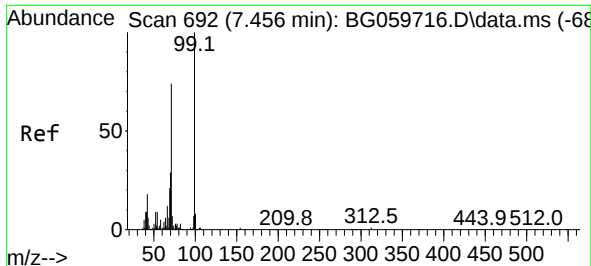
Tgt Ion:152 Resp: 25106
Ion Ratio Lower Upper
152 100
150 121.2 122.2 183.4#
115 47.4 54.2 81.4#



#5
2-Fluorophenol
Concen: 143.242 ng
RT: 5.835 min Scan# 416
Delta R.T. 0.007 min
Lab File: BG059806.D
Acq: 22 Nov 2023 00:27

Tgt Ion:112 Resp: 213662
Ion Ratio Lower Upper
112 100
64 49.6 49.5 74.3
63 42.5 37.4 56.2

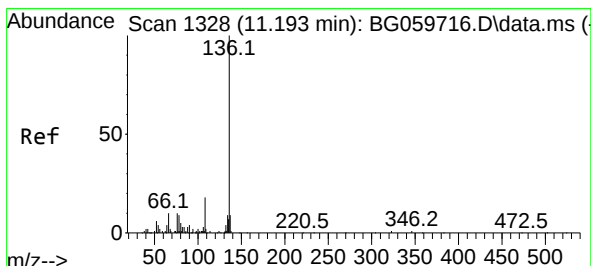
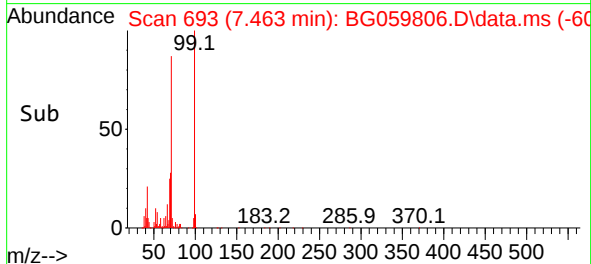
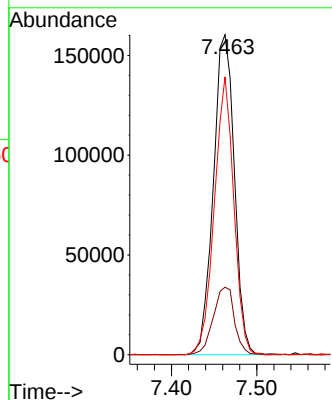
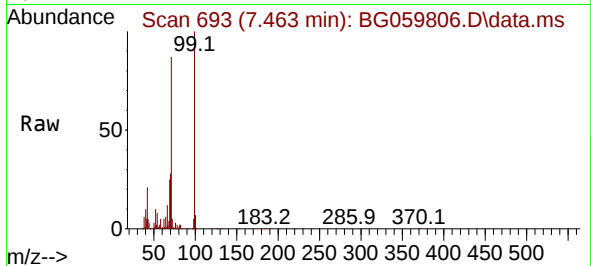




#7
Phenol-d6
Concen: 124.333 ng
RT: 7.463 min Scan# 692
Delta R.T. 0.007 min
Lab File: BG059806.D
Acq: 22 Nov 2023 00:27

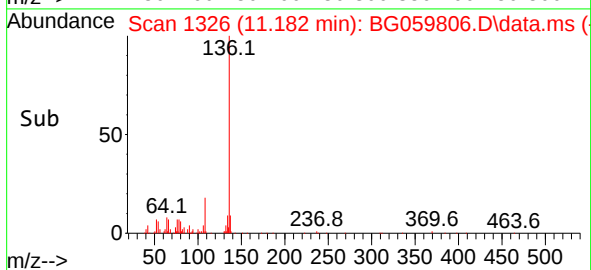
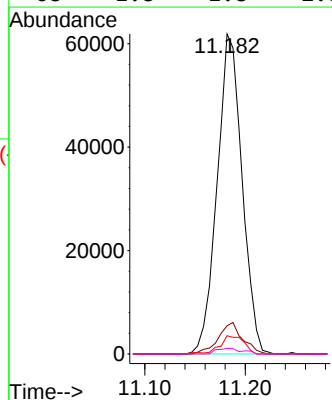
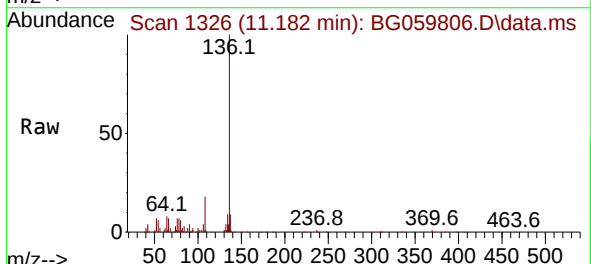
Instrument :
BNA_G
ClientSampleId :
WC-4

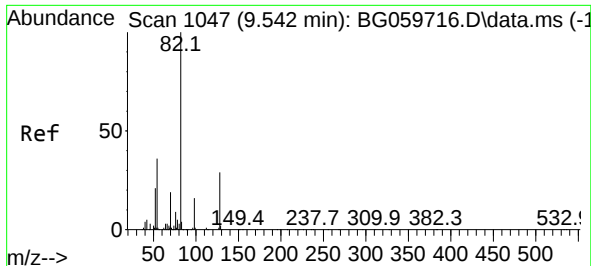
Tgt Ion: 99 Resp: 274829
Ion Ratio Lower Upper
99 100
42 21.1 14.3 21.5
71 86.8 59.3 88.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.182 min Scan# 1326
Delta R.T. -0.011 min
Lab File: BG059806.D
Acq: 22 Nov 2023 00:27

Tgt Ion: 136 Resp: 106608
Ion Ratio Lower Upper
136 100
137 8.8 7.4 11.0
54 5.7 3.1 4.7#
68 1.8 1.8 2.8#

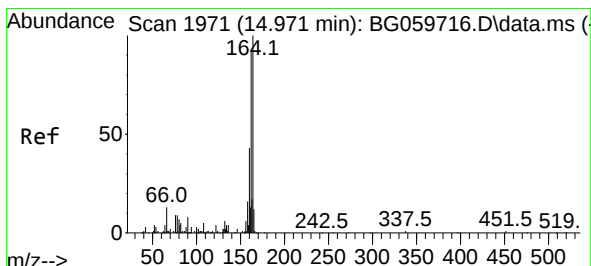
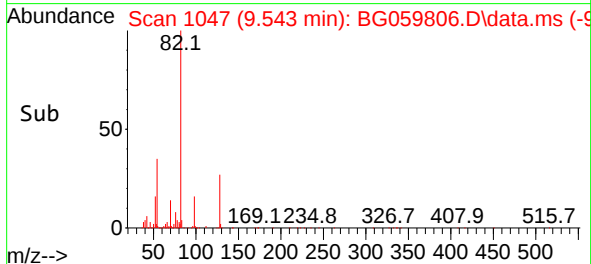
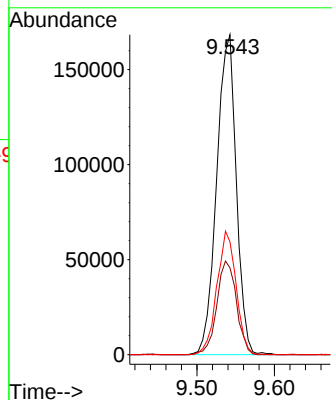
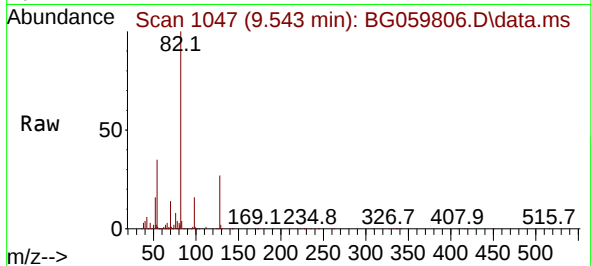




#23
Nitrobenzene-d5
Concen: 106.260 ng
RT: 9.543 min Scan# 1047
Delta R.T. 0.001 min
Lab File: BG059806.D
Acq: 22 Nov 2023 00:27

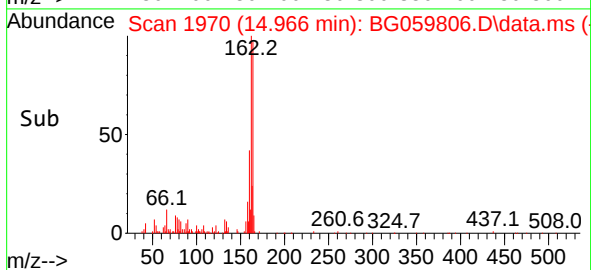
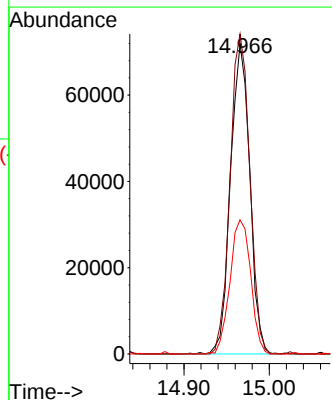
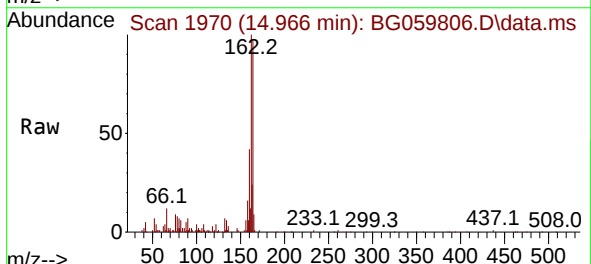
Instrument :
BNA_G
ClientSampleId :
WC-4

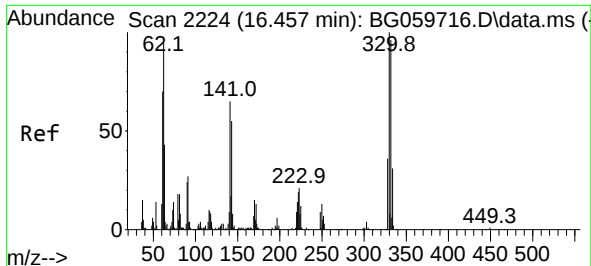
Tgt Ion: 82 Resp: 296612
Ion Ratio Lower Upper
82 100
128 27.1 23.0 34.6
54 35.2 28.7 43.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.966 min Scan# 1970
Delta R.T. -0.005 min
Lab File: BG059806.D
Acq: 22 Nov 2023 00:27

Tgt Ion:164 Resp: 112989
Ion Ratio Lower Upper
164 100
162 103.1 73.3 109.9
160 43.2 34.1 51.1

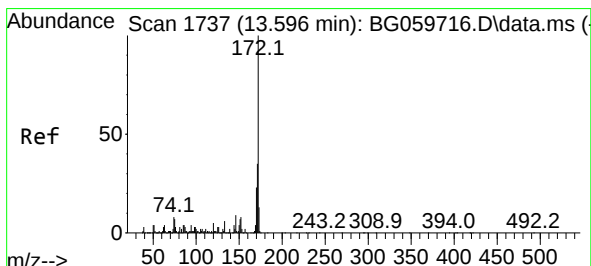
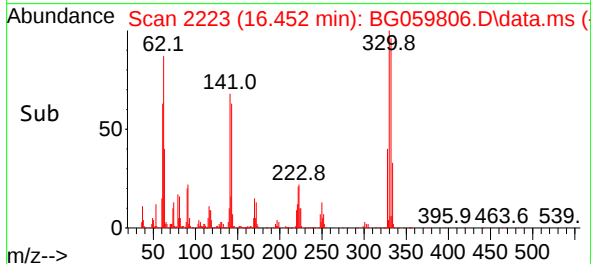
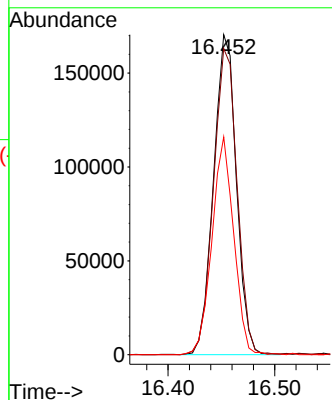
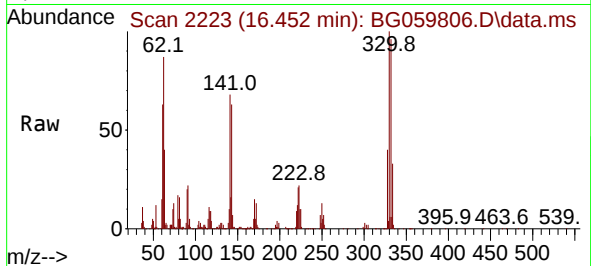




#42
2,4,6-Tribromophenol
Concen: 197.798 ng
RT: 16.452 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG059806.D
Acq: 22 Nov 2023 00:27

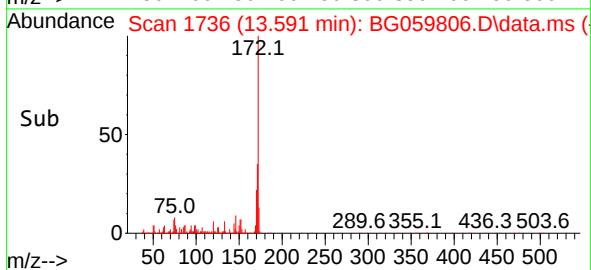
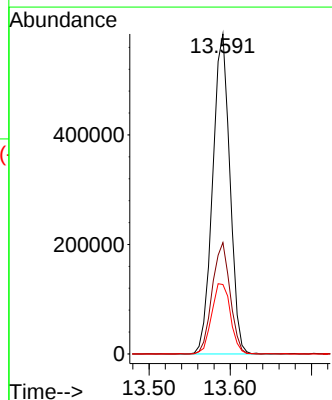
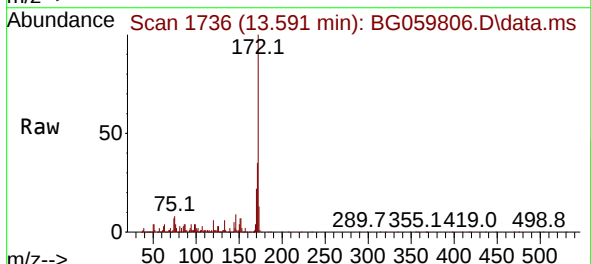
Instrument :
BNA_G
ClientSampleId :
WC-4

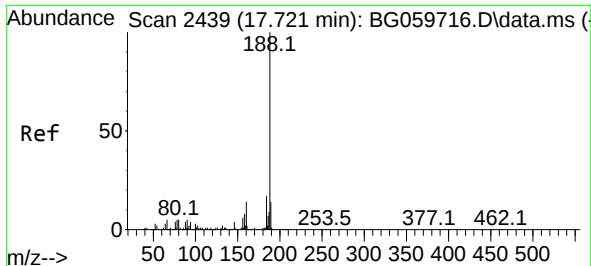
Tgt Ion:330 Resp: 253577
Ion Ratio Lower Upper
330 100
332 98.7 73.3 109.9
141 64.8 52.1 78.1



#45
2-Fluorobiphenyl
Concen: 102.484 ng
RT: 13.591 min Scan# 1736
Delta R.T. -0.005 min
Lab File: BG059806.D
Acq: 22 Nov 2023 00:27

Tgt Ion:172 Resp: 860266
Ion Ratio Lower Upper
172 100
171 34.8 27.7 41.5
170 21.7 18.4 27.6

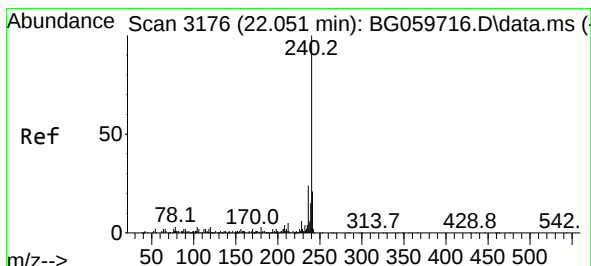
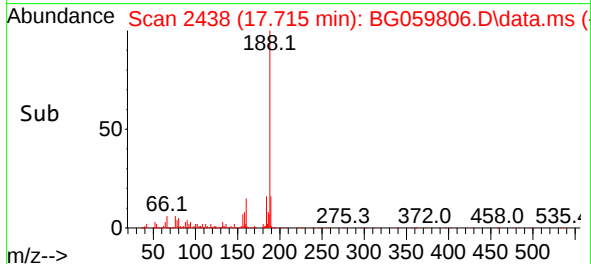
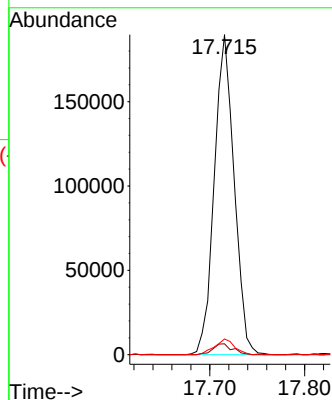
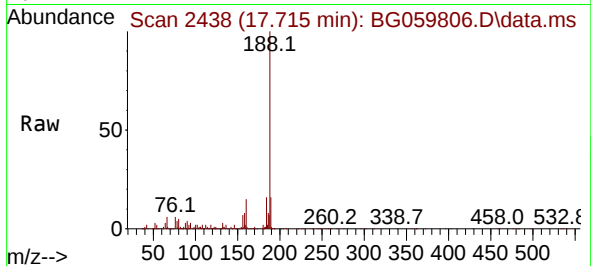




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.715 min Scan# 2438
Delta R.T. -0.005 min
Lab File: BG059806.D
Acq: 22 Nov 2023 00:27

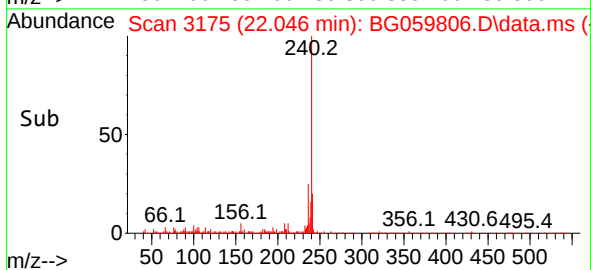
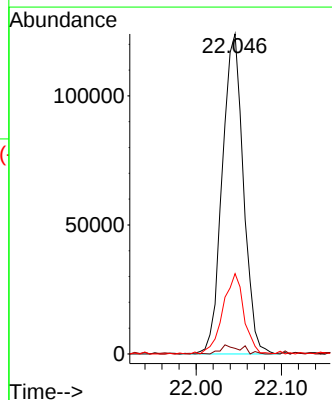
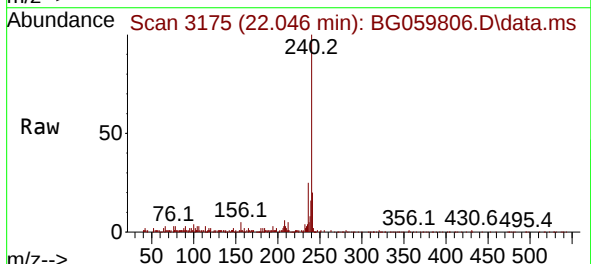
Instrument :
BNA_G
ClientSampleId :
WC-4

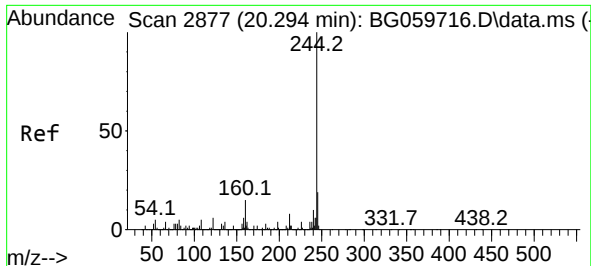
Tgt Ion:188 Resp: 275944
Ion Ratio Lower Upper
188 100
94 3.4 3.0 4.4
80 4.9 4.2 6.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.046 min Scan# 3175
Delta R.T. -0.005 min
Lab File: BG059806.D
Acq: 22 Nov 2023 00:27

Tgt Ion:240 Resp: 213731
Ion Ratio Lower Upper
240 100
120 1.7 2.2 3.2#
236 25.1 19.4 29.2





#79

Terphenyl-d14

Concen: 127.126 ng

RT: 20.295 min Scan# 2

Delta R.T. 0.001 min

Lab File: BG059806.D

Acq: 22 Nov 2023 00:27

Instrument :

BNA_G

ClientSampleId :

WC-4

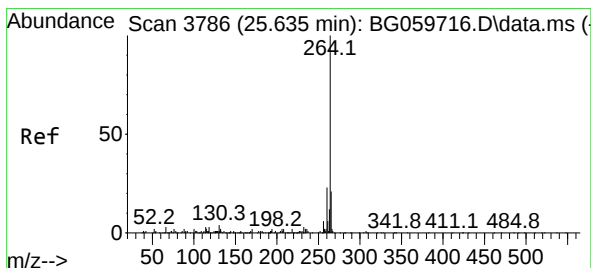
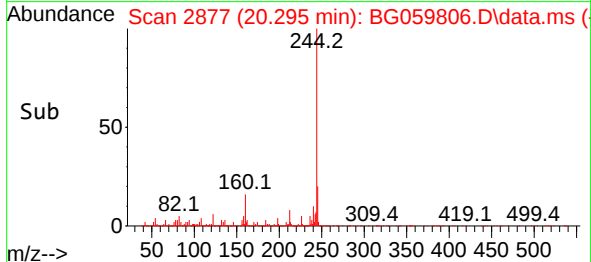
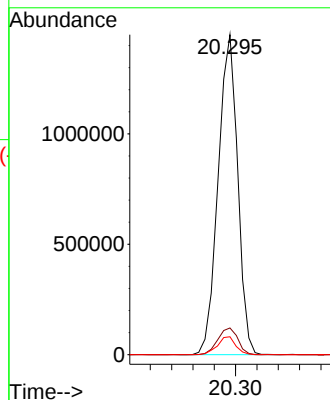
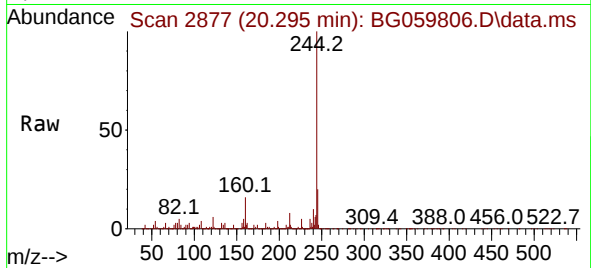
Tgt Ion:244 Resp: 1840527

Ion Ratio Lower Upper

244 100

212 8.4 6.6 10.0

122 5.6 4.4 6.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.624 min Scan# 3784

Delta R.T. -0.011 min

Lab File: BG059806.D

Acq: 22 Nov 2023 00:27

Tgt Ion:264 Resp: 233913

Ion Ratio Lower Upper

264 100

260 23.7 18.5 27.7

265 23.3 17.0 25.6

