

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112723\
 Data File : BG059898.D
 Acq On : 27 Nov 2023 12:08
 Operator : MA/JU
 Sample : PB157087BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB157087BL

Quant Time: Nov 27 13:24:04 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 27 13:17:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.306	152	28227	20.000	ng	0.00
21) Naphthalene-d8	11.156	136	127188	20.000	ng	# 0.00
39) Acenaphthene-d10	14.940	164	77621	20.000	ng	# 0.00
64) Phenanthrene-d10	17.690	188	192149	20.000	ng	# 0.00
76) Chrysene-d12	22.008	240	160486	20.000	ng	#-0.01
86) Perylene-d12	25.563	264	282034	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.804	112	265552	158.345	ng	0.00
7) Phenol-d6	7.431	99	358653	144.314	ng	0.00
23) Nitrobenzene-d5	9.505	82	330566	99.262	ng	0.00
42) 2,4,6-Tribromophenol	16.426	330	160642	182.401	ng	0.00
45) 2-Fluorobiphenyl	13.565	172	710362	123.186	ng	0.00
79) Terphenyl-d14	20.269	244	1282154	117.940	ng	0.00

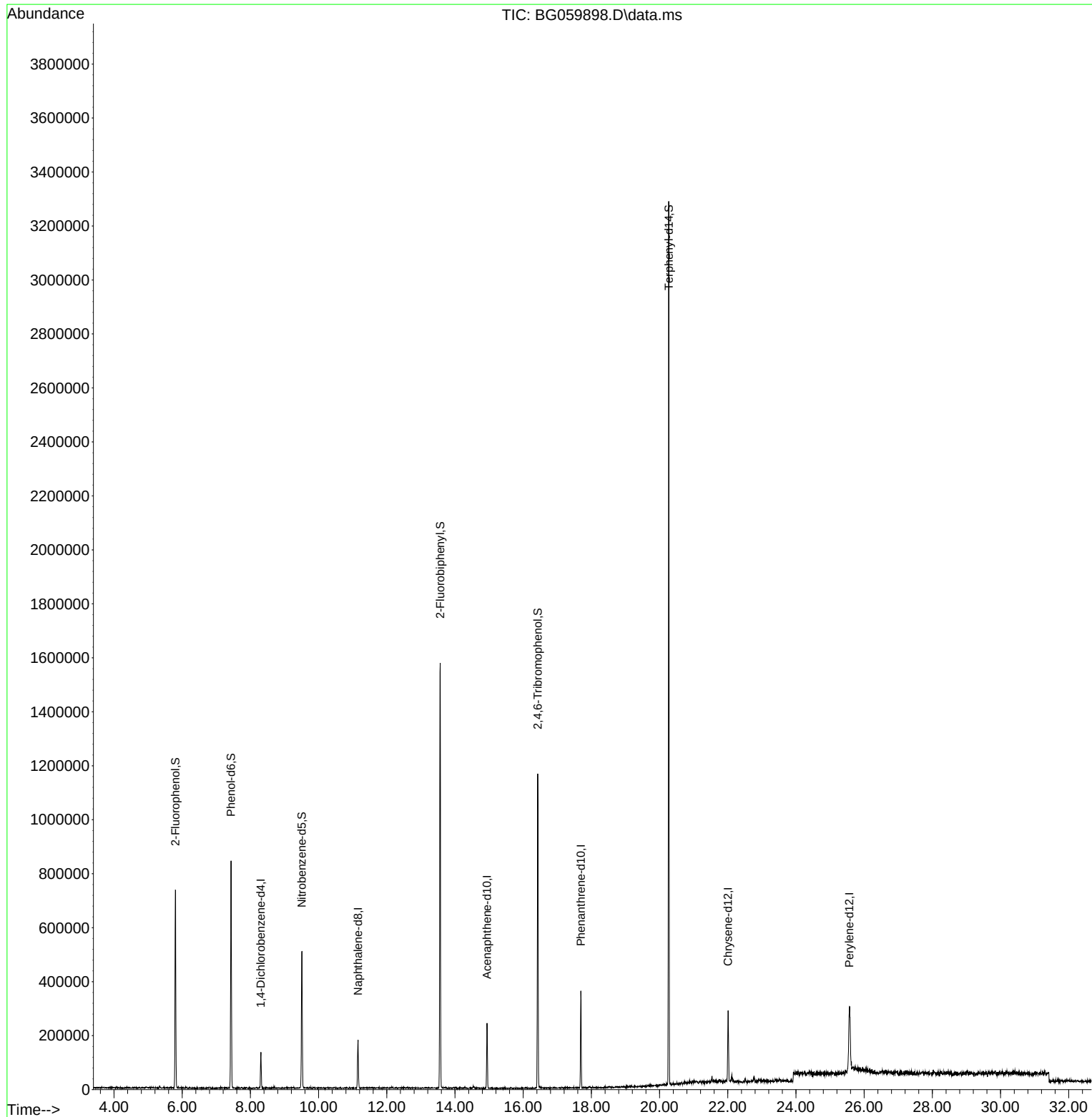
Target Compounds	Qvalue

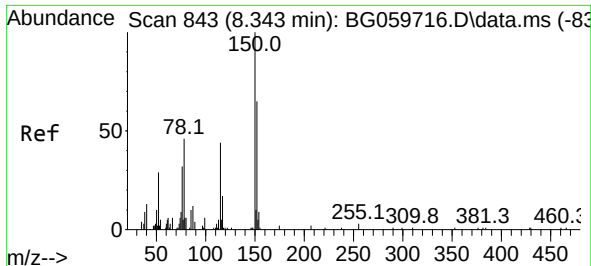
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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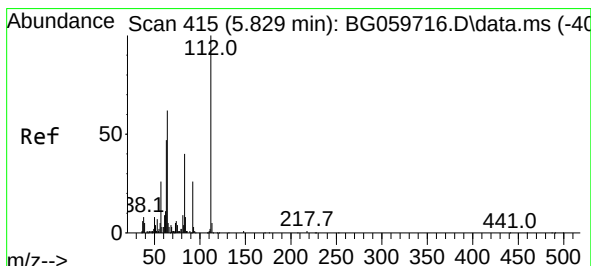
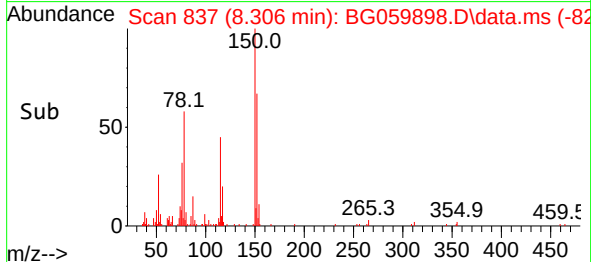
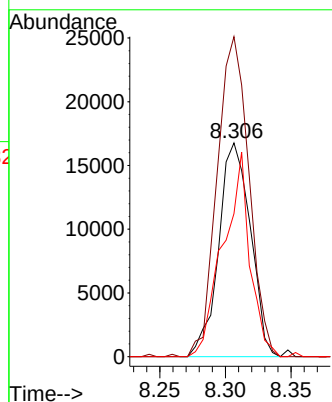
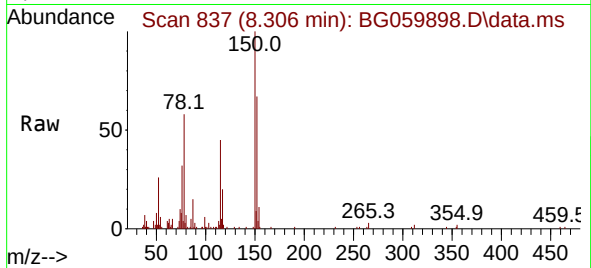




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.306 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG059898.D
Acq: 27 Nov 2023 12:08

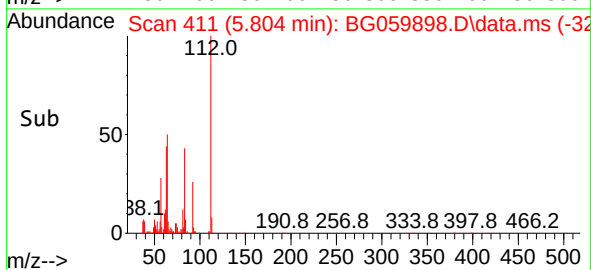
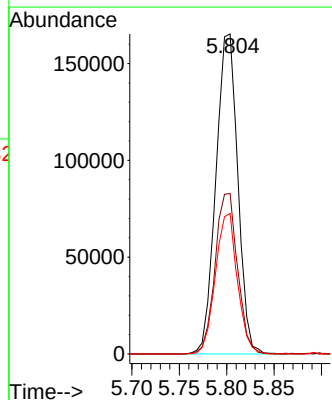
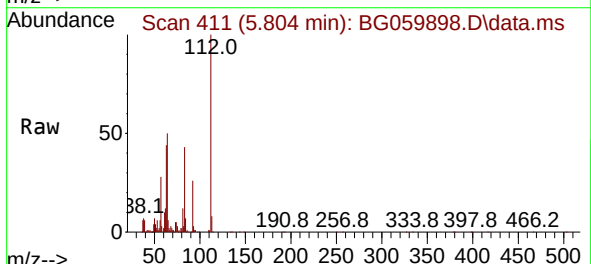
Instrument :
BNA_G
ClientSampleId :
PB157087BL

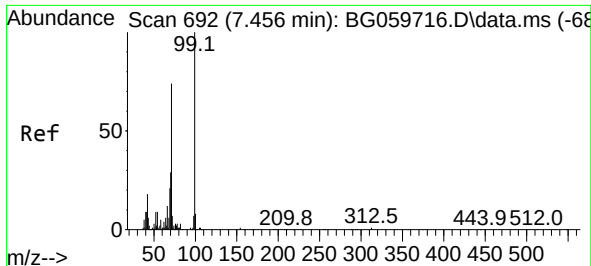
Tgt Ion:152 Resp: 28227
Ion Ratio Lower Upper
152 100
150 149.6 122.2 183.4
115 66.9 54.2 81.4



#5
2-Fluorophenol
Concen: 158.345 ng
RT: 5.804 min Scan# 411
Delta R.T. 0.007 min
Lab File: BG059898.D
Acq: 27 Nov 2023 12:08

Tgt Ion:112 Resp: 265552
Ion Ratio Lower Upper
112 100
64 50.1 49.5 74.3
63 43.9 37.4 56.2

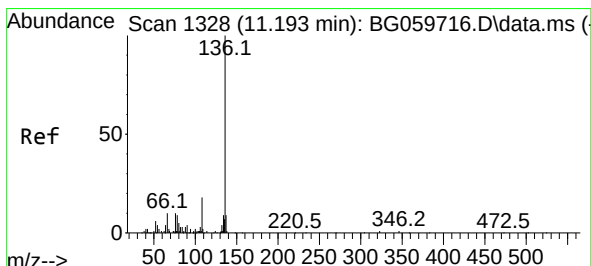
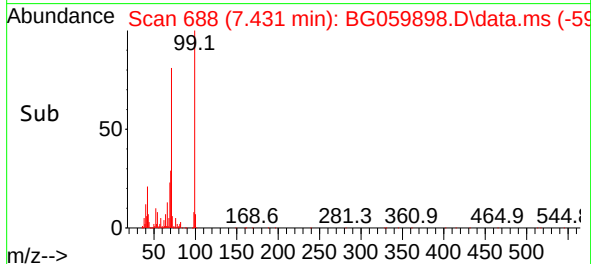
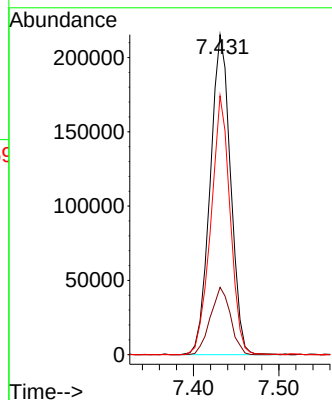
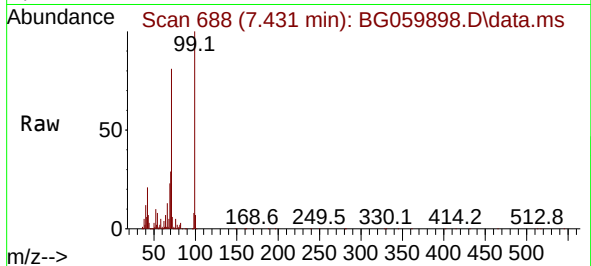




#7
Phenol-d6
Concen: 144.314 ng
RT: 7.431 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG059898.D
Acq: 27 Nov 2023 12:08

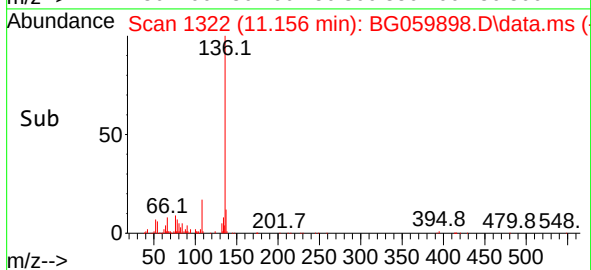
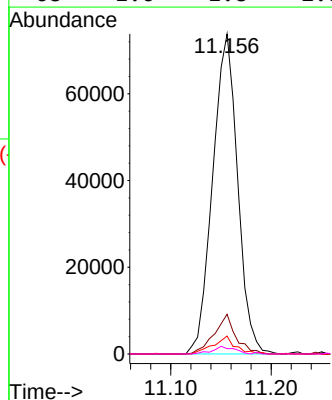
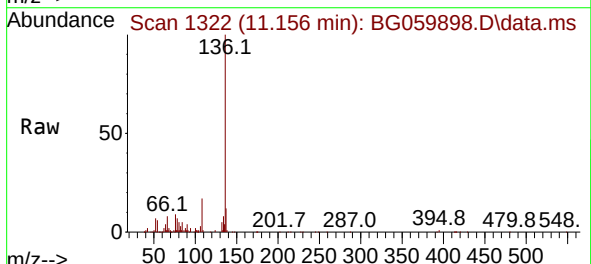
Instrument :
BNA_G
ClientSampleId :
PB157087BL

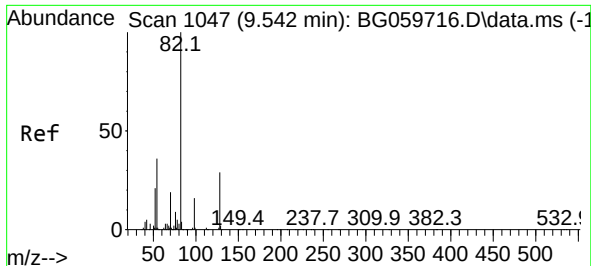
Tgt Ion: 99 Resp: 358653
Ion Ratio Lower Upper
99 100
42 21.0 14.3 21.5
71 80.9 59.3 88.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.156 min Scan# 1322
Delta R.T. 0.001 min
Lab File: BG059898.D
Acq: 27 Nov 2023 12:08

Tgt Ion:136 Resp: 127188
Ion Ratio Lower Upper
136 100
137 12.4 7.4 11.0#
54 5.6 3.1 4.7#
68 1.6 1.8 2.8#

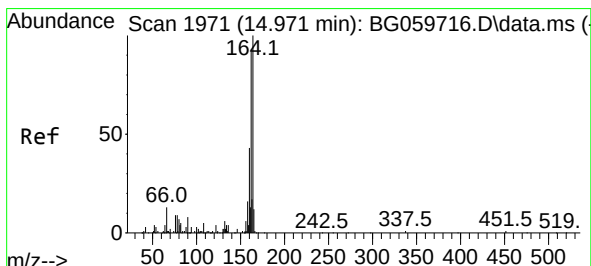
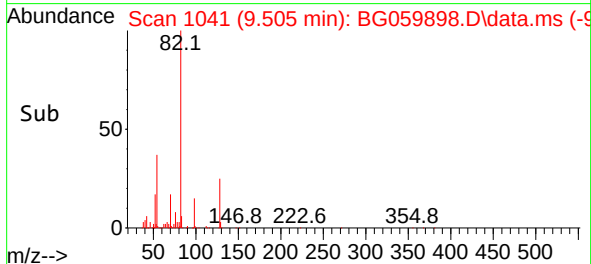
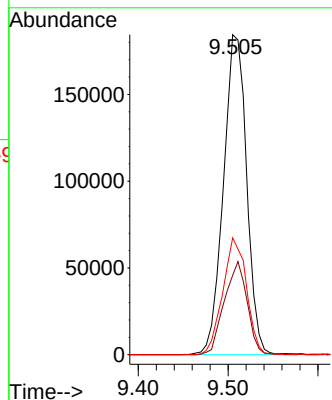
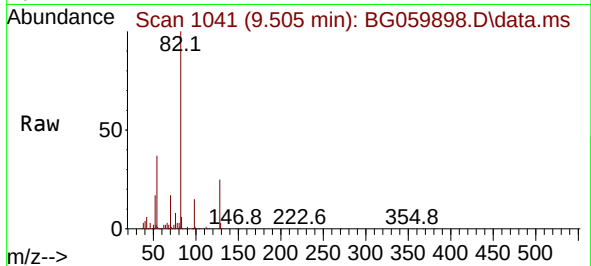




#23
Nitrobenzene-d5
Concen: 99.262 ng
RT: 9.505 min Scan# 1041
Delta R.T. -0.005 min
Lab File: BG059898.D
Acq: 27 Nov 2023 12:08

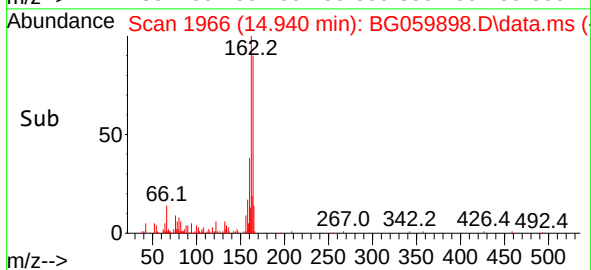
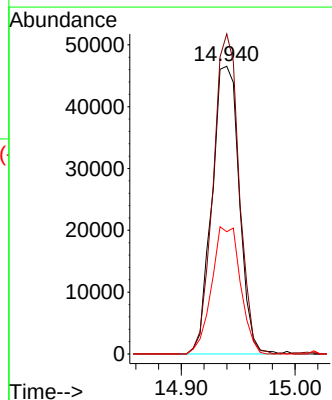
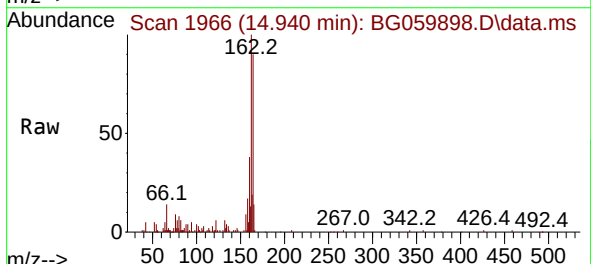
Instrument :
BNA_G
ClientSampleId :
PB157087BL

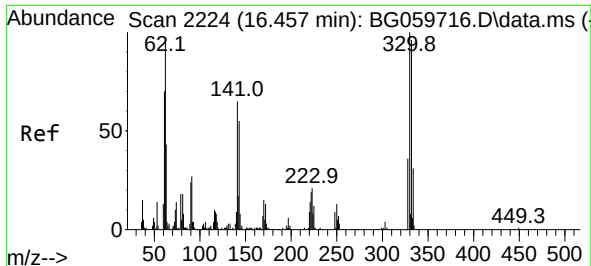
Tgt Ion: 82 Resp: 330566
Ion Ratio Lower Upper
82 100
128 24.8 23.0 34.6
54 36.5 28.7 43.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.940 min Scan# 1966
Delta R.T. -0.005 min
Lab File: BG059898.D
Acq: 27 Nov 2023 12:08

Tgt Ion:164 Resp: 77621
Ion Ratio Lower Upper
164 100
162 111.2 73.3 109.9#
160 42.5 34.1 51.1

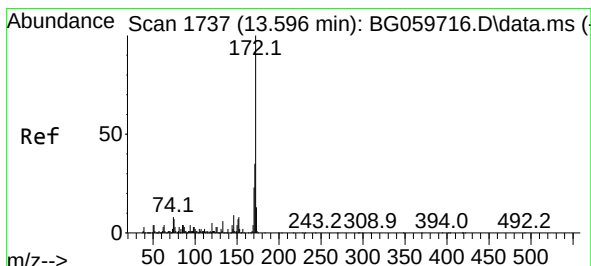
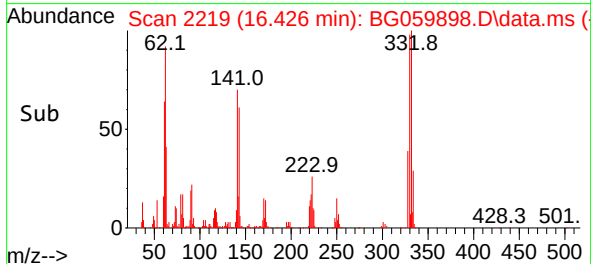
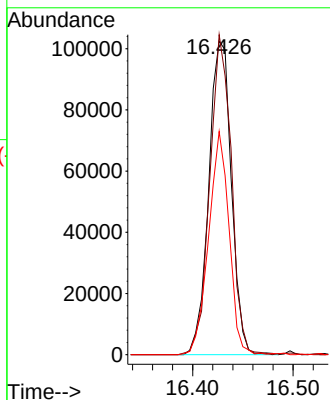
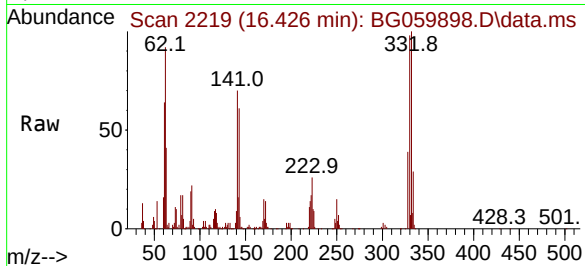




#42
2,4,6-Tribromophenol
Concen: 182.401 ng
RT: 16.426 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG059898.D
Acq: 27 Nov 2023 12:08

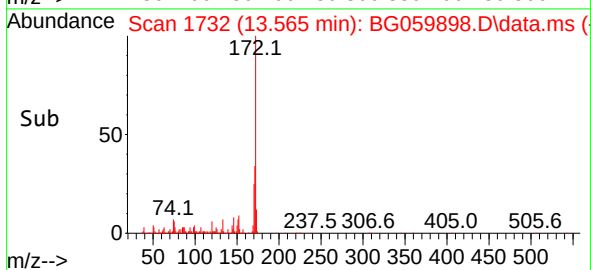
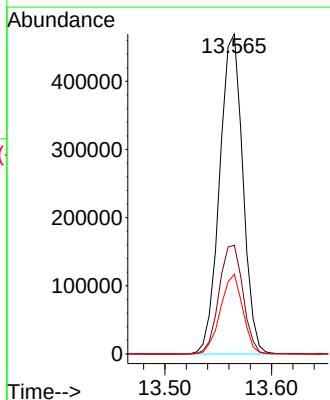
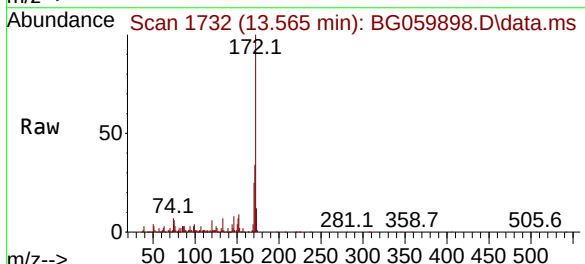
Instrument :
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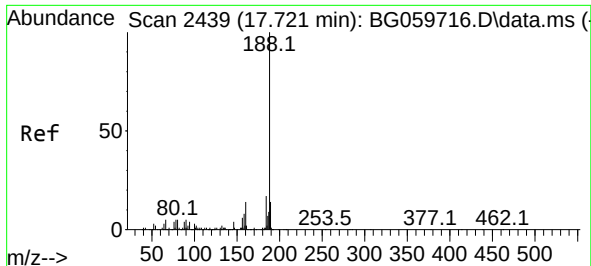
Tgt Ion:330 Resp: 160642
Ion Ratio Lower Upper
330 100
332 96.9 73.3 109.9
141 64.2 52.1 78.1



#45
2-Fluorobiphenyl
Concen: 123.186 ng
RT: 13.565 min Scan# 1732
Delta R.T. 0.001 min
Lab File: BG059898.D
Acq: 27 Nov 2023 12:08

Tgt Ion:172 Resp: 710362
Ion Ratio Lower Upper
172 100
171 33.9 27.7 41.5
170 25.0 18.4 27.6

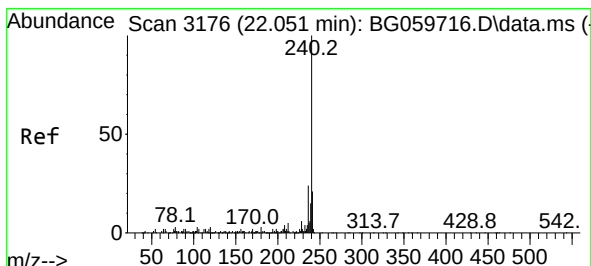
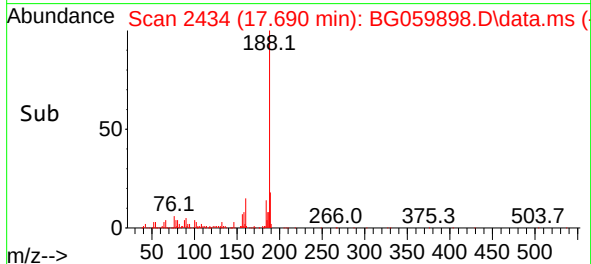
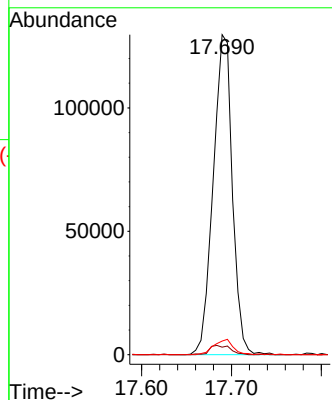
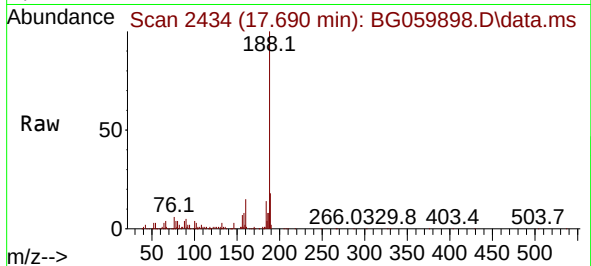




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.690 min Scan# 2439
Delta R.T. -0.005 min
Lab File: BG059898.D
Acq: 27 Nov 2023 12:08

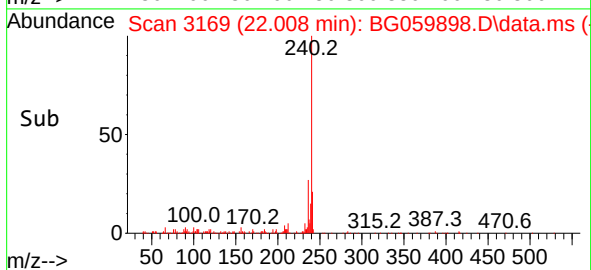
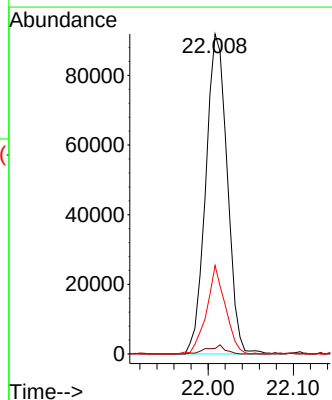
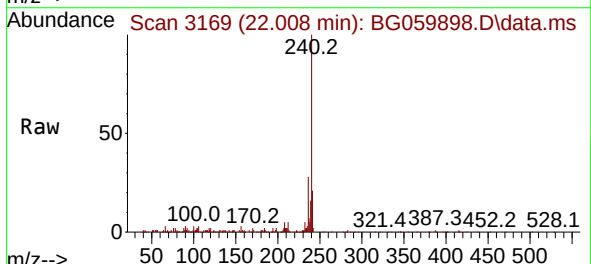
Instrument :
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ClientSampleId :
PB157087BL

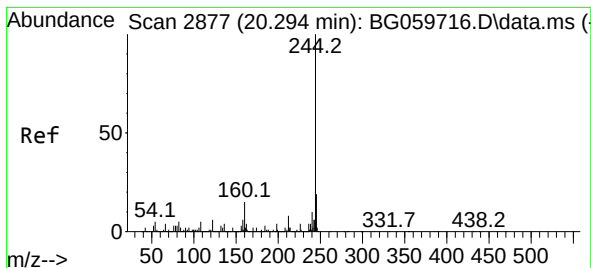
Tgt Ion:188 Resp: 192149
Ion Ratio Lower Upper
188 100
94 2.4 3.0 4.4#
80 4.2 4.2 6.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.008 min Scan# 3169
Delta R.T. -0.010 min
Lab File: BG059898.D
Acq: 27 Nov 2023 12:08

Tgt Ion:240 Resp: 160486
Ion Ratio Lower Upper
240 100
120 1.7 2.2 3.2#
236 27.7 19.4 29.2





#79

Terphenyl-d14

Concen: 117.940 ng

RT: 20.269 min Scan# 21

Delta R.T. 0.001 min

Lab File: BG059898.D

Acq: 27 Nov 2023 12:08

Instrument :

BNA_G

ClientSampleId :

PB157087BL

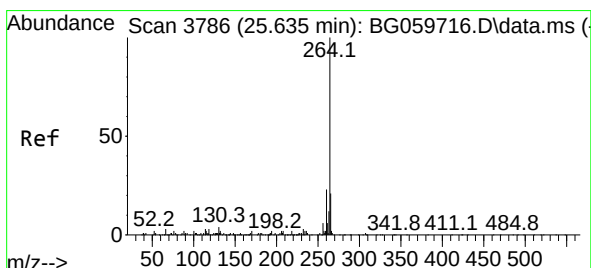
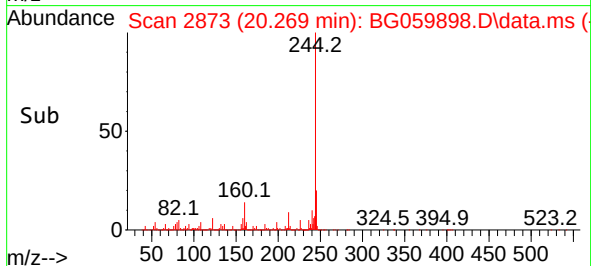
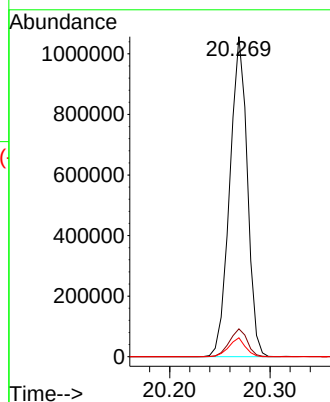
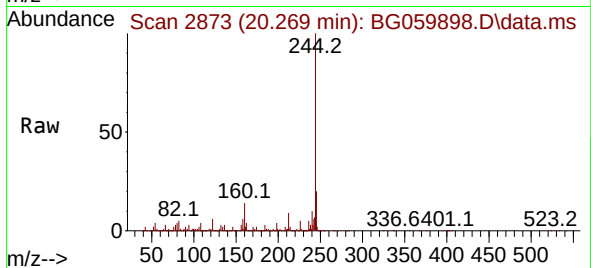
Tgt Ion:244 Resp: 1282154

Ion Ratio Lower Upper

244 100

212 8.7 6.6 10.0

122 5.9 4.4 6.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.563 min Scan# 3774

Delta R.T. -0.016 min

Lab File: BG059898.D

Acq: 27 Nov 2023 12:08

Tgt Ion:264 Resp: 282034

Ion Ratio Lower Upper

264 100

260 19.4 18.5 27.7

265 20.2 17.0 25.6

