

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112223\
 Data File : BG059831.D
 Acq On : 22 Nov 2023 23:47
 Operator : MA/JU
 Sample : 05449-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-SED-02

Quant Time: Nov 23 01:31:52 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	8.330	152	24093	20.000	ng	#-0.01
21) Naphthalene-d8	11.180	136	106232	20.000	ng	-0.01
39) Acenaphthene-d10	14.964	164	82229	20.000	ng	0.00
64) Phenanthrene-d10	17.714	188	203446	20.000	ng	# 0.00
76) Chrysene-d12	22.038	240	186248	20.000	ng	#-0.01
86) Perylene-d12	25.622	264	214488	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.810	112	1028	0.718	ng	-0.02
7) Phenol-d6	7.443	99	9432	4.446	ng	-0.01
23) Nitrobenzene-d5	9.529	82	79863	28.712	ng	-0.01
42) 2,4,6-Tribromophenol	16.444	330	1289	1.382	ng	-0.01
45) 2-Fluorobiphenyl	13.583	172	652271	106.773	ng	-0.01
79) Terphenyl-d14	20.287	244	935518	74.151	ng	0.00

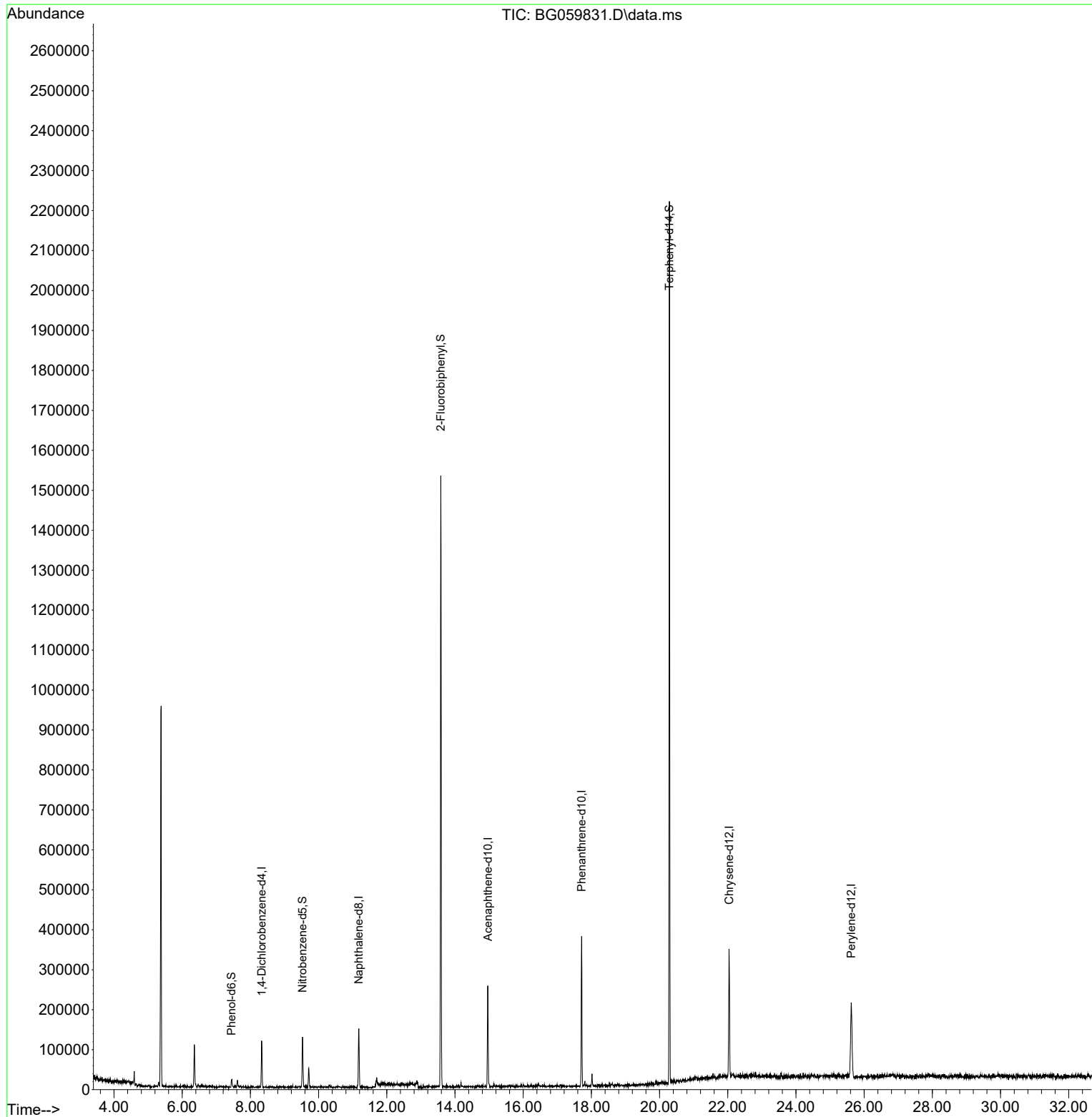
Target Compounds	Qvalue

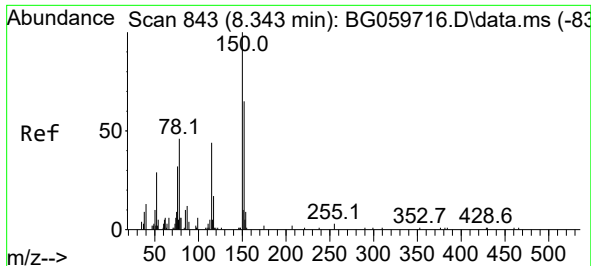
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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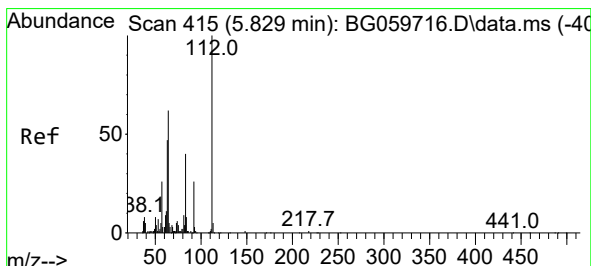
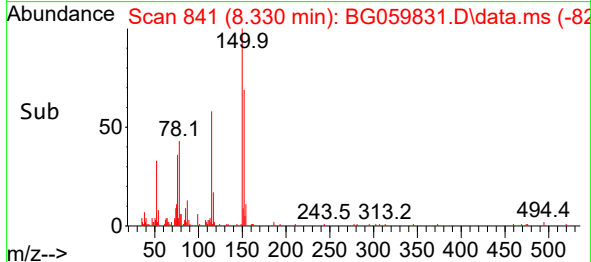
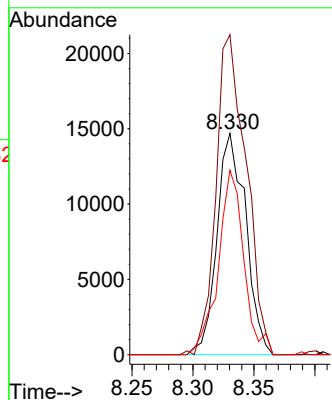
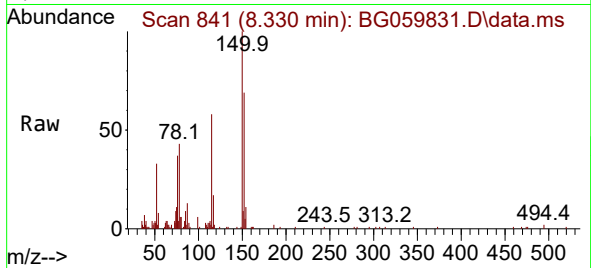




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.330 min Scan# 84
Delta R.T. -0.013 min
Lab File: BG059831.D
Acq: 22 Nov 2023 23:47

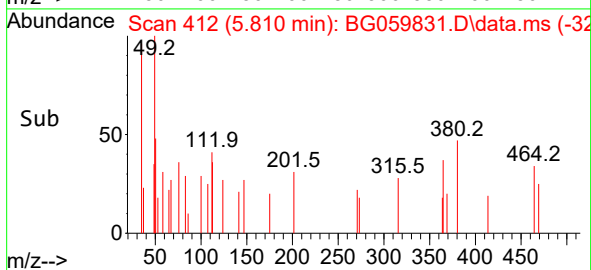
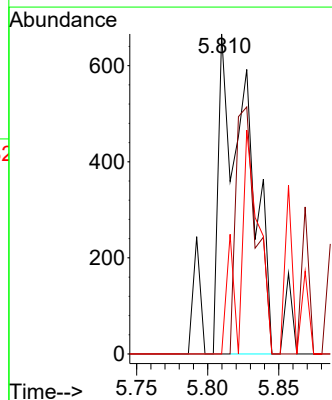
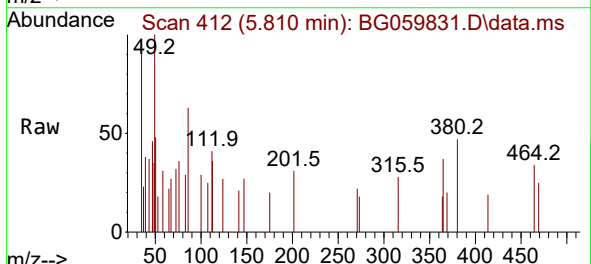
Instrument :
BNA_G
ClientSampleId :
WC-SED-02

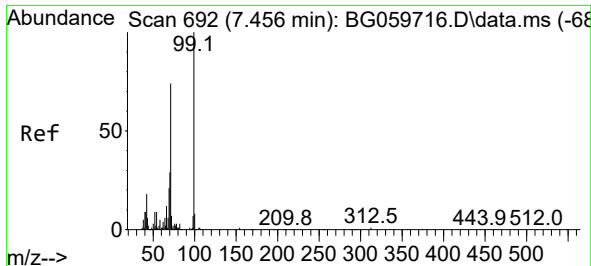
Tgt Ion:152 Resp: 24093
Ion Ratio Lower Upper
152 100
150 144.6 122.2 183.4
115 83.4 54.2 81.4#



#5
2-Fluorophenol
Concen: 0.718 ng
RT: 5.810 min Scan# 412
Delta R.T. -0.019 min
Lab File: BG059831.D
Acq: 22 Nov 2023 23:47

Tgt Ion:112 Resp: 1028
Ion Ratio Lower Upper
112 100
64 0.0 49.5 74.3#
63 0.0 37.4 56.2#

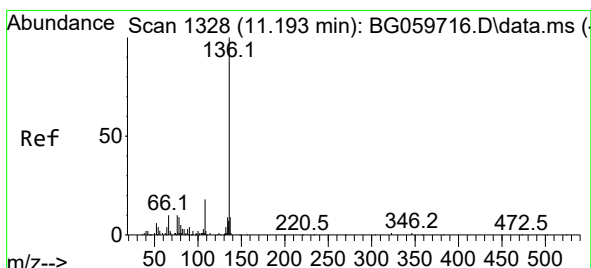
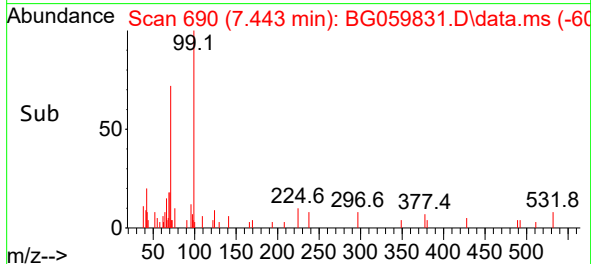
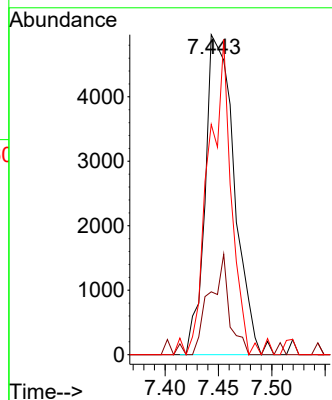
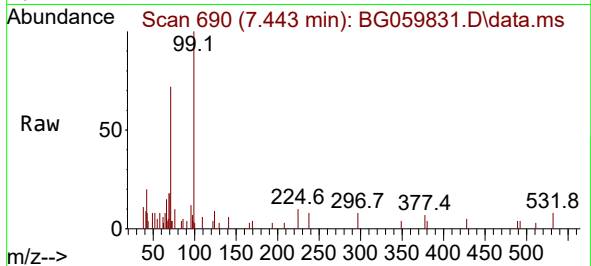




#7
Phenol-d6
Concen: 4.446 ng
RT: 7.443 min Scan# 692
Delta R.T. -0.013 min
Lab File: BG059831.D
Acq: 22 Nov 2023 23:47

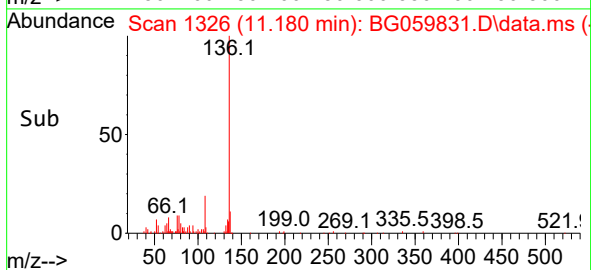
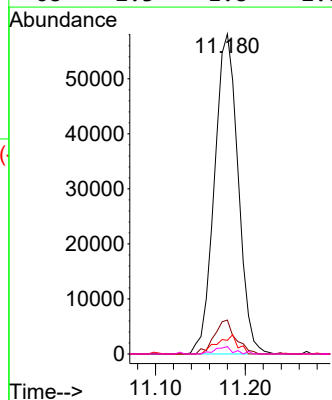
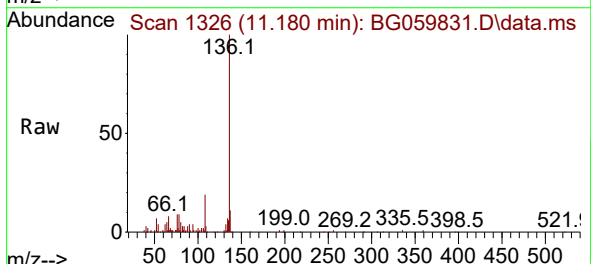
Instrument :
BNA_G
ClientSampleId :
WC-SED-02

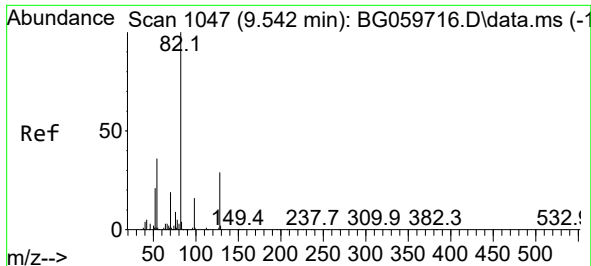
Tgt Ion: 99 Resp: 9432
Ion Ratio Lower Upper
99 100
42 19.7 14.3 21.5
71 71.9 59.3 88.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.180 min Scan# 1326
Delta R.T. -0.013 min
Lab File: BG059831.D
Acq: 22 Nov 2023 23:47

Tgt Ion: 136 Resp: 106232
Ion Ratio Lower Upper
136 100
137 10.6 7.4 11.0
54 4.2 3.1 4.7
68 2.3 1.8 2.8





#23

Nitrobenzene-d5

Concen: 28.712 ng

RT: 9.529 min Scan# 1045

Delta R.T. -0.013 min

Lab File: BG059831.D

Acq: 22 Nov 2023 23:47

Instrument :

BNA_G

ClientSampleId :

WC-SED-02

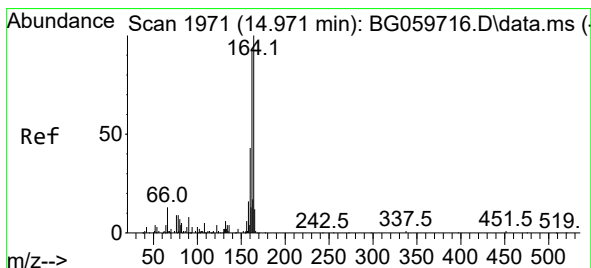
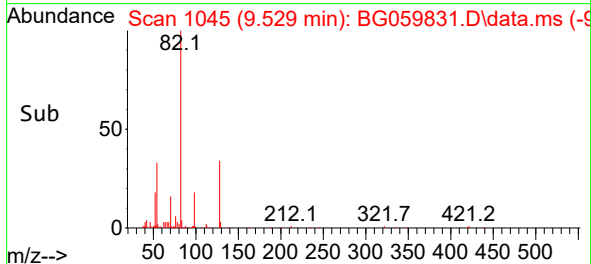
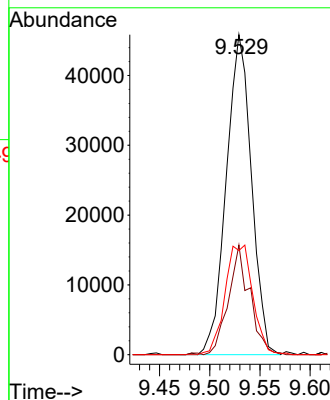
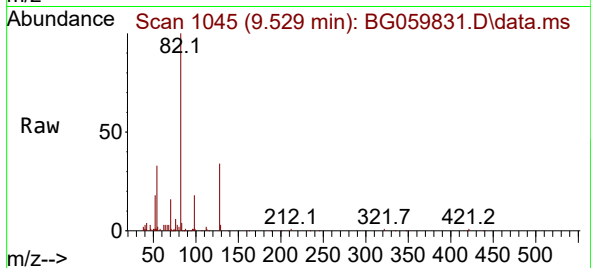
Tgt Ion: 82 Resp: 79863

Ion Ratio Lower Upper

82 100

128 34.3 23.0 34.6

54 32.5 28.7 43.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.964 min Scan# 1970

Delta R.T. -0.007 min

Lab File: BG059831.D

Acq: 22 Nov 2023 23:47

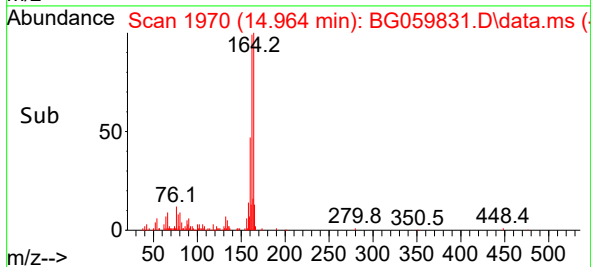
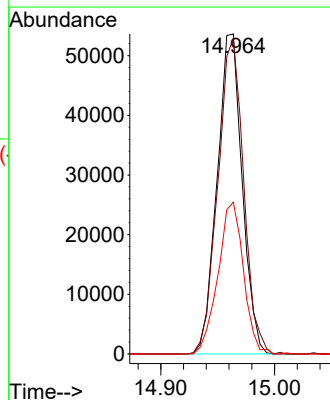
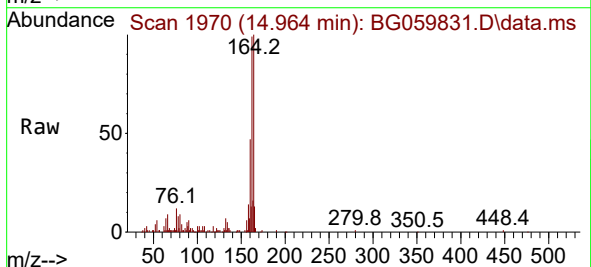
Tgt Ion:164 Resp: 82229

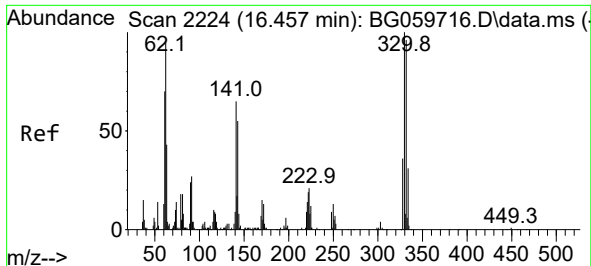
Ion Ratio Lower Upper

164 100

162 98.7 73.3 109.9

160 47.4 34.1 51.1

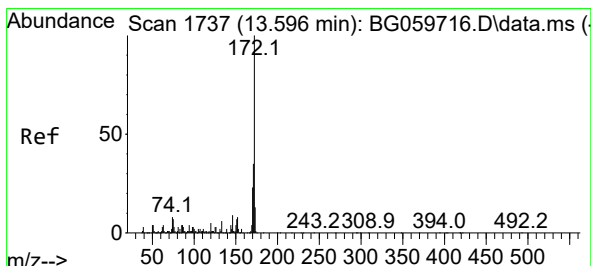
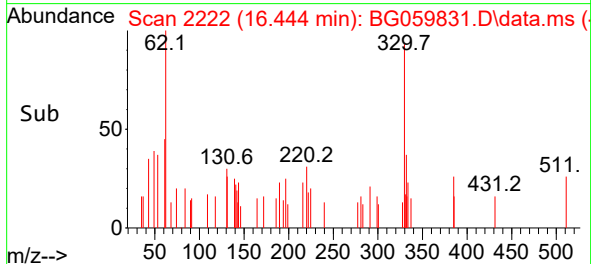
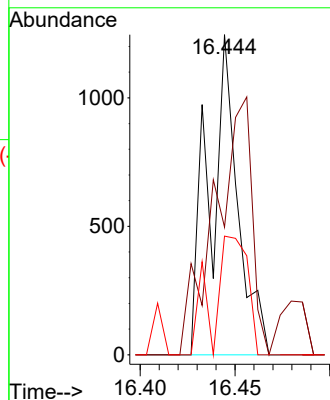
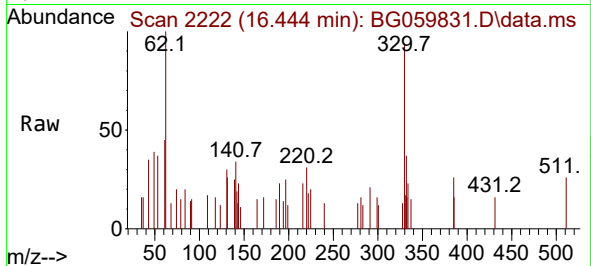




#42
2,4,6-Tribromophenol
Concen: 1.382 ng
RT: 16.444 min Scan# 21
Delta R.T. -0.013 min
Lab File: BG059831.D
Acq: 22 Nov 2023 23:47

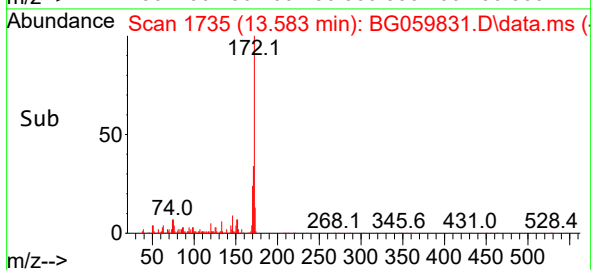
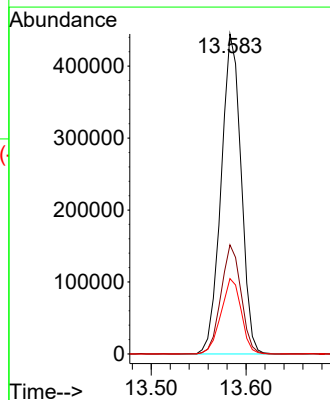
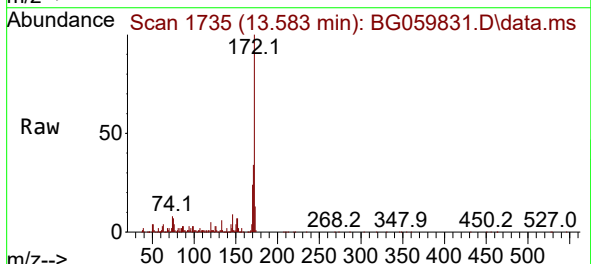
Instrument :
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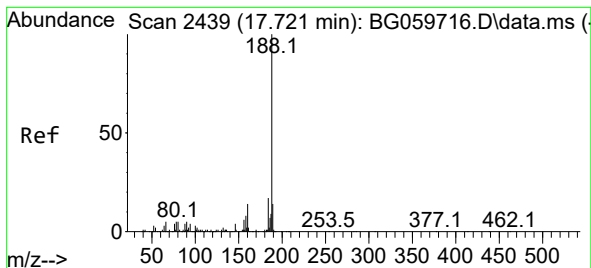
Tgt Ion:330 Resp: 1289
Ion Ratio Lower Upper
330 100
332 104.7 73.3 109.9
141 45.5 52.1 78.1#



#45
2-Fluorobiphenyl
Concen: 106.773 ng
RT: 13.583 min Scan# 1735
Delta R.T. -0.013 min
Lab File: BG059831.D
Acq: 22 Nov 2023 23:47

Tgt Ion:172 Resp: 652271
Ion Ratio Lower Upper
172 100
171 34.1 27.7 41.5
170 23.6 18.4 27.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.714 min Scan# 2438

Delta R.T. -0.007 min

Lab File: BG059831.D

Acq: 22 Nov 2023 23:47

Instrument :

BNA_G

ClientSampleId :

WC-SED-02

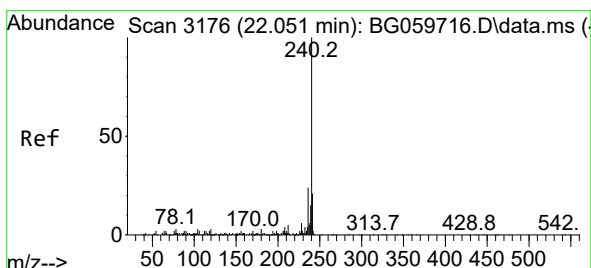
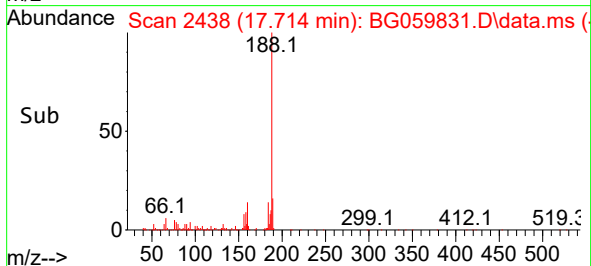
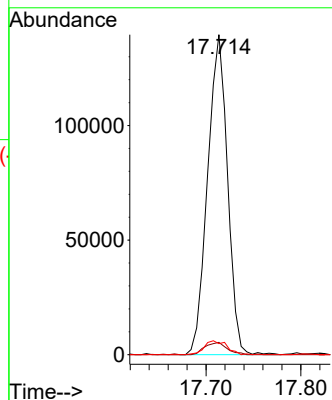
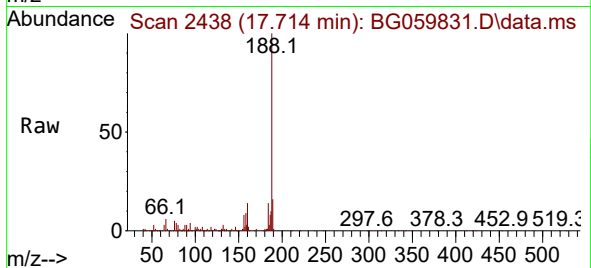
Tgt Ion:188 Resp: 203446

Ion Ratio Lower Upper

188 100

94 3.8 3.0 4.4

80 3.5 4.2 6.4#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.038 min Scan# 3174

Delta R.T. -0.013 min

Lab File: BG059831.D

Acq: 22 Nov 2023 23:47

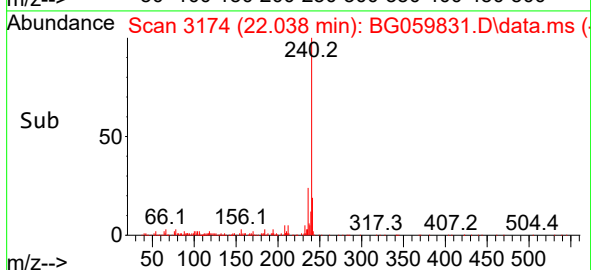
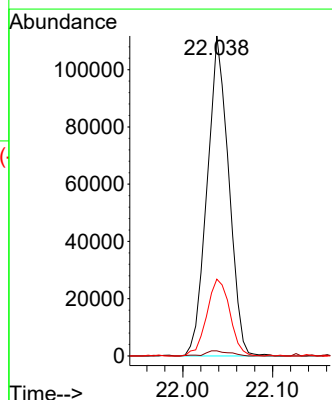
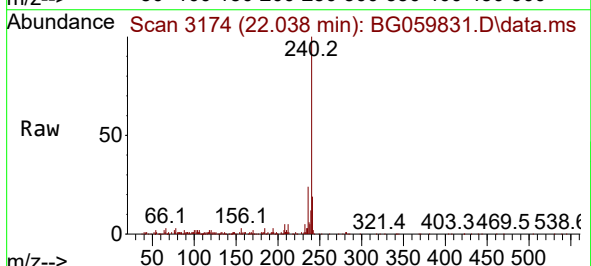
Tgt Ion:240 Resp: 186248

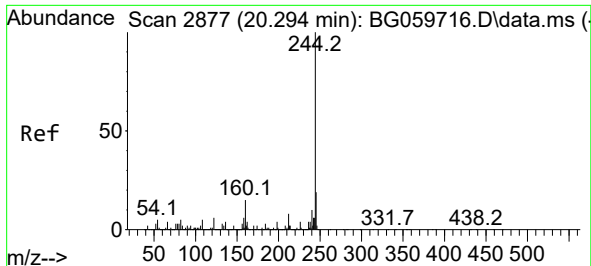
Ion Ratio Lower Upper

240 100

120 1.6 2.2 3.2#

236 24.0 19.4 29.2

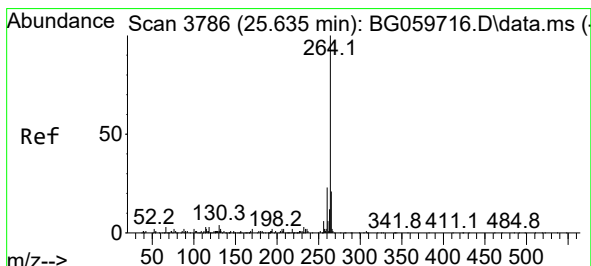
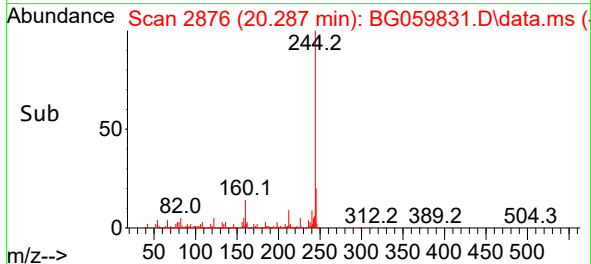
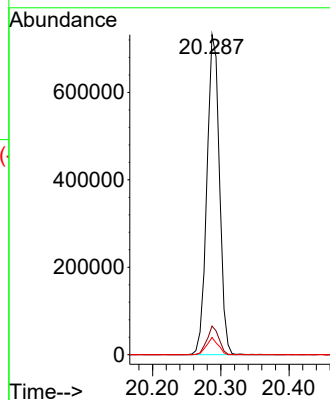
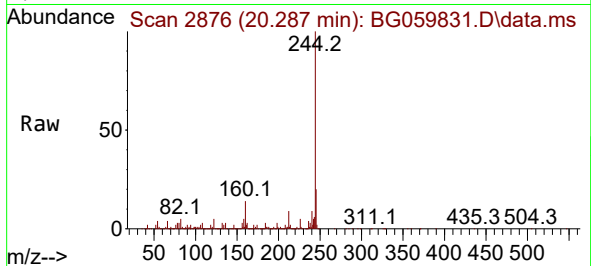




#79
 Terphenyl-d14
 Concen: 74.151 ng
 RT: 20.287 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BG059831.D
 Acq: 22 Nov 2023 23:47

Instrument :
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 WC-SED-02

Tgt Ion:244 Resp: 935518
 Ion Ratio Lower Upper
 244 100
 212 9.0 6.6 10.0
 122 5.4 4.4 6.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.622 min Scan# 3784
 Delta R.T. -0.013 min
 Lab File: BG059831.D
 Acq: 22 Nov 2023 23:47

Tgt Ion:264 Resp: 214488
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.5 27.7
 265 23.7 17.0 25.6

