

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112223\
 Data File : BG059827.D
 Acq On : 22 Nov 2023 21:04
 Operator : MA/JU
 Sample : 05449-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-SED-02

Quant Time: Nov 23 01:30:12 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	8.327	152	18957	20.000	ng	-0.02
21) Naphthalene-d8	11.182	136	91236	20.000	ng	#-0.01
39) Acenaphthene-d10	14.960	164	90456	20.000	ng	#-0.01
64) Phenanthrene-d10	17.710	188	225336	20.000	ng	#-0.01
76) Chrysene-d12	22.040	240	191862	20.000	ng	#-0.01
86) Perylene-d12	25.624	264	248411	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.824	112	97000	86.124	ng	0.00
7) Phenol-d6	7.451	99	134780	80.753	ng	0.00
23) Nitrobenzene-d5	9.525	82	122262	51.180	ng	-0.02
42) 2,4,6-Tribromophenol	16.447	330	102590	99.958	ng	-0.01
45) 2-Fluorobiphenyl	13.585	172	329557	49.040	ng	-0.01
79) Terphenyl-d14	20.289	244	608579	46.826	ng	0.00

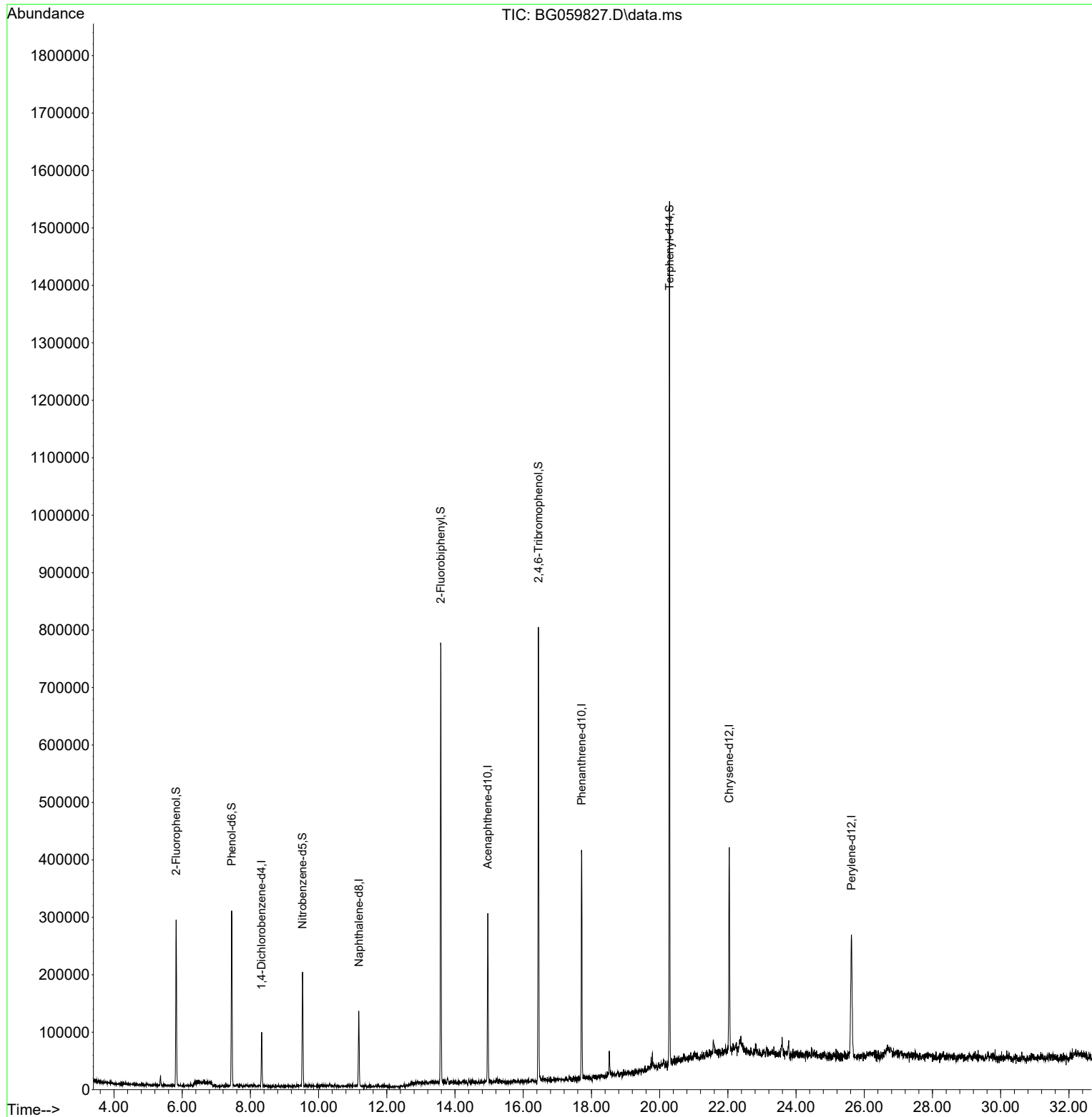
Target Compounds	Qvalue

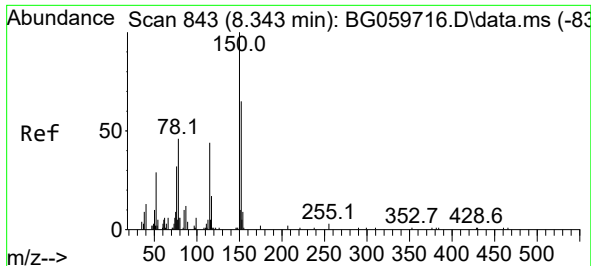
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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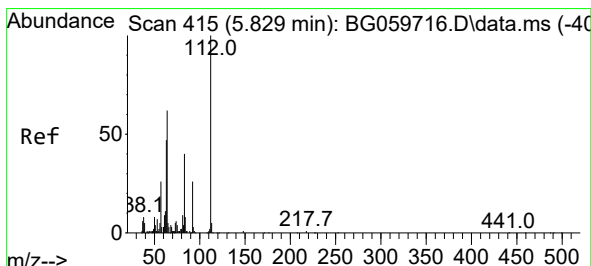
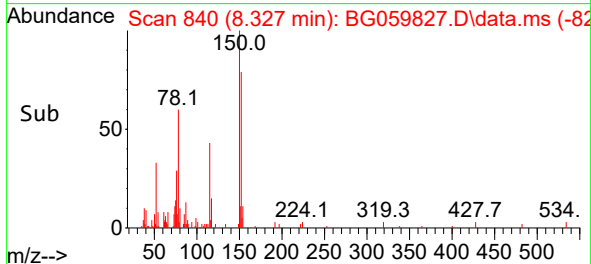
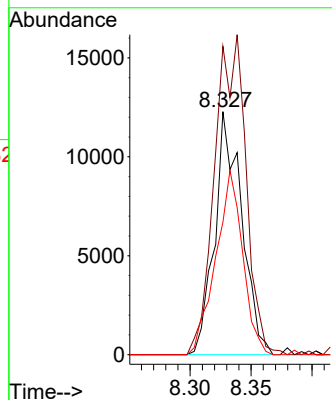
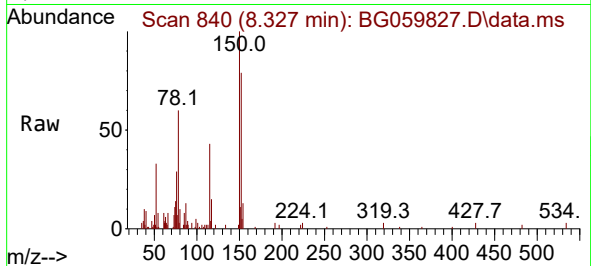




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.327 min Scan# 84
Delta R.T. -0.016 min
Lab File: BG059827.D
Acq: 22 Nov 2023 21:04

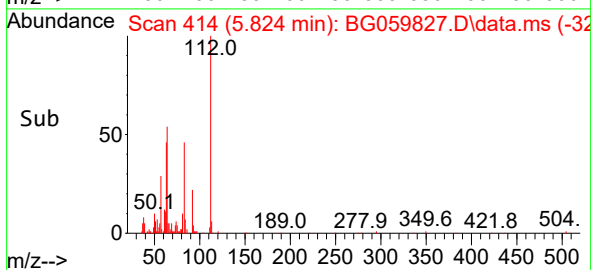
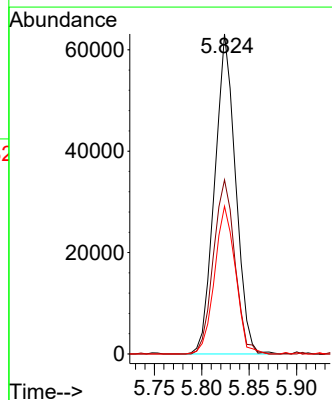
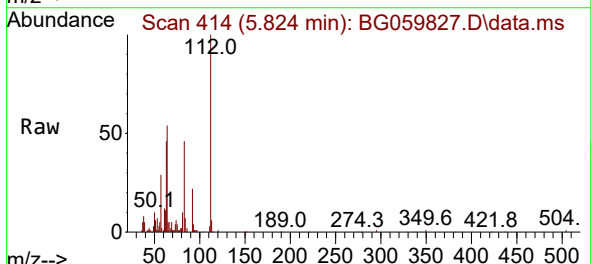
Instrument :
BNA_G
ClientSampleId :
WC-SED-02

Tgt Ion:152 Resp: 18957
Ion Ratio Lower Upper
152 100
150 126.8 122.2 183.4
115 54.5 54.2 81.4



#5
2-Fluorophenol
Concen: 86.124 ng
RT: 5.824 min Scan# 414
Delta R.T. -0.005 min
Lab File: BG059827.D
Acq: 22 Nov 2023 21:04

Tgt Ion:112 Resp: 97000
Ion Ratio Lower Upper
112 100
64 54.4 49.5 74.3
63 46.1 37.4 56.2

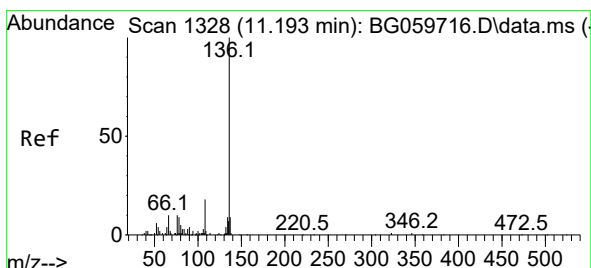
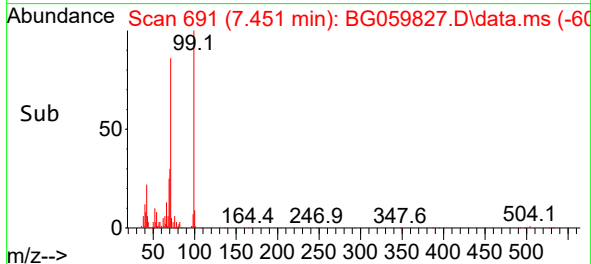
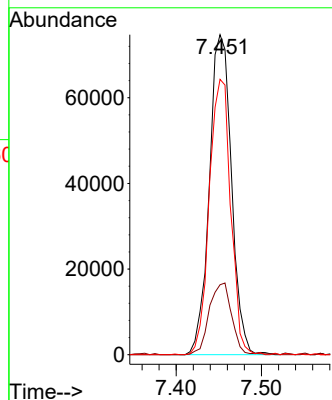
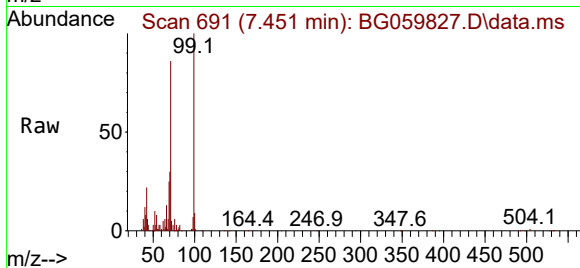




#7
Phenol-d6
Concen: 80.753 ng
RT: 7.451 min Scan# 691
Delta R.T. -0.005 min
Lab File: BG059827.D
Acq: 22 Nov 2023 21:04

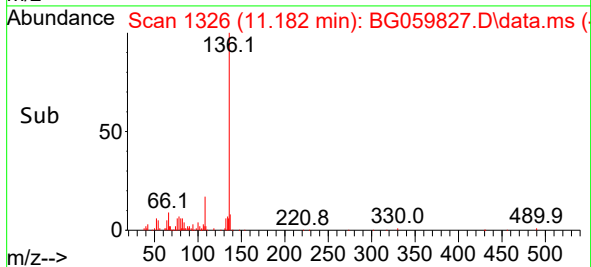
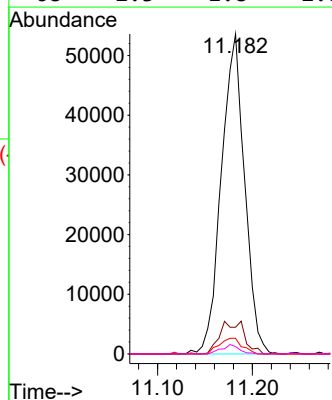
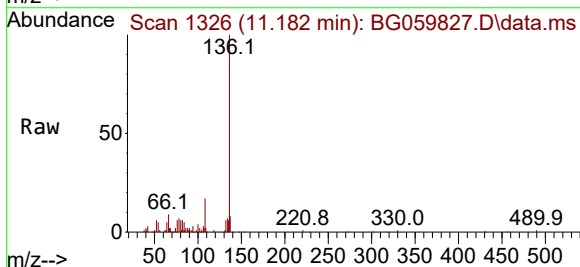
Instrument :
BNA_G
ClientSampleId :
WC-SED-02

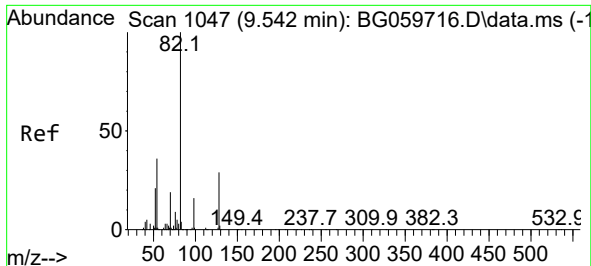
Tgt Ion: 99 Resp: 134780
Ion Ratio Lower Upper
99 100
42 21.9 14.3 21.5#
71 86.1 59.3 88.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.182 min Scan# 1326
Delta R.T. -0.011 min
Lab File: BG059827.D
Acq: 22 Nov 2023 21:04

Tgt Ion:136 Resp: 91236
Ion Ratio Lower Upper
136 100
137 8.3 7.4 11.0
54 4.9 3.1 4.7#
68 2.3 1.8 2.8





#23

Nitrobenzene-d5

Concen: 51.180 ng

RT: 9.525 min Scan# 1

Delta R.T. -0.017 min

Lab File: BG059827.D

Acq: 22 Nov 2023 21:04

Instrument :

BNA_G

ClientSampleId :

WC-SED-02

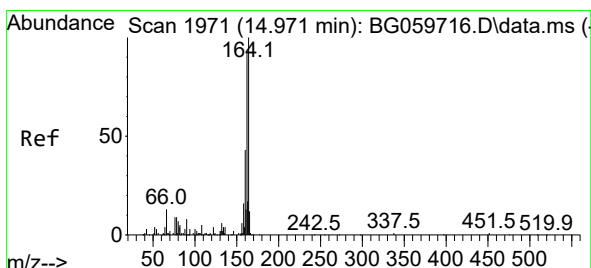
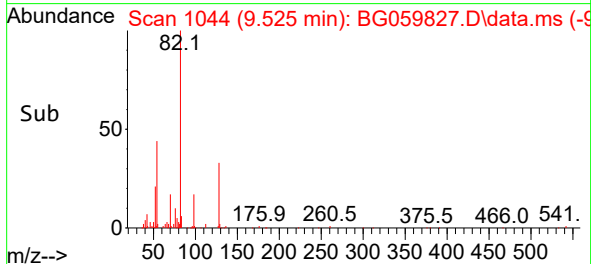
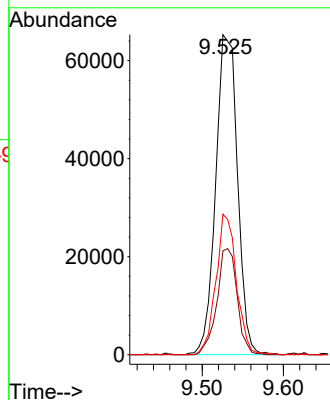
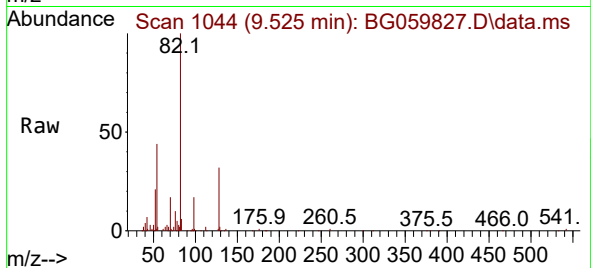
Tgt Ion: 82 Resp: 122262

Ion Ratio Lower Upper

82 100

128 32.5 23.0 34.6

54 43.9 28.7 43.1#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.960 min Scan# 1969

Delta R.T. -0.011 min

Lab File: BG059827.D

Acq: 22 Nov 2023 21:04

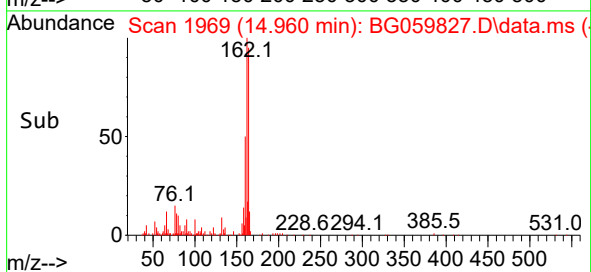
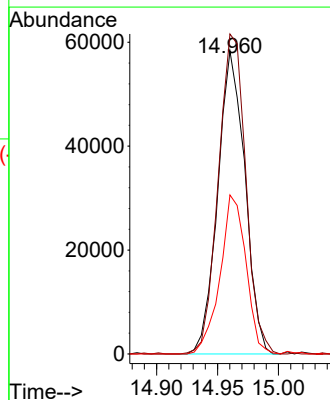
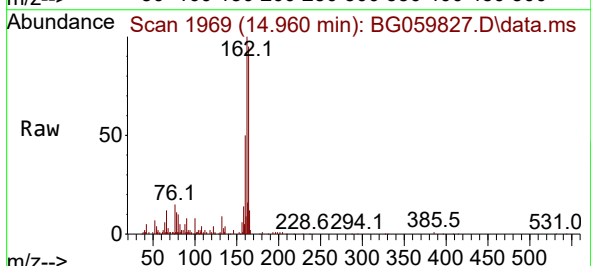
Tgt Ion:164 Resp: 90456

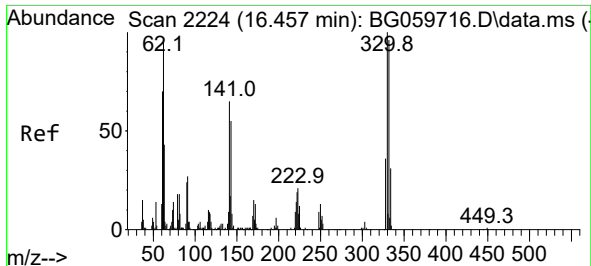
Ion Ratio Lower Upper

164 100

162 105.7 73.3 109.9

160 52.5 34.1 51.1#

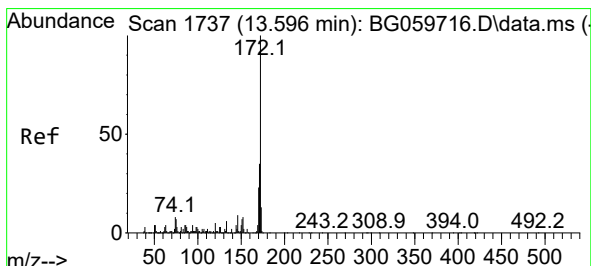
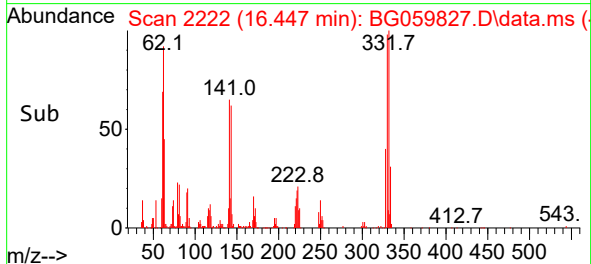
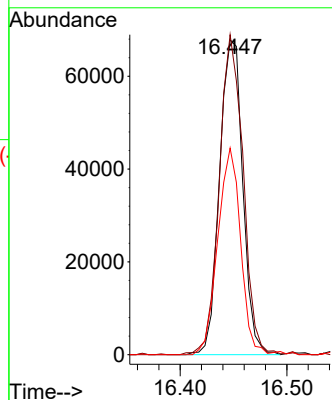
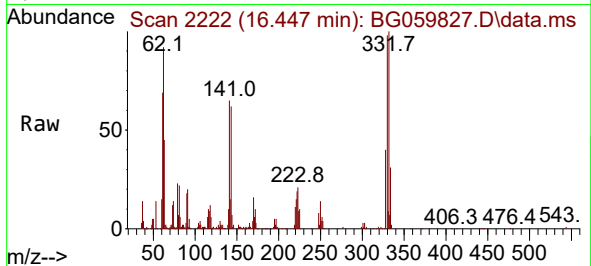




#42
2,4,6-Tribromophenol
Concen: 99.958 ng
RT: 16.447 min Scan# 21
Delta R.T. -0.011 min
Lab File: BG059827.D
Acq: 22 Nov 2023 21:04

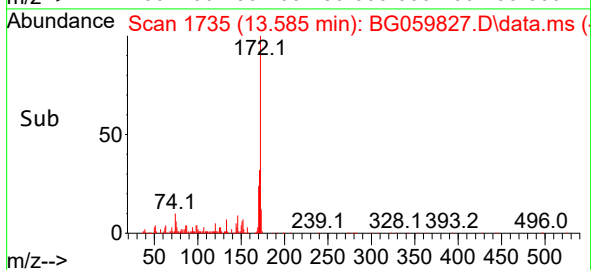
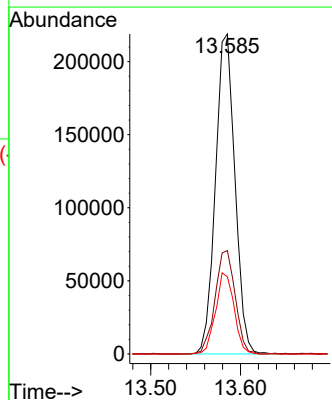
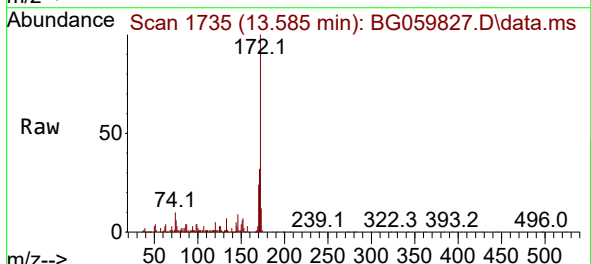
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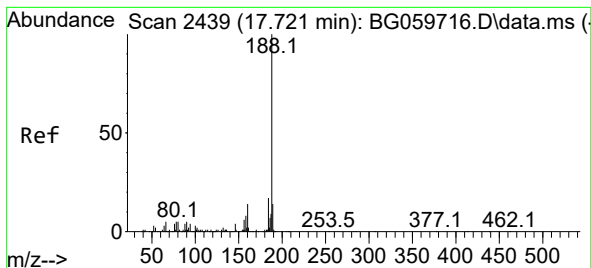
Tgt Ion:330 Resp: 102590
Ion Ratio Lower Upper
330 100
332 104.1 73.3 109.9
141 64.4 52.1 78.1



#45
2-Fluorobiphenyl
Concen: 49.040 ng
RT: 13.585 min Scan# 1735
Delta R.T. -0.011 min
Lab File: BG059827.D
Acq: 22 Nov 2023 21:04

Tgt Ion:172 Resp: 329557
Ion Ratio Lower Upper
172 100
171 32.3 27.7 41.5
170 24.1 18.4 27.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.710 min Scan# 2437

Delta R.T. -0.011 min

Lab File: BG059827.D

Acq: 22 Nov 2023 21:04

Instrument :

BNA_G

ClientSampleId :

WC-SED-02

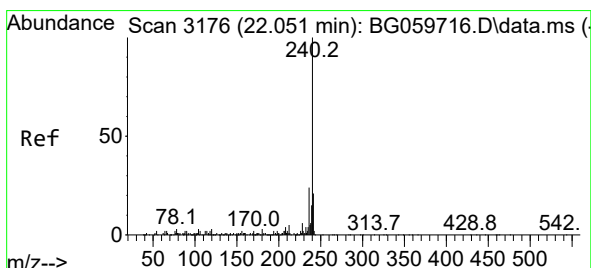
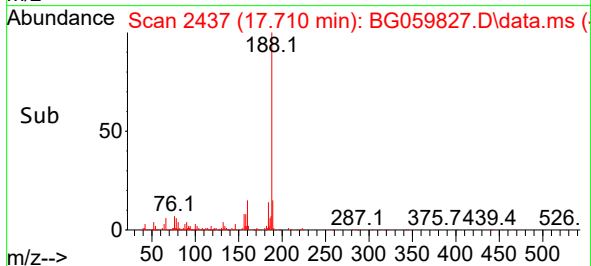
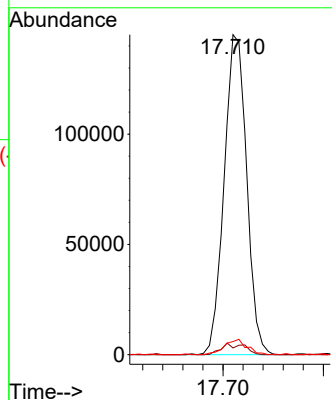
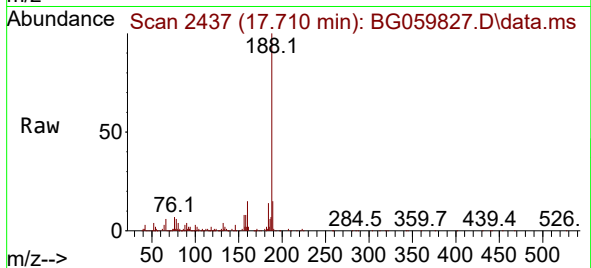
Tgt Ion:188 Resp: 225336

Ion Ratio Lower Upper

188 100

94 2.1 3.0 4.4#

80 4.1 4.2 6.4#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.040 min Scan# 3174

Delta R.T. -0.011 min

Lab File: BG059827.D

Acq: 22 Nov 2023 21:04

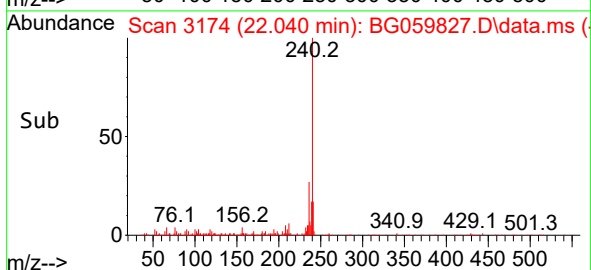
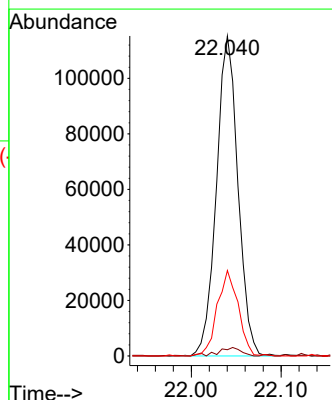
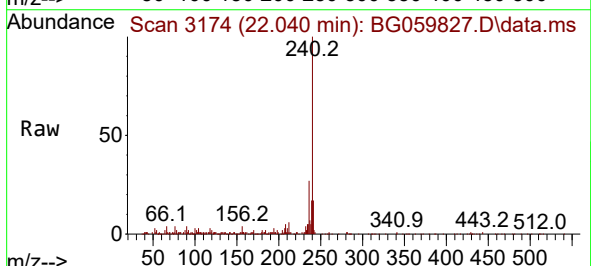
Tgt Ion:240 Resp: 191862

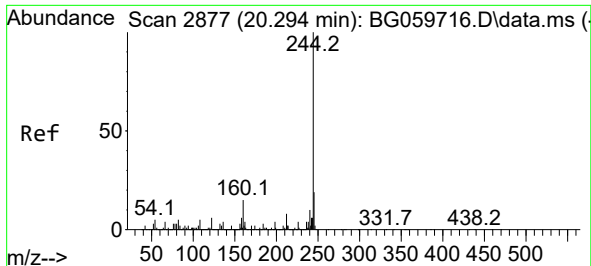
Ion Ratio Lower Upper

240 100

120 1.9 2.2 3.2#

236 26.7 19.4 29.2

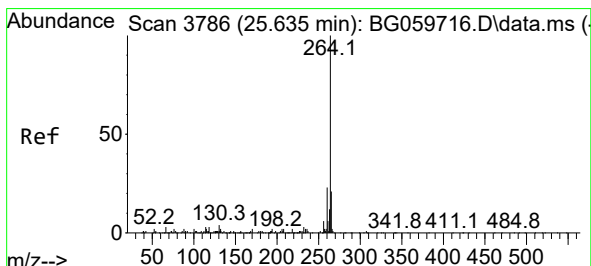
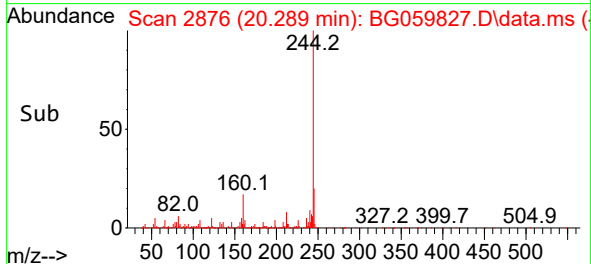
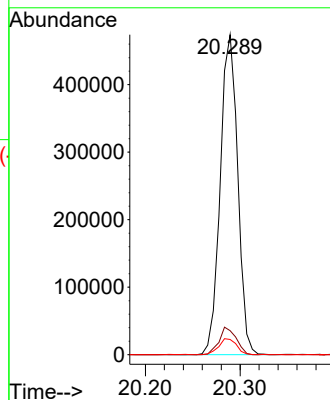
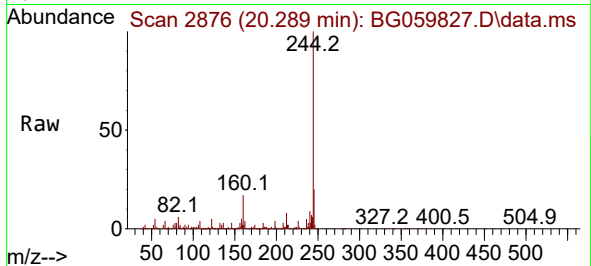




#79
 Terphenyl-d14
 Concen: 46.826 ng
 RT: 20.289 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BG059827.D
 Acq: 22 Nov 2023 21:04

Instrument :
 BNA_G
 ClientSampleId :
 WC-SED-02

Tgt Ion:244 Resp: 608579
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.6 10.0
 122 4.8 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: BG059827.D
 Acq: 22 Nov 2023 21:04

Tgt Ion:264 Resp: 248411
 Ion Ratio Lower Upper
 264 100
 260 21.0 18.5 27.7
 265 20.5 17.0 25.6

