

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112223\
 Data File : BG059822.D
 Acq On : 22 Nov 2023 17:40
 Operator : MA/JU
 Sample : 05449-10
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-SED-04

Quant Time: Nov 22 18:16:19 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	8.329	152	20204	20.000	ng	-0.01
21) Naphthalene-d8	11.178	136	91376	20.000	ng	#-0.01
39) Acenaphthene-d10	14.956	164	93502	20.000	ng	-0.01
64) Phenanthrene-d10	17.712	188	218639	20.000	ng	# 0.00
76) Chrysene-d12	22.042	240	184192	20.000	ng	0.00
86) Perylene-d12	25.626	264	223206	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.826	112	68110	56.741	ng	0.00
7) Phenol-d6	7.453	99	127710	71.794	ng	0.00
23) Nitrobenzene-d5	9.533	82	113800	47.564	ng	0.00
42) 2,4,6-Tribromophenol	16.449	330	55355	52.178	ng	0.00
45) 2-Fluorobiphenyl	13.581	172	374587	53.925	ng	-0.01
79) Terphenyl-d14	20.291	244	628724	50.390	ng	0.00

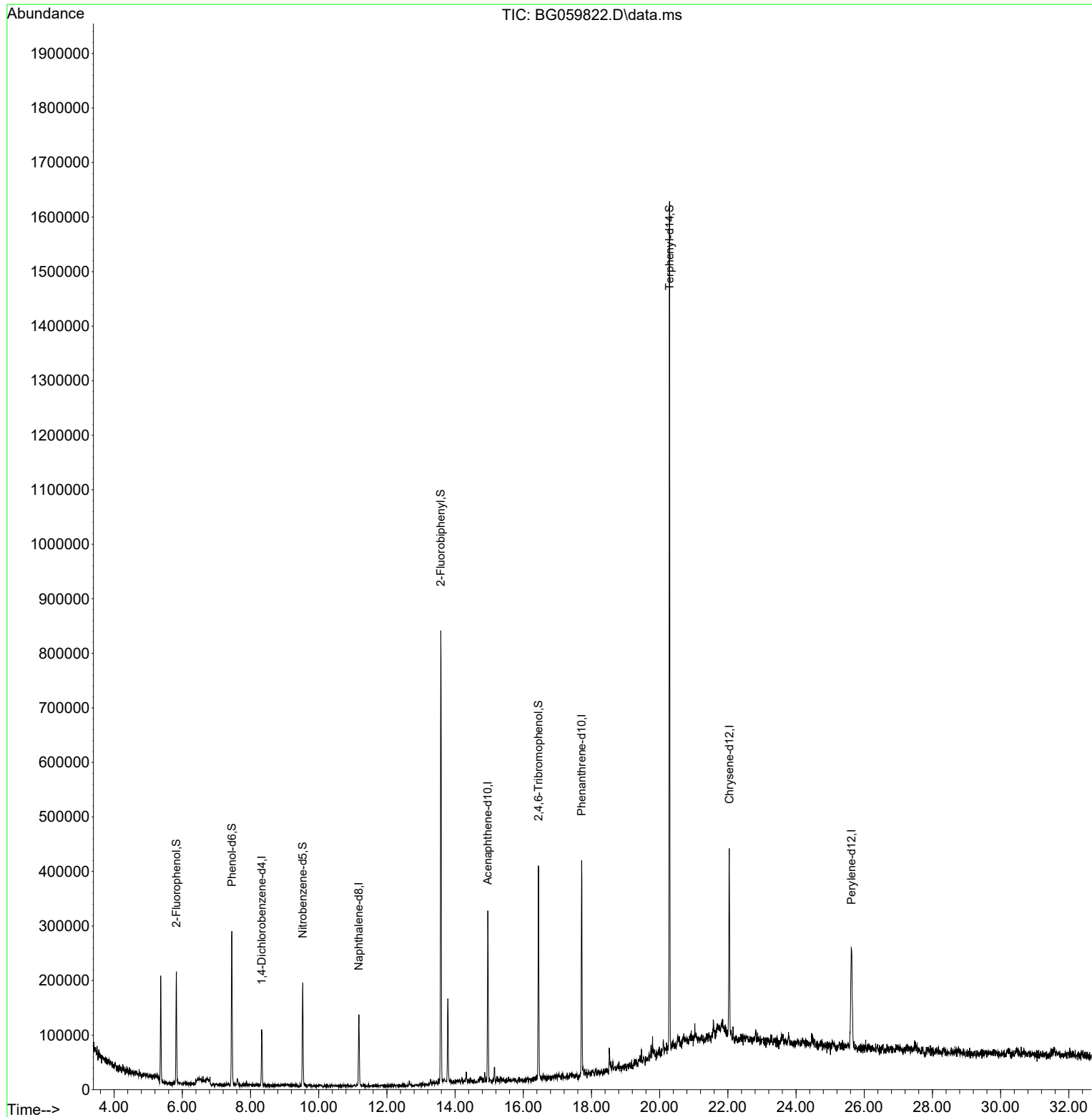
Target Compounds	Qvalue

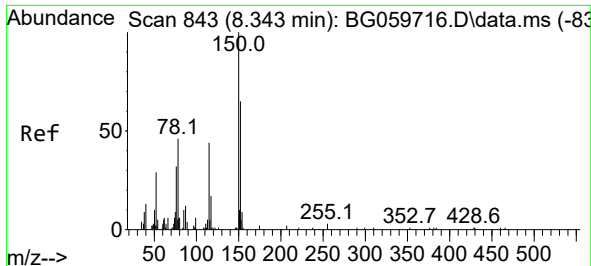
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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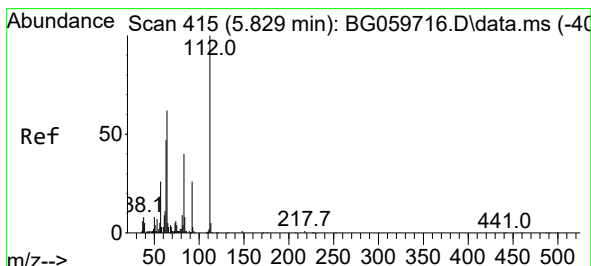
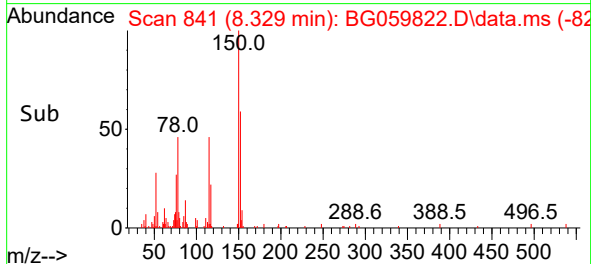
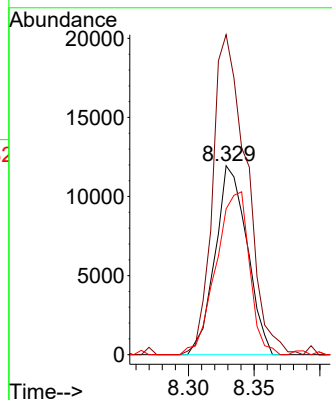
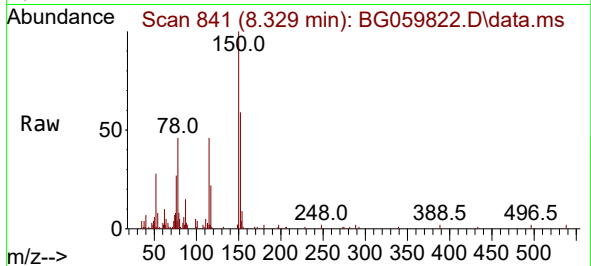




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.329 min Scan# 843
Delta R.T. -0.014 min
Lab File: BG059822.D
Acq: 22 Nov 2023 17:40

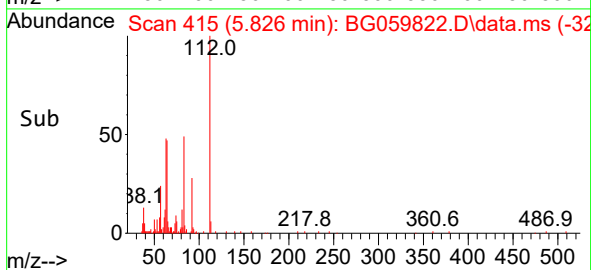
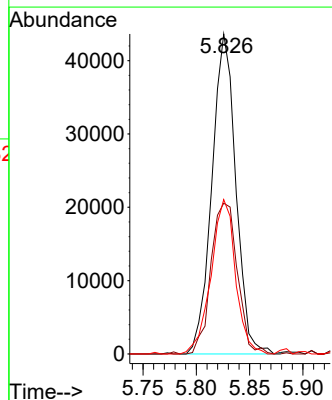
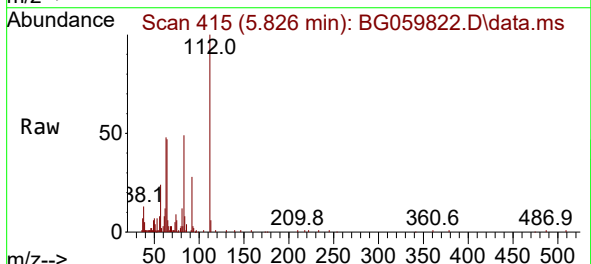
Instrument :
BNA_G
ClientSampleId :
WC-SED-04

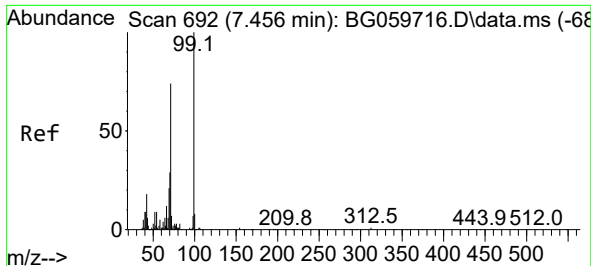
Tgt Ion:152 Resp: 20204
Ion Ratio Lower Upper
152 100
150 169.3 122.2 183.4
115 77.1 54.2 81.4



#5
2-Fluorophenol
Concen: 56.741 ng
RT: 5.826 min Scan# 415
Delta R.T. -0.003 min
Lab File: BG059822.D
Acq: 22 Nov 2023 17:40

Tgt Ion:112 Resp: 68110
Ion Ratio Lower Upper
112 100
64 47.1 49.5 74.3#
63 48.2 37.4 56.2

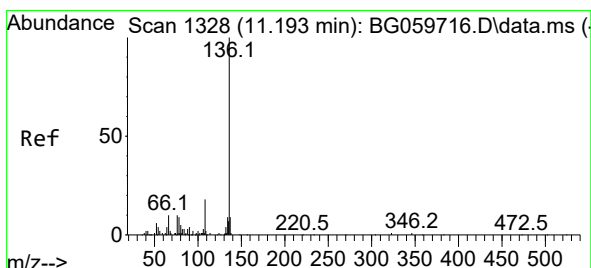
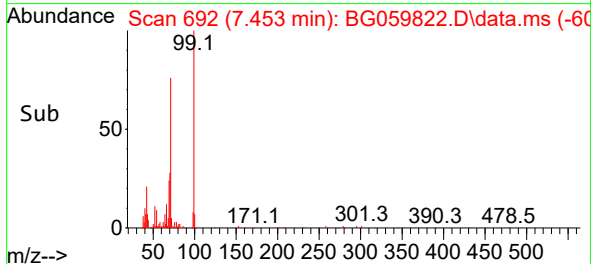
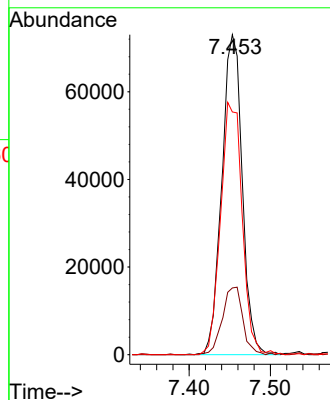
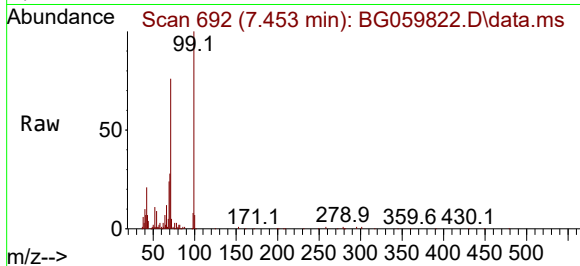




#7
Phenol-d6
Concen: 71.794 ng
RT: 7.453 min Scan# 692
Delta R.T. -0.003 min
Lab File: BG059822.D
Acq: 22 Nov 2023 17:40

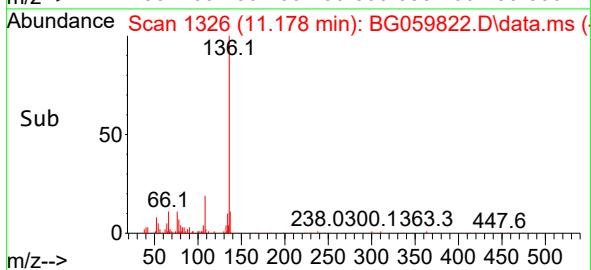
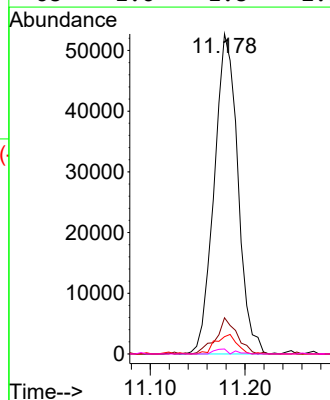
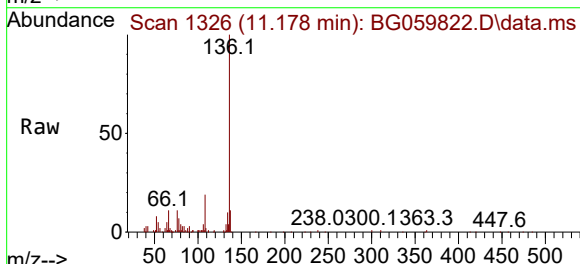
Instrument :
BNA_G
ClientSampleId :
WC-SED-04

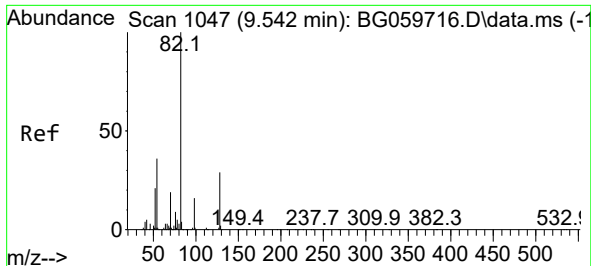
Tgt Ion: 99 Resp: 127710
Ion Ratio Lower Upper
99 100
42 20.9 14.3 21.5
71 75.8 59.3 88.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.178 min Scan# 1326
Delta R.T. -0.015 min
Lab File: BG059822.D
Acq: 22 Nov 2023 17:40

Tgt Ion: 136 Resp: 91376
Ion Ratio Lower Upper
136 100
137 11.3 7.4 11.0#
54 5.4 3.1 4.7#
68 1.6 1.8 2.8#

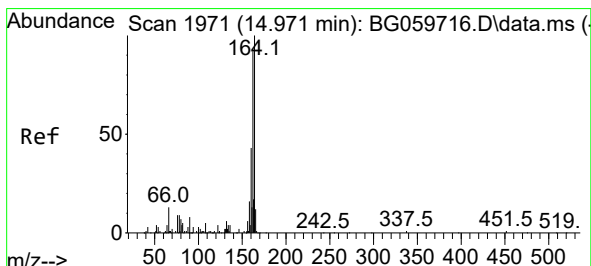
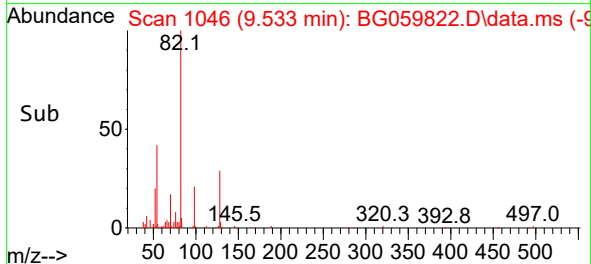
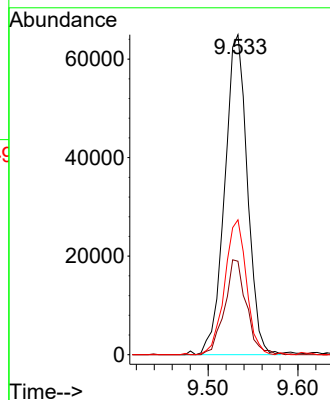
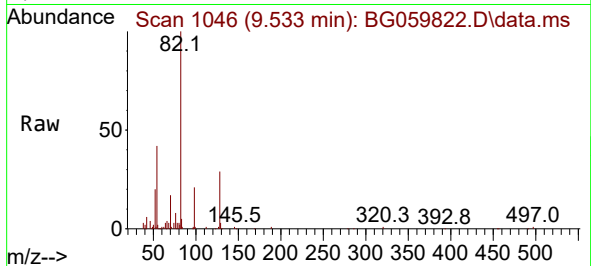




#23
Nitrobenzene-d5
Concen: 47.564 ng
RT: 9.533 min Scan# 1046
Delta R.T. -0.009 min
Lab File: BG059822.D
Acq: 22 Nov 2023 17:40

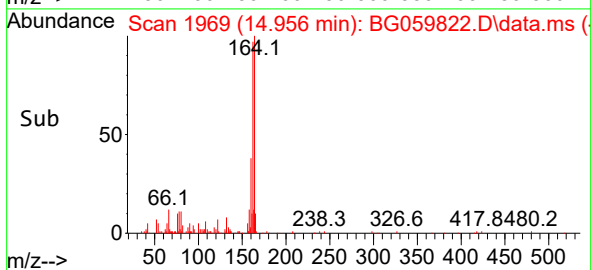
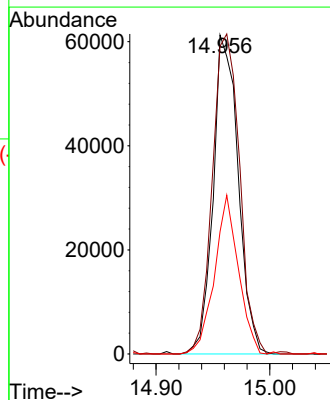
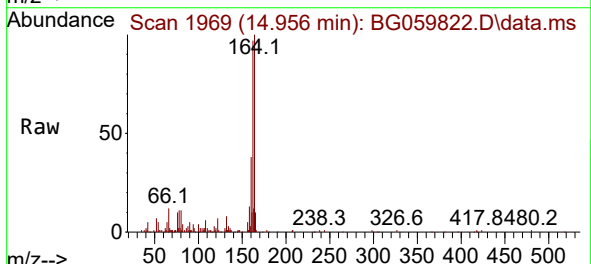
Instrument :
BNA_G
ClientSampleId :
WC-SED-04

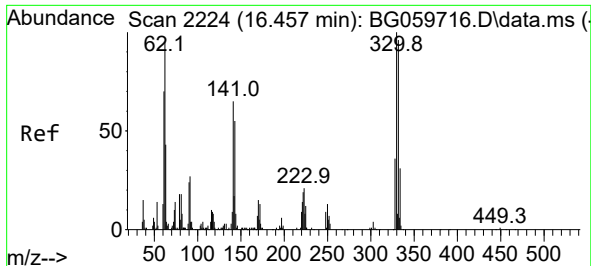
Tgt Ion: 82 Resp: 113800
Ion Ratio Lower Upper
82 100
128 29.2 23.0 34.6
54 42.2 28.7 43.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.956 min Scan# 1969
Delta R.T. -0.015 min
Lab File: BG059822.D
Acq: 22 Nov 2023 17:40

Tgt Ion:164 Resp: 93502
Ion Ratio Lower Upper
164 100
162 96.5 73.3 109.9
160 38.3 34.1 51.1

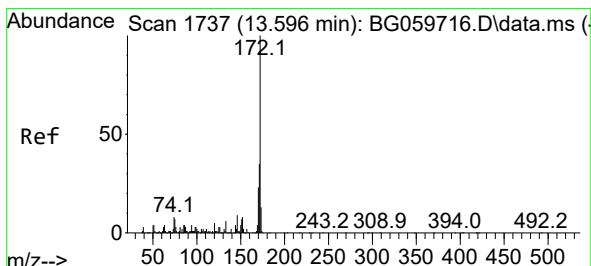
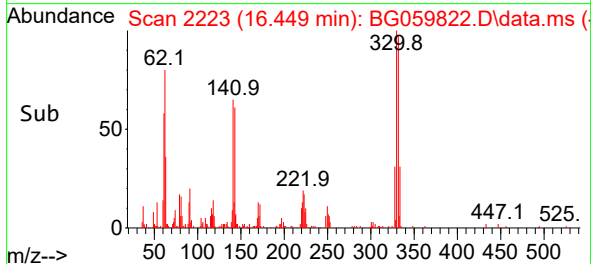
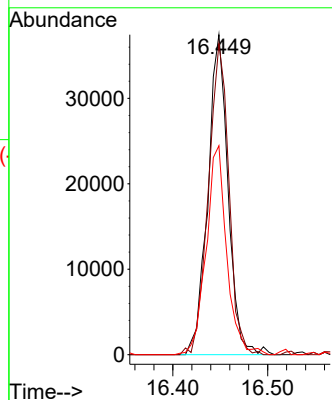
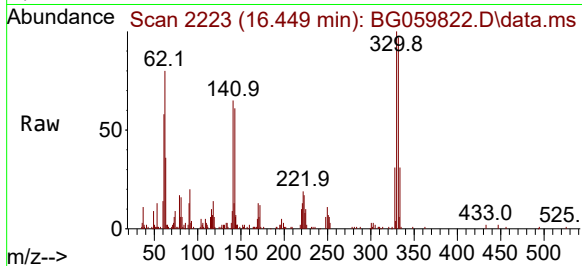




#42
2,4,6-Tribromophenol
Concen: 52.178 ng
RT: 16.449 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG059822.D
Acq: 22 Nov 2023 17:40

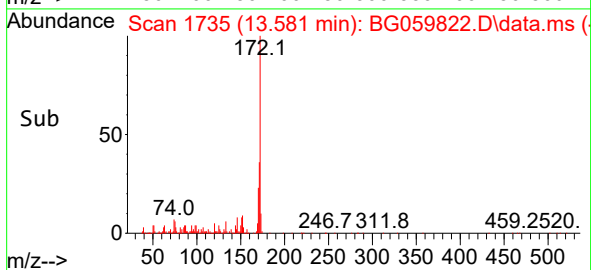
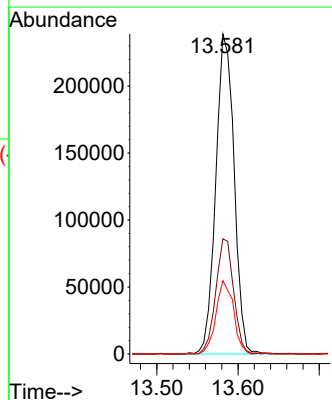
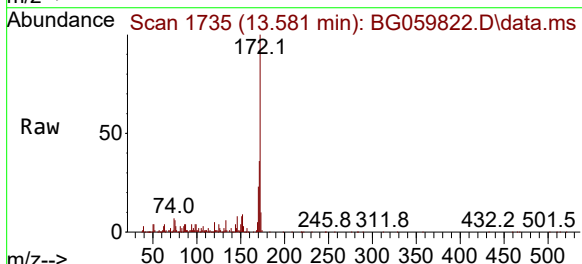
Instrument :
BNA_G
ClientSampleId :
WC-SED-04

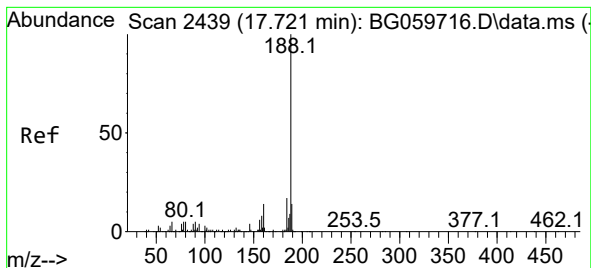
Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.3	73.3	109.9
141	66.5	52.1	78.1



#45
2-Fluorobiphenyl
Concen: 53.925 ng
RT: 13.581 min Scan# 1735
Delta R.T. -0.015 min
Lab File: BG059822.D
Acq: 22 Nov 2023 17:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	27.7	41.5
170	22.9	18.4	27.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.712 min Scan# 2438

Delta R.T. -0.009 min

Lab File: BG059822.D

Acq: 22 Nov 2023 17:40

Instrument :

BNA_G

ClientSampleId :

WC-SED-04

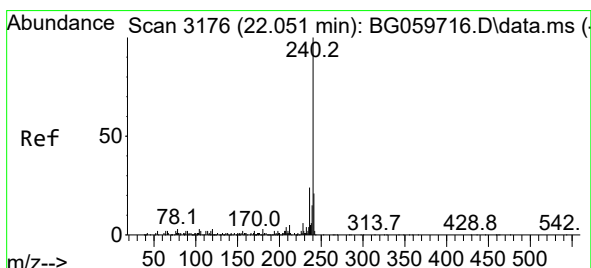
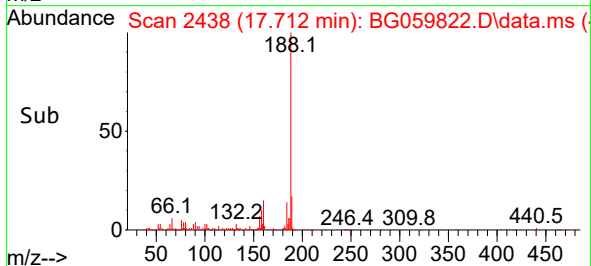
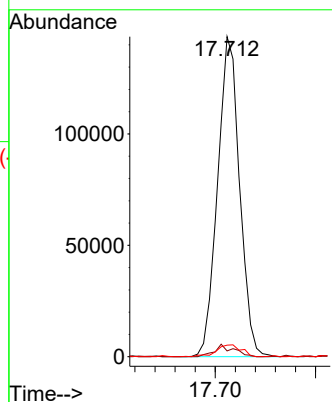
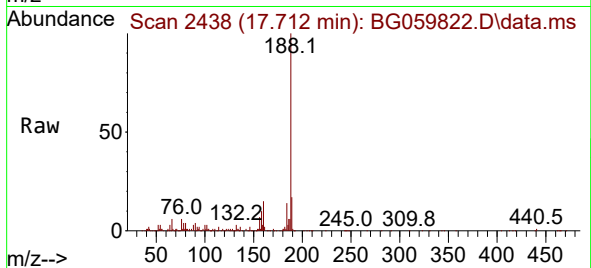
Tgt Ion:188 Resp: 218639

Ion Ratio Lower Upper

188 100

94 1.8 3.0 4.4#

80 3.6 4.2 6.4#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.042 min Scan# 3175

Delta R.T. -0.009 min

Lab File: BG059822.D

Acq: 22 Nov 2023 17:40

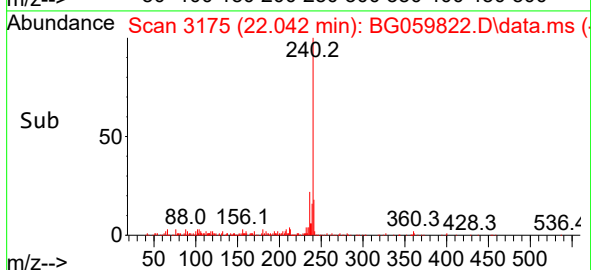
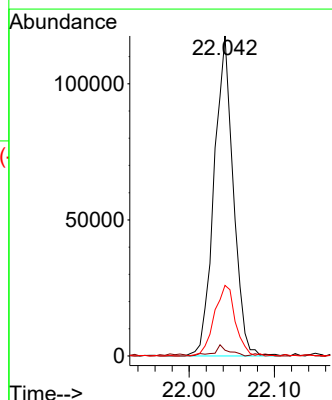
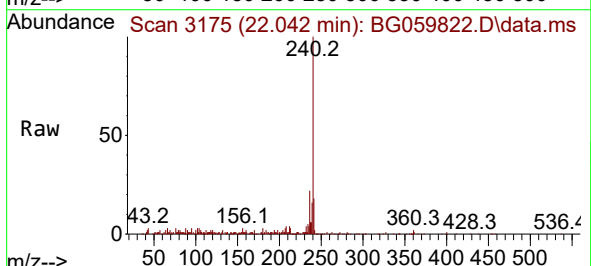
Tgt Ion:240 Resp: 184192

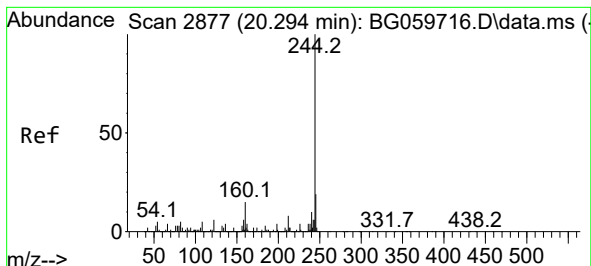
Ion Ratio Lower Upper

240 100

120 3.0 2.2 3.2

236 22.0 19.4 29.2





#79

Terphenyl-d14

Concen: 50.390 ng

RT: 20.291 min Scan# 2

Delta R.T. -0.003 min

Lab File: BG059822.D

Acq: 22 Nov 2023 17:40

Instrument :

BNA_G

ClientSampleId :

WC-SED-04

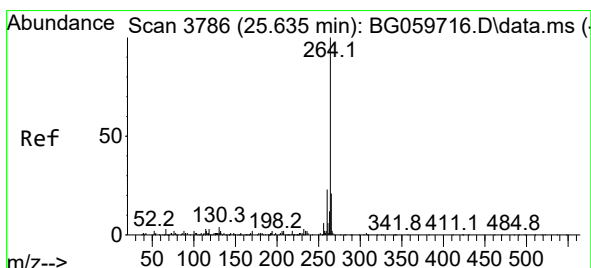
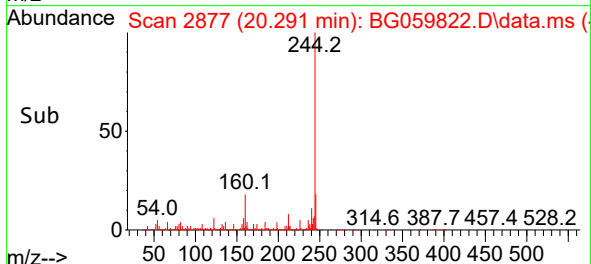
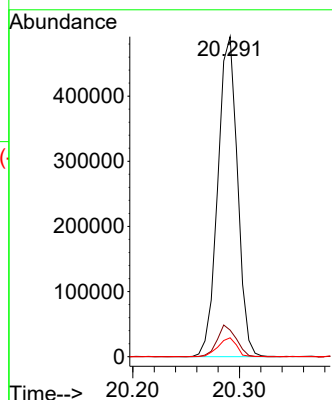
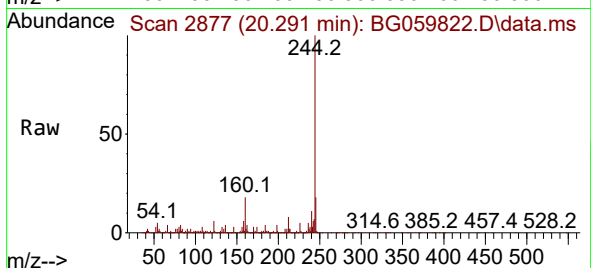
Tgt Ion:244 Resp: 628724

Ion Ratio Lower Upper

244 100

212 8.3 6.6 10.0

122 5.9 4.4 6.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.626 min Scan# 3785

Delta R.T. -0.009 min

Lab File: BG059822.D

Acq: 22 Nov 2023 17:40

Tgt Ion:264 Resp: 223206

Ion Ratio Lower Upper

264 100

260 20.8 18.5 27.7

265 21.9 17.0 25.6

