

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111723\
 Data File : BG059762.D
 Acq On : 18 Nov 2023 13:12
 Operator : MA/JU
 Sample : 05384-03 5X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EO-02-11102023

Quant Time: Nov 20 04:42:46 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)

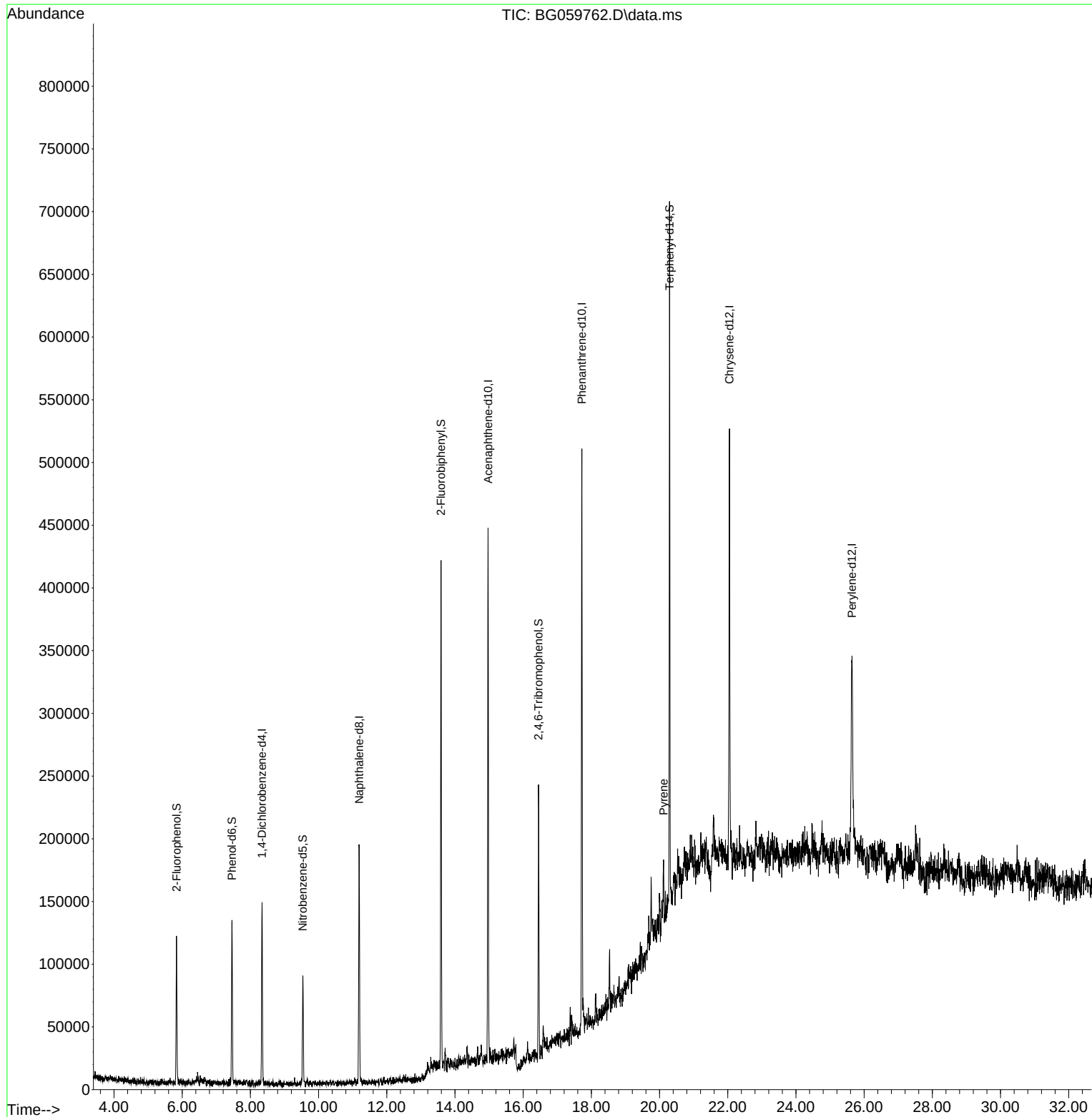
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.343	152	28873	20.000	ng	# 0.00
21) Naphthalene-d8	11.193	136	133837	20.000	ng	# 0.00
39) Acenaphthene-d10	14.971	164	127636	20.000	ng	# 0.00
64) Phenanthrene-d10	17.720	188	239727	20.000	ng	# 0.00
76) Chrysene-d12	22.051	240	183164	20.000	ng	# 0.00
86) Perylene-d12	25.640	264	203392	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.834	112	40833	23.803	ng	0.00
7) Phenol-d6	7.456	99	60344	23.738	ng	0.00
23) Nitrobenzene-d5	9.536	82	52341	14.936	ng	0.00
42) 2,4,6-Tribromophenol	16.451	330	29191	20.157	ng	0.00
45) 2-Fluorobiphenyl	13.590	172	158877	16.755	ng	0.00
79) Terphenyl-d14	20.294	244	207189	16.699	ng	0.00
Target Compounds						
78) Pyrene	20.118	202	25765	2.067	ng	# 81

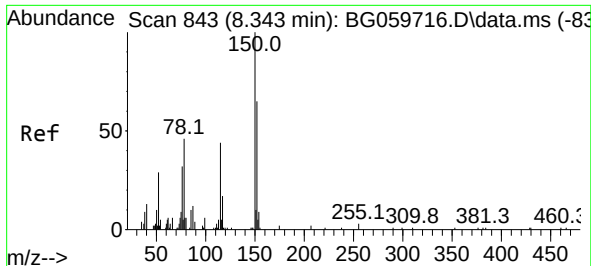
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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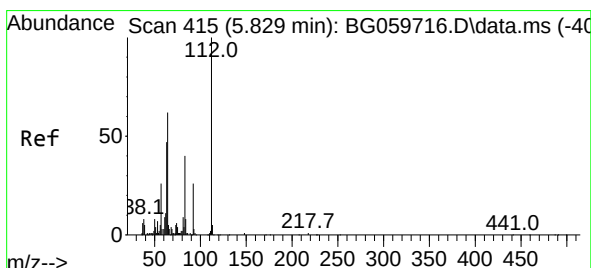
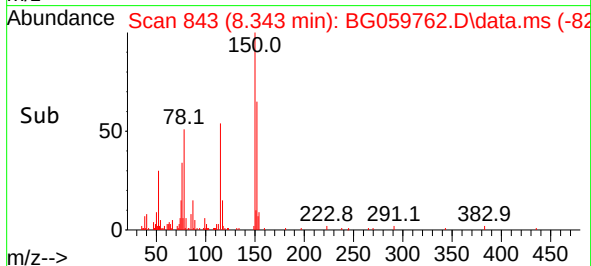
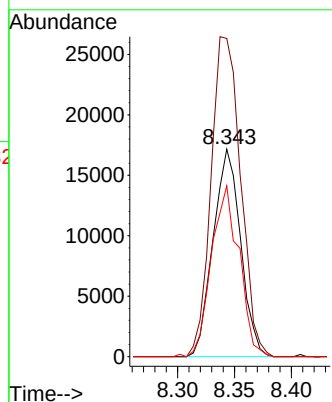
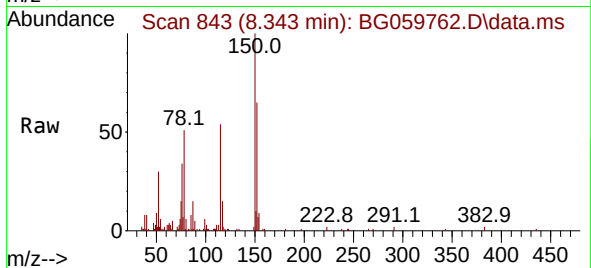




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.343 min Scan# 843
Delta R.T. 0.000 min
Lab File: BG059762.D
Acq: 18 Nov 2023 13:12

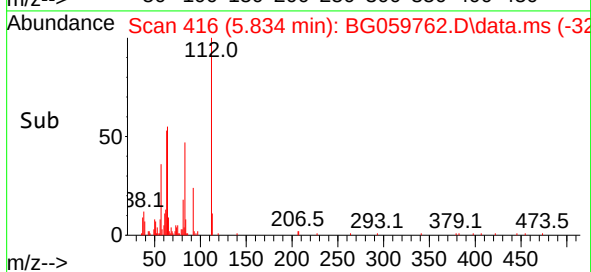
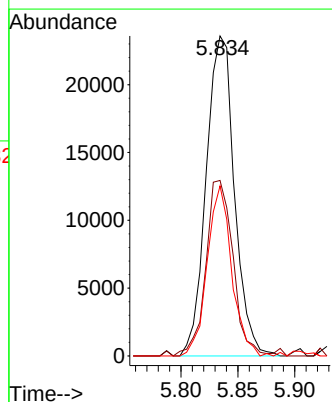
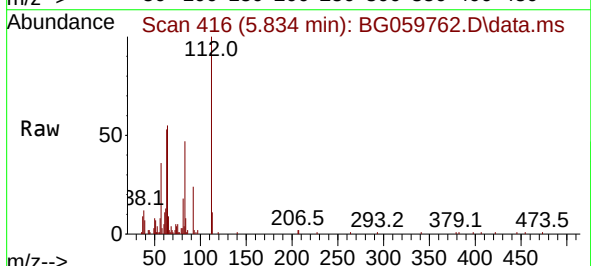
Instrument :
BNA_G
ClientSampleId :
EO-02-11102023

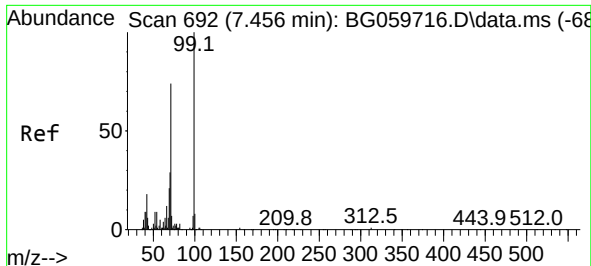
Tgt Ion:152 Resp: 28873
Ion Ratio Lower Upper
152 100
150 153.3 122.2 183.4
115 82.3 54.2 81.4#



#5
2-Fluorophenol
Concen: 23.803 ng
RT: 5.834 min Scan# 416
Delta R.T. 0.006 min
Lab File: BG059762.D
Acq: 18 Nov 2023 13:12

Tgt Ion:112 Resp: 40833
Ion Ratio Lower Upper
112 100
64 54.8 49.5 74.3
63 53.2 37.4 56.2

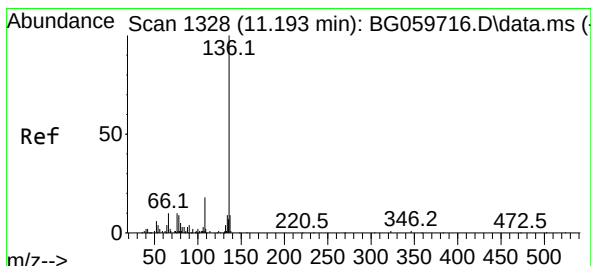
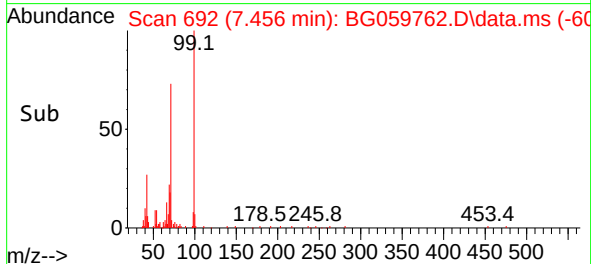
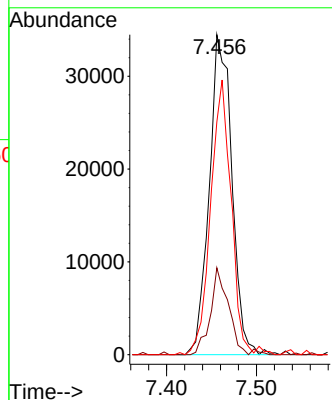
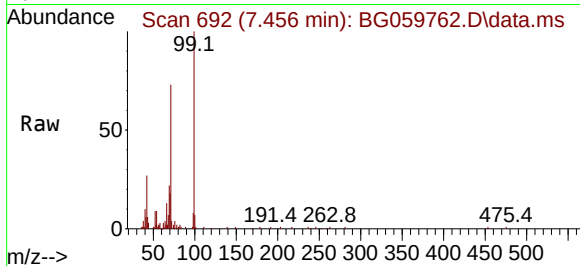




#7
Phenol-d6
Concen: 23.738 ng
RT: 7.456 min Scan# 692
Delta R.T. -0.000 min
Lab File: BG059762.D
Acq: 18 Nov 2023 13:12

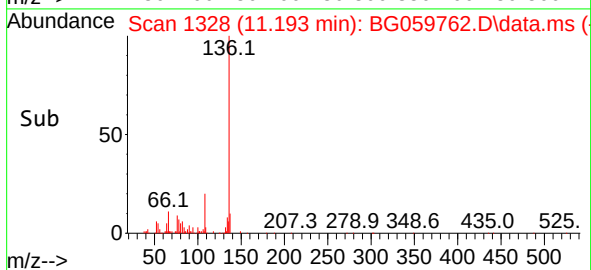
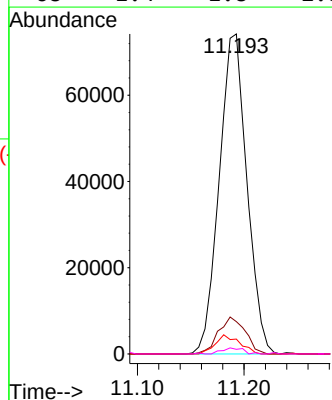
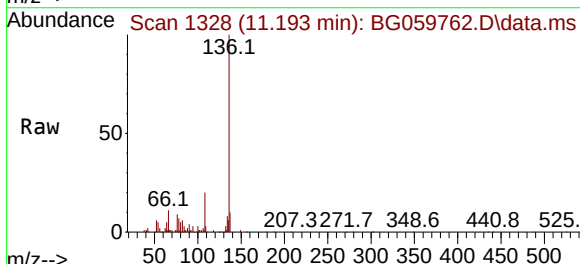
Instrument :
BNA_G
ClientSampleId :
EO-02-11102023

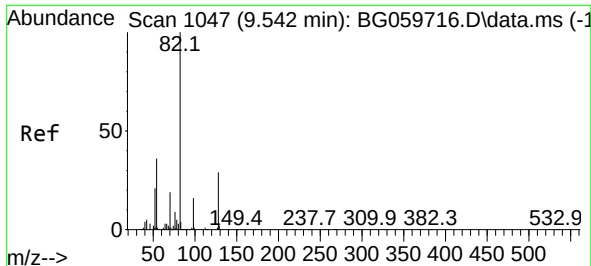
Tgt Ion: 99 Resp: 60344
Ion Ratio Lower Upper
99 100
42 27.2 14.3 21.5#
71 72.7 59.3 88.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.193 min Scan# 1328
Delta R.T. -0.000 min
Lab File: BG059762.D
Acq: 18 Nov 2023 13:12

Tgt Ion:136 Resp: 133837
Ion Ratio Lower Upper
136 100
137 10.1 7.4 11.0
54 4.7 3.1 4.7
68 1.4 1.8 2.8#

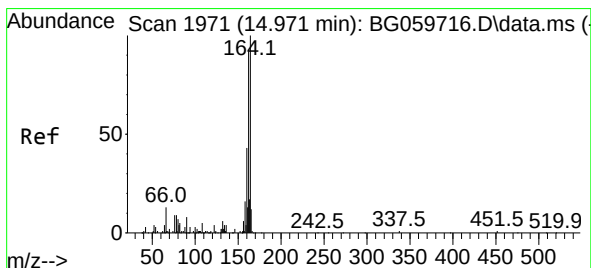
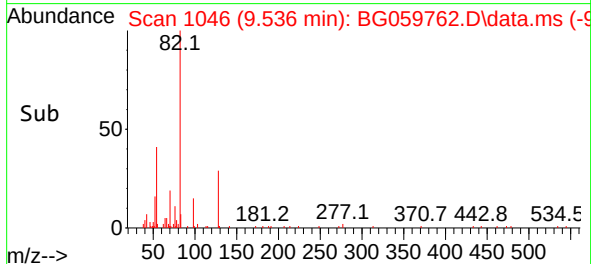
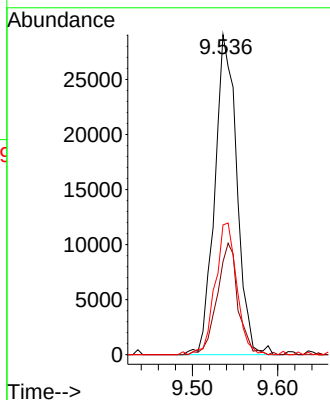
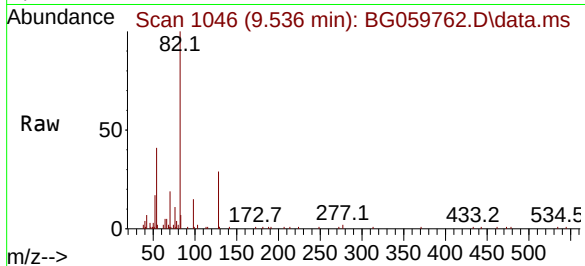




#23
Nitrobenzene-d5
Concen: 14.936 ng
RT: 9.536 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BG059762.D
Acq: 18 Nov 2023 13:12

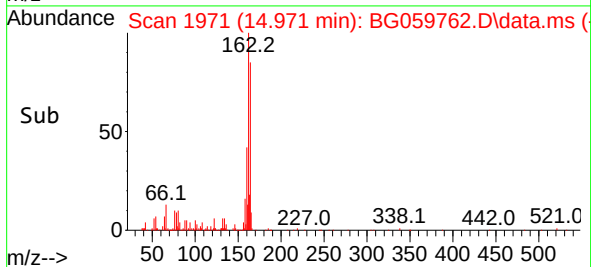
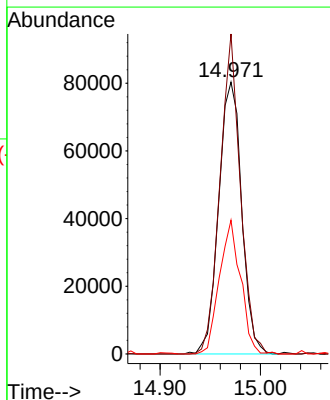
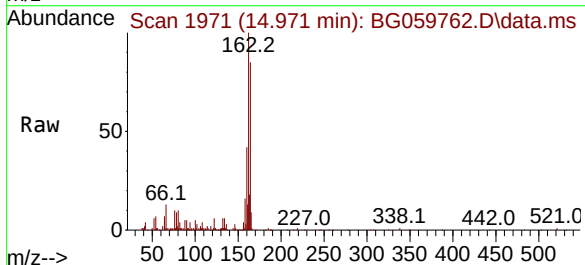
Instrument :
BNA_G
ClientSampleId :
EO-02-11102023

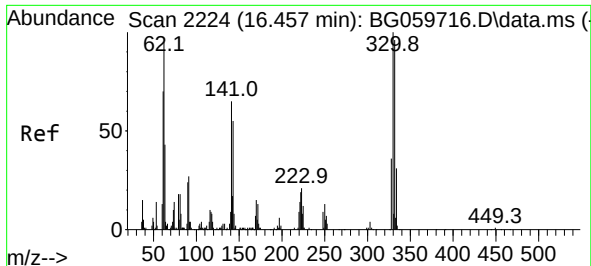
Tgt Ion: 82 Resp: 52341
Ion Ratio Lower Upper
82 100
128 29.1 23.0 34.6
54 40.6 28.7 43.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.971 min Scan# 1971
Delta R.T. -0.000 min
Lab File: BG059762.D
Acq: 18 Nov 2023 13:12

Tgt Ion:164 Resp: 127636
Ion Ratio Lower Upper
164 100
162 117.7 73.3 109.9#
160 49.2 34.1 51.1

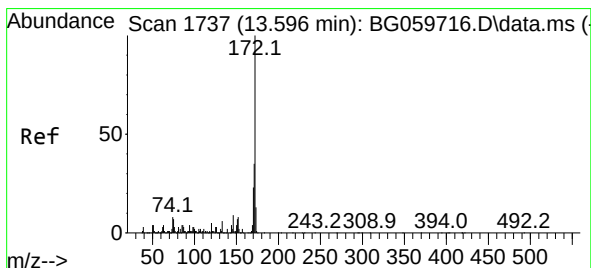
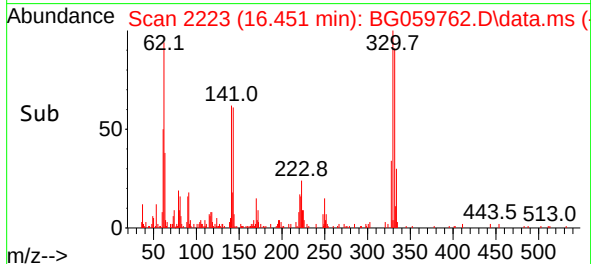
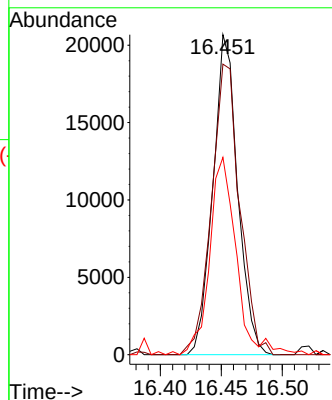
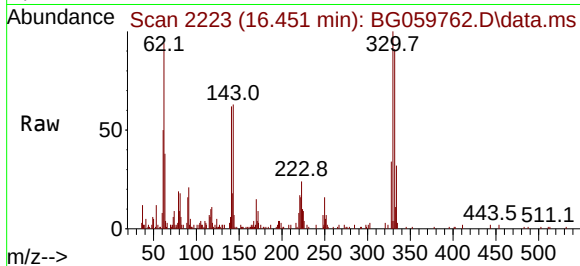




#42
2,4,6-Tribromophenol
Concen: 20.157 ng
RT: 16.451 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG059762.D
Acq: 18 Nov 2023 13:12

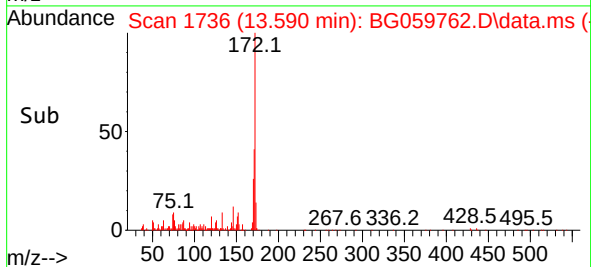
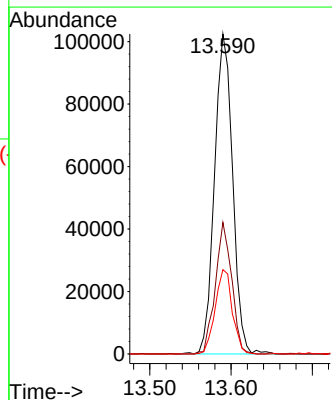
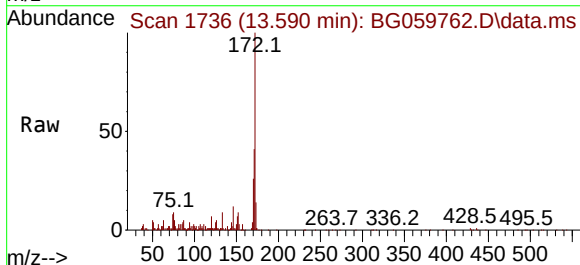
Instrument :
BNA_G
ClientSampleId :
EO-02-11102023

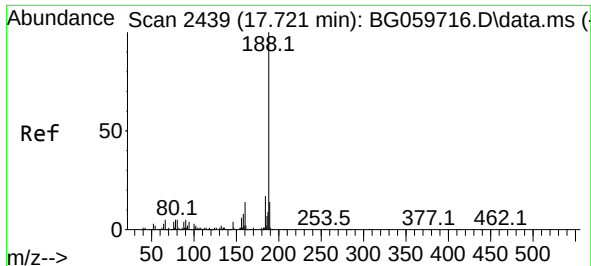
Tgt Ion:330 Resp: 29191
Ion Ratio Lower Upper
330 100
332 103.4 73.3 109.9
141 66.7 52.1 78.1



#45
2-Fluorobiphenyl
Concen: 16.755 ng
RT: 13.590 min Scan# 1736
Delta R.T. -0.006 min
Lab File: BG059762.D
Acq: 18 Nov 2023 13:12

Tgt Ion:172 Resp: 158877
Ion Ratio Lower Upper
172 100
171 41.1 27.7 41.5
170 26.4 18.4 27.6

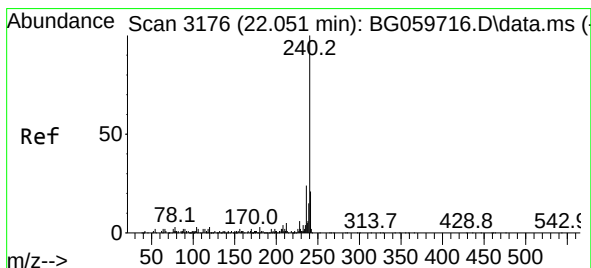
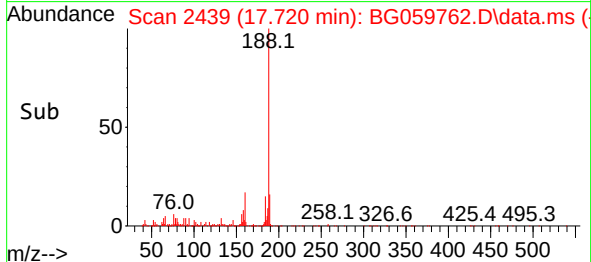
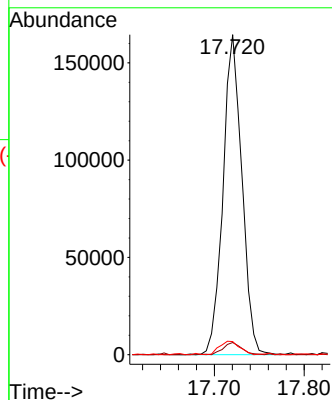
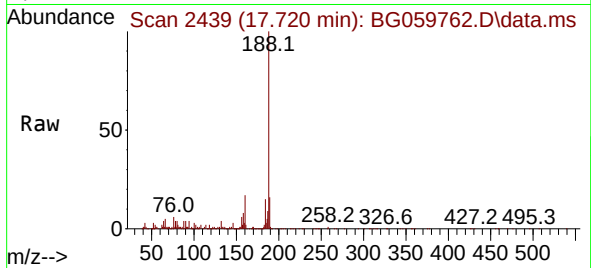




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.720 min Scan# 2439
Delta R.T. -0.000 min
Lab File: BG059762.D
Acq: 18 Nov 2023 13:12

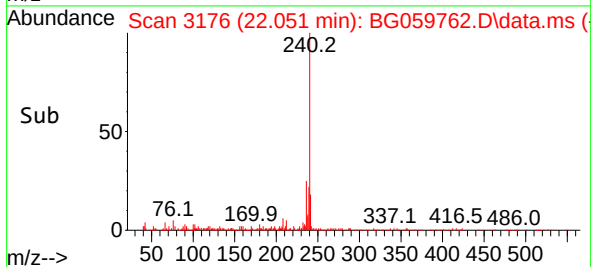
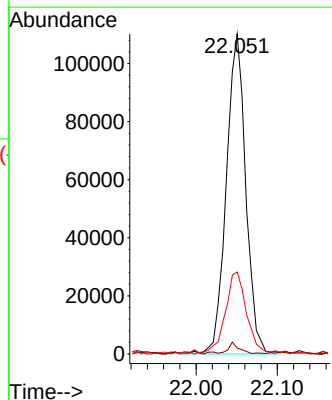
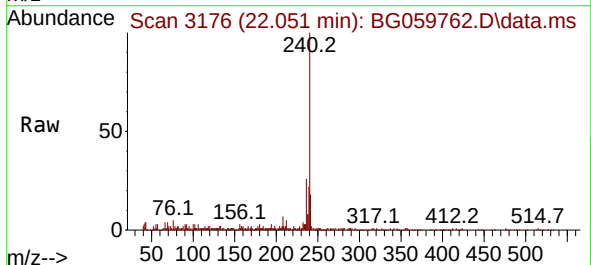
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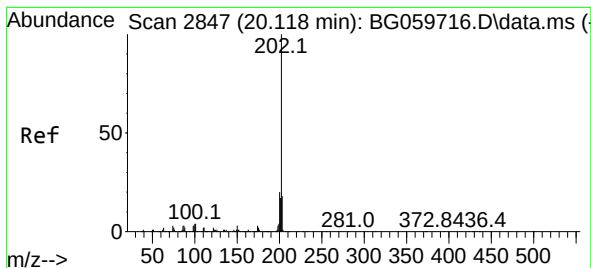
Tgt Ion:188 Resp: 239727
Ion Ratio Lower Upper
188 100
94 3.8 3.0 4.4
80 4.1 4.2 6.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.051 min Scan# 3176
Delta R.T. -0.000 min
Lab File: BG059762.D
Acq: 18 Nov 2023 13:12

Tgt Ion:240 Resp: 183164
Ion Ratio Lower Upper
240 100
120 1.9 2.2 3.2#
236 25.6 19.4 29.2





#78

Pyrene

Concen: 2.067 ng

RT: 20.118 min Scan# 2847

Delta R.T. -0.000 min

Lab File: BG059762.D

Acq: 18 Nov 2023 13:12

Instrument :

BNA_G

ClientSampleId :

EO-02-11102023

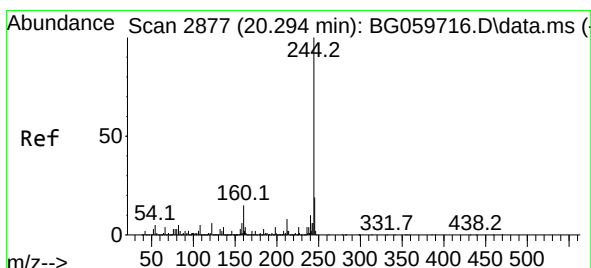
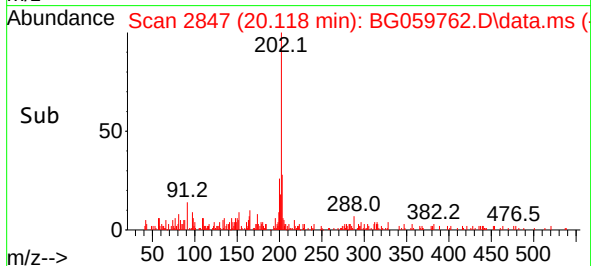
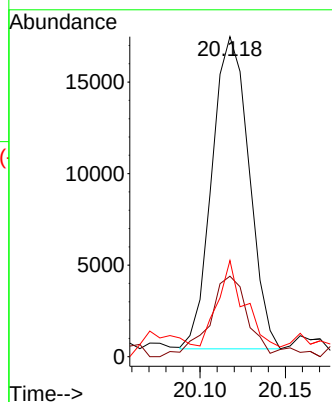
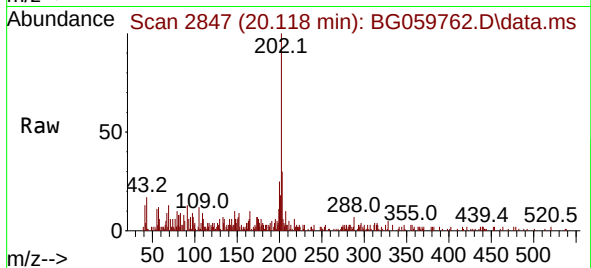
Tgt Ion:202 Resp: 25765

Ion Ratio Lower Upper

202 100

200 25.2 16.2 24.4#

203 30.1 14.0 21.0#



#79

Terphenyl-d14

Concen: 16.699 ng

RT: 20.294 min Scan# 2877

Delta R.T. -0.000 min

Lab File: BG059762.D

Acq: 18 Nov 2023 13:12

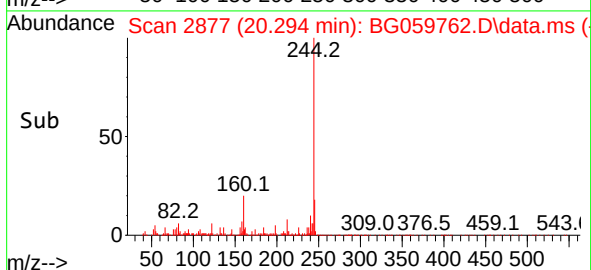
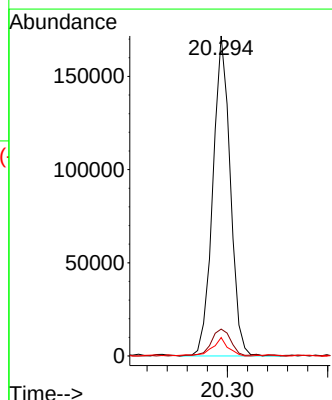
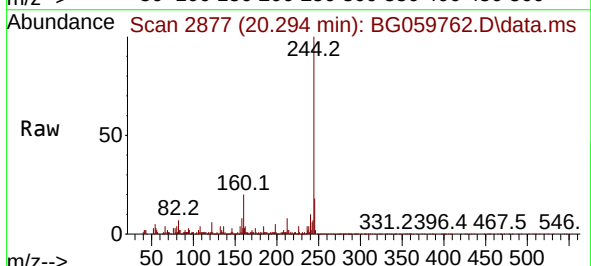
Tgt Ion:244 Resp: 207189

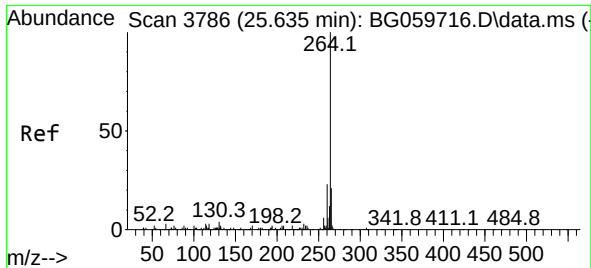
Ion Ratio Lower Upper

244 100

212 8.4 6.6 10.0

122 5.7 4.4 6.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.640 min Scan# 31
 Delta R.T. 0.006 min
 Lab File: BG059762.D
 Acq: 18 Nov 2023 13:12

Instrument :
 BNA_G
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Tgt Ion:264 Resp: 203392
 Ion Ratio Lower Upper
 264 100
 260 26.9 18.5 27.7
 265 18.5 17.0 25.6

