

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111523\
 Data File : BG059697.D
 Acq On : 15 Nov 2023 13:04
 Operator : MA/JU
 Sample : 05311-06
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-2

Quant Time: Nov 15 13:48:24 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 15 08:14:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.346	152	43520	20.000	ng	# 0.00
21) Naphthalene-d8	11.196	136	163924	20.000	ng	# 0.00
39) Acenaphthene-d10	14.974	164	110142	20.000	ng	# 0.00
64) Phenanthrene-d10	17.723	188	255868	20.000	ng	# 0.00
76) Chrysene-d12	22.053	240	240788	20.000	ng	# 0.00
86) Perylene-d12	25.643	264	100444	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.837	112	361366	143.352	ng	0.00
7) Phenol-d6	7.459	99	456307	119.780	ng	0.00
23) Nitrobenzene-d5	9.545	82	449017	117.756	ng	0.00
42) 2,4,6-Tribromophenol	16.460	330	209758	168.749	ng	0.00
45) 2-Fluorobiphenyl	13.599	172	867518	106.190	ng	0.00
79) Terphenyl-d14	20.303	244	1642823	140.766	ng	0.00

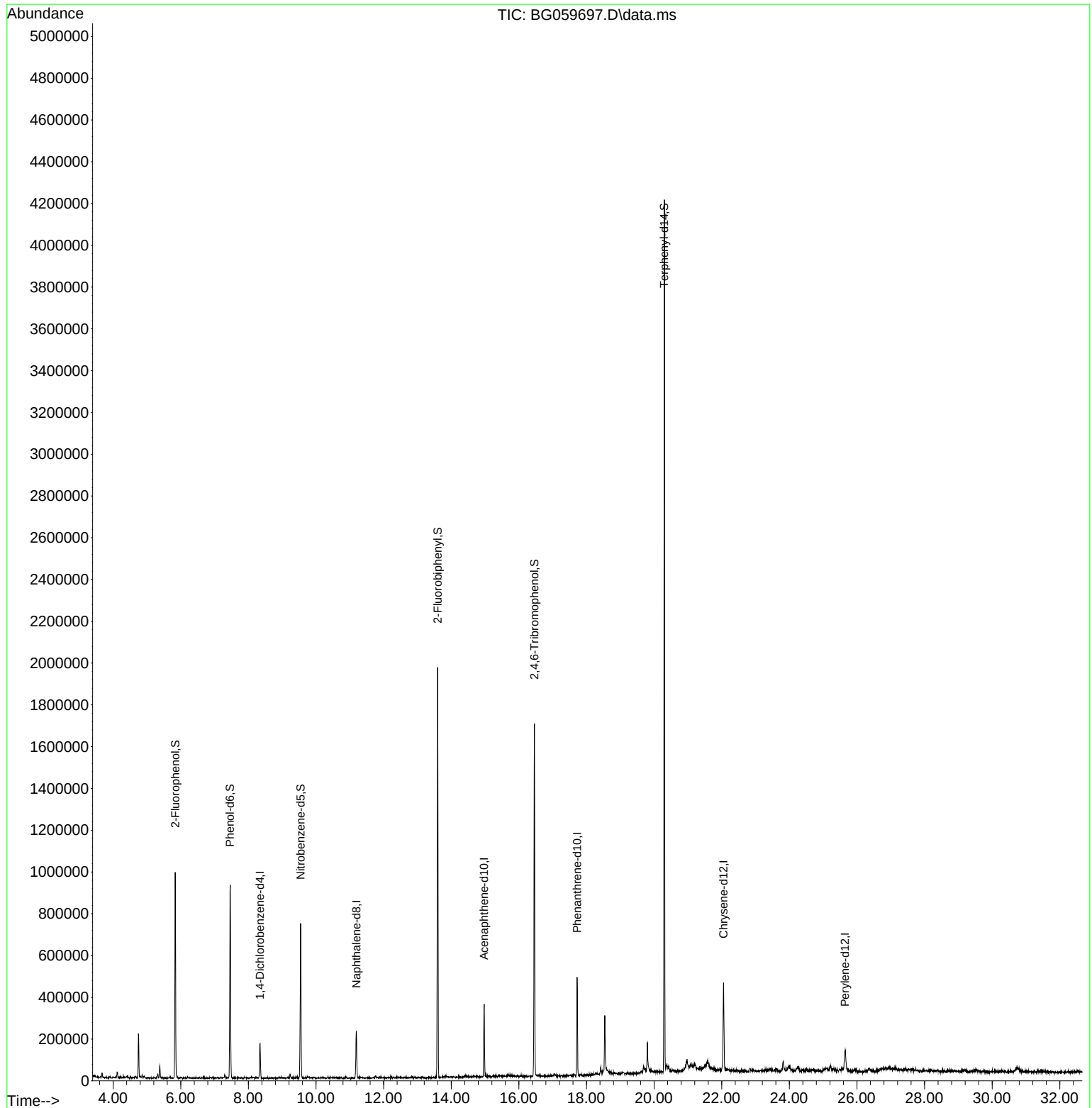
Target Compounds	Qvalue

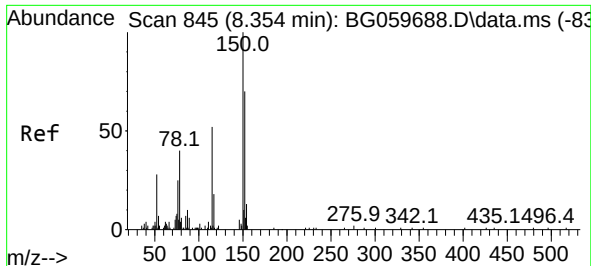
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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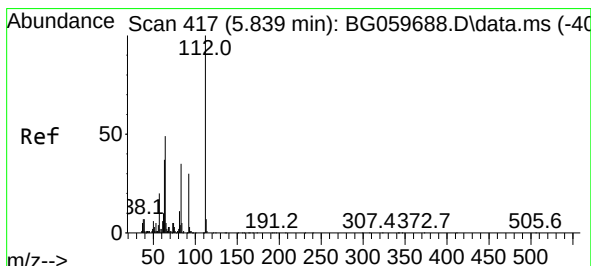
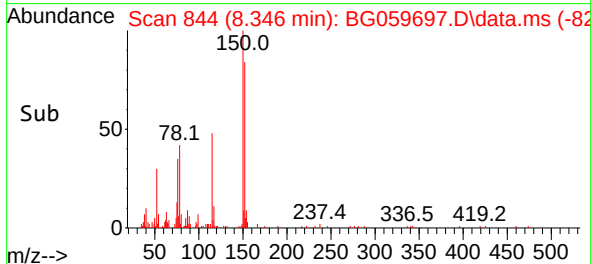
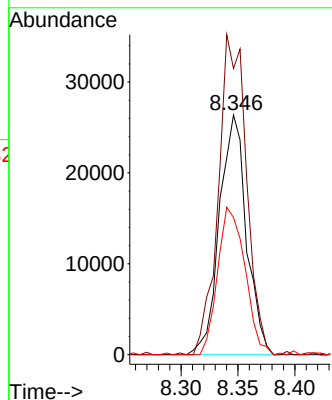
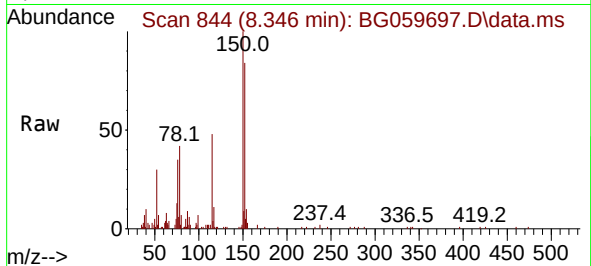




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.346 min Scan# 84
Delta R.T. -0.008 min
Lab File: BG059697.D
Acq: 15 Nov 2023 13:04

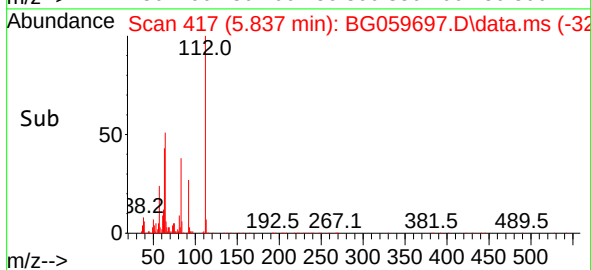
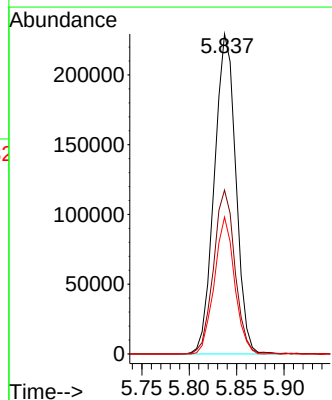
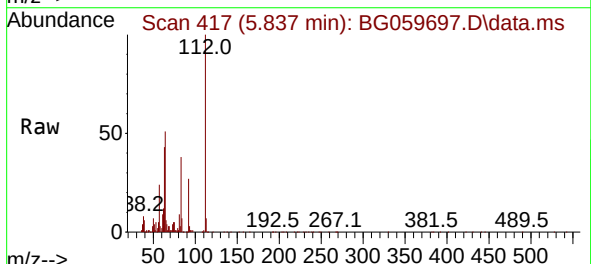
Instrument :
BNA_G
ClientSampleId :
TP-2

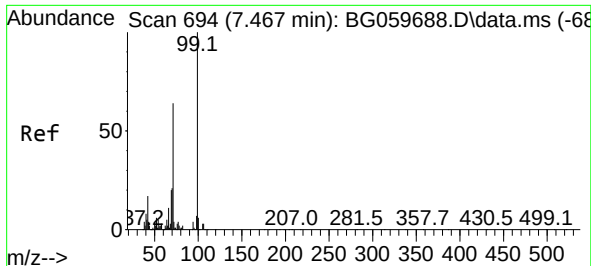
Tgt Ion:152 Resp: 43520
Ion Ratio Lower Upper
152 100
150 119.3 113.9 170.9
115 57.3 59.4 89.2#



#5
2-Fluorophenol
Concen: 143.352 ng
RT: 5.837 min Scan# 417
Delta R.T. -0.002 min
Lab File: BG059697.D
Acq: 15 Nov 2023 13:04

Tgt Ion:112 Resp: 361366
Ion Ratio Lower Upper
112 100
64 51.2 39.0 58.6
63 42.8 29.8 44.6

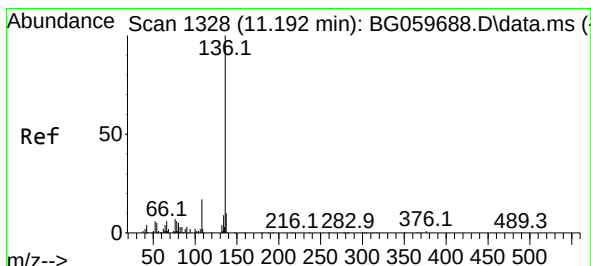
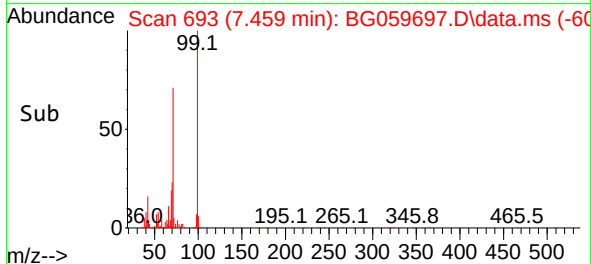
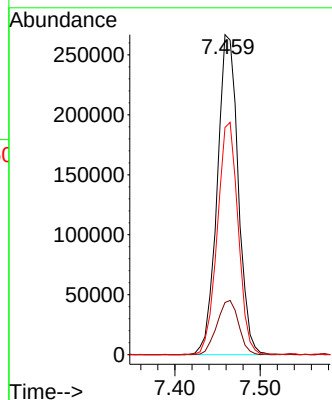
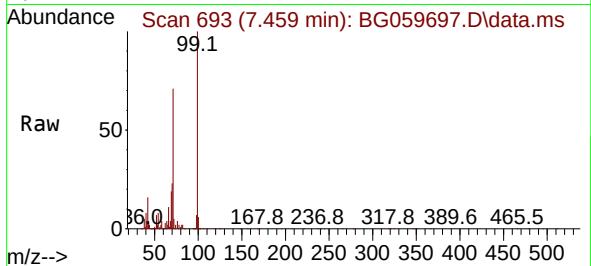




#7
Phenol-d6
Concen: 119.780 ng
RT: 7.459 min Scan# 693
Delta R.T. -0.008 min
Lab File: BG059697.D
Acq: 15 Nov 2023 13:04

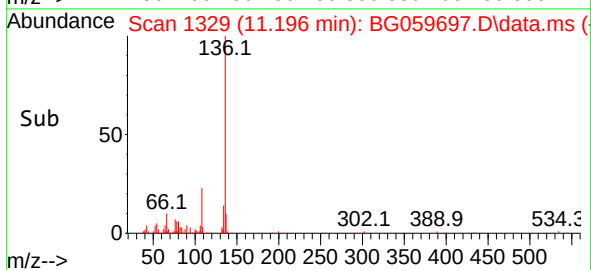
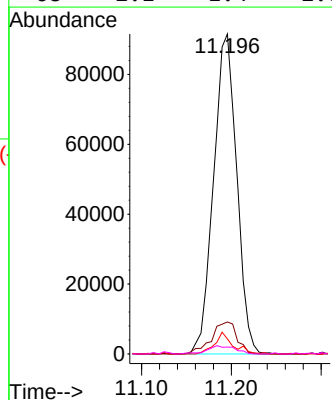
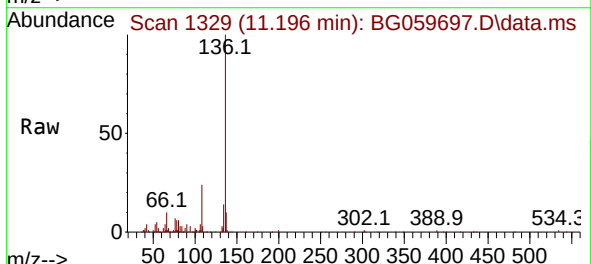
Instrument :
BNA_G
ClientSampleId :
TP-2

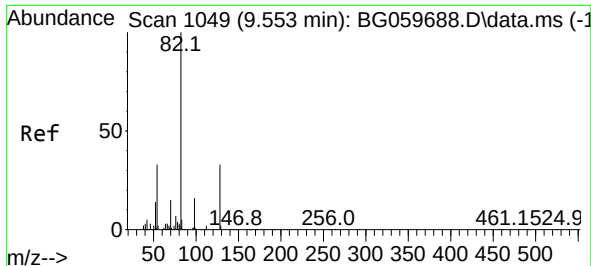
Tgt Ion: 99 Resp: 456307
Ion Ratio Lower Upper
99 100
42 16.3 13.2 19.8
71 71.0 51.3 76.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.196 min Scan# 1329
Delta R.T. 0.004 min
Lab File: BG059697.D
Acq: 15 Nov 2023 13:04

Tgt Ion:136 Resp: 163924
Ion Ratio Lower Upper
136 100
137 10.0 7.7 11.5
54 4.7 4.2 6.2
68 2.1 1.4 2.0#





#23

Nitrobenzene-d5

Concen: 117.756 ng

RT: 9.545 min Scan# 1048

Delta R.T. -0.008 min

Lab File: BG059697.D

Acq: 15 Nov 2023 13:04

Instrument :

BNA_G

ClientSampleId :

TP-2

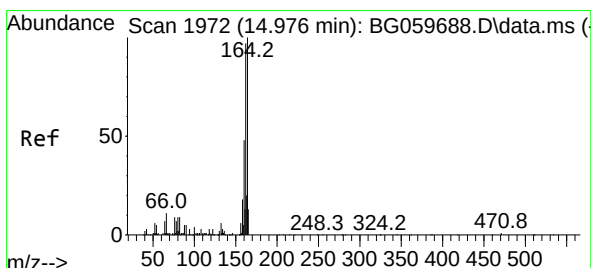
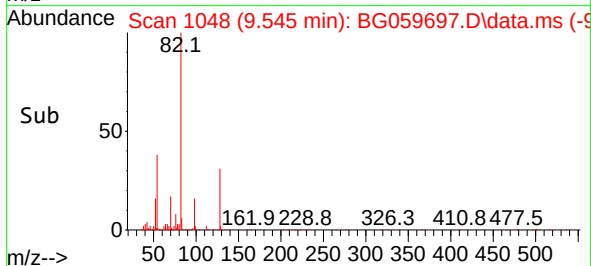
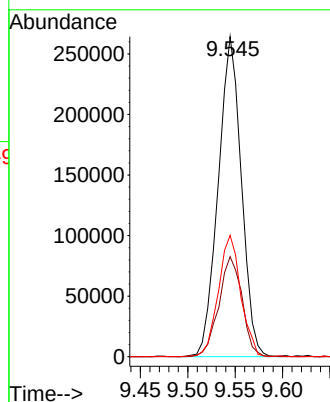
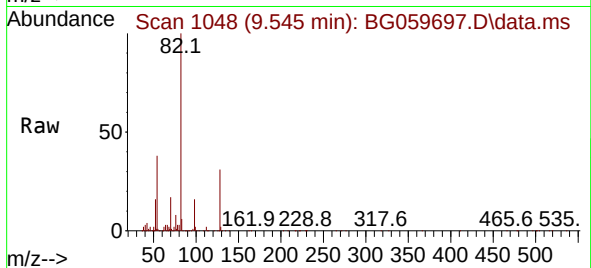
Tgt Ion: 82 Resp: 449017

Ion Ratio Lower Upper

82 100

128 31.3 26.3 39.5

54 37.9 26.6 39.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.974 min Scan# 1972

Delta R.T. -0.003 min

Lab File: BG059697.D

Acq: 15 Nov 2023 13:04

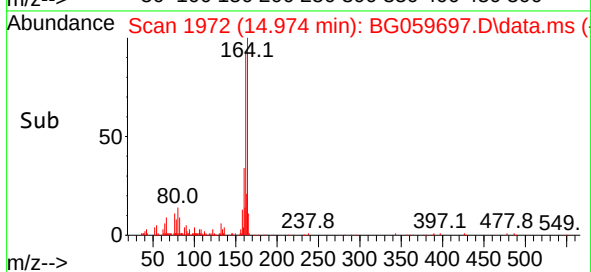
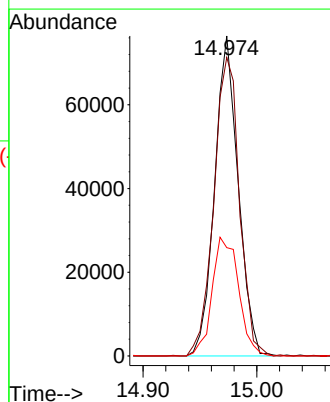
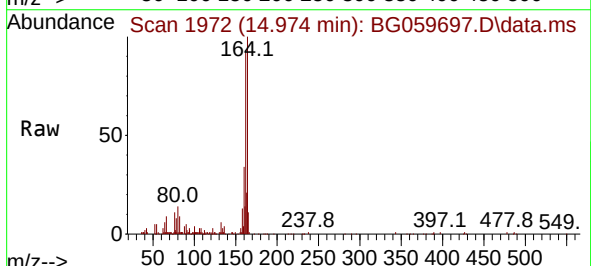
Tgt Ion:164 Resp: 110142

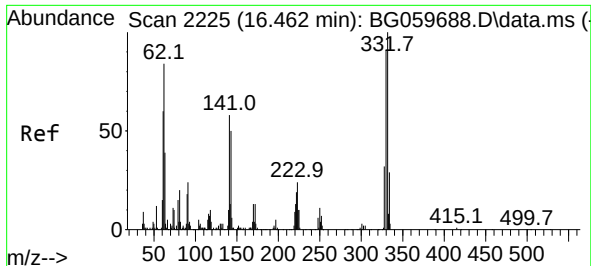
Ion Ratio Lower Upper

164 100

162 93.3 77.8 116.6

160 33.8 38.0 57.0#

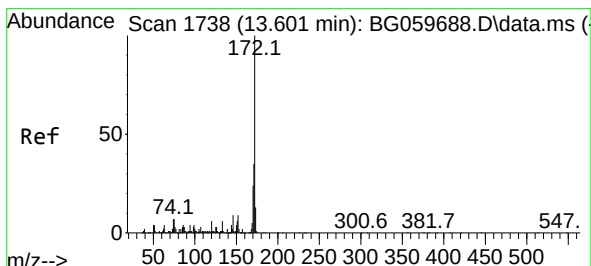
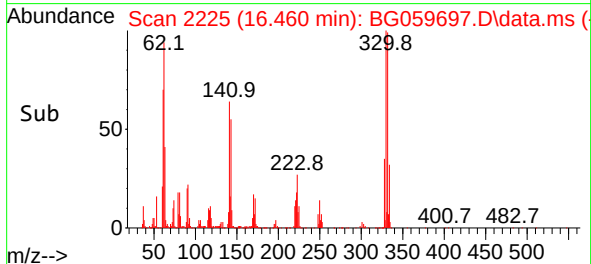
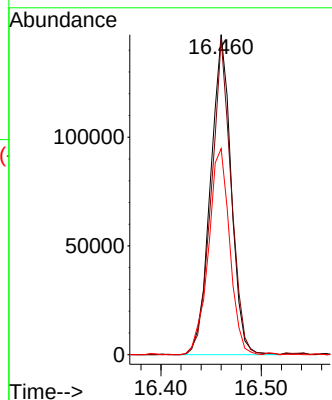
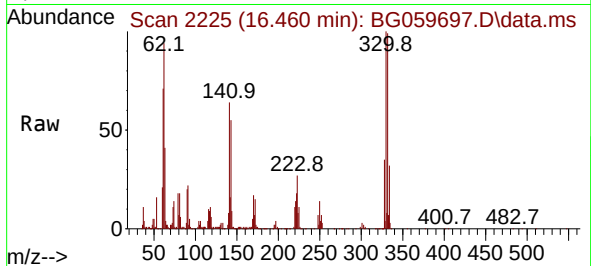




#42
2,4,6-Tribromophenol
Concen: 168.749 ng
RT: 16.460 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG059697.D
Acq: 15 Nov 2023 13:04

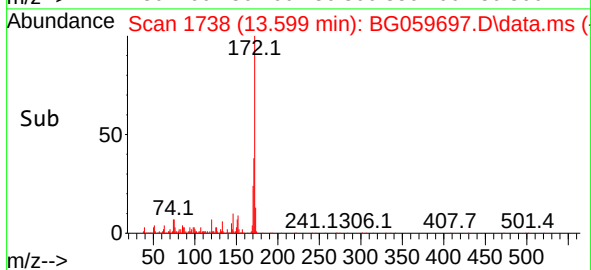
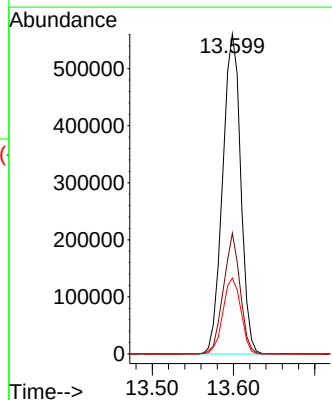
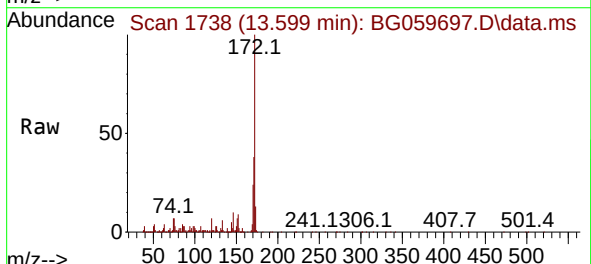
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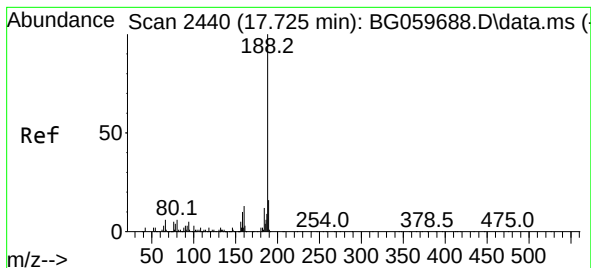
Tgt Ion:330 Resp: 209758
Ion Ratio Lower Upper
330 100
332 95.1 80.7 121.1
141 66.3 51.0 76.6



#45
2-Fluorobiphenyl
Concen: 106.190 ng
RT: 13.599 min Scan# 1738
Delta R.T. -0.002 min
Lab File: BG059697.D
Acq: 15 Nov 2023 13:04

Tgt Ion:172 Resp: 867518
Ion Ratio Lower Upper
172 100
171 37.7 27.9 41.9
170 23.7 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.723 min Scan# 2440

Delta R.T. -0.002 min

Lab File: BG059697.D

Acq: 15 Nov 2023 13:04

Instrument :

BNA_G

ClientSampleId :

TP-2

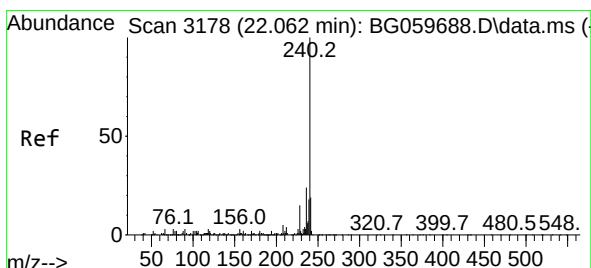
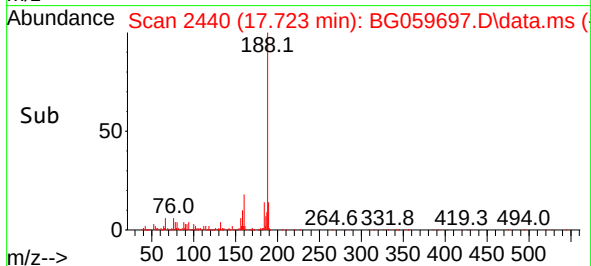
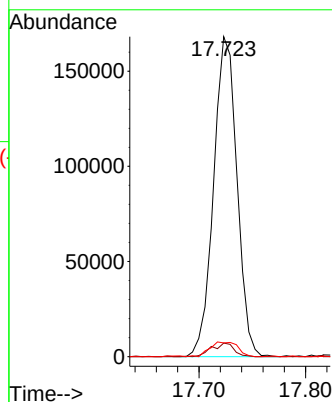
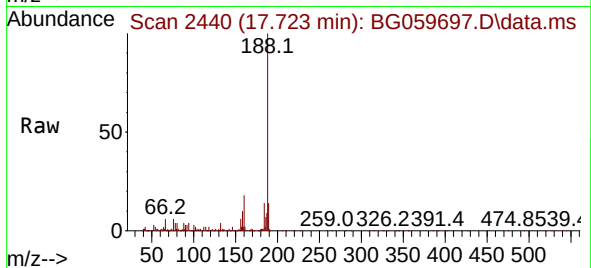
Tgt Ion:188 Resp: 255868

Ion Ratio Lower Upper

188 100

94 4.2 3.9 5.9

80 4.3 4.5 6.7#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.053 min Scan# 3177

Delta R.T. -0.008 min

Lab File: BG059697.D

Acq: 15 Nov 2023 13:04

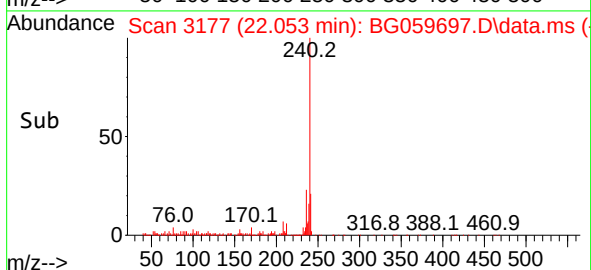
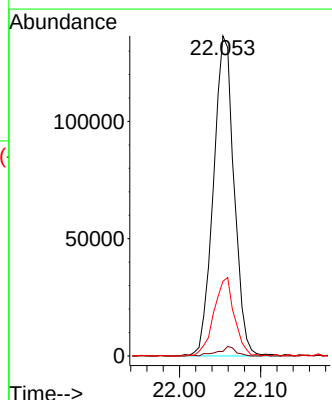
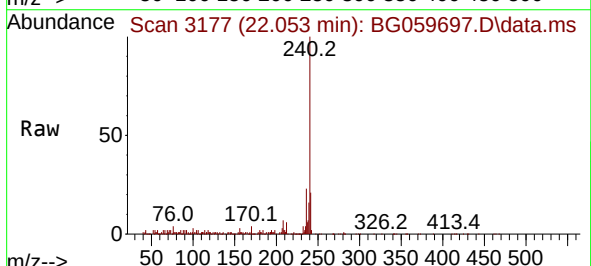
Tgt Ion:240 Resp: 240788

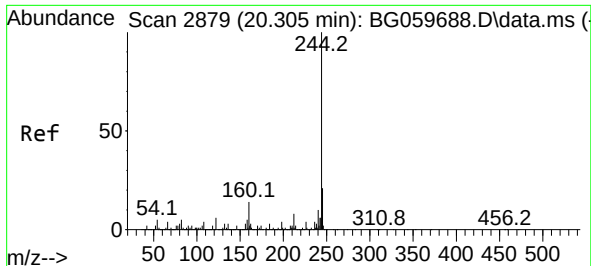
Ion Ratio Lower Upper

240 100

120 2.3 2.6 3.8#

236 23.4 19.4 29.0

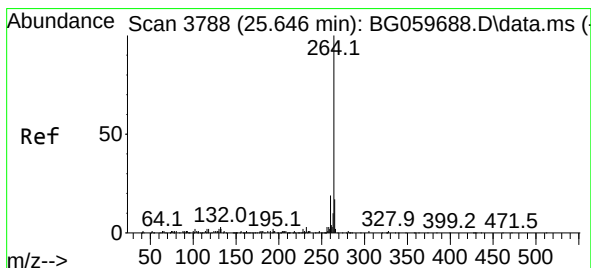
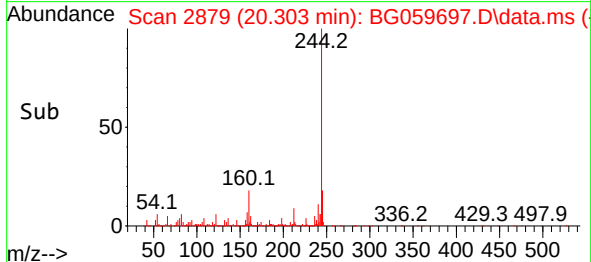
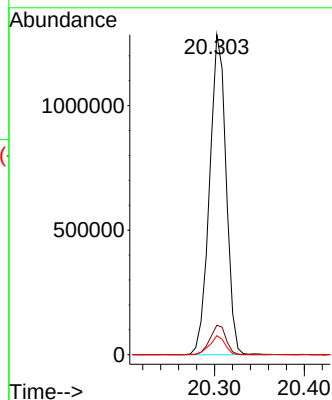
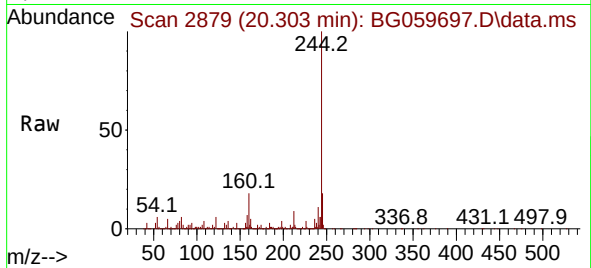




#79
 Terphenyl-d14
 Concen: 140.766 ng
 RT: 20.303 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG059697.D
 Acq: 15 Nov 2023 13:04

Instrument :
 BNA_G
 ClientSampleId :
 TP-2

Tgt Ion:244 Resp: 1642823
 Ion Ratio Lower Upper
 244 100
 212 9.2 6.6 9.8
 122 6.0 4.6 6.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.643 min Scan# 3788
 Delta R.T. -0.002 min
 Lab File: BG059697.D
 Acq: 15 Nov 2023 13:04

Tgt Ion:264 Resp: 100444
 Ion Ratio Lower Upper
 264 100
 260 23.4 15.6 23.4#
 265 14.7 13.4 20.2

