

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112423\
 Data File : BG059886.D
 Acq On : 25 Nov 2023 11:15
 Operator : MA/JU
 Sample : 05366-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P-14(10-15)

Quant Time: Nov 27 03:20:06 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 24 15:11:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.314	152	25505	20.000	ng	0.00
21) Naphthalene-d8	11.164	136	112550	20.000	ng	# 0.00
39) Acenaphthene-d10	14.948	164	82402	20.000	ng	# 0.00
64) Phenanthrene-d10	17.697	188	176385	20.000	ng	#-0.01
76) Chrysene-d12	22.016	240	134852	20.000	ng	#-0.02
86) Perylene-d12	25.588	264	159753	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.811	112	147383	97.262	ng	0.00
7) Phenol-d6	7.439	99	206127	91.793	ng	0.00
23) Nitrobenzene-d5	9.513	82	182257	61.846	ng	-0.01
42) 2,4,6-Tribromophenol	16.434	330	93824	100.352	ng	0.00
45) 2-Fluorobiphenyl	13.573	172	369533	60.364	ng	0.00
79) Terphenyl-d14	20.271	244	561631	61.483	ng	-0.01

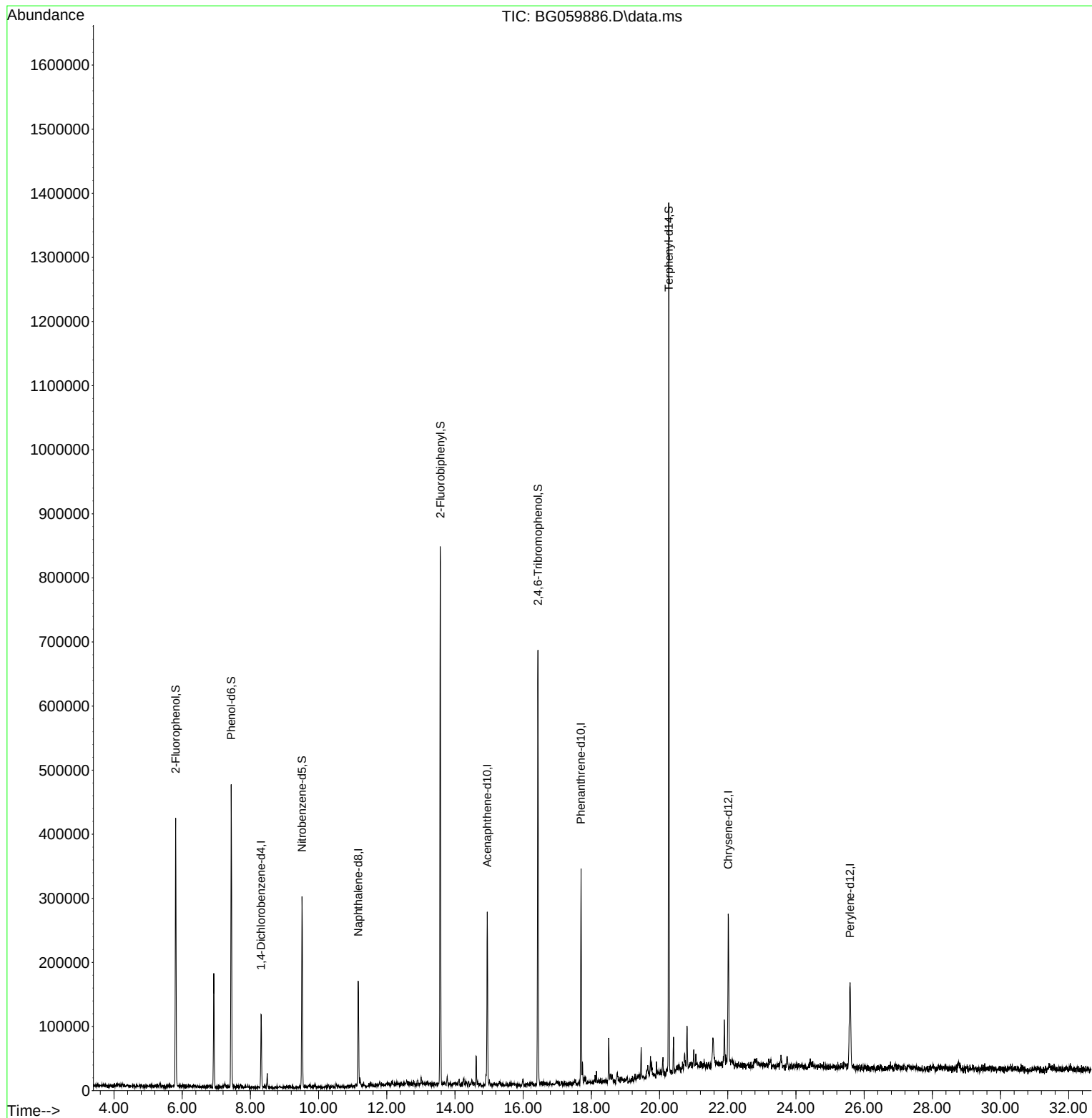
Target Compounds	Qvalue

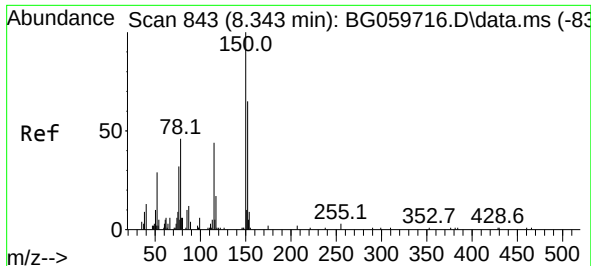
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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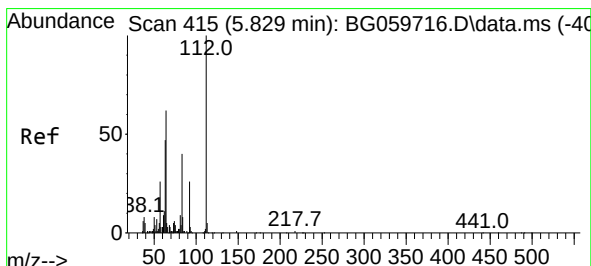
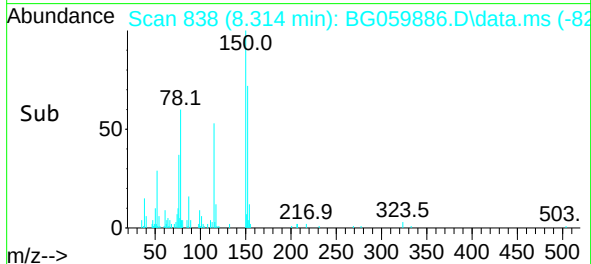
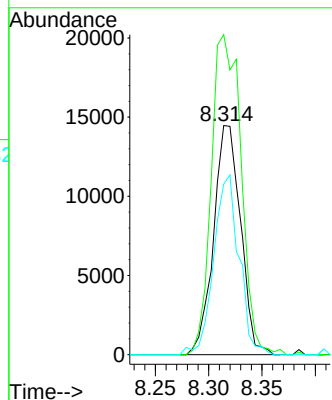
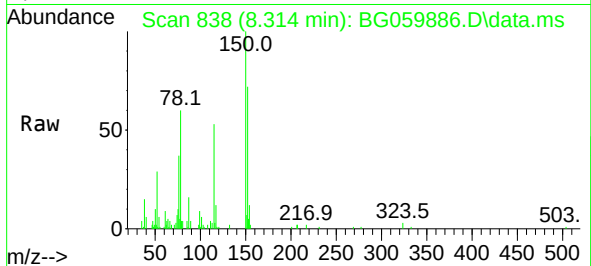




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.314 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG059886.D
Acq: 25 Nov 2023 11:15

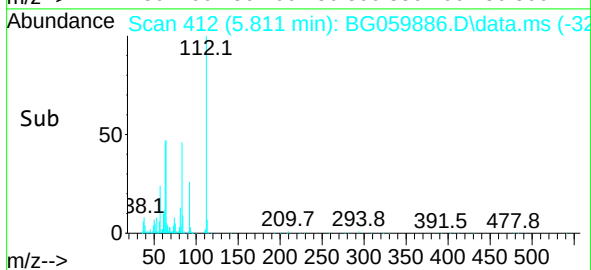
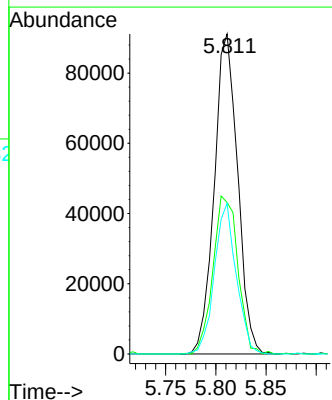
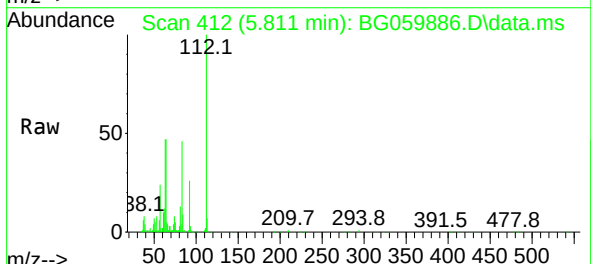
Instrument :
BNA_G
ClientSampleId :
P-14(10-15)

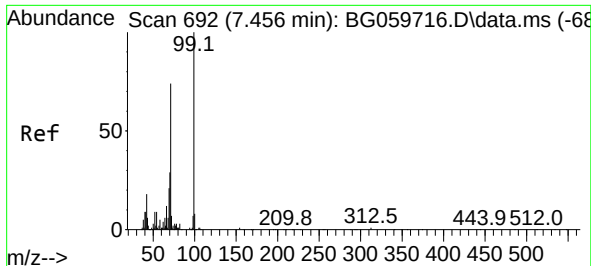
Tgt Ion:152 Resp: 25505
Ion Ratio Lower Upper
152 100
150 139.7 122.2 183.4
115 74.5 54.2 81.4



#5
2-Fluorophenol
Concen: 97.262 ng
RT: 5.811 min Scan# 412
Delta R.T. -0.001 min
Lab File: BG059886.D
Acq: 25 Nov 2023 11:15

Tgt Ion:112 Resp: 147383
Ion Ratio Lower Upper
112 100
64 47.3 49.5 74.3#
63 47.0 37.4 56.2

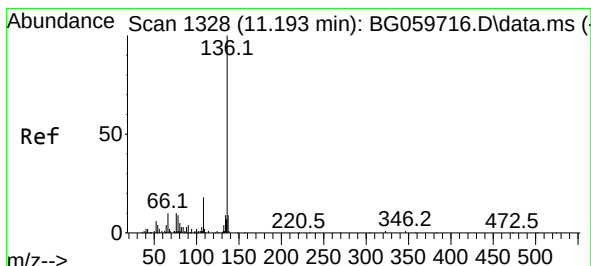
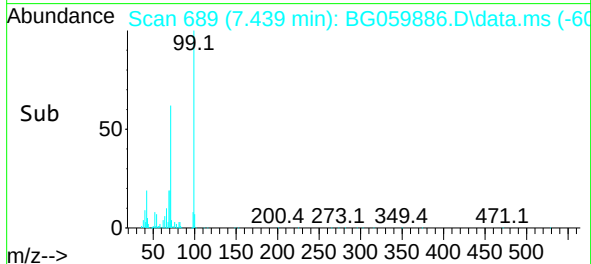
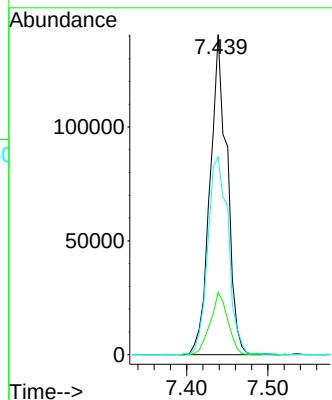
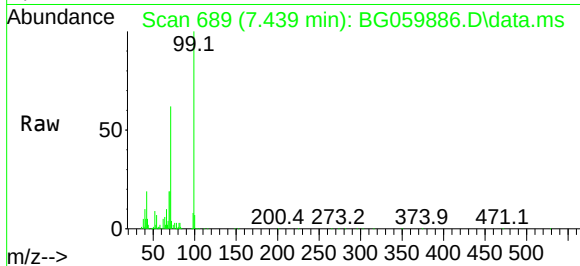




#7
Phenol-d6
Concen: 91.793 ng
RT: 7.439 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG059886.D
Acq: 25 Nov 2023 11:15

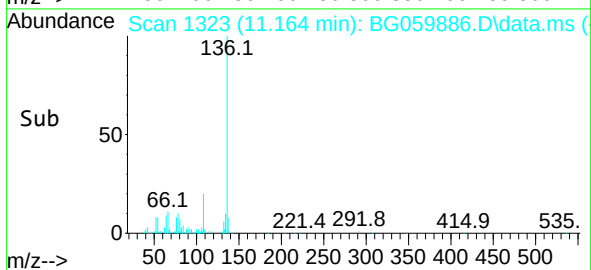
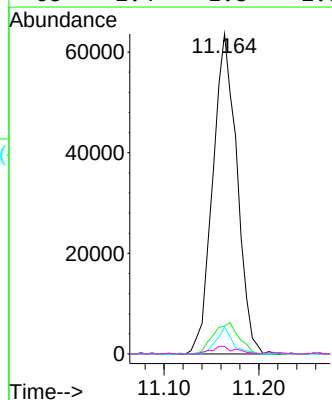
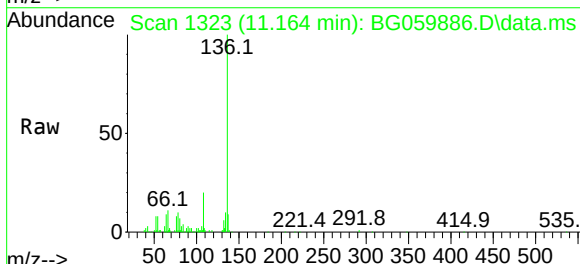
Instrument :
BNA_G
ClientSampleId :
P-14(10-15)

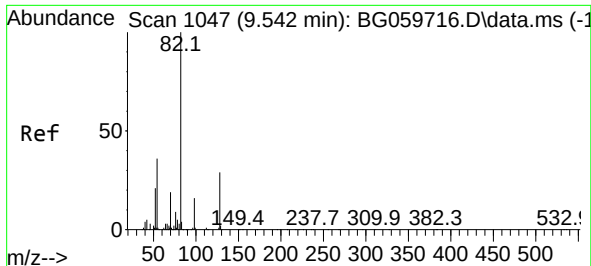
Tgt Ion: 99 Resp: 206127
Ion Ratio Lower Upper
99 100
42 19.5 14.3 21.5
71 61.7 59.3 88.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.164 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BG059886.D
Acq: 25 Nov 2023 11:15

Tgt Ion:136 Resp: 112550
Ion Ratio Lower Upper
136 100
137 8.7 7.4 11.0
54 8.4 3.1 4.7#
68 2.4 1.8 2.8





#23

Nitrobenzene-d5

Concen: 61.846 ng

RT: 9.513 min Scan# 1042

Delta R.T. -0.012 min

Lab File: BG059886.D

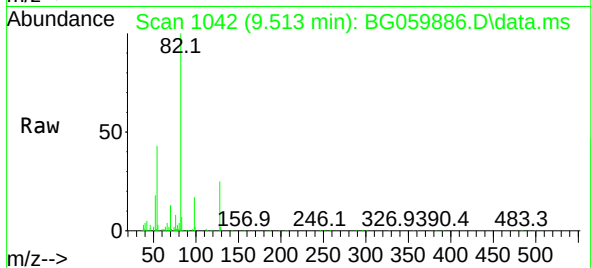
Acq: 25 Nov 2023 11:15

Instrument :

BNA_G

ClientSampleId :

P-14(10-15)



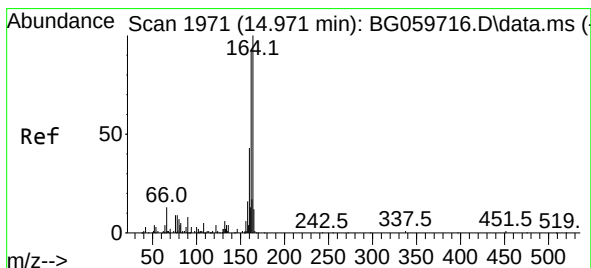
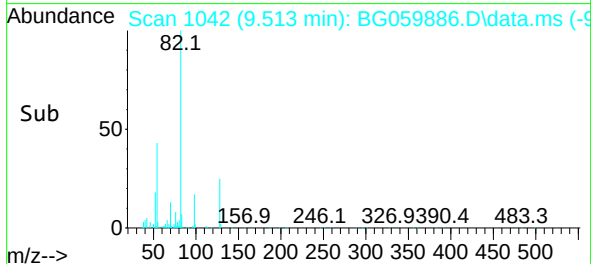
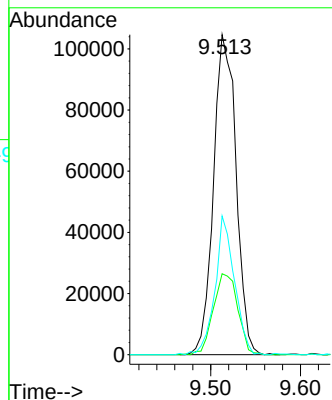
Tgt Ion: 82 Resp: 182257

Ion Ratio Lower Upper

82 100

128 25.3 23.0 34.6

54 43.3 28.7 43.1#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.948 min Scan# 1967

Delta R.T. -0.006 min

Lab File: BG059886.D

Acq: 25 Nov 2023 11:15

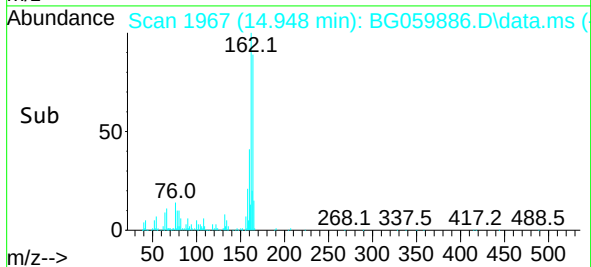
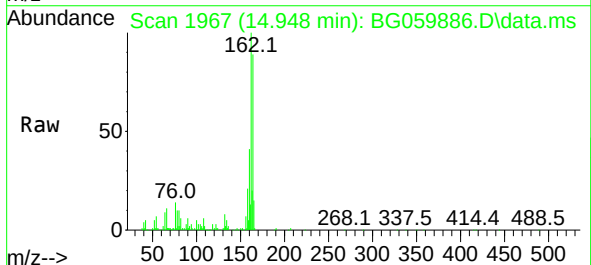
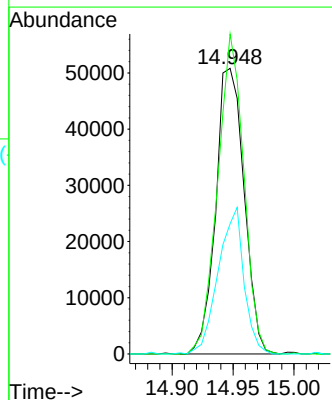
Tgt Ion:164 Resp: 82402

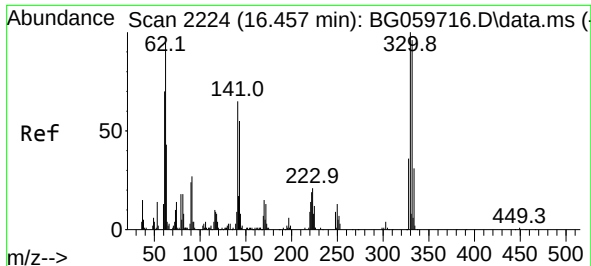
Ion Ratio Lower Upper

164 100

162 112.1 73.3 109.9#

160 45.6 34.1 51.1

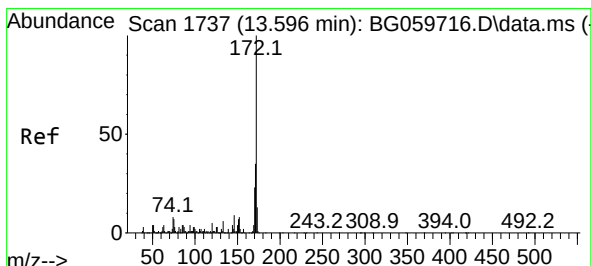
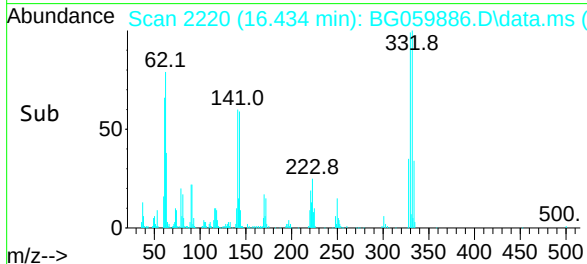
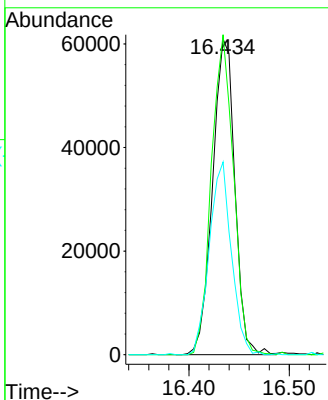
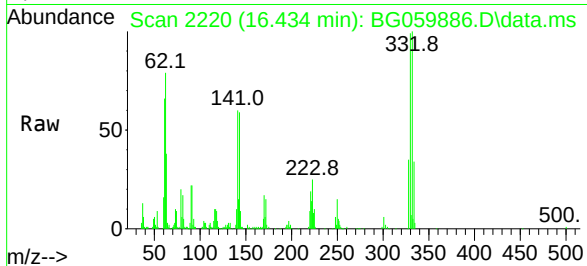




#42
2,4,6-Tribromophenol
Concen: 100.352 ng
RT: 16.434 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG059886.D
Acq: 25 Nov 2023 11:15

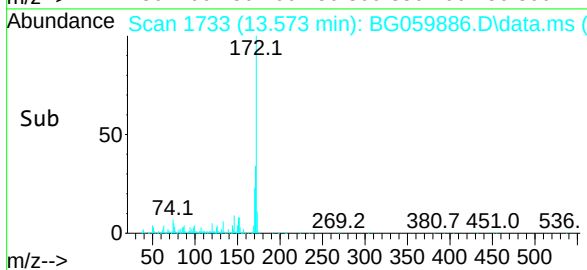
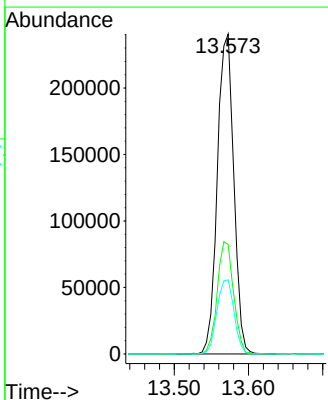
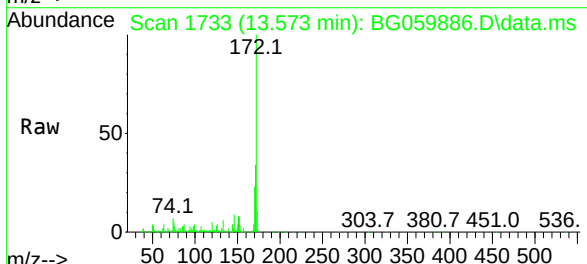
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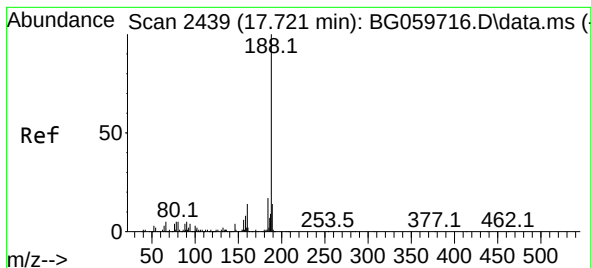
Tgt Ion:330 Resp: 93824
Ion Ratio Lower Upper
330 100
332 100.1 73.3 109.9
141 60.5 52.1 78.1



#45
2-Fluorobiphenyl
Concen: 60.364 ng
RT: 13.573 min Scan# 1733
Delta R.T. -0.006 min
Lab File: BG059886.D
Acq: 25 Nov 2023 11:15

Tgt Ion:172 Resp: 369533
Ion Ratio Lower Upper
172 100
171 34.2 27.7 41.5
170 23.2 18.4 27.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.697 min Scan# 24

Delta R.T. -0.012 min

Lab File: BG059886.D

Acq: 25 Nov 2023 11:15

Instrument :

BNA_G

ClientSampleId :

P-14(10-15)

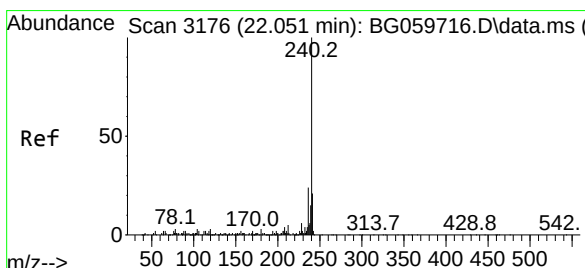
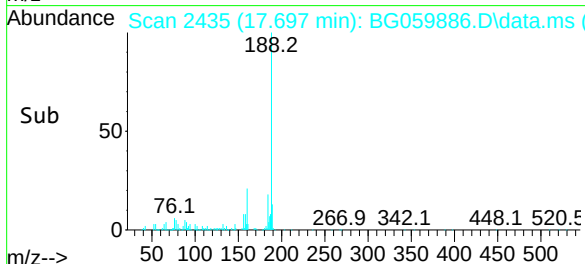
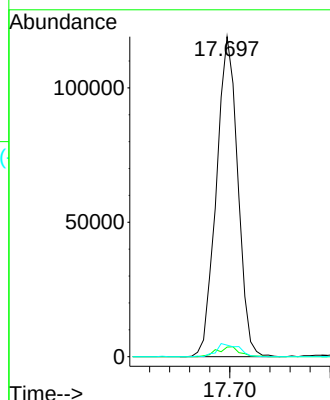
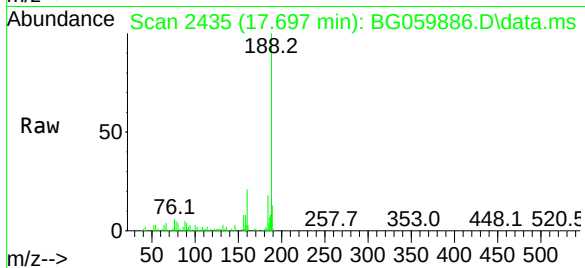
Tgt Ion:188 Resp: 176385

Ion Ratio Lower Upper

188 100

94 3.0 3.0 4.4

80 3.6 4.2 6.4#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.016 min Scan# 3170

Delta R.T. -0.018 min

Lab File: BG059886.D

Acq: 25 Nov 2023 11:15

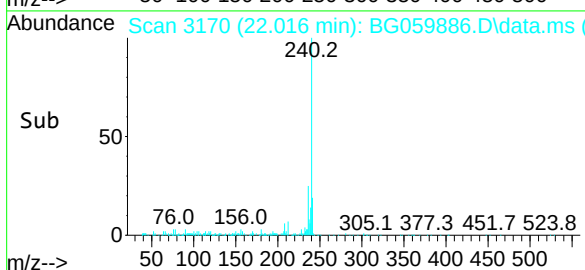
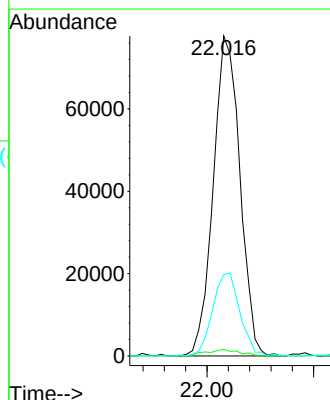
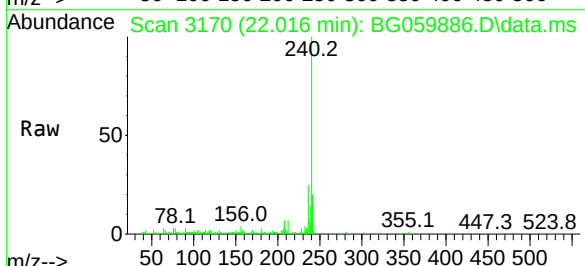
Tgt Ion:240 Resp: 134852

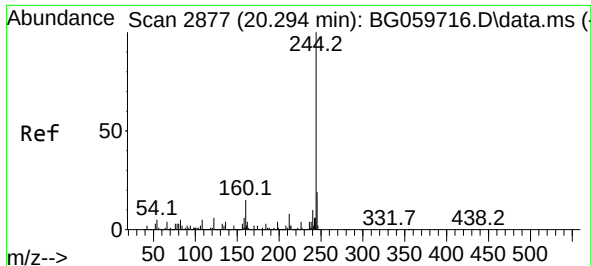
Ion Ratio Lower Upper

240 100

120 2.1 2.2 3.2#

236 25.4 19.4 29.2

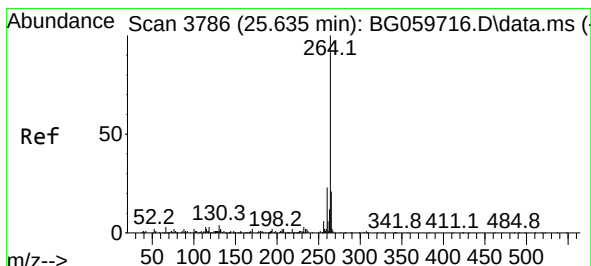
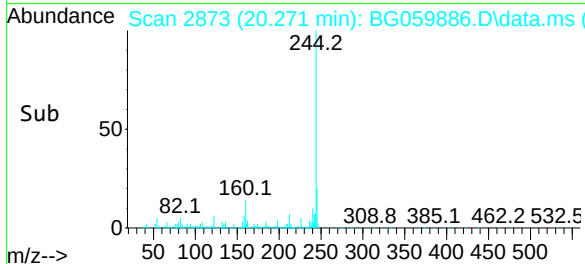
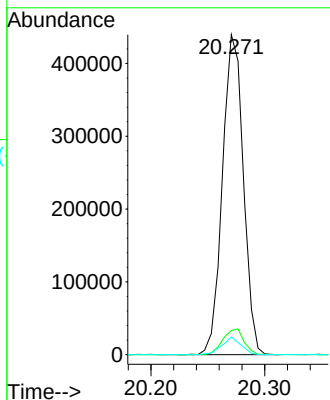
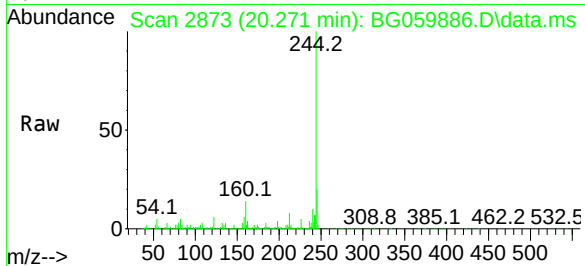




#79
 Terphenyl-d14
 Concen: 61.483 ng
 RT: 20.271 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BG059886.D
 Acq: 25 Nov 2023 11:15

Instrument :
 BNA_G
 ClientSampleId :
 P-14(10-15)

Tgt Ion:244 Resp: 561631
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.6 10.0
 122 5.5 4.4 6.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.588 min Scan# 3778
 Delta R.T. -0.024 min
 Lab File: BG059886.D
 Acq: 25 Nov 2023 11:15

Tgt Ion:264 Resp: 159753
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.5 27.7
 265 18.5 17.0 25.6

