

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112423\
 Data File : BG059871.D
 Acq On : 24 Nov 2023 23:45
 Operator : MA/JU
 Sample : 05408-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 710-ELIZABETH-AVE

Quant Time: Nov 25 01:04:12 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 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	8.317	152	28366	20.000	ng	0.00
21) Naphthalene-d8	11.166	136	131789	20.000	ng	# 0.00
39) Acenaphthene-d10	14.944	164	131491	20.000	ng	0.00
64) Phenanthrene-d10	17.700	188	316952	20.000	ng	0.00
76) Chrysene-d12	22.018	240	243140	20.000	ng	#-0.02
86) Perylene-d12	25.585	264	265702	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.808	112	126953	75.329	ng	0.00
7) Phenol-d6	7.441	99	170881	68.422	ng	0.00
23) Nitrobenzene-d5	9.510	82	161278	46.738	ng	-0.02
42) 2,4,6-Tribromophenol	16.437	330	156503	104.900	ng	0.00
45) 2-Fluorobiphenyl	13.570	172	527866	54.037	ng	0.00
79) Terphenyl-d14	20.273	244	1052723	63.917	ng	0.00

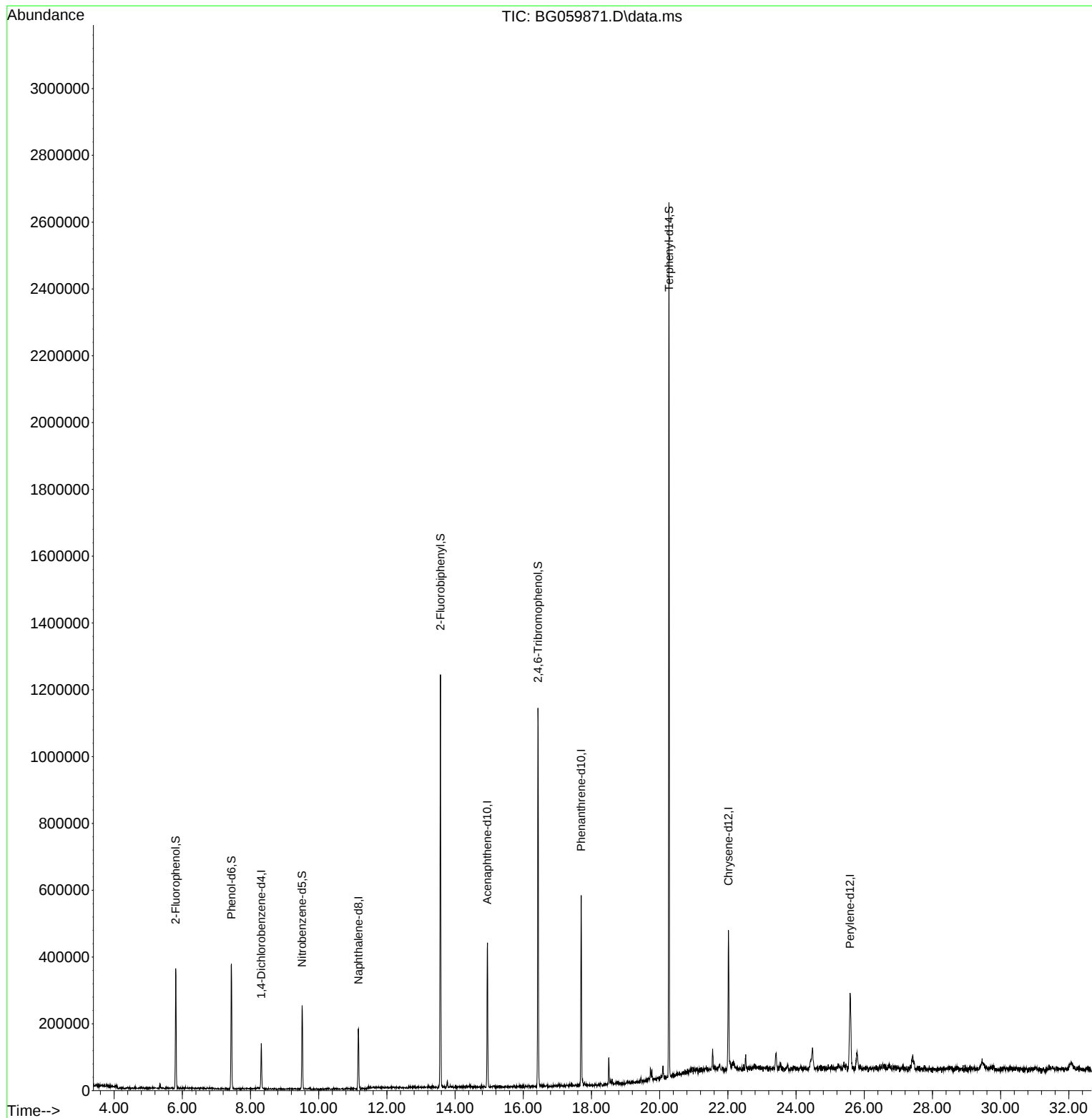
Target Compounds	Qvalue

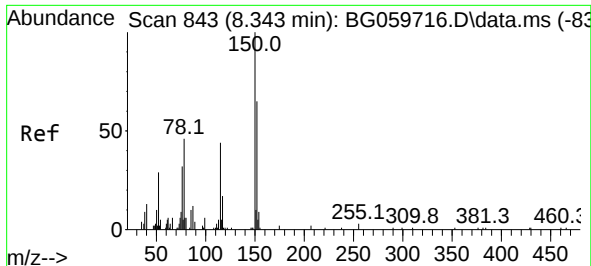
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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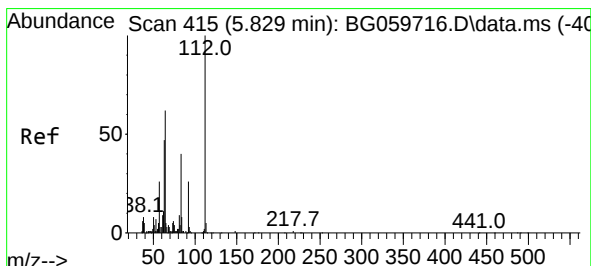
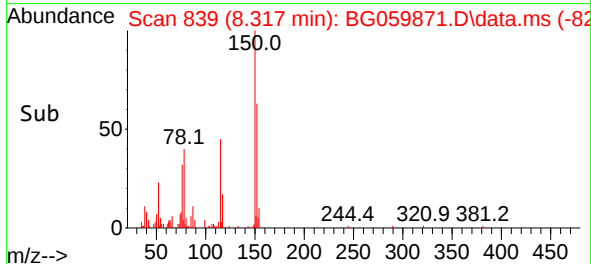
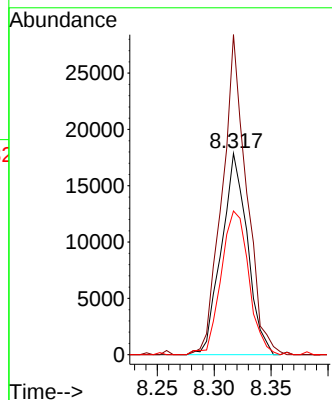
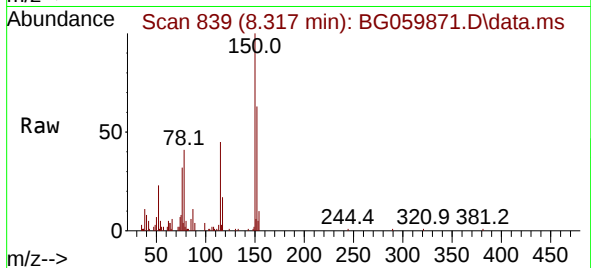




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.317 min Scan# 81
Delta R.T. 0.002 min
Lab File: BG059871.D
Acq: 24 Nov 2023 23:45

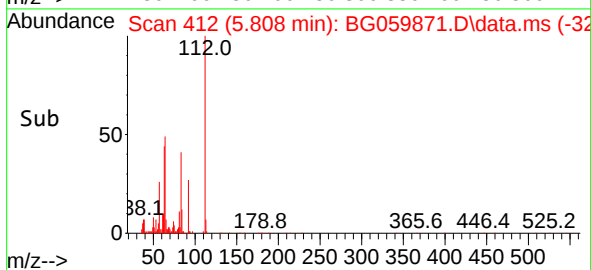
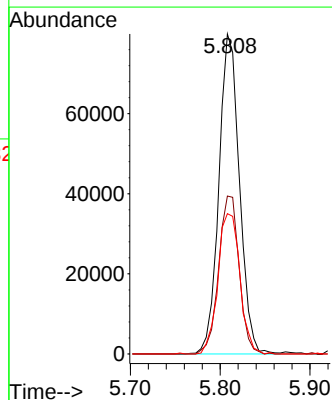
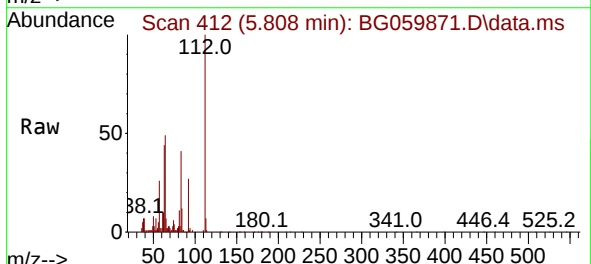
Instrument :
BNA_G
ClientSampleId :
710-ELIZABETH-AVE

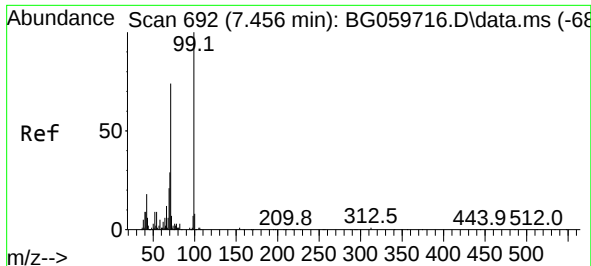
Tgt Ion:152 Resp: 28366
Ion Ratio Lower Upper
152 100
150 158.9 122.2 183.4
115 71.3 54.2 81.4



#5
2-Fluorophenol
Concen: 75.329 ng
RT: 5.808 min Scan# 412
Delta R.T. -0.004 min
Lab File: BG059871.D
Acq: 24 Nov 2023 23:45

Tgt Ion:112 Resp: 126953
Ion Ratio Lower Upper
112 100
64 49.4 49.5 74.3#
63 43.9 37.4 56.2

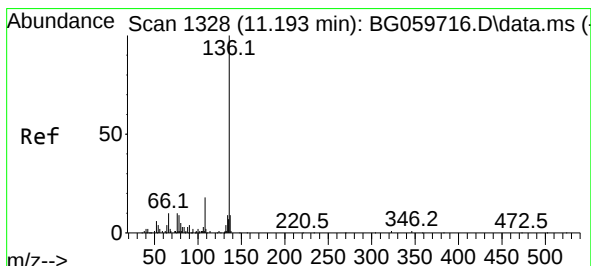
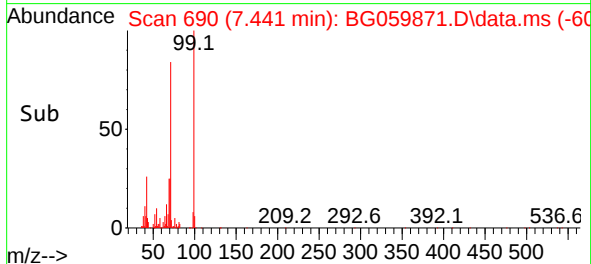
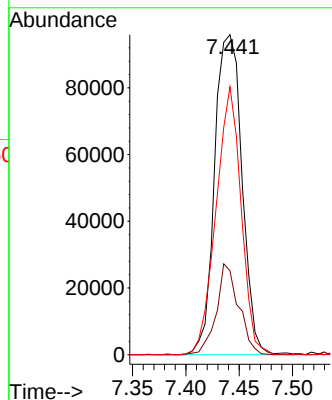
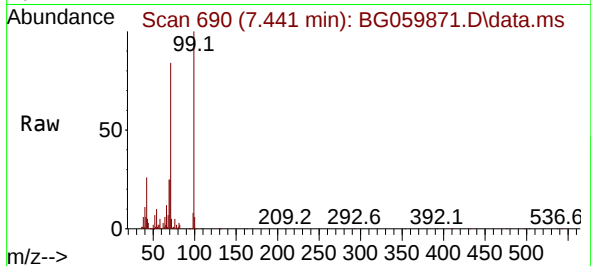




#7
Phenol-d6
Concen: 68.422 ng
RT: 7.441 min Scan# 692
Delta R.T. -0.004 min
Lab File: BG059871.D
Acq: 24 Nov 2023 23:45

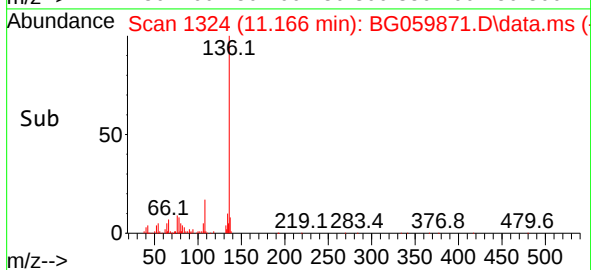
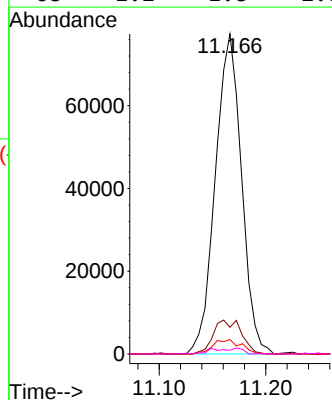
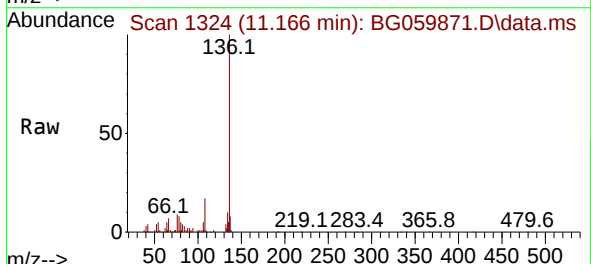
Instrument :
BNA_G
ClientSampleId :
710-ELIZABETH-AVE

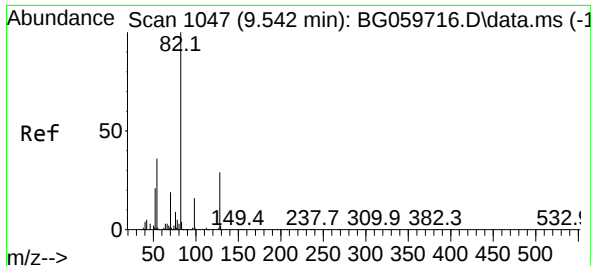
Tgt Ion: 99 Resp: 170881
Ion Ratio Lower Upper
99 100
42 26.2 14.3 21.5#
71 83.7 59.3 88.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.166 min Scan# 1324
Delta R.T. -0.004 min
Lab File: BG059871.D
Acq: 24 Nov 2023 23:45

Tgt Ion: 136 Resp: 131789
Ion Ratio Lower Upper
136 100
137 8.3 7.4 11.0
54 4.5 3.1 4.7
68 1.2 1.8 2.8#

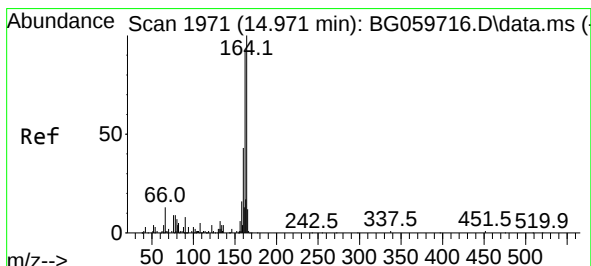
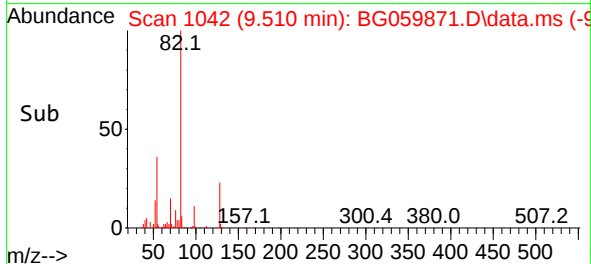
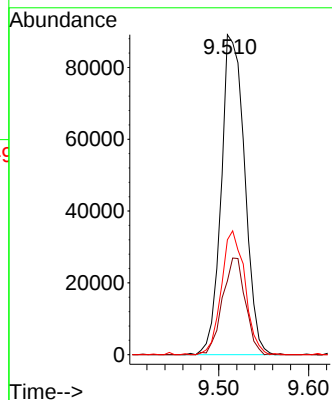
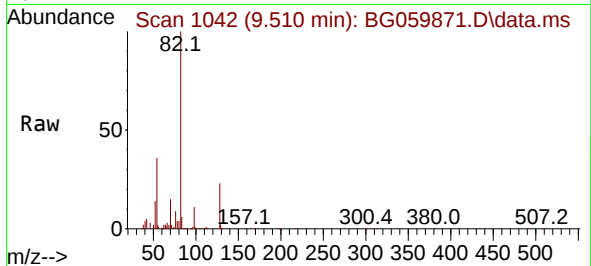




#23
Nitrobenzene-d5
Concen: 46.738 ng
RT: 9.510 min Scan# 1042
Delta R.T. -0.015 min
Lab File: BG059871.D
Acq: 24 Nov 2023 23:45

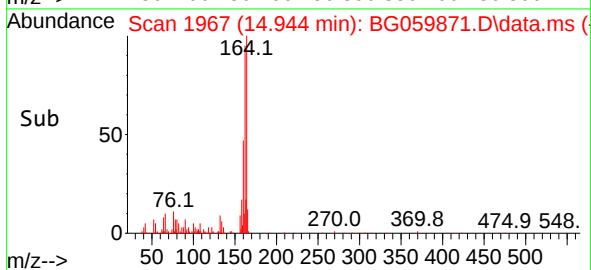
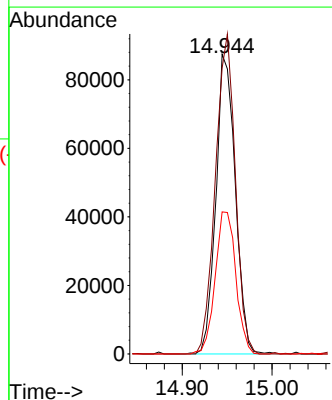
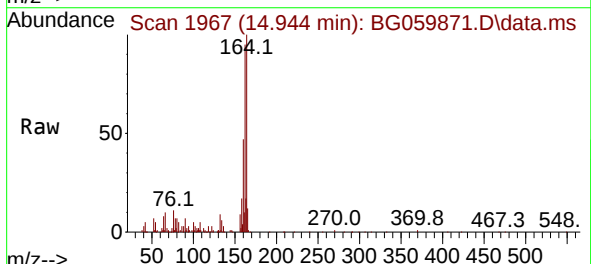
Instrument :
BNA_G
ClientSampleId :
710-ELIZABETH-AVE

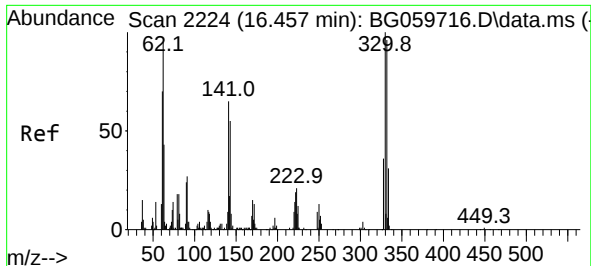
Tgt Ion: 82 Resp: 161278
Ion Ratio Lower Upper
82 100
128 23.1 23.0 34.6
54 35.9 28.7 43.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.944 min Scan# 1967
Delta R.T. -0.010 min
Lab File: BG059871.D
Acq: 24 Nov 2023 23:45

Tgt Ion:164 Resp: 131491
Ion Ratio Lower Upper
164 100
162 95.4 73.3 109.9
160 47.4 34.1 51.1

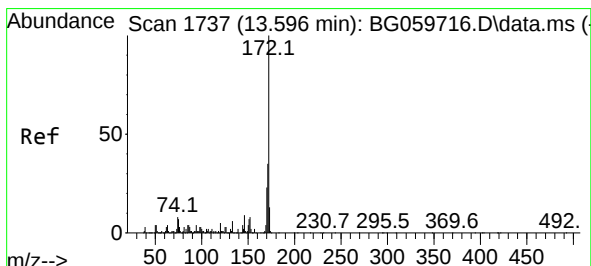
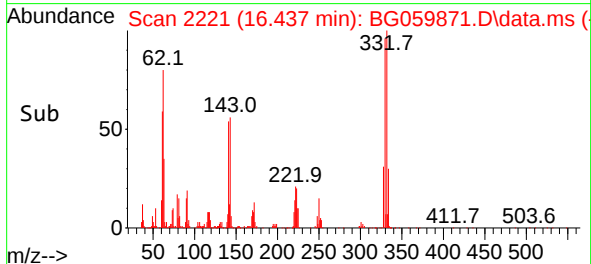
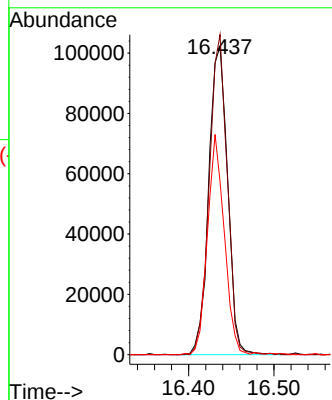
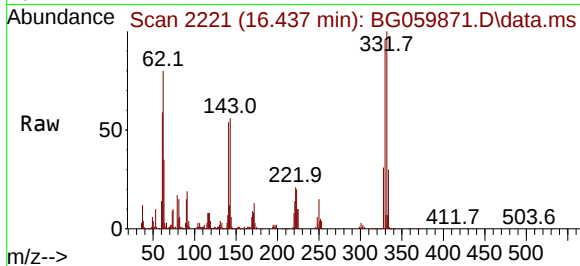




#42
2,4,6-Tribromophenol
Concen: 104.900 ng
RT: 16.437 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG059871.D
Acq: 24 Nov 2023 23:45

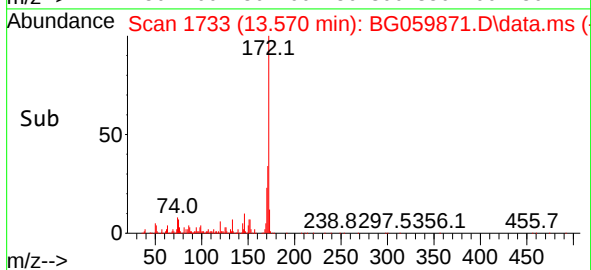
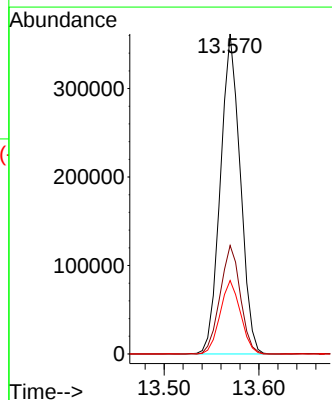
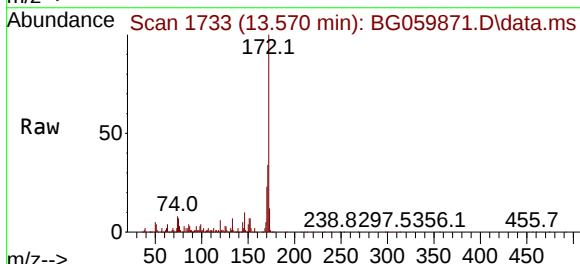
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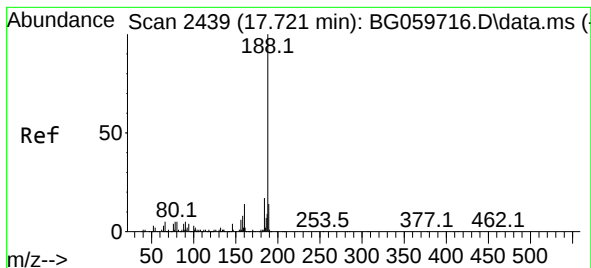
Tgt Ion:330 Resp: 156503
Ion Ratio Lower Upper
330 100
332 99.2 73.3 109.9
141 64.0 52.1 78.1



#45
2-Fluorobiphenyl
Concen: 54.037 ng
RT: 13.570 min Scan# 1733
Delta R.T. -0.010 min
Lab File: BG059871.D
Acq: 24 Nov 2023 23:45

Tgt Ion:172 Resp: 527866
Ion Ratio Lower Upper
172 100
171 33.9 27.7 41.5
170 23.0 18.4 27.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.700 min Scan# 2439

Delta R.T. -0.010 min

Lab File: BG059871.D

Acq: 24 Nov 2023 23:45

Instrument :

BNA_G

ClientSampleId :

710-ELIZABETH-AVE

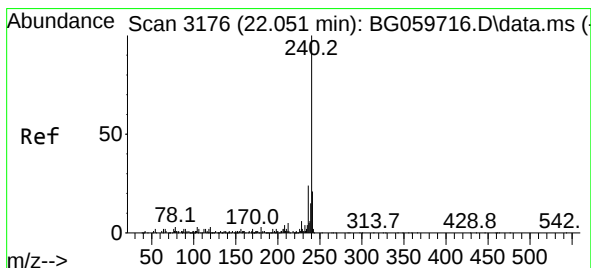
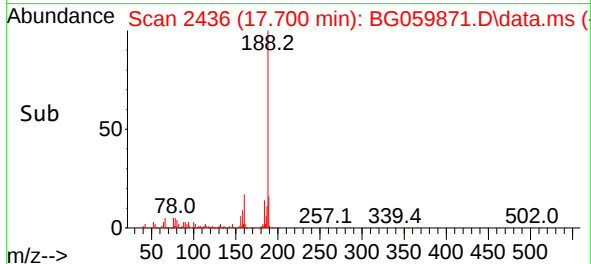
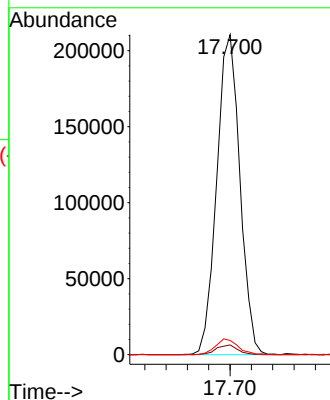
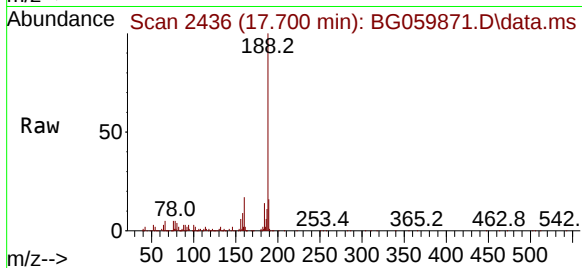
Tgt Ion:188 Resp: 316952

Ion Ratio Lower Upper

188 100

94 3.1 3.0 4.4

80 4.4 4.2 6.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.018 min Scan# 3171

Delta R.T. -0.015 min

Lab File: BG059871.D

Acq: 24 Nov 2023 23:45

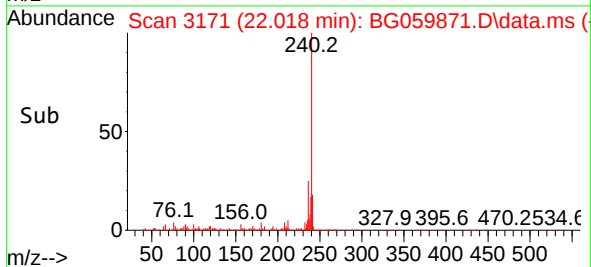
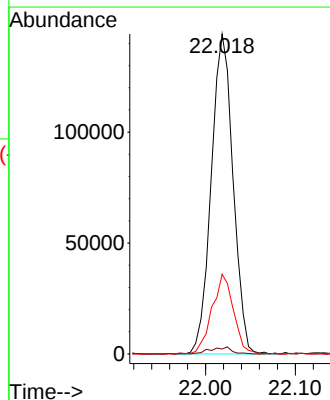
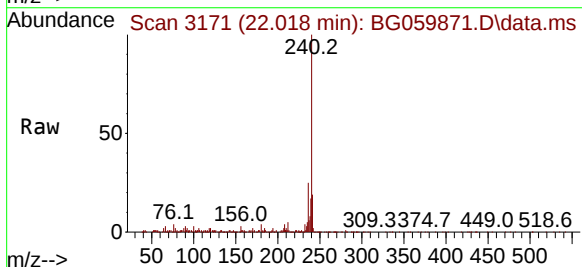
Tgt Ion:240 Resp: 243140

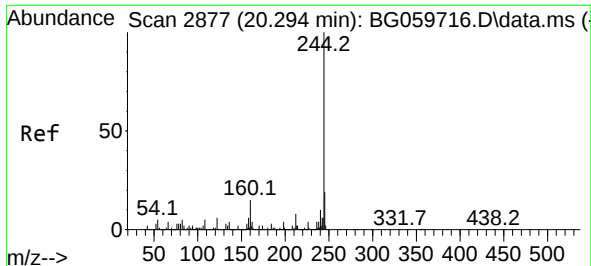
Ion Ratio Lower Upper

240 100

120 1.5 2.2 3.2#

236 24.9 19.4 29.2

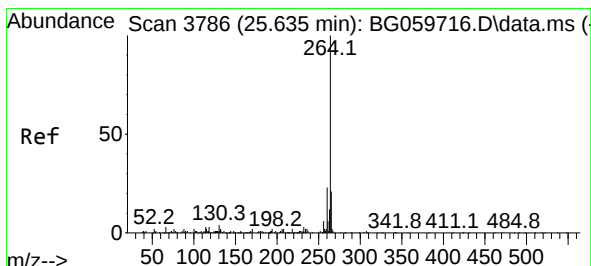
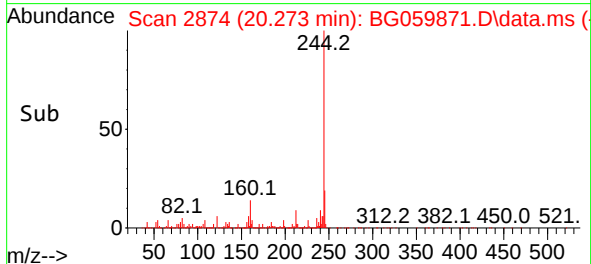
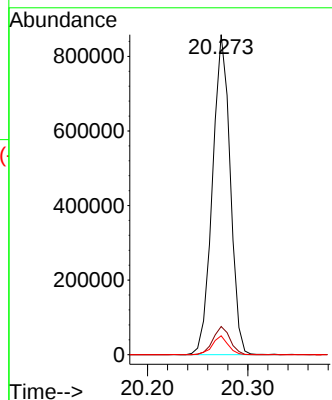
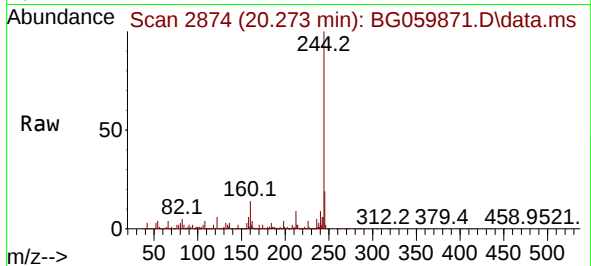




#79
 Terphenyl-d14
 Concen: 63.917 ng
 RT: 20.273 min Scan# 21
 Delta R.T. -0.010 min
 Lab File: BG059871.D
 Acq: 24 Nov 2023 23:45

Instrument :
 BNA_G
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 710-ELIZABETH-AVE

Tgt Ion:244 Resp: 1052723
 Ion Ratio Lower Upper
 244 100
 212 8.8 6.6 10.0
 122 5.9 4.4 6.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.585 min Scan# 3778
 Delta R.T. -0.027 min
 Lab File: BG059871.D
 Acq: 24 Nov 2023 23:45

Tgt Ion:264 Resp: 265702
 Ion Ratio Lower Upper
 264 100
 260 22.3 18.5 27.7
 265 19.7 17.0 25.6

