

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)

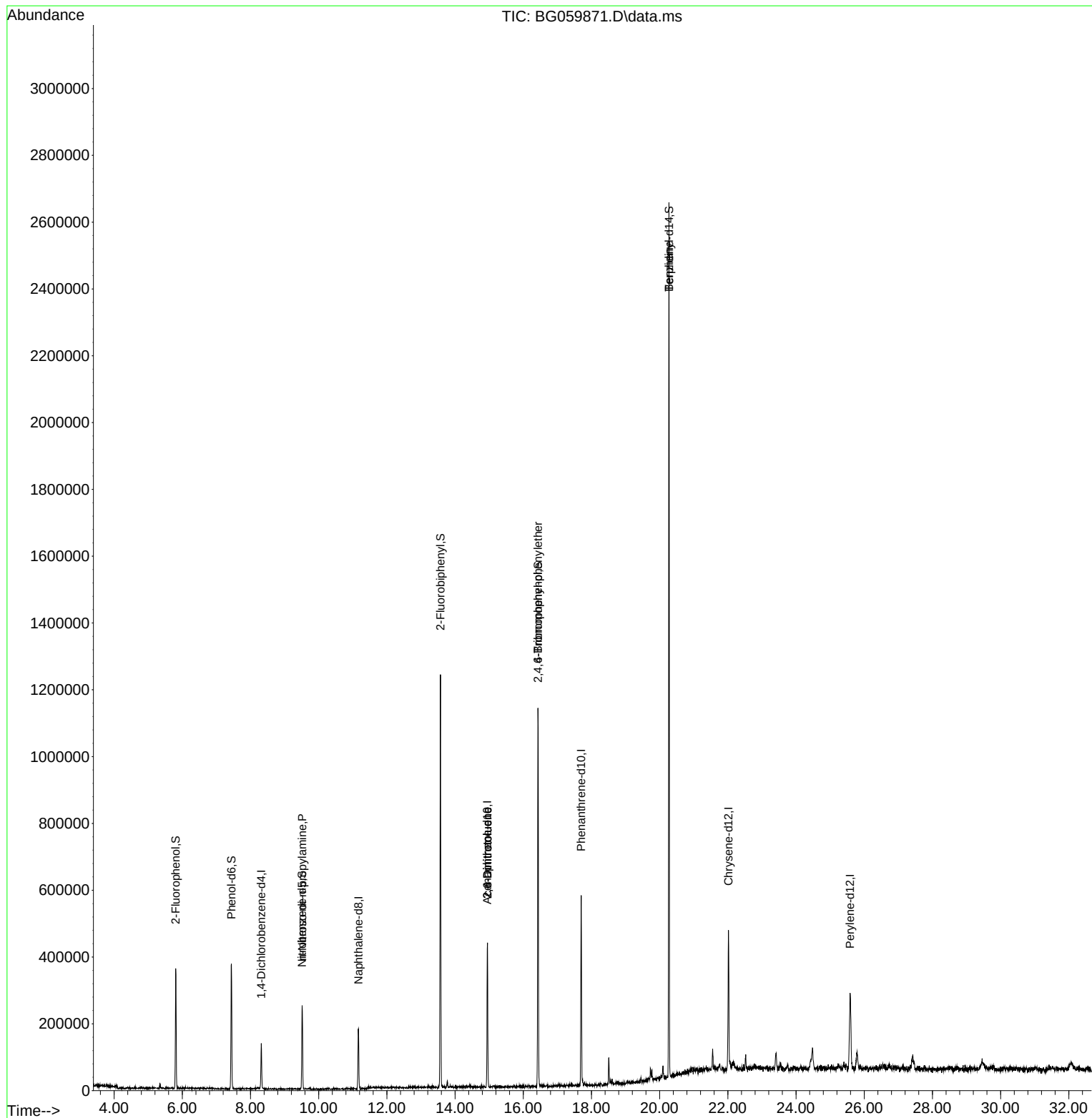
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.317	152	28366	20.000	ng	0.00
21) Naphthalene-d8	11.166	136	131789	20.000	ng	# 0.00
39) Acenaphthene-d10	14.944	164	131491	20.000	ng	0.00
64) Phenanthrene-d10	17.700	188	316952	20.000	ng	0.00
76) Chrysene-d12	22.018	240	243140	20.000	ng	#-0.02
86) Perylene-d12	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						
19) n-Nitroso-di-n-propyla...	9.515	70	28347	14.413	ng	# 70
51) 2,6-Dinitrotoluene	14.950	165	18722	9.685	ng	# 3
57) 2,4-Dinitrotoluene	14.950	165	18722	6.298	ng	# 6
67) 4-Bromophenyl-phenylether	16.431	248	10682	3.137	ng	# 1
77) Benzidine	20.273	184	32748	5.940	ng	# 95

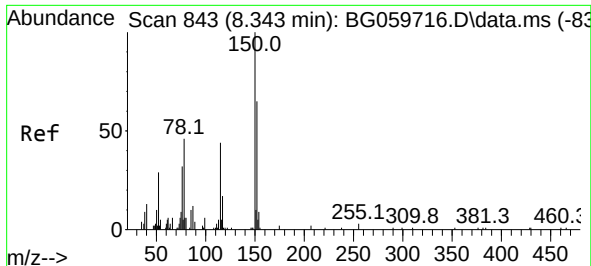
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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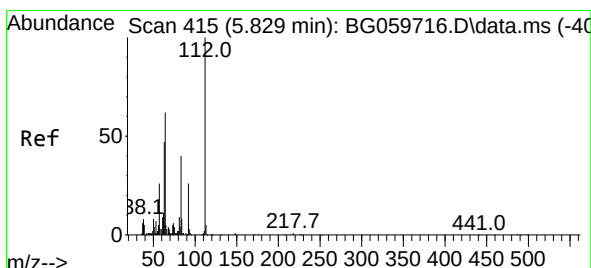
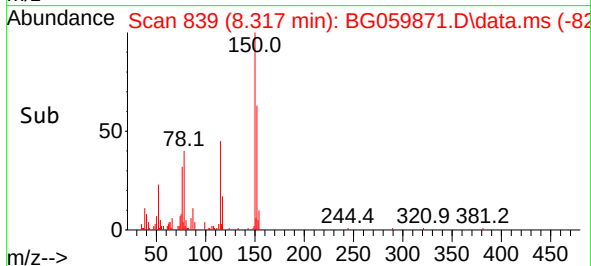
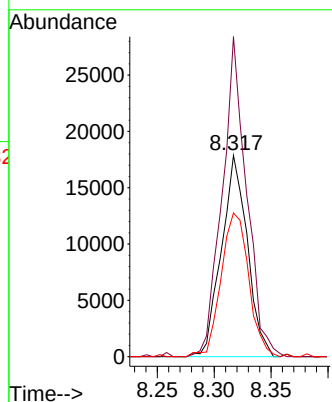
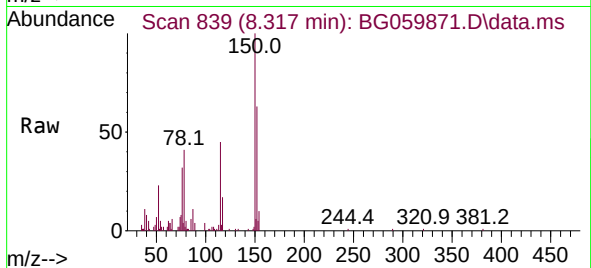




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.317 min Scan# 81
Delta R.T. 0.002 min
Lab File: BG059871.D
Acq: 24 Nov 2023 23:45

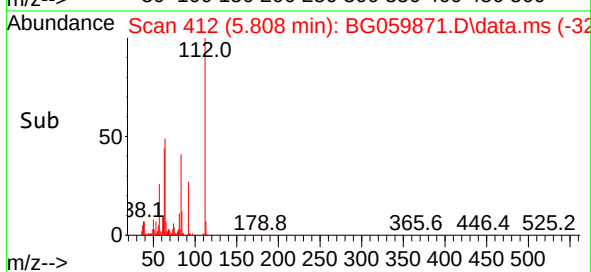
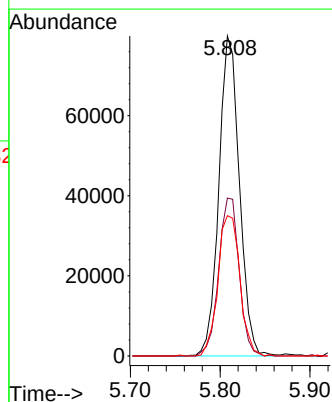
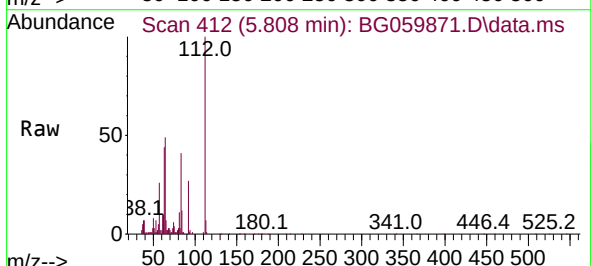
Instrument :
BNA_G
ClientSampleId :
710-ELIZABETH-AVE

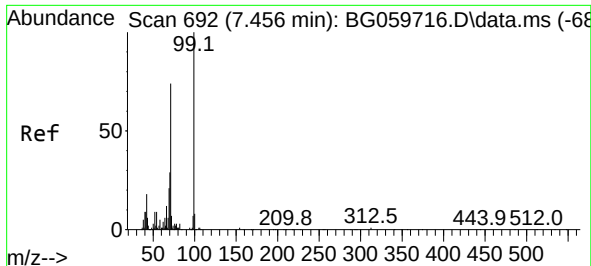
Tgt Ion:152 Resp: 28366
Ion Ratio Lower Upper
152 100
150 158.9 122.2 183.4
115 71.3 54.2 81.4



#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

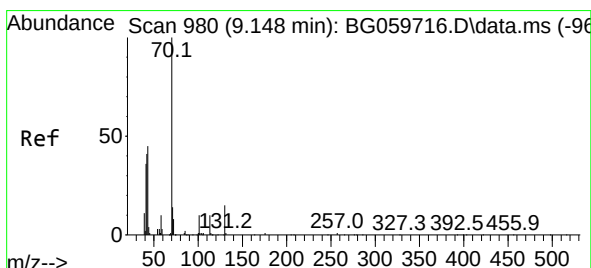
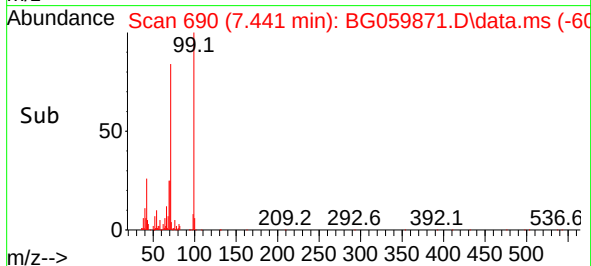
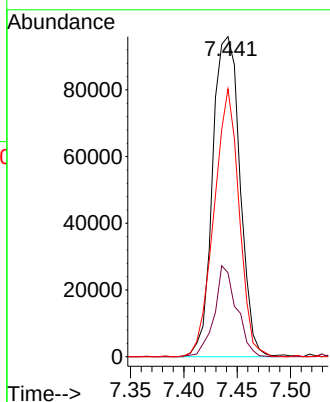
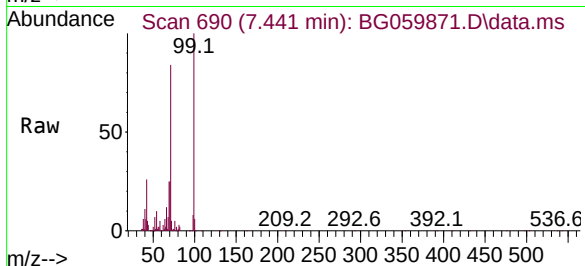




#7
Phenol-d6
Concen: 68.422 ng
RT: 7.441 min Scan# 69
Delta R.T. -0.004 min
Lab File: BG059871.D
Acq: 24 Nov 2023 23:45

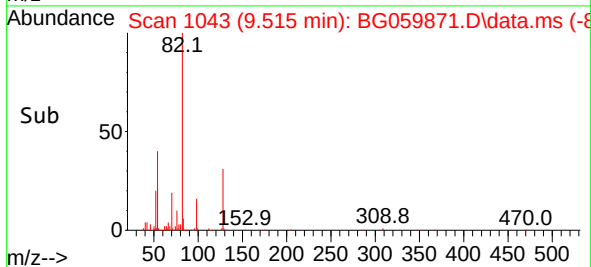
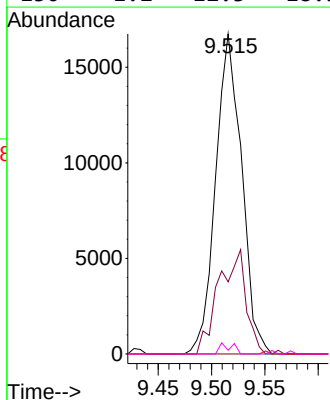
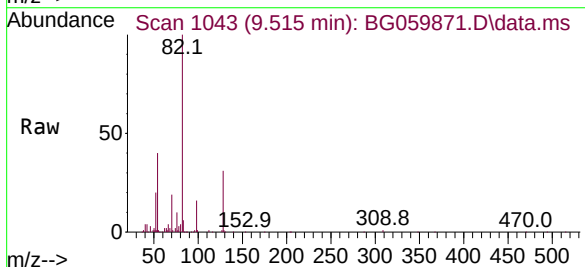
Instrument :
BNA_G
ClientSampleId :
710-ELIZABETH-AVE

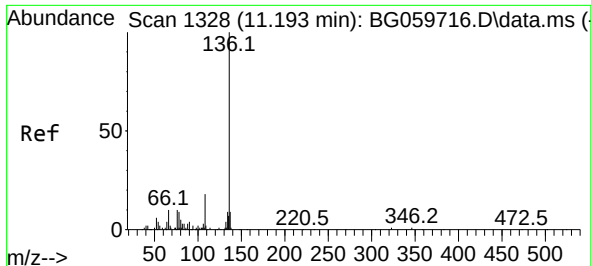
Tgt Ion: 99 Resp: 170881
Ion Ratio Lower Upper
99 100
42 26.2 14.3 21.5#
71 83.7 59.3 88.9



#19
n-Nitroso-di-n-propylamine
Concen: 14.413 ng
RT: 9.515 min Scan# 1043
Delta R.T. 0.384 min
Lab File: BG059871.D
Acq: 24 Nov 2023 23:45

Tgt Ion: 70 Resp: 28347
Ion Ratio Lower Upper
70 100
42 22.5 32.8 49.2#
101 0.0 7.7 11.5#
130 1.2 12.3 18.5#

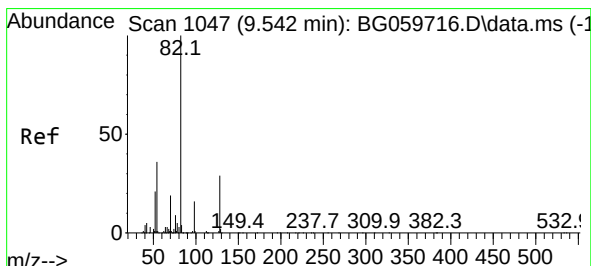
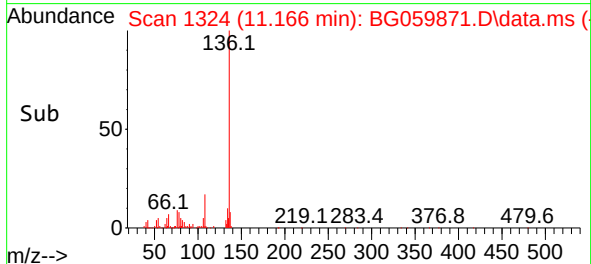
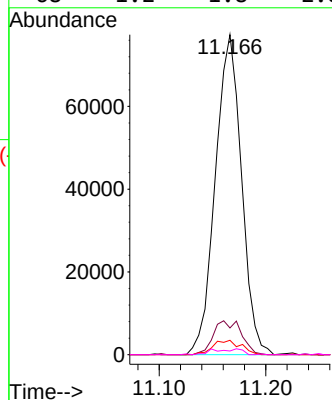
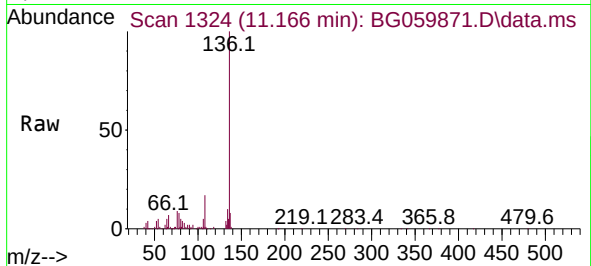




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.166 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG059871.D
Acq: 24 Nov 2023 23:45

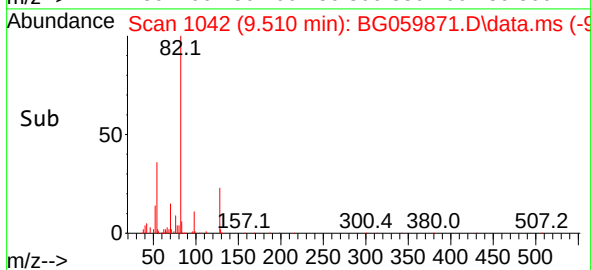
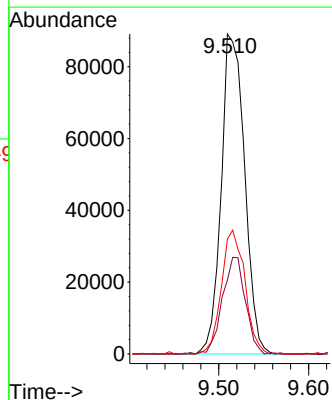
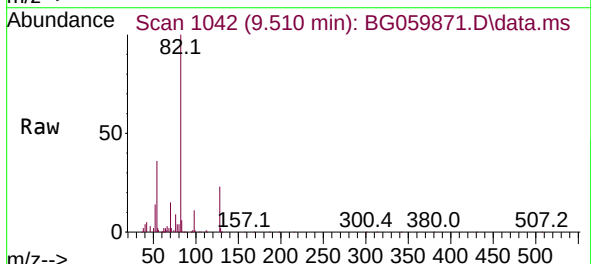
Instrument :
BNA_G
ClientSampleId :
710-ELIZABETH-AVE

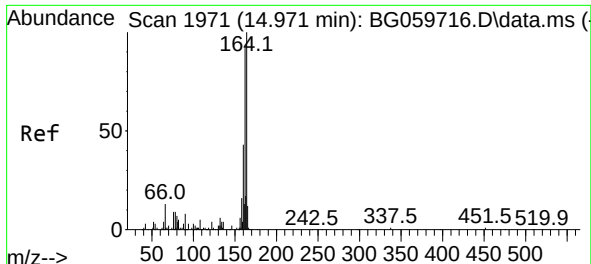
Tgt Ion:136 Resp: 131789
Ion Ratio Lower Upper
136 100
137 8.3 7.4 11.0
54 4.5 3.1 4.7
68 1.2 1.8 2.8#



#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

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

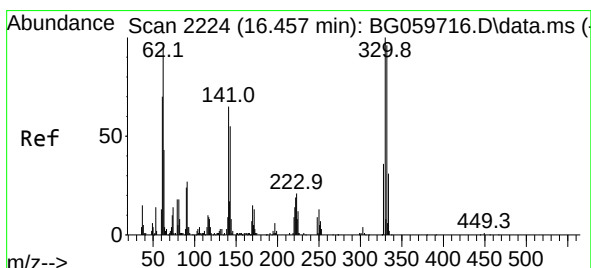
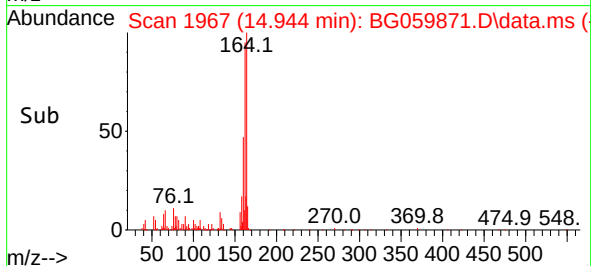
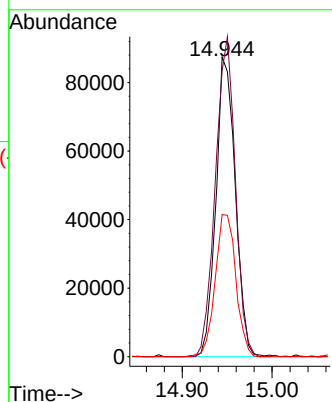
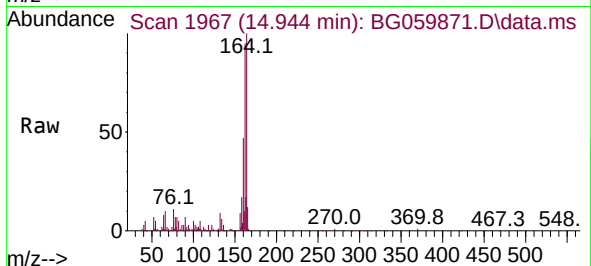




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.944 min Scan# 1971
Delta R.T. -0.010 min
Lab File: BG059871.D
Acq: 24 Nov 2023 23:45

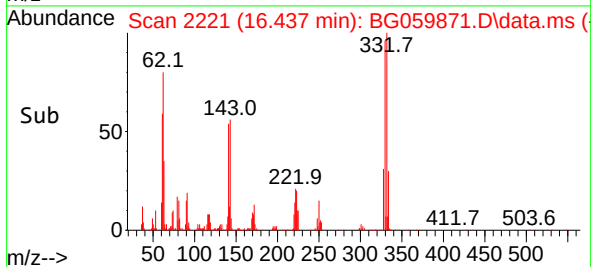
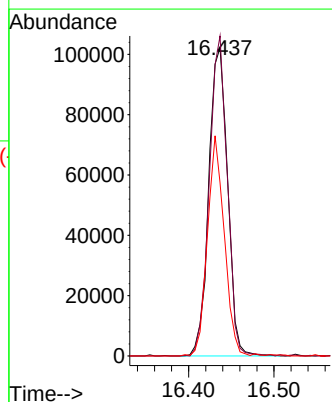
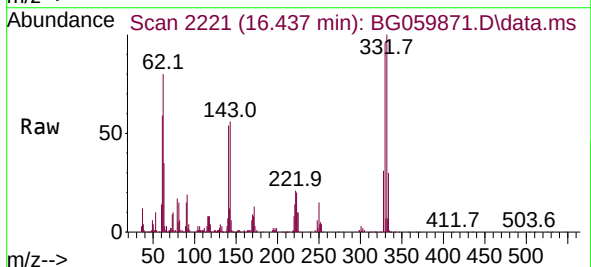
Instrument :
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ClientSampleId :
710-ELIZABETH-AVE

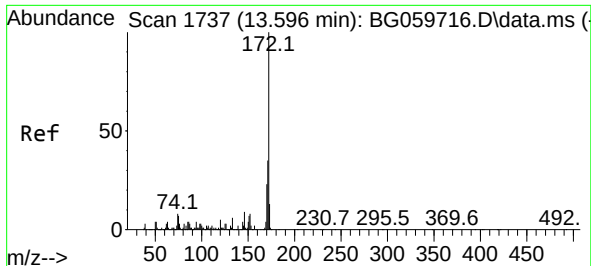
Tgt Ion:164 Resp: 131491
Ion Ratio Lower Upper
164 100
162 95.4 73.3 109.9
160 47.4 34.1 51.1



#42
2,4,6-Tribromophenol
Concen: 104.900 ng
RT: 16.437 min Scan# 2221
Delta R.T. -0.004 min
Lab File: BG059871.D
Acq: 24 Nov 2023 23:45

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

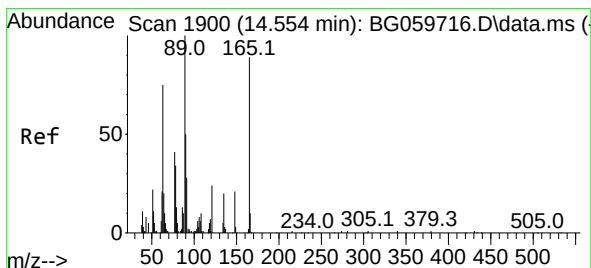
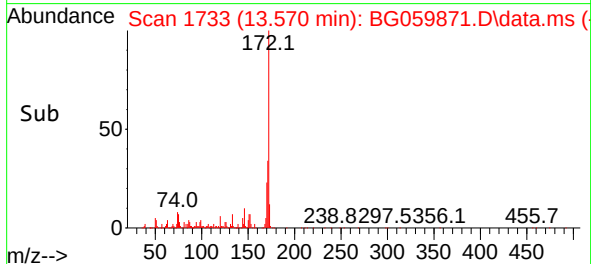
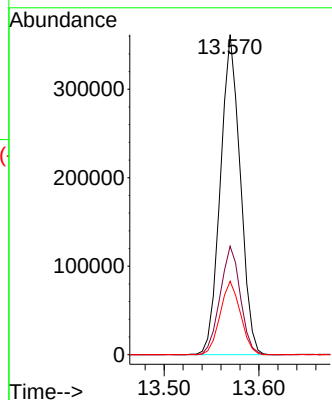
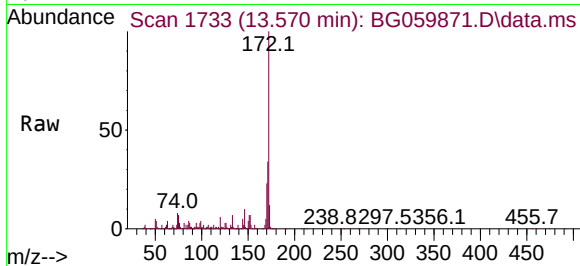




#45
2-Fluorobiphenyl
Concen: 54.037 ng
RT: 13.570 min Scan# 11
Delta R.T. -0.010 min
Lab File: BG059871.D
Acq: 24 Nov 2023 23:45

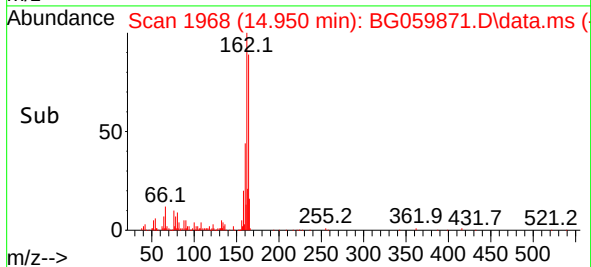
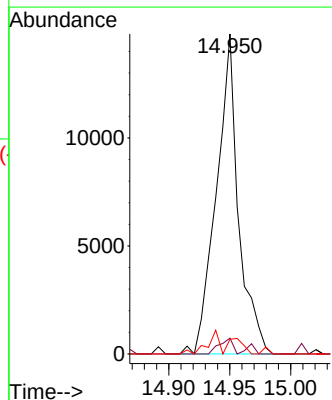
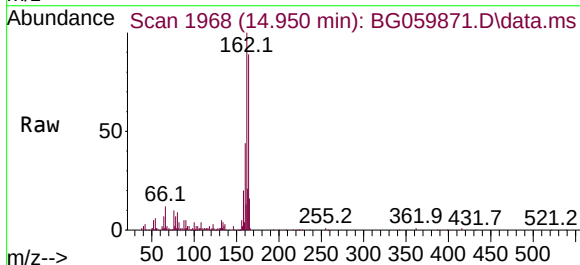
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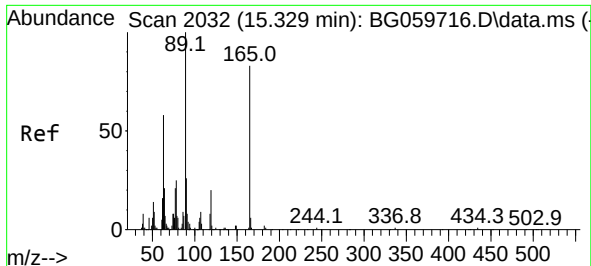
Tgt Ion:172 Resp: 527866
Ion Ratio Lower Upper
172 100
171 33.9 27.7 41.5
170 23.0 18.4 27.6



#51
2,6-Dinitrotoluene
Concen: 9.685 ng
RT: 14.950 min Scan# 1968
Delta R.T. 0.408 min
Lab File: BG059871.D
Acq: 24 Nov 2023 23:45

Tgt Ion:165 Resp: 18722
Ion Ratio Lower Upper
165 100
63 4.9 75.3 112.9#
89 4.6 90.9 136.3#

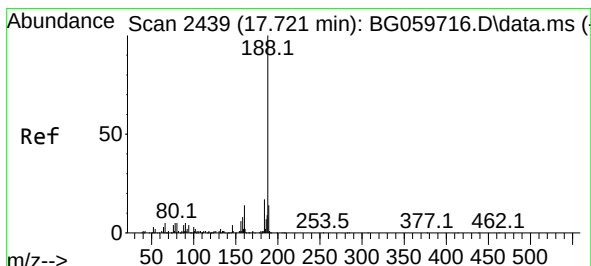
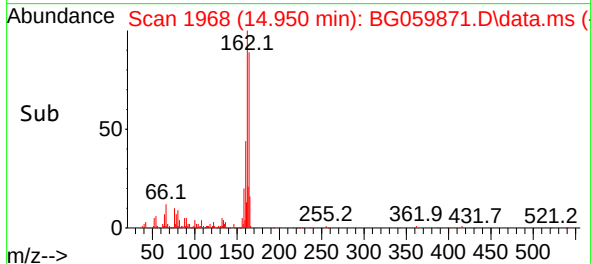
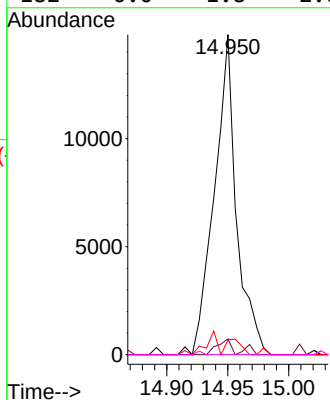
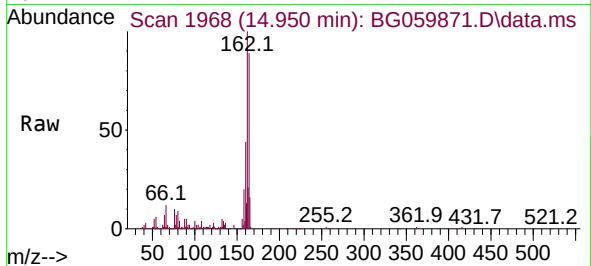




#57
2,4-Dinitrotoluene
Concen: 6.298 ng
RT: 14.950 min Scan# 1968
Delta R.T. -0.374 min
Lab File: BG059871.D
Acq: 24 Nov 2023 23:45

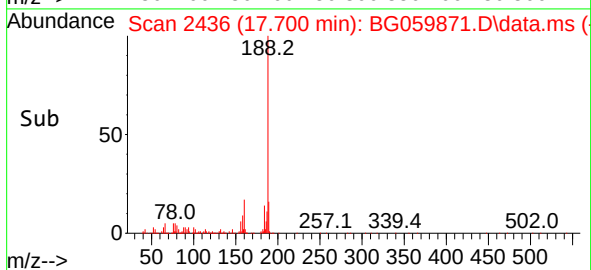
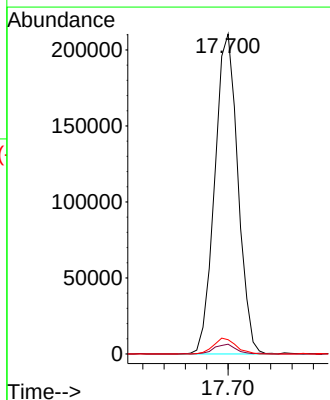
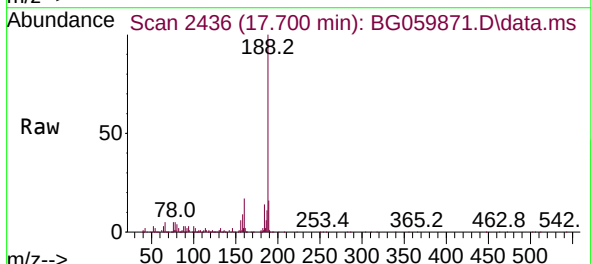
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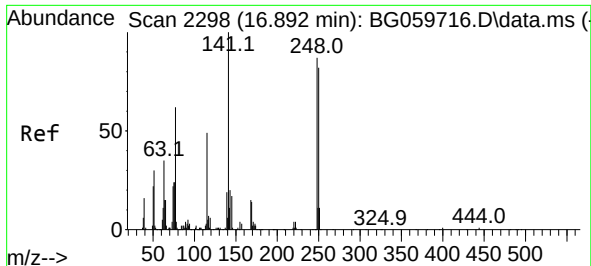
Tgt Ion:165 Resp: 18722
Ion Ratio Lower Upper
165 100
63 4.9 55.8 83.8#
89 4.6 96.9 145.3#
182 0.0 1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.700 min Scan# 2436
Delta R.T. -0.010 min
Lab File: BG059871.D
Acq: 24 Nov 2023 23:45

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

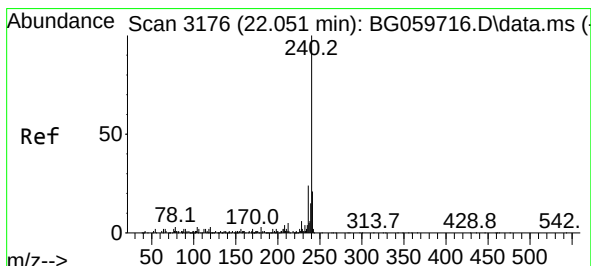
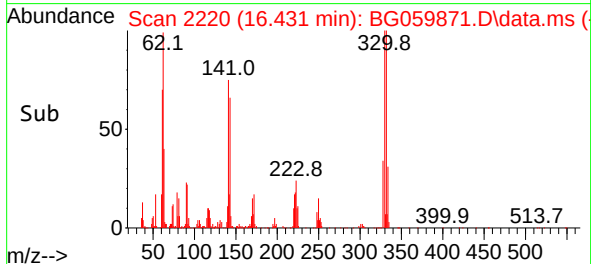
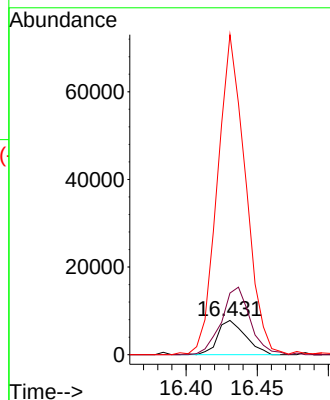
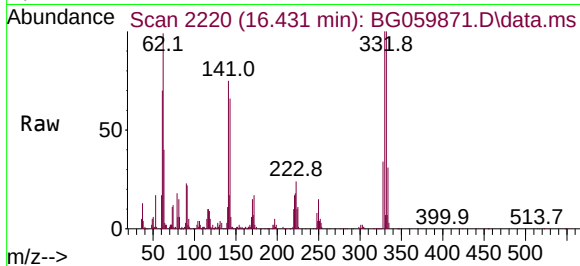




#67
4-Bromophenyl-phenylether
Concen: 3.137 ng
RT: 16.431 min Scan# 21
Delta R.T. -0.450 min
Lab File: BG059871.D
Acq: 24 Nov 2023 23:45

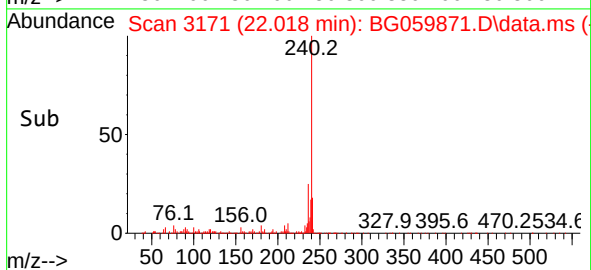
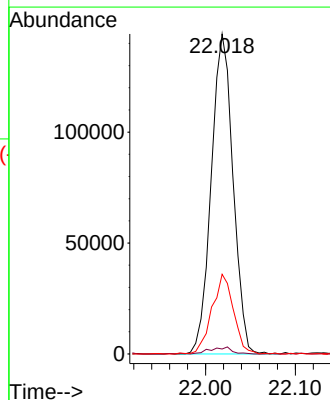
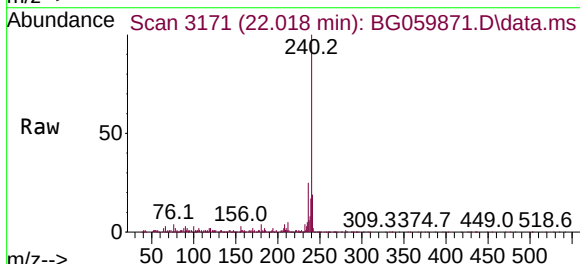
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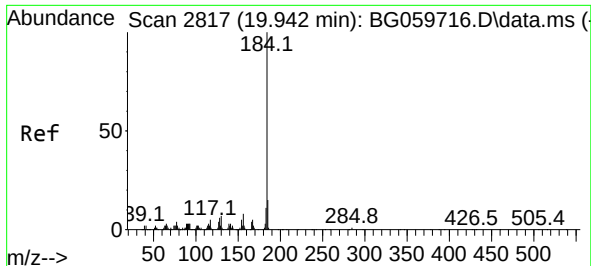
Tgt Ion:248 Resp: 10682
Ion Ratio Lower Upper
248 100
250 180.2 75.2 112.8#
141 936.7 91.5 137.3#



#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

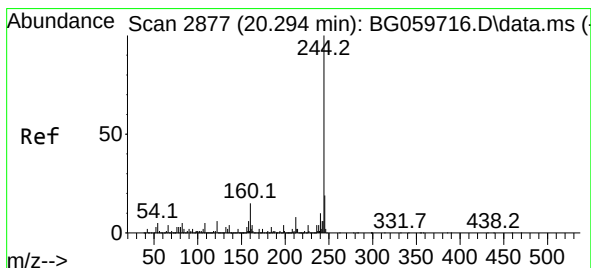
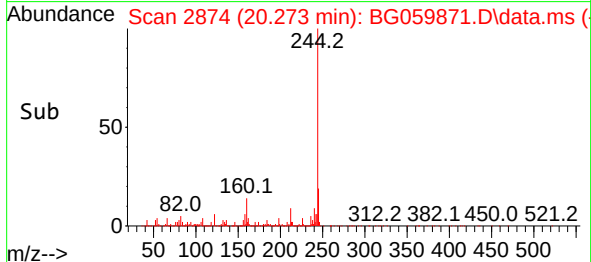
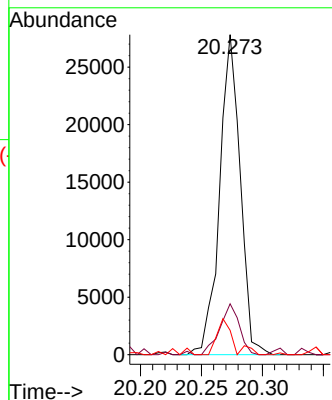
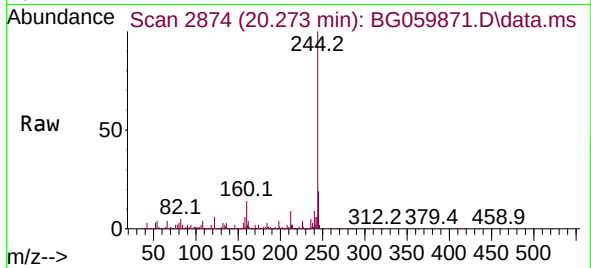




#77
Benzidine
Concen: 5.940 ng
RT: 20.273 min Scan# 2874
Delta R.T. 0.343 min
Lab File: BG059871.D
Acq: 24 Nov 2023 23:45

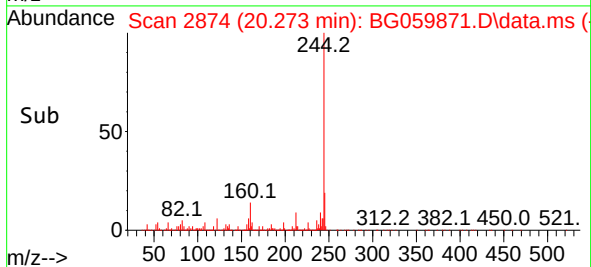
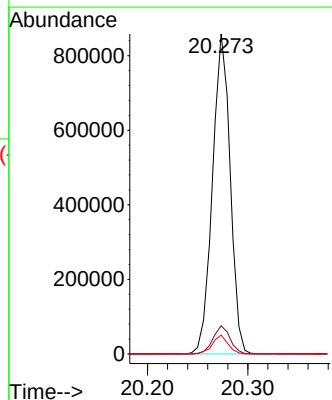
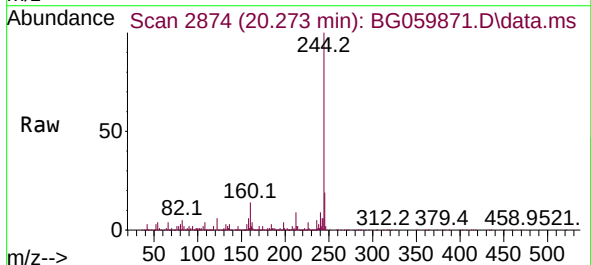
Instrument :
BNA_G
ClientSampleId :
710-ELIZABETH-AVE

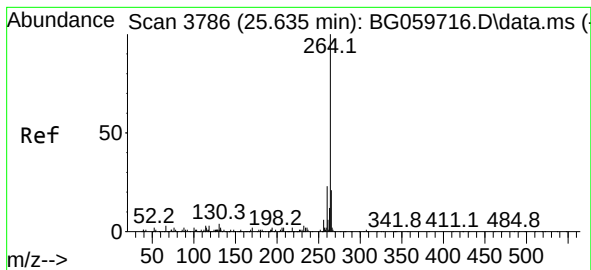
Tgt Ion:184 Resp: 32748
Ion Ratio Lower Upper
184 100
185 15.9 12.2 18.2
183 7.6 8.8 13.2#



#79
Terphenyl-d14
Concen: 63.917 ng
RT: 20.273 min Scan# 2874
Delta R.T. -0.010 min
Lab File: BG059871.D
Acq: 24 Nov 2023 23:45

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# 31
Delta R.T. -0.027 min
Lab File: BG059871.D
Acq: 24 Nov 2023 23:45

Instrument :
BNA_G
ClientSampleId :
710-ELIZABETH-AVE

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

