

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111623\
 Data File : BG059725.D
 Acq On : 16 Nov 2023 19:36
 Operator : MA/JU
 Sample : 05415-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RD-SW-01-20231103

Quant Time: Nov 17 02:33:49 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)

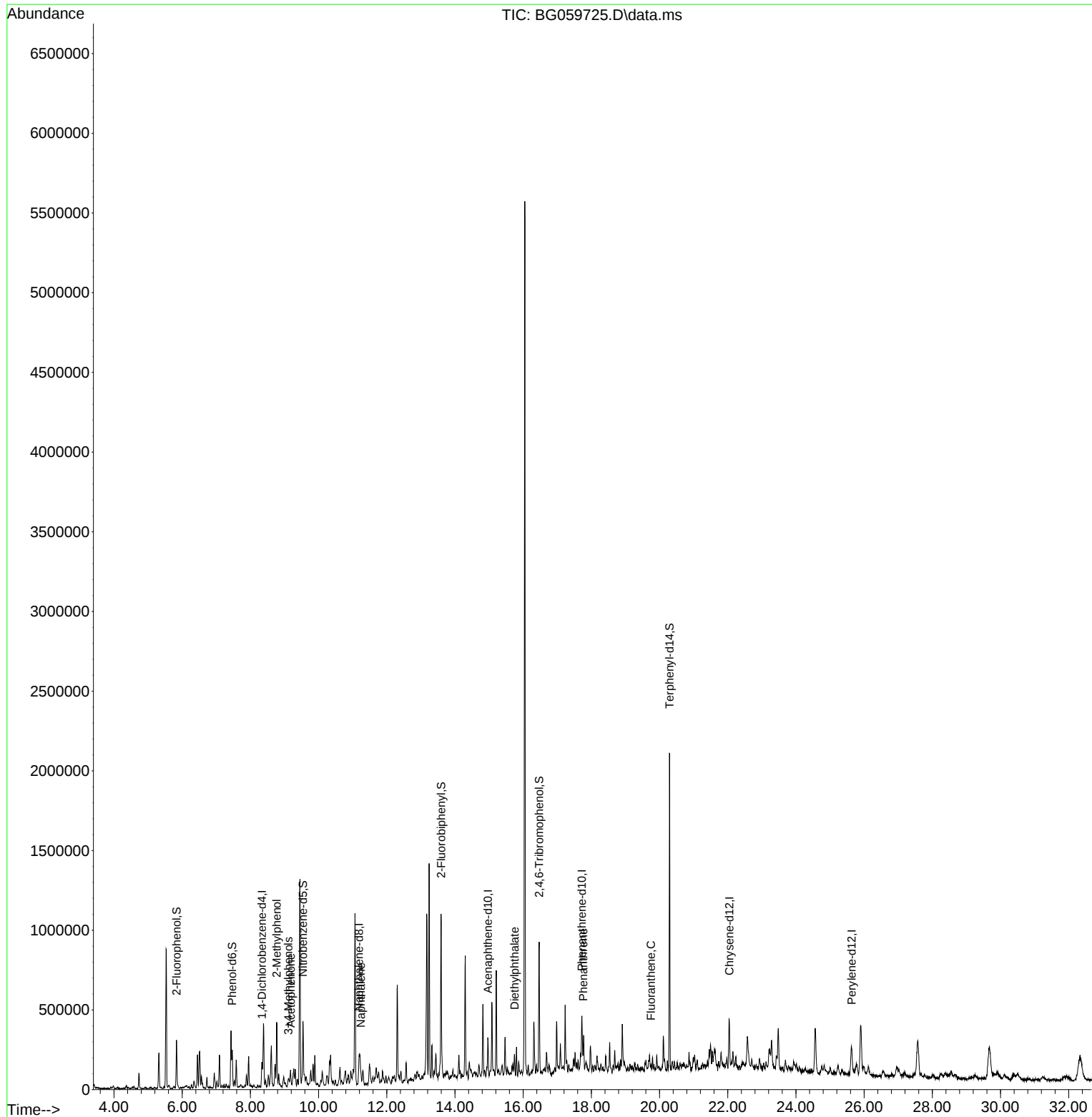
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.344	152	25229	20.000	ng	# 0.00
21) Naphthalene-d8	11.188	136	114791	20.000	ng	# 0.00
39) Acenaphthene-d10	14.966	164	77113	20.000	ng	# 0.00
64) Phenanthrene-d10	17.721	188	149579	20.000	ng	# 0.00
76) Chrysene-d12	22.046	240	151940	20.000	ng	0.00
86) Perylene-d12	25.636	264	210578	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.835	112	107593	71.780	ng	0.00
7) Phenol-d6	7.469	99	100209	45.114	ng	0.01
23) Nitrobenzene-d5	9.543	82	238913	79.489	ng	0.00
42) 2,4,6-Tribromophenol	16.470	330	108098	123.549	ng	0.01
45) 2-Fluorobiphenyl	13.597	172	418884	73.118	ng	0.00
79) Terphenyl-d14	20.295	244	739014	71.803	ng	0.00
Target Compounds						
						Qvalue
17) 2-Methylphenol	8.773	107	97702	57.941	ng	92
20) 3+4-Methylphenols	9.114	107	14933	6.379	ng	87
22) Acetophenone	9.184	105	21413	6.589	ng	# 93
31) Naphthalene	11.241	128	22776	3.946	ng	# 91
60) Diethylphthalate	15.747	149	15432	2.408	ng	96
71) Phenanthrene	17.762	178	42347	5.568	ng	# 89
75) Fluoranthene	19.748	202	22007	2.413	ng	97

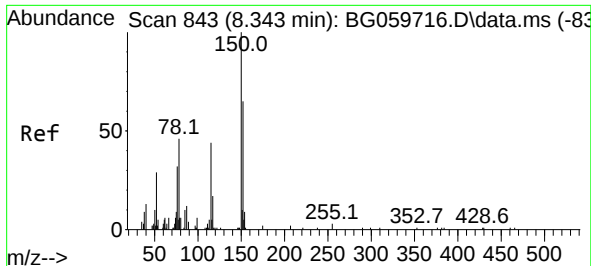
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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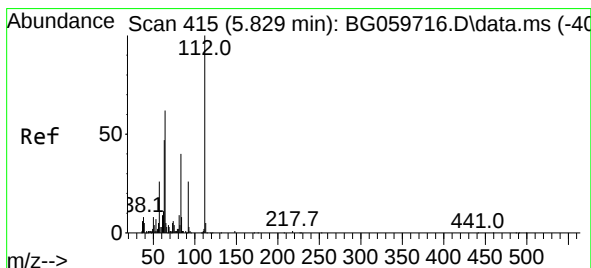
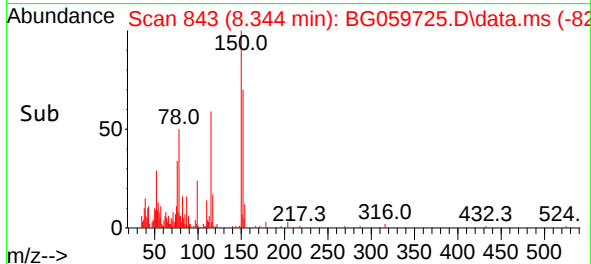
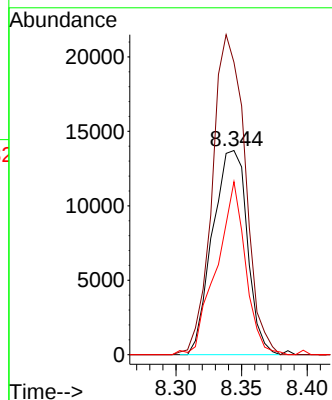
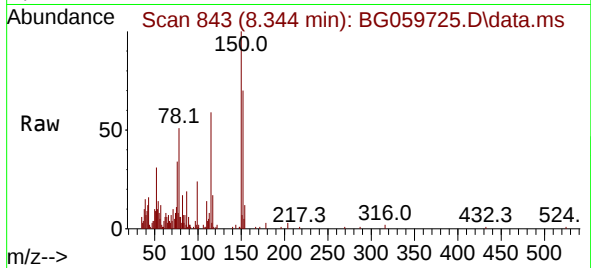




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.344 min Scan# 843
Delta R.T. 0.001 min
Lab File: BG059725.D
Acq: 16 Nov 2023 19:36

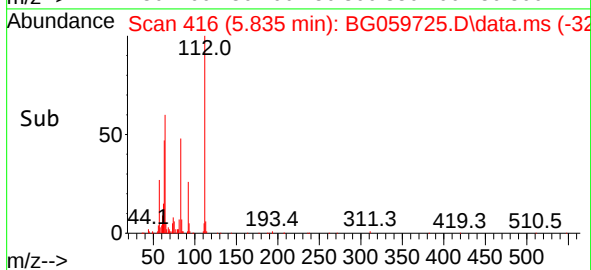
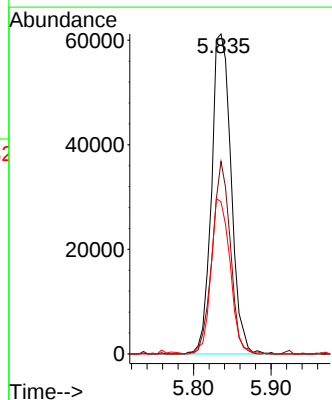
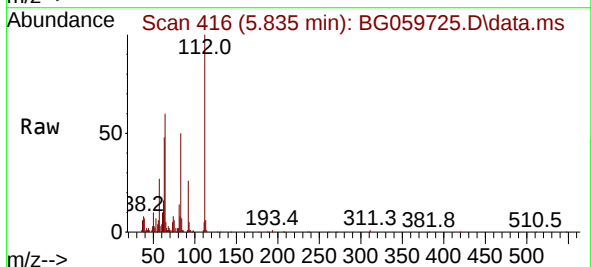
Instrument :
BNA_G
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RD-SW-01-20231103

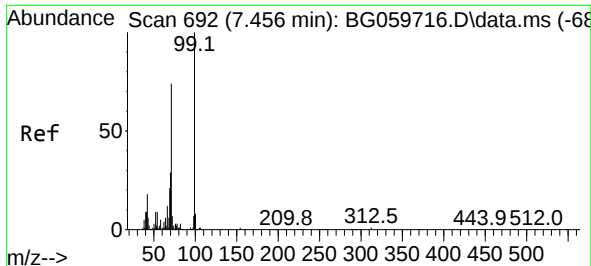
Tgt Ion:152 Resp: 25229
Ion Ratio Lower Upper
152 100
150 143.1 122.2 183.4
115 84.7 54.2 81.4#



#5
2-Fluorophenol
Concen: 71.780 ng
RT: 5.835 min Scan# 416
Delta R.T. 0.007 min
Lab File: BG059725.D
Acq: 16 Nov 2023 19:36

Tgt Ion:112 Resp: 107593
Ion Ratio Lower Upper
112 100
64 60.2 49.5 74.3
63 47.6 37.4 56.2

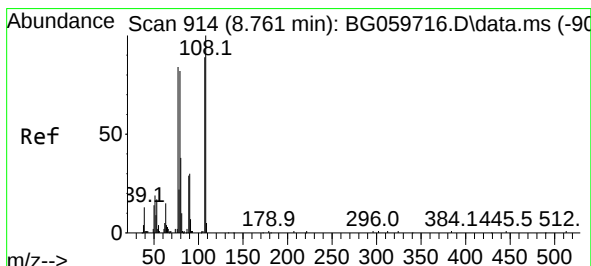
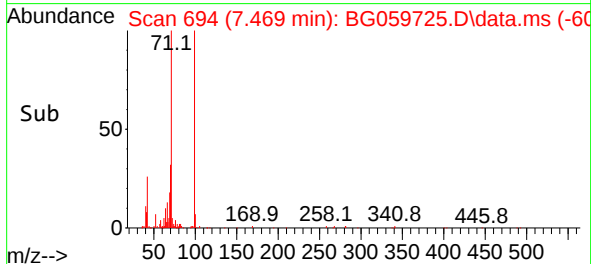
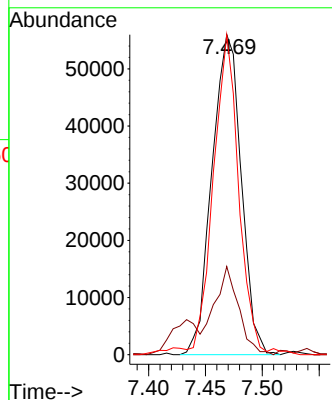
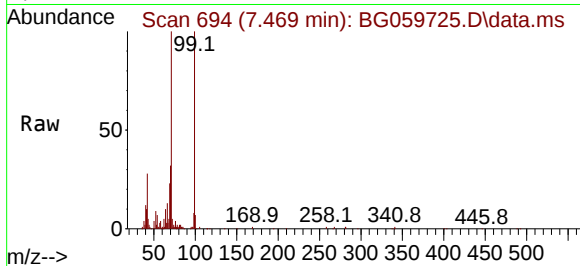




#7
Phenol-d6
Concen: 45.114 ng
RT: 7.469 min Scan# 694
Delta R.T. 0.012 min
Lab File: BG059725.D
Acq: 16 Nov 2023 19:36

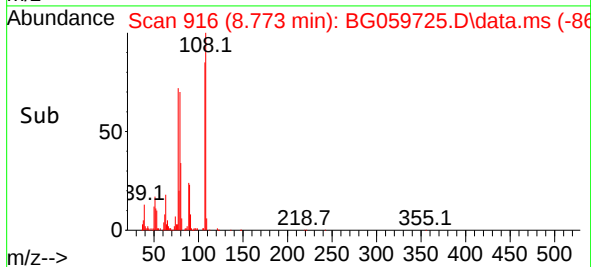
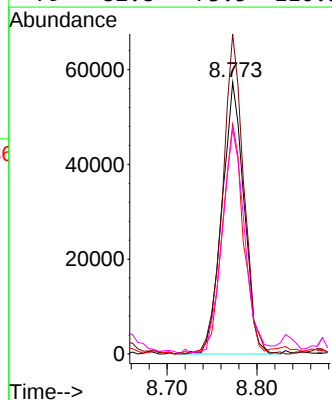
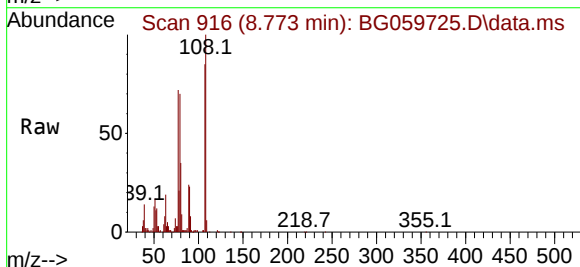
Instrument :
BNA_G
ClientSampleId :
RD-SW-01-20231103

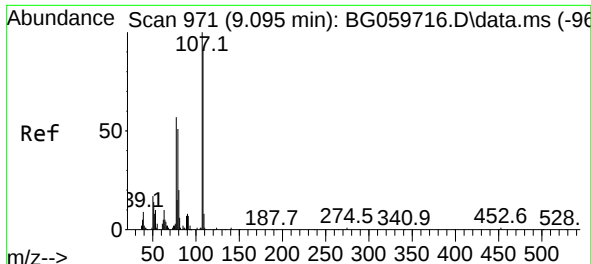
Tgt Ion: 99 Resp: 100209
Ion Ratio Lower Upper
99 100
42 27.6 14.3 21.5#
71 99.9 59.3 88.9#



#17
2-Methylphenol
Concen: 57.941 ng
RT: 8.773 min Scan# 916
Delta R.T. 0.012 min
Lab File: BG059725.D
Acq: 16 Nov 2023 19:36

Tgt Ion: 107 Resp: 97702
Ion Ratio Lower Upper
107 100
108 117.8 90.0 135.0
77 84.6 76.5 114.7
79 82.8 73.5 110.3

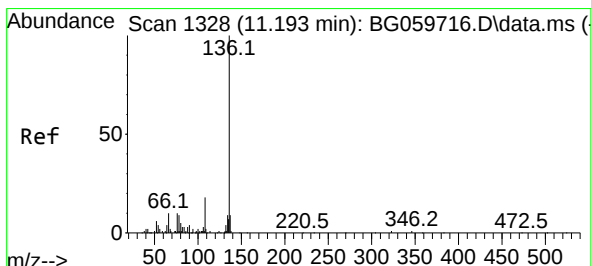
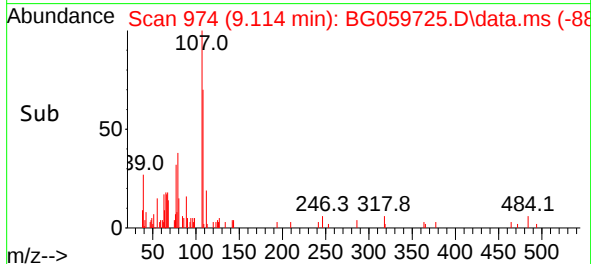
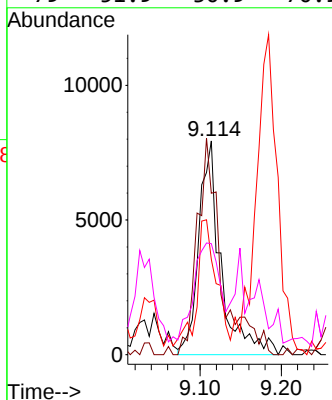
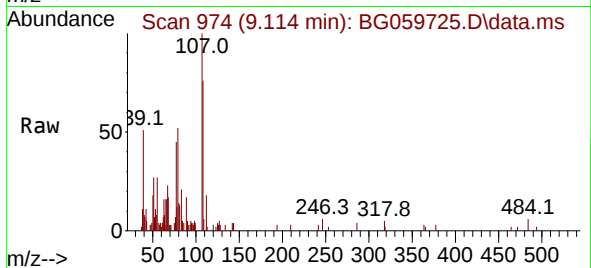




#20
3+4-Methylphenols
Concen: 6.379 ng
RT: 9.114 min Scan# 91
Delta R.T. 0.018 min
Lab File: BG059725.D
Acq: 16 Nov 2023 19:36

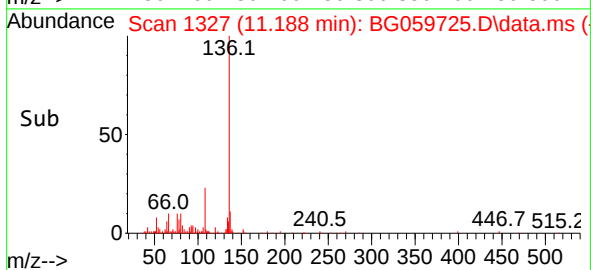
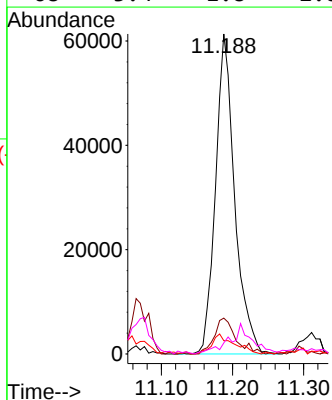
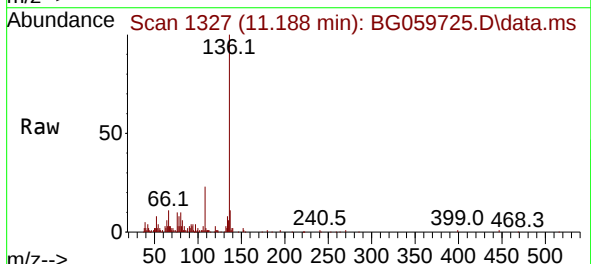
Instrument :
BNA_G
ClientSampleId :
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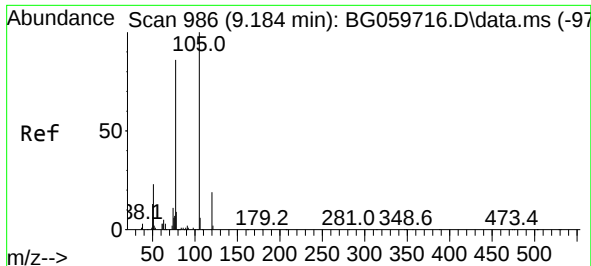
Tgt Ion:	107	Resp:	14933
Ion	Ratio	Lower	Upper
107	100		
108	75.5	71.1	111.1
77	44.6	37.5	77.5
79	51.9	30.9	70.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.188 min Scan# 1327
Delta R.T. -0.005 min
Lab File: BG059725.D
Acq: 16 Nov 2023 19:36

Tgt Ion:	136	Resp:	114791
Ion	Ratio	Lower	Upper
136	100		
137	11.2	7.4	11.0#
54	4.2	3.1	4.7
68	3.4	1.8	2.8#

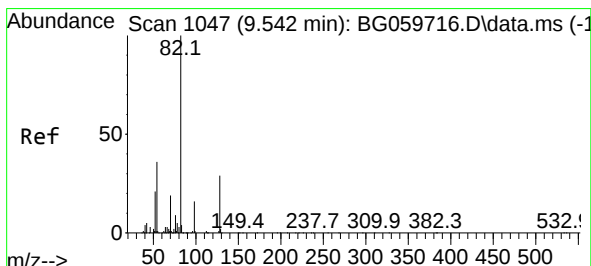
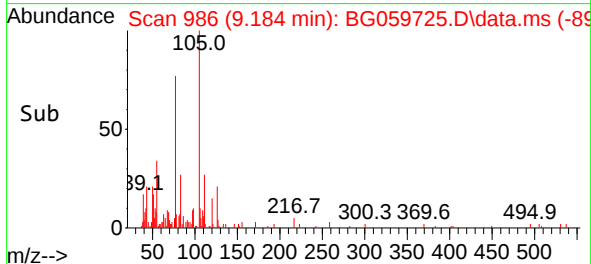
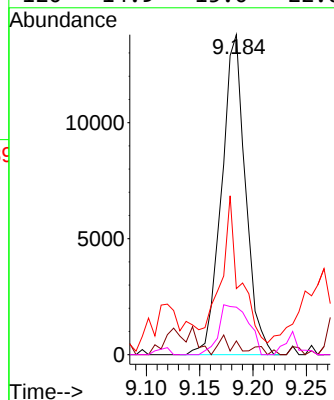
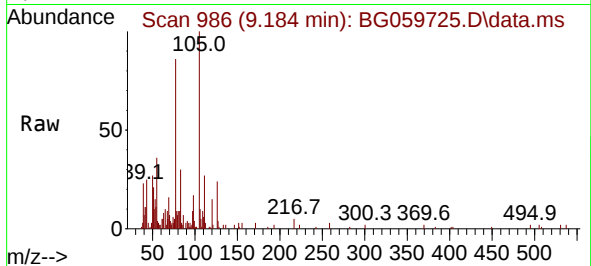




#22
Acetophenone
Concen: 6.589 ng
RT: 9.184 min Scan# 91
Delta R.T. 0.001 min
Lab File: BG059725.D
Acq: 16 Nov 2023 19:36

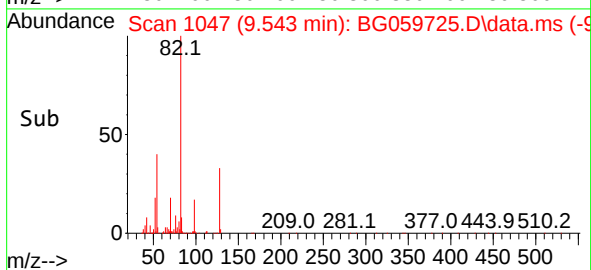
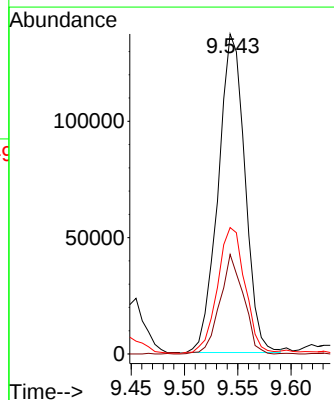
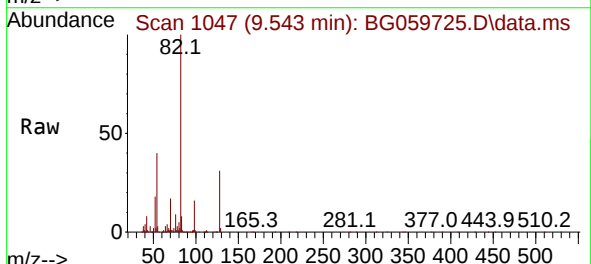
Instrument :
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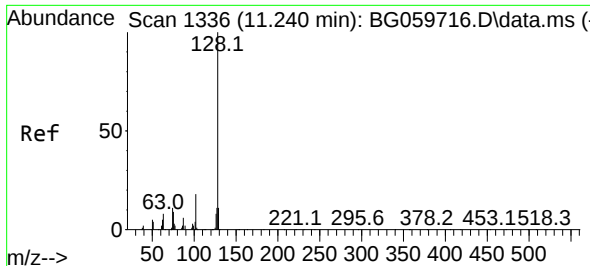
Tgt Ion:105 Resp: 21413
Ion Ratio Lower Upper
105 100
71 4.3 0.0 0.0#
51 20.7 18.4 27.6
120 14.9 15.0 22.6#



#23
Nitrobenzene-d5
Concen: 79.489 ng
RT: 9.543 min Scan# 1047
Delta R.T. 0.001 min
Lab File: BG059725.D
Acq: 16 Nov 2023 19:36

Tgt Ion: 82 Resp: 238913
Ion Ratio Lower Upper
82 100
128 31.1 23.0 34.6
54 39.5 28.7 43.1

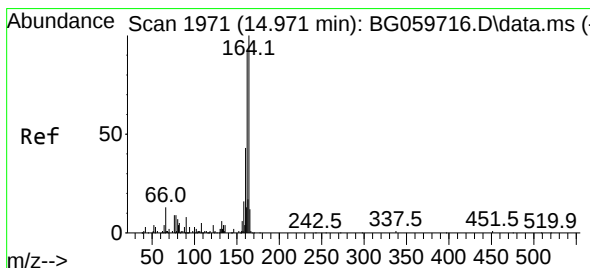
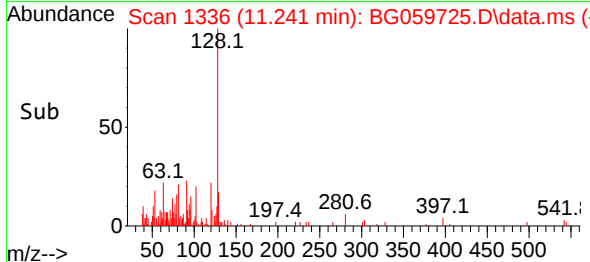
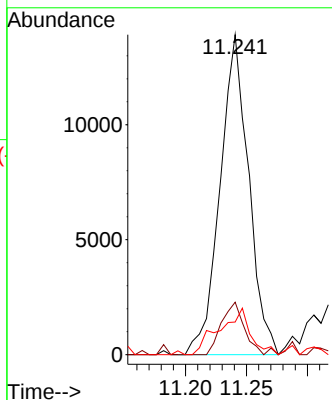
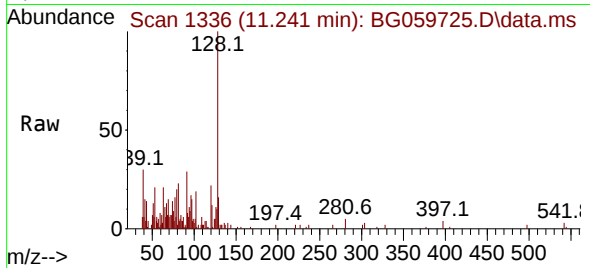




#31
Naphthalene
Concen: 3.946 ng
RT: 11.241 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG059725.D
Acq: 16 Nov 2023 19:36

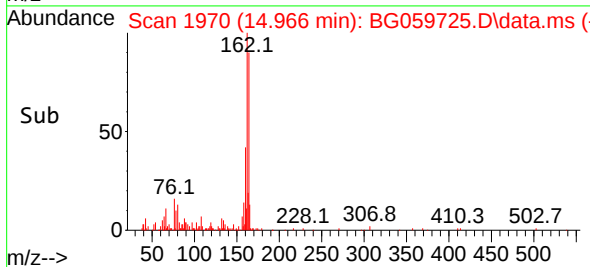
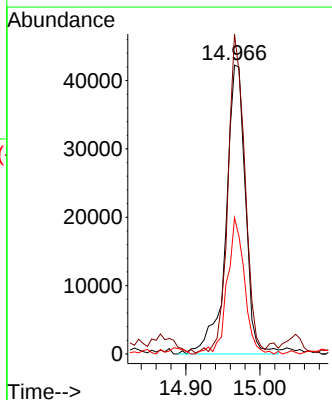
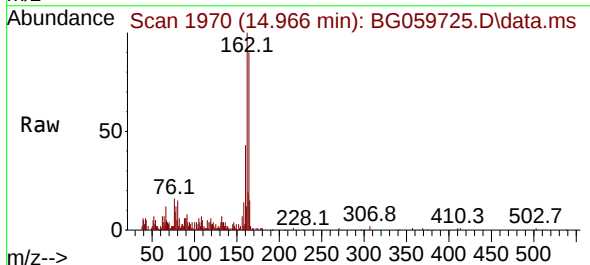
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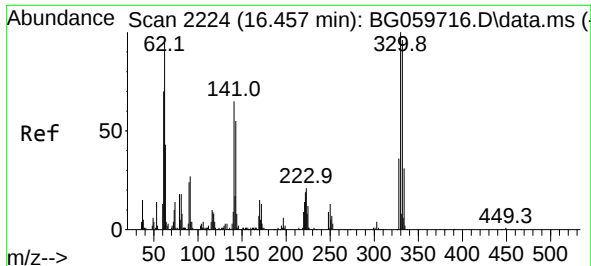
Tgt Ion:128 Resp: 22776
Ion Ratio Lower Upper
128 100
129 16.4 8.7 13.1#
127 10.2 9.2 13.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.966 min Scan# 1970
Delta R.T. -0.005 min
Lab File: BG059725.D
Acq: 16 Nov 2023 19:36

Tgt Ion:164 Resp: 77113
Ion Ratio Lower Upper
164 100
162 110.8 73.3 109.9#
160 47.1 34.1 51.1

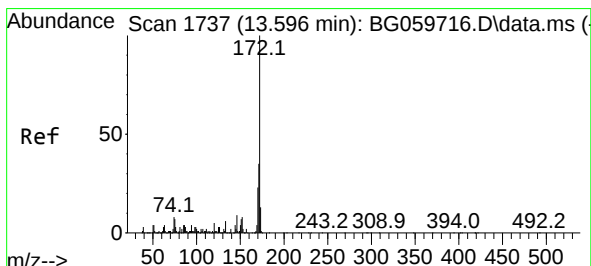
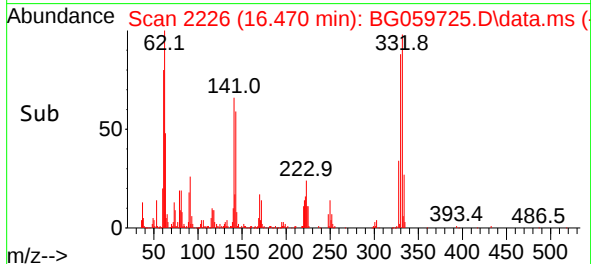
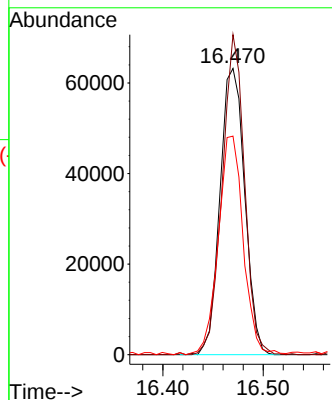
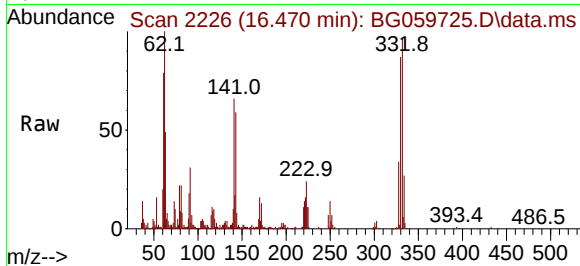




#42
2,4,6-Tribromophenol
Concen: 123.549 ng
RT: 16.470 min Scan# 21
Delta R.T. 0.012 min
Lab File: BG059725.D
Acq: 16 Nov 2023 19:36

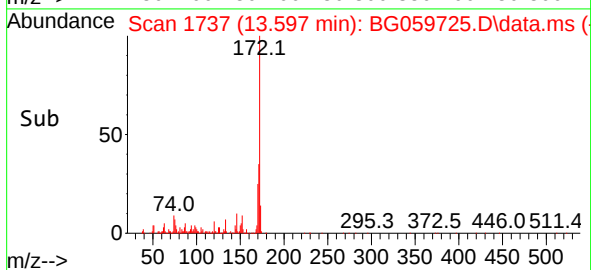
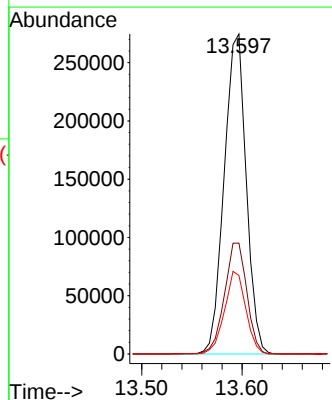
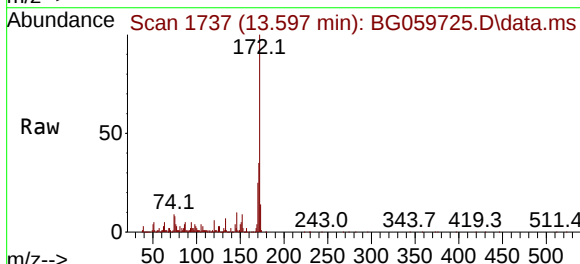
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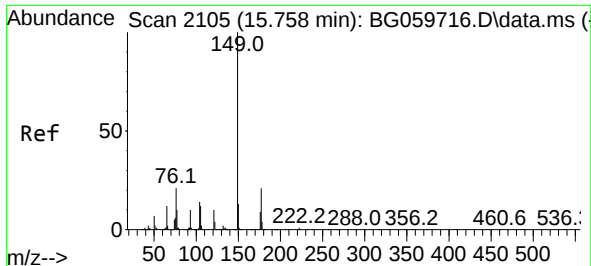
Tgt Ion:330 Resp: 108098
Ion Ratio Lower Upper
330 100
332 100.7 73.3 109.9
141 77.0 52.1 78.1



#45
2-Fluorobiphenyl
Concen: 73.118 ng
RT: 13.597 min Scan# 1737
Delta R.T. 0.001 min
Lab File: BG059725.D
Acq: 16 Nov 2023 19:36

Tgt Ion:172 Resp: 418884
Ion Ratio Lower Upper
172 100
171 34.7 27.7 41.5
170 24.5 18.4 27.6

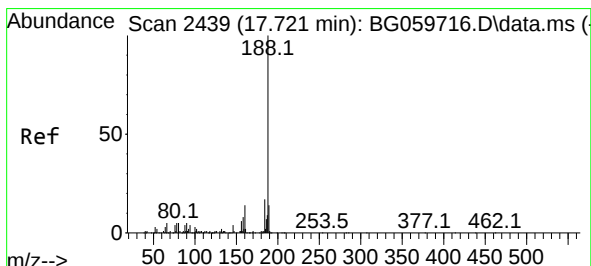
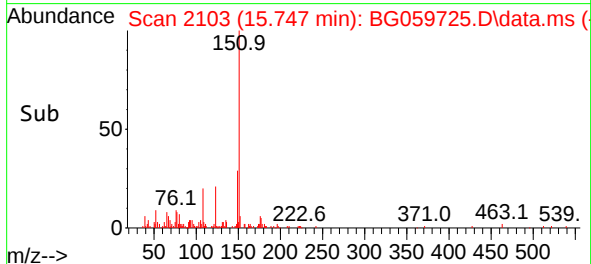
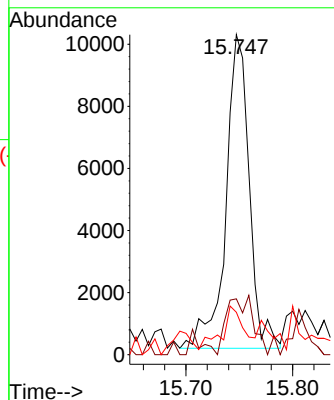
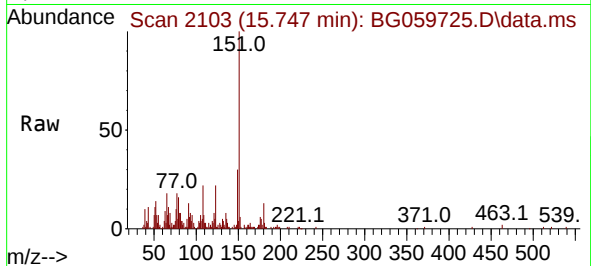




#60
Diethylphthalate
Concen: 2.408 ng
RT: 15.747 min Scan# 2105
Delta R.T. -0.011 min
Lab File: BG059725.D
Acq: 16 Nov 2023 19:36

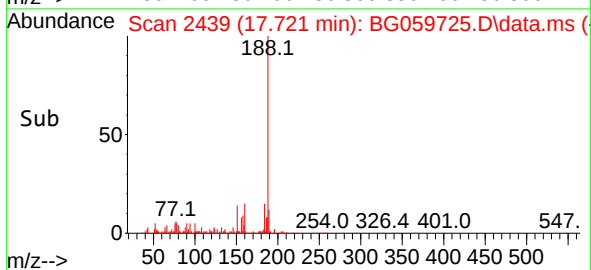
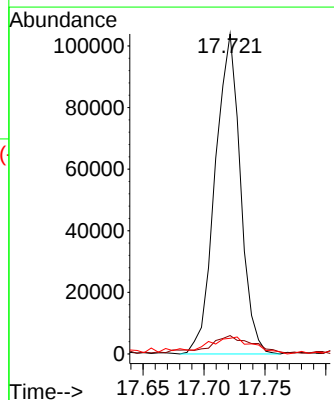
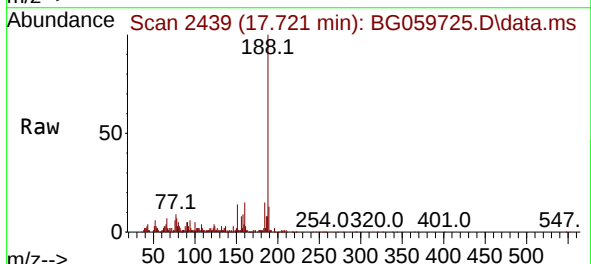
Instrument :
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RD-SW-01-20231103

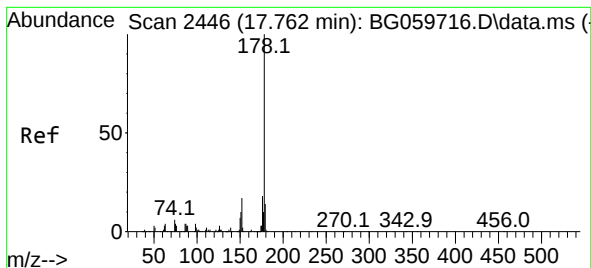
Tgt Ion:149 Resp: 15432
Ion Ratio Lower Upper
149 100
177 17.5 16.6 24.8
150 13.3 10.7 16.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.721 min Scan# 2439
Delta R.T. 0.001 min
Lab File: BG059725.D
Acq: 16 Nov 2023 19:36

Tgt Ion:188 Resp: 149579
Ion Ratio Lower Upper
188 100
94 5.8 3.0 4.4#
80 4.9 4.2 6.4





#71

Phenanthrene

Concen: 5.568 ng

RT: 17.762 min Scan# 2446

Delta R.T. 0.001 min

Lab File: BG059725.D

Acq: 16 Nov 2023 19:36

Instrument :

BNA_G

ClientSampleId :

RD-SW-01-20231103

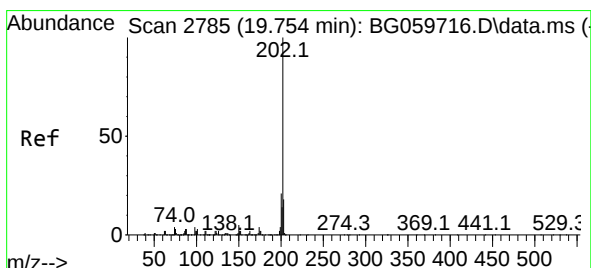
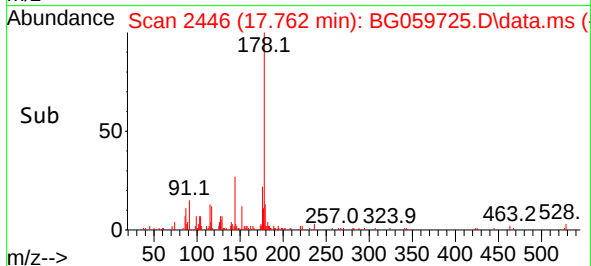
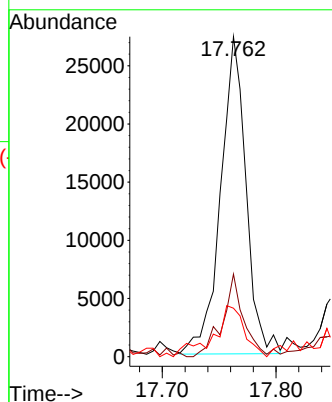
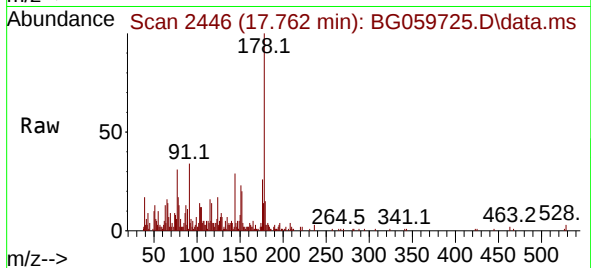
Tgt Ion:178 Resp: 42347

Ion Ratio Lower Upper

178 100

176 25.8 14.5 21.7#

179 15.1 11.2 16.8



#75

Fluoranthene

Concen: 2.413 ng

RT: 19.748 min Scan# 2784

Delta R.T. -0.005 min

Lab File: BG059725.D

Acq: 16 Nov 2023 19:36

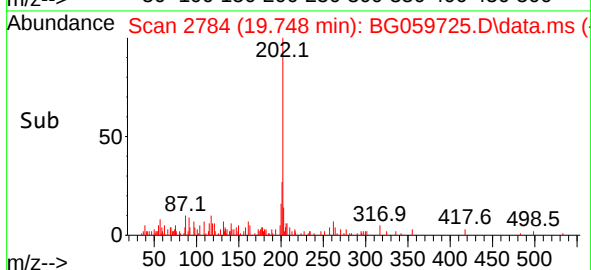
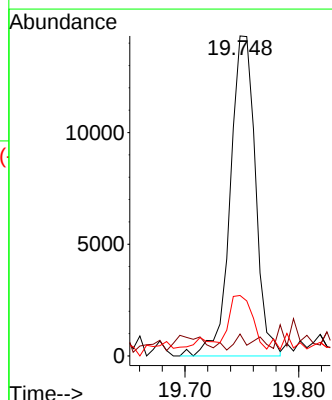
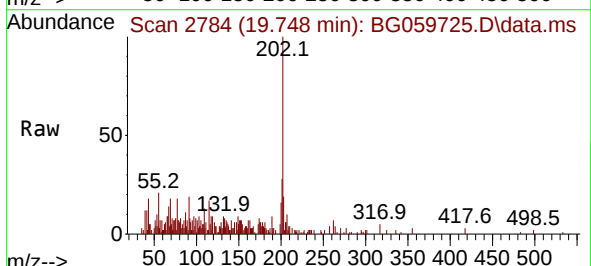
Tgt Ion:202 Resp: 22007

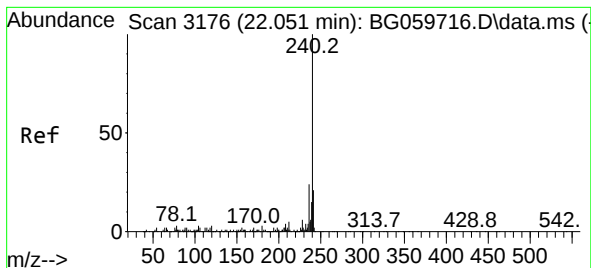
Ion Ratio Lower Upper

202 100

101 6.8 0.0 22.7

203 18.9 0.0 38.2





#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.046 min Scan# 31

Delta R.T. -0.005 min

Lab File: BG059725.D

Acq: 16 Nov 2023 19:36

Instrument :

BNA_G

ClientSampleId :

RD-SW-01-20231103

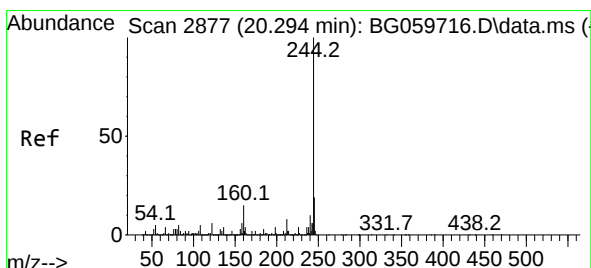
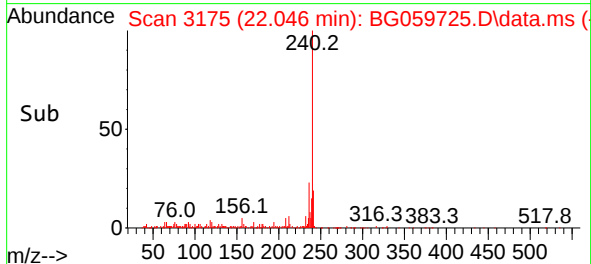
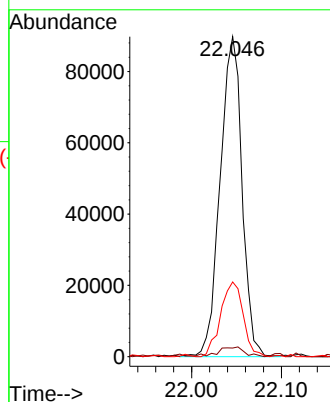
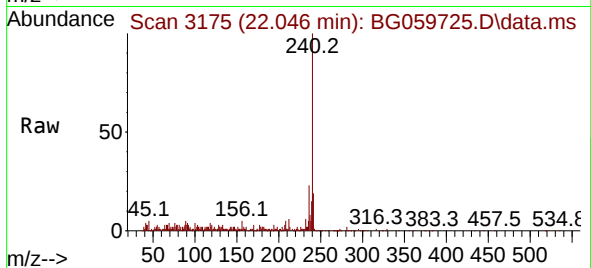
Tgt Ion:240 Resp: 151940

Ion Ratio Lower Upper

240 100

120 2.7 2.2 3.2

236 23.4 19.4 29.2



#79

Terphenyl-d14

Concen: 71.803 ng

RT: 20.295 min Scan# 2877

Delta R.T. 0.001 min

Lab File: BG059725.D

Acq: 16 Nov 2023 19:36

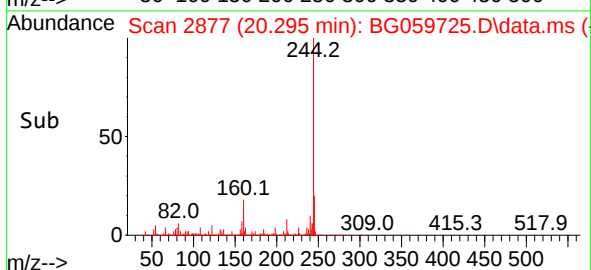
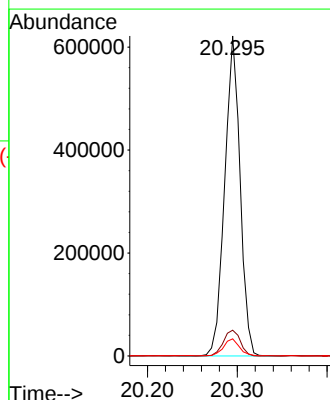
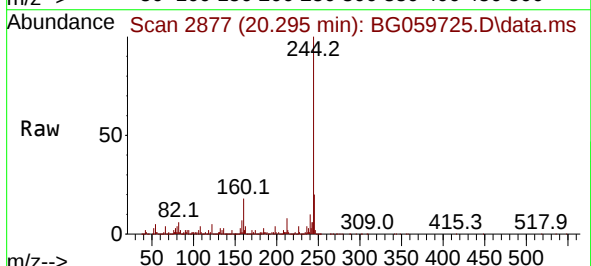
Tgt Ion:244 Resp: 739014

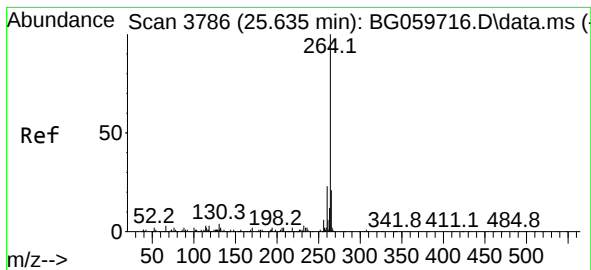
Ion Ratio Lower Upper

244 100

212 8.1 6.6 10.0

122 5.4 4.4 6.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.636 min Scan# 31
Delta R.T. 0.001 min
Lab File: BG059725.D
Acq: 16 Nov 2023 19:36

Instrument :
BNA_G
ClientSampleId :
RD-SW-01-20231103

Tgt Ion:264 Resp: 210578

Ion	Ratio	Lower	Upper
264	100		
260	17.4	18.5	27.7#
265	13.4	17.0	25.6#

