

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112423\
 Data File : BG059885.D
 Acq On : 25 Nov 2023 10:35
 Operator : MA/JU
 Sample : 05366-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P-13(10-15)

Quant Time: Nov 27 03:19:40 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)

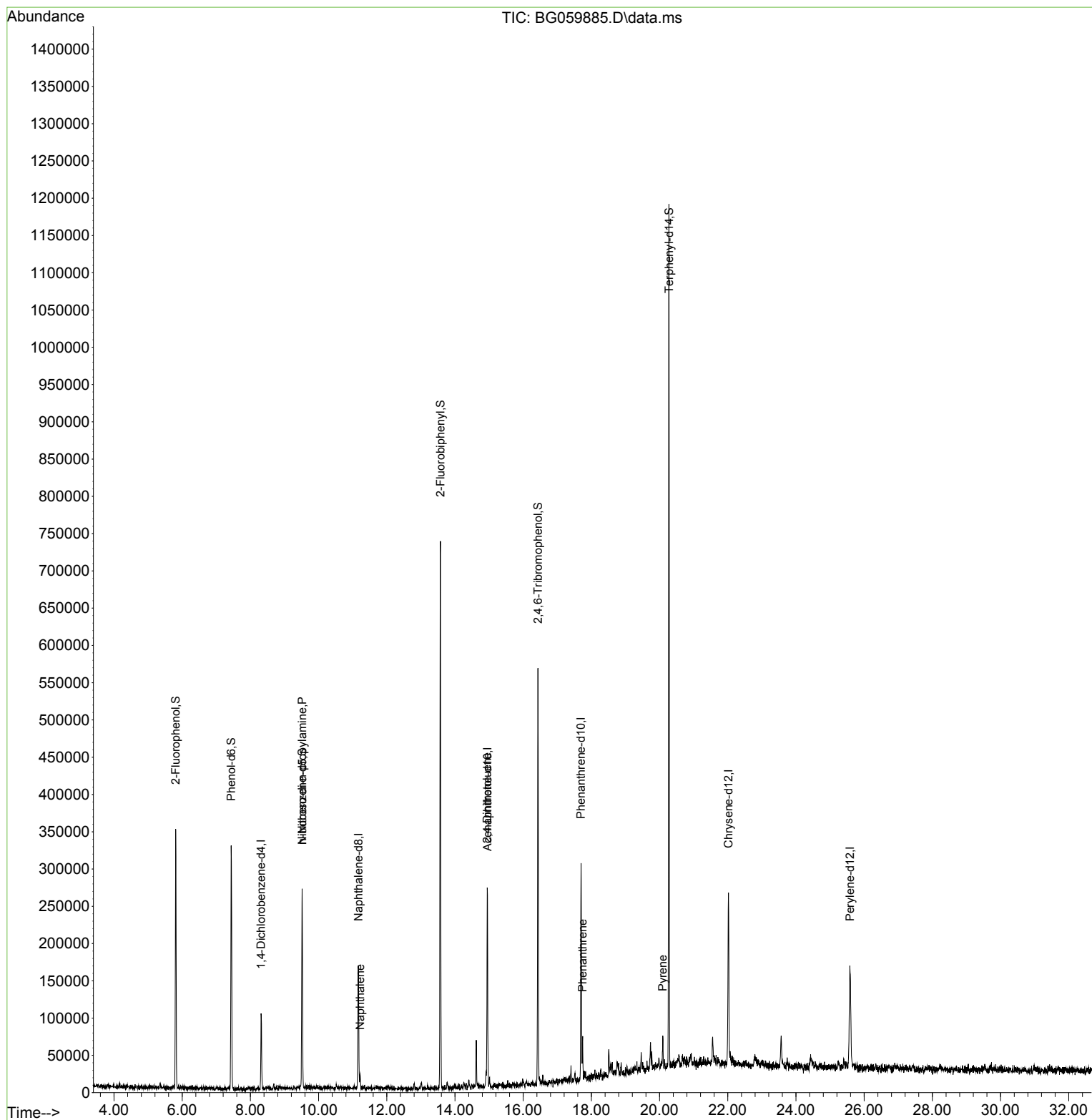
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.312	152	22507	20.000	ng	0.00
21) Naphthalene-d8	11.167	136	119268	20.000	ng	# 0.00
39) Acenaphthene-d10	14.951	164	82940	20.000	ng	# 0.00
64) Phenanthrene-d10	17.695	188	160895	20.000	ng	-0.01
76) Chrysene-d12	22.019	240	128980	20.000	ng	#-0.01
86) Perylene-d12	25.580	264	164508	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.809	112	124281	92.941	ng	0.00
7) Phenol-d6	7.436	99	142349	71.835	ng	0.00
23) Nitrobenzene-d5	9.516	82	164695	52.739	ng	0.00
42) 2,4,6-Tribromophenol	16.432	330	75786	80.533	ng	0.00
45) 2-Fluorobiphenyl	13.570	172	322400	52.323	ng	0.00
79) Terphenyl-d14	20.274	244	508360	58.185	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.516	70	24678	15.814	ng	# 76
31) Naphthalene	11.214	128	13292	2.216	ng	# 92
57) 2,4-Dinitrotoluene	14.945	165	10710	5.712	ng	# 1
71) Phenanthrene	17.742	178	28441	3.477	ng	# 94
78) Pyrene	20.092	202	23922	2.726	ng	94

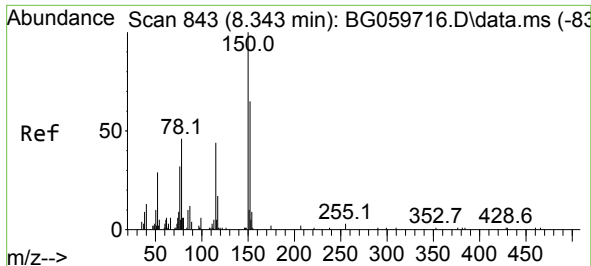
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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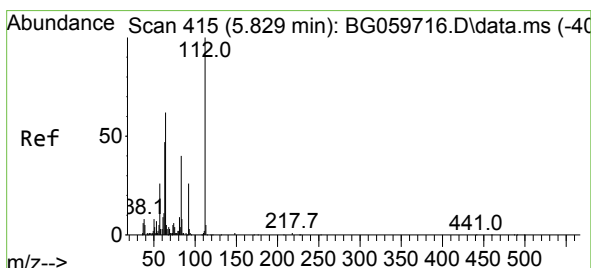
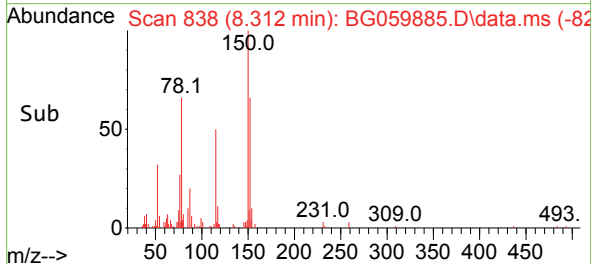
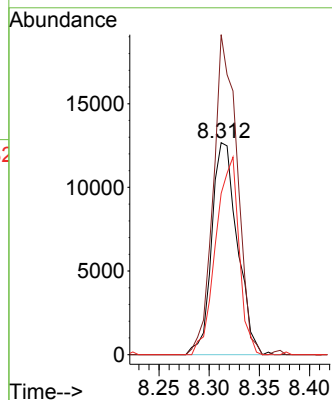
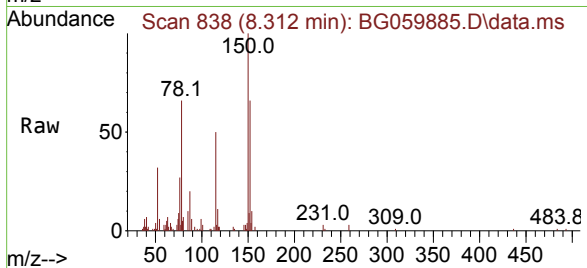




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.312 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: BG059885.D
 Acq: 25 Nov 2023 10:35

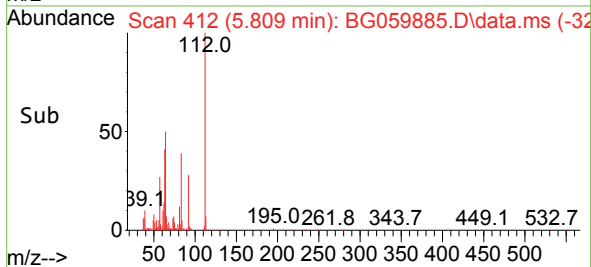
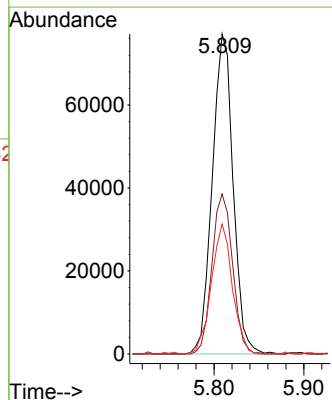
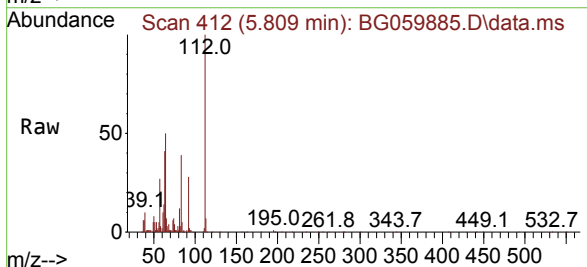
Instrument :
 BNA_G
 ClientSampleId :
 P-13(10-15)

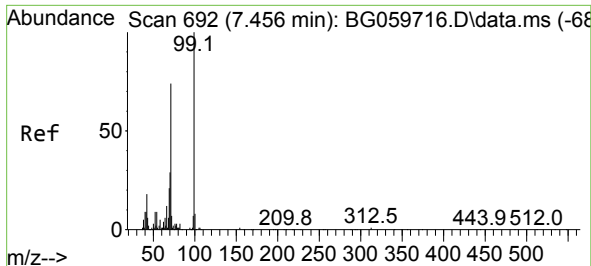
Tgt Ion:152 Resp: 22507
 Ion Ratio Lower Upper
 152 100
 150 151.0 122.2 183.4
 115 76.1 54.2 81.4



#5
 2-Fluorophenol
 Concen: 92.941 ng
 RT: 5.809 min Scan# 412
 Delta R.T. -0.003 min
 Lab File: BG059885.D
 Acq: 25 Nov 2023 10:35

Tgt Ion:112 Resp: 124281
 Ion Ratio Lower Upper
 112 100
 64 50.0 49.5 74.3
 63 40.6 37.4 56.2

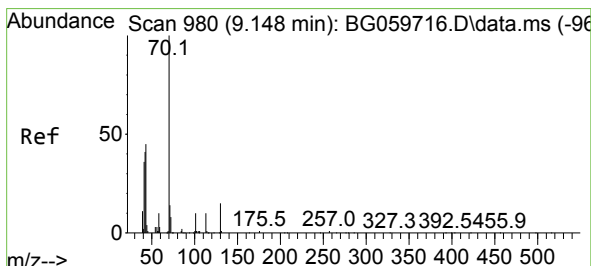
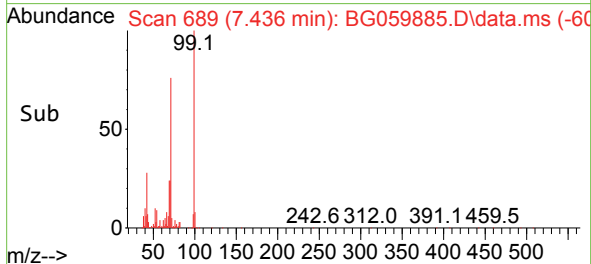
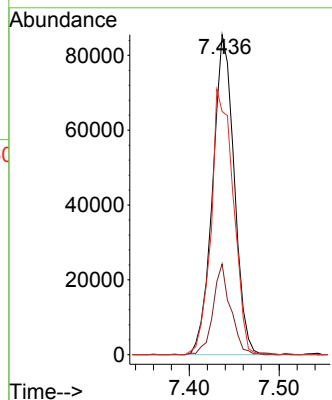
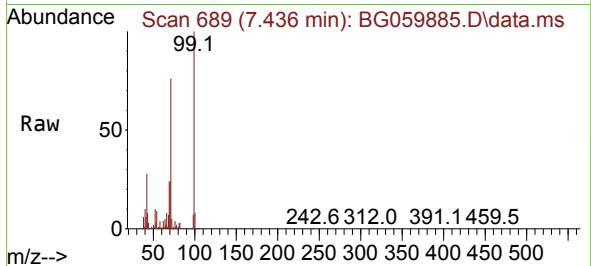




#7
Phenol-d6
Concen: 71.835 ng
RT: 7.436 min Scan# 61
Delta R.T. -0.009 min
Lab File: BG059885.D
Acq: 25 Nov 2023 10:35

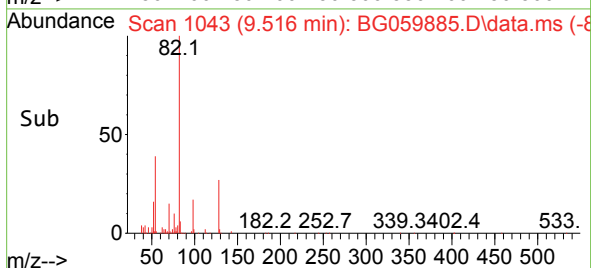
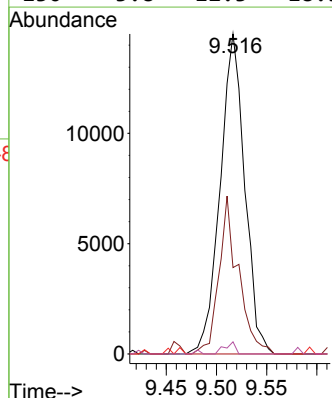
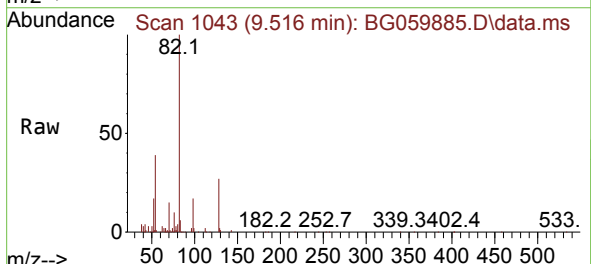
Instrument :
BNA_G
ClientSampleId :
P-13(10-15)

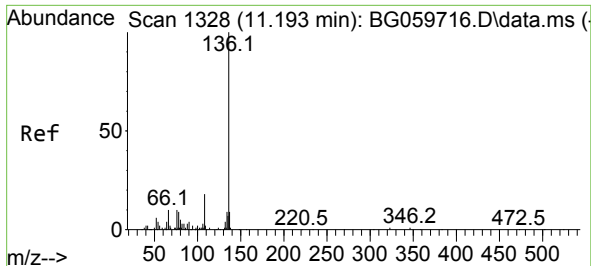
Tgt Ion: 99 Resp: 142349
Ion Ratio Lower Upper
99 100
42 28.4 14.3 21.5#
71 76.0 59.3 88.9



#19
n-Nitroso-di-n-propylamine
Concen: 15.814 ng
RT: 9.516 min Scan# 1043
Delta R.T. 0.385 min
Lab File: BG059885.D
Acq: 25 Nov 2023 10:35

Tgt Ion: 70 Resp: 24678
Ion Ratio Lower Upper
70 100
42 27.0 32.8 49.2#
101 0.0 7.7 11.5#
130 3.8 12.3 18.5#

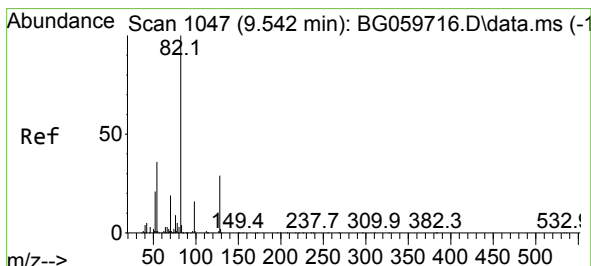
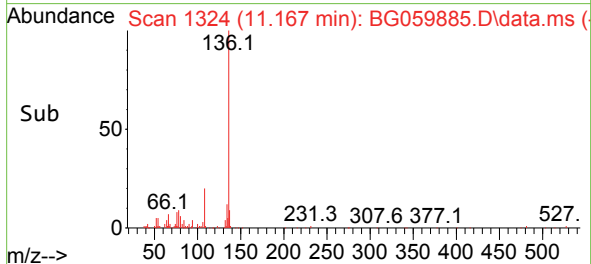
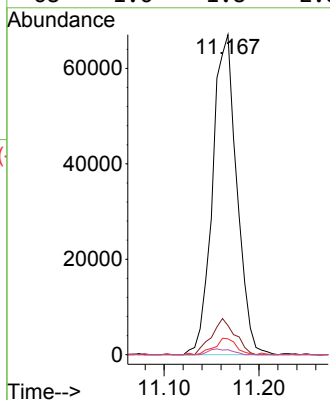
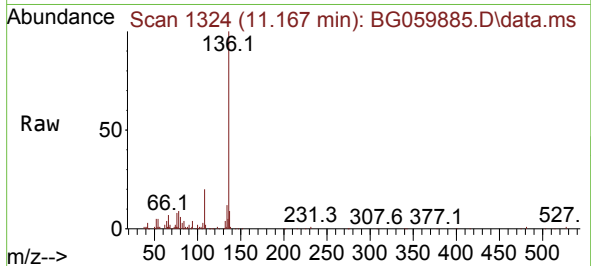




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.167 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG059885.D
Acq: 25 Nov 2023 10:35

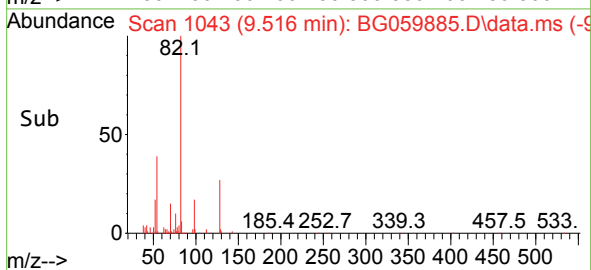
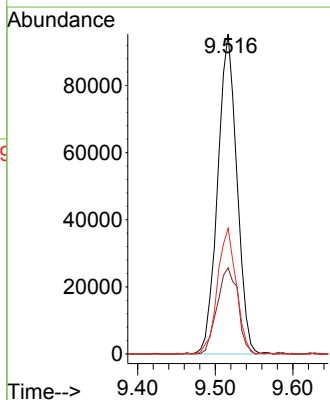
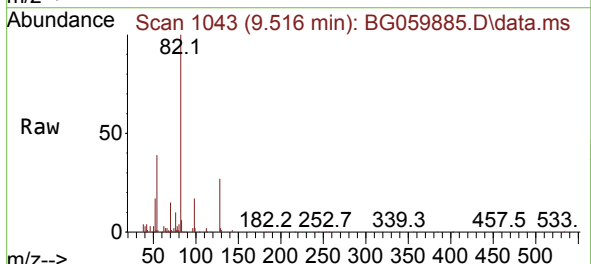
Instrument :
BNA_G
ClientSampleId :
P-13(10-15)

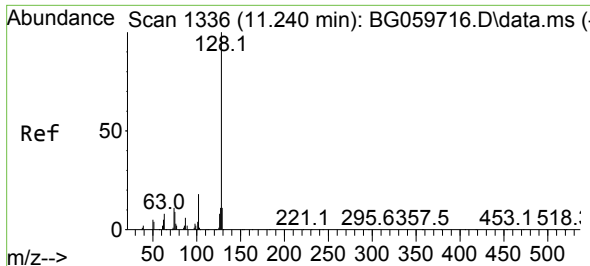
Tgt Ion:	136	Resp:	119268
Ion	Ratio	Lower	Upper
136	100		
137	9.1	7.4	11.0
54	5.0	3.1	4.7#
68	1.6	1.8	2.8#



#23
Nitrobenzene-d5
Concen: 52.739 ng
RT: 9.516 min Scan# 1043
Delta R.T. -0.009 min
Lab File: BG059885.D
Acq: 25 Nov 2023 10:35

Tgt Ion:	82	Resp:	164695
Ion	Ratio	Lower	Upper
82	100		
128	26.9	23.0	34.6
54	39.2	28.7	43.1

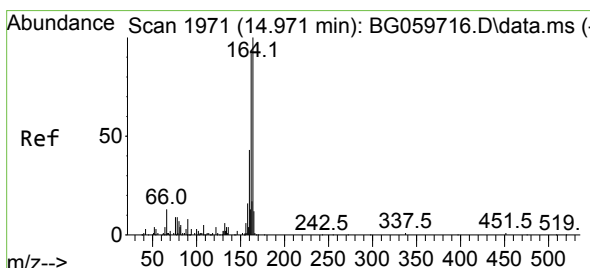
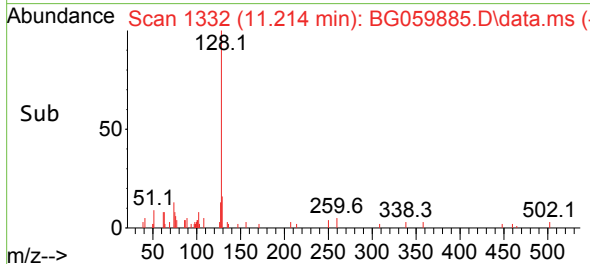
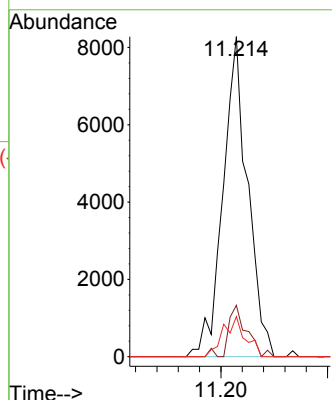
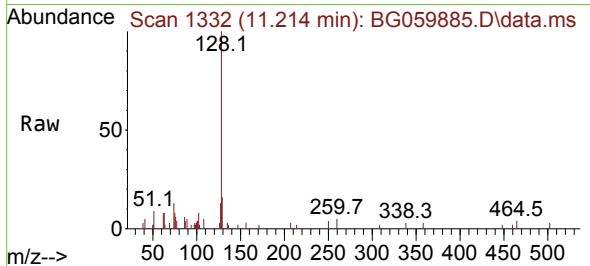




#31
Naphthalene
Concen: 2.216 ng
RT: 11.214 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG059885.D
Acq: 25 Nov 2023 10:35

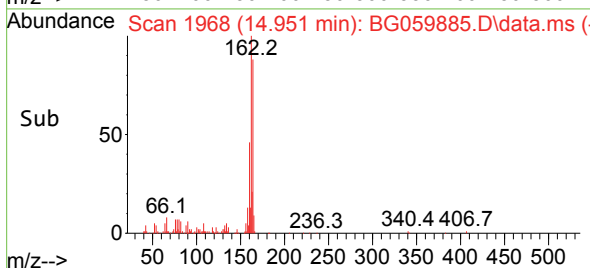
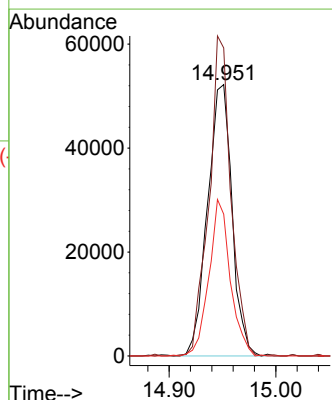
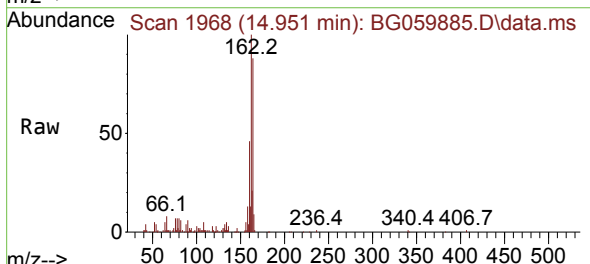
Instrument :
BNA_G
ClientSampleId :
P-13(10-15)

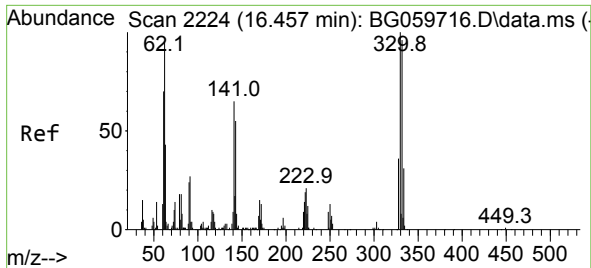
Tgt Ion:128 Resp: 13292
Ion Ratio Lower Upper
128 100
129 16.1 8.7 13.1#
127 12.6 9.2 13.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.951 min Scan# 1968
Delta R.T. -0.003 min
Lab File: BG059885.D
Acq: 25 Nov 2023 10:35

Tgt Ion:164 Resp: 82940
Ion Ratio Lower Upper
164 100
162 113.5 73.3 109.9#
160 52.3 34.1 51.1#

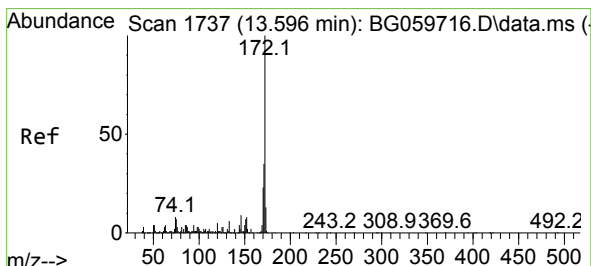
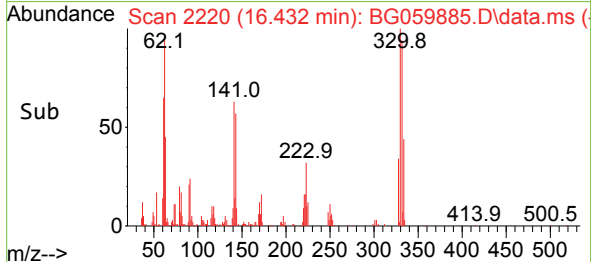
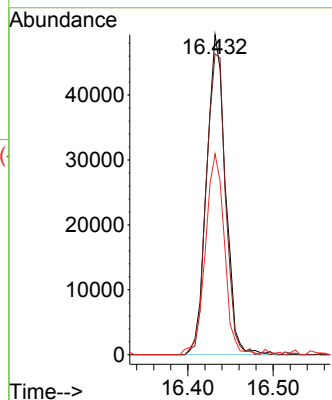
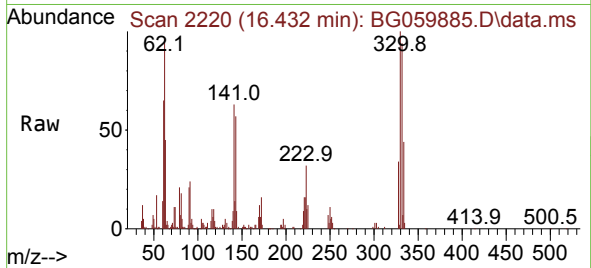




#42
2,4,6-Tribromophenol
Concen: 80.533 ng
RT: 16.432 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG059885.D
Acq: 25 Nov 2023 10:35

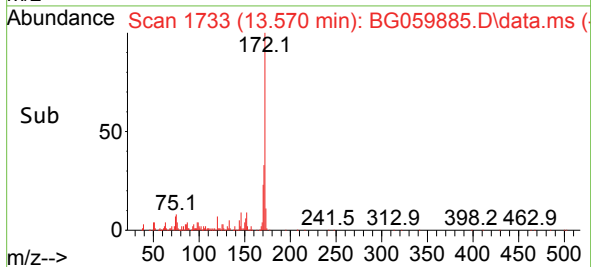
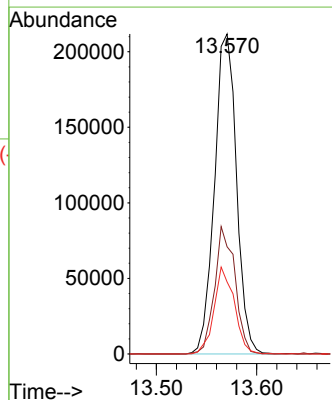
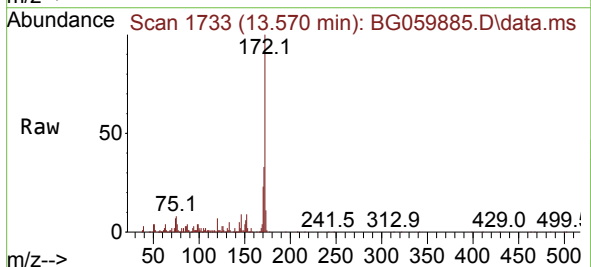
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ClientSampleId :
P-13(10-15)

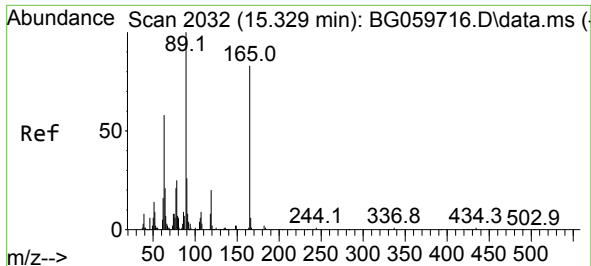
Tgt Ion:330 Resp: 75786
Ion Ratio Lower Upper
330 100
332 95.9 73.3 109.9
141 63.0 52.1 78.1



#45
2-Fluorobiphenyl
Concen: 52.323 ng
RT: 13.570 min Scan# 1733
Delta R.T. -0.009 min
Lab File: BG059885.D
Acq: 25 Nov 2023 10:35

Tgt Ion:172 Resp: 322400
Ion Ratio Lower Upper
172 100
171 33.5 27.7 41.5
170 22.5 18.4 27.6

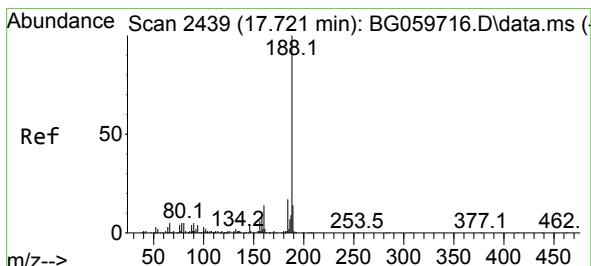
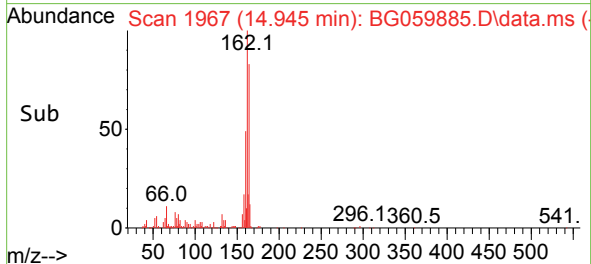
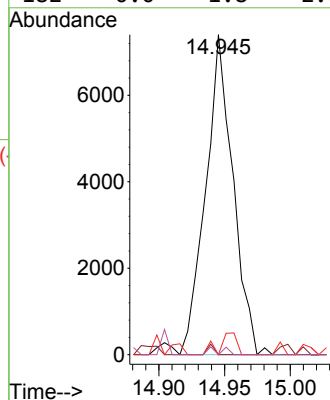
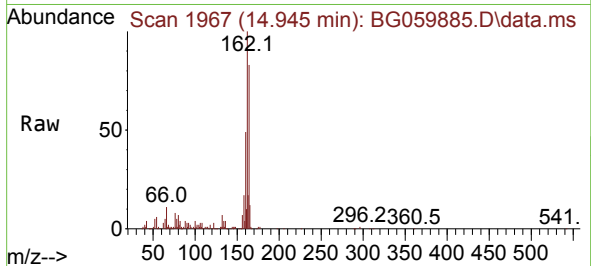




#57
2,4-Dinitrotoluene
Concen: 5.712 ng
RT: 14.945 min Scan# 1967
Delta R.T. -0.379 min
Lab File: BG059885.D
Acq: 25 Nov 2023 10:35

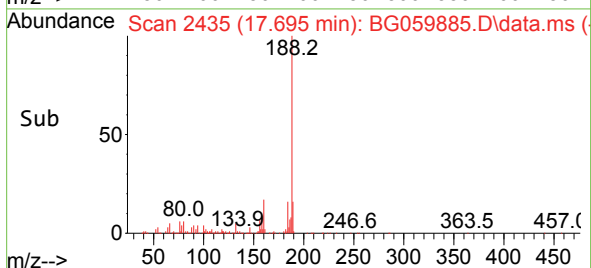
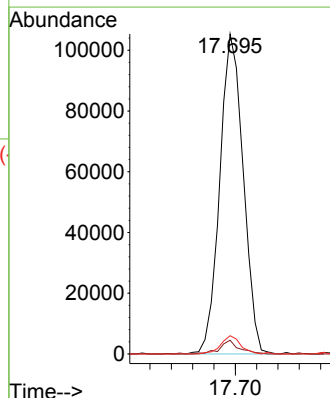
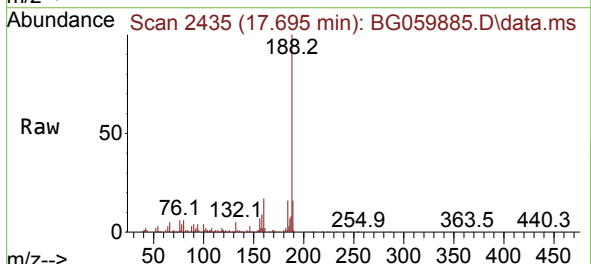
Instrument :
BNA_G
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P-13(10-15)

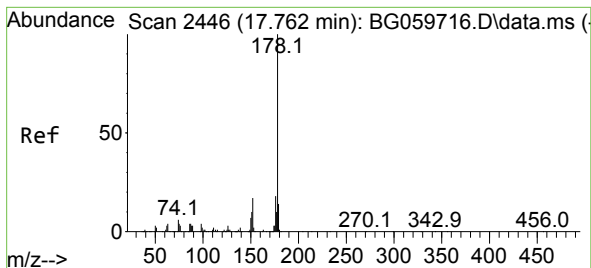
Tgt Ion:165 Resp: 10710
Ion Ratio Lower Upper
165 100
63 0.0 55.8 83.8#
89 0.0 96.9 145.3#
182 0.0 1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.695 min Scan# 2435
Delta R.T. -0.014 min
Lab File: BG059885.D
Acq: 25 Nov 2023 10:35

Tgt Ion:188 Resp: 160895
Ion Ratio Lower Upper
188 100
94 4.3 3.0 4.4
80 5.7 4.2 6.4





#71

Phenanthrene

Concen: 3.477 ng

RT: 17.742 min Scan# 2446

Delta R.T. -0.009 min

Lab File: BG059885.D

Acq: 25 Nov 2023 10:35

Instrument :

BNA_G

ClientSampleId :

P-13(10-15)

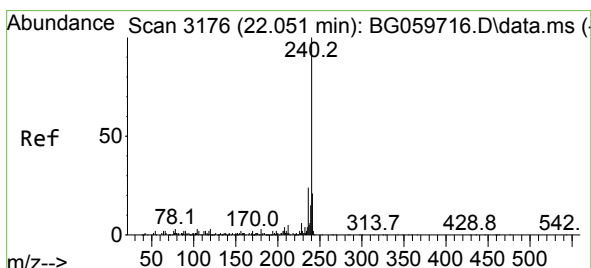
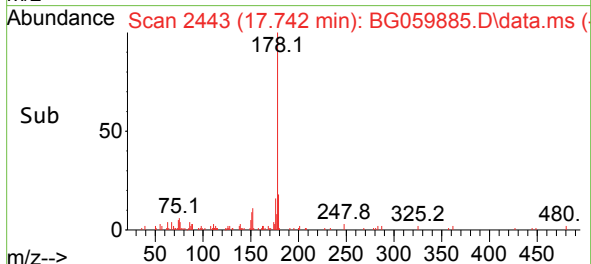
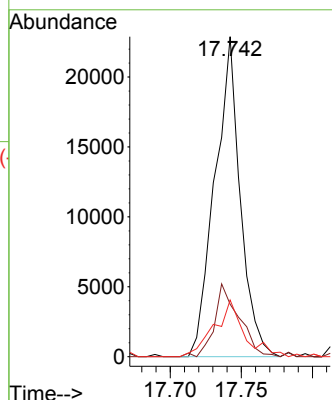
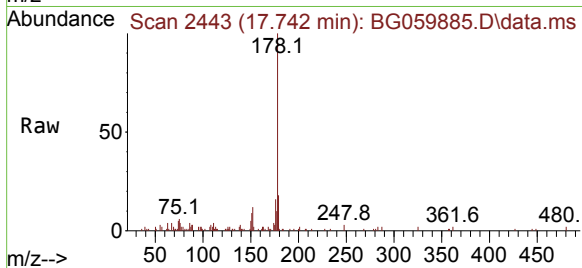
Tgt Ion:178 Resp: 28441

Ion Ratio Lower Upper

178 100

176 16.4 14.5 21.7

179 17.7 11.2 16.8#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.019 min Scan# 3171

Delta R.T. -0.014 min

Lab File: BG059885.D

Acq: 25 Nov 2023 10:35

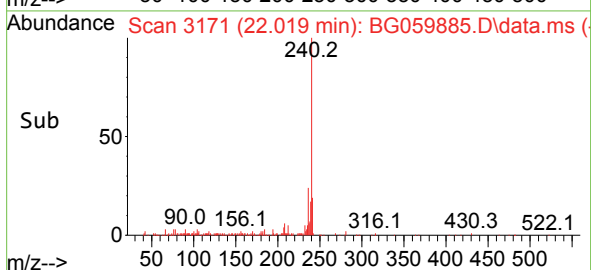
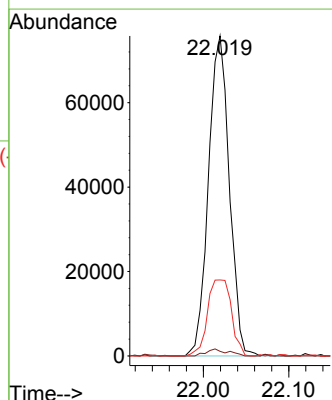
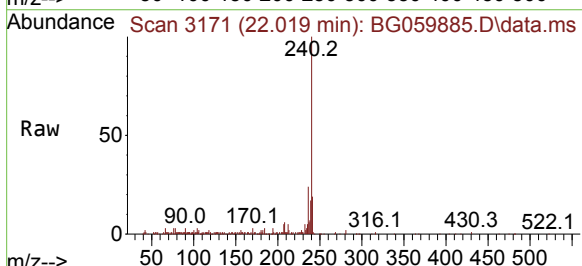
Tgt Ion:240 Resp: 128980

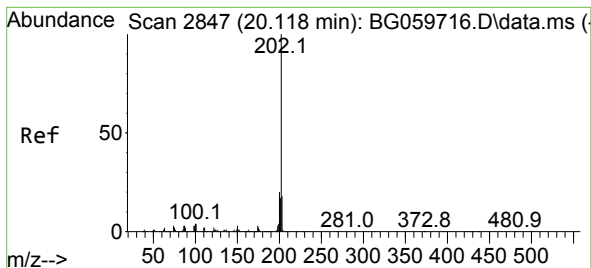
Ion Ratio Lower Upper

240 100

120 1.4 2.2 3.2#

236 23.7 19.4 29.2





#78

Pyrene

Concen: 2.726 ng

RT: 20.092 min Scan# 2

Delta R.T. -0.014 min

Lab File: BG059885.D

Acq: 25 Nov 2023 10:35

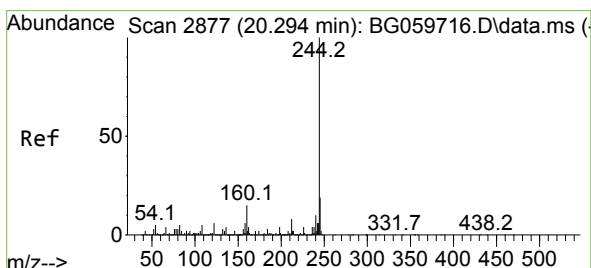
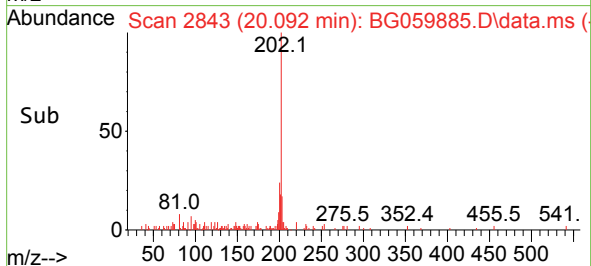
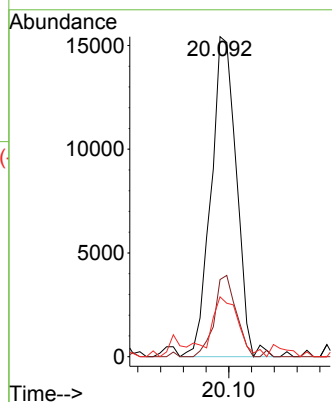
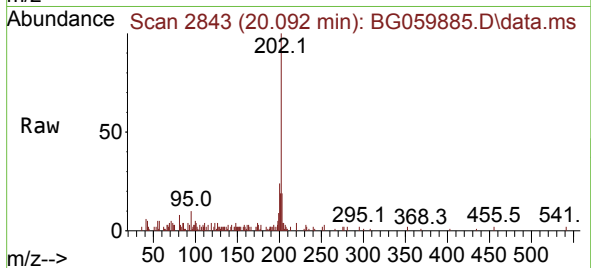
Instrument :

BNA_G

ClientSampleId :

P-13(10-15)

Tgt Ion:	202	Resp:	23922
Ion Ratio	Lower	Upper	
202	100		
200	24.1	16.2	24.4
203	18.7	14.0	21.0



#79

Terphenyl-d14

Concen: 58.185 ng

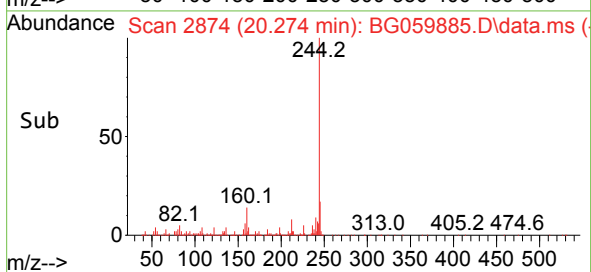
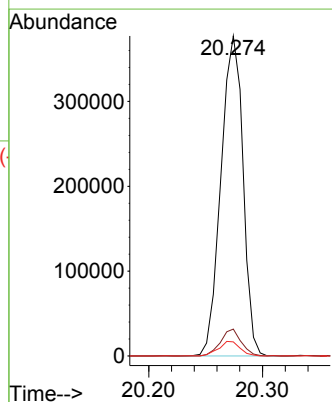
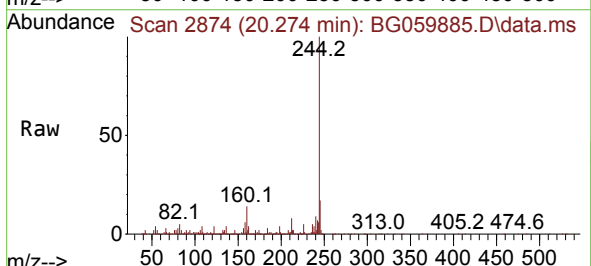
RT: 20.274 min Scan# 2874

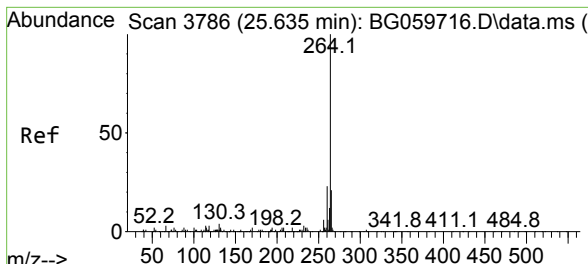
Delta R.T. -0.009 min

Lab File: BG059885.D

Acq: 25 Nov 2023 10:35

Tgt Ion:	244	Resp:	508360
Ion Ratio	Lower	Upper	
244	100		
212	8.4	6.6	10.0
122	4.4	4.4	6.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.580 min Scan# 31
 Delta R.T. -0.032 min
 Lab File: BG059885.D
 Acq: 25 Nov 2023 10:35

Instrument :
 BNA_G
 ClientSampleId :
 P-13(10-15)

Tgt Ion:264	Resp:	164508	
Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.5	27.7
265	21.3	17.0	25.6

