

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111723\
 Data File : BG059747.D
 Acq On : 18 Nov 2023 2:23
 Operator : MA/JU
 Sample : 05331-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 18 04:27:43 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)

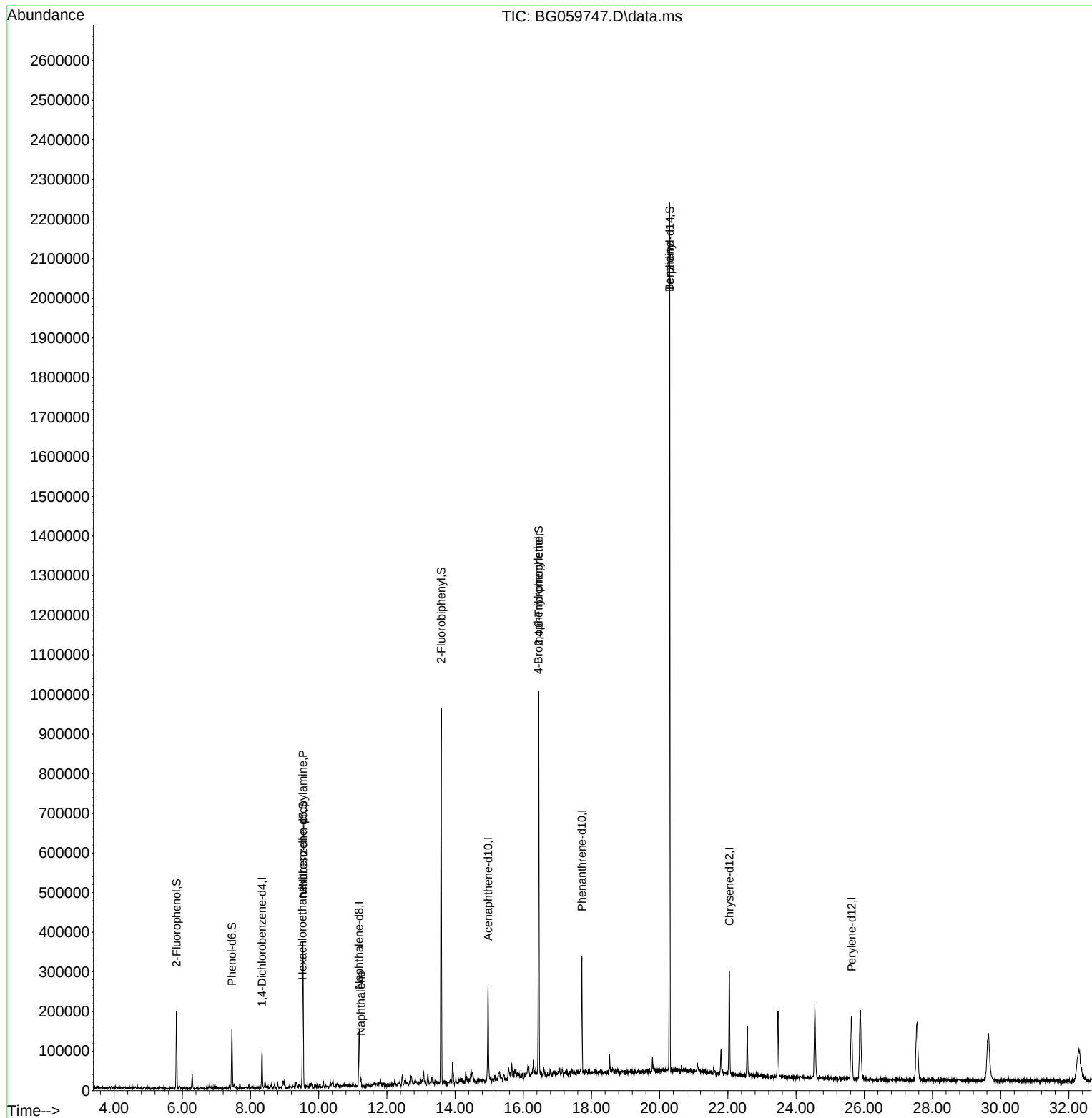
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.340	152	17929	20.000	ng	# 0.00
21) Naphthalene-d8	11.184	136	84665	20.000	ng	# 0.00
39) Acenaphthene-d10	14.968	164	59971	20.000	ng	# 0.00
64) Phenanthrene-d10	17.718	188	155334	20.000	ng	# 0.00
76) Chrysene-d12	22.042	240	149142	20.000	ng	# 0.00
86) Perylene-d12	25.632	264	184116	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.832	112	65553	61.540	ng	0.00
7) Phenol-d6	7.459	99	64039	40.568	ng	0.00
23) Nitrobenzene-d5	9.539	82	215220	97.085	ng	0.00
42) 2,4,6-Tribromophenol	16.454	330	116687	171.486	ng	0.00
45) 2-Fluorobiphenyl	13.593	172	380032	85.298	ng	0.00
79) Terphenyl-d14	20.297	244	886042	87.703	ng	0.00
Target Compounds						
						Qvalue
18) Hexachloroethane	9.521	117	22913	41.881	ng	# 10
19) n-Nitroso-di-n-propyla...	9.539	70	32885	26.455	ng	# 84
31) Naphthalene	11.237	128	12068	2.835	ng	# 66
67) 4-Bromophenyl-phenylether	16.448	248	8124	4.868	ng	# 1
77) Benzidine	20.291	184	29428	8.702	ng	94

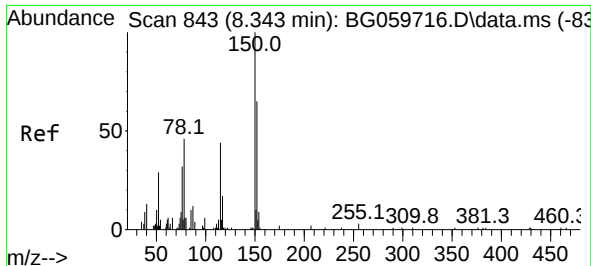
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 17 01:51:38 2023
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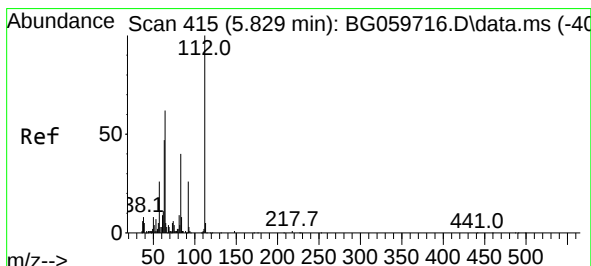
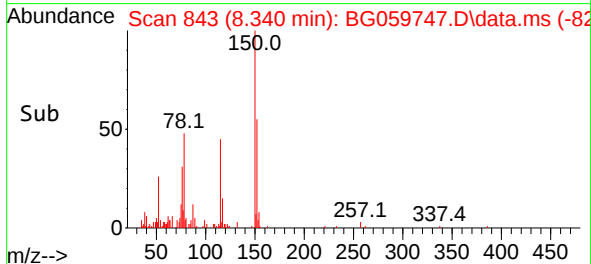
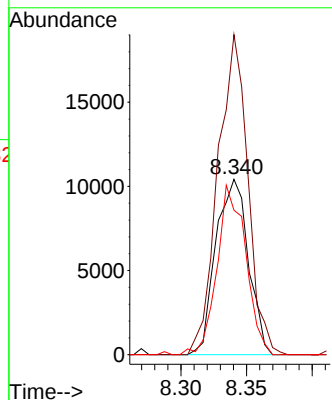
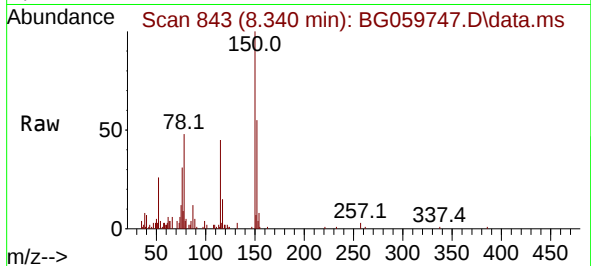




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.340 min Scan# 843
Delta R.T. -0.003 min
Lab File: BG059747.D
Acq: 18 Nov 2023 2:23

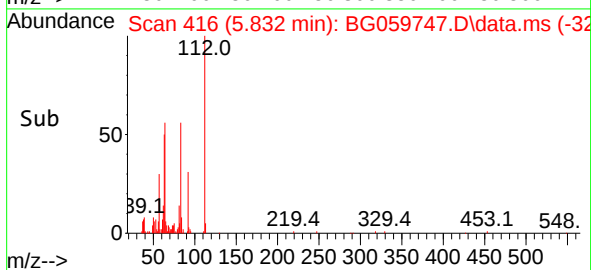
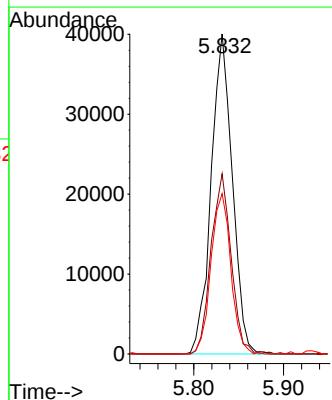
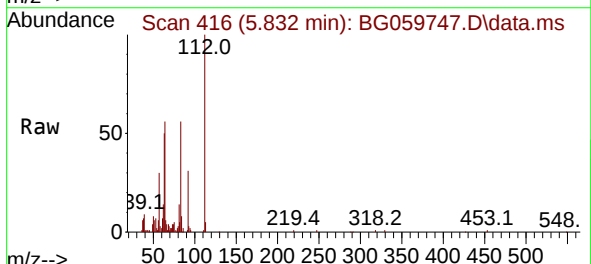
Instrument :
BNA_G
ClientSampleId :

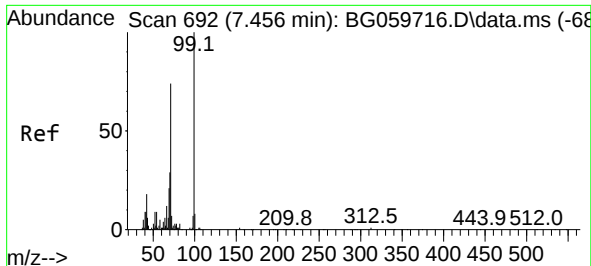
Tgt Ion:152 Resp: 17929
Ion Ratio Lower Upper
152 100
150 182.5 122.2 183.4
115 82.4 54.2 81.4#



#5
2-Fluorophenol
Concen: 61.540 ng
RT: 5.832 min Scan# 416
Delta R.T. 0.003 min
Lab File: BG059747.D
Acq: 18 Nov 2023 2:23

Tgt Ion:112 Resp: 65553
Ion Ratio Lower Upper
112 100
64 56.3 49.5 74.3
63 50.1 37.4 56.2

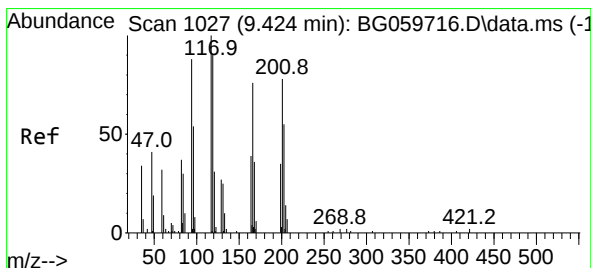
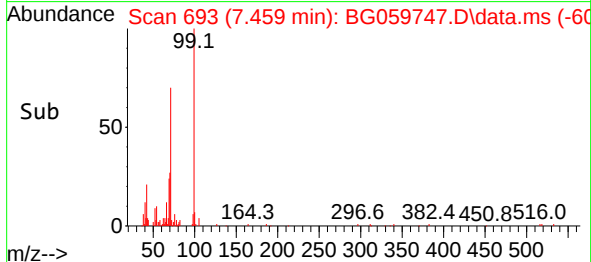
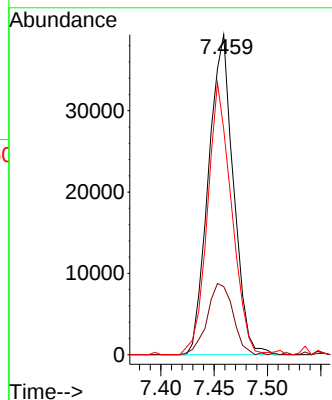
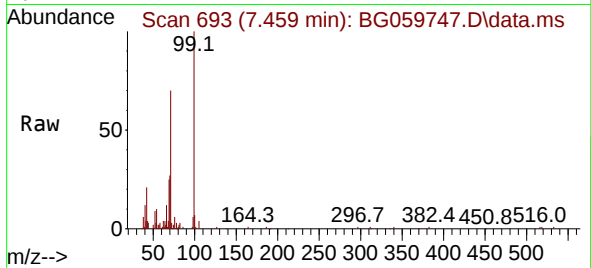




#7
Phenol-d6
Concen: 40.568 ng
RT: 7.459 min Scan# 61
Delta R.T. 0.003 min
Lab File: BG059747.D
Acq: 18 Nov 2023 2:23

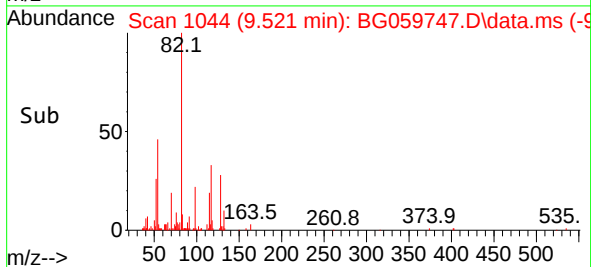
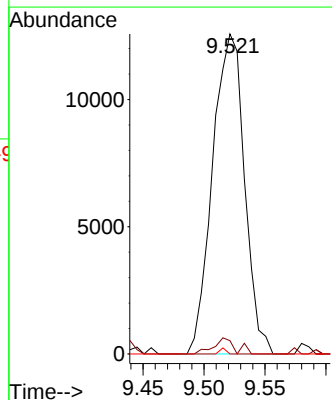
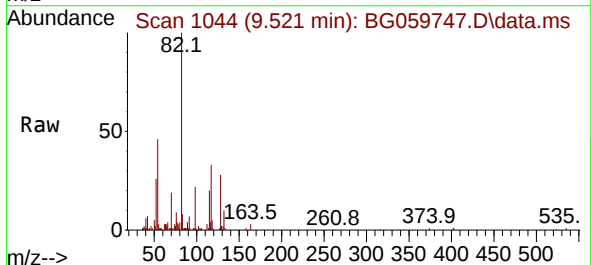
Instrument :
BNA_G
ClientSampleId :

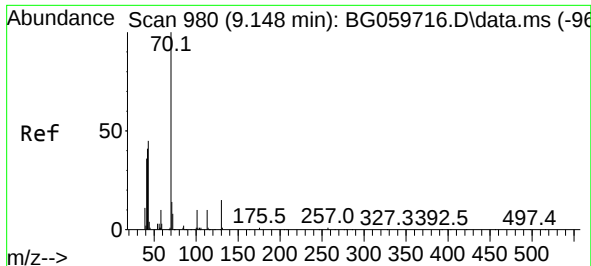
Tgt Ion: 99 Resp: 64039
Ion Ratio Lower Upper
99 100
42 21.3 14.3 21.5
71 70.4 59.3 88.9



#18
Hexachloroethane
Concen: 41.881 ng
RT: 9.521 min Scan# 1044
Delta R.T. 0.097 min
Lab File: BG059747.D
Acq: 18 Nov 2023 2:23

Tgt Ion: 117 Resp: 22913
Ion Ratio Lower Upper
117 100
119 4.2 71.8 107.8#
201 0.0 62.2 93.4#

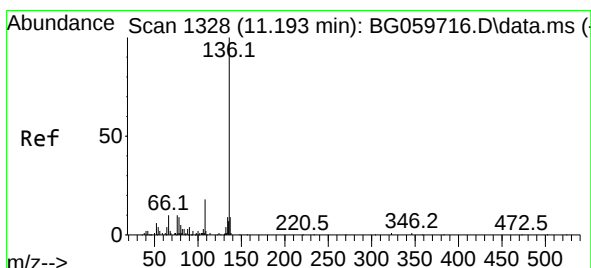
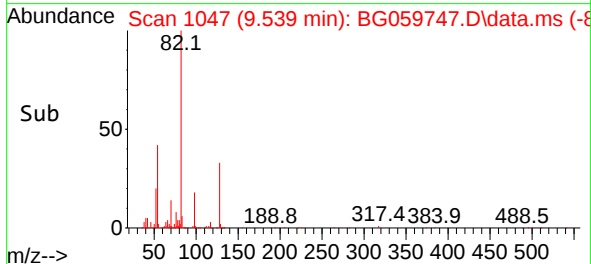
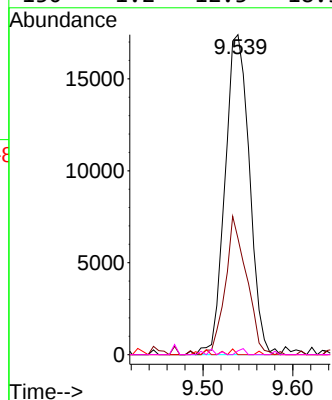
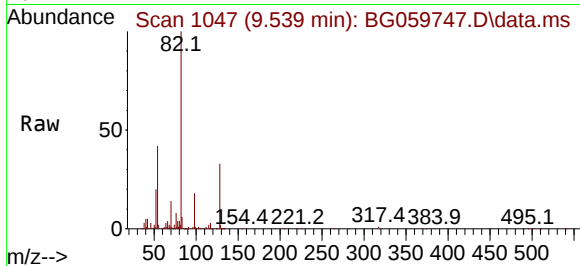




#19
n-Nitroso-di-n-propylamine
Concen: 26.455 ng
RT: 9.539 min Scan# 1047
Delta R.T. 0.391 min
Lab File: BG059747.D
Acq: 18 Nov 2023 2:23

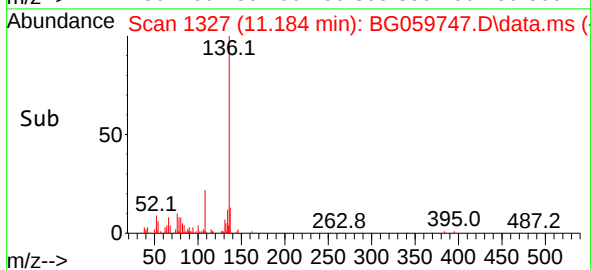
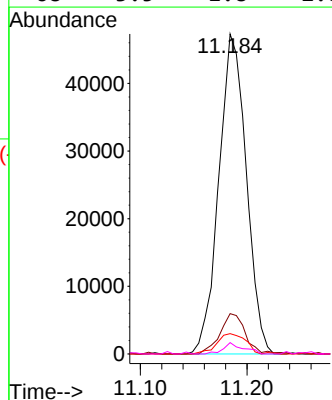
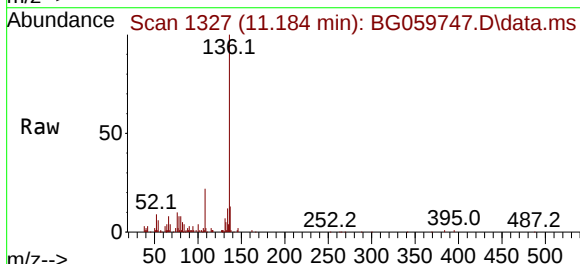
Instrument :
BNA_G
ClientSampleId :

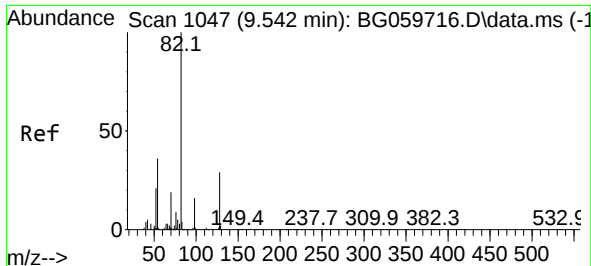
Tgt Ion: 70	Resp: 32885
Ion Ratio	Lower Upper
70 100	
42 36.3	32.8 49.2
101 0.0	7.7 11.5#
130 1.2	12.3 18.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.184 min Scan# 1327
Delta R.T. -0.009 min
Lab File: BG059747.D
Acq: 18 Nov 2023 2:23

Tgt Ion: 136	Resp: 84665
Ion Ratio	Lower Upper
136 100	
137 12.6	7.4 11.0#
54 6.4	3.1 4.7#
68 3.5	1.8 2.8#

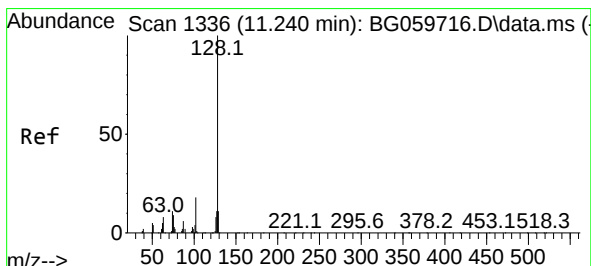
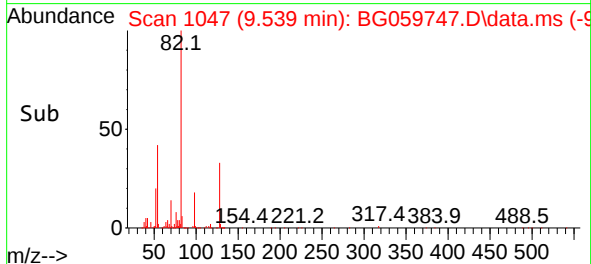
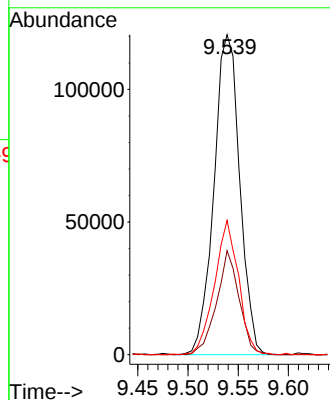
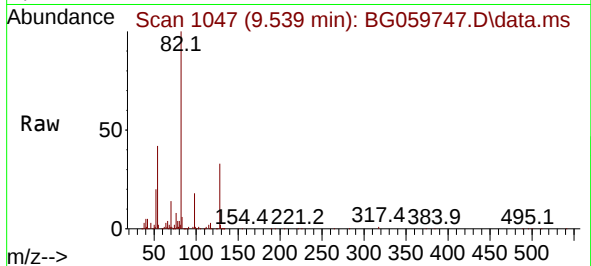




#23
Nitrobenzene-d5
Concen: 97.085 ng
RT: 9.539 min Scan# 1047
Delta R.T. -0.003 min
Lab File: BG059747.D
Acq: 18 Nov 2023 2:23

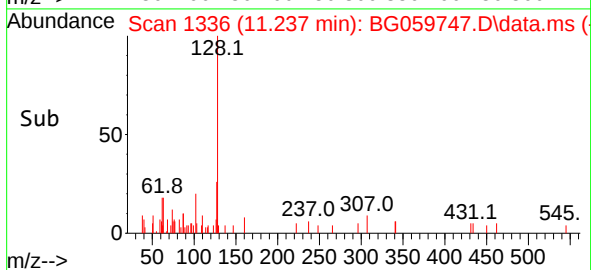
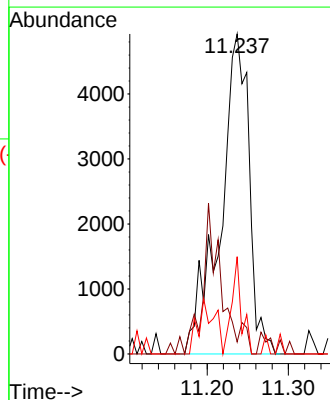
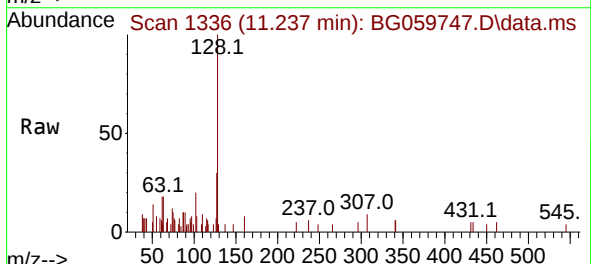
Instrument :
BNA_G
ClientSampleId :

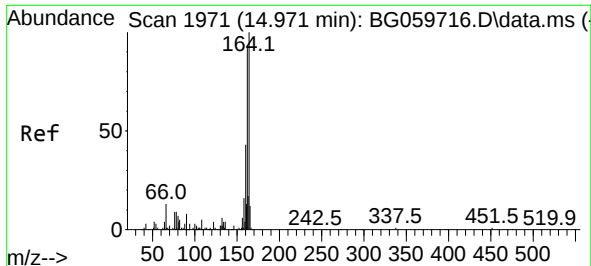
Tgt Ion: 82 Resp: 215220
Ion Ratio Lower Upper
82 100
128 32.5 23.0 34.6
54 41.9 28.7 43.1



#31
Naphthalene
Concen: 2.835 ng
RT: 11.237 min Scan# 1336
Delta R.T. -0.003 min
Lab File: BG059747.D
Acq: 18 Nov 2023 2:23

Tgt Ion: 128 Resp: 12068
Ion Ratio Lower Upper
128 100
129 3.8 8.7 13.1#
127 30.4 9.2 13.8#

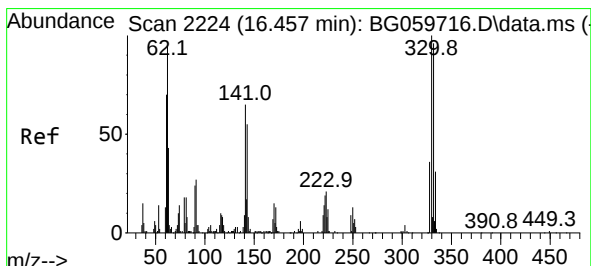
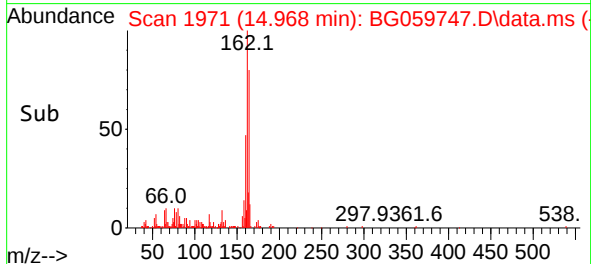
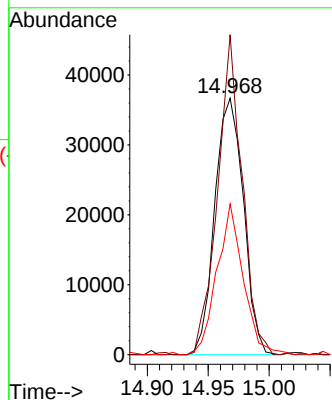
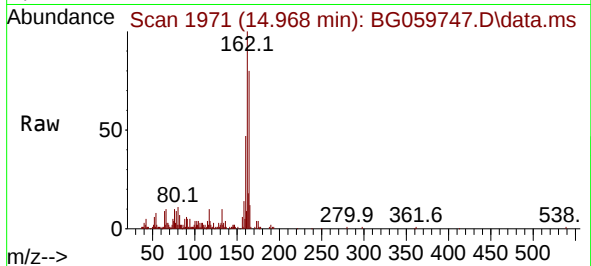




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.968 min Scan# 1971
Delta R.T. -0.003 min
Lab File: BG059747.D
Acq: 18 Nov 2023 2:23

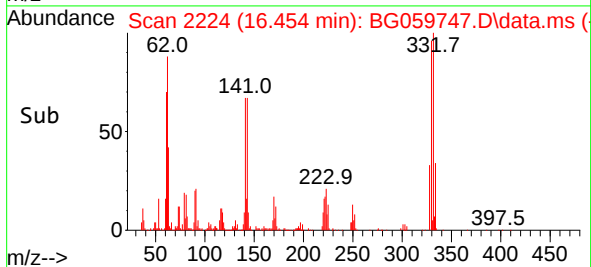
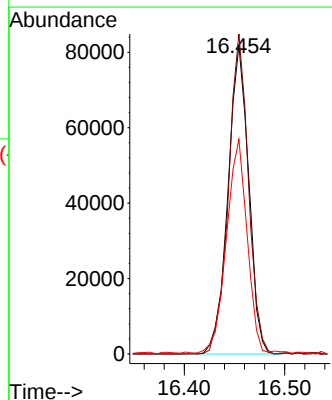
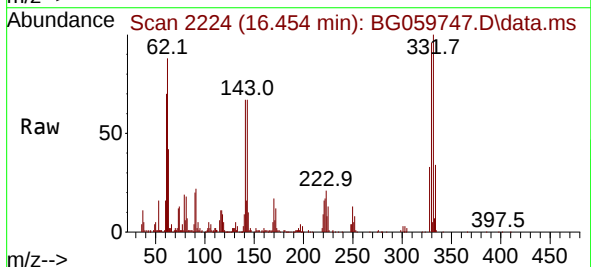
Instrument :
BNA_G
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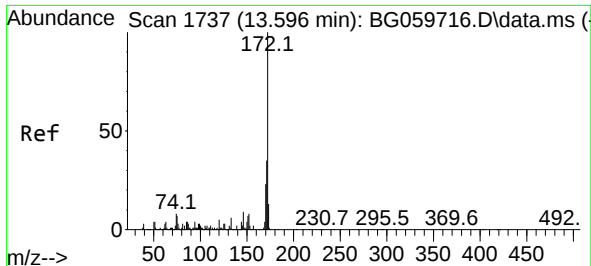
Tgt Ion:164 Resp: 59971
Ion Ratio Lower Upper
164 100
162 124.7 73.3 109.9#
160 58.8 34.1 51.1#



#42
2,4,6-Tribromophenol
Concen: 171.486 ng
RT: 16.454 min Scan# 2224
Delta R.T. -0.003 min
Lab File: BG059747.D
Acq: 18 Nov 2023 2:23

Tgt Ion:330 Resp: 116687
Ion Ratio Lower Upper
330 100
332 100.2 73.3 109.9
141 69.7 52.1 78.1

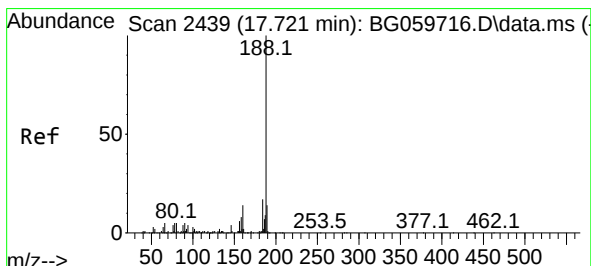
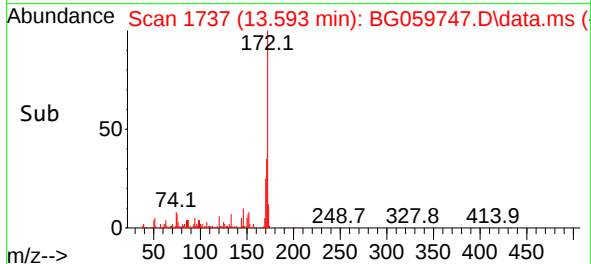
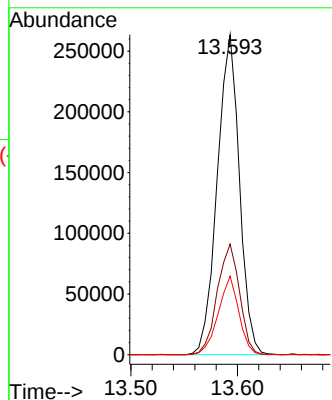
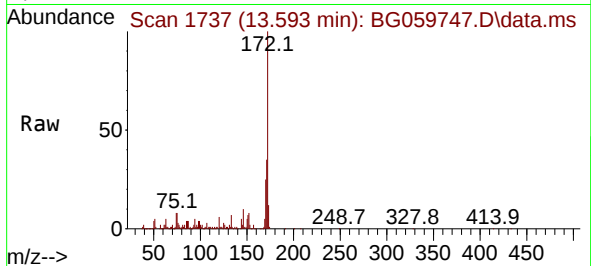




#45
2-Fluorobiphenyl
Concen: 85.298 ng
RT: 13.593 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG059747.D
Acq: 18 Nov 2023 2:23

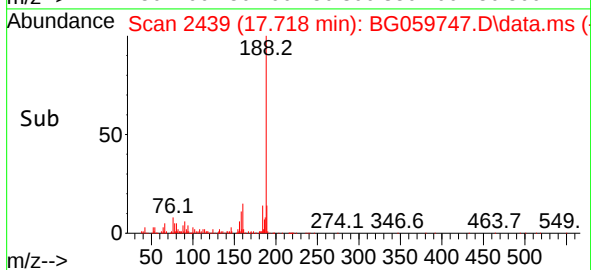
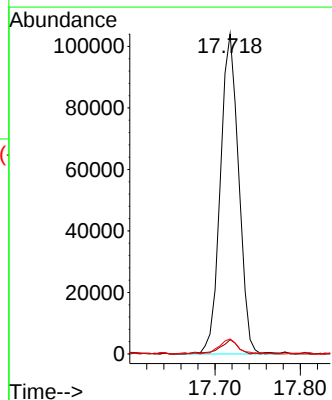
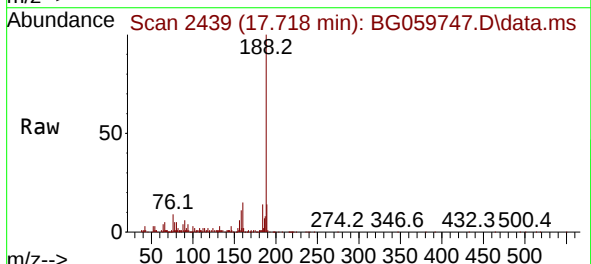
Instrument :
BNA_G
ClientSampleId :

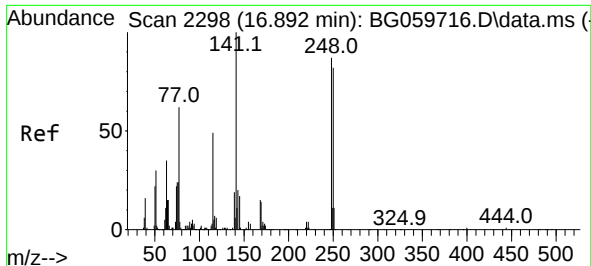
Tgt Ion:172 Resp: 380032
Ion Ratio Lower Upper
172 100
171 34.6 27.7 41.5
170 24.6 18.4 27.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.718 min Scan# 2439
Delta R.T. -0.003 min
Lab File: BG059747.D
Acq: 18 Nov 2023 2:23

Tgt Ion:188 Resp: 155334
Ion Ratio Lower Upper
188 100
94 4.4 3.0 4.4#
80 4.7 4.2 6.4

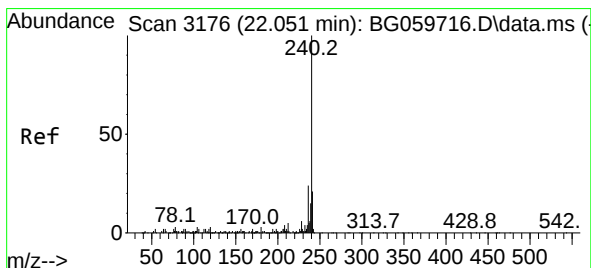
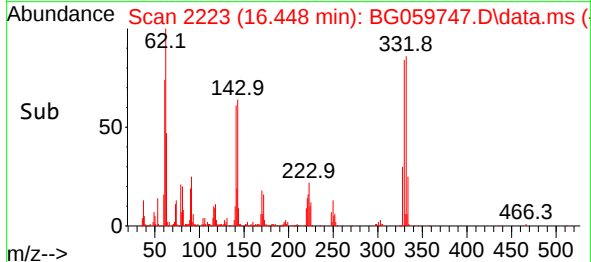
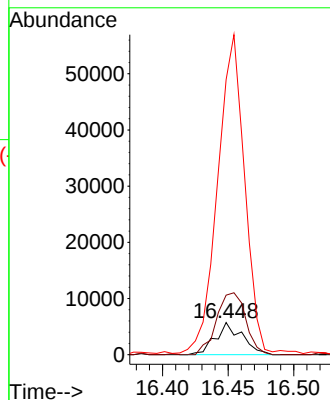
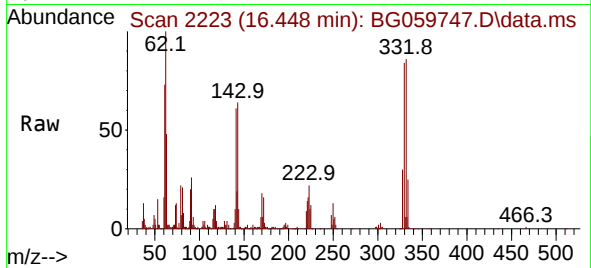




#67
4-Bromophenyl-phenylether
Concen: 4.868 ng
RT: 16.448 min Scan# 21
Delta R.T. -0.444 min
Lab File: BG059747.D
Acq: 18 Nov 2023 2:23

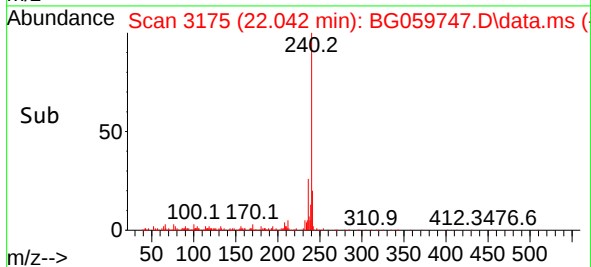
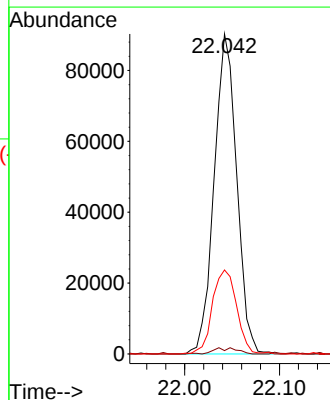
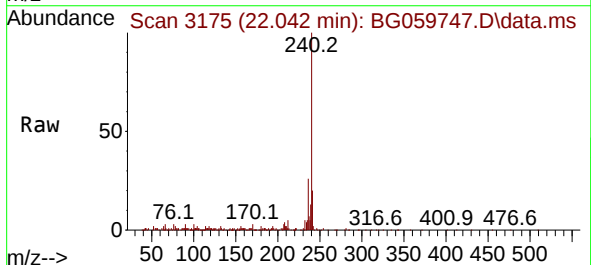
Instrument :
BNA_G
ClientSampleId :

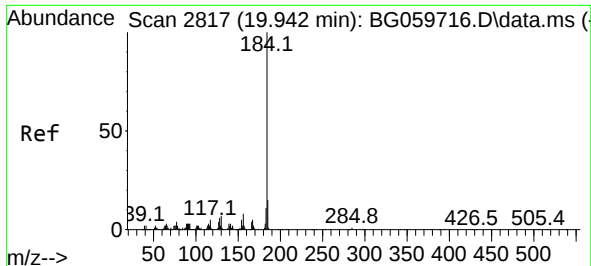
Tgt Ion:248 Resp: 8124
Ion Ratio Lower Upper
248 100
250 185.0 75.2 112.8#
141 855.0 91.5 137.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.042 min Scan# 3175
Delta R.T. -0.009 min
Lab File: BG059747.D
Acq: 18 Nov 2023 2:23

Tgt Ion:240 Resp: 149142
Ion Ratio Lower Upper
240 100
120 1.0 2.2 3.2#
236 26.3 19.4 29.2

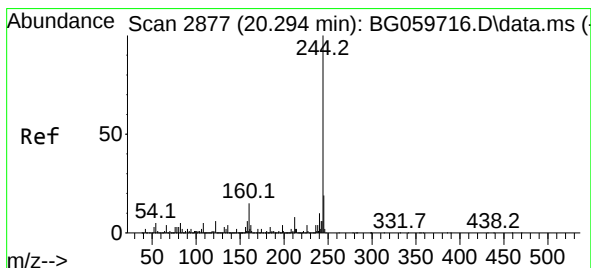
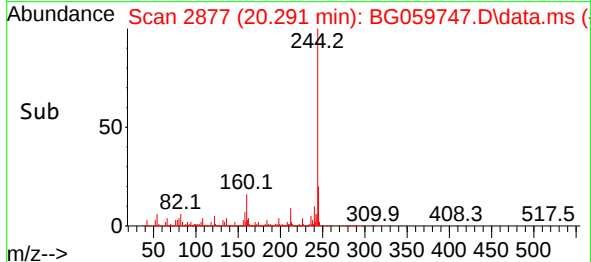
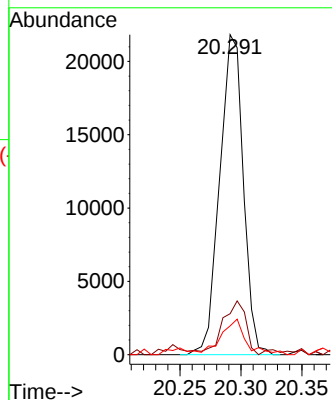
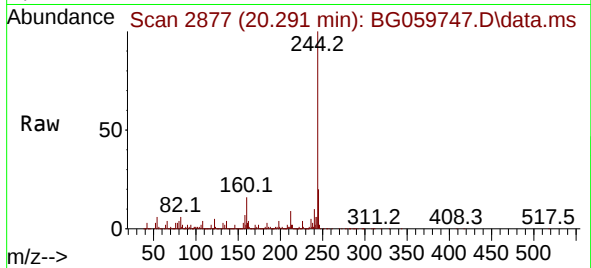




#77
Benzidine
Concen: 8.702 ng
RT: 20.291 min Scan# 21
Delta R.T. 0.349 min
Lab File: BG059747.D
Acq: 18 Nov 2023 2:23

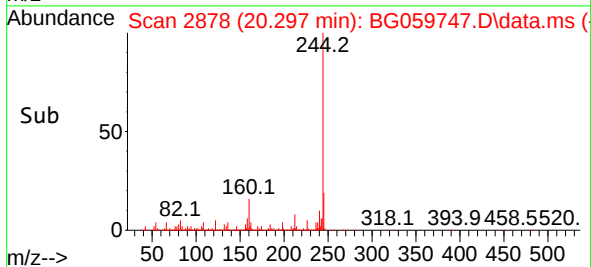
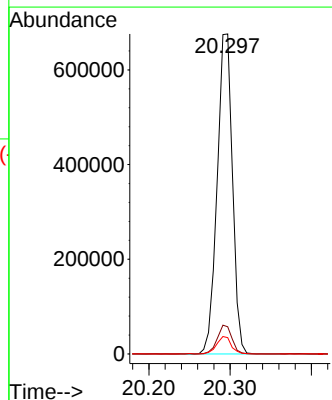
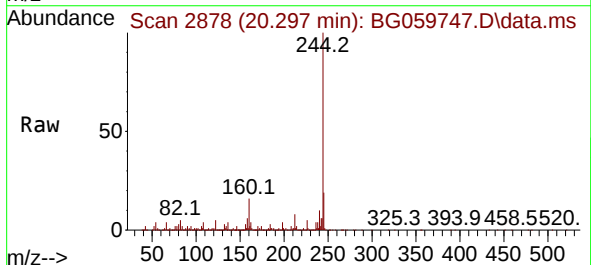
Instrument :
BNA_G
ClientSampleId :

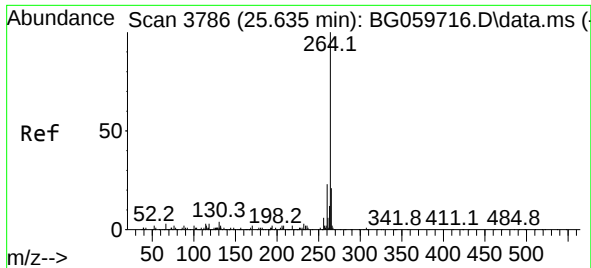
Tgt Ion:184 Resp: 29428
Ion Ratio Lower Upper
184 100
185 12.8 12.2 18.2
183 9.0 8.8 13.2



#79
Terphenyl-d14
Concen: 87.703 ng
RT: 20.297 min Scan# 2878
Delta R.T. 0.003 min
Lab File: BG059747.D
Acq: 18 Nov 2023 2:23

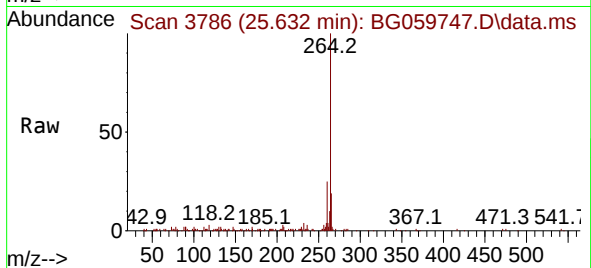
Tgt Ion:244 Resp: 886042
Ion Ratio Lower Upper
244 100
212 8.5 6.6 10.0
122 5.1 4.4 6.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.632 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: BG059747.D
 Acq: 18 Nov 2023 2:23

Instrument :
 BNA_G
 ClientSampleId :



Tgt Ion:264 Resp: 184116

Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.5	27.7
265	18.9	17.0	25.6

