

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111723\
 Data File : BG059749.D
 Acq On : 18 Nov 2023 3:46
 Operator : MA/JU
 Sample : 05418-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 18 05:18:26 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)

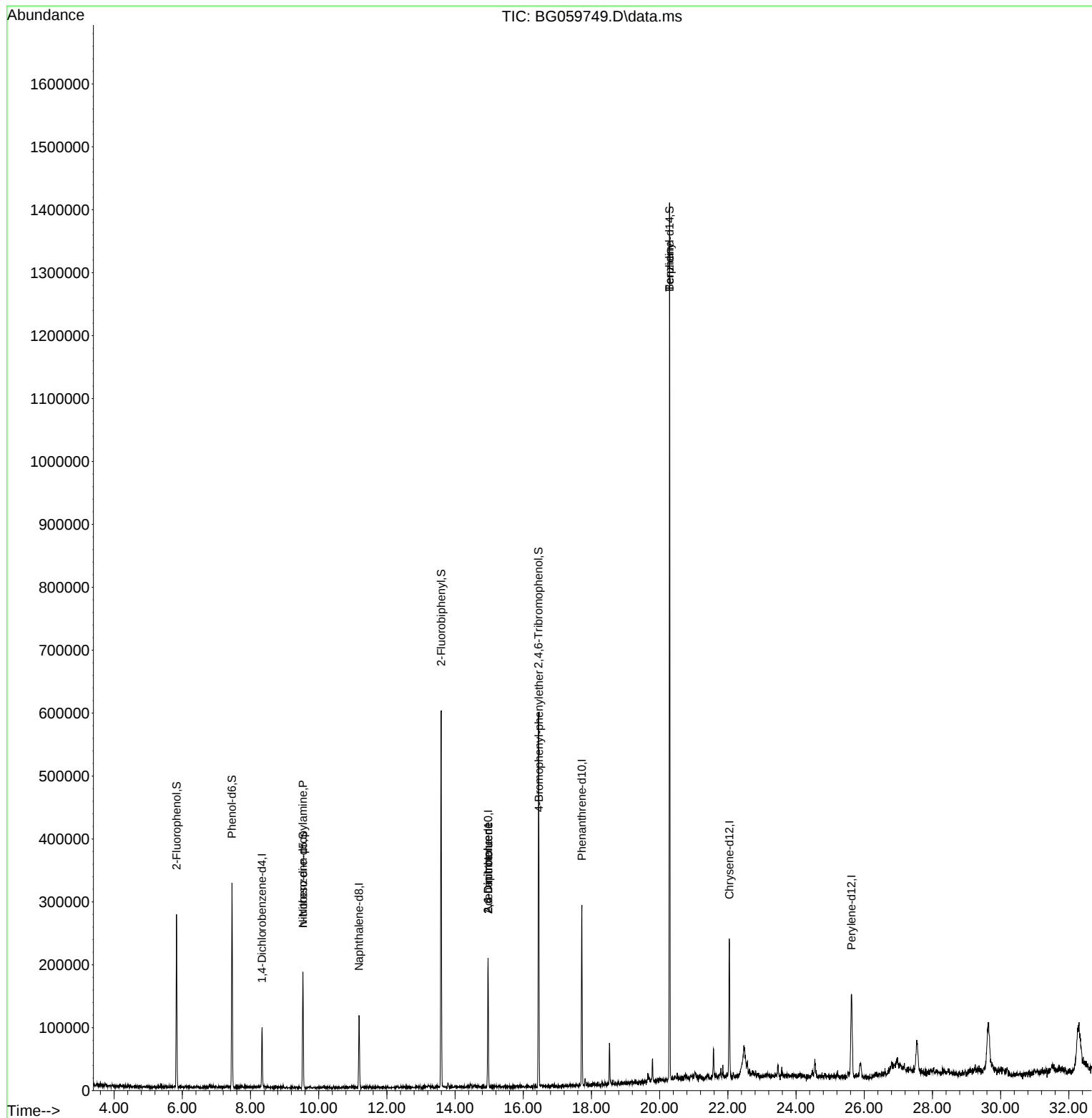
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.341	152	17972	20.000	ng	0.00
21) Naphthalene-d8	11.185	136	75625	20.000	ng	# 0.00
39) Acenaphthene-d10	14.968	164	62949	20.000	ng	0.00
64) Phenanthrene-d10	17.718	188	152308	20.000	ng	# 0.00
76) Chrysene-d12	22.048	240	131362	20.000	ng	# 0.00
86) Perylene-d12	25.626	264	157951	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.832	112	90868	85.101	ng	0.00
7) Phenol-d6	7.460	99	125075	79.045	ng	0.00
23) Nitrobenzene-d5	9.539	82	104109	52.577	ng	0.00
42) 2,4,6-Tribromophenol	16.449	330	73123	102.380	ng	0.00
45) 2-Fluorobiphenyl	13.594	172	255717	54.680	ng	0.00
79) Terphenyl-d14	20.292	244	535572	60.188	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.539	70	18330	14.710	ng	# 80
51) 2,6-Dinitrotoluene	14.968	165	6633	7.167	ng	# 1
57) 2,4-Dinitrotoluene	14.968	165	6633	4.661	ng	# 5
67) 4-Bromophenyl-phenylether	16.461	248	4710	2.879	ng	# 1
77) Benzidine	20.292	184	17247	5.790	ng	97

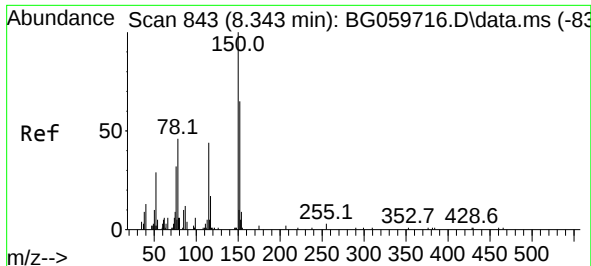
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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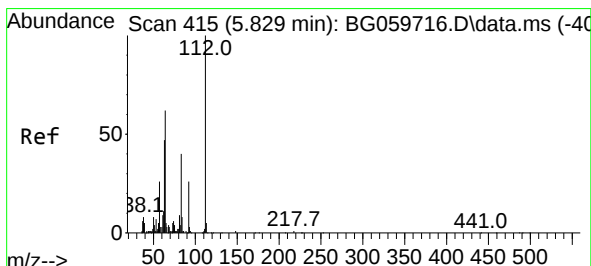
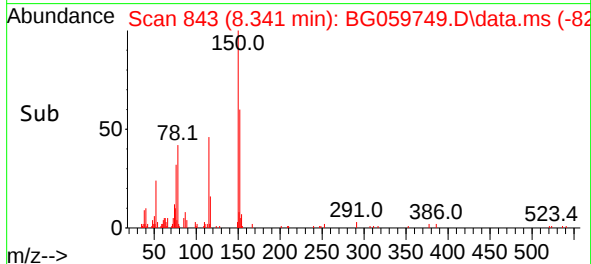
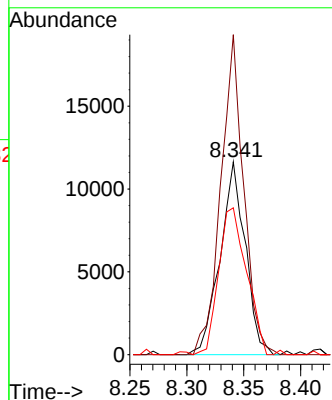
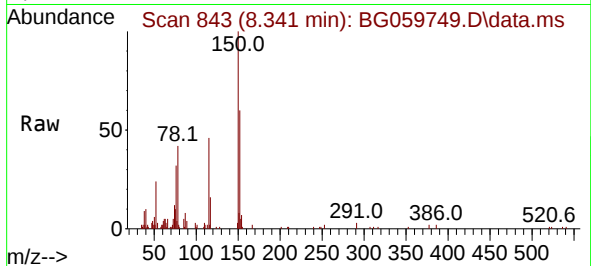




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.341 min Scan# 84
Delta R.T. -0.002 min
Lab File: BG059749.D
Acq: 18 Nov 2023 3:46

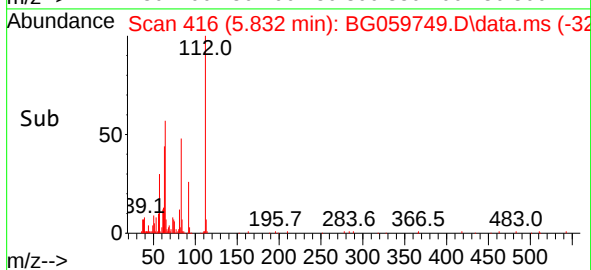
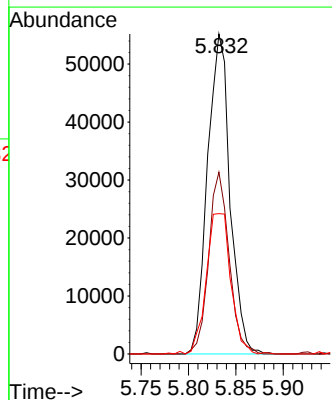
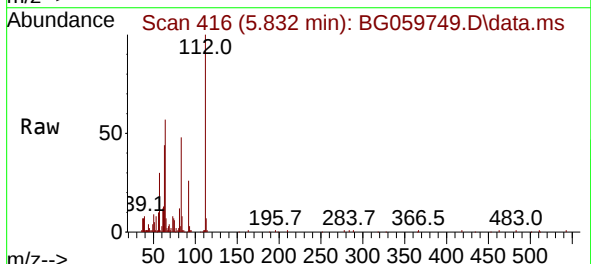
Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 17972
Ion Ratio Lower Upper
152 100
150 166.0 122.2 183.4
115 76.2 54.2 81.4



#5
2-Fluorophenol
Concen: 85.101 ng
RT: 5.832 min Scan# 416
Delta R.T. 0.003 min
Lab File: BG059749.D
Acq: 18 Nov 2023 3:46

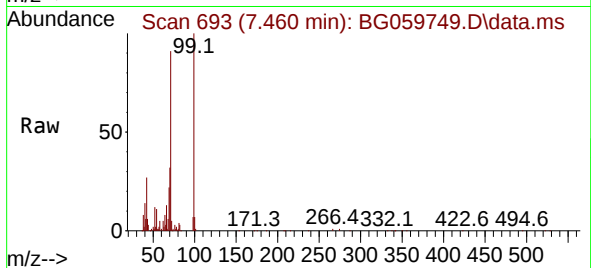
Tgt Ion:112 Resp: 90868
Ion Ratio Lower Upper
112 100
64 56.8 49.5 74.3
63 43.8 37.4 56.2



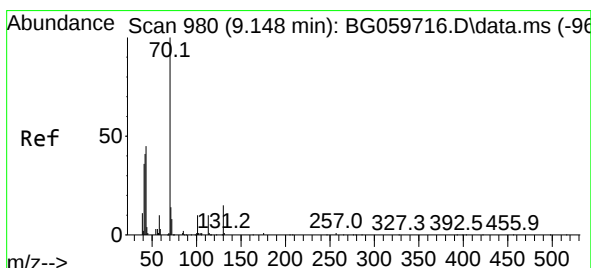
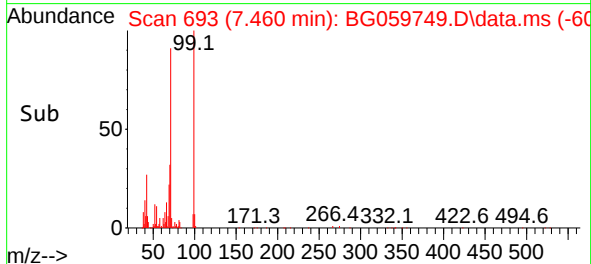
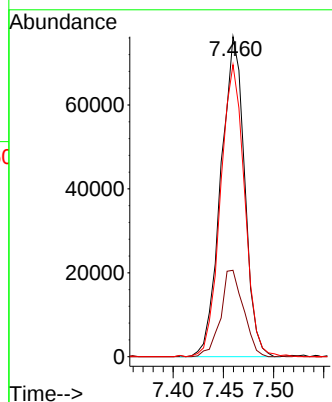


#7
Phenol-d6
Concen: 79.045 ng
RT: 7.460 min Scan# 61
Delta R.T. 0.003 min
Lab File: BG059749.D
Acq: 18 Nov 2023 3:46

Instrument :
BNA_G
ClientSampleId :

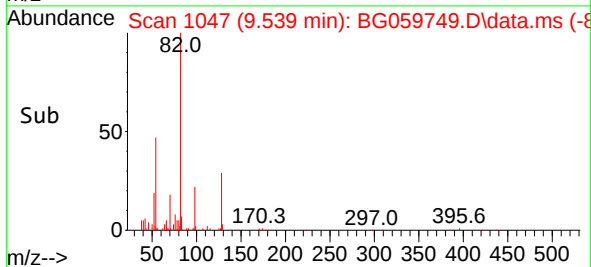
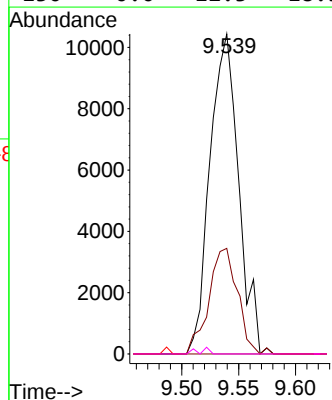
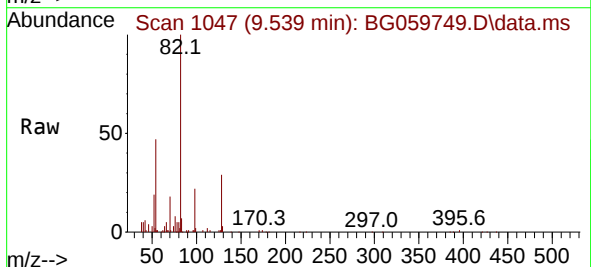


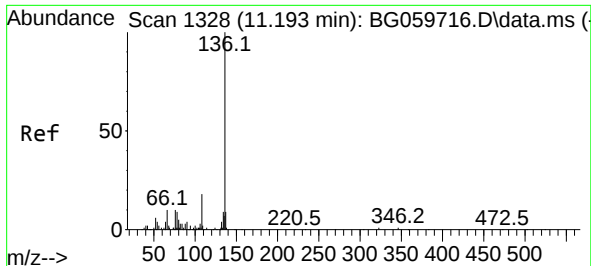
Tgt Ion: 99 Resp: 125075
Ion Ratio Lower Upper
99 100
42 27.0 14.3 21.5#
71 91.3 59.3 88.9#



#19
n-Nitroso-di-n-propylamine
Concen: 14.710 ng
RT: 9.539 min Scan# 1047
Delta R.T. 0.391 min
Lab File: BG059749.D
Acq: 18 Nov 2023 3:46

Tgt Ion: 70 Resp: 18330
Ion Ratio Lower Upper
70 100
42 33.0 32.8 49.2
101 0.0 7.7 11.5#
130 0.0 12.3 18.5#

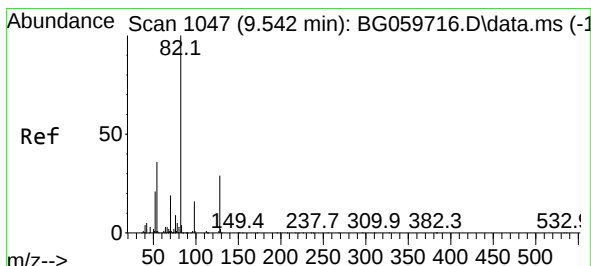
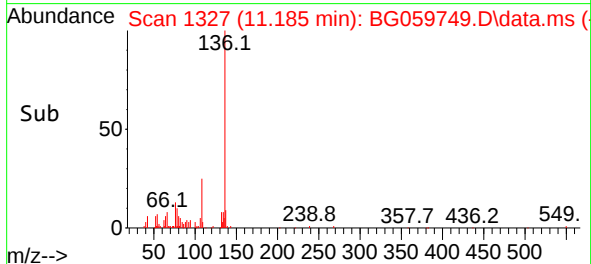
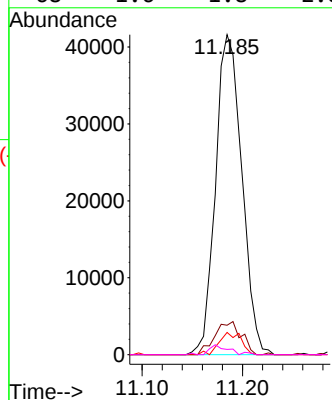
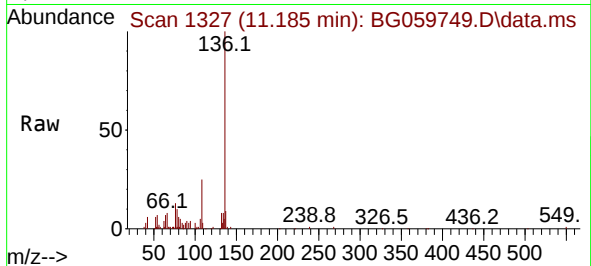




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.185 min Scan# 111
Delta R.T. -0.008 min
Lab File: BG059749.D
Acq: 18 Nov 2023 3:46

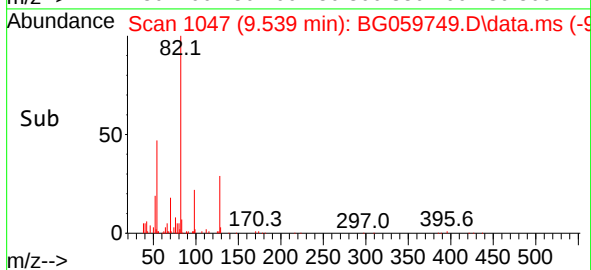
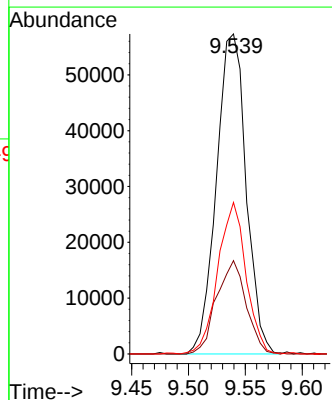
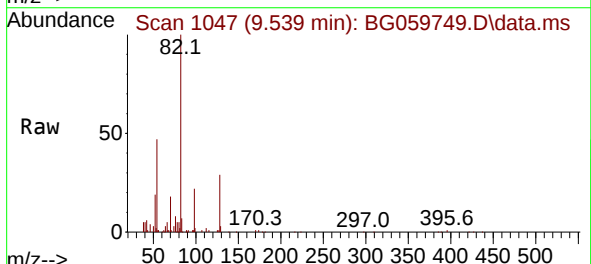
Instrument :
BNA_G
ClientSampleId :

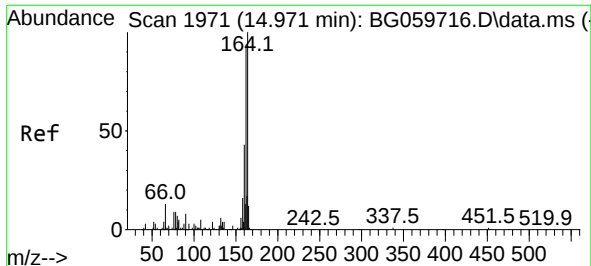
Tgt Ion:	136	Resp:	75625
Ion Ratio	Lower	Upper	
136	100		
137	9.2	7.4	11.0
54	7.0	3.1	4.7#
68	1.6	1.8	2.8#



#23
Nitrobenzene-d5
Concen: 52.577 ng
RT: 9.539 min Scan# 1047
Delta R.T. -0.003 min
Lab File: BG059749.D
Acq: 18 Nov 2023 3:46

Tgt Ion:	82	Resp:	104109
Ion Ratio	Lower	Upper	
82	100		
128	29.2	23.0	34.6
54	47.4	28.7	43.1#

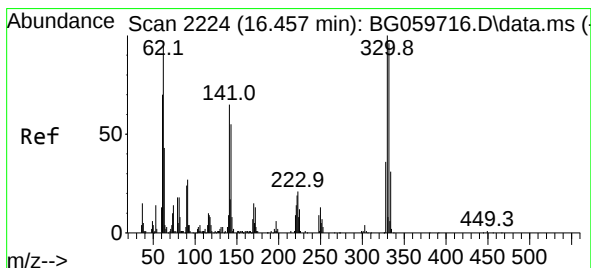
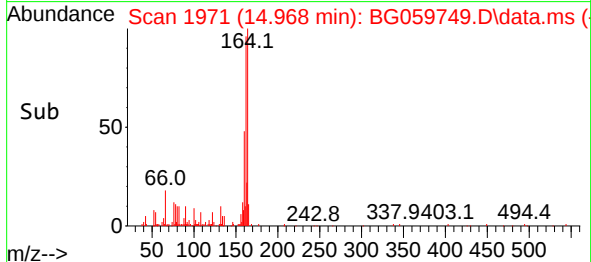
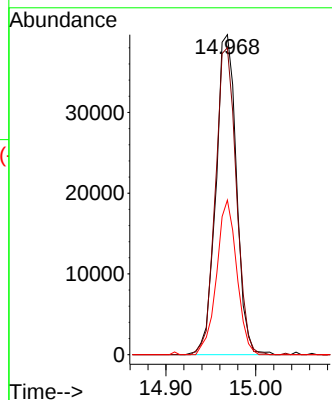
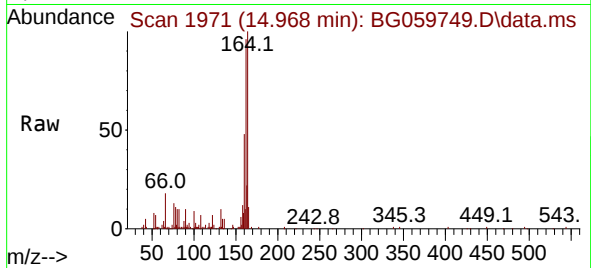




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.968 min Scan# 1971
Delta R.T. -0.002 min
Lab File: BG059749.D
Acq: 18 Nov 2023 3:46

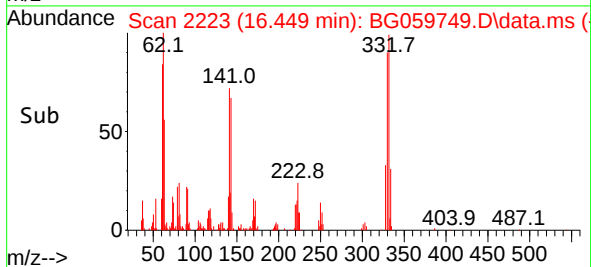
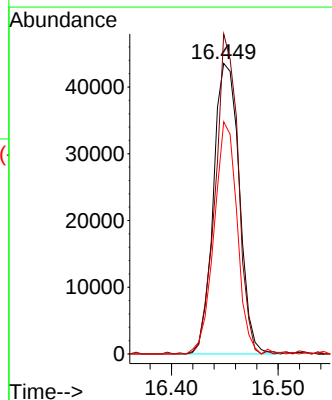
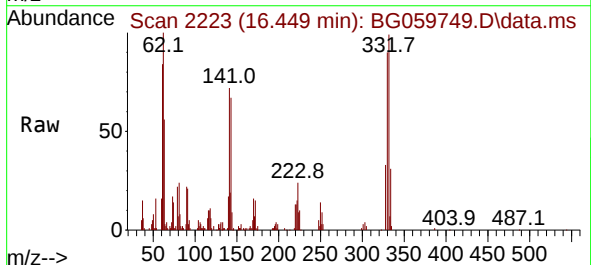
Instrument :
BNA_G
ClientSampleId :

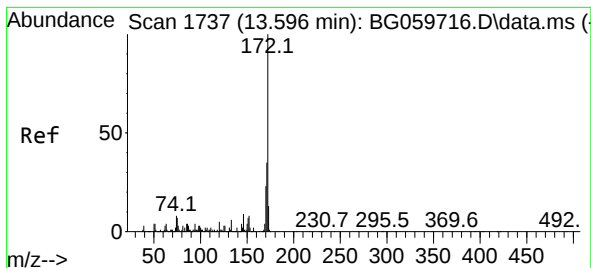
Tgt Ion:164 Resp: 62949
Ion Ratio Lower Upper
164 100
162 95.9 73.3 109.9
160 48.3 34.1 51.1



#42
2,4,6-Tribromophenol
Concen: 102.380 ng
RT: 16.449 min Scan# 2223
Delta R.T. -0.008 min
Lab File: BG059749.D
Acq: 18 Nov 2023 3:46

Tgt Ion:330 Resp: 73123
Ion Ratio Lower Upper
330 100
332 97.3 73.3 109.9
141 71.1 52.1 78.1

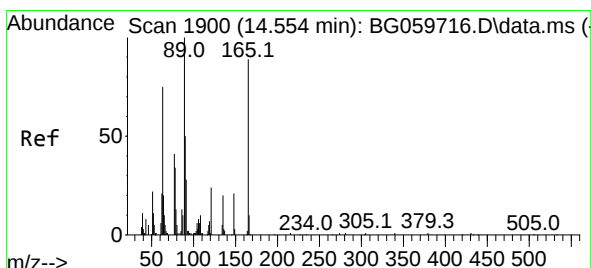
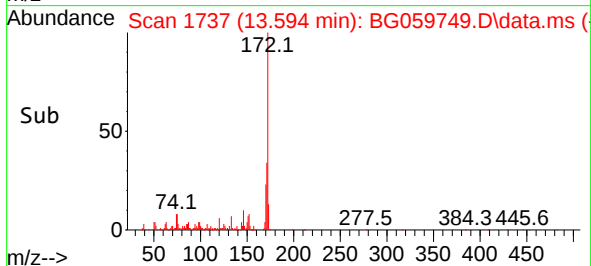
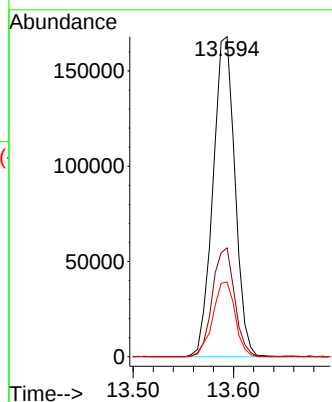
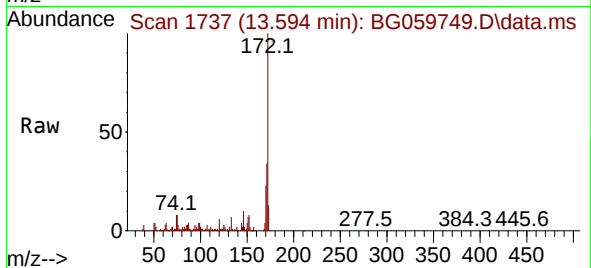




#45
2-Fluorobiphenyl
Concen: 54.680 ng
RT: 13.594 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG059749.D
Acq: 18 Nov 2023 3:46

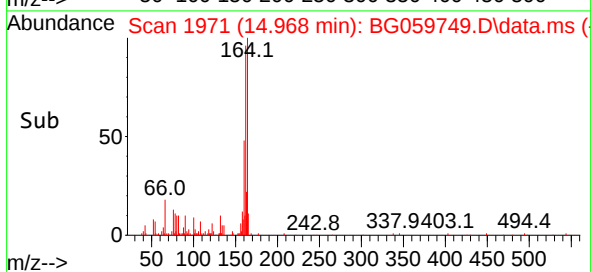
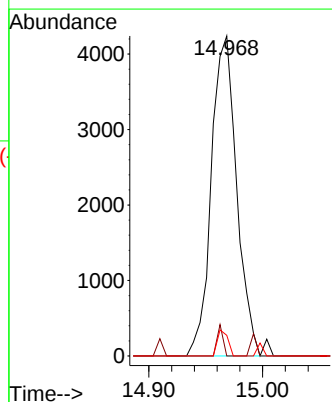
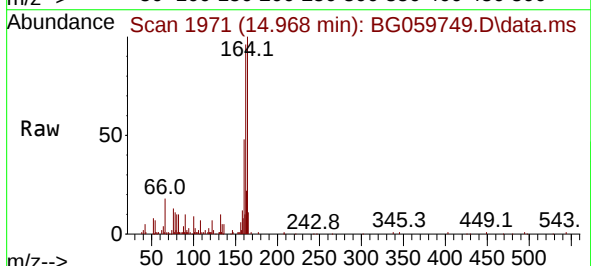
Instrument :
BNA_G
ClientSampleId :

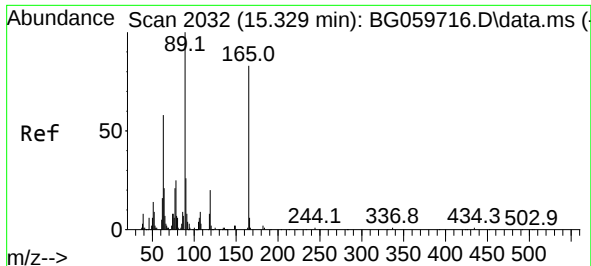
Tgt Ion:172 Resp: 255717
Ion Ratio Lower Upper
172 100
171 34.0 27.7 41.5
170 23.3 18.4 27.6



#51
2,6-Dinitrotoluene
Concen: 7.167 ng
RT: 14.968 min Scan# 1971
Delta R.T. 0.415 min
Lab File: BG059749.D
Acq: 18 Nov 2023 3:46

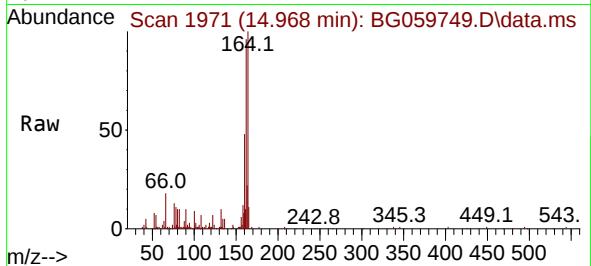
Tgt Ion:165 Resp: 6633
Ion Ratio Lower Upper
165 100
63 0.0 75.3 112.9#
89 6.5 90.9 136.3#



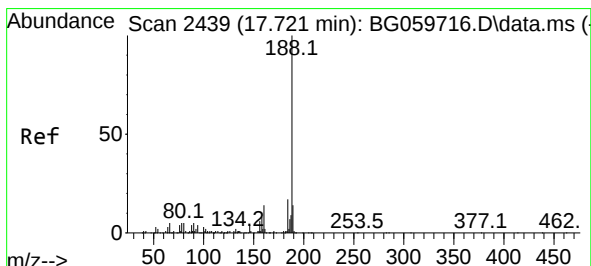
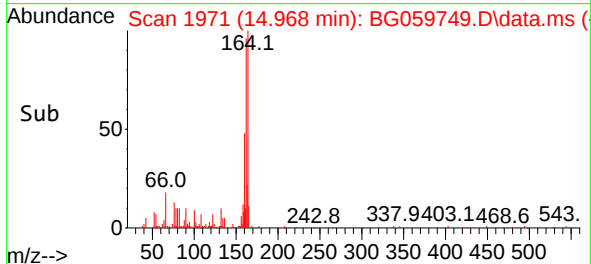
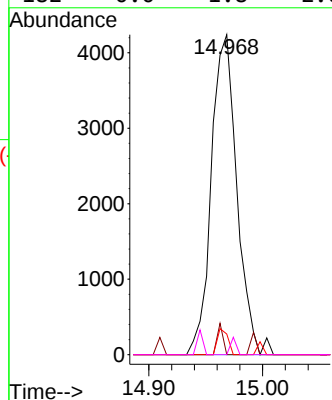


#57
2,4-Dinitrotoluene
Concen: 4.661 ng
RT: 14.968 min Scan# 1971
Delta R.T. -0.361 min
Lab File: BG059749.D
Acq: 18 Nov 2023 3:46

Instrument :
BNA_G
ClientSampleId :

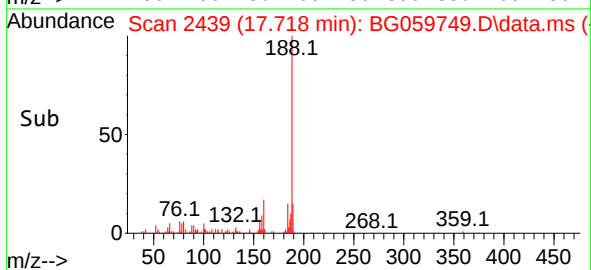
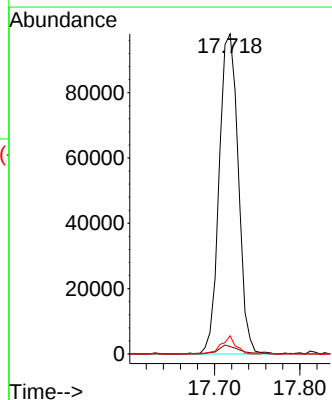
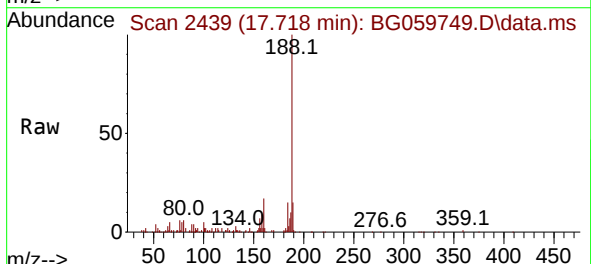


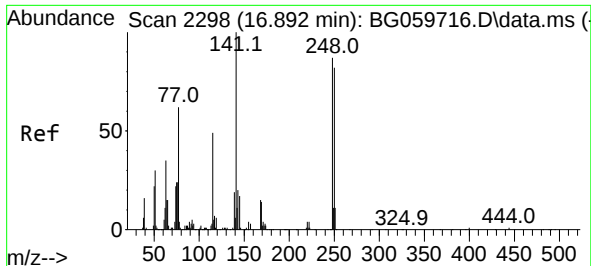
Tgt Ion:165 Resp: 6633
Ion Ratio Lower Upper
165 100
63 0.0 55.8 83.8#
89 6.5 96.9 145.3#
182 0.0 1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.718 min Scan# 2439
Delta R.T. -0.003 min
Lab File: BG059749.D
Acq: 18 Nov 2023 3:46

Tgt Ion:188 Resp: 152308
Ion Ratio Lower Upper
188 100
94 2.3 3.0 4.4#
80 5.7 4.2 6.4

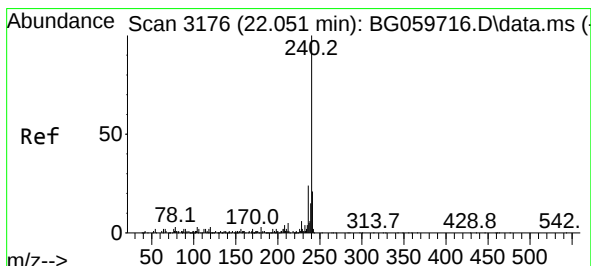
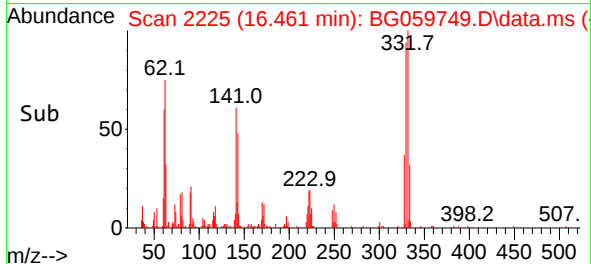
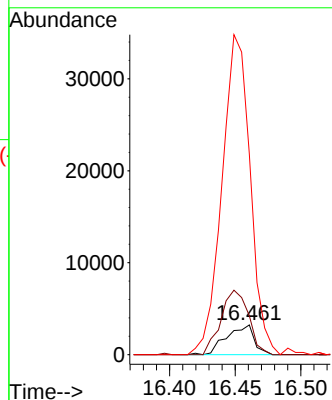
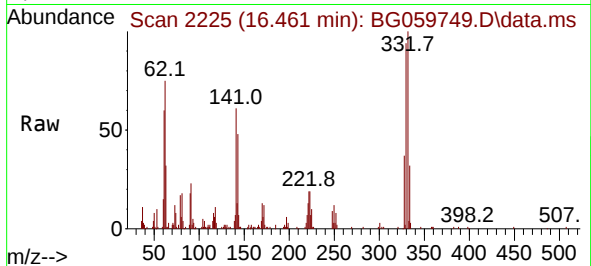




#67
4-Bromophenyl-phenylether
Concen: 2.879 ng
RT: 16.461 min Scan# 211
Delta R.T. -0.431 min
Lab File: BG059749.D
Acq: 18 Nov 2023 3:46

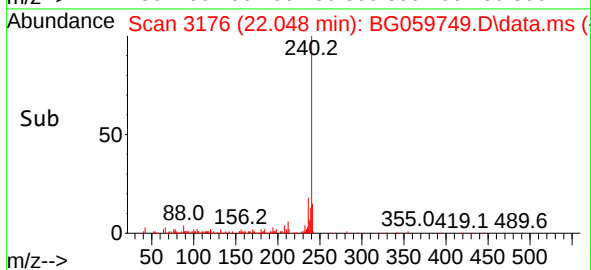
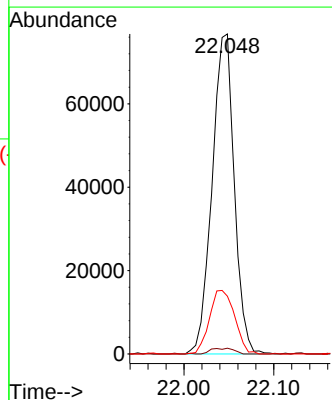
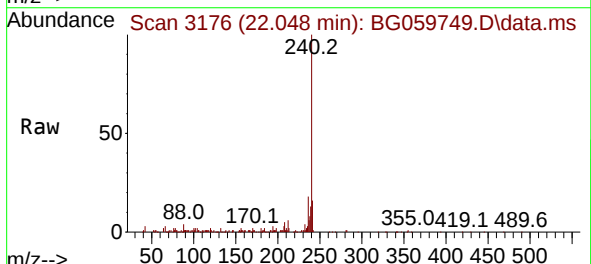
Instrument :
BNA_G
ClientSampleId :

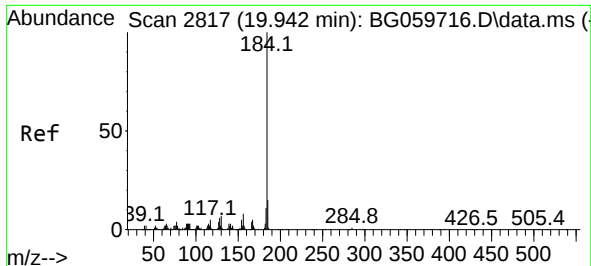
Tgt Ion:248 Resp: 4710
Ion Ratio Lower Upper
248 100
250 165.4 75.2 112.8#
141 673.6 91.5 137.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.048 min Scan# 3176
Delta R.T. -0.003 min
Lab File: BG059749.D
Acq: 18 Nov 2023 3:46

Tgt Ion:240 Resp: 131362
Ion Ratio Lower Upper
240 100
120 1.8 2.2 3.2#
236 18.0 19.4 29.2#

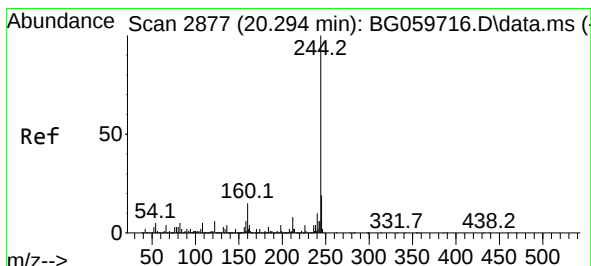
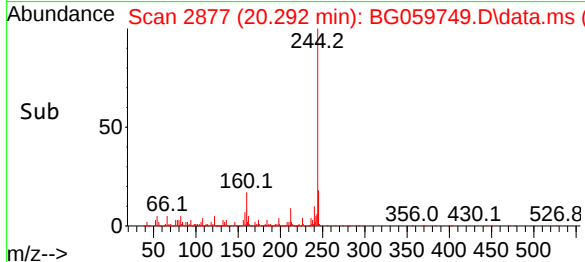
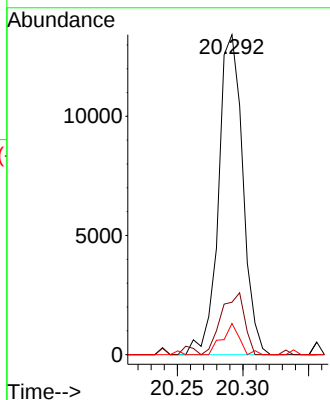
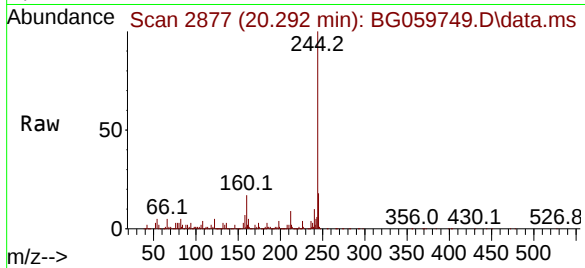




#77
Benzidine
Concen: 5.790 ng
RT: 20.292 min Scan# 2817
Delta R.T. 0.350 min
Lab File: BG059749.D
Acq: 18 Nov 2023 3:46

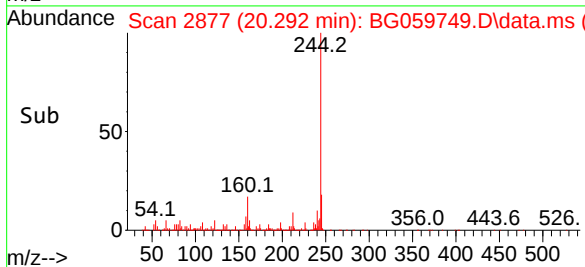
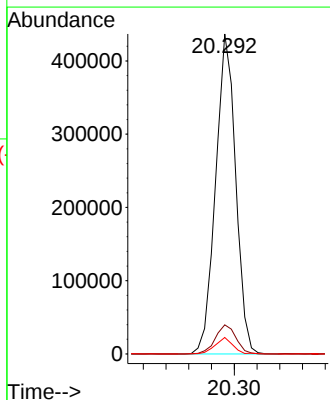
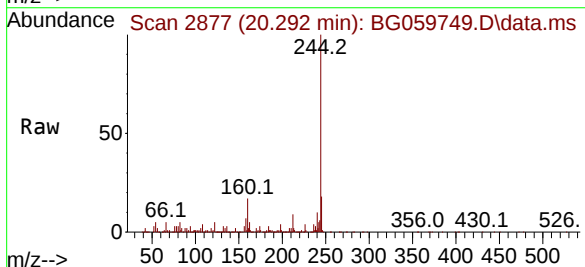
Instrument :
BNA_G
ClientSampleId :

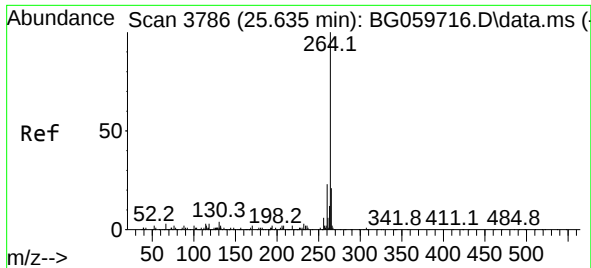
Tgt Ion:184 Resp: 17247
Ion Ratio Lower Upper
184 100
185 16.4 12.2 18.2
183 9.8 8.8 13.2



#79
Terphenyl-d14
Concen: 60.188 ng
RT: 20.292 min Scan# 2877
Delta R.T. -0.003 min
Lab File: BG059749.D
Acq: 18 Nov 2023 3:46

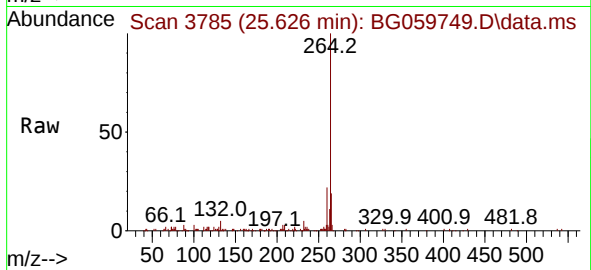
Tgt Ion:244 Resp: 535572
Ion Ratio Lower Upper
244 100
212 9.1 6.6 10.0
122 5.1 4.4 6.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.626 min Scan# 31
Delta R.T. -0.008 min
Lab File: BG059749.D
Acq: 18 Nov 2023 3:46

Instrument :
BNA_G
ClientSampleId :



Tgt Ion:264 Resp: 157951

Ion	Ratio	Lower	Upper
264	100		
260	22.2	18.5	27.7
265	19.5	17.0	25.6

