

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112423\
 Data File : BG059888.D
 Acq On : 25 Nov 2023 12:37
 Operator : MA/JU
 Sample : 05447-04
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP2

Quant Time: Nov 27 03:20:58 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)

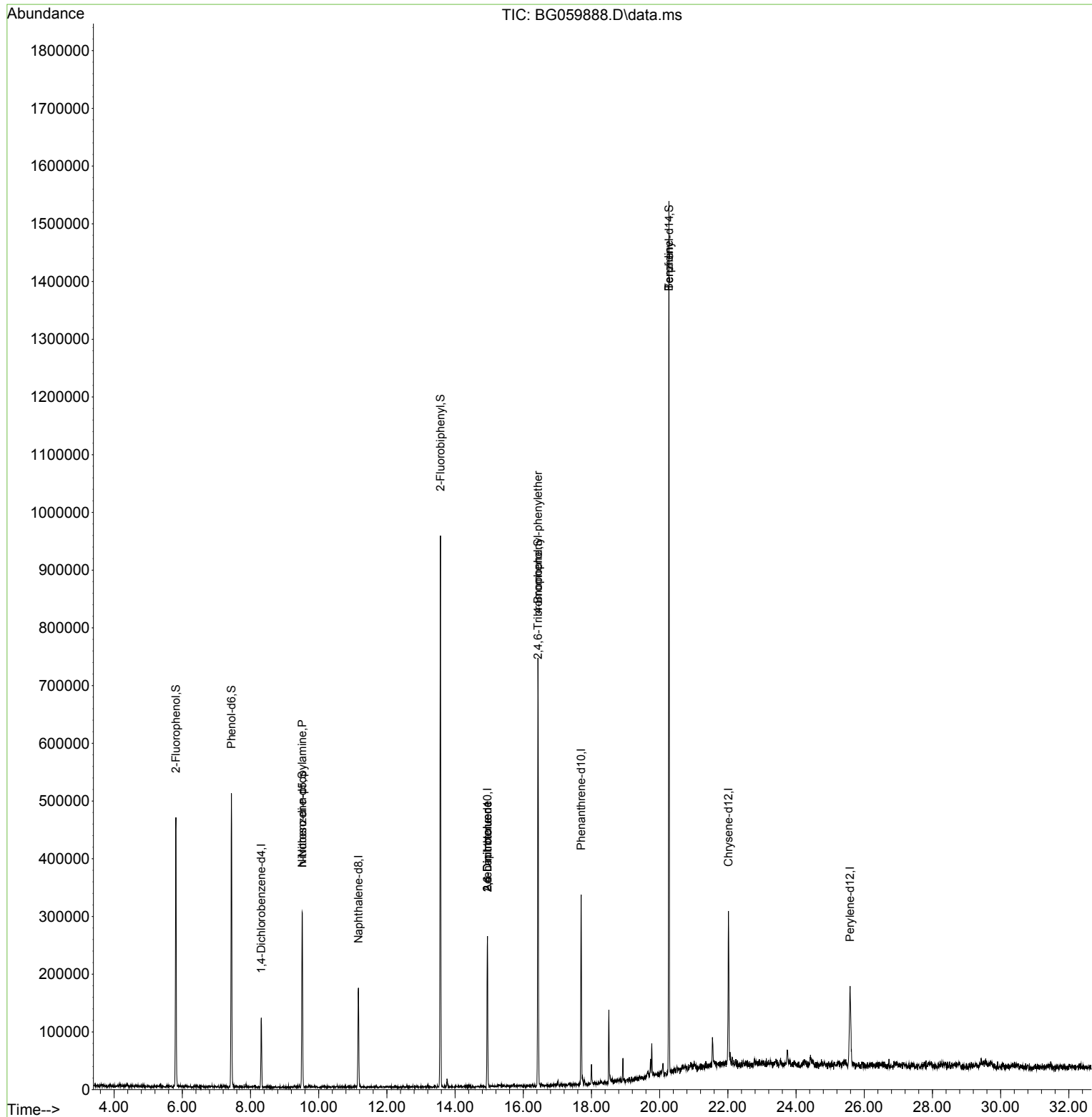
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.317	152	25664	20.000	ng	# 0.00
21) Naphthalene-d8	11.167	136	120106	20.000	ng	# 0.00
39) Acenaphthene-d10	14.951	164	84045	20.000	ng	0.00
64) Phenanthrene-d10	17.701	188	178265	20.000	ng	# 0.00
76) Chrysene-d12	22.019	240	148154	20.000	ng	#-0.01
86) Perylene-d12	25.585	264	156831	20.000	ng	#-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.814	112	170457	111.792	ng	0.00
7) Phenol-d6	7.442	99	241544	106.899	ng	0.00
23) Nitrobenzene-d5	9.516	82	195286	62.098	ng	0.00
42) 2,4,6-Tribromophenol	16.437	330	96701	101.407	ng	0.00
45) 2-Fluorobiphenyl	13.570	172	434602	69.605	ng	0.00
79) Terphenyl-d14	20.274	244	609398	60.722	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.516	70	31895	17.925	ng	# 84
51) 2,6-Dinitrotoluene	14.951	165	10648	8.618	ng	# 2
57) 2,4-Dinitrotoluene	14.951	165	10648	5.604	ng	# 5
67) 4-Bromophenyl-phenylether	16.431	248	7623	3.980	ng	# 1
77) Benzidine	20.268	184	19129	5.694	ng	# 94

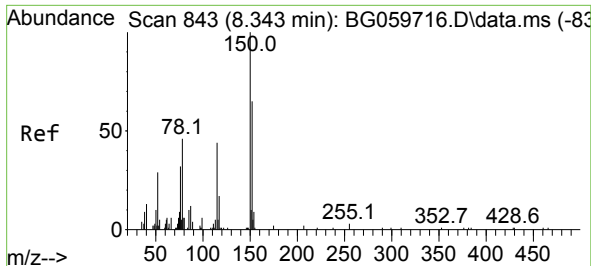
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112423\
Data File : BG059888.D
Acq On : 25 Nov 2023 12:37
Operator : MA/JU
Sample : 05447-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP2

Quant Time: Nov 27 03:20:58 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

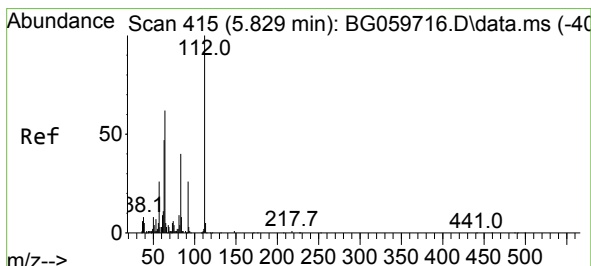
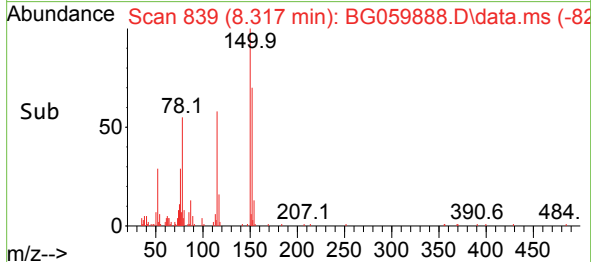
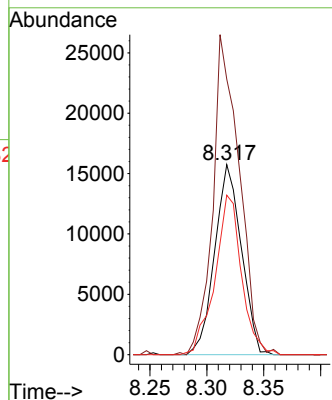
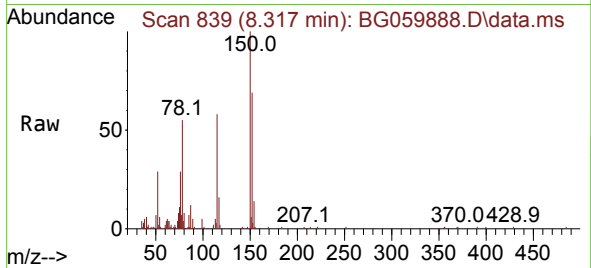




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.317 min Scan# 81
Delta R.T. 0.002 min
Lab File: BG059888.D
Acq: 25 Nov 2023 12:37

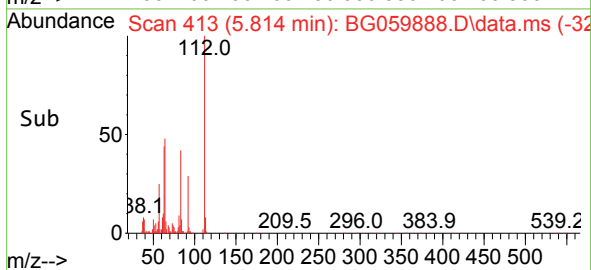
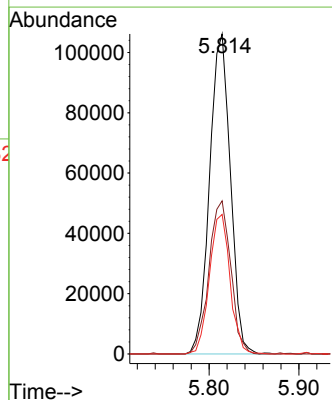
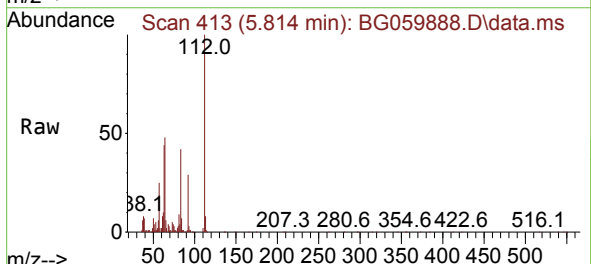
Instrument :
BNA_G
ClientSampleId :
SP2

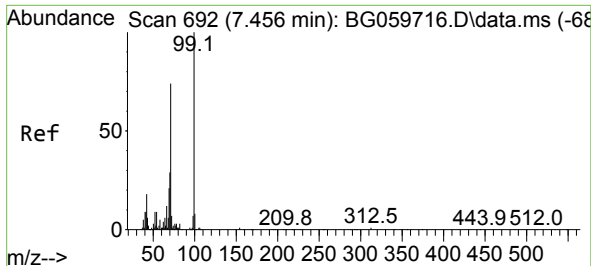
Tgt Ion:152 Resp: 25664
Ion Ratio Lower Upper
152 100
150 144.9 122.2 183.4
115 83.9 54.2 81.4#



#5
2-Fluorophenol
Concen: 111.792 ng
RT: 5.814 min Scan# 413
Delta R.T. 0.003 min
Lab File: BG059888.D
Acq: 25 Nov 2023 12:37

Tgt Ion:112 Resp: 170457
Ion Ratio Lower Upper
112 100
64 47.9 49.5 74.3#
63 43.6 37.4 56.2

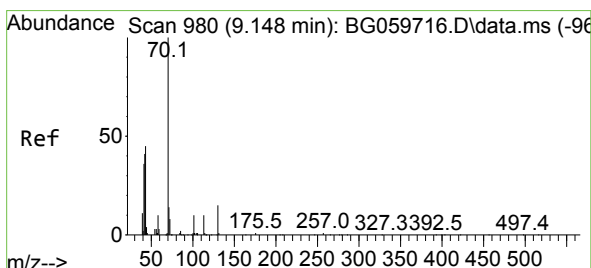
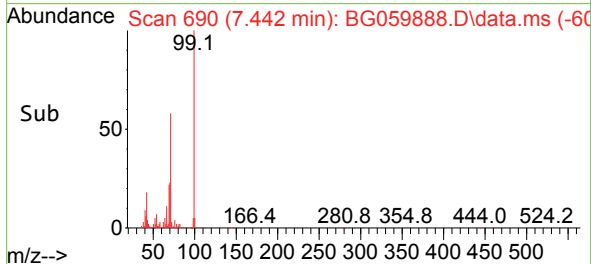
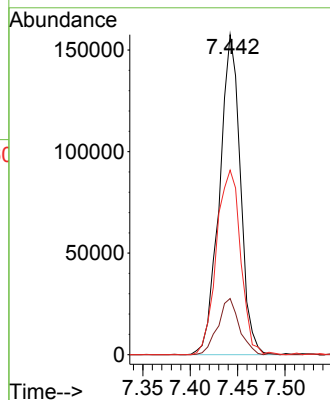
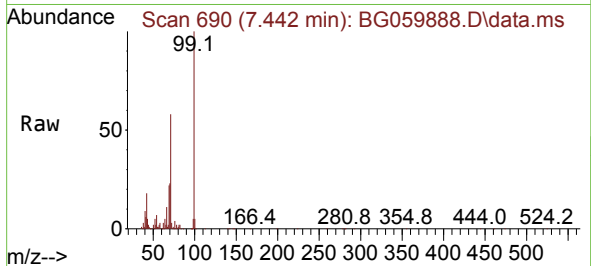




#7
Phenol-d6
Concen: 106.899 ng
RT: 7.442 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG059888.D
Acq: 25 Nov 2023 12:37

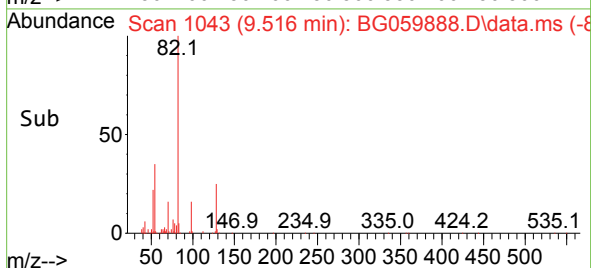
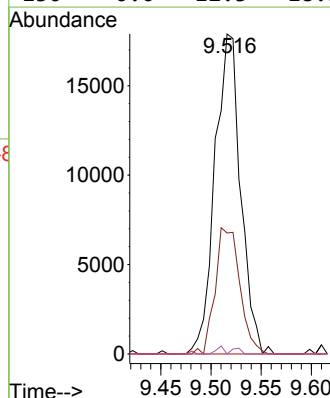
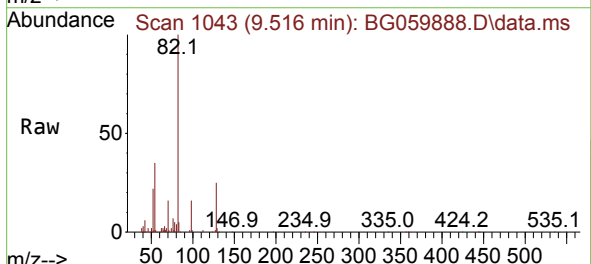
Instrument :
BNA_G
ClientSampleId :
SP2

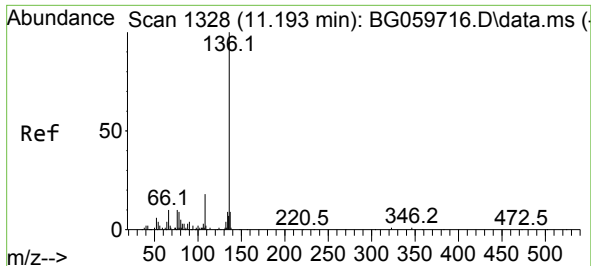
Tgt Ion: 99 Resp: 241544
Ion Ratio Lower Upper
99 100
42 17.6 14.3 21.5
71 57.6 59.3 88.9#



#19
n-Nitroso-di-n-propylamine
Concen: 17.925 ng
RT: 9.516 min Scan# 1043
Delta R.T. 0.385 min
Lab File: BG059888.D
Acq: 25 Nov 2023 12:37

Tgt Ion: 70 Resp: 31895
Ion Ratio Lower Upper
70 100
42 37.8 32.8 49.2
101 0.0 7.7 11.5#
130 0.0 12.3 18.5#

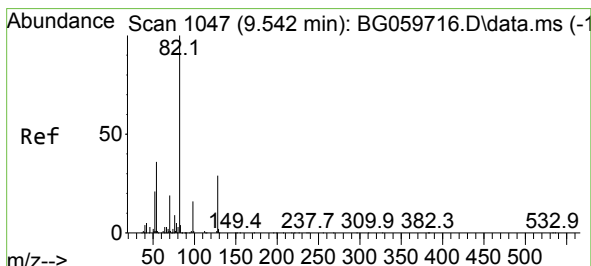
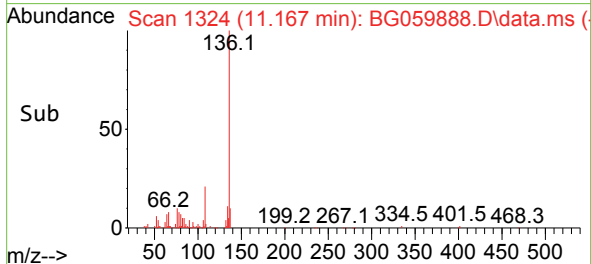
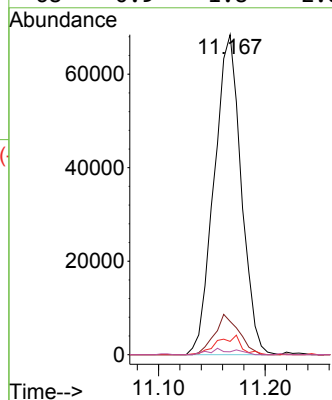
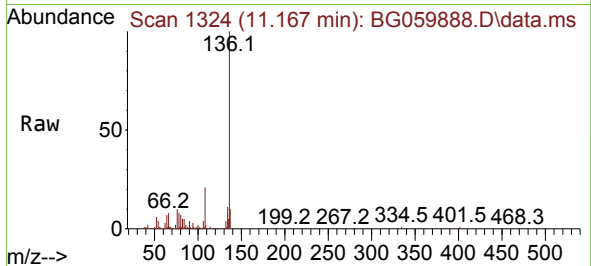




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.167 min Scan# 111
Delta R.T. -0.003 min
Lab File: BG059888.D
Acq: 25 Nov 2023 12:37

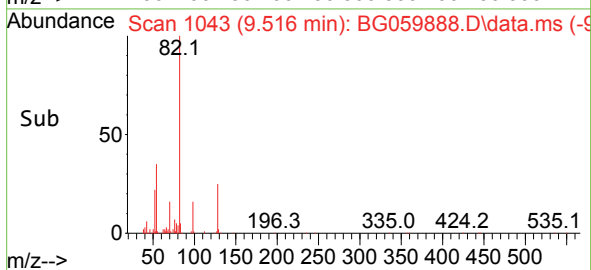
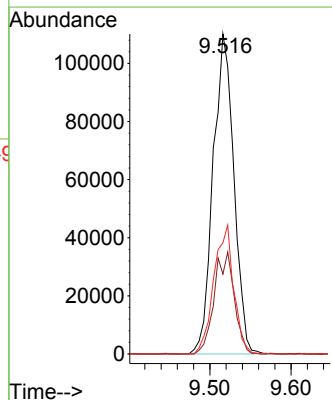
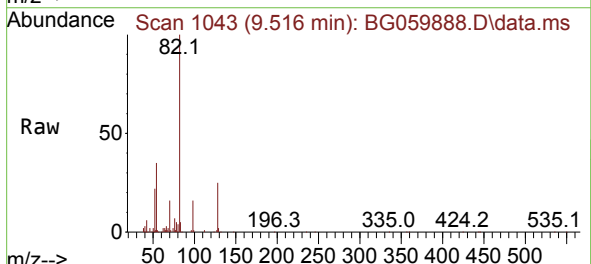
Instrument :
BNA_G
ClientSampleId :
SP2

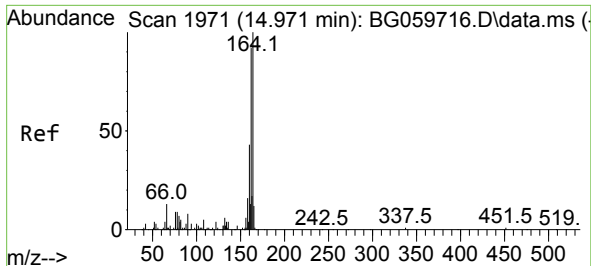
Tgt Ion:	136	Resp:	120106
Ion Ratio	Lower	Upper	
136	100		
137	10.4	7.4	11.0
54	4.2	3.1	4.7
68	0.9	1.8	2.8



#23
Nitrobenzene-d5
Concen: 62.098 ng
RT: 9.516 min Scan# 1043
Delta R.T. -0.009 min
Lab File: BG059888.D
Acq: 25 Nov 2023 12:37

Tgt Ion:	82	Resp:	195286
Ion Ratio	Lower	Upper	
82	100		
128	24.9	23.0	34.6
54	34.7	28.7	43.1

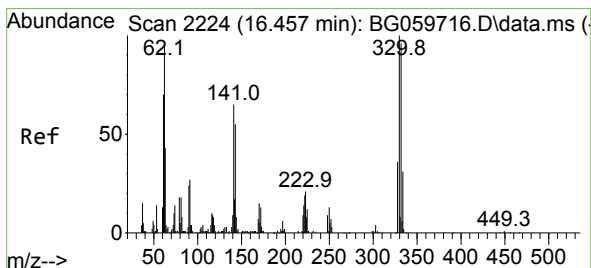
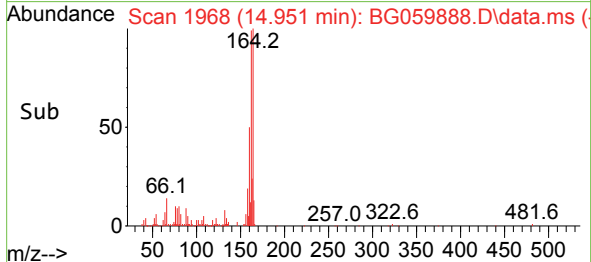
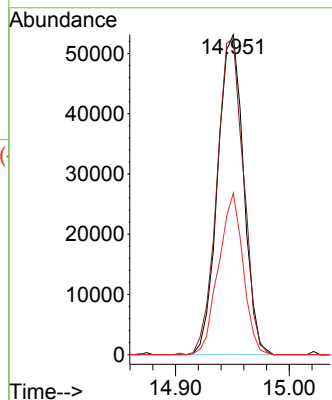
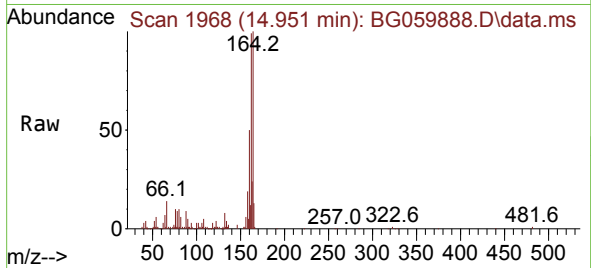




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.951 min Scan# 1971
Delta R.T. -0.003 min
Lab File: BG059888.D
Acq: 25 Nov 2023 12:37

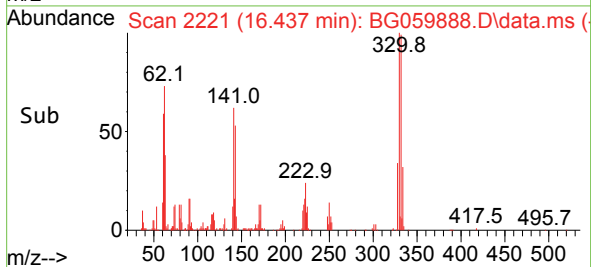
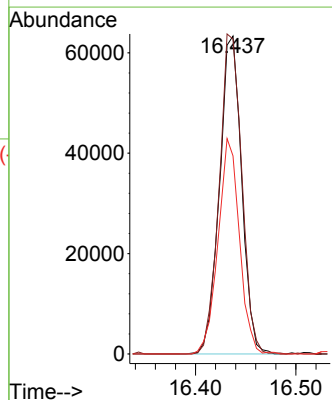
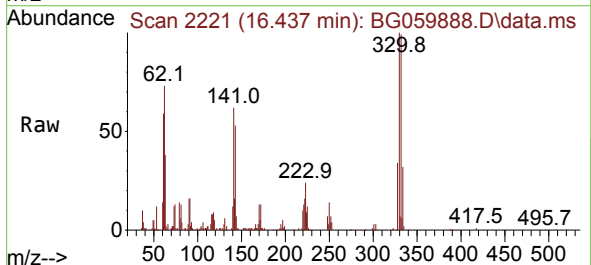
Instrument :
BNA_G
ClientSampleId :
SP2

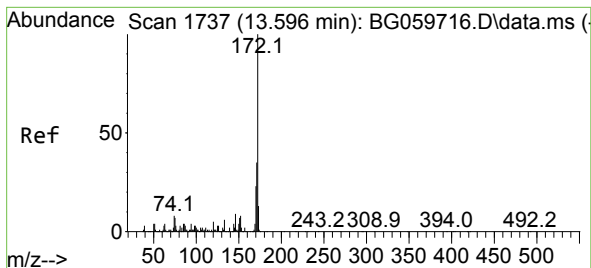
Tgt Ion:164 Resp: 84045
Ion Ratio Lower Upper
164 100
162 98.9 73.3 109.9
160 50.5 34.1 51.1



#42
2,4,6-Tribromophenol
Concen: 101.407 ng
RT: 16.437 min Scan# 2221
Delta R.T. -0.003 min
Lab File: BG059888.D
Acq: 25 Nov 2023 12:37

Tgt Ion:330 Resp: 96701
Ion Ratio Lower Upper
330 100
332 102.6 73.3 109.9
141 65.5 52.1 78.1

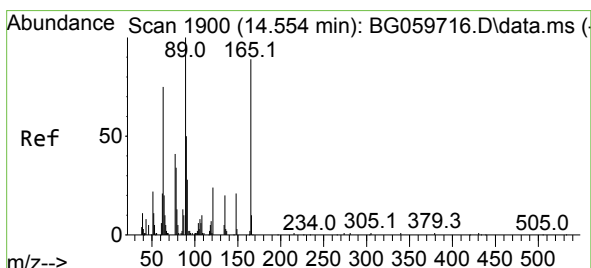
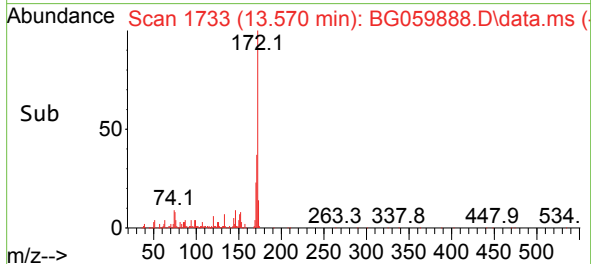
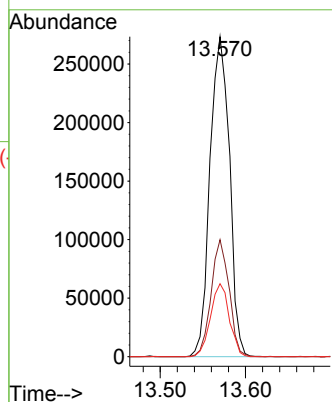
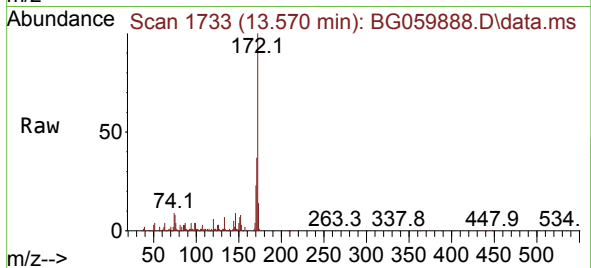




#45
2-Fluorobiphenyl
Concen: 69.605 ng
RT: 13.570 min Scan# 1
Delta R.T. -0.009 min
Lab File: BG059888.D
Acq: 25 Nov 2023 12:37

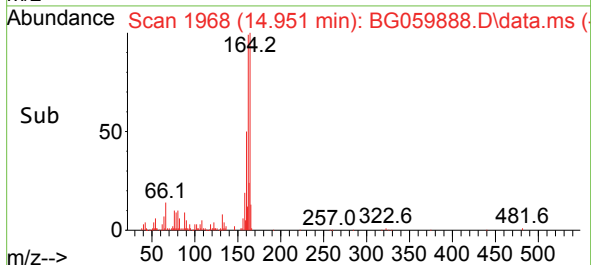
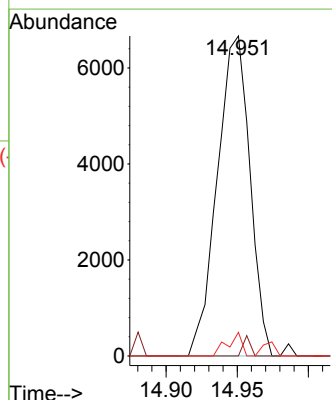
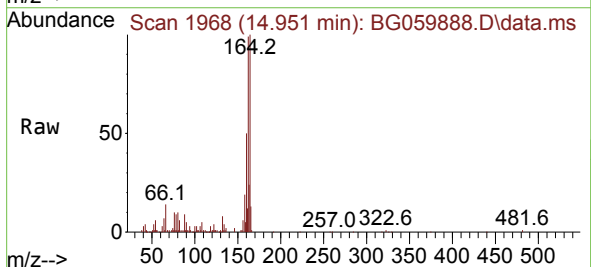
Instrument :
BNA_G
ClientSampleId :
SP2

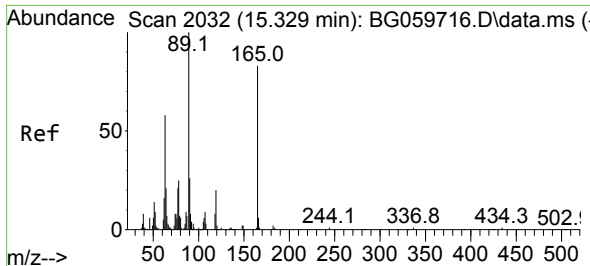
Tgt Ion:172 Resp: 434602
Ion Ratio Lower Upper
172 100
171 36.6 27.7 41.5
170 22.8 18.4 27.6



#51
2,6-Dinitrotoluene
Concen: 8.618 ng
RT: 14.951 min Scan# 1968
Delta R.T. 0.408 min
Lab File: BG059888.D
Acq: 25 Nov 2023 12:37

Tgt Ion:165 Resp: 10648
Ion Ratio Lower Upper
165 100
63 0.0 75.3 112.9#
89 7.4 90.9 136.3#

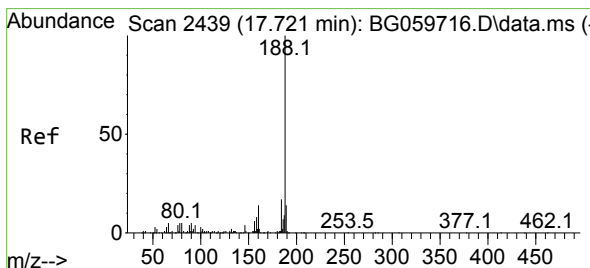
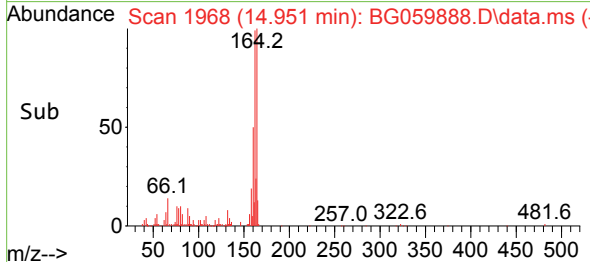
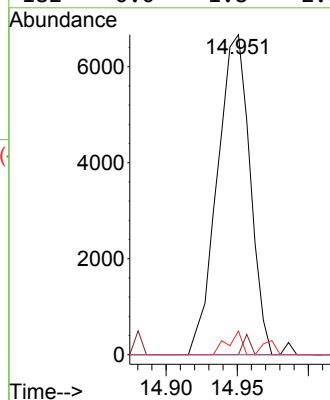
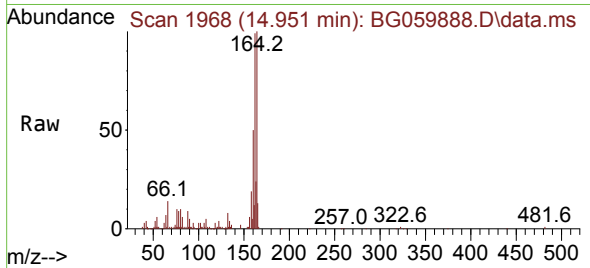




#57
2,4-Dinitrotoluene
Concen: 5.604 ng
RT: 14.951 min Scan# 1968
Delta R.T. -0.373 min
Lab File: BG059888.D
Acq: 25 Nov 2023 12:37

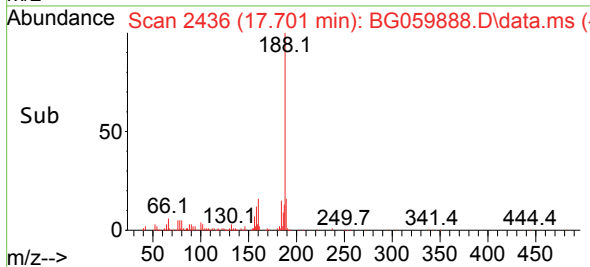
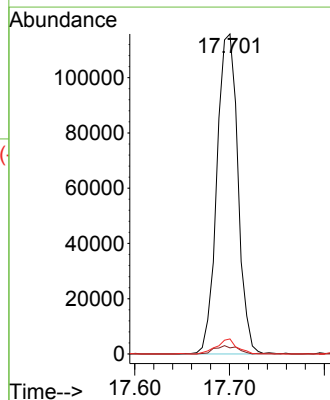
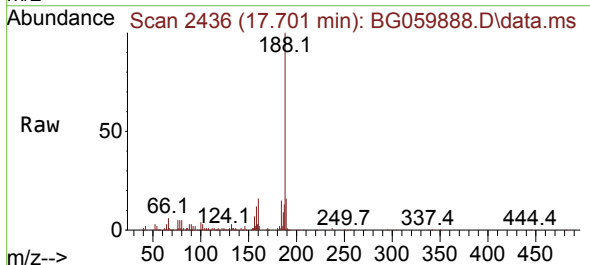
Instrument :
BNA_G
ClientSampleId :
SP2

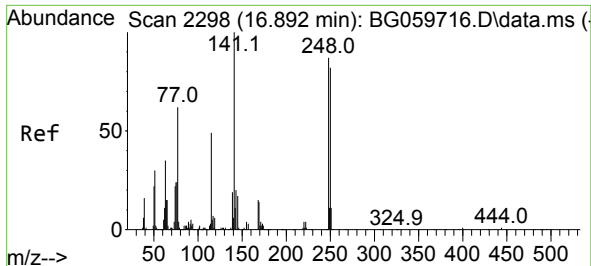
Tgt Ion:165 Resp: 10648
Ion Ratio Lower Upper
165 100
63 0.0 55.8 83.8#
89 7.4 96.9 145.3#
182 0.0 1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.701 min Scan# 2436
Delta R.T. -0.009 min
Lab File: BG059888.D
Acq: 25 Nov 2023 12:37

Tgt Ion:188 Resp: 178265
Ion Ratio Lower Upper
188 100
94 1.9 3.0 4.4#
80 4.7 4.2 6.4

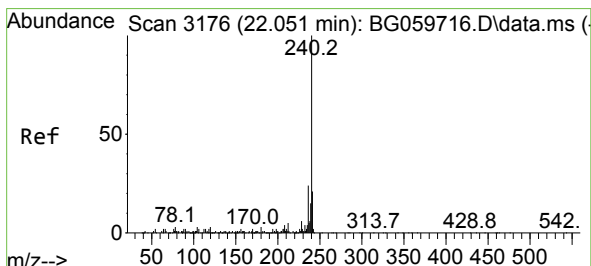
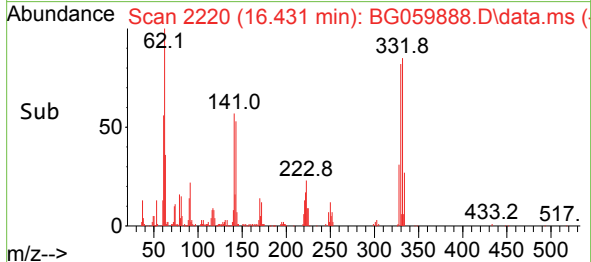
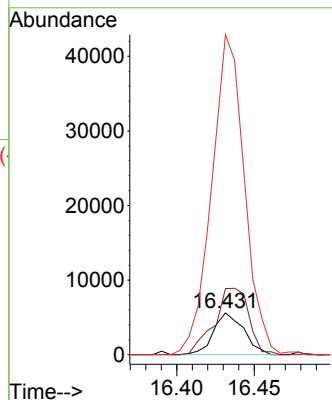
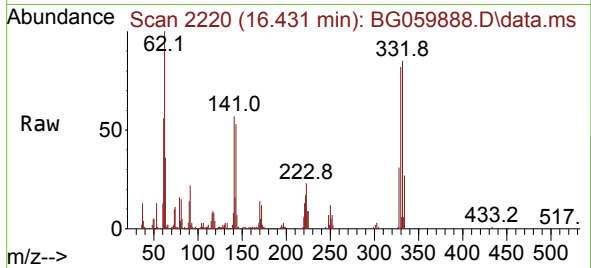




#67
4-Bromophenyl-phenylether
Concen: 3.980 ng
RT: 16.431 min Scan# 21
Delta R.T. -0.450 min
Lab File: BG059888.D
Acq: 25 Nov 2023 12:37

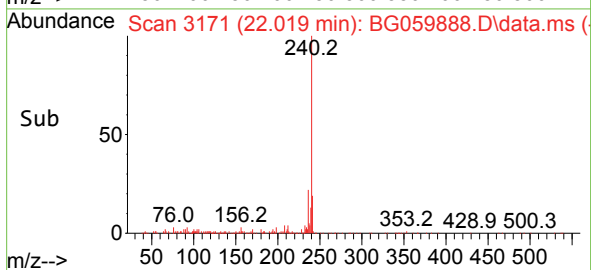
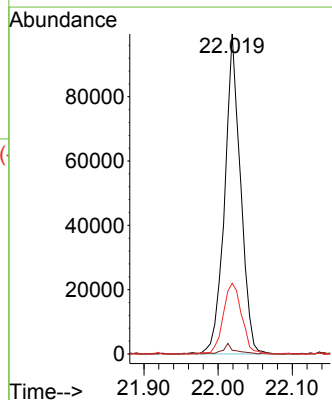
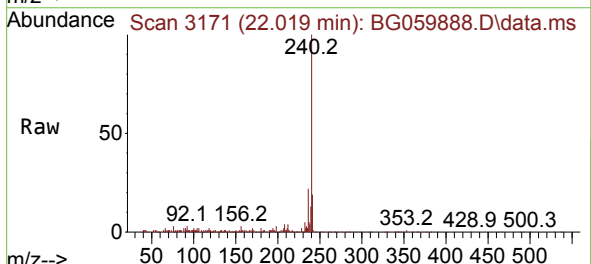
Instrument :
BNA_G
ClientSampleId :
SP2

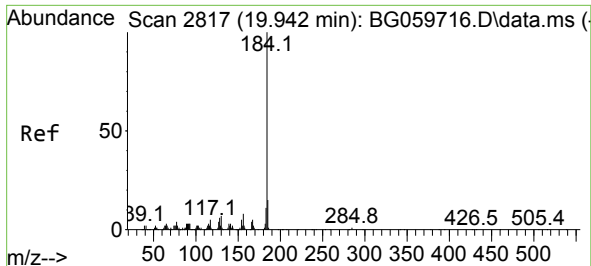
Tgt Ion:248 Resp: 7623
Ion Ratio Lower Upper
248 100
250 158.4 75.2 112.8#
141 766.7 91.5 137.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.019 min Scan# 3171
Delta R.T. -0.015 min
Lab File: BG059888.D
Acq: 25 Nov 2023 12:37

Tgt Ion:240 Resp: 148154
Ion Ratio Lower Upper
240 100
120 1.2 2.2 3.2#
236 22.1 19.4 29.2

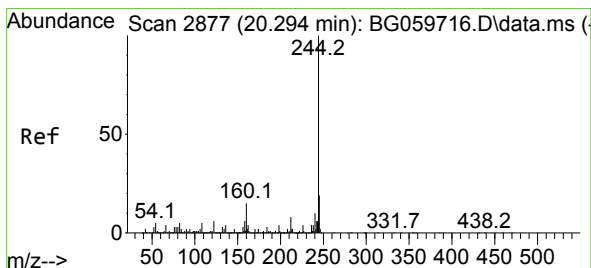
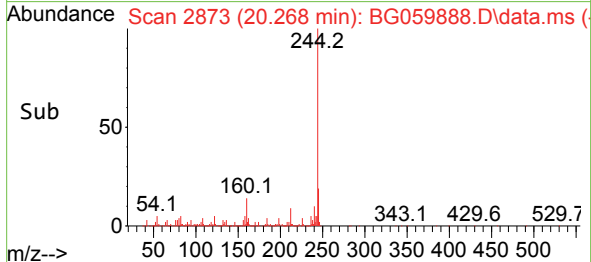
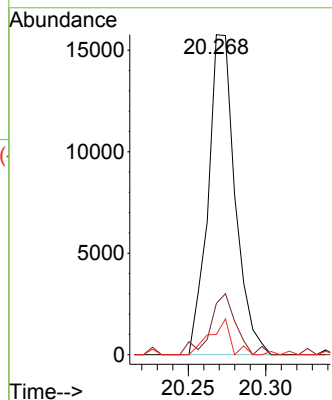
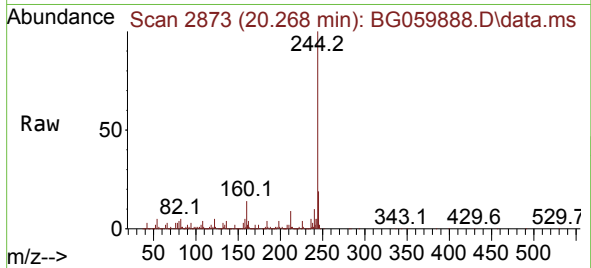




#77
Benzidine
Concen: 5.694 ng
RT: 20.268 min Scan# 2817
Delta R.T. 0.338 min
Lab File: BG059888.D
Acq: 25 Nov 2023 12:37

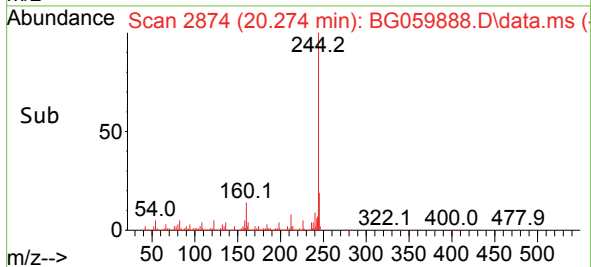
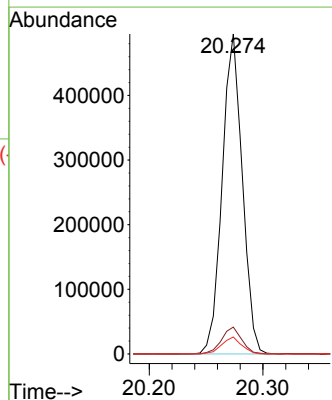
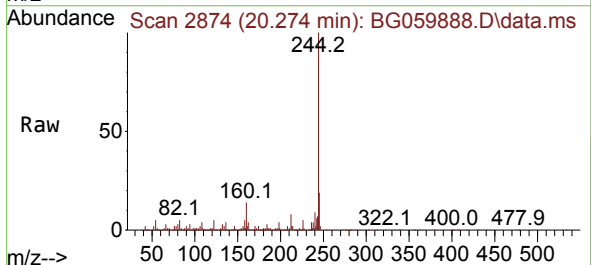
Instrument :
BNA_G
ClientSampleId :
SP2

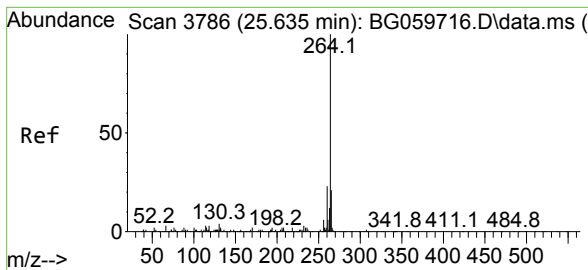
Tgt Ion:184 Resp: 19129
Ion Ratio Lower Upper
184 100
185 16.0 12.2 18.2
183 6.3 8.8 13.2#



#79
Terphenyl-d14
Concen: 60.722 ng
RT: 20.274 min Scan# 2874
Delta R.T. -0.009 min
Lab File: BG059888.D
Acq: 25 Nov 2023 12:37

Tgt Ion:244 Resp: 609398
Ion Ratio Lower Upper
244 100
212 8.4 6.6 10.0
122 5.3 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: BG059888.D
Acq: 25 Nov 2023 12:37

Instrument :
BNA_G
ClientSampleId :
SP2

Tgt Ion:264 Resp: 156831

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.5	27.7
265	16.6	17.0	25.6#

