

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041321\
 Data File : BG048685.D
 Acq On : 13 Apr 2021 22:23
 Operator : CG/JU
 Sample : M1991-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JCSY-WC3-1

Quant Time: Apr 14 00:33:07 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 07 10:06:00 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

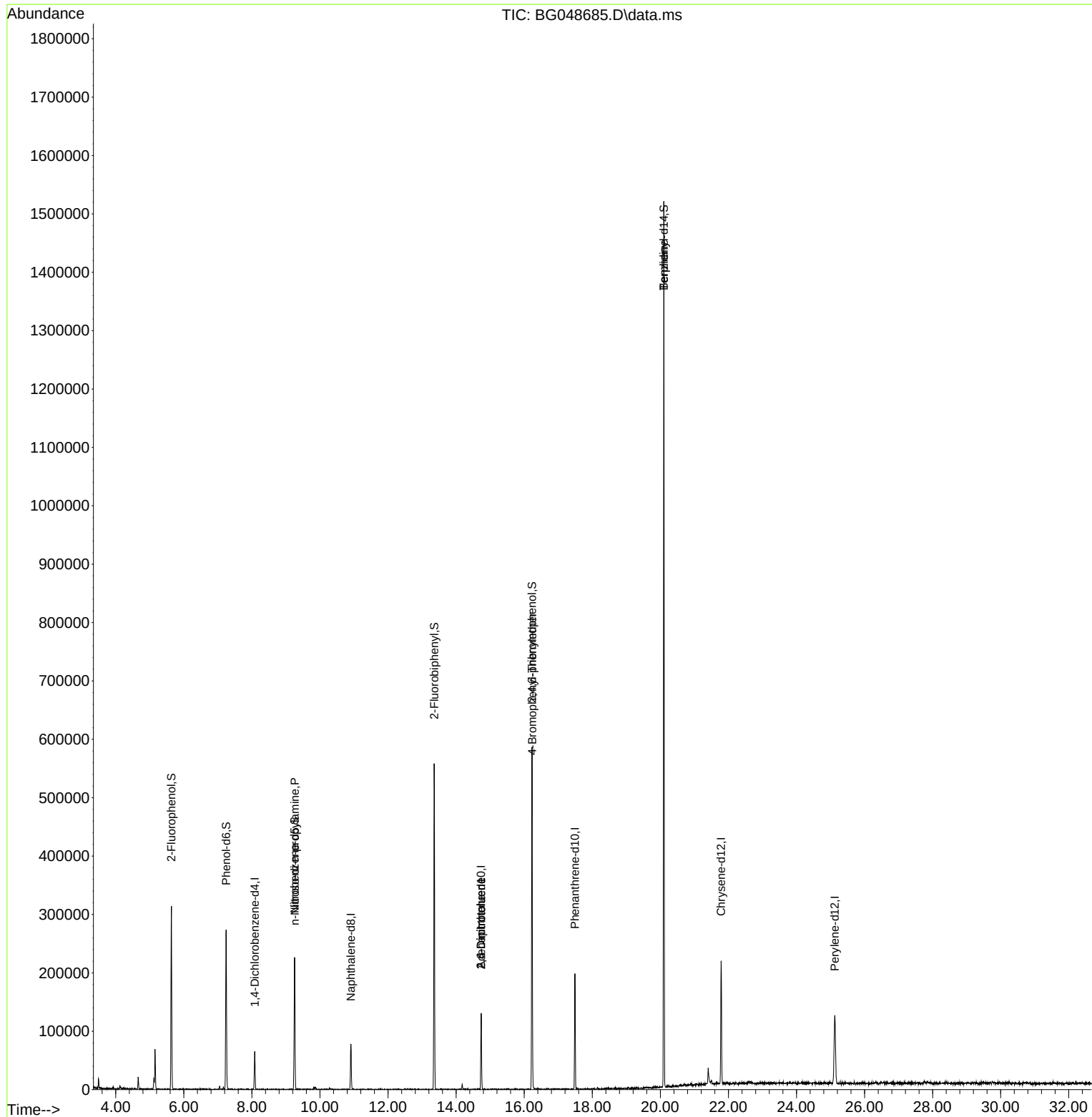
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.085	152	15282	20.00	ng	#-0.01
21) Naphthalene-d8	10.905	136	60572	20.00	ng	#-0.02
39) Acenaphthene-d10	14.736	164	44226	20.00	ng	-0.01
64) Phenanthrene-d10	17.492	188	121592	20.00	ng	0.00
76) Chrysene-d12	21.787	240	132810	20.00	ng	#-0.01
86) Perylene-d12	25.124	264	129100	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.635	112	113386	130.99	ng	0.00
7) Phenol-d6	7.245	99	126648	100.89	ng	0.00
23) Nitrobenzene-d5	9.254	82	126610	101.20	ng	0.00
42) 2,4,6-Tribromophenol	16.229	330	91761	157.84	ng	0.00
45) 2-Fluorobiphenyl	13.355	172	266937	89.71	ng	-0.01
79) Terphenyl-d14	20.101	244	666311	91.75	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.260	70	20625	23.84	ng	# 72
51) 2,6-Dinitrotoluene	14.736	165	5655	7.53	ng	# 17
57) 2,4-Dinitrotoluene	14.736	165	5655	5.32	ng	# 22
67) 4-Bromophenyl-phenylether	16.234	248	7119	5.28	ng	# 1
77) Benzidine	20.101	184	13903	3.09	ng	# 84

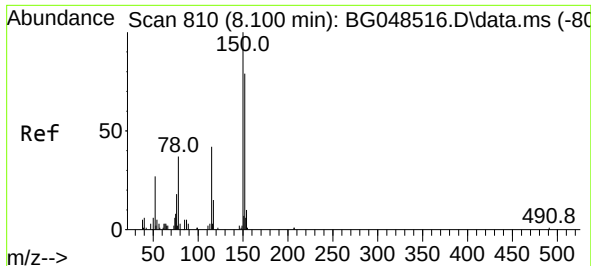
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041321\
Data File : BG048685.D
Acq On : 13 Apr 2021 22:23
Operator : CG/JU
Sample : M1991-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JCSY-WC3-1

Quant Time: Apr 14 00:33:07 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 07 10:06:00 2021
Response via : Initial Calibration

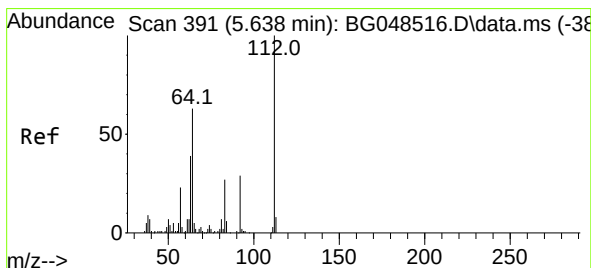
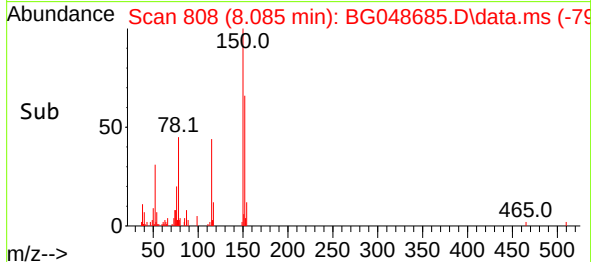
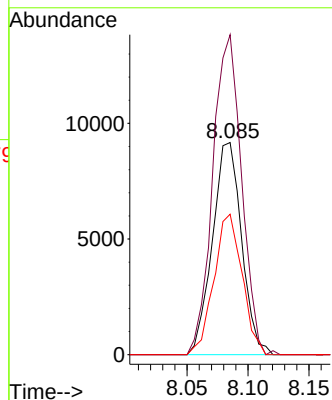
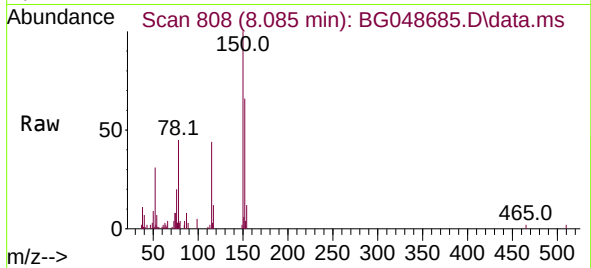




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.085 min Scan# 808
Delta R.T. -0.015 min
Lab File: BG048685.D
Acq: 13 Apr 2021 22:23

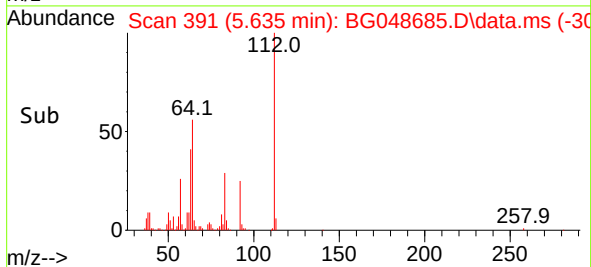
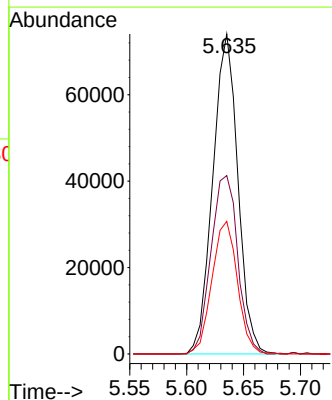
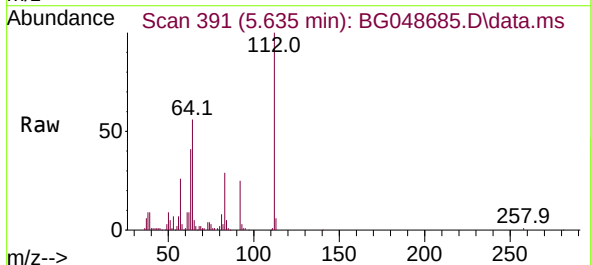
Instrument :
BNA_G
ClientSampleId :
JCSY-WC3-1

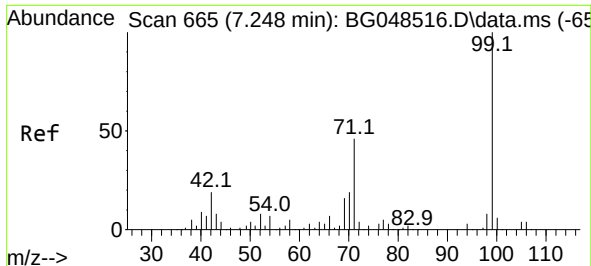
Tgt Ion:152 Resp: 15282
Ion Ratio Lower Upper
152 100
150 150.9 101.3 151.9
115 66.2 42.3 63.5#



#5
2-Fluorophenol
Concen: 130.99 ng
RT: 5.635 min Scan# 391
Delta R.T. -0.003 min
Lab File: BG048685.D
Acq: 13 Apr 2021 22:23

Tgt Ion:112 Resp: 113386
Ion Ratio Lower Upper
112 100
64 55.8 50.4 75.6
63 41.5 31.4 47.2

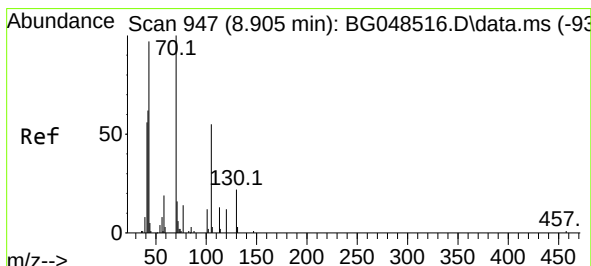
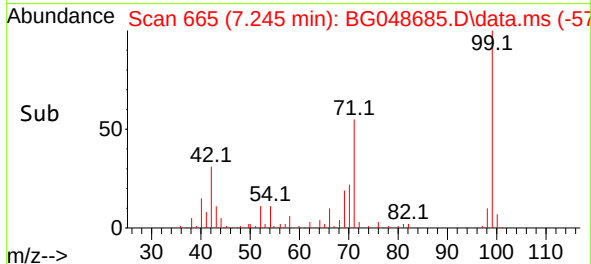
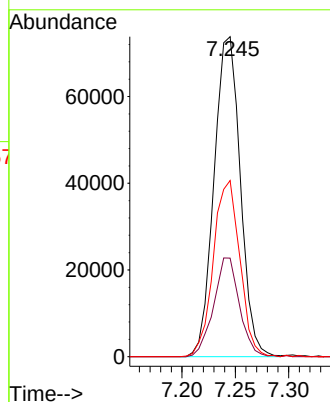
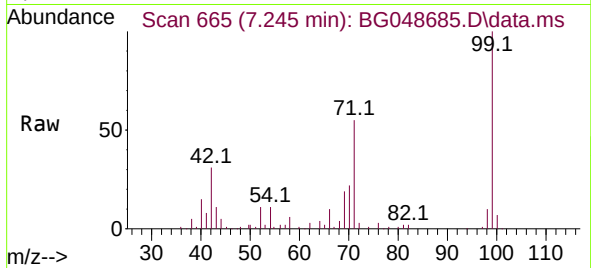




#7
Phenol-d6
Concen: 100.89 ng
RT: 7.245 min Scan# 665
Delta R.T. -0.003 min
Lab File: BG048685.D
Acq: 13 Apr 2021 22:23

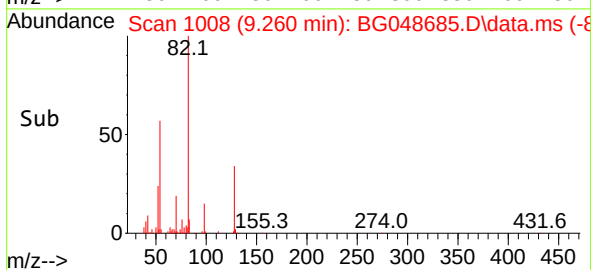
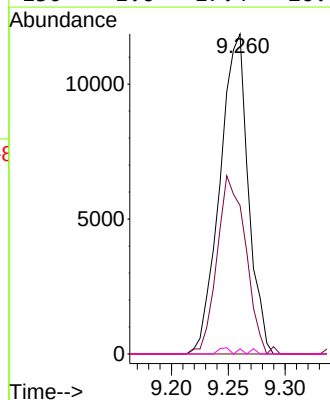
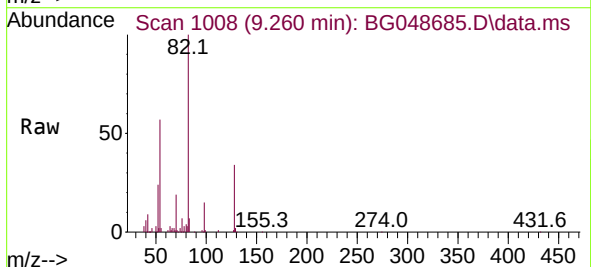
Instrument :
BNA_G
ClientSampleId :
JCSY-WC3-1

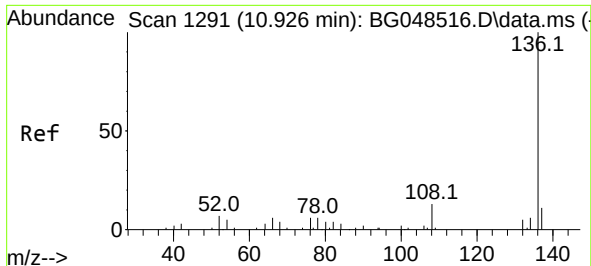
Tgt Ion: 99 Resp: 126648
Ion Ratio Lower Upper
99 100
42 30.8 15.5 23.3#
71 55.1 36.6 54.8#



#19
n-Nitroso-di-n-propylamine
Concen: 23.84 ng
RT: 9.260 min Scan# 1008
Delta R.T. 0.355 min
Lab File: BG048685.D
Acq: 13 Apr 2021 22:23

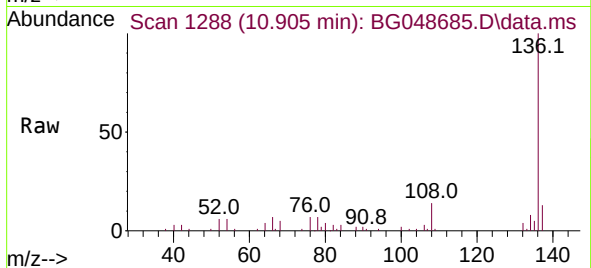
Tgt Ion: 70 Resp: 20625
Ion Ratio Lower Upper
70 100
42 46.4 50.8 76.2#
101 0.0 9.7 14.5#
130 1.6 17.4 26.0#



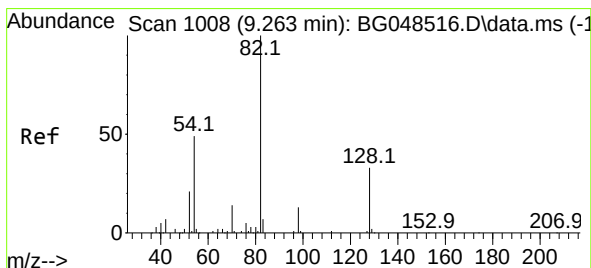
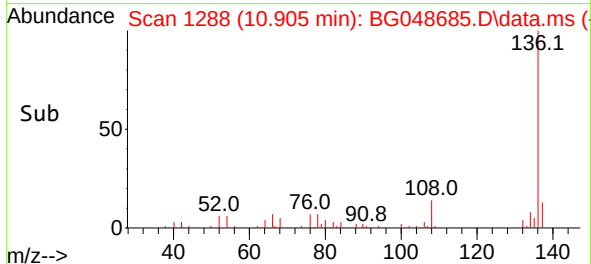
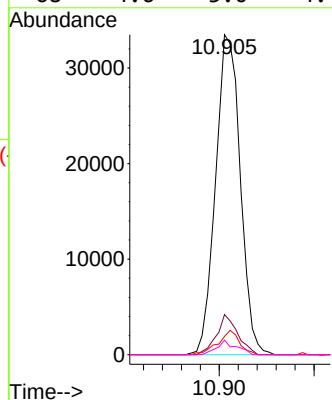


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.905 min Scan# 1288
Delta R.T. -0.021 min
Lab File: BG048685.D
Acq: 13 Apr 2021 22:23

Instrument :
BNA_G
ClientSampleId :
JCSY-WC3-1

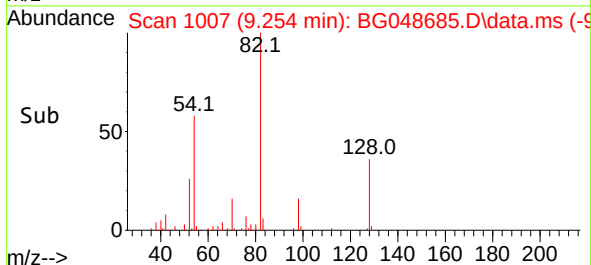
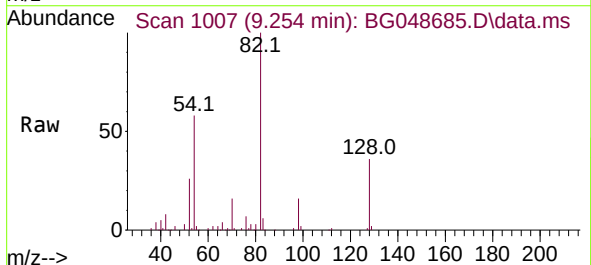
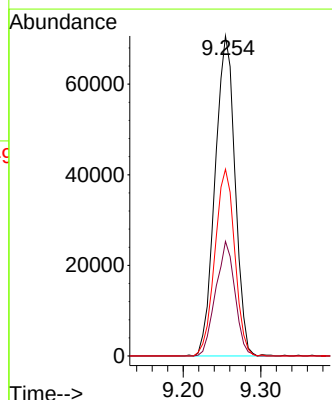


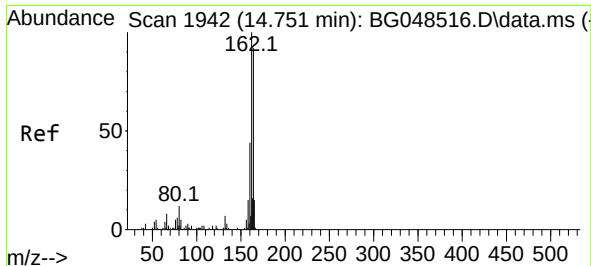
Tgt Ion:	136	Resp:	60572
Ion Ratio	100	Lower	Upper
136	100		
137	12.6	8.6	12.8
54	5.7	4.2	6.4
68	4.6	3.0	4.4



#23
Nitrobenzene-d5
Concen: 101.20 ng
RT: 9.254 min Scan# 1007
Delta R.T. -0.009 min
Lab File: BG048685.D
Acq: 13 Apr 2021 22:23

Tgt Ion:	82	Resp:	126610
Ion Ratio	100	Lower	Upper
82	100		
128	35.8	26.2	39.4
54	58.3	38.9	58.3

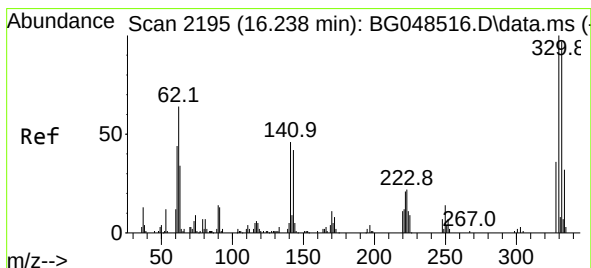
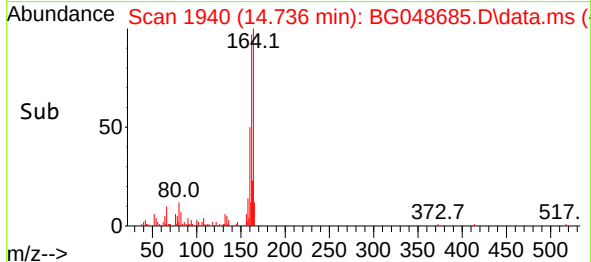
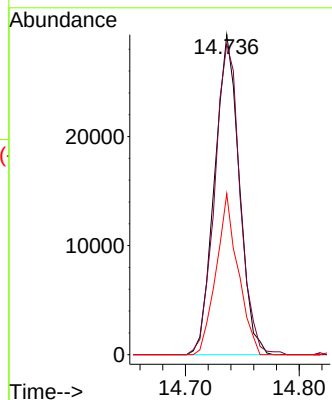
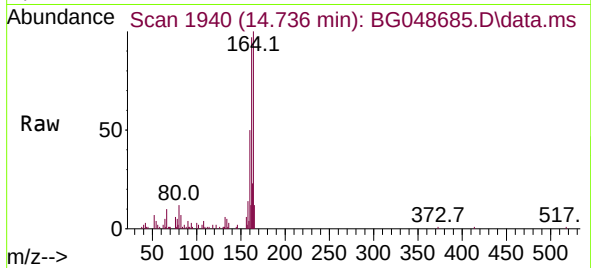




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.736 min Scan# 1940
Delta R.T. -0.015 min
Lab File: BG048685.D
Acq: 13 Apr 2021 22:23

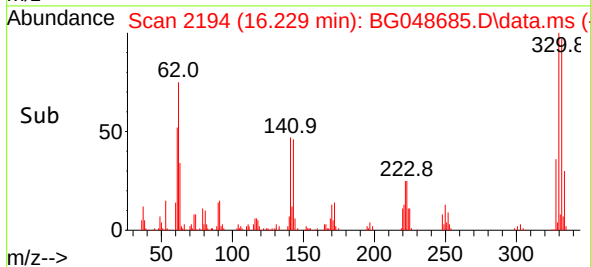
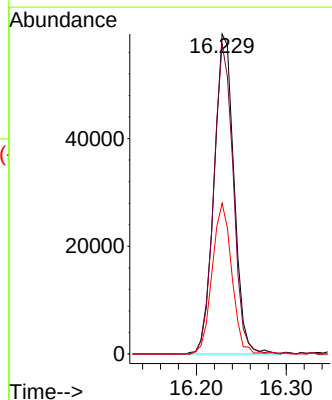
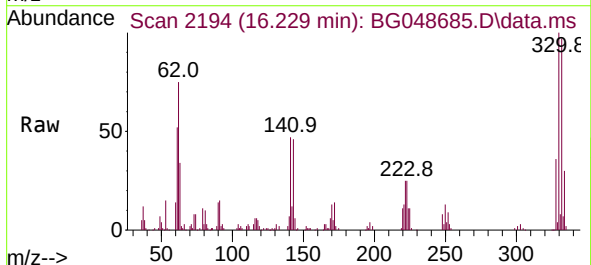
Instrument :
BNA_G
ClientSampleId :
JCSY-WC3-1

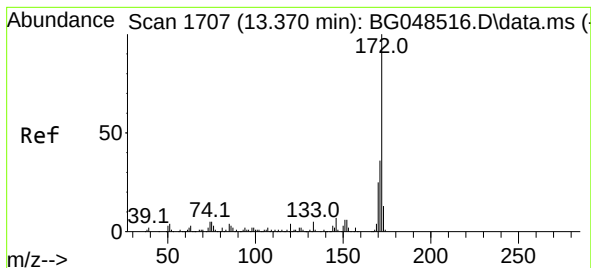
Tgt Ion:164	Resp:	44226
Ion Ratio	Lower	Upper
164	100	
162	97.1	87.0 130.6
160	50.3	38.4 57.6



#42
2,4,6-Tribromophenol
Concen: 157.84 ng
RT: 16.229 min Scan# 2194
Delta R.T. -0.009 min
Lab File: BG048685.D
Acq: 13 Apr 2021 22:23

Tgt Ion:330	Resp:	91761
Ion Ratio	Lower	Upper
330	100	
332	94.5	77.6 116.4
141	46.3	34.6 52.0

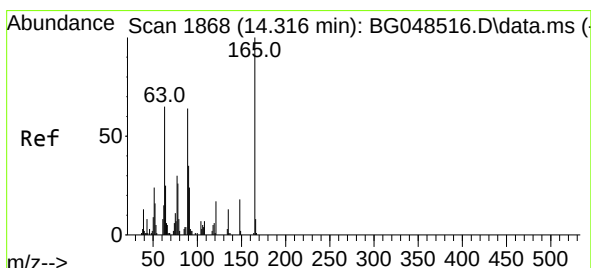
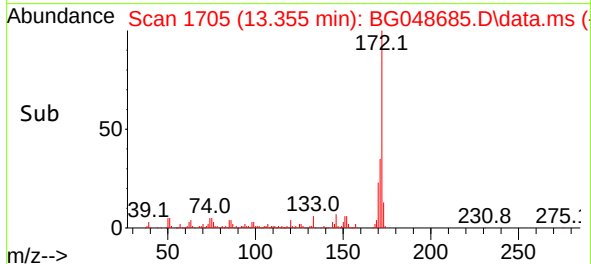
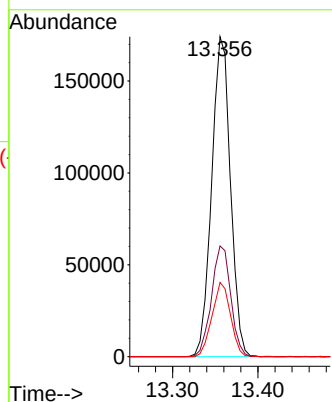
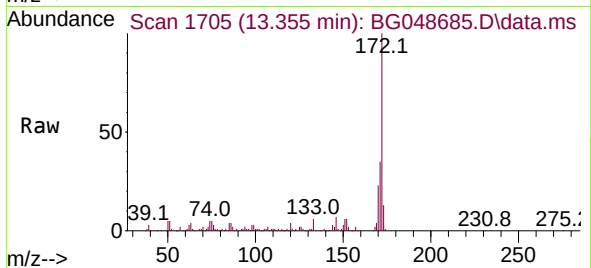




#45
2-Fluorobiphenyl
Concen: 89.71 ng
RT: 13.355 min Scan# 1705
Delta R.T. -0.015 min
Lab File: BG048685.D
Acq: 13 Apr 2021 22:23

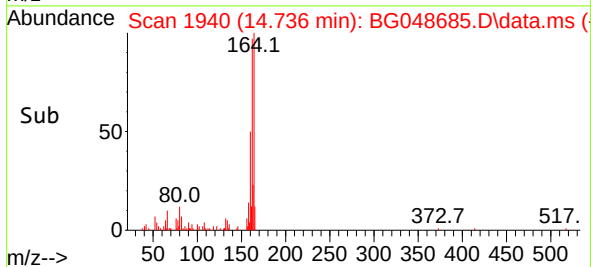
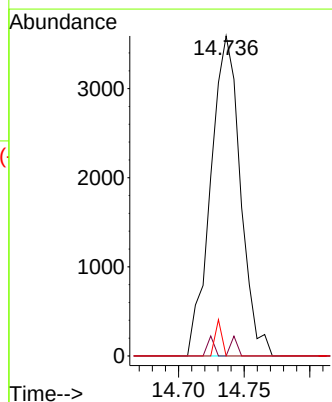
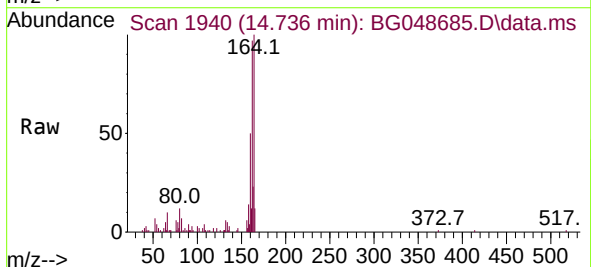
Instrument :
BNA_G
ClientSampleId :
JCSY-WC3-1

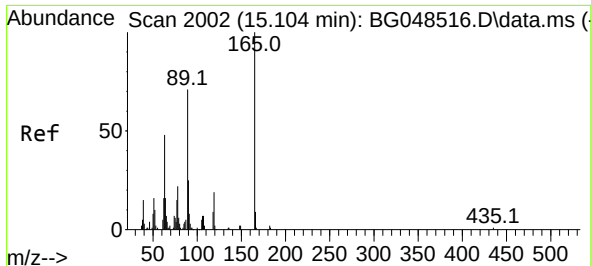
Tgt Ion:172 Resp: 266937
Ion Ratio Lower Upper
172 100
171 34.6 28.5 42.7
170 23.2 19.8 29.6



#51
2,6-Dinitrotoluene
Concen: 7.53 ng
RT: 14.736 min Scan# 1940
Delta R.T. 0.420 min
Lab File: BG048685.D
Acq: 13 Apr 2021 22:23

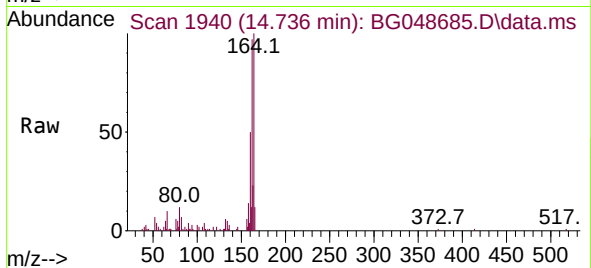
Tgt Ion:165 Resp: 5655
Ion Ratio Lower Upper
165 100
63 0.0 53.8 80.6#
89 0.0 50.8 76.2#



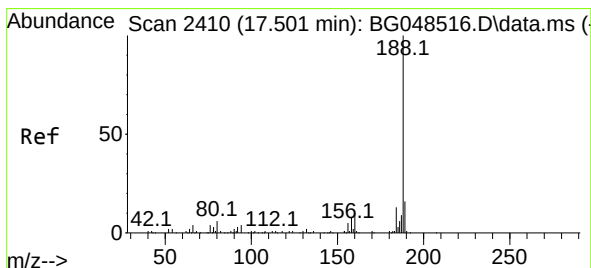
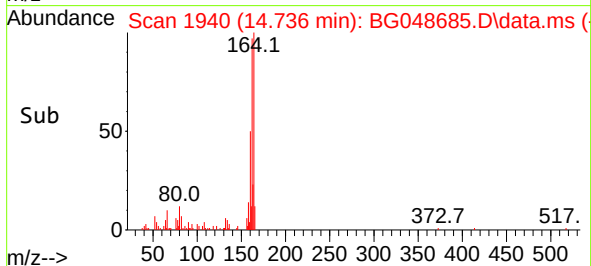
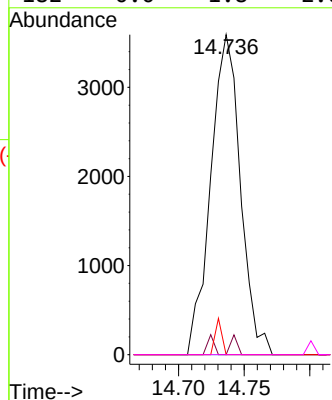


#57
2,4-Dinitrotoluene
Concen: 5.32 ng
RT: 14.736 min Scan# 1940
Delta R.T. -0.367 min
Lab File: BG048685.D
Acq: 13 Apr 2021 22:23

Instrument :
BNA_G
ClientSampleId :
JCSY-WC3-1

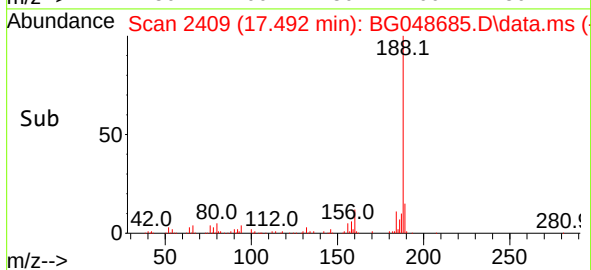
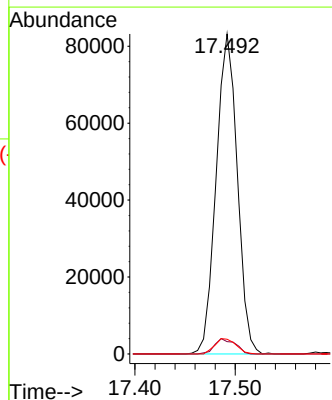
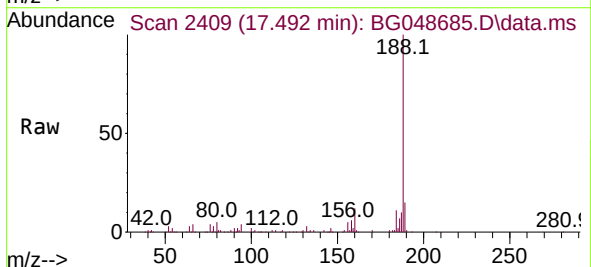


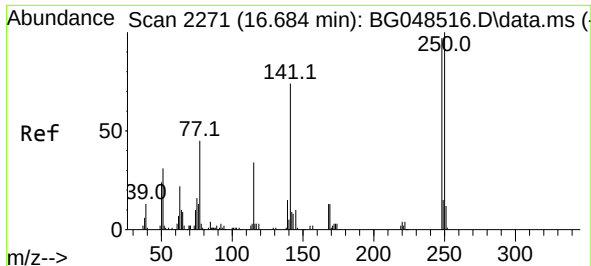
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	38.3	57.5#
89	0.0	56.5	84.7#
182	0.0	1.8	2.6#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.492 min Scan# 2409
Delta R.T. -0.009 min
Lab File: BG048685.D
Acq: 13 Apr 2021 22:23

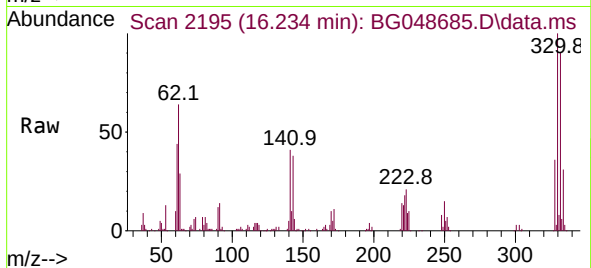
Tgt Ion	Ratio	Lower	Upper
188	100		
94	3.8	3.0	4.6
80	4.6	4.5	6.7



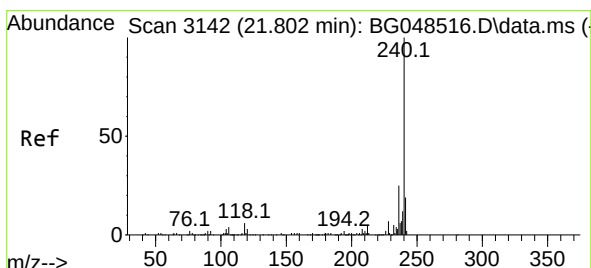
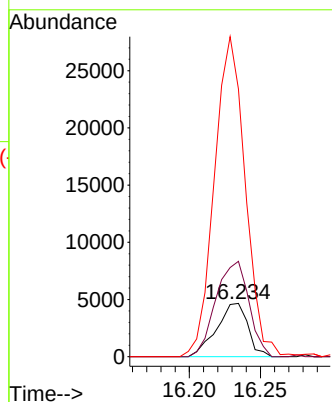
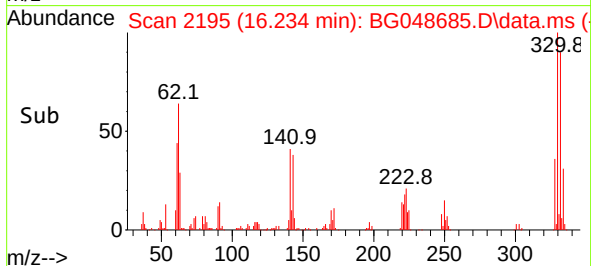


#67
4-Bromophenyl-phenylether
Concen: 5.28 ng
RT: 16.234 min Scan# 2195
Delta R.T. -0.450 min
Lab File: BG048685.D
Acq: 13 Apr 2021 22:23

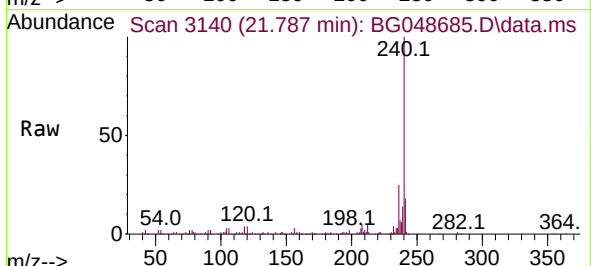
Instrument :
BNA_G
ClientSampleId :
JCSY-WC3-1



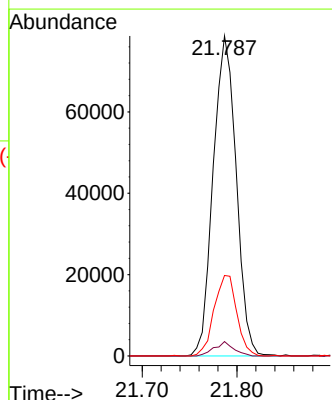
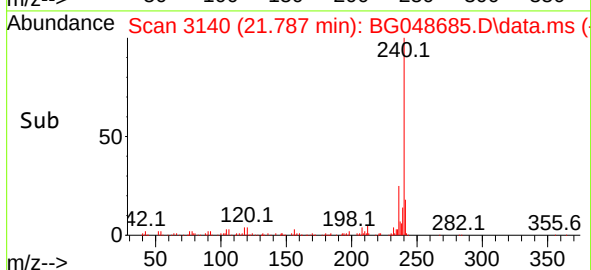
Tgt Ion:248 Resp: 7119
Ion Ratio Lower Upper
248 100
250 179.1 82.6 124.0#
141 503.0 61.0 91.6#

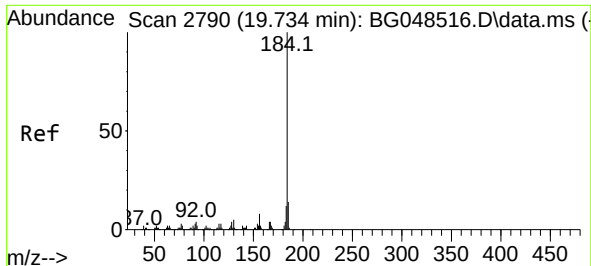


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.787 min Scan# 3140
Delta R.T. -0.015 min
Lab File: BG048685.D
Acq: 13 Apr 2021 22:23



Tgt Ion:240 Resp: 132810
Ion Ratio Lower Upper
240 100
120 4.5 2.6 3.8#
236 25.1 19.8 29.6

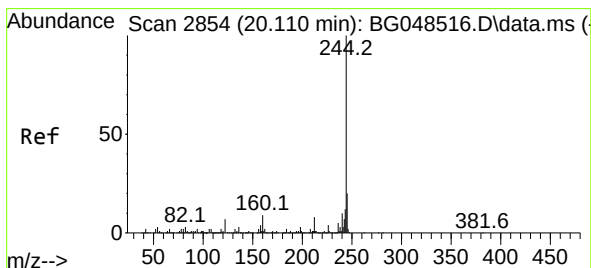
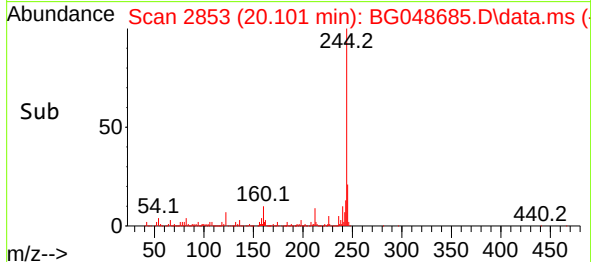
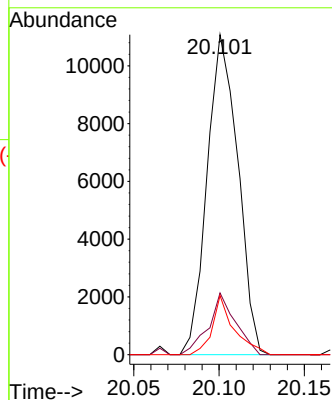
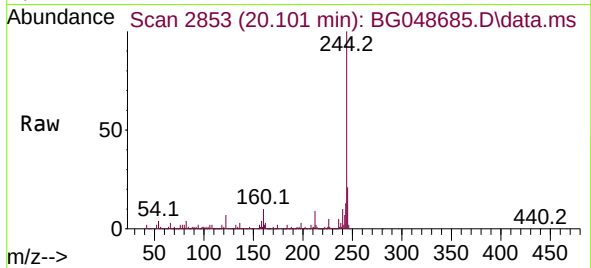




#77
Benzidine
Concen: 3.09 ng
RT: 20.101 min Scan# 2853
Delta R.T. 0.367 min
Lab File: BG048685.D
Acq: 13 Apr 2021 22:23

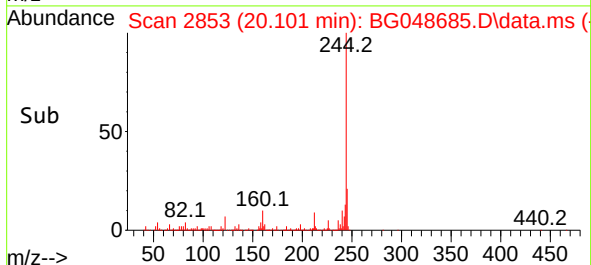
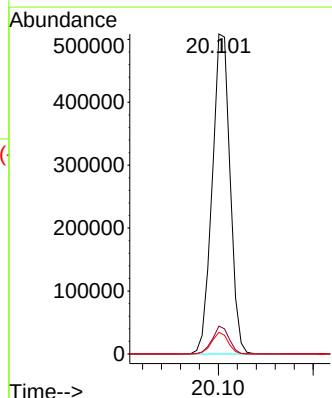
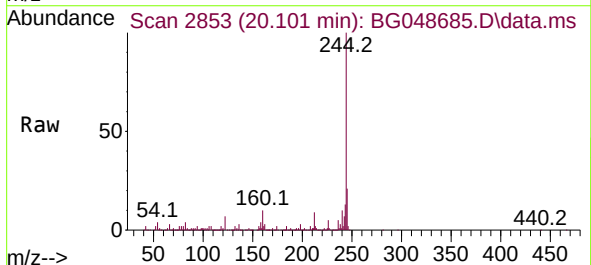
Instrument :
BNA_G
ClientSampleId :
JCSY-WC3-1

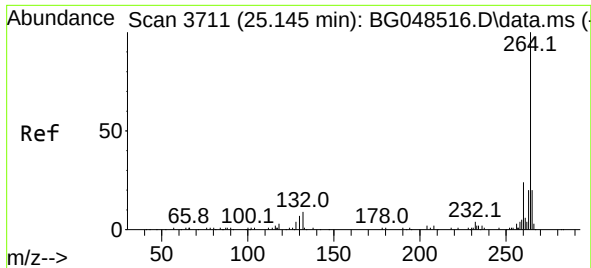
Tgt Ion:184 Resp: 13903
Ion Ratio Lower Upper
184 100
185 19.3 11.0 16.4#
183 18.4 9.2 13.8#



#79
Terphenyl-d14
Concen: 91.75 ng
RT: 20.101 min Scan# 2853
Delta R.T. -0.009 min
Lab File: BG048685.D
Acq: 13 Apr 2021 22:23

Tgt Ion:244 Resp: 666311
Ion Ratio Lower Upper
244 100
212 8.7 6.0 9.0
122 6.7 5.8 8.6





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.124 min Scan# 3708
 Delta R.T. -0.021 min
 Lab File: BG048685.D
 Acq: 13 Apr 2021 22:23

Instrument :
 BNA_G
 ClientSampleId :
 JCSY-WC3-1

Tgt Ion:264 Resp: 129100
 Ion Ratio Lower Upper
 264 100
 260 21.6 19.1 28.7
 265 21.2 16.1 24.1

