

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031721\
 Data File : BG048399.D
 Acq On : 17 Mar 2021 15:48
 Operator : CG/JU
 Sample : M1686-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 17 16:26:56 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 16 16:05:10 2021
 Response via : Initial Calibration

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

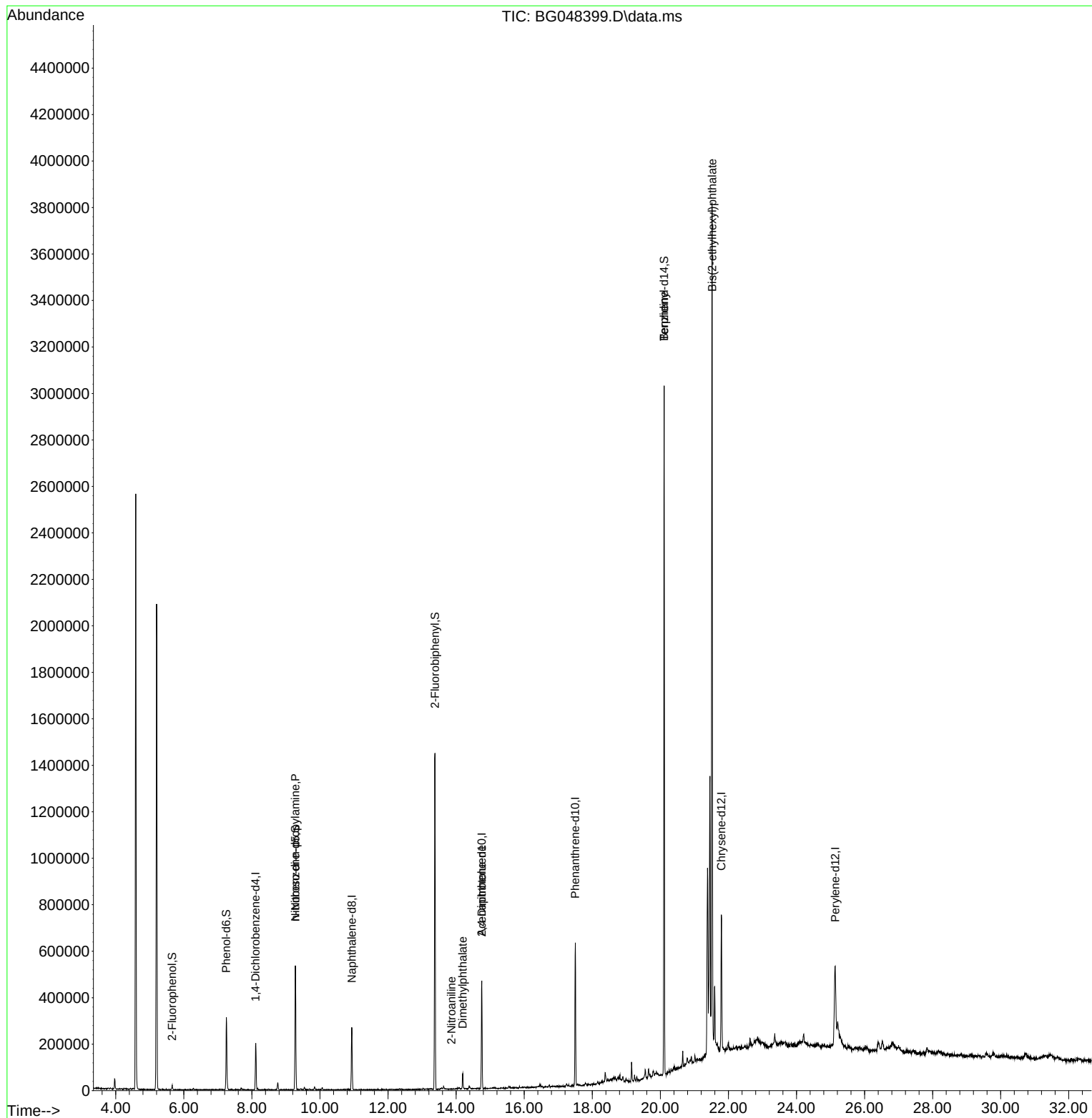
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.109	152	53790	20.00	ng	0.00
21) Naphthalene-d8	10.935	136	208360	20.00	ng	0.00
39) Acenaphthene-d10	14.754	164	164695	20.00	ng	0.00
64) Phenanthrene-d10	17.503	188	385605	20.00	ng	# 0.00
76) Chrysene-d12	21.793	240	379856	20.00	ng	# 0.00
86) Perylene-d12	25.136	264	377295	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.659	112	6338	2.02	ng	0.00
7) Phenol-d6	7.251	99	151151	32.76	ng	0.00
23) Nitrobenzene-d5	9.278	82	329859	70.34	ng	0.00
42) 2,4,6-Tribromophenol	16.228	330	162	0.08	ng	-0.01
45) 2-Fluorobiphenyl	13.379	172	724911	62.03	ng	0.00
79) Terphenyl-d14	20.112	244	1298145	66.05	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.233	77	824	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	9.278	70	48969	13.77	ng	# 80
48) 2-Nitroaniline	13.861	65	358	3.58	ng	# 1
50) Dimethylphthalate	14.196	163	38858	3.07	ng	98
57) 2,4-Dinitrotoluene	14.754	165	21606	7.70	ng	# 32
77) Benzidine	20.112	184	23858	2.42	ng	# 92
84) Bis(2-ethylhexyl)phtha...	21.522	149	1406643	121.70	ng	# 50

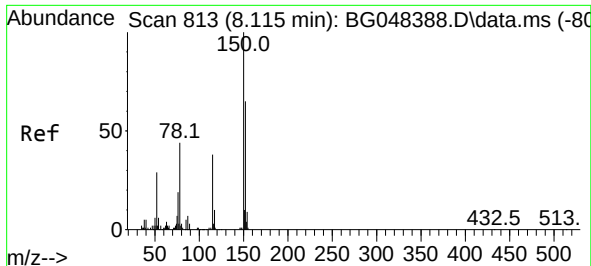
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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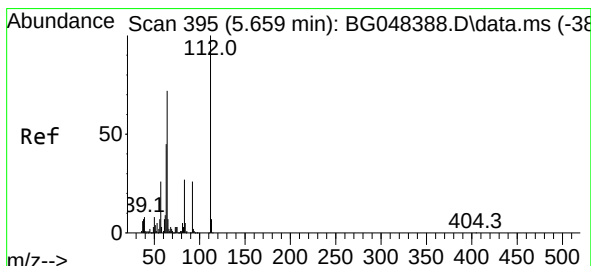
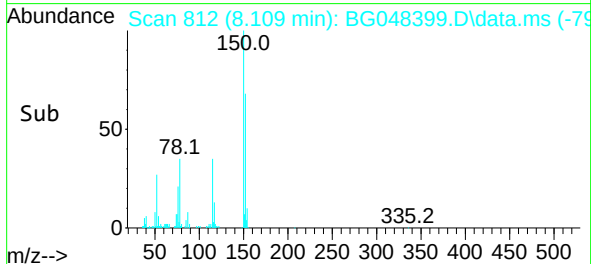
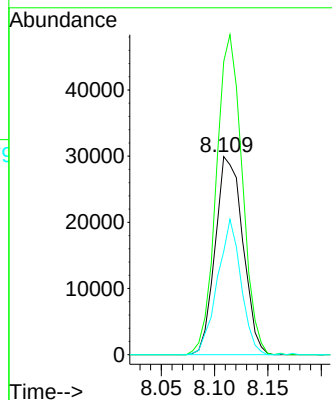
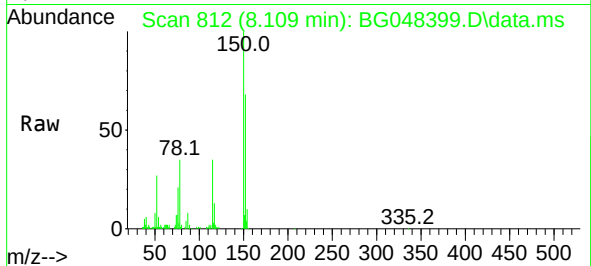




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.109 min Scan# 812
Delta R.T. -0.006 min
Lab File: BG048399.D
Acq: 17 Mar 2021 15:48

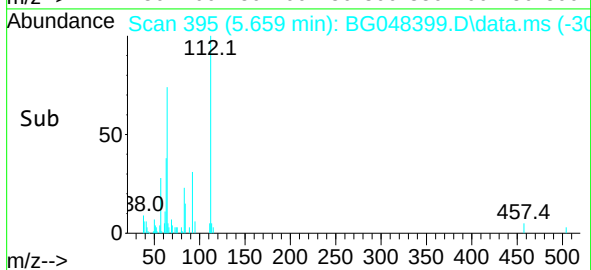
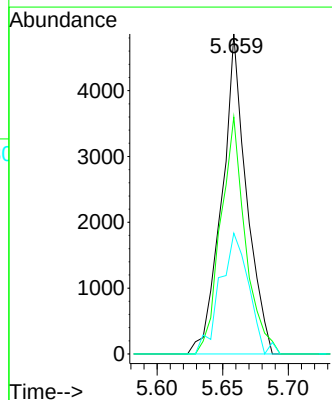
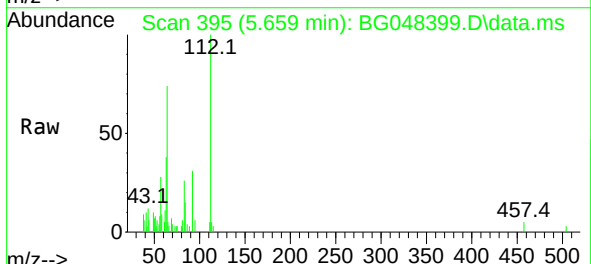
Instrument :
BNA_M
ClientSampled :

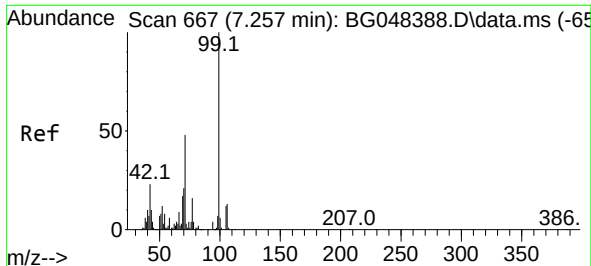
Tgt Ion:152 Resp: 53790
Ion Ratio Lower Upper
152 100
150 148.0 125.0 187.6
115 52.1 41.8 62.6



#5
2-Fluorophenol
Concen: 2.02 ng
RT: 5.659 min Scan# 395
Delta R.T. -0.001 min
Lab File: BG048399.D
Acq: 17 Mar 2021 15:48

Tgt Ion:112 Resp: 6338
Ion Ratio Lower Upper
112 100
64 74.1 46.7 70.1#
63 37.8 22.8 34.2#

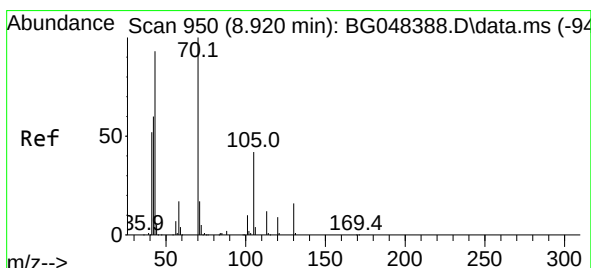
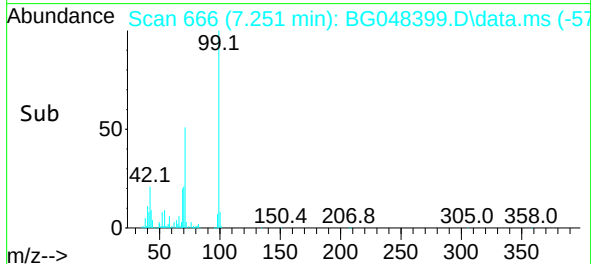
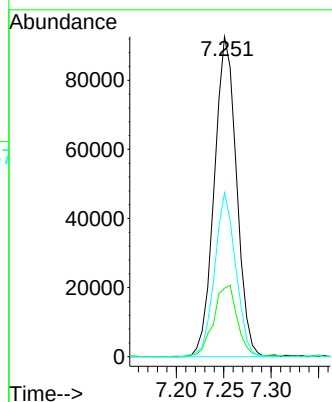
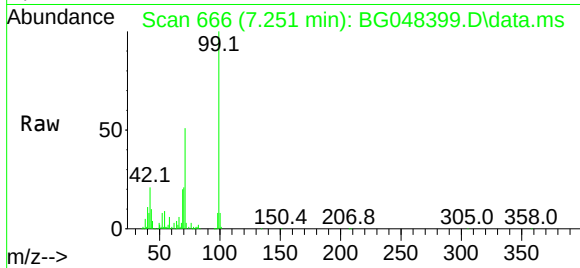




#7
Phenol-d6
Concen: 32.76 ng
RT: 7.251 min Scan# 666
Delta R.T. -0.007 min
Lab File: BG048399.D
Acq: 17 Mar 2021 15:48

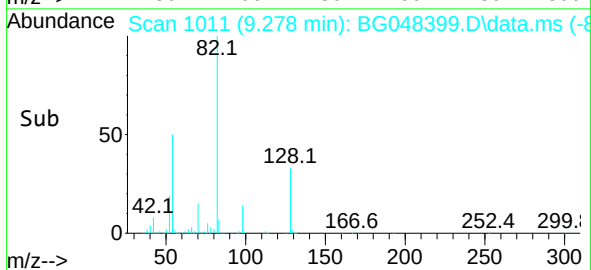
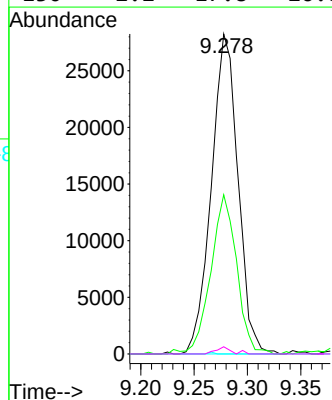
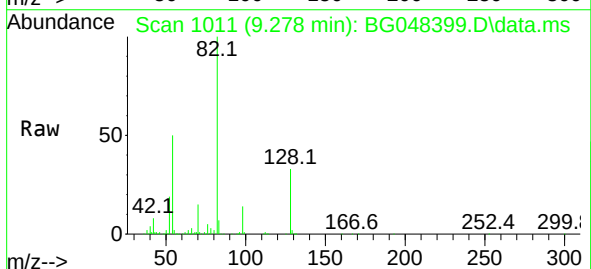
Instrument :
BNA_M
ClientSampleId :

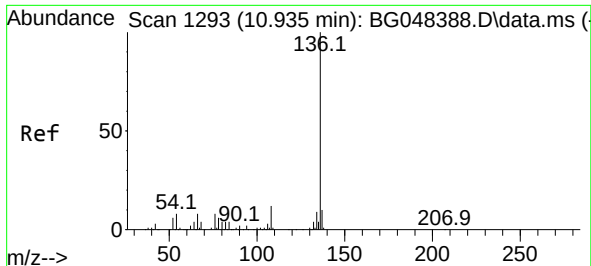
Tgt Ion: 99 Resp: 151151
Ion Ratio Lower Upper
99 100
42 21.4 12.8 19.2#
71 51.3 24.6 36.8#



#19
n-Nitroso-di-n-propylamine
Concen: 13.77 ng
RT: 9.278 min Scan# 1011
Delta R.T. 0.358 min
Lab File: BG048399.D
Acq: 17 Mar 2021 15:48

Tgt Ion: 70 Resp: 48969
Ion Ratio Lower Upper
70 100
42 49.7 45.6 68.4
101 0.0 8.4 12.6#
130 2.2 17.8 26.8#

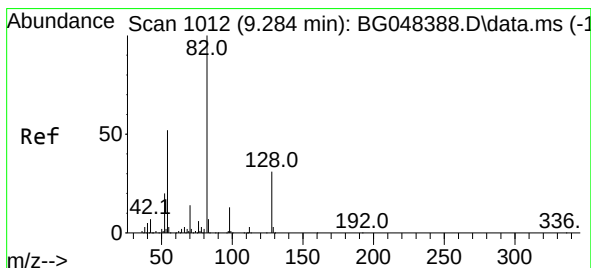
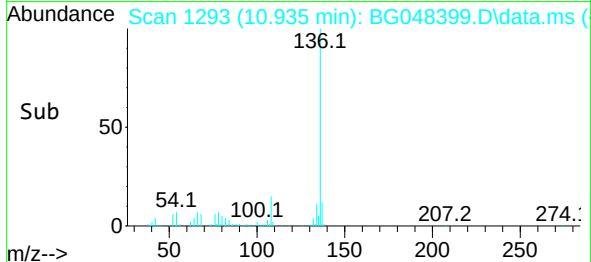
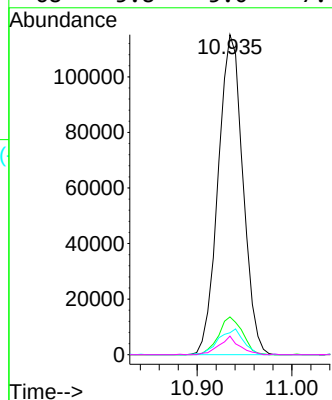
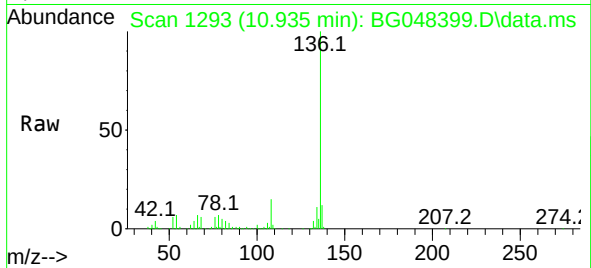




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.935 min Scan# 1293
Delta R.T. -0.000 min
Lab File: BG048399.D
Acq: 17 Mar 2021 15:48

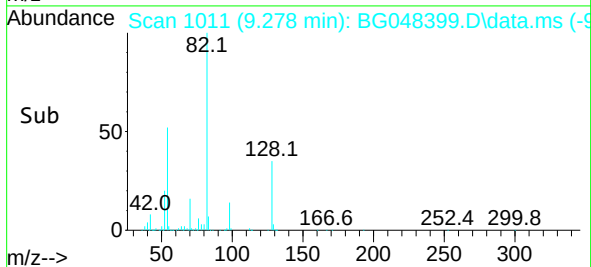
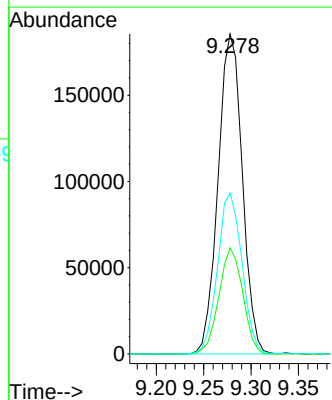
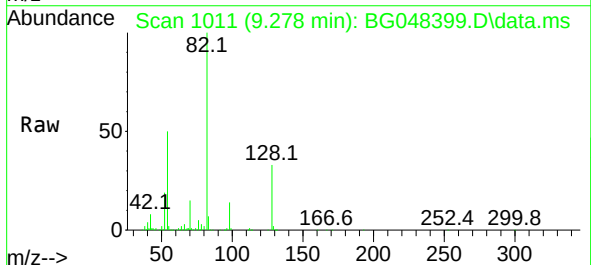
Instrument :
BNA_M
ClientSampled :

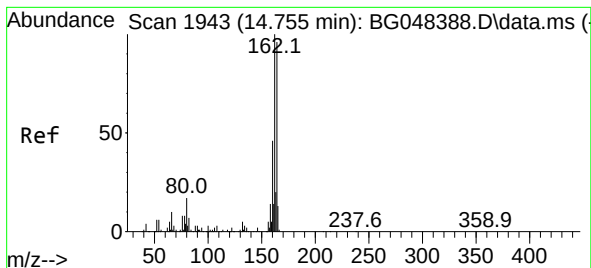
Tgt Ion:	136	Resp:	208360
Ion Ratio	Lower	Upper	
136	100		
137	11.8	9.1	13.7
54	6.9	6.2	9.4
68	5.8	5.0	7.4



#23
Nitrobenzene-d5
Concen: 70.34 ng
RT: 9.278 min Scan# 1011
Delta R.T. -0.006 min
Lab File: BG048399.D
Acq: 17 Mar 2021 15:48

Tgt Ion:	82	Resp:	329859
Ion Ratio	Lower	Upper	
82	100		
128	33.2	37.0	55.6#
54	50.4	39.0	58.4





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.754 min Scan# 1943

Delta R.T. -0.001 min

Lab File: BG048399.D

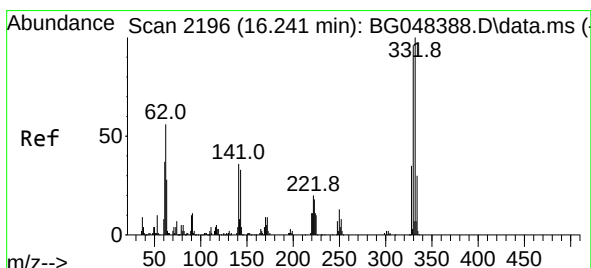
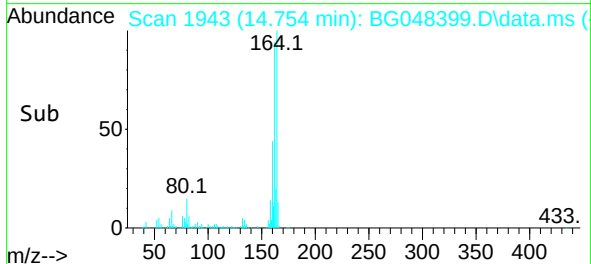
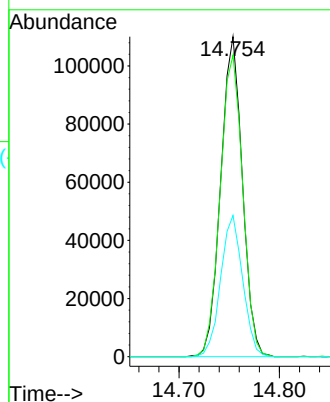
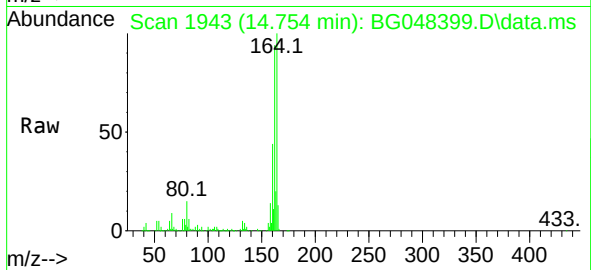
Acq: 17 Mar 2021 15:48

Instrument :

BNA_M

ClientSampleId :

Tgt Ion:	164	Resp:	164695
Ion Ratio	Lower	Upper	
164	100		
162	94.2	82.3	123.5
160	44.1	35.3	52.9



#42

2,4,6-Tribromophenol

Concen: 0.08 ng

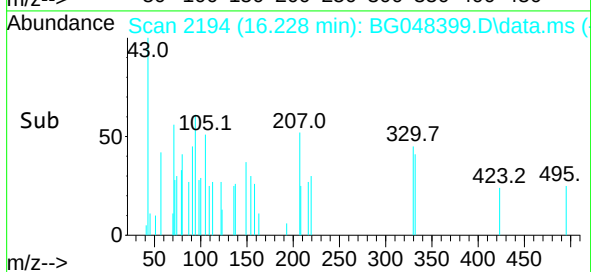
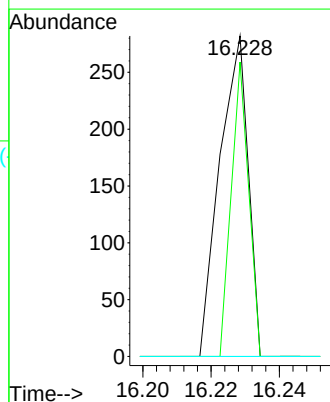
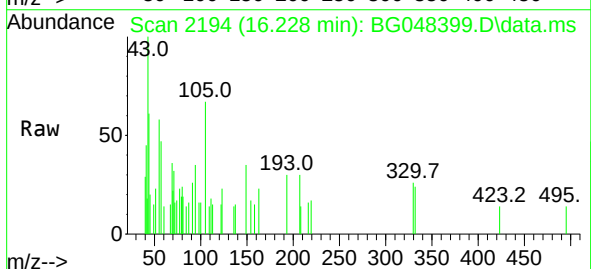
RT: 16.228 min Scan# 2194

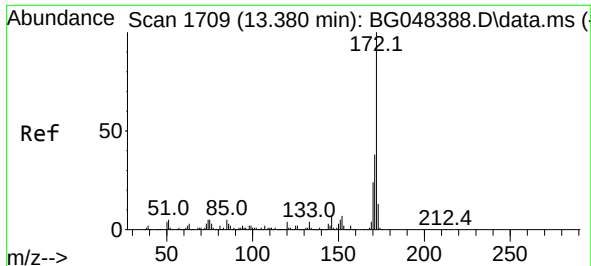
Delta R.T. -0.013 min

Lab File: BG048399.D

Acq: 17 Mar 2021 15:48

Tgt Ion:	330	Resp:	162
Ion Ratio	Lower	Upper	
330	100		
332	56.2	76.5	114.7#
141	0.0	26.0	39.0#

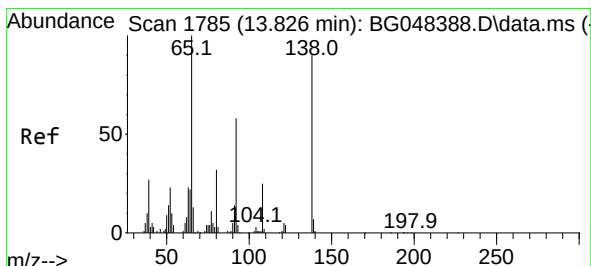
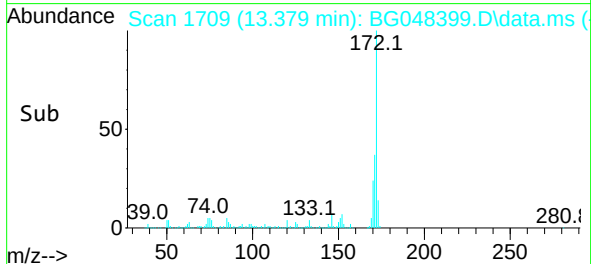
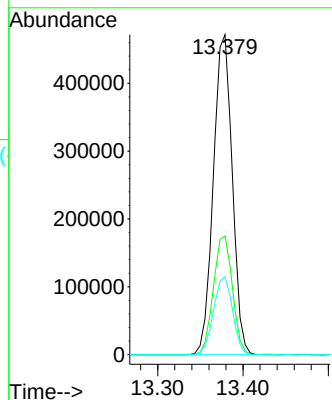
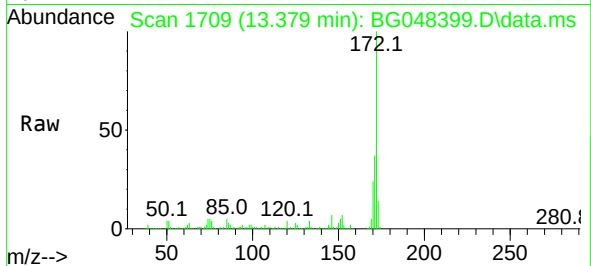




#45
2-Fluorobiphenyl
Concen: 62.03 ng
RT: 13.379 min Scan# 1709
Delta R.T. -0.001 min
Lab File: BG048399.D
Acq: 17 Mar 2021 15:48

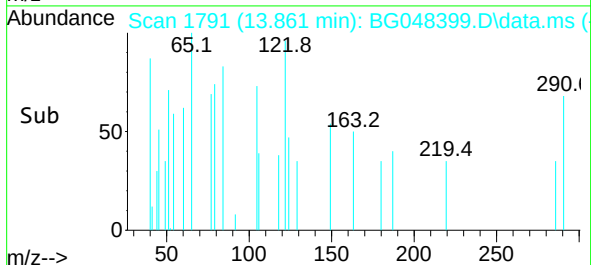
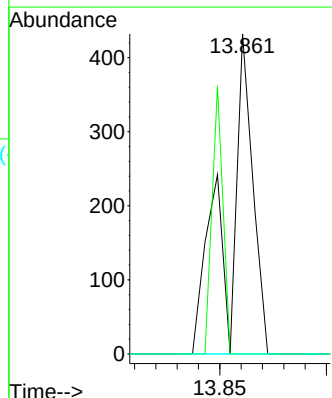
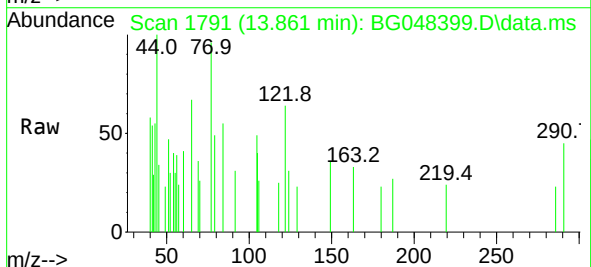
Instrument :
BNA_M
ClientSampled :

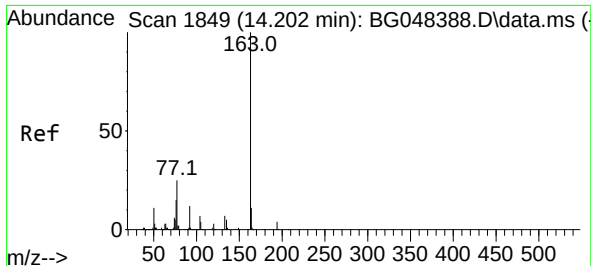
Tgt Ion:172 Resp: 724911
Ion Ratio Lower Upper
172 100
171 37.1 31.3 46.9
170 24.4 20.8 31.2



#48
2-Nitroaniline
Concen: 3.58 ng
RT: 13.861 min Scan# 1791
Delta R.T. 0.035 min
Lab File: BG048399.D
Acq: 17 Mar 2021 15:48

Tgt Ion: 65 Resp: 358
Ion Ratio Lower Upper
65 100
92 0.0 58.6 88.0#
138 0.0 98.2 147.4#

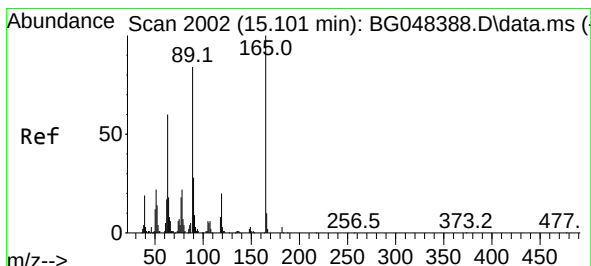
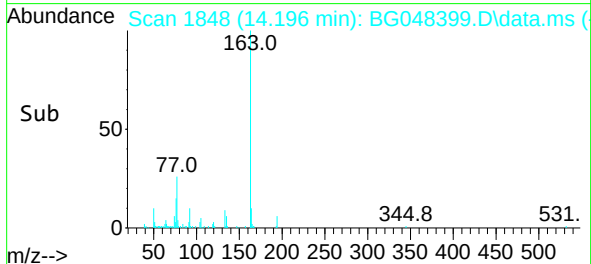
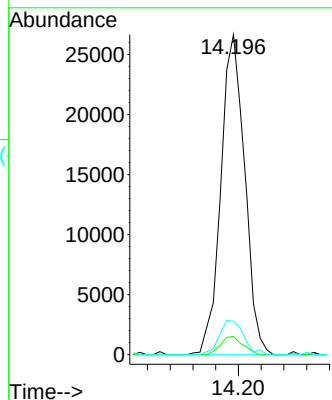
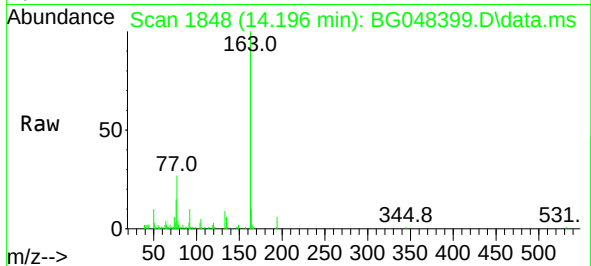




#50
Dimethylphthalate
Concen: 3.07 ng
RT: 14.196 min Scan# 1848
Delta R.T. -0.007 min
Lab File: BG048399.D
Acq: 17 Mar 2021 15:48

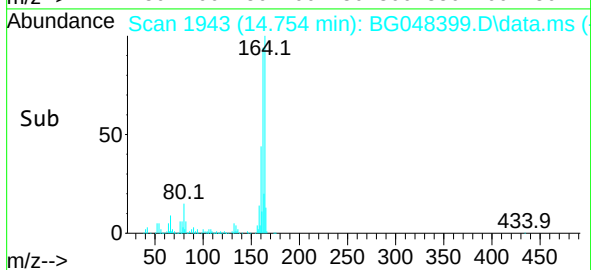
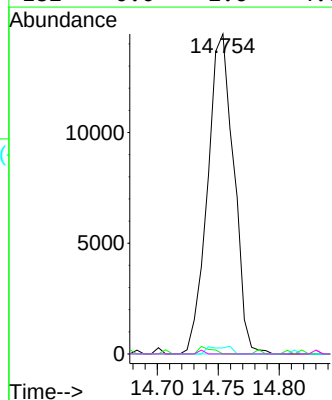
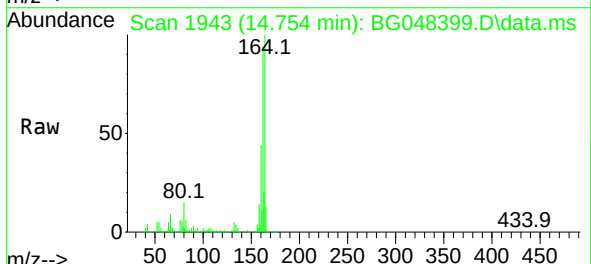
Instrument :
BNA_M
ClientSampled :

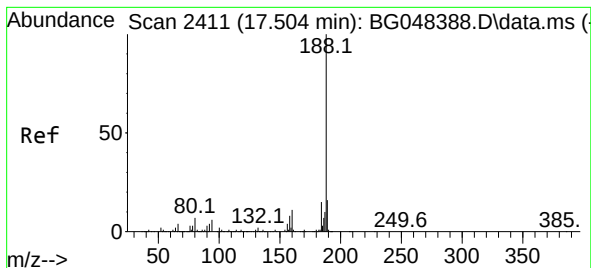
Tgt Ion:163 Resp: 38858
Ion Ratio Lower Upper
163 100
194 5.7 3.8 5.8
164 10.4 8.8 13.2



#57
2,4-Dinitrotoluene
Concen: 7.70 ng
RT: 14.754 min Scan# 1943
Delta R.T. -0.347 min
Lab File: BG048399.D
Acq: 17 Mar 2021 15:48

Tgt Ion:165 Resp: 21606
Ion Ratio Lower Upper
165 100
63 0.0 26.4 39.6#
89 1.9 47.8 71.8#
182 0.0 2.6 4.0#

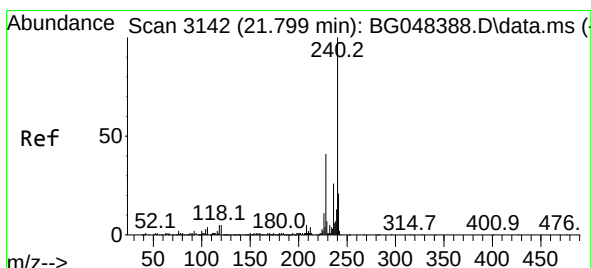
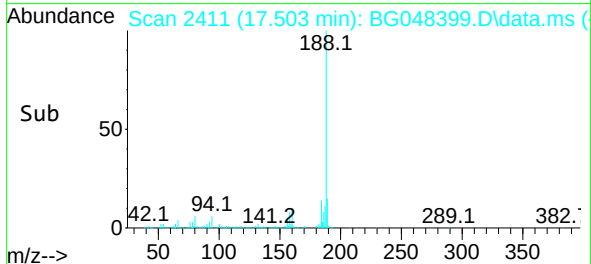
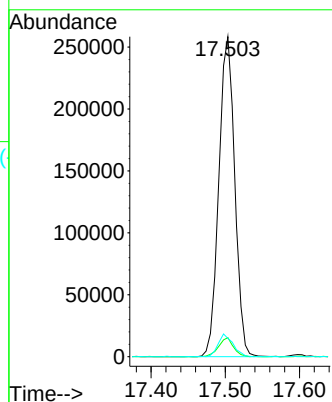
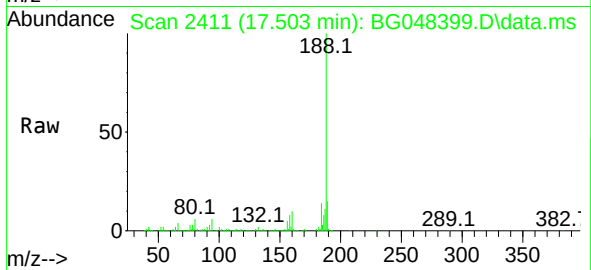




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.503 min Scan# 2411
Delta R.T. -0.001 min
Lab File: BG048399.D
Acq: 17 Mar 2021 15:48

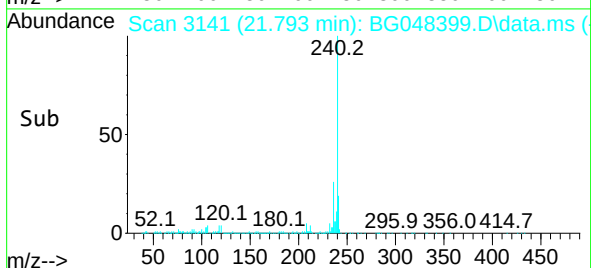
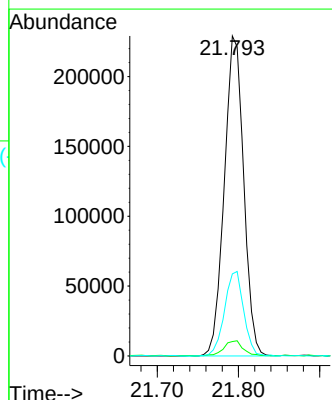
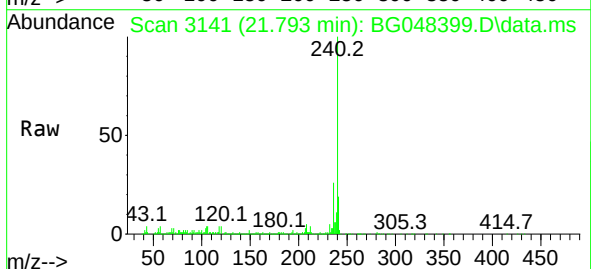
Instrument :
BNA_M
ClientSampled :

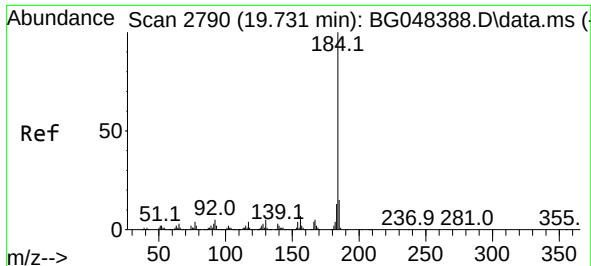
Tgt Ion:188 Resp: 385605
Ion Ratio Lower Upper
188 100
94 5.9 6.3 9.5#
80 5.7 7.0 10.6#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.793 min Scan# 3141
Delta R.T. -0.006 min
Lab File: BG048399.D
Acq: 17 Mar 2021 15:48

Tgt Ion:240 Resp: 379856
Ion Ratio Lower Upper
240 100
120 4.5 6.2 9.4#
236 25.6 20.5 30.7

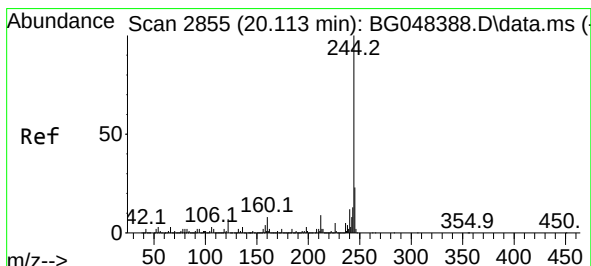
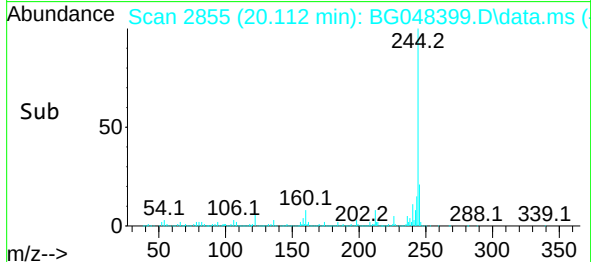
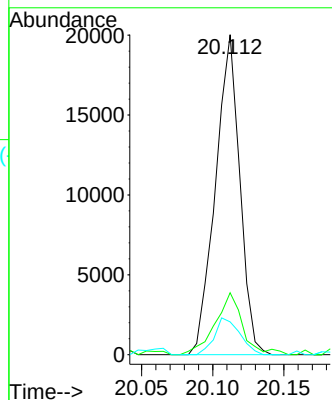
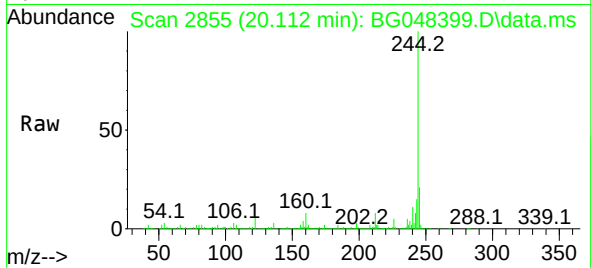




#77
Benzidine
Concen: 2.42 ng
RT: 20.112 min Scan# 2855
Delta R.T. 0.381 min
Lab File: BG048399.D
Acq: 17 Mar 2021 15:48

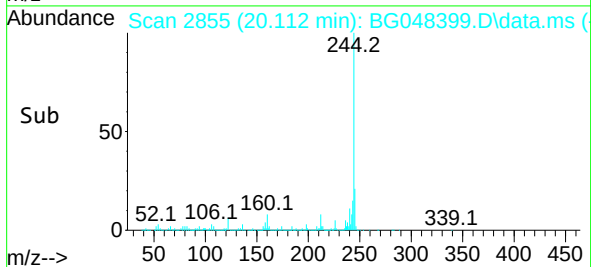
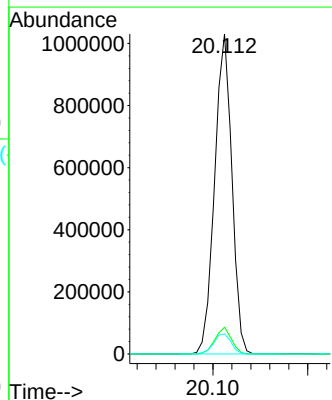
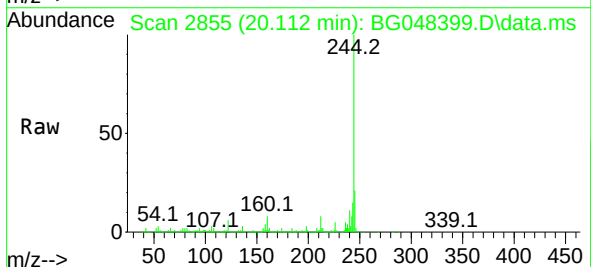
Instrument :
BNA_M
ClientSampled :

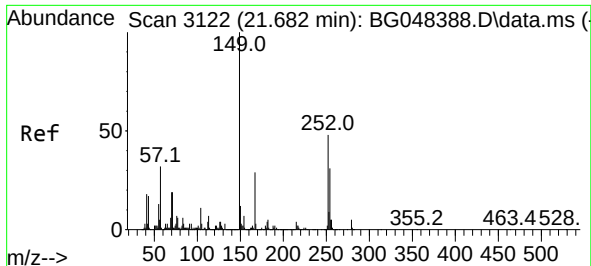
Tgt Ion:184 Resp: 23858
Ion Ratio Lower Upper
184 100
185 19.3 12.4 18.6#
183 10.3 10.6 15.8#



#79
Terphenyl-d14
Concen: 66.05 ng
RT: 20.112 min Scan# 2855
Delta R.T. -0.001 min
Lab File: BG048399.D
Acq: 17 Mar 2021 15:48

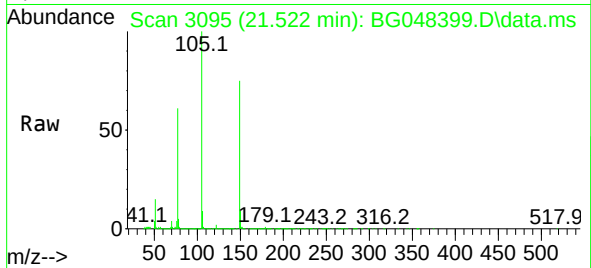
Tgt Ion:244 Resp: 1298145
Ion Ratio Lower Upper
244 100
212 8.4 6.7 10.1
122 6.2 7.8 11.6#



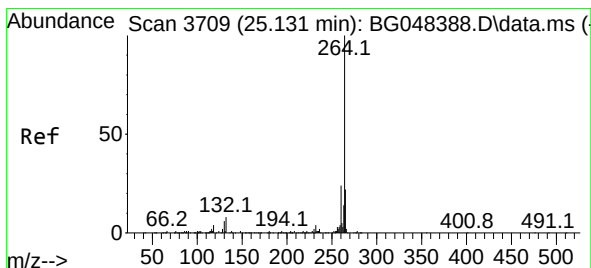
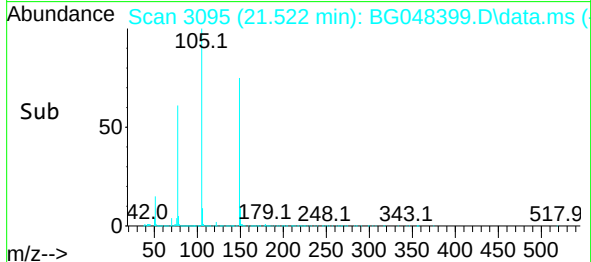
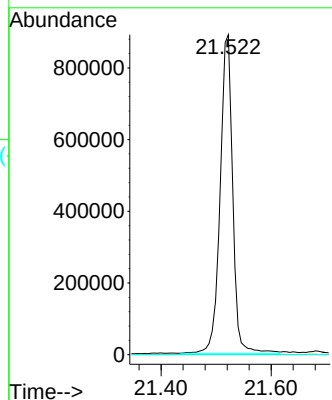


#84
Bis(2-ethylhexyl)phthalate
Concen: 121.70 ng
RT: 21.522 min Scan# 3095
Delta R.T. -0.159 min
Lab File: BG048399.D
Acq: 17 Mar 2021 15:48

Instrument :
BNA_M
ClientSampled :



Tgt Ion:149 Resp: 1406643
Ion Ratio Lower Upper
149 100
167 0.1 24.8 37.2#
279 0.0 4.6 7.0#



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.136 min Scan# 3710
Delta R.T. 0.005 min
Lab File: BG048399.D
Acq: 17 Mar 2021 15:48

Tgt Ion:264 Resp: 377295
Ion Ratio Lower Upper
264 100
260 23.1 18.8 28.2
265 23.4 17.8 26.8

