

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031921\
 Data File : BG048432.D
 Acq On : 19 Mar 2021 20:27
 Operator : CG/JU
 Sample : M1732-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-4A-(0.5-1.0)

Quant Time: Mar 19 22:52:39 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 18 16:38:55 2021
 Response via : Initial Calibration

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

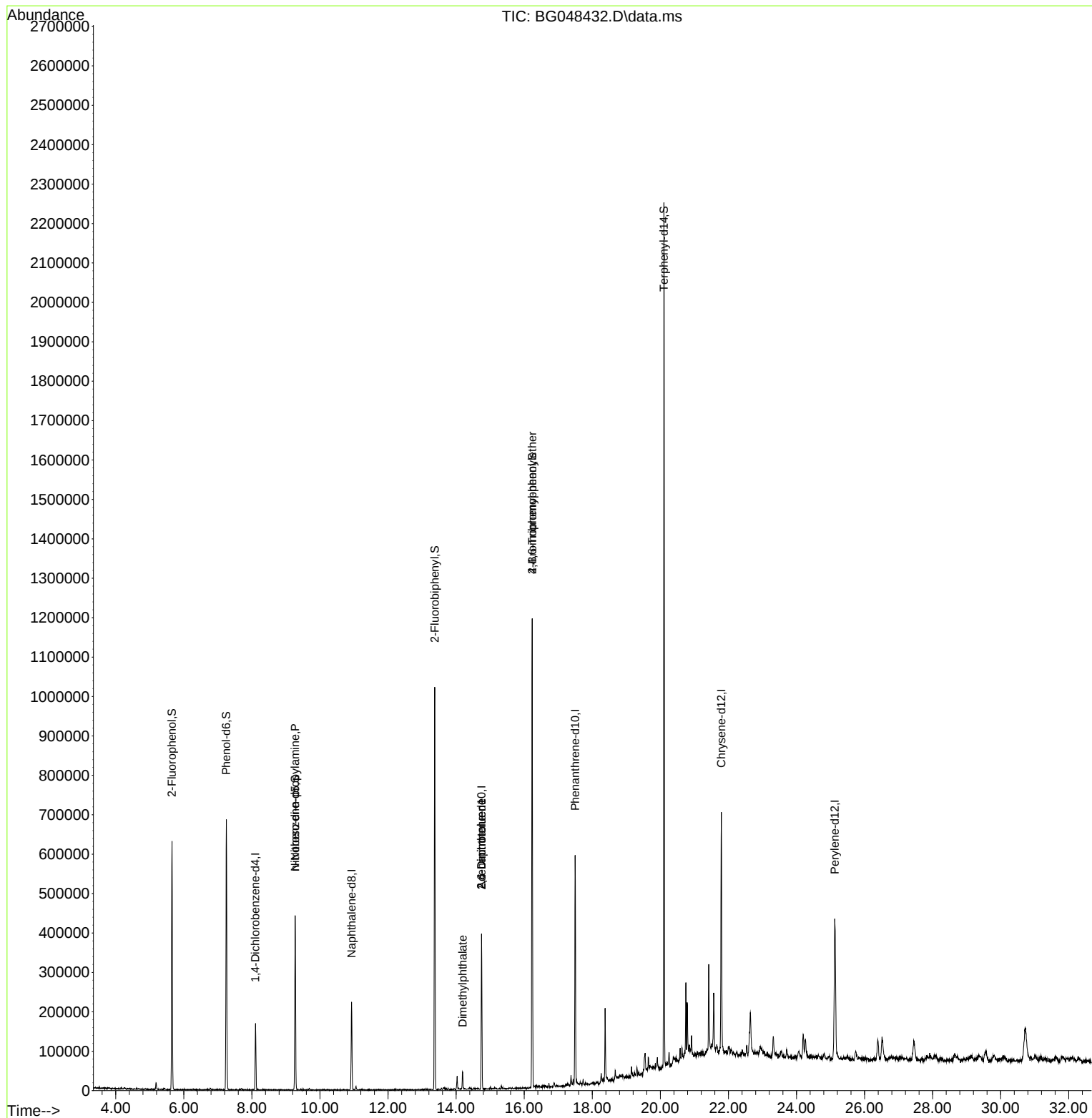
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.102	152	41966	20.00	ng	0.00
21) Naphthalene-d8	10.928	136	168592	20.00	ng	# 0.00
39) Acenaphthene-d10	14.748	164	133341	20.00	ng	0.00
64) Phenanthrene-d10	17.497	188	360217	20.00	ng	# 0.00
76) Chrysene-d12	21.792	240	383935	20.00	ng	# 0.00
86) Perylene-d12	25.124	264	398933	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.652	112	240353	94.71	ng	0.00
7) Phenol-d6	7.250	99	336559	91.14	ng	0.00
23) Nitrobenzene-d5	9.272	82	255378	60.57	ng	0.00
42) 2,4,6-Tribromophenol	16.234	330	218805	100.90	ng	0.00
45) 2-Fluorobiphenyl	13.373	172	514664	55.52	ng	0.00
79) Terphenyl-d14	20.106	244	1018269	47.83	ng	0.00
Target Compounds						
9) Benzaldehyde	7.239	77	1535	Below Cal	#	53
19) n-Nitroso-di-n-propyla...	9.272	70	37949	13.85	ng	# 72
50) Dimethylphthalate	14.189	163	26482	2.44	ng	# 92
51) 2,6-Dinitrotoluene	14.748	165	17310	7.41	ng	# 35
57) 2,4-Dinitrotoluene	14.748	165	17310	5.22	ng	# 33
67) 4-Bromophenyl-phenylether	16.234	248	14730	3.25	ng	# 1

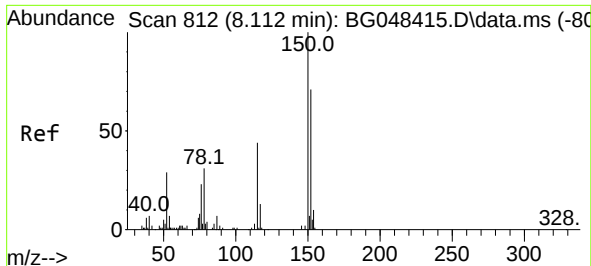
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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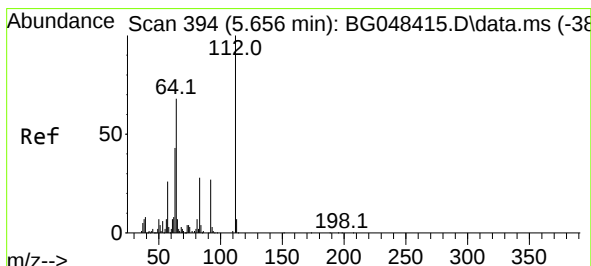
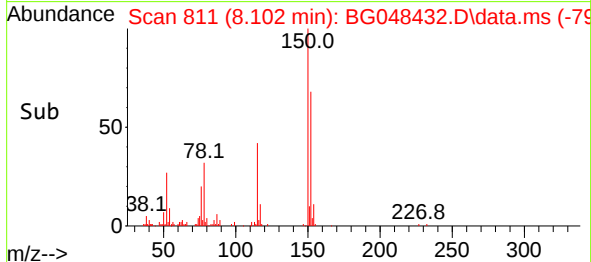
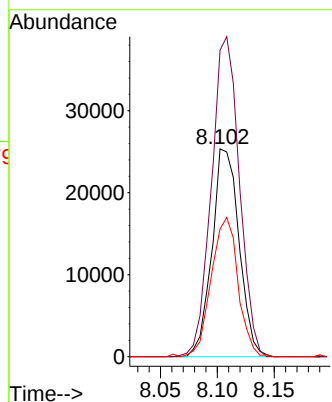
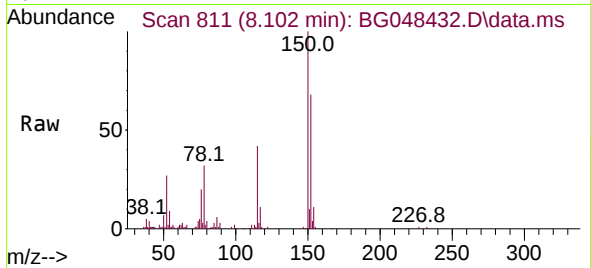




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.102 min Scan# 811
Delta R.T. -0.010 min
Lab File: BG048432.D
Acq: 19 Mar 2021 20:27

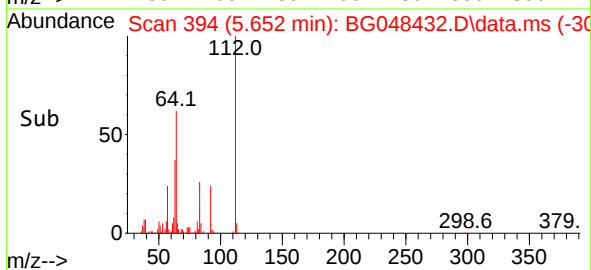
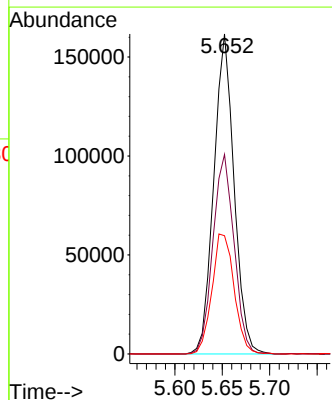
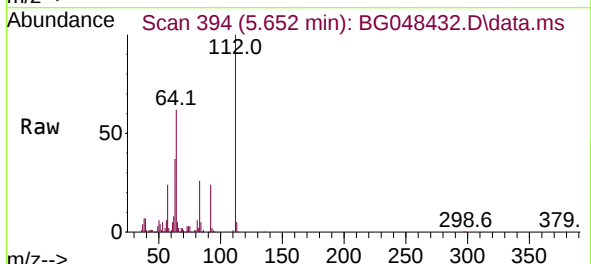
Instrument :
BNA_G
ClientSampleId :
SB-4A-(0.5-1.0)

Tgt Ion:152 Resp: 41966
Ion Ratio Lower Upper
152 100
150 147.5 125.0 187.6
115 61.5 41.8 62.6



#5
2-Fluorophenol
Concen: 94.71 ng
RT: 5.652 min Scan# 394
Delta R.T. -0.003 min
Lab File: BG048432.D
Acq: 19 Mar 2021 20:27

Tgt Ion:112 Resp: 240353
Ion Ratio Lower Upper
112 100
64 62.4 46.7 70.1
63 36.9 22.8 34.2#

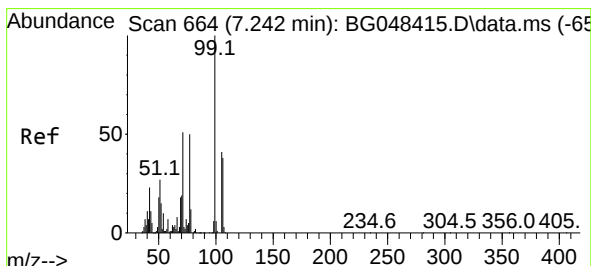
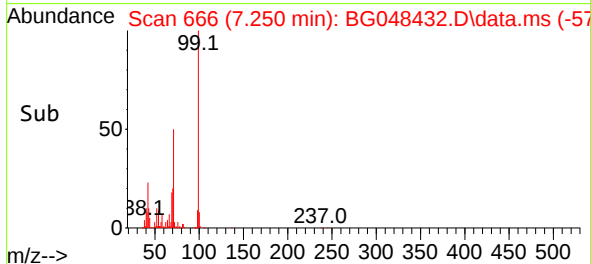
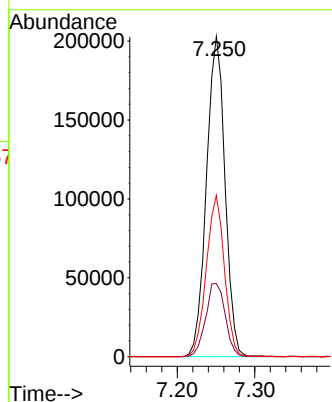
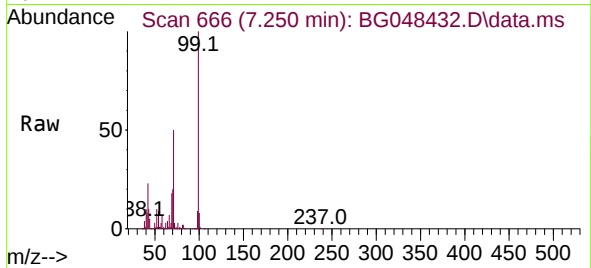




#7
Phenol-d6
Concen: 91.14 ng
RT: 7.250 min Scan# 666
Delta R.T. -0.003 min
Lab File: BG048432.D
Acq: 19 Mar 2021 20:27

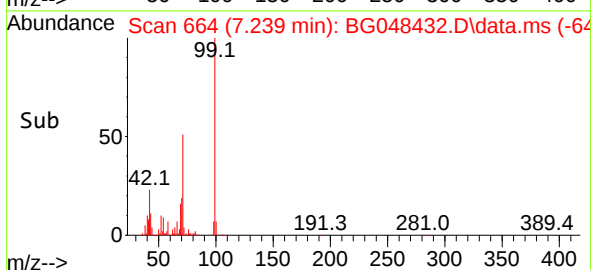
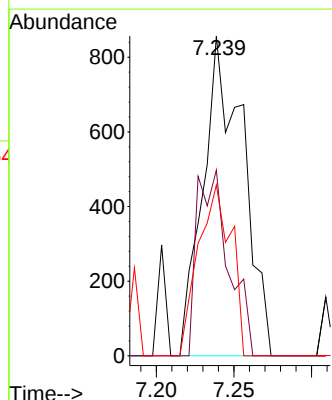
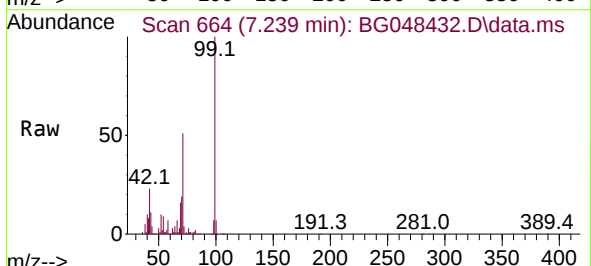
Instrument :
BNA_G
ClientSampleId :
SB-4A-(0.5-1.0)

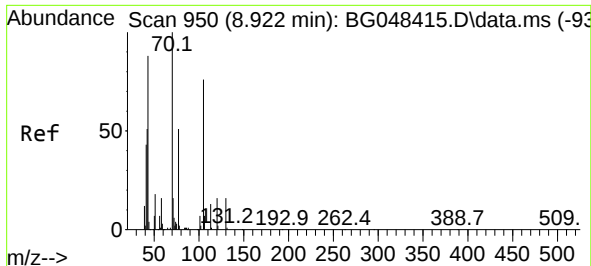
Tgt Ion: 99 Resp: 336559
Ion Ratio Lower Upper
99 100
42 22.9 12.8 19.2#
71 50.4 24.6 36.8#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.239 min Scan# 664
Delta R.T. -0.003 min
Lab File: BG048432.D
Acq: 19 Mar 2021 20:27

Tgt Ion: 77 Resp: 1535
Ion Ratio Lower Upper
77 100
105 58.1 85.9 125.9#
106 53.4 80.9 120.9#

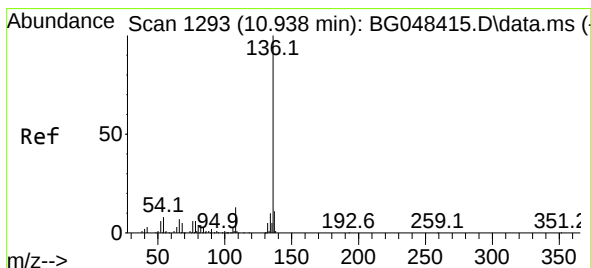
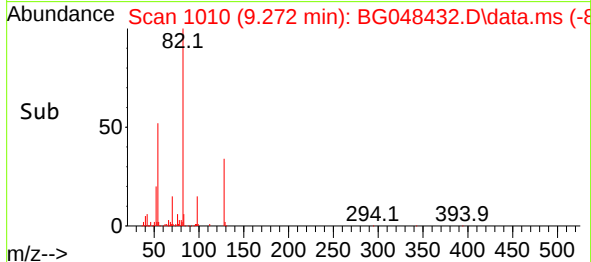
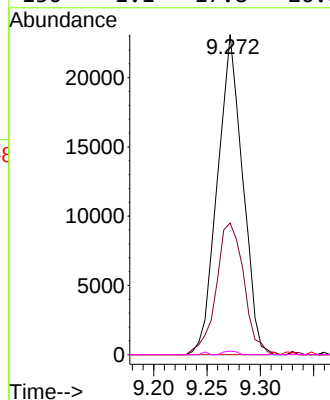
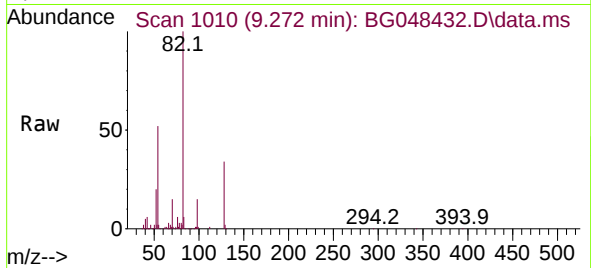




#19
n-Nitroso-di-n-propylamine
Concen: 13.85 ng
RT: 9.272 min Scan# 1010
Delta R.T. 0.349 min
Lab File: BG048432.D
Acq: 19 Mar 2021 20:27

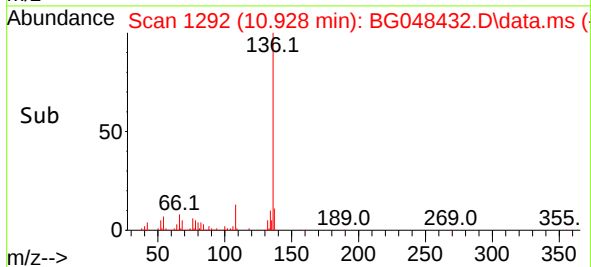
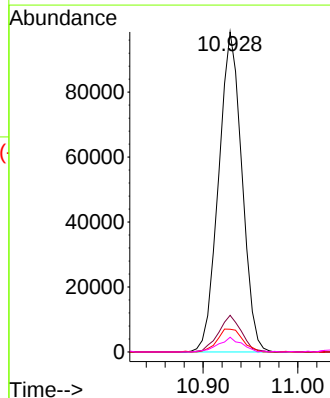
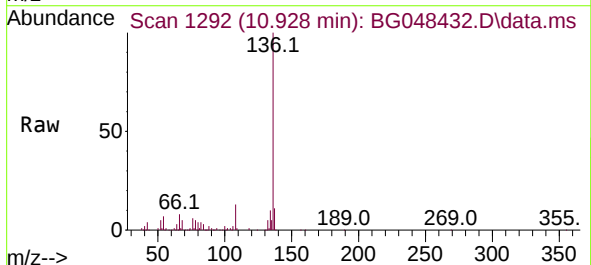
Instrument :
BNA_G
ClientSampleId :
SB-4A-(0.5-1.0)

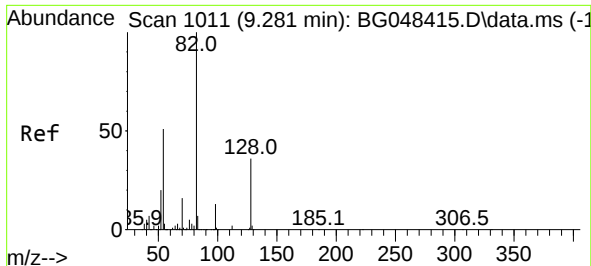
Tgt Ion: 70	Resp: 37949
Ion Ratio	Lower Upper
70 100	
42 41.2	45.6 68.4#
101 0.0	8.4 12.6#
130 1.1	17.8 26.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.928 min Scan# 1292
Delta R.T. -0.009 min
Lab File: BG048432.D
Acq: 19 Mar 2021 20:27

Tgt Ion: 136	Resp: 168592
Ion Ratio	Lower Upper
136 100	
137 11.5	9.1 13.7
54 7.1	6.2 9.4
68 4.6	5.0 7.4#

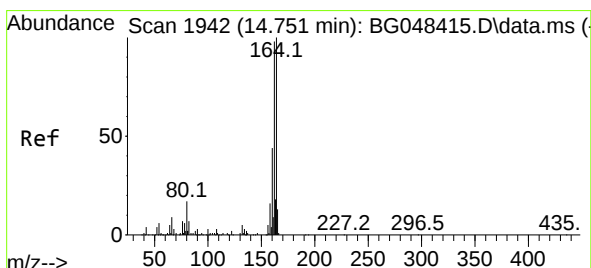
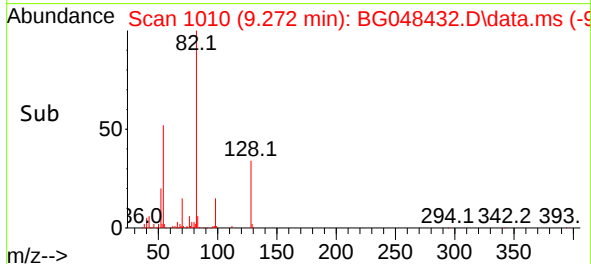
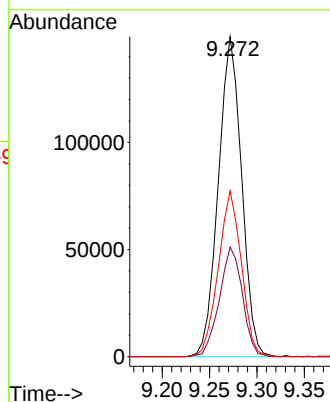
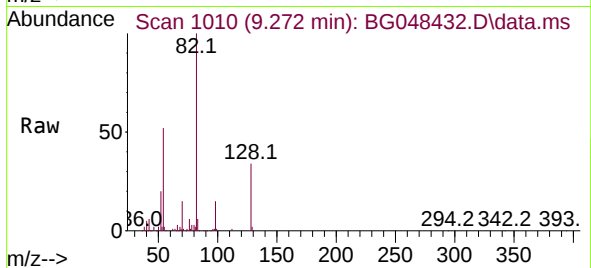




#23
Nitrobenzene-d5
Concen: 60.57 ng
RT: 9.272 min Scan# 1010
Delta R.T. -0.009 min
Lab File: BG048432.D
Acq: 19 Mar 2021 20:27

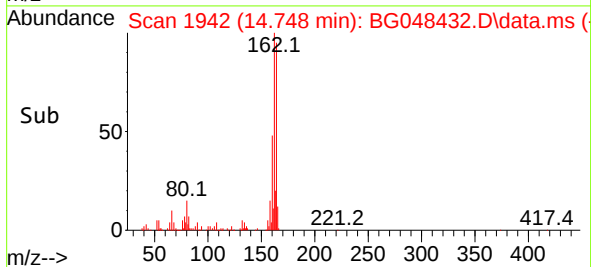
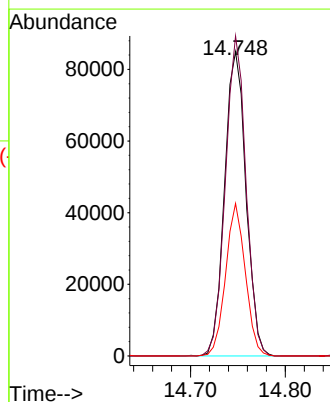
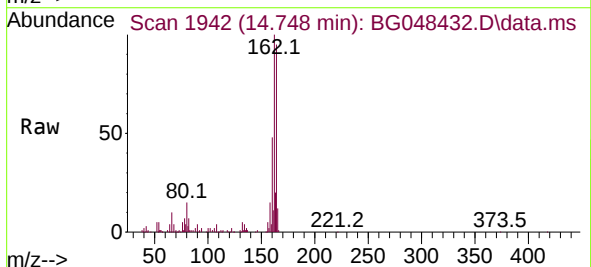
Instrument :
BNA_G
ClientSampleId :
SB-4A-(0.5-1.0)

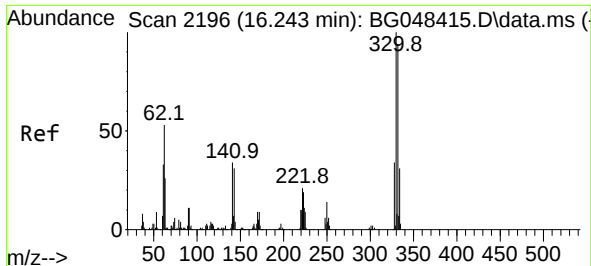
Tgt Ion: 82 Resp: 255378
Ion Ratio Lower Upper
82 100
128 34.3 37.0 55.6#
54 51.8 39.0 58.4



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.748 min Scan# 1942
Delta R.T. -0.003 min
Lab File: BG048432.D
Acq: 19 Mar 2021 20:27

Tgt Ion: 164 Resp: 133341
Ion Ratio Lower Upper
164 100
162 105.2 82.3 123.5
160 50.1 35.3 52.9

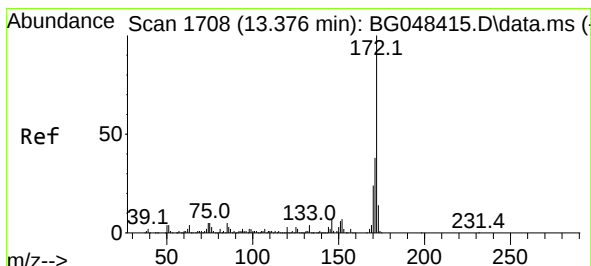
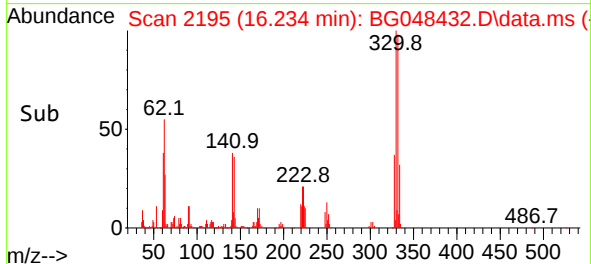
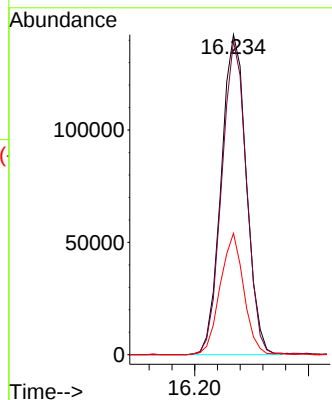
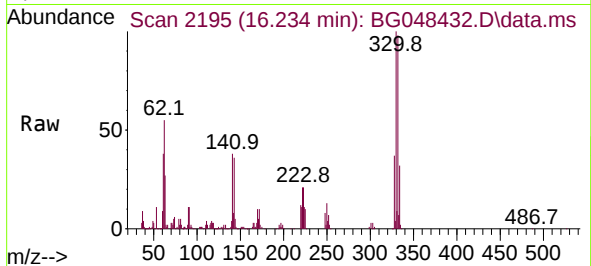




#42
2,4,6-Tribromophenol
Concen: 100.90 ng
RT: 16.234 min Scan# 2195
Delta R.T. -0.009 min
Lab File: BG048432.D
Acq: 19 Mar 2021 20:27

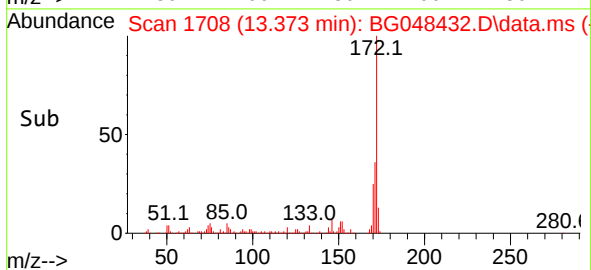
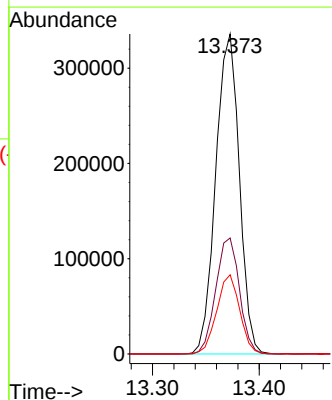
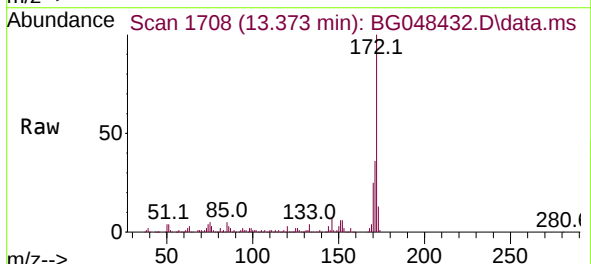
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BNA_G
ClientSampleId :
SB-4A-(0.5-1.0)

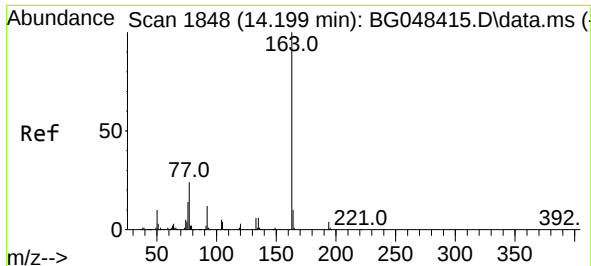
Tgt Ion:330 Resp: 218805
Ion Ratio Lower Upper
330 100
332 96.4 76.5 114.7
141 35.7 26.0 39.0



#45
2-Fluorobiphenyl
Concen: 55.52 ng
RT: 13.373 min Scan# 1708
Delta R.T. -0.003 min
Lab File: BG048432.D
Acq: 19 Mar 2021 20:27

Tgt Ion:172 Resp: 514664
Ion Ratio Lower Upper
172 100
171 36.2 31.3 46.9
170 24.7 20.8 31.2

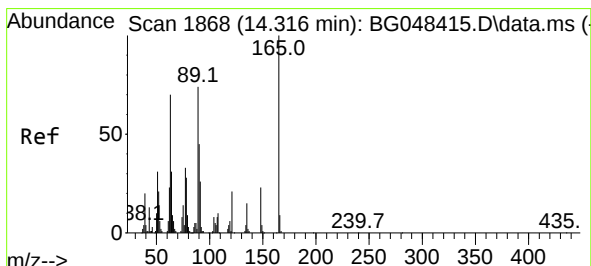
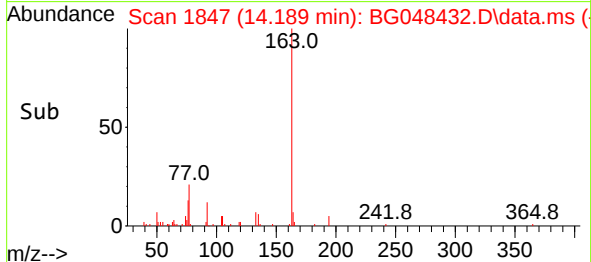
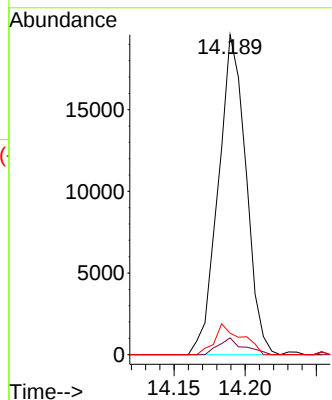
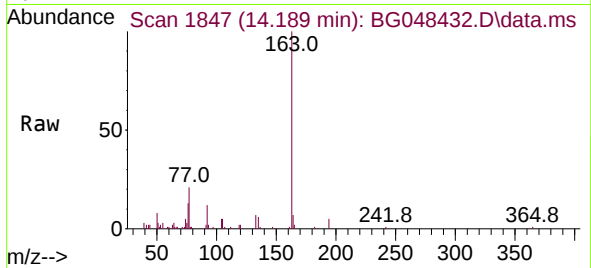




#50
Dimethylphthalate
Concen: 2.44 ng
RT: 14.189 min Scan# 1847
Delta R.T. -0.009 min
Lab File: BG048432.D
Acq: 19 Mar 2021 20:27

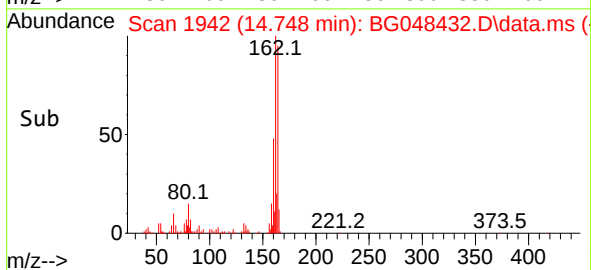
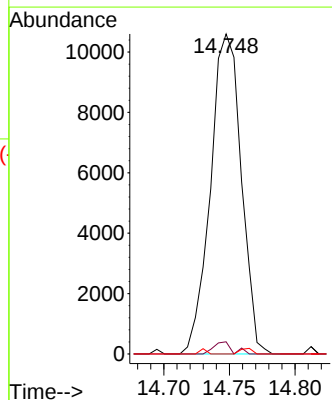
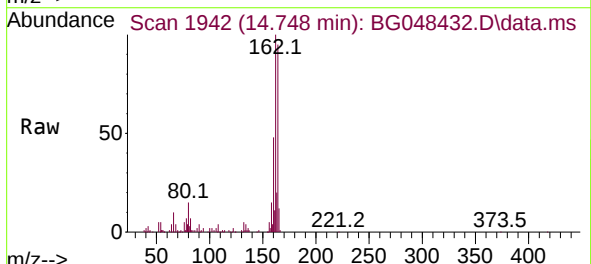
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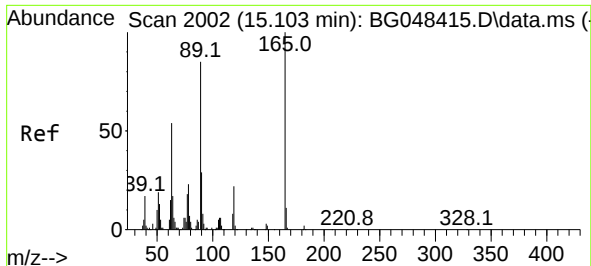
Tgt Ion:163 Resp: 26482
Ion Ratio Lower Upper
163 100
194 5.3 3.8 5.8
164 6.7 8.8 13.2#



#51
2,6-Dinitrotoluene
Concen: 7.41 ng
RT: 14.748 min Scan# 1942
Delta R.T. 0.431 min
Lab File: BG048432.D
Acq: 19 Mar 2021 20:27

Tgt Ion:165 Resp: 17310
Ion Ratio Lower Upper
165 100
63 3.8 33.7 50.5#
89 0.0 36.6 54.8#

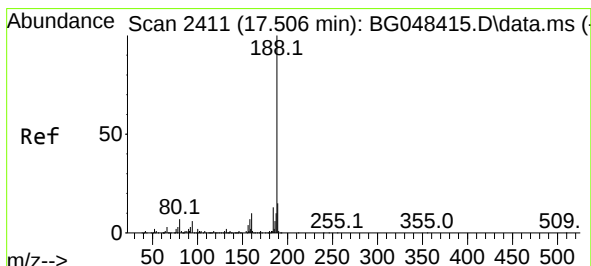
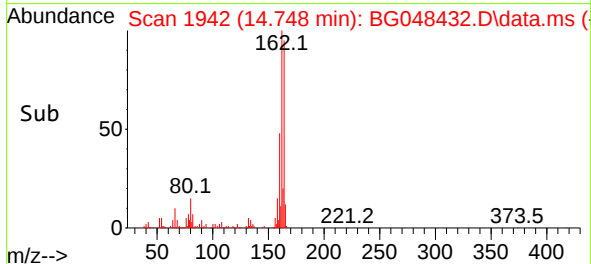
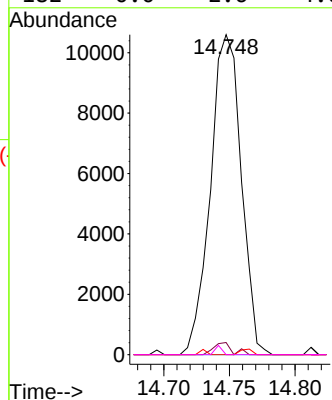
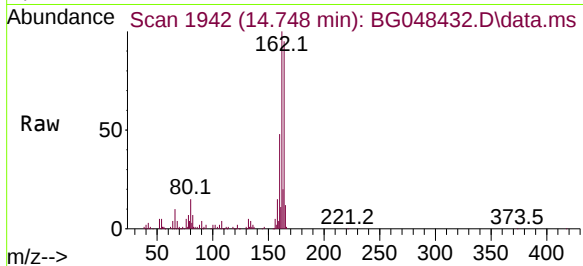




#57
2,4-Dinitrotoluene
Concen: 5.22 ng
RT: 14.748 min Scan# 1942
Delta R.T. -0.356 min
Lab File: BG048432.D
Acq: 19 Mar 2021 20:27

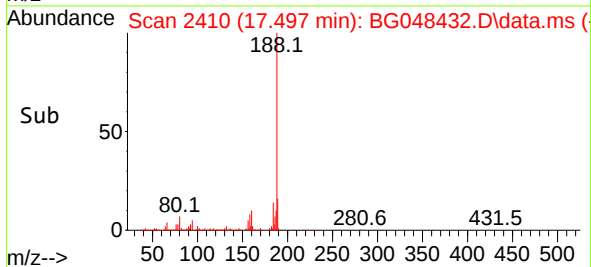
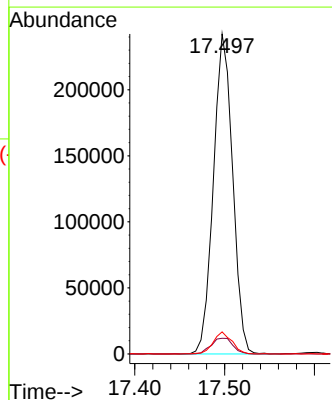
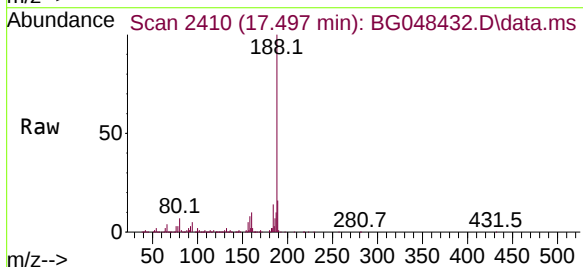
Instrument :
BNA_G
ClientSampleId :
SB-4A-(0.5-1.0)

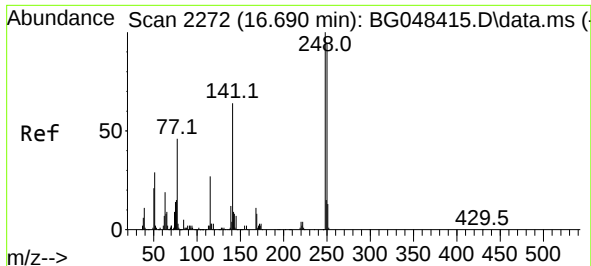
Tgt Ion:165	Resp:	17310
Ion Ratio	Lower	Upper
165	100	
63	3.8	26.4 39.6#
89	0.0	47.8 71.8#
182	0.0	2.6 4.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.497 min Scan# 2410
Delta R.T. -0.009 min
Lab File: BG048432.D
Acq: 19 Mar 2021 20:27

Tgt Ion:188	Resp:	360217
Ion Ratio	Lower	Upper
188	100	
94	4.9	6.3 9.5#
80	6.9	7.0 10.6#

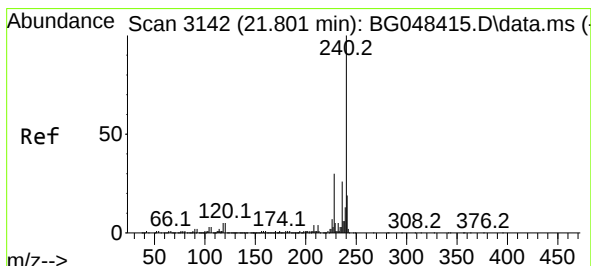
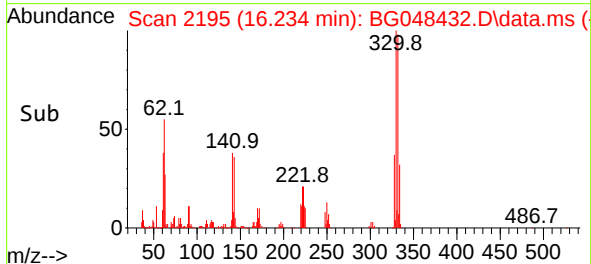
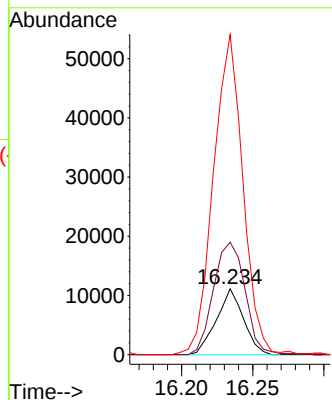
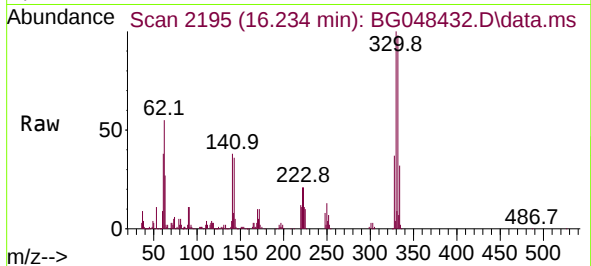




#67
4-Bromophenyl-phenylether
Concen: 3.25 ng
RT: 16.234 min Scan# 2195
Delta R.T. -0.456 min
Lab File: BG048432.D
Acq: 19 Mar 2021 20:27

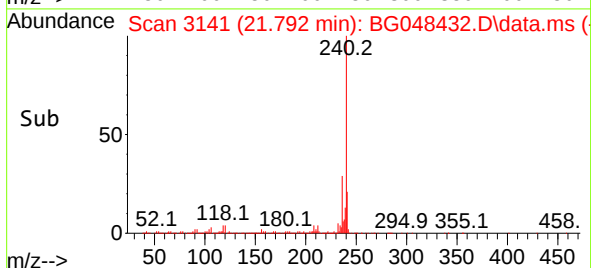
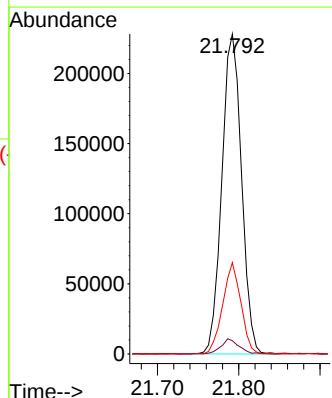
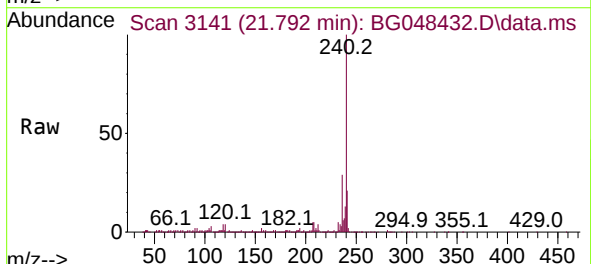
Instrument :
BNA_G
ClientSampleId :
SB-4A-(0.5-1.0)

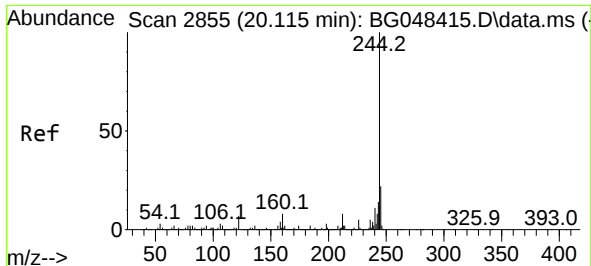
Tgt Ion:248 Resp: 14730
Ion Ratio Lower Upper
248 100
250 170.8 78.9 118.3#
141 485.7 46.2 69.4#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.792 min Scan# 3141
Delta R.T. -0.009 min
Lab File: BG048432.D
Acq: 19 Mar 2021 20:27

Tgt Ion:240 Resp: 383935
Ion Ratio Lower Upper
240 100
120 4.1 6.2 9.4#
236 28.6 20.5 30.7

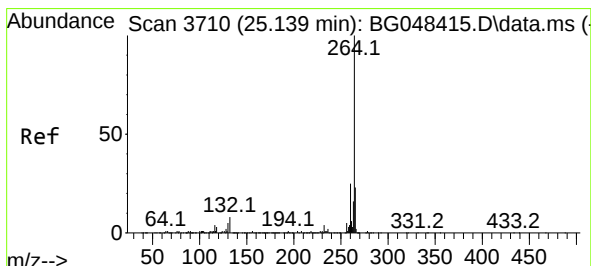
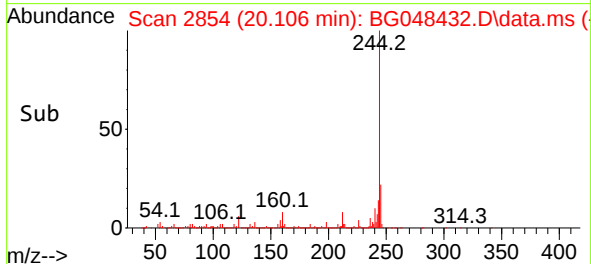
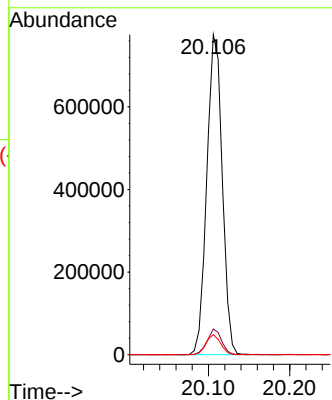
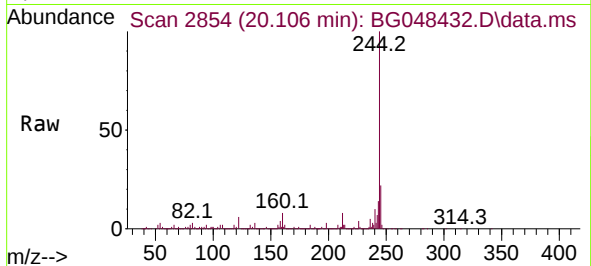




#79
Terphenyl-d14
Concen: 47.83 ng
RT: 20.106 min Scan# 2854
Delta R.T. -0.009 min
Lab File: BG048432.D
Acq: 19 Mar 2021 20:27

Instrument :
BNA_G
ClientSampleId :
SB-4A-(0.5-1.0)

Tgt Ion:244 Resp: 1018269
Ion Ratio Lower Upper
244 100
212 8.0 6.7 10.1
122 6.3 7.8 11.6#



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.124 min Scan# 3708
Delta R.T. -0.015 min
Lab File: BG048432.D
Acq: 19 Mar 2021 20:27

Tgt Ion:264 Resp: 398933
Ion Ratio Lower Upper
264 100
260 22.8 18.8 28.2
265 20.5 17.8 26.8

