

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031921\
 Data File : BG048435.D
 Acq On : 19 Mar 2021 22:28
 Operator : CG/JU
 Sample : M1732-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-2A-(0.5-1.0)

Quant Time: Mar 19 23:33:15 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)

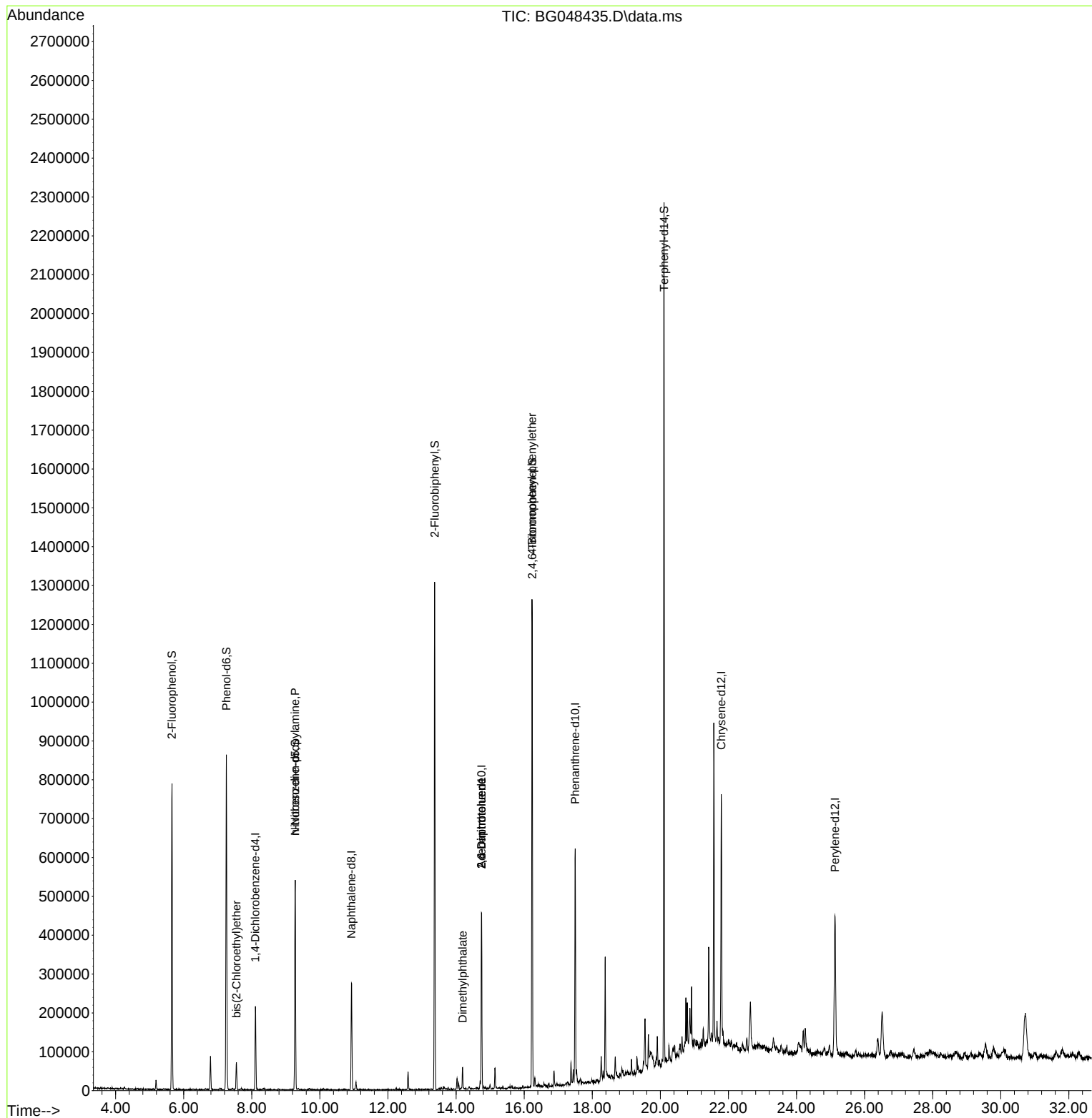
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.105	152	54520	20.00	ng	# 0.00
21) Naphthalene-d8	10.926	136	216751	20.00	ng	#-0.01
39) Acenaphthene-d10	14.745	164	169443	20.00	ng	0.00
64) Phenanthrene-d10	17.500	188	389147	20.00	ng	# 0.00
76) Chrysene-d12	21.789	240	397418	20.00	ng	#-0.01
86) Perylene-d12	25.132	264	402060	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.655	112	299362	90.80	ng	0.00
7) Phenol-d6	7.253	99	422931	88.16	ng	0.00
23) Nitrobenzene-d5	9.275	82	319398	58.92	ng	0.00
42) 2,4,6-Tribromophenol	16.237	330	239609	86.95	ng	0.00
45) 2-Fluorobiphenyl	13.370	172	646227	54.86	ng	0.00
79) Terphenyl-d14	20.109	244	1032921	46.87	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.242	77	17852	Below Cal	#	60
11) bis(2-Chloroethyl)ether	7.547	93	25040	7.27	ng	# 26
19) n-Nitroso-di-n-propyla...	9.275	70	48008	13.48	ng	# 77
50) Dimethylphthalate	14.192	163	32650	2.37	ng	# 97
51) 2,6-Dinitrotoluene	14.750	165	22441	7.56	ng	# 36
57) 2,4-Dinitrotoluene	14.750	165	22441	5.32	ng	# 34
67) 4-Bromophenyl-phenylether	16.231	248	15973	3.26	ng	# 1

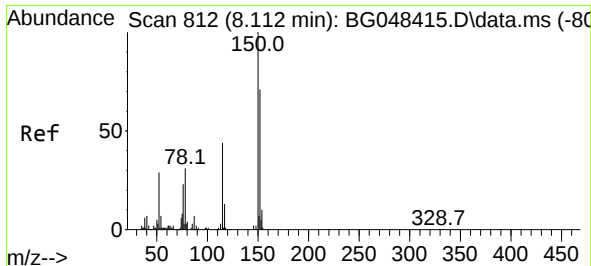
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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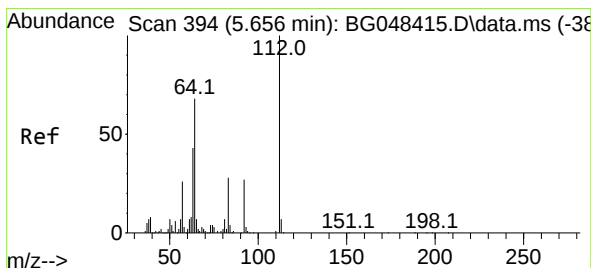
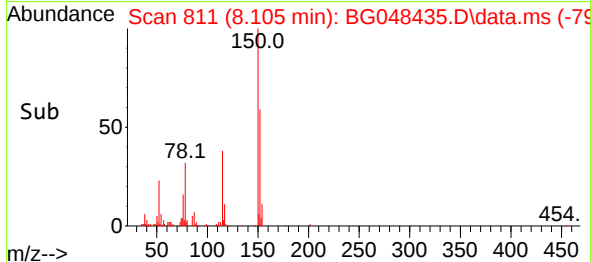
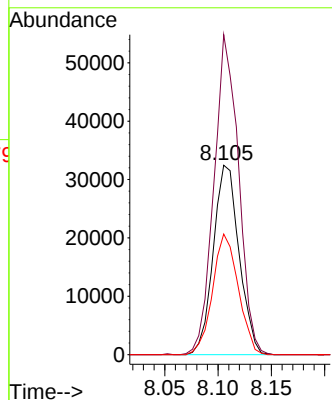
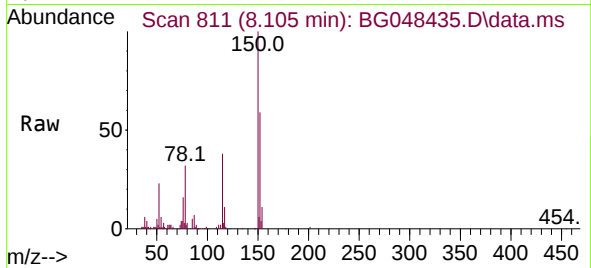




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.105 min Scan# 811
Delta R.T. -0.007 min
Lab File: BG048435.D
Acq: 19 Mar 2021 22:28

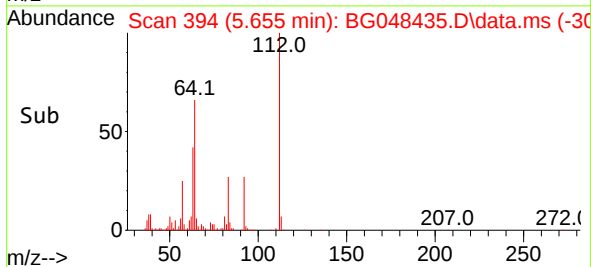
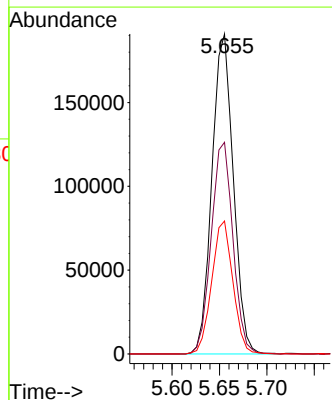
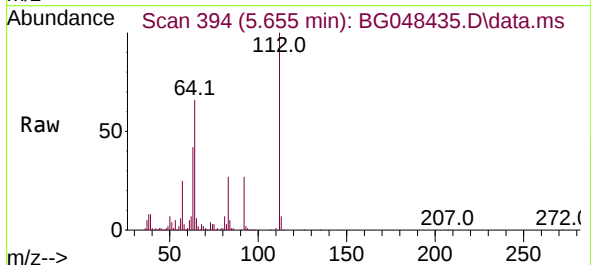
Instrument :
BNA_G
ClientSampleId :
SB-2A-(0.5-1.0)

Tgt Ion:152 Resp: 54520
Ion Ratio Lower Upper
152 100
150 168.9 125.0 187.6
115 63.6 41.8 62.6#



#5
2-Fluorophenol
Concen: 90.80 ng
RT: 5.655 min Scan# 394
Delta R.T. -0.000 min
Lab File: BG048435.D
Acq: 19 Mar 2021 22:28

Tgt Ion:112 Resp: 299362
Ion Ratio Lower Upper
112 100
64 66.2 46.7 70.1
63 41.5 22.8 34.2#

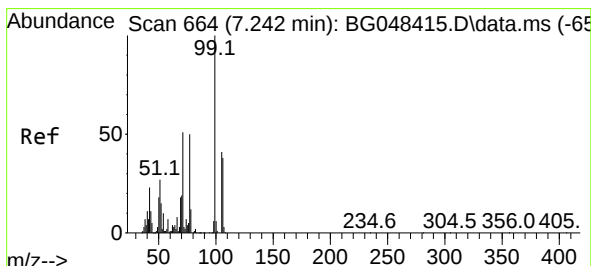
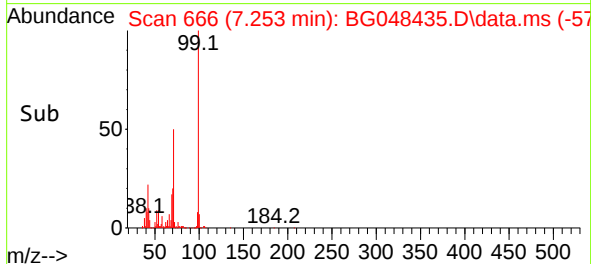
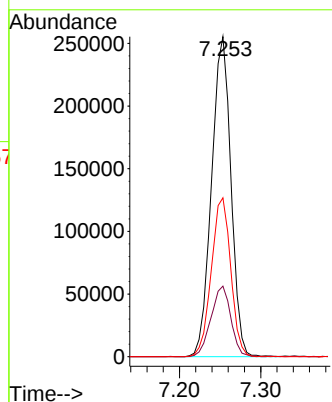
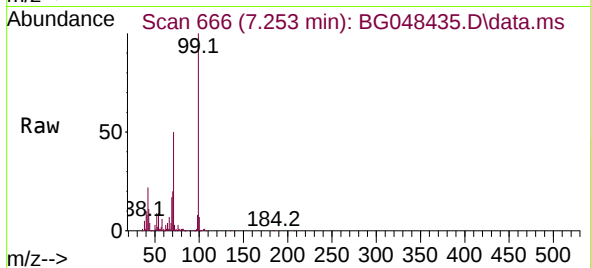




#7
Phenol-d6
Concen: 88.16 ng
RT: 7.253 min Scan# 666
Delta R.T. -0.000 min
Lab File: BG048435.D
Acq: 19 Mar 2021 22:28

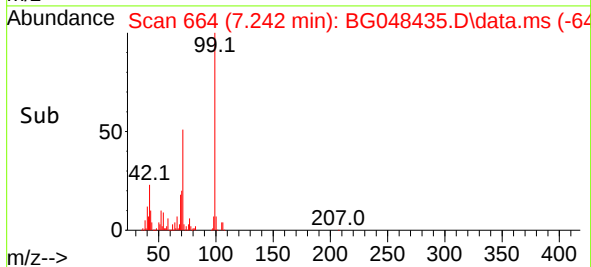
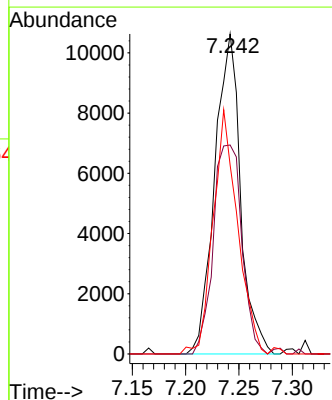
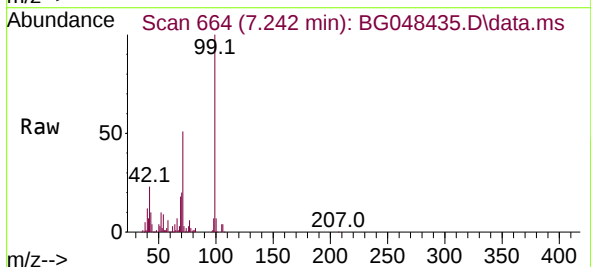
Instrument :
BNA_G
ClientSampleId :
SB-2A-(0.5-1.0)

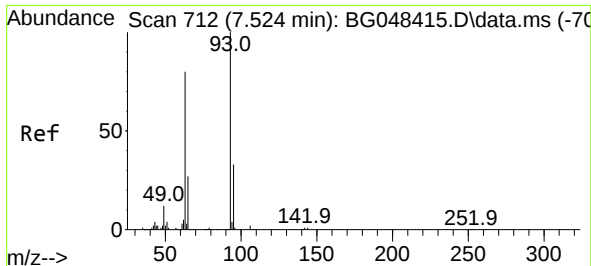
Tgt Ion: 99 Resp: 422931
Ion Ratio Lower Upper
99 100
42 22.0 12.8 19.2#
71 49.7 24.6 36.8#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.242 min Scan# 664
Delta R.T. -0.000 min
Lab File: BG048435.D
Acq: 19 Mar 2021 22:28

Tgt Ion: 77 Resp: 17852
Ion Ratio Lower Upper
77 100
105 65.3 85.9 125.9#
106 59.1 80.9 120.9#

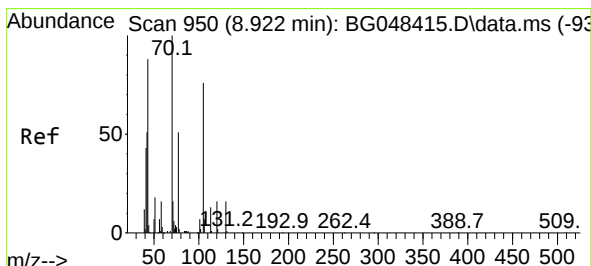
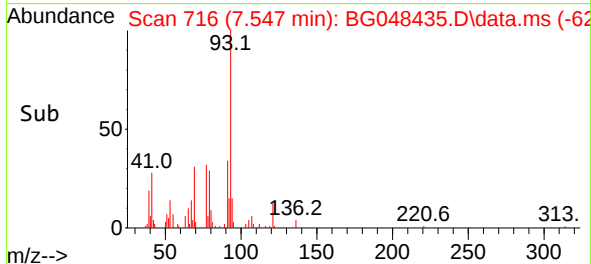
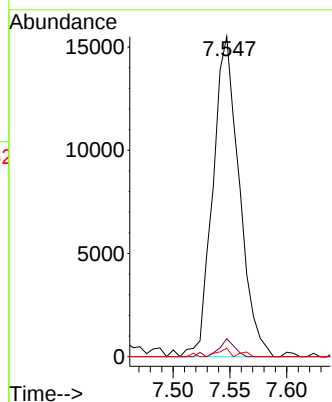
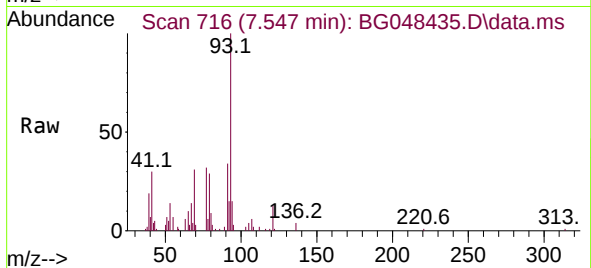




#11
bis(2-Chloroethyl)ether
Concen: 7.27 ng
RT: 7.547 min Scan# 716
Delta R.T. 0.023 min
Lab File: BG048435.D
Acq: 19 Mar 2021 22:28

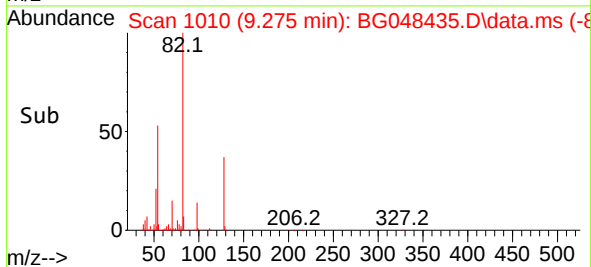
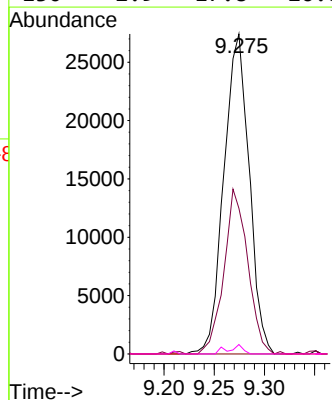
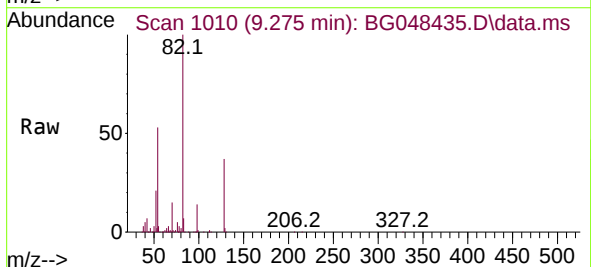
Instrument :
BNA_G
ClientSampleId :
SB-2A-(0.5-1.0)

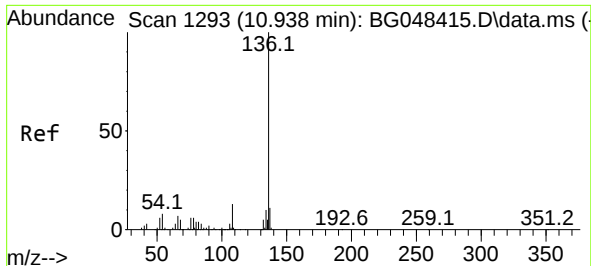
Tgt Ion: 93 Resp: 25040
Ion Ratio Lower Upper
93 100
63 5.6 56.4 96.4#
95 2.7 13.8 53.8#



#19
n-Nitroso-di-n-propylamine
Concen: 13.48 ng
RT: 9.275 min Scan# 1010
Delta R.T. 0.352 min
Lab File: BG048435.D
Acq: 19 Mar 2021 22:28

Tgt Ion: 70 Resp: 48008
Ion Ratio Lower Upper
70 100
42 45.5 45.6 68.4#
101 0.0 8.4 12.6#
130 2.9 17.8 26.8#

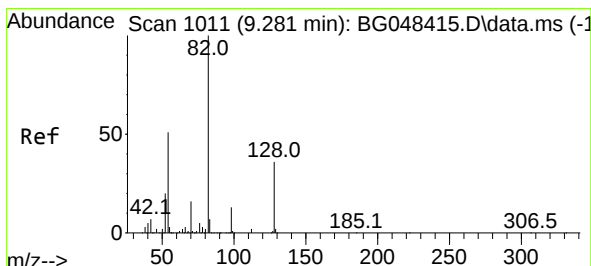
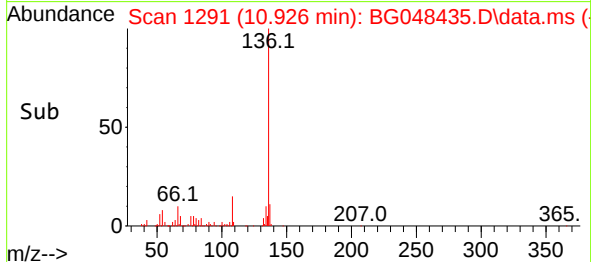
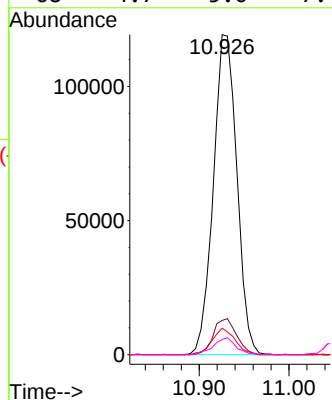
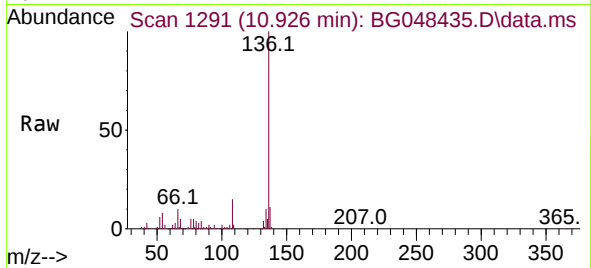




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.926 min Scan# 1291
Delta R.T. -0.012 min
Lab File: BG048435.D
Acq: 19 Mar 2021 22:28

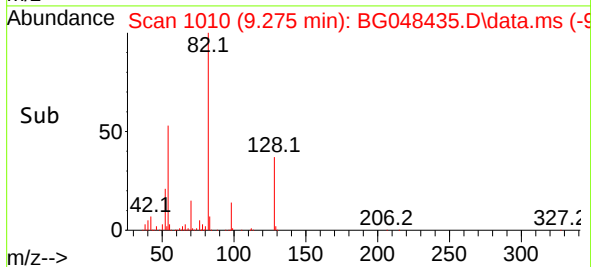
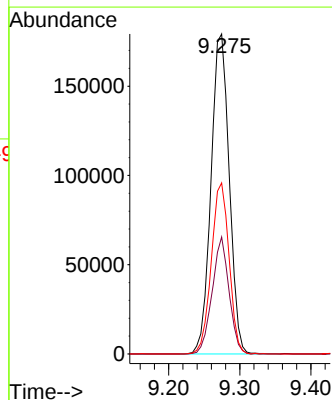
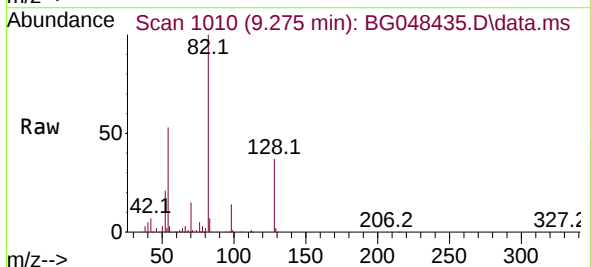
Instrument :
BNA_G
ClientSampleId :
SB-2A-(0.5-1.0)

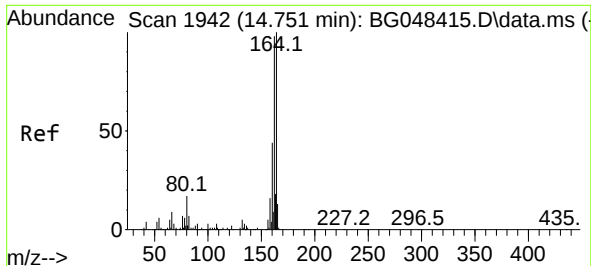
Tgt Ion:	136	Resp:	216751
Ion Ratio	Lower	Upper	
136	100		
137	10.7	9.1	13.7
54	8.3	6.2	9.4
68	4.7	5.0	7.4#



#23
Nitrobenzene-d5
Concen: 58.92 ng
RT: 9.275 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BG048435.D
Acq: 19 Mar 2021 22:28

Tgt Ion:	82	Resp:	319398
Ion Ratio	Lower	Upper	
82	100		
128	36.6	37.0	55.6#
54	53.4	39.0	58.4

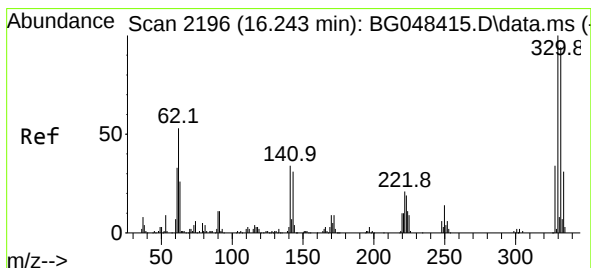
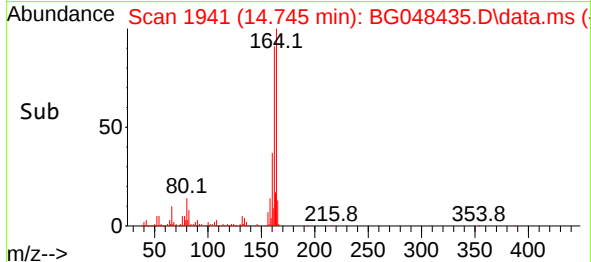
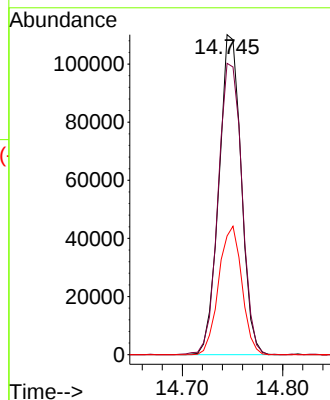
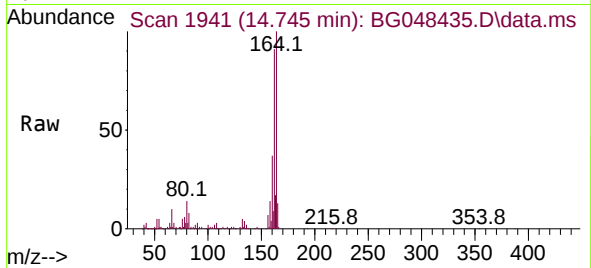




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.745 min Scan# 1941
Delta R.T. -0.006 min
Lab File: BG048435.D
Acq: 19 Mar 2021 22:28

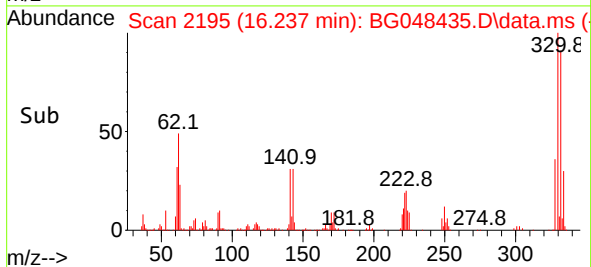
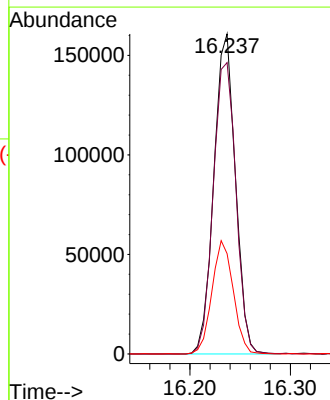
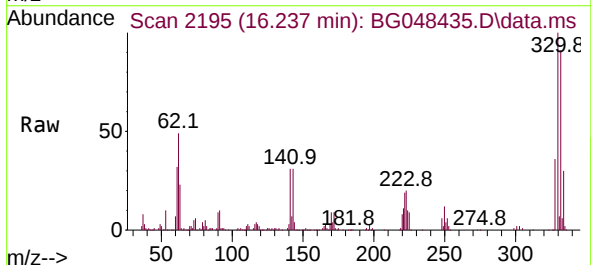
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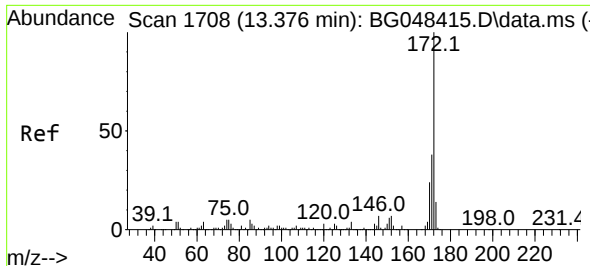
Tgt Ion:164 Resp: 169443
Ion Ratio Lower Upper
164 100
162 91.1 82.3 123.5
160 37.1 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 86.95 ng
RT: 16.237 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BG048435.D
Acq: 19 Mar 2021 22:28

Tgt Ion:330 Resp: 239609
Ion Ratio Lower Upper
330 100
332 95.8 76.5 114.7
141 35.0 26.0 39.0

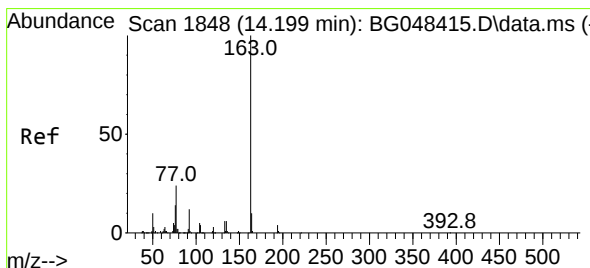
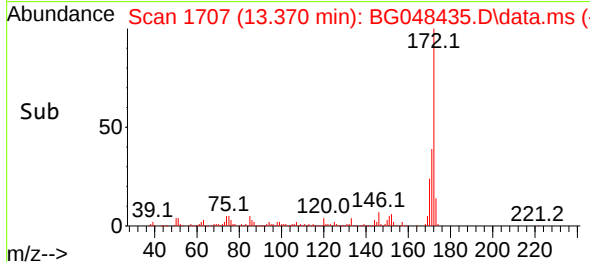
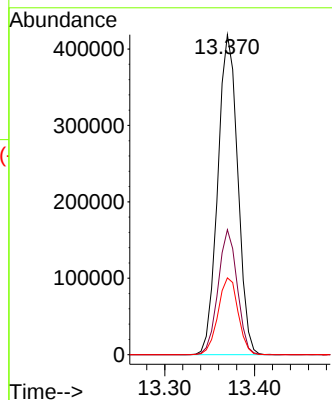
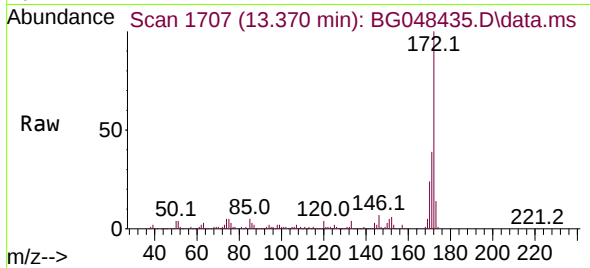




#45
2-Fluorobiphenyl
Concen: 54.86 ng
RT: 13.370 min Scan# 1707
Delta R.T. -0.006 min
Lab File: BG048435.D
Acq: 19 Mar 2021 22:28

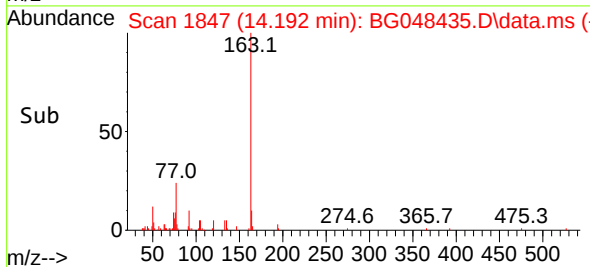
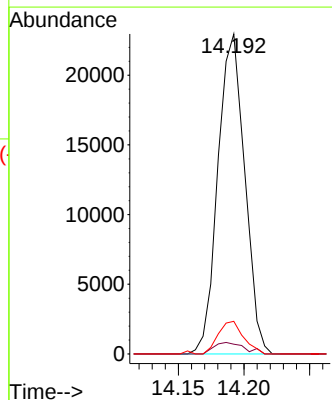
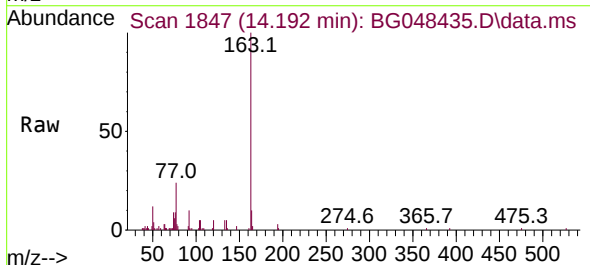
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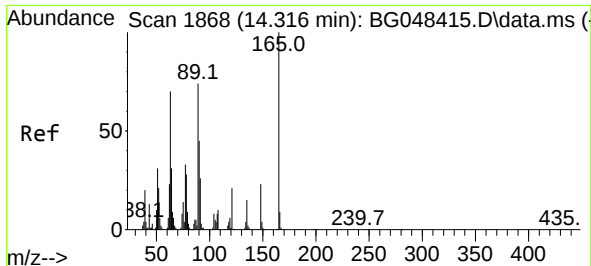
Tgt Ion:172	Resp:	646227
Ion Ratio	Lower	Upper
172	100	
171	39.0	31.3 46.9
170	24.0	20.8 31.2



#50
Dimethylphthalate
Concen: 2.37 ng
RT: 14.192 min Scan# 1847
Delta R.T. -0.006 min
Lab File: BG048435.D
Acq: 19 Mar 2021 22:28

Tgt Ion:163	Resp:	32650
Ion Ratio	Lower	Upper
163	100	
194	3.0	3.8 5.8#
164	10.2	8.8 13.2

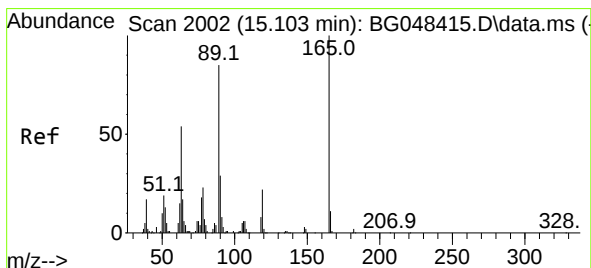
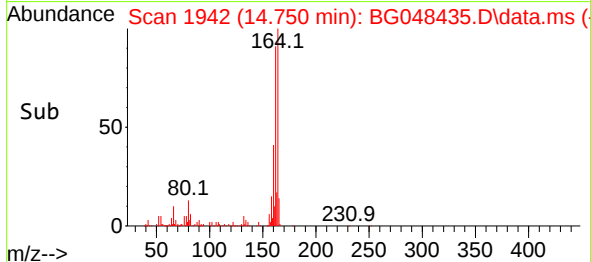
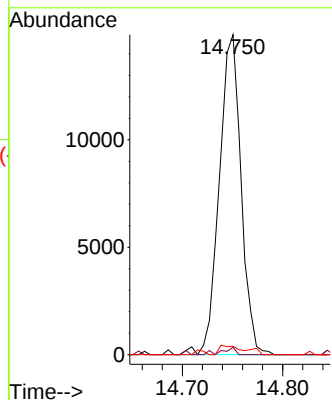
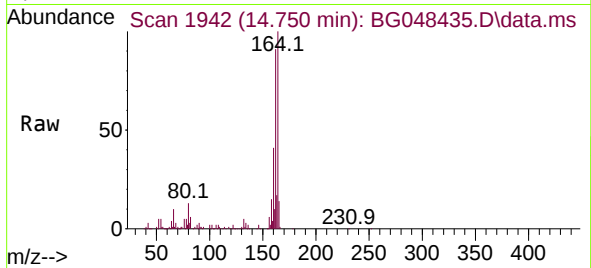




#51
2,6-Dinitrotoluene
Concen: 7.56 ng
RT: 14.750 min Scan# 1942
Delta R.T. 0.434 min
Lab File: BG048435.D
Acq: 19 Mar 2021 22:28

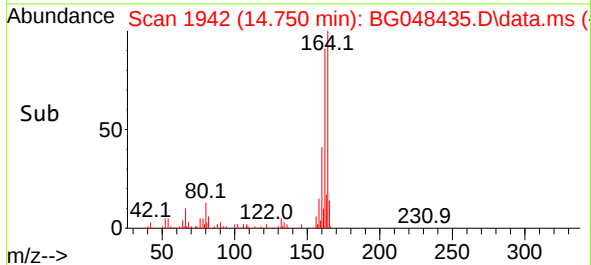
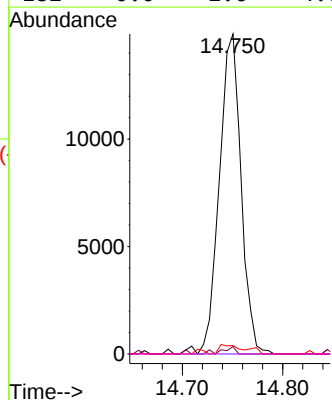
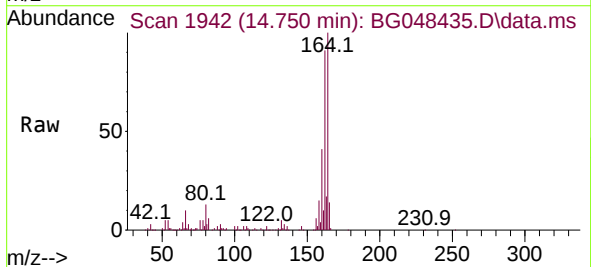
Instrument :
BNA_G
ClientSampleId :
SB-2A-(0.5-1.0)

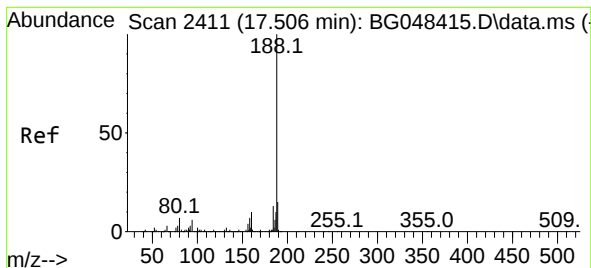
Tgt Ion:165 Resp: 22441
Ion Ratio Lower Upper
165 100
63 2.3 33.7 50.5#
89 2.6 36.6 54.8#



#57
2,4-Dinitrotoluene
Concen: 5.32 ng
RT: 14.750 min Scan# 1942
Delta R.T. -0.353 min
Lab File: BG048435.D
Acq: 19 Mar 2021 22:28

Tgt Ion:165 Resp: 22441
Ion Ratio Lower Upper
165 100
63 2.3 26.4 39.6#
89 2.6 47.8 71.8#
182 0.0 2.6 4.0#

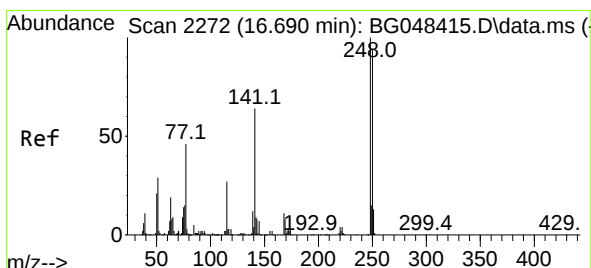
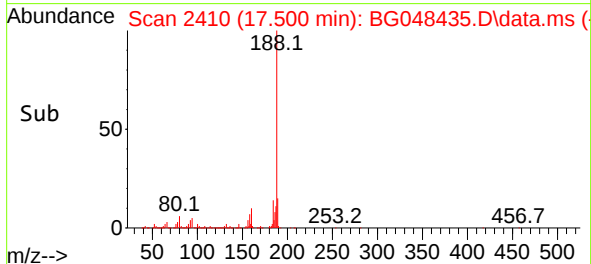
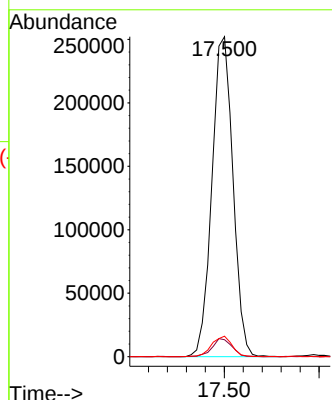
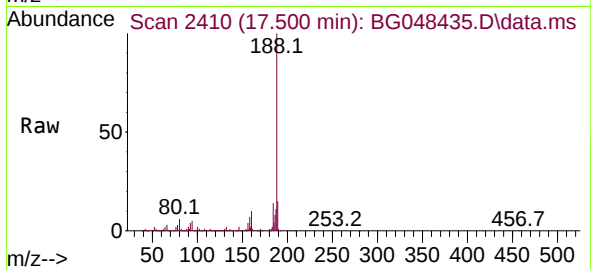




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.500 min Scan# 2410
Delta R.T. -0.006 min
Lab File: BG048435.D
Acq: 19 Mar 2021 22:28

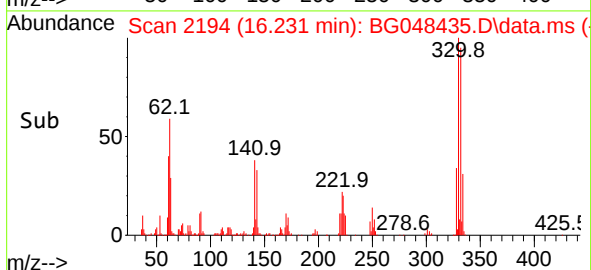
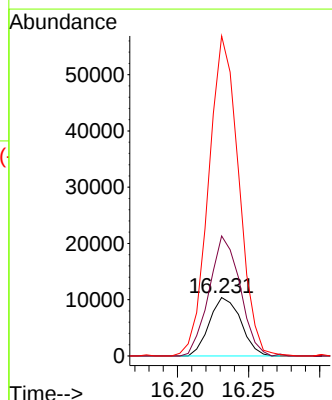
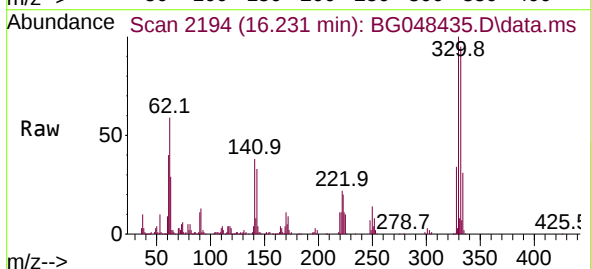
Instrument :
BNA_G
ClientSampleId :
SB-2A-(0.5-1.0)

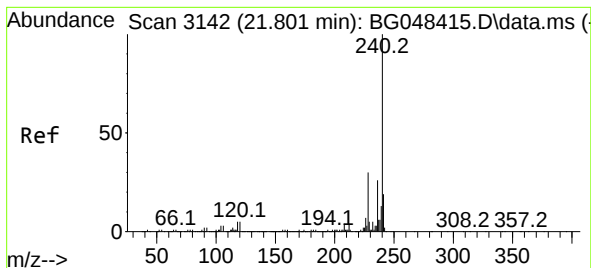
Tgt Ion:188 Resp: 389147
Ion Ratio Lower Upper
188 100
94 5.3 6.3 9.5#
80 6.4 7.0 10.6#



#67
4-Bromophenyl-phenylether
Concen: 3.26 ng
RT: 16.231 min Scan# 2194
Delta R.T. -0.459 min
Lab File: BG048435.D
Acq: 19 Mar 2021 22:28

Tgt Ion:248 Resp: 15973
Ion Ratio Lower Upper
248 100
250 205.4 78.9 118.3#
141 547.8 46.2 69.4#

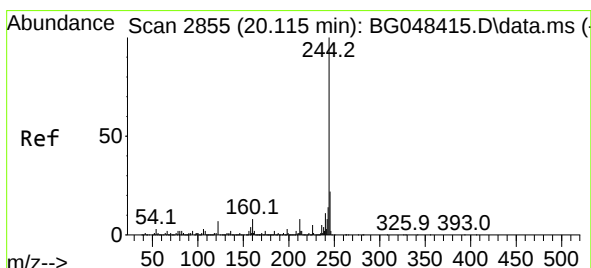
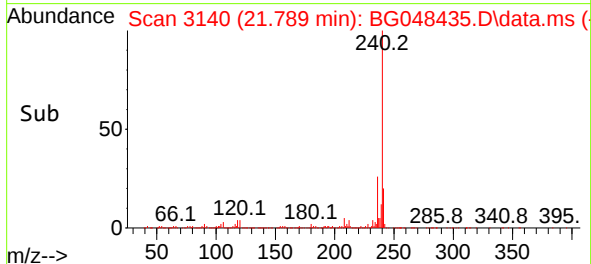
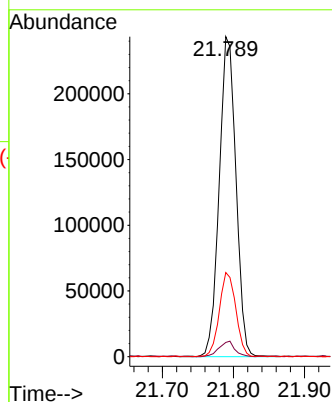
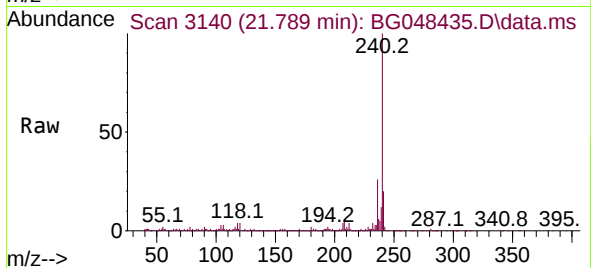




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.789 min Scan# 3140
Delta R.T. -0.012 min
Lab File: BG048435.D
Acq: 19 Mar 2021 22:28

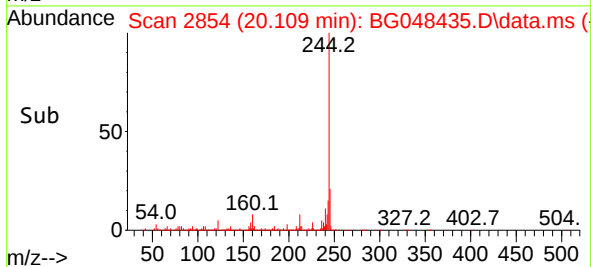
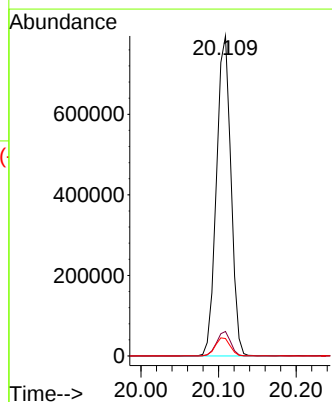
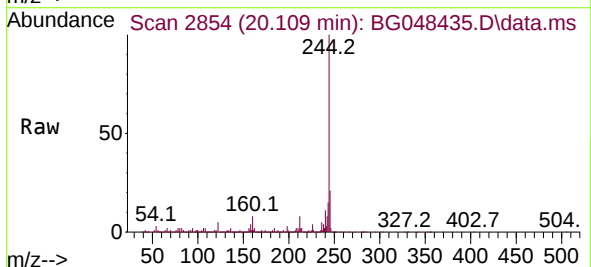
Instrument :
BNA_G
ClientSampleId :
SB-2A-(0.5-1.0)

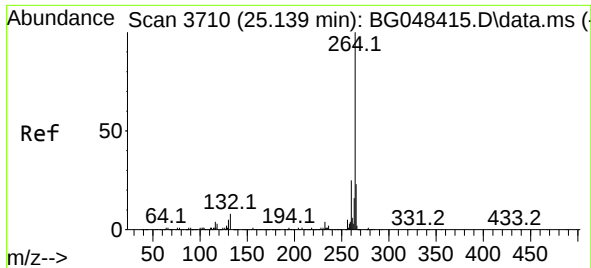
Tgt Ion:240 Resp: 397418
Ion Ratio Lower Upper
240 100
120 4.5 6.2 9.4#
236 26.3 20.5 30.7



#79
Terphenyl-d14
Concen: 46.87 ng
RT: 20.109 min Scan# 2854
Delta R.T. -0.006 min
Lab File: BG048435.D
Acq: 19 Mar 2021 22:28

Tgt Ion:244 Resp: 1032921
Ion Ratio Lower Upper
244 100
212 7.6 6.7 10.1
122 5.4 7.8 11.6#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.132 min Scan# 3709
 Delta R.T. -0.006 min
 Lab File: BG048435.D
 Acq: 19 Mar 2021 22:28

Instrument :
 BNA_G
 ClientSampleId :
 SB-2A-(0.5-1.0)

Tgt Ion:264 Resp: 402060
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.8 28.2
 265 21.3 17.8 26.8

