

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031921\
 Data File : BG048429.D
 Acq On : 19 Mar 2021 18:25
 Operator : CG/JU
 Sample : M1732-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-1C-(4.0-4.5)

Quant Time: Mar 19 19:05:00 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)

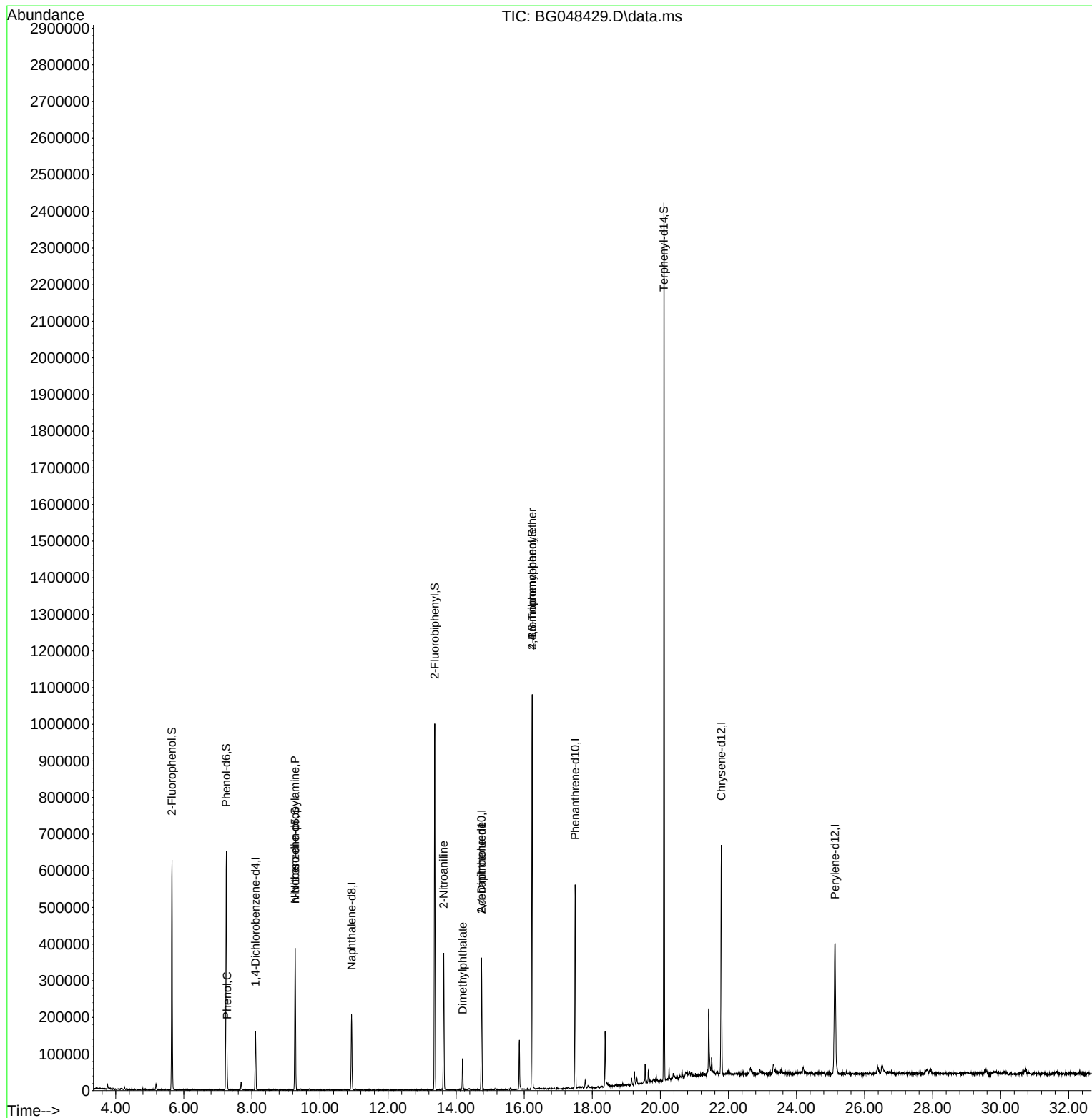
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.109	152	42362	20.00	ng	0.00
21) Naphthalene-d8	10.929	136	157322	20.00	ng	0.00
39) Acenaphthene-d10	14.748	164	128280	20.00	ng	0.00
64) Phenanthrene-d10	17.498	188	357840	20.00	ng	# 0.00
76) Chrysene-d12	21.793	240	389971	20.00	ng	# 0.00
86) Perylene-d12	25.130	264	406406	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.653	112	231201	90.25	ng	0.00
7) Phenol-d6	7.251	99	319815	85.80	ng	0.00
23) Nitrobenzene-d5	9.272	82	237614	60.39	ng	0.00
42) 2,4,6-Tribromophenol	16.235	330	198509	95.15	ng	0.00
45) 2-Fluorobiphenyl	13.373	172	505979	56.74	ng	0.00
79) Terphenyl-d14	20.106	244	1140738	52.75	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.245	77	1147	Below Cal	#	1
10) Phenol	7.274	94	12918	3.38 ng	#	66
19) n-Nitroso-di-n-propyla...	9.272	70	35375	12.79 ng	#	76
48) 2-Nitroaniline	13.638	65	8783	3.20 ng	#	5
50) Dimethylphthalate	14.190	163	50436	4.83 ng	#	99
57) 2,4-Dinitrotoluene	14.748	165	16374	5.13 ng	#	33
67) 4-Bromophenyl-phenylether	16.235	248	14511	3.22 ng	#	1

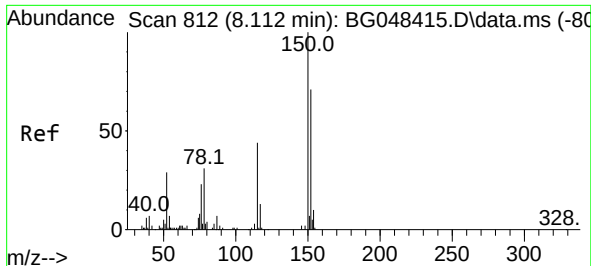
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031921\
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Misc :
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Instrument :
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SB-1C-(4.0-4.5)

Quant Time: Mar 19 19:05:00 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

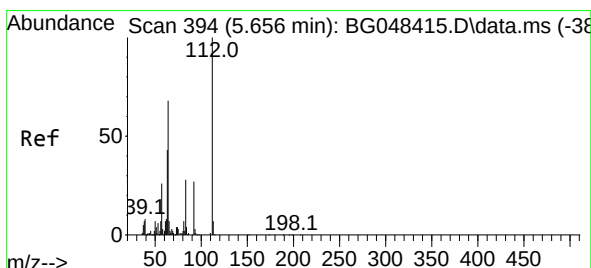
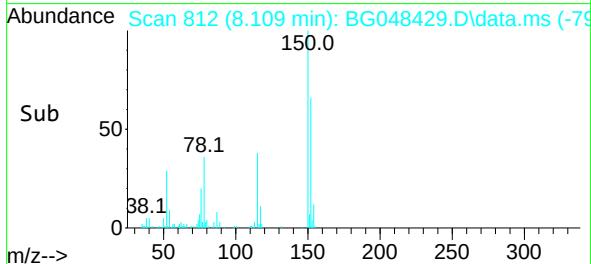
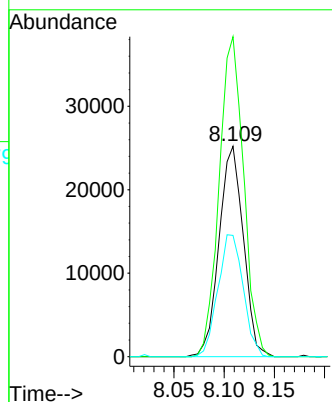
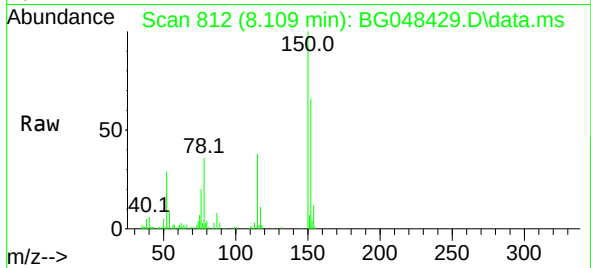




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.109 min Scan# 812
Delta R.T. -0.003 min
Lab File: BG048429.D
Acq: 19 Mar 2021 18:25

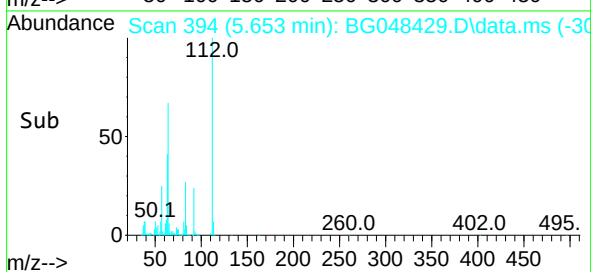
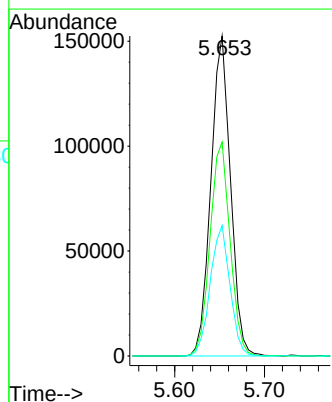
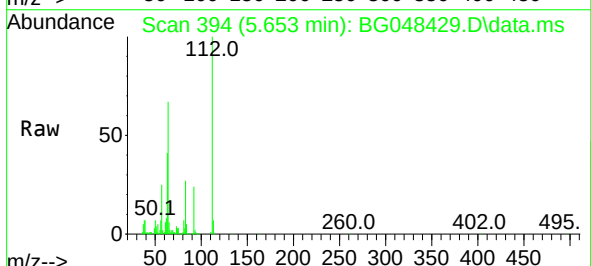
Instrument :
BNA_G
ClientSampleId :
SB-1C-(4.0-4.5)

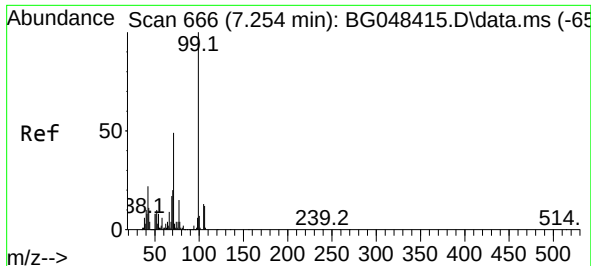
Tgt Ion:152 Resp: 42362
Ion Ratio Lower Upper
152 100
150 152.1 125.0 187.6
115 57.6 41.8 62.6



#5
2-Fluorophenol
Concen: 90.25 ng
RT: 5.653 min Scan# 394
Delta R.T. -0.003 min
Lab File: BG048429.D
Acq: 19 Mar 2021 18:25

Tgt Ion:112 Resp: 231201
Ion Ratio Lower Upper
112 100
64 66.8 46.7 70.1
63 40.8 22.8 34.2#

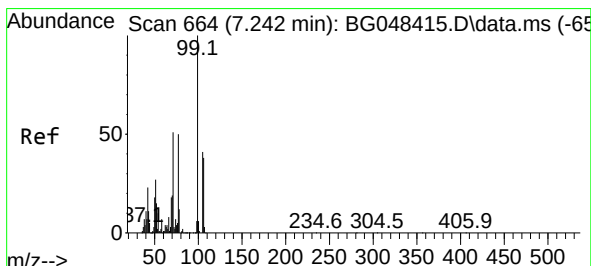
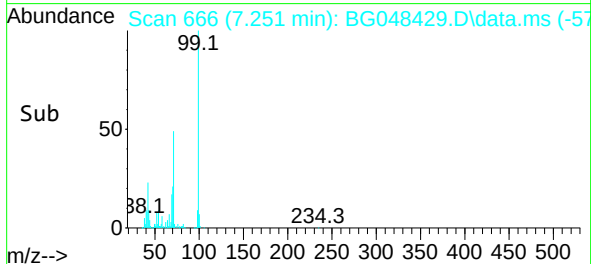
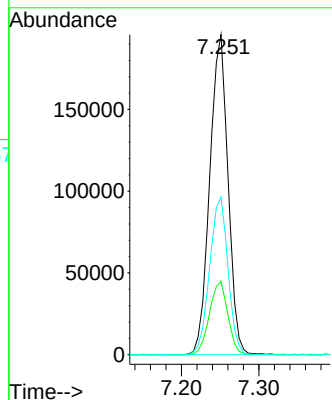
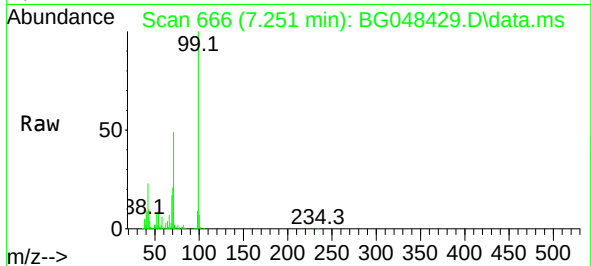




#7
Phenol-d6
Concen: 85.80 ng
RT: 7.251 min Scan# 666
Delta R.T. -0.003 min
Lab File: BG048429.D
Acq: 19 Mar 2021 18:25

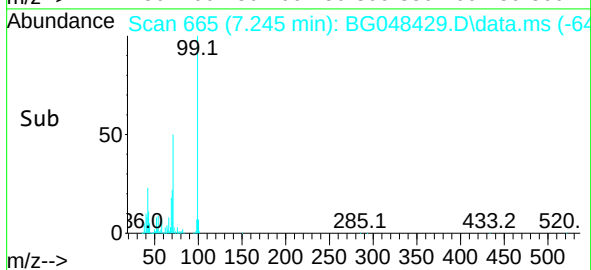
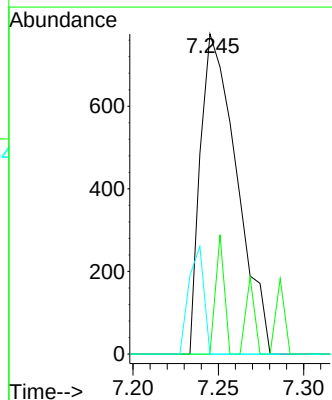
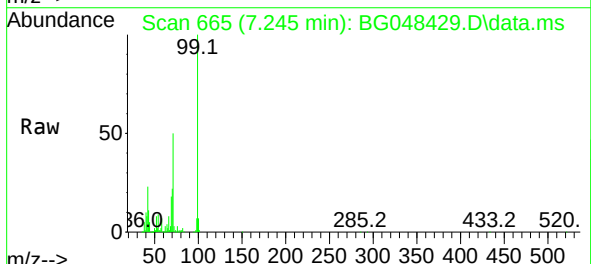
Instrument :
BNA_G
ClientSampleId :
SB-1C-(4.0-4.5)

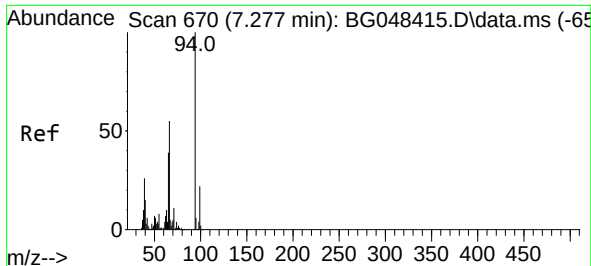
Tgt Ion: 99 Resp: 319815
Ion Ratio Lower Upper
99 100
42 22.9 12.8 19.2#
71 49.3 24.6 36.8#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.245 min Scan# 665
Delta R.T. 0.003 min
Lab File: BG048429.D
Acq: 19 Mar 2021 18:25

Tgt Ion: 77 Resp: 1147
Ion Ratio Lower Upper
77 100
105 0.0 85.9 125.9#
106 0.0 80.9 120.9#

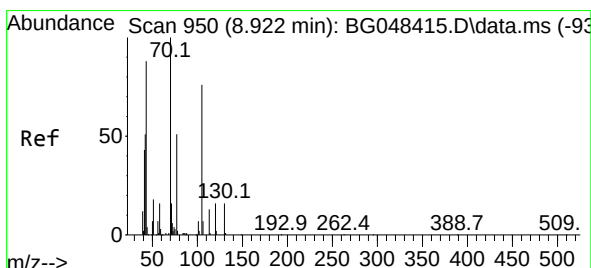
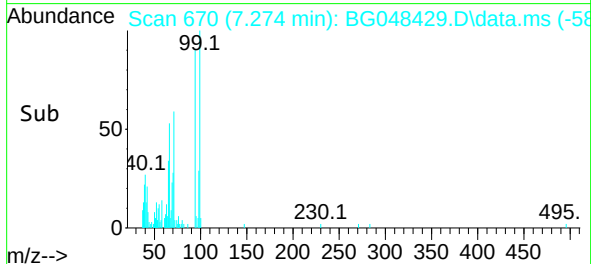
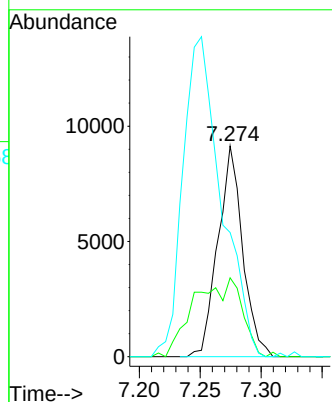
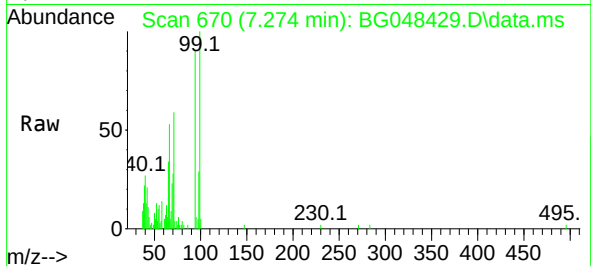




#10
Phenol
Concen: 3.38 ng
RT: 7.274 min Scan# 670
Delta R.T. -0.003 min
Lab File: BG048429.D
Acq: 19 Mar 2021 18:25

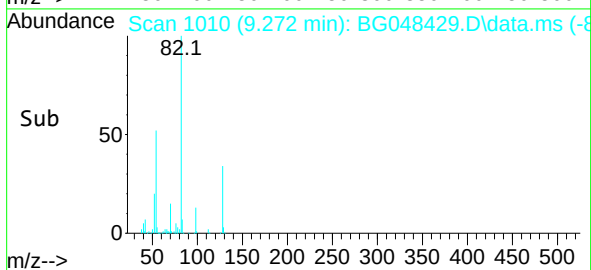
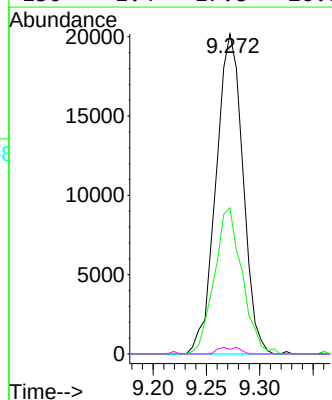
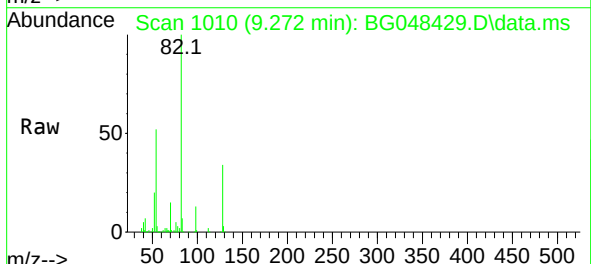
Instrument :
BNA_G
ClientSampleId :
SB-1C-(4.0-4.5)

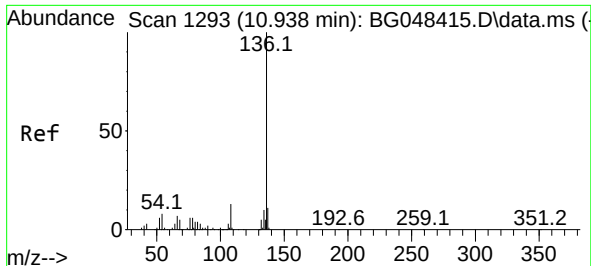
Tgt Ion: 94	Resp: 12918
Ion Ratio	Lower Upper
94 100	
65 37.4	6.6 46.6
66 59.0	13.9 53.9#



#19
n-Nitroso-di-n-propylamine
Concen: 12.79 ng
RT: 9.272 min Scan# 1010
Delta R.T. 0.350 min
Lab File: BG048429.D
Acq: 19 Mar 2021 18:25

Tgt Ion: 70	Resp: 35375
Ion Ratio	Lower Upper
70 100	
42 45.6	45.6 68.4
101 0.0	8.4 12.6#
130 1.4	17.8 26.8#

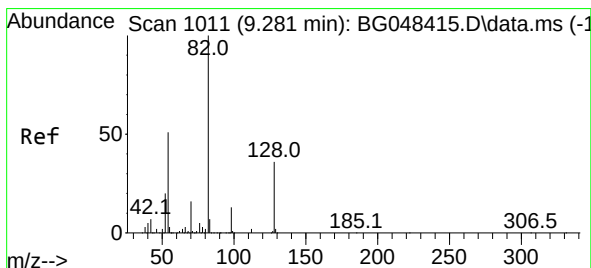
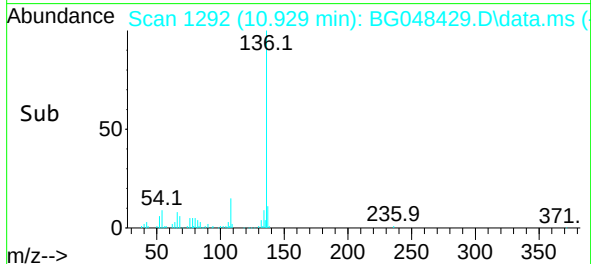
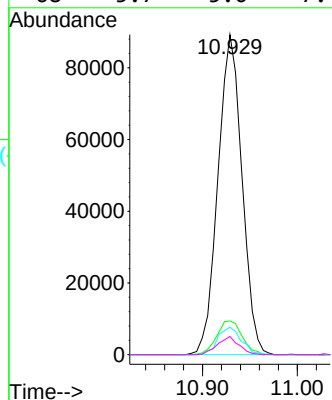
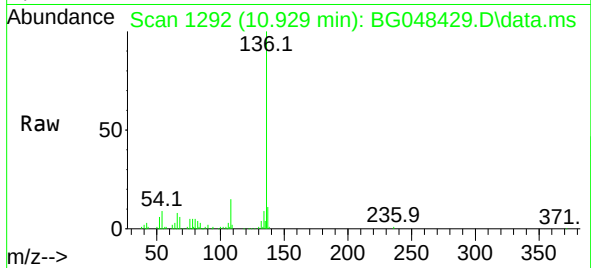




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.929 min Scan# 1292
Delta R.T. -0.009 min
Lab File: BG048429.D
Acq: 19 Mar 2021 18:25

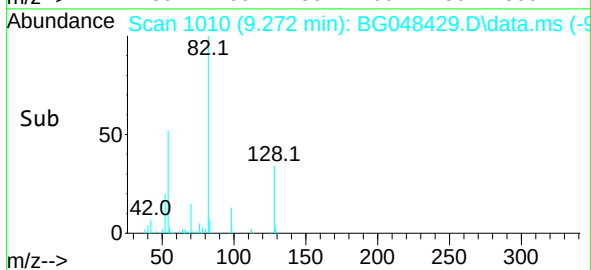
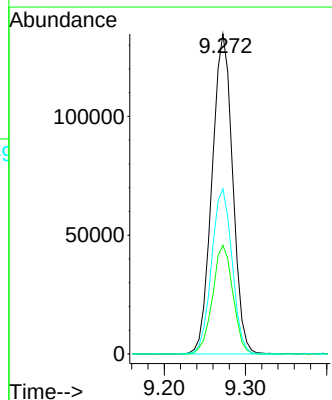
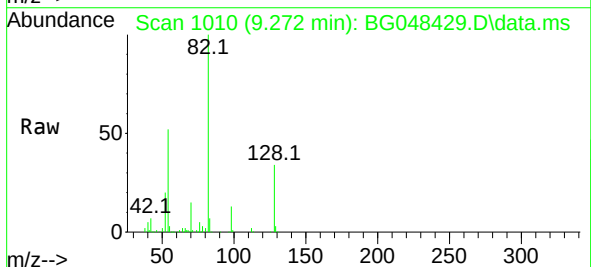
Instrument :
BNA_G
ClientSampleId :
SB-1C-(4.0-4.5)

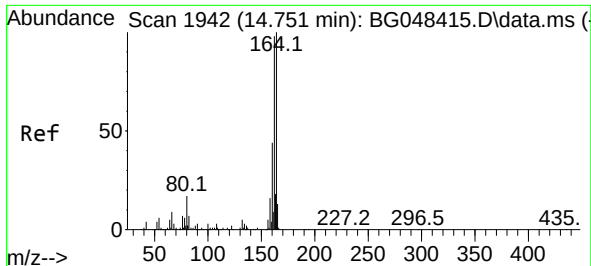
Tgt Ion:136	Resp: 157322
Ion Ratio	Lower Upper
136	100
137	10.5 9.1 13.7
54	8.6 6.2 9.4
68	5.7 5.0 7.4



#23
Nitrobenzene-d5
Concen: 60.39 ng
RT: 9.272 min Scan# 1010
Delta R.T. -0.009 min
Lab File: BG048429.D
Acq: 19 Mar 2021 18:25

Tgt Ion: 82	Resp: 237614
Ion Ratio	Lower Upper
82	100
128	33.9 37.0 55.6#
54	51.6 39.0 58.4

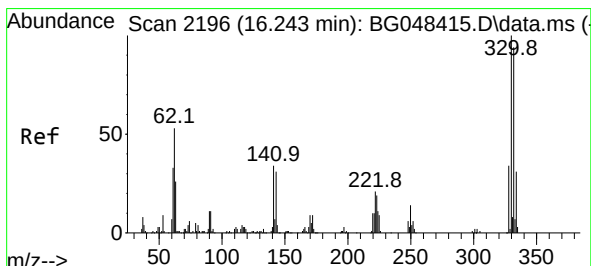
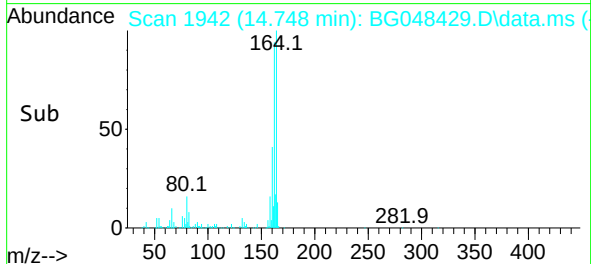
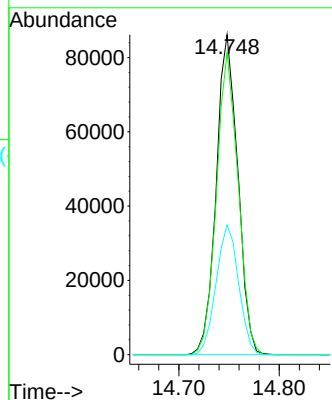
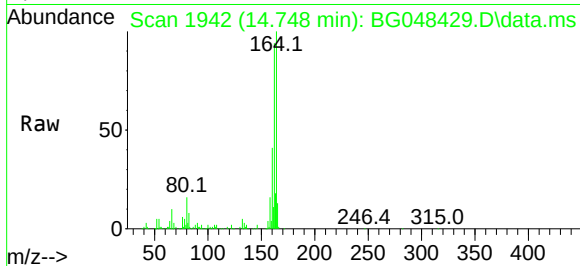




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.748 min Scan# 1942
Delta R.T. -0.003 min
Lab File: BG048429.D
Acq: 19 Mar 2021 18:25

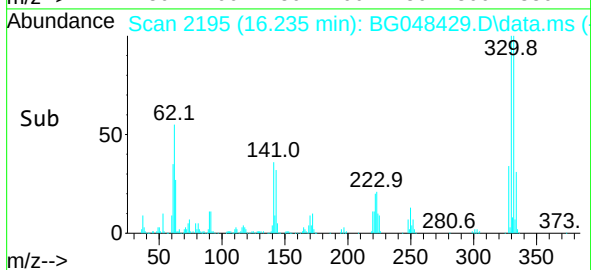
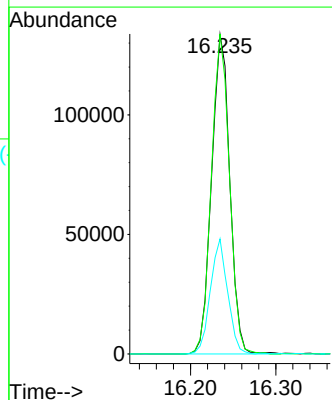
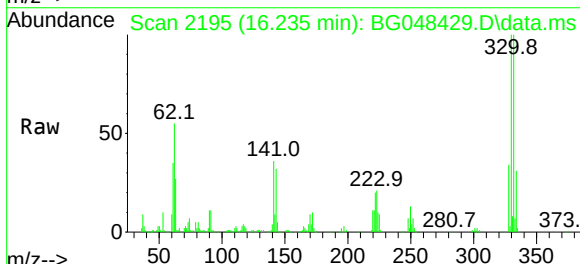
Instrument :
BNA_G
ClientSampleId :
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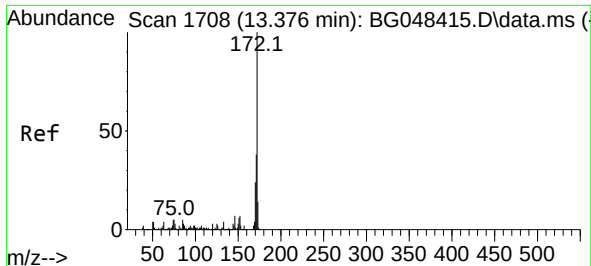
Tgt Ion:164 Resp: 128280
Ion Ratio Lower Upper
164 100
162 94.3 82.3 123.5
160 40.6 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 95.15 ng
RT: 16.235 min Scan# 2195
Delta R.T. -0.009 min
Lab File: BG048429.D
Acq: 19 Mar 2021 18:25

Tgt Ion:330 Resp: 198509
Ion Ratio Lower Upper
330 100
332 99.4 76.5 114.7
141 34.2 26.0 39.0

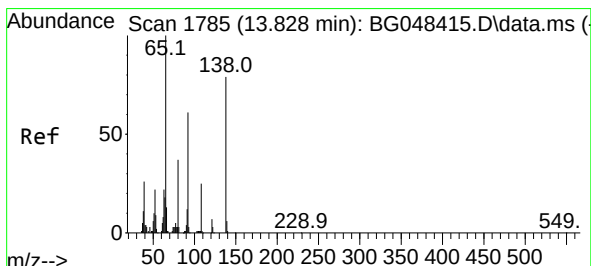
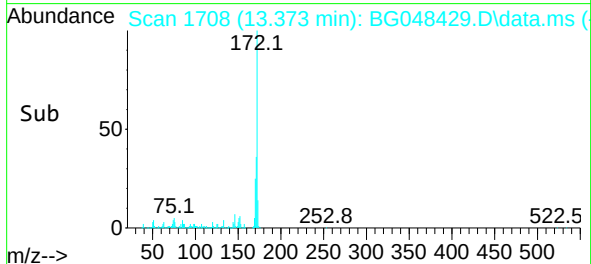
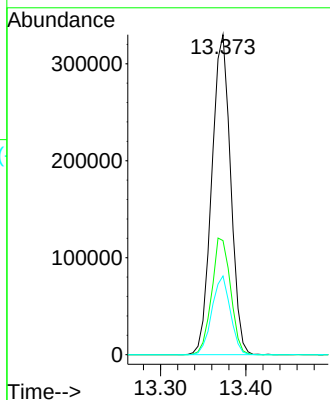
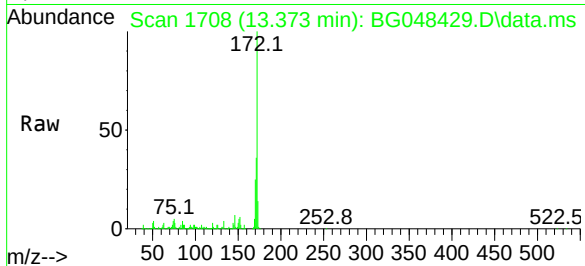




#45
2-Fluorobiphenyl
Concen: 56.74 ng
RT: 13.373 min Scan# 1708
Delta R.T. -0.003 min
Lab File: BG048429.D
Acq: 19 Mar 2021 18:25

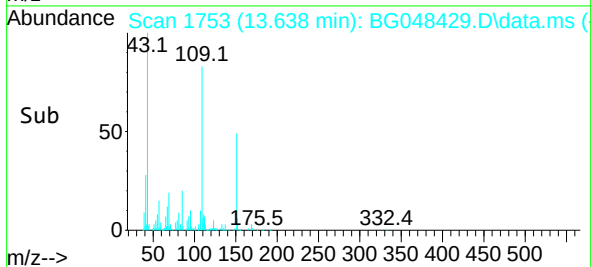
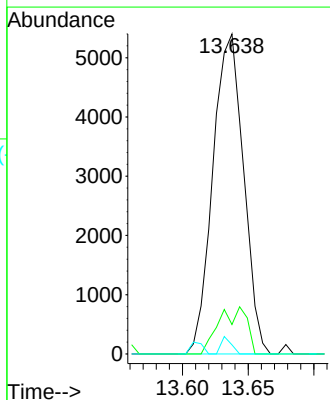
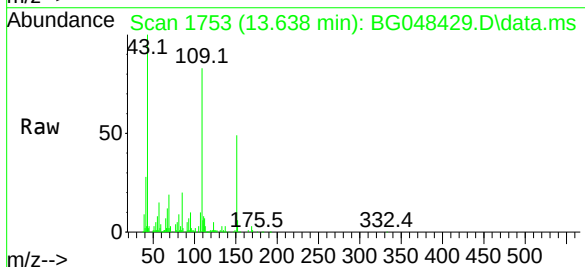
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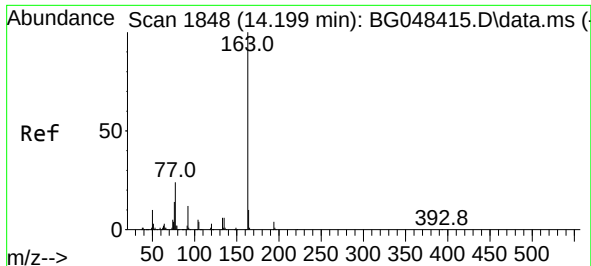
Tgt Ion:172 Resp: 505979
Ion Ratio Lower Upper
172 100
171 35.6 31.3 46.9
170 24.6 20.8 31.2



#48
2-Nitroaniline
Concen: 3.20 ng
RT: 13.638 min Scan# 1753
Delta R.T. -0.191 min
Lab File: BG048429.D
Acq: 19 Mar 2021 18:25

Tgt Ion: 65 Resp: 8783
Ion Ratio Lower Upper
65 100
92 9.2 58.6 88.0#
138 2.9 98.2 147.4#

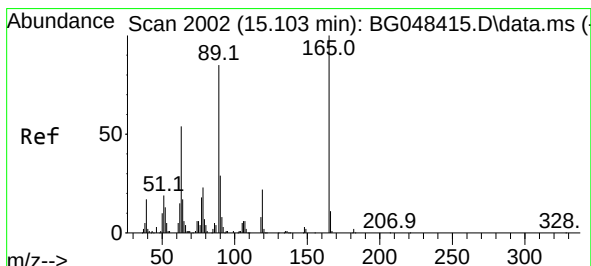
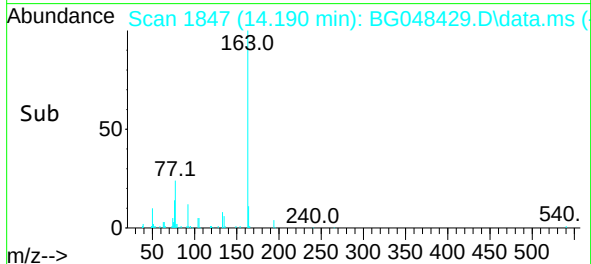
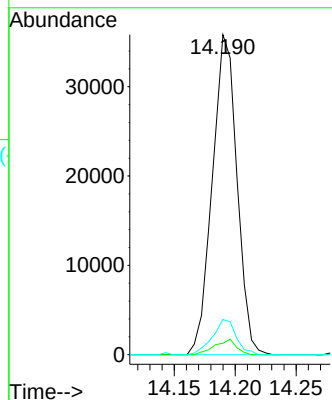
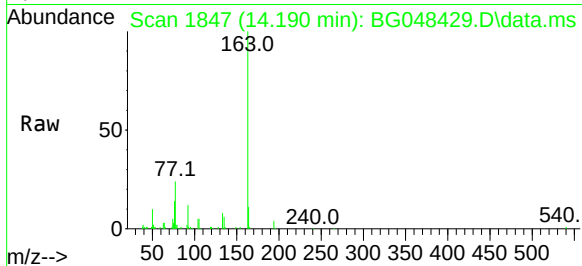




#50
Dimethylphthalate
Concen: 4.83 ng
RT: 14.190 min Scan# 1847
Delta R.T. -0.009 min
Lab File: BG048429.D
Acq: 19 Mar 2021 18:25

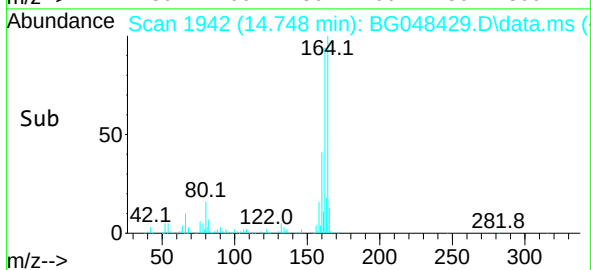
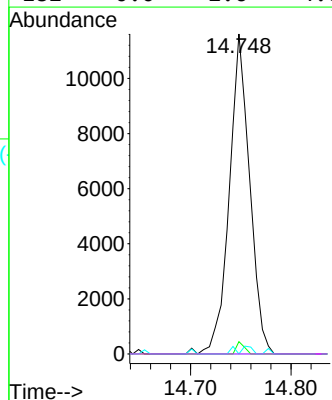
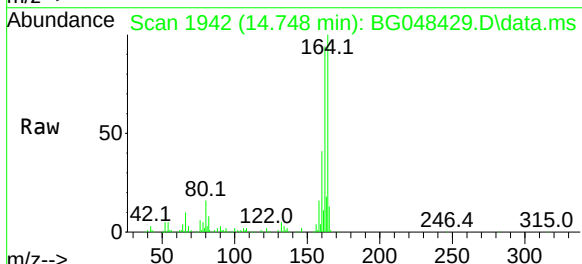
Instrument :
BNA_G
ClientSampleId :
SB-1C-(4.0-4.5)

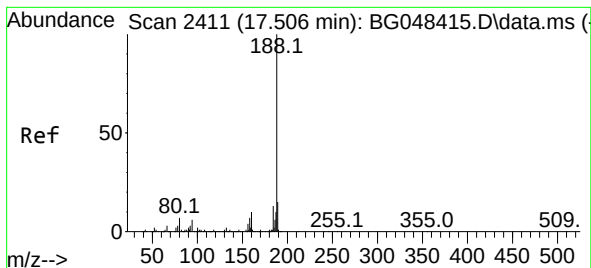
Tgt Ion:163 Resp: 50436
Ion Ratio Lower Upper
163 100
194 3.5 3.8 5.8#
164 11.0 8.8 13.2



#57
2,4-Dinitrotoluene
Concen: 5.13 ng
RT: 14.748 min Scan# 1942
Delta R.T. -0.355 min
Lab File: BG048429.D
Acq: 19 Mar 2021 18:25

Tgt Ion:165 Resp: 16374
Ion Ratio Lower Upper
165 100
63 3.9 26.4 39.6#
89 0.0 47.8 71.8#
182 0.0 2.6 4.0#

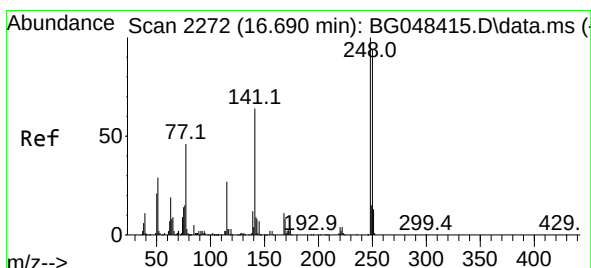
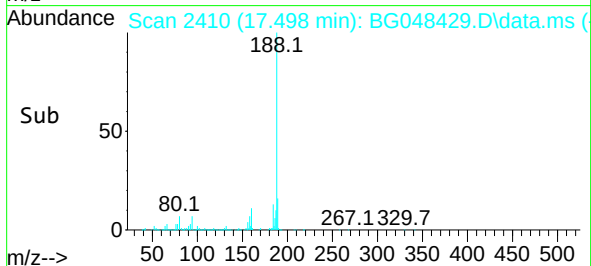
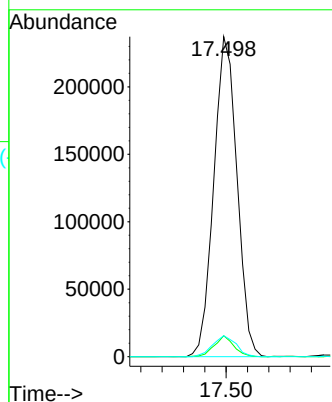
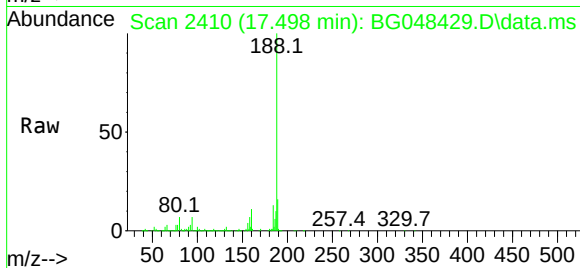




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.498 min Scan# 2410
Delta R.T. -0.009 min
Lab File: BG048429.D
Acq: 19 Mar 2021 18:25

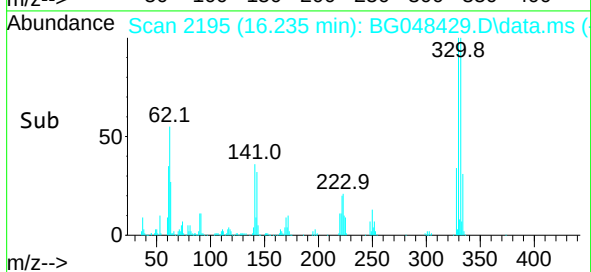
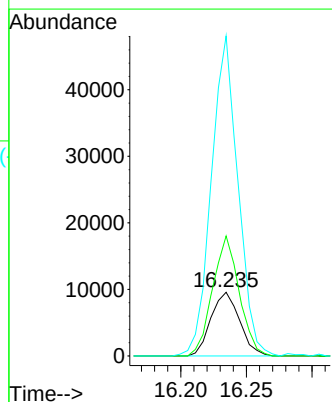
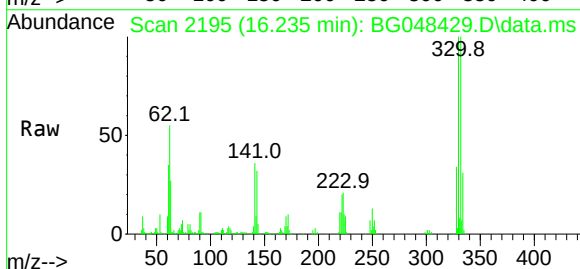
Instrument :
BNA_G
ClientSampleId :
SB-1C-(4.0-4.5)

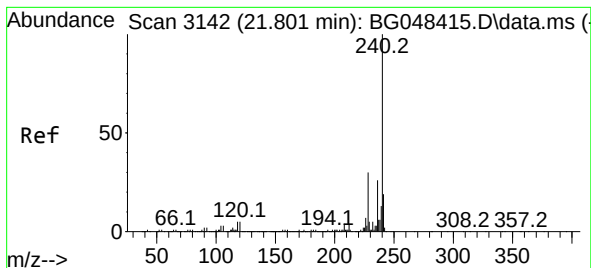
Tgt Ion:188 Resp: 357840
Ion Ratio Lower Upper
188 100
94 6.6 6.3 9.5
80 6.5 7.0 10.6#



#67
4-Bromophenyl-phenylether
Concen: 3.22 ng
RT: 16.235 min Scan# 2195
Delta R.T. -0.455 min
Lab File: BG048429.D
Acq: 19 Mar 2021 18:25

Tgt Ion:248 Resp: 14511
Ion Ratio Lower Upper
248 100
250 188.5 78.9 118.3#
141 502.4 46.2 69.4#

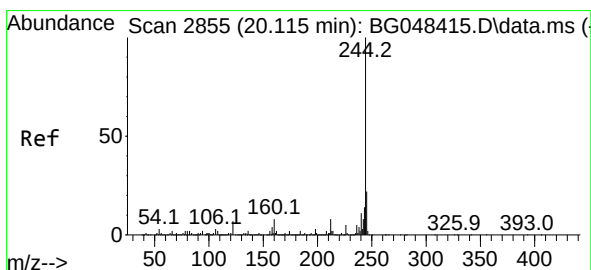
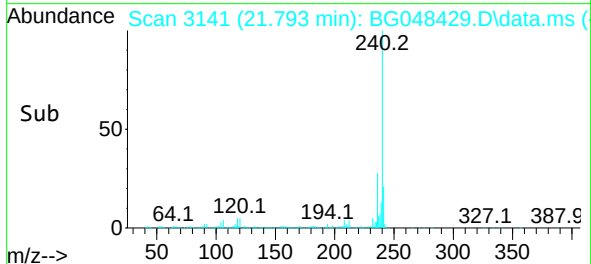
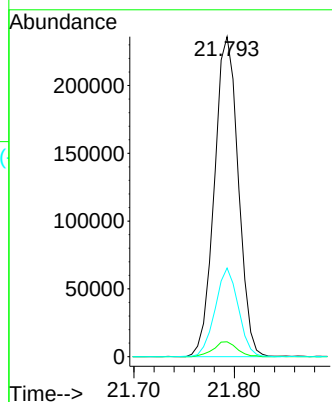
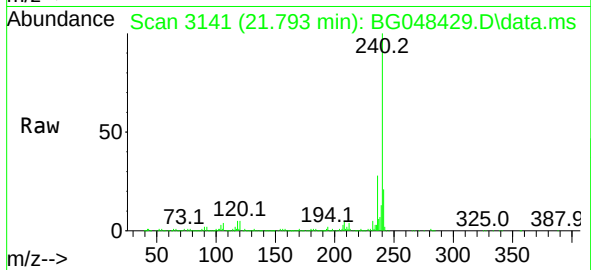




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.793 min Scan# 3141
Delta R.T. -0.009 min
Lab File: BG048429.D
Acq: 19 Mar 2021 18:25

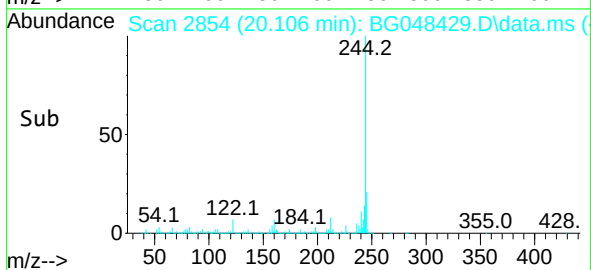
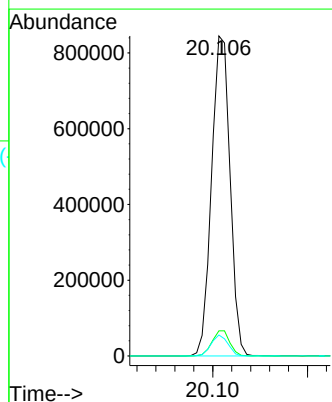
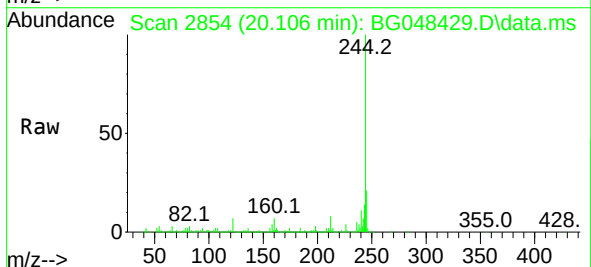
Instrument :
BNA_G
ClientSampleId :
SB-1C-(4.0-4.5)

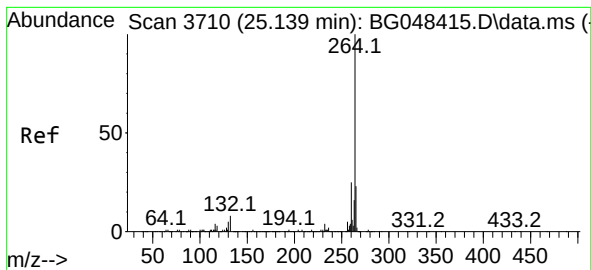
Tgt Ion:240 Resp: 389971
Ion Ratio Lower Upper
240 100
120 4.7 6.2 9.4#
236 27.7 20.5 30.7



#79
Terphenyl-d14
Concen: 52.75 ng
RT: 20.106 min Scan# 2854
Delta R.T. -0.009 min
Lab File: BG048429.D
Acq: 19 Mar 2021 18:25

Tgt Ion:244 Resp: 1140738
Ion Ratio Lower Upper
244 100
212 7.8 6.7 10.1
122 6.6 7.8 11.6#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.130 min Scan# 3709
 Delta R.T. -0.009 min
 Lab File: BG048429.D
 Acq: 19 Mar 2021 18:25

Instrument :
 BNA_G
 ClientSampleId :
 SB-1C-(4.0-4.5)

Tgt Ion:264 Resp: 406406
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.8 28.2
 265 21.4 17.8 26.8

