

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041621\
 Data File : BG048735.D
 Acq On : 16 Apr 2021 22:09
 Operator : CG/JU
 Sample : M2041-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S-2C

Quant Time: Apr 17 04:21:02 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 16 15:59:00 2021
 Response via : Initial Calibration

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

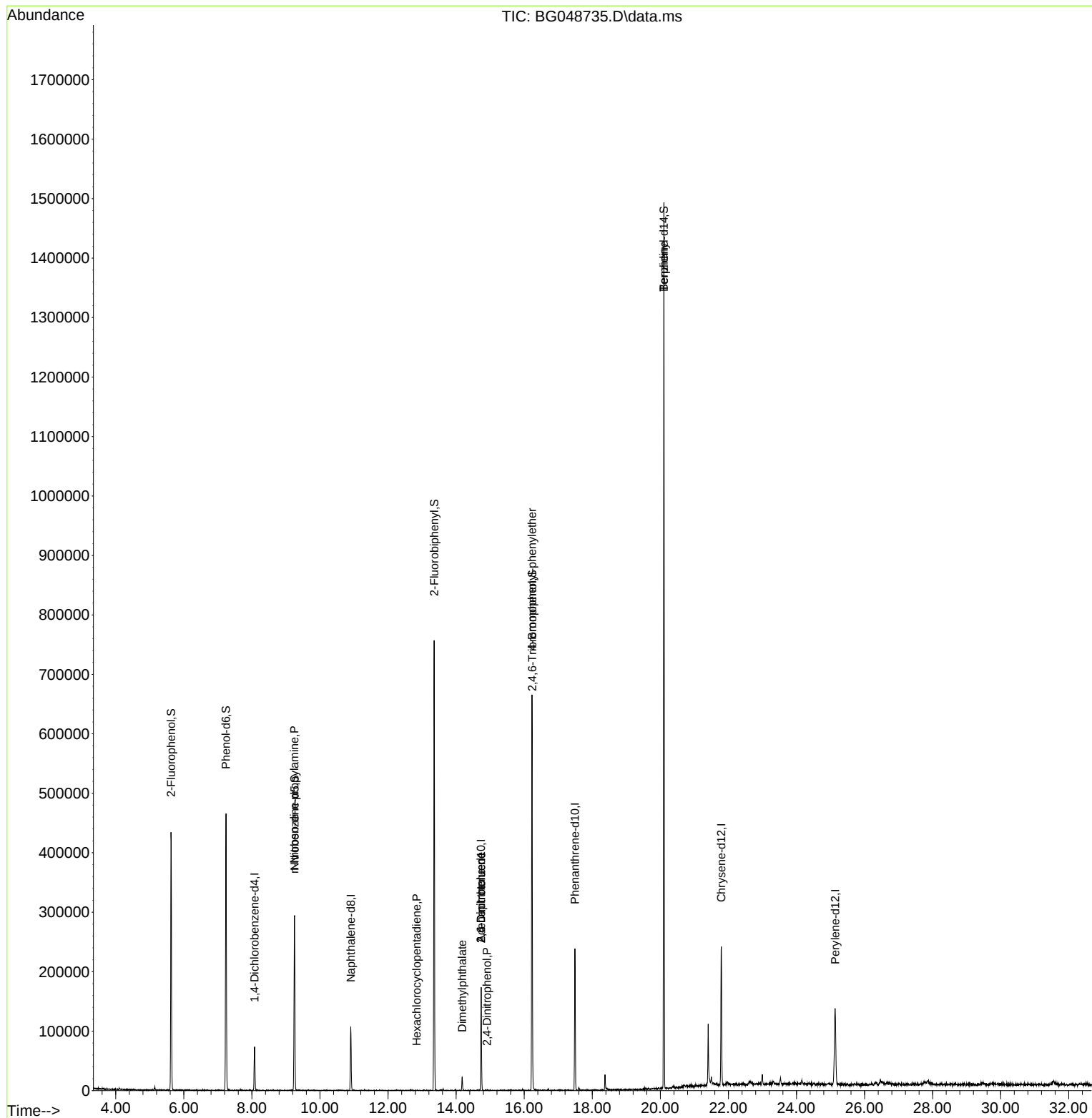
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.079	152	19358	20.00	ng	0.00
21) Naphthalene-d8	10.906	136	81487	20.00	ng	# 0.00
39) Acenaphthene-d10	14.736	164	54504	20.00	ng	0.00
64) Phenanthrene-d10	17.492	188	143487	20.00	ng	# 0.00
76) Chrysene-d12	21.793	240	144733	20.00	ng	# 0.00
86) Perylene-d12	25.136	264	136904	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.629	112	167496	144.71	ng	0.00
7) Phenol-d6	7.239	99	213868	130.63	ng	0.00
23) Nitrobenzene-d5	9.255	82	165136	90.73	ng	0.00
42) 2,4,6-Tribromophenol	16.235	330	109097	149.29	ng	0.00
45) 2-Fluorobiphenyl	13.356	172	355320	94.14	ng	0.00
79) Terphenyl-d14	20.107	244	652995	77.65	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.249	70	27160	24.59	ng	# 72
41) Hexachlorocyclopentadiene	12.844	237	60	5.92	ng	# 31
50) Dimethylphthalate	14.178	163	13656	3.34	ng	97
51) 2,6-Dinitrotoluene	14.736	165	8204	8.70	ng	# 12
54) 2,4-Dinitrophenol	14.907	184	58	5.38	ng	# 8
57) 2,4-Dinitrotoluene	14.736	165	8204	5.99	ng	# 17
67) 4-Bromophenyl-phenylether	16.229	248	7648	4.63	ng	# 1
77) Benzidine	20.107	184	12770	3.25	ng	99

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 16 15:59:00 2021
Response via : Initial Calibration

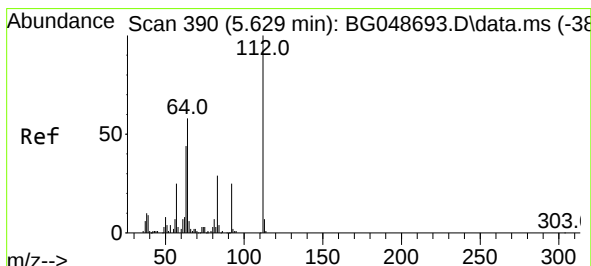
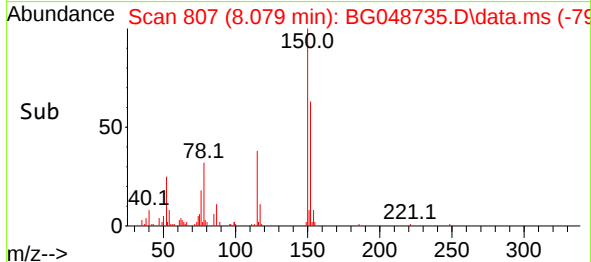
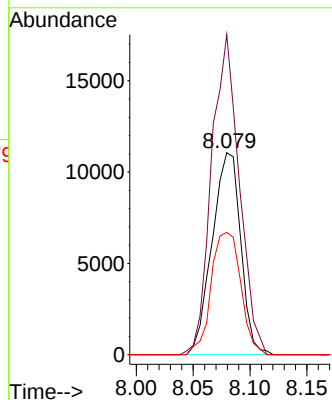
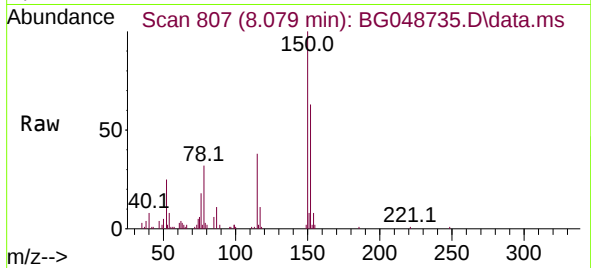




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.079 min Scan# 807
Delta R.T. -0.001 min
Lab File: BG048735.D
Acq: 16 Apr 2021 22:09

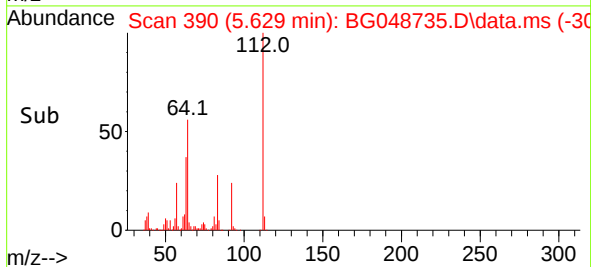
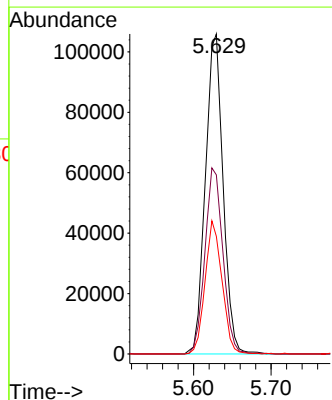
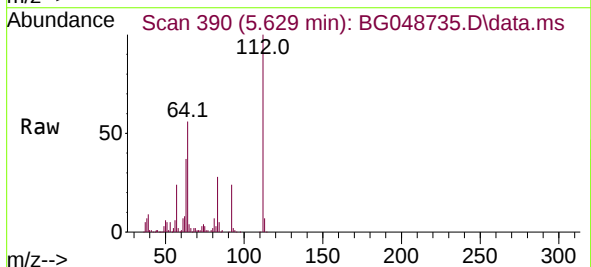
Instrument :
BNA_G
ClientSampleId :
S-2C

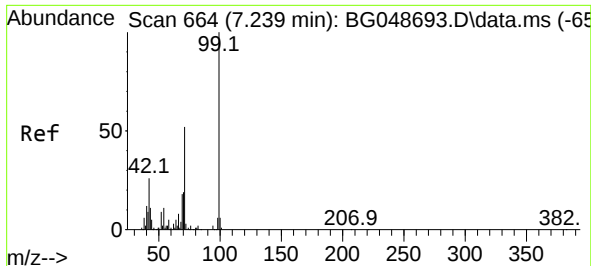
Tgt Ion:152 Resp: 19358
Ion Ratio Lower Upper
152 100
150 158.3 119.4 179.0
115 60.5 60.2 90.4



#5
2-Fluorophenol
Concen: 144.71 ng
RT: 5.629 min Scan# 390
Delta R.T. -0.001 min
Lab File: BG048735.D
Acq: 16 Apr 2021 22:09

Tgt Ion:112 Resp: 167496
Ion Ratio Lower Upper
112 100
64 55.9 46.7 70.1
63 36.7 35.3 52.9

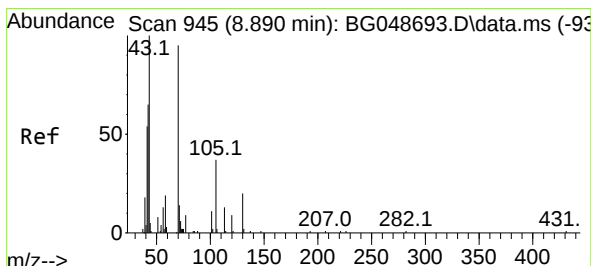
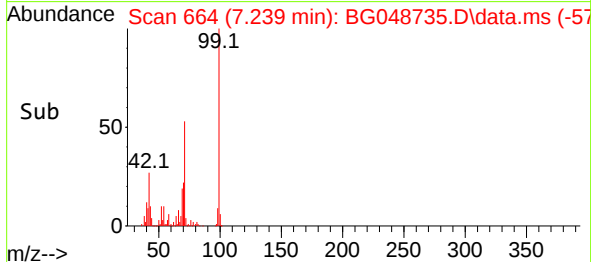
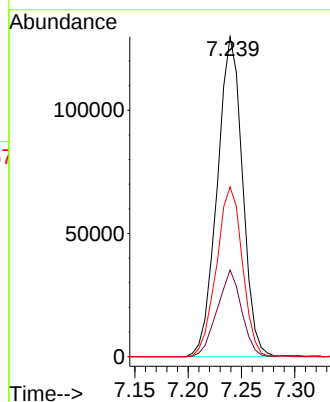
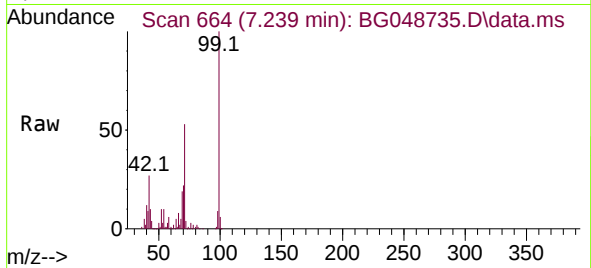




#7
Phenol-d6
Concen: 130.63 ng
RT: 7.239 min Scan# 664
Delta R.T. -0.001 min
Lab File: BG048735.D
Acq: 16 Apr 2021 22:09

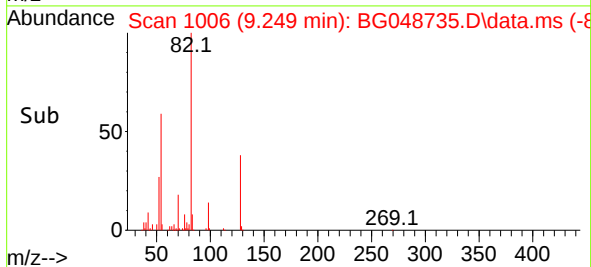
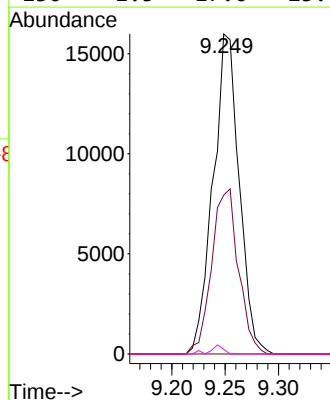
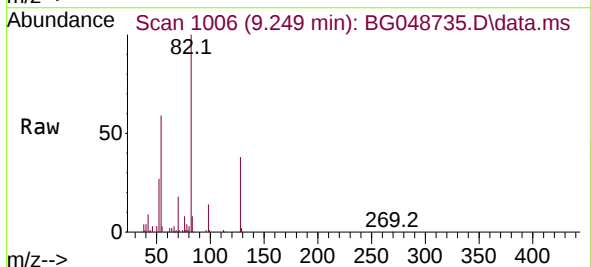
Instrument :
BNA_G
ClientSampleId :
S-2C

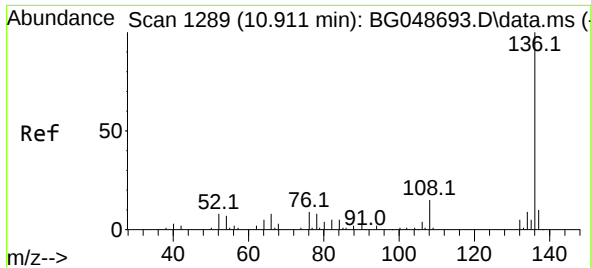
Tgt Ion: 99 Resp: 213868
Ion Ratio Lower Upper
99 100
42 27.1 20.5 30.7
71 53.0 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 24.59 ng
RT: 9.249 min Scan# 1006
Delta R.T. 0.358 min
Lab File: BG048735.D
Acq: 16 Apr 2021 22:09

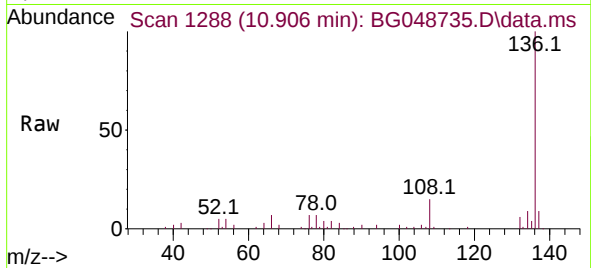
Tgt Ion: 70 Resp: 27160
Ion Ratio Lower Upper
70 100
42 49.7 54.5 81.7#
101 0.0 9.0 13.6#
130 1.5 17.0 25.6#



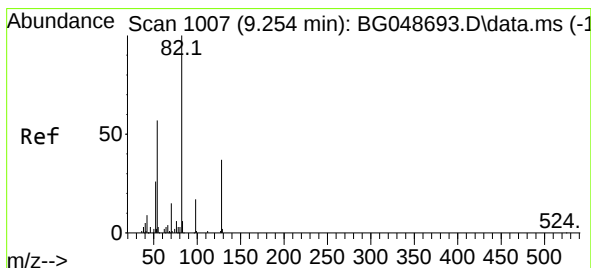
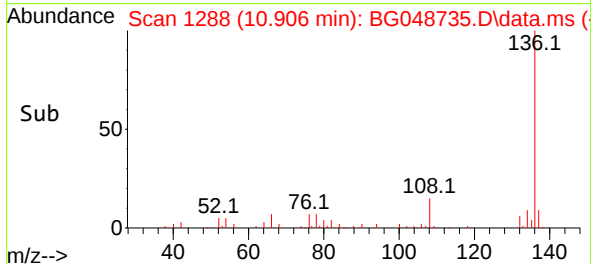
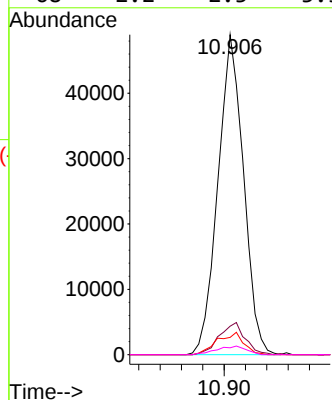


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.906 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BG048735.D
Acq: 16 Apr 2021 22:09

Instrument :
BNA_G
ClientSampleId :
S-2C

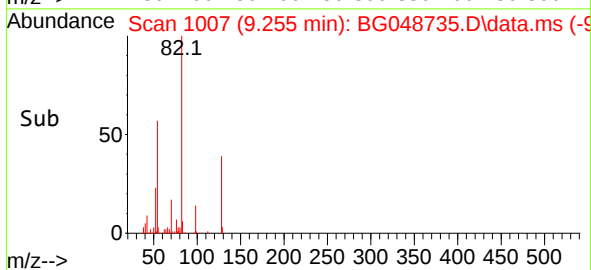
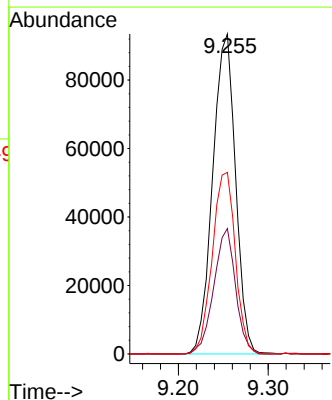
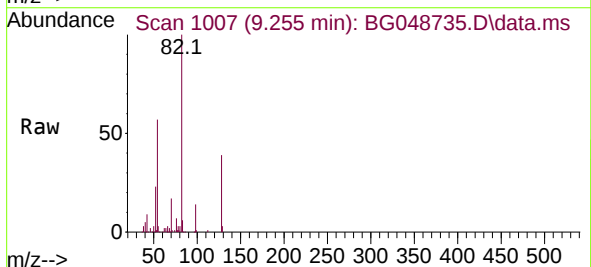


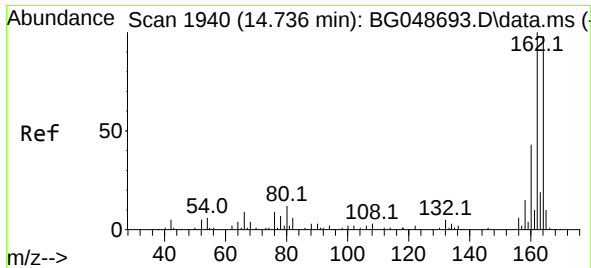
Tgt Ion:136	Resp:	81487
Ion Ratio	Lower	Upper
136	100	
137	8.9	8.2 12.2
54	5.4	5.5 8.3#
68	2.2	2.3 3.5#



#23
Nitrobenzene-d5
Concen: 90.73 ng
RT: 9.255 min Scan# 1007
Delta R.T. -0.001 min
Lab File: BG048735.D
Acq: 16 Apr 2021 22:09

Tgt Ion: 82	Resp:	165136
Ion Ratio	Lower	Upper
82	100	
128	39.2	29.8 44.6
54	56.7	45.8 68.8

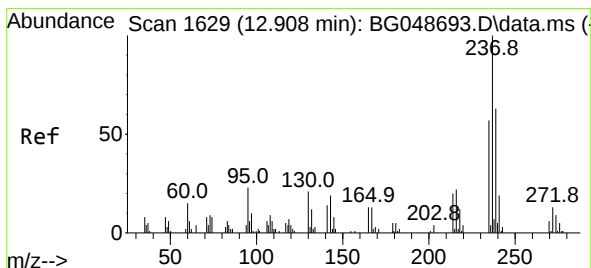
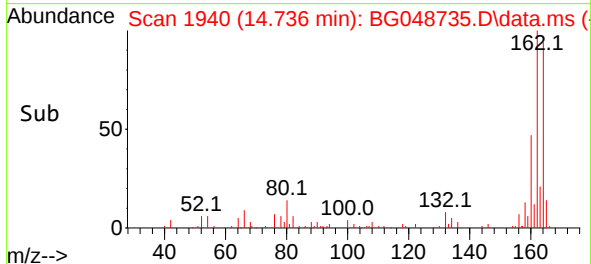
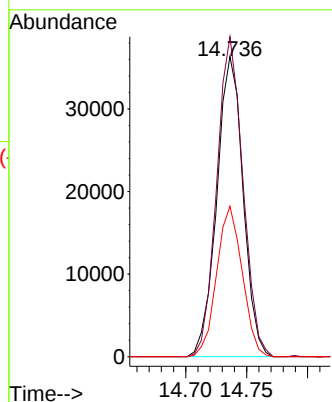
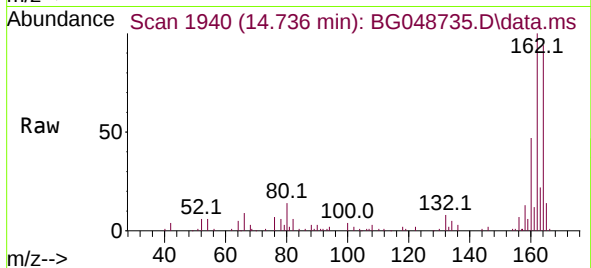




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.736 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BG048735.D
Acq: 16 Apr 2021 22:09

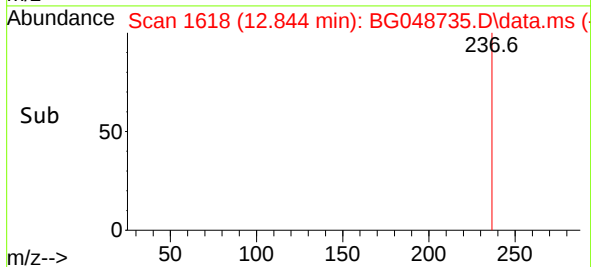
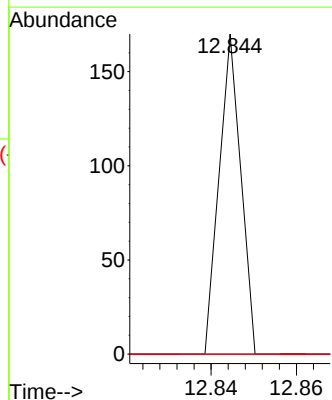
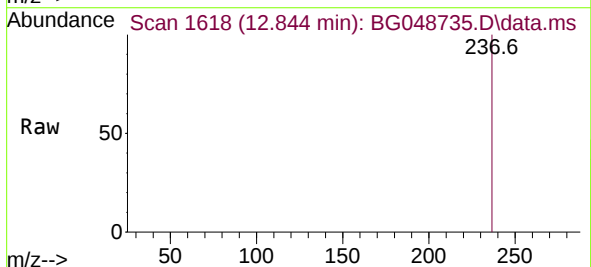
Instrument :
BNA_G
ClientSampleId :
S-2C

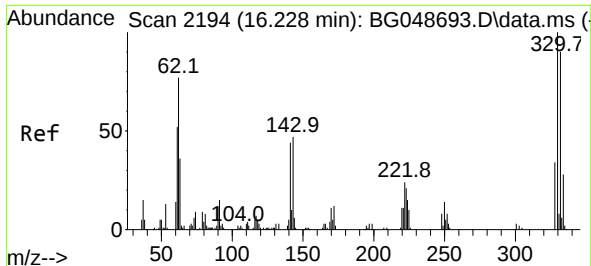
Tgt Ion:	164	Resp:	54504
Ion	Ratio	Lower	Upper
164	100		
162	106.6	81.4	122.0
160	50.1	34.9	52.3



#41
Hexachlorocyclopentadiene
Concen: 5.92 ng
RT: 12.844 min Scan# 1618
Delta R.T. -0.065 min
Lab File: BG048735.D
Acq: 16 Apr 2021 22:09

Tgt Ion:	237	Resp:	60
Ion	Ratio	Lower	Upper
237	100		
235	0.0	36.6	76.6#
272	0.0	0.0	32.5

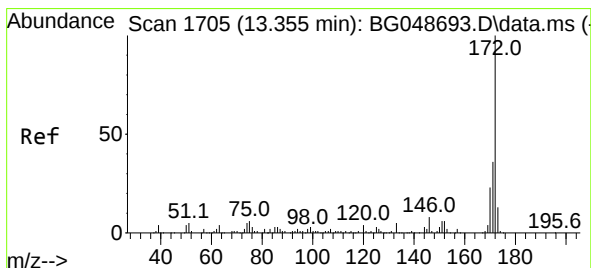
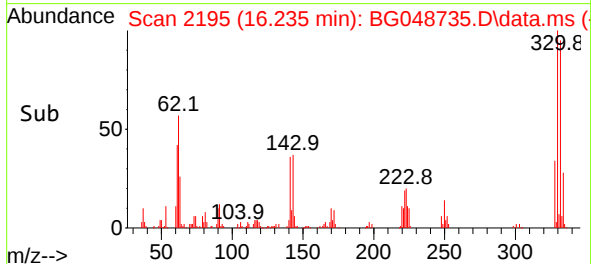
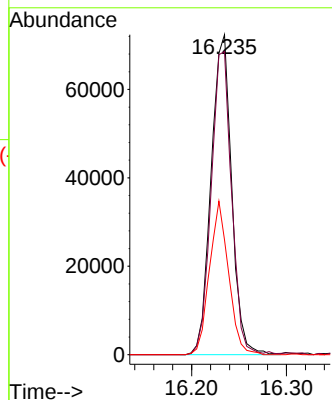
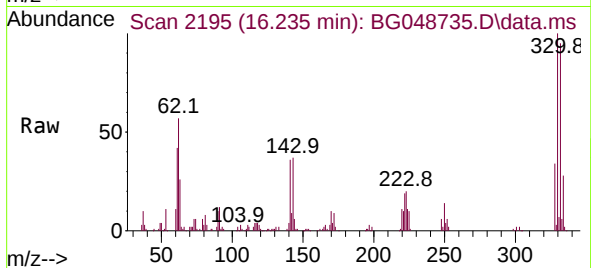




#42
2,4,6-Tribromophenol
Concen: 149.29 ng
RT: 16.235 min Scan# 2195
Delta R.T. -0.001 min
Lab File: BG048735.D
Acq: 16 Apr 2021 22:09

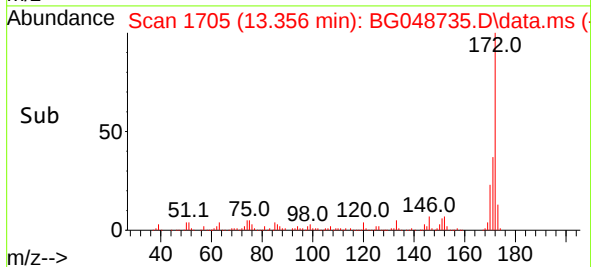
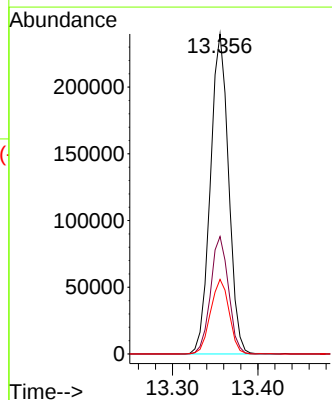
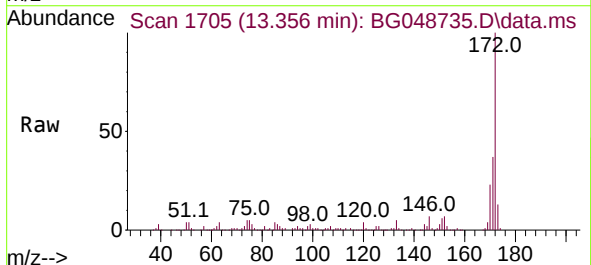
Instrument :
BNA_G
ClientSampleId :
S-2C

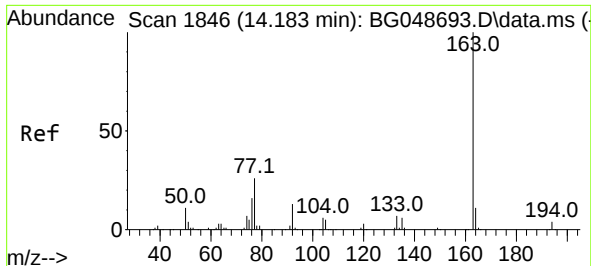
Tgt Ion:330 Resp: 109097
Ion Ratio Lower Upper
330 100
332 94.3 77.3 115.9
141 44.6 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 94.14 ng
RT: 13.356 min Scan# 1705
Delta R.T. -0.001 min
Lab File: BG048735.D
Acq: 16 Apr 2021 22:09

Tgt Ion:172 Resp: 355320
Ion Ratio Lower Upper
172 100
171 36.7 28.6 43.0
170 23.3 18.6 27.8

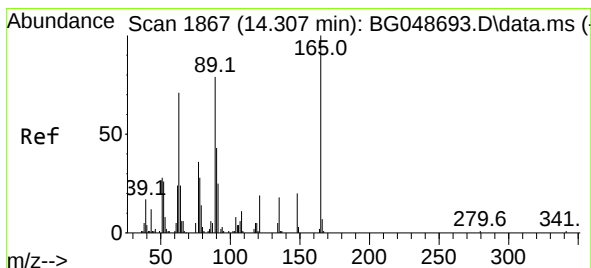
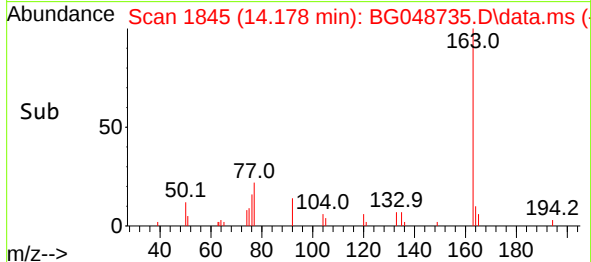
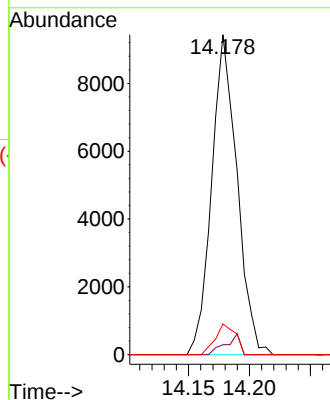
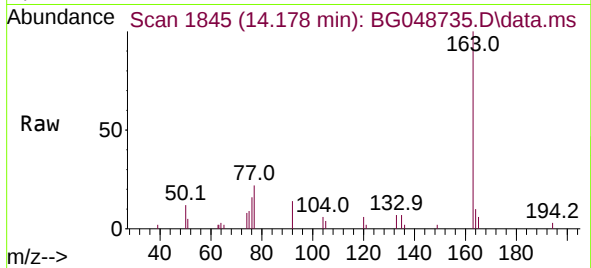




#50
Dimethylphthalate
Concen: 3.34 ng
RT: 14.178 min Scan# 1845
Delta R.T. -0.006 min
Lab File: BG048735.D
Acq: 16 Apr 2021 22:09

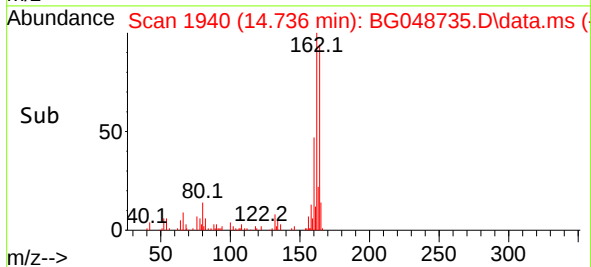
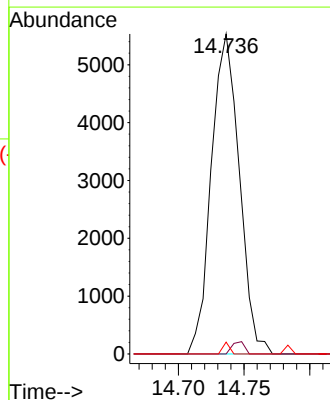
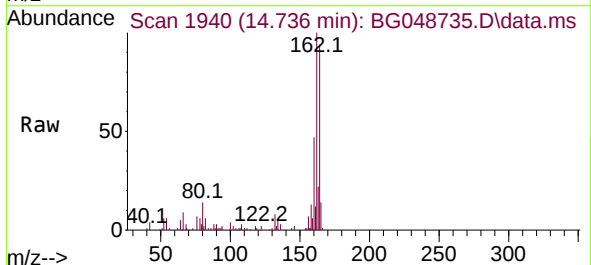
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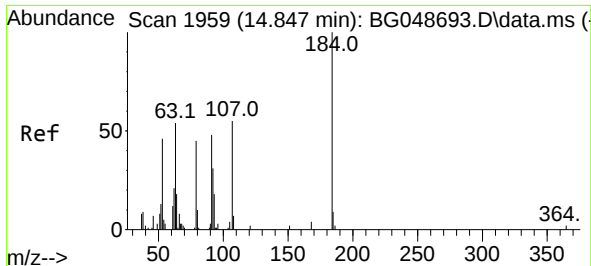
Tgt Ion:163 Resp: 13656
Ion Ratio Lower Upper
163 100
194 3.1 3.0 4.6
164 9.6 8.6 12.8



#51
2,6-Dinitrotoluene
Concen: 8.70 ng
RT: 14.736 min Scan# 1940
Delta R.T. 0.422 min
Lab File: BG048735.D
Acq: 16 Apr 2021 22:09

Tgt Ion:165 Resp: 8204
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 3.7 63.4 95.0#

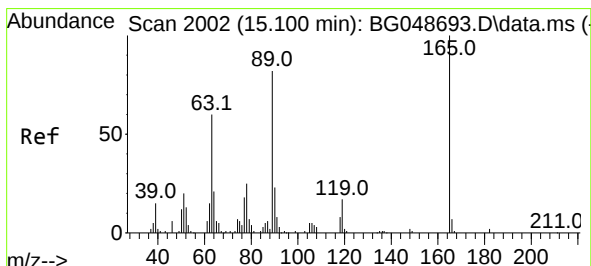
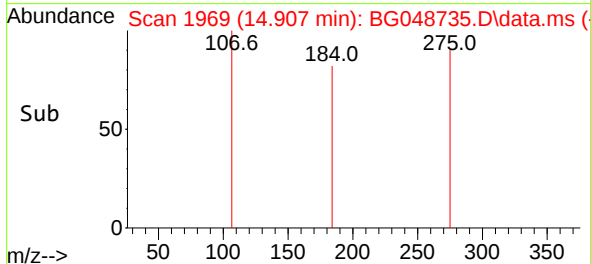
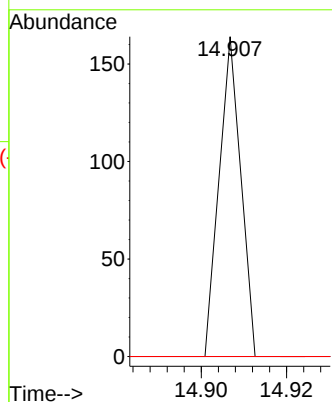
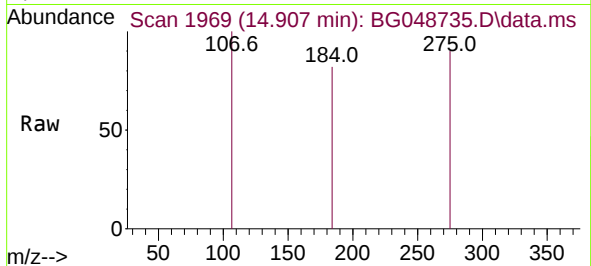




#54
2,4-Dinitrophenol
Concen: 5.38 ng
RT: 14.907 min Scan# 1969
Delta R.T. 0.052 min
Lab File: BG048735.D
Acq: 16 Apr 2021 22:09

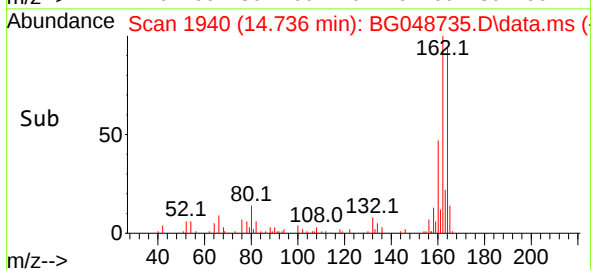
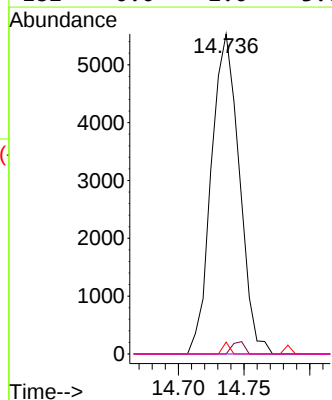
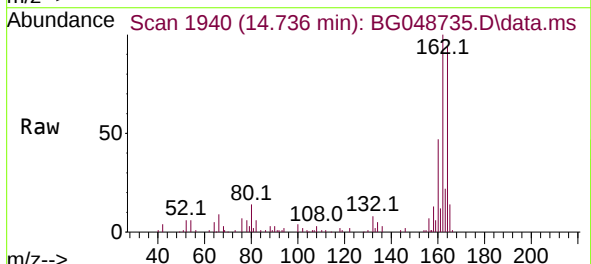
Instrument :
BNA_G
ClientSampled :
S-2C

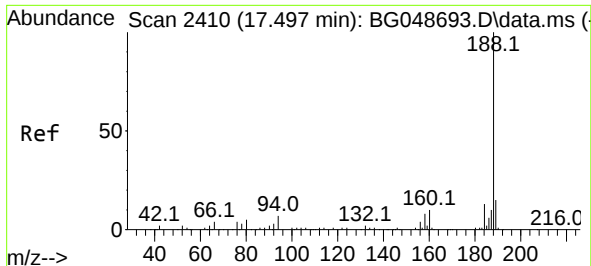
Tgt Ion:184	Resp:	58
Ion Ratio	Lower	Upper
184	100	
63	0.0	68.3 102.5#
154	0.0	62.6 93.8#



#57
2,4-Dinitrotoluene
Concen: 5.99 ng
RT: 14.736 min Scan# 1940
Delta R.T. -0.365 min
Lab File: BG048735.D
Acq: 16 Apr 2021 22:09

Tgt Ion:165	Resp:	8204
Ion Ratio	Lower	Upper
165	100	
63	0.0	48.0 72.0#
89	3.7	65.4 98.0#
182	0.0	2.0 3.0#

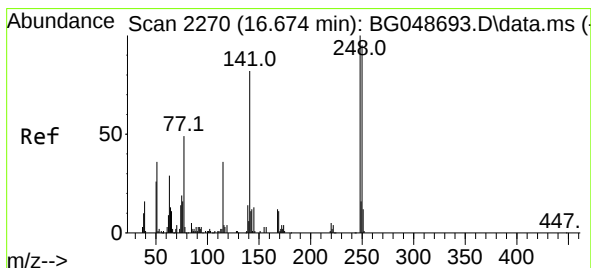
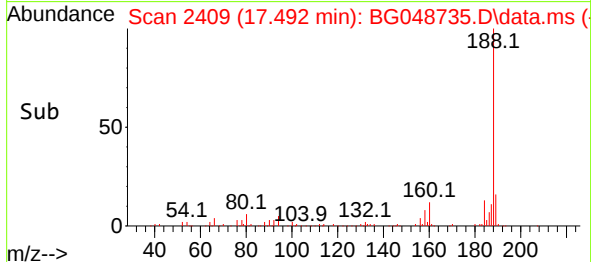
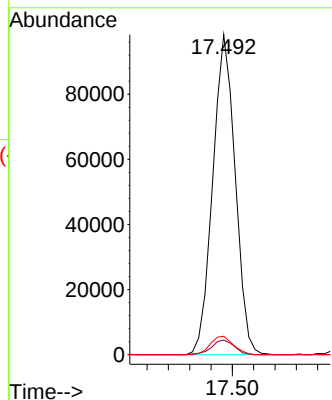
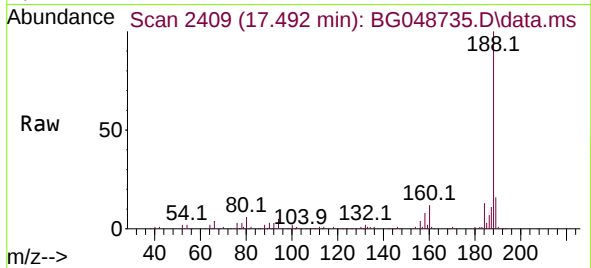




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.492 min Scan# 2409
Delta R.T. -0.006 min
Lab File: BG048735.D
Acq: 16 Apr 2021 22:09

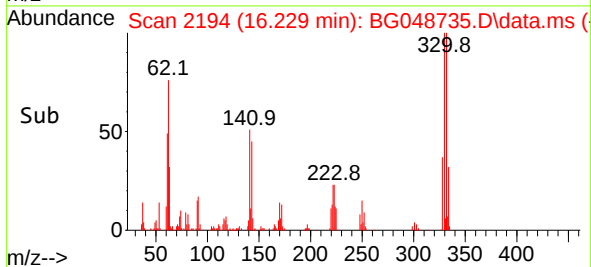
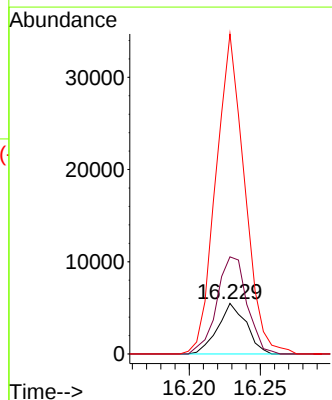
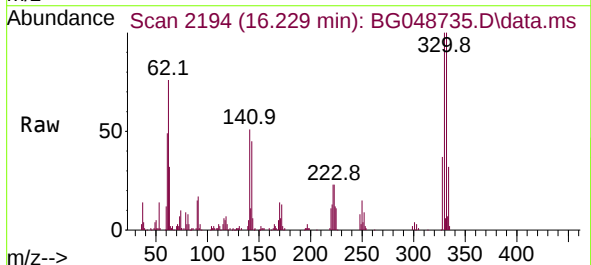
Instrument :
BNA_G
ClientSampled :
S-2C

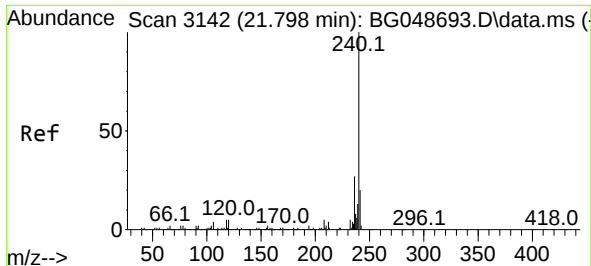
Tgt Ion:188 Resp: 143487
Ion Ratio Lower Upper
188 100
94 4.6 5.4 8.0#
80 5.8 3.7 5.5#



#67
4-Bromophenyl-phenylether
Concen: 4.63 ng
RT: 16.229 min Scan# 2194
Delta R.T. -0.447 min
Lab File: BG048735.D
Acq: 16 Apr 2021 22:09

Tgt Ion:248 Resp: 7648
Ion Ratio Lower Upper
248 100
250 192.1 76.1 114.1#
141 632.8 65.4 98.2#

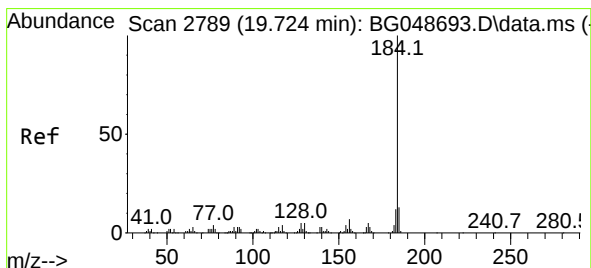
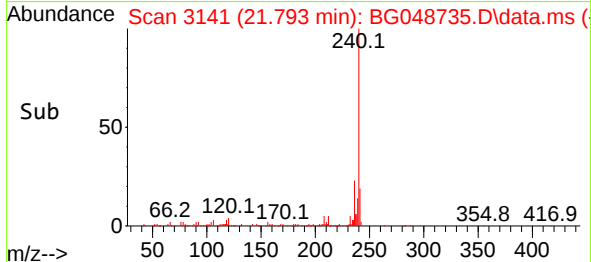
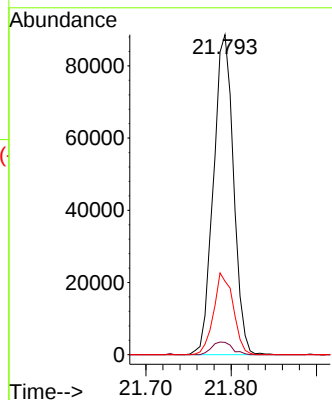
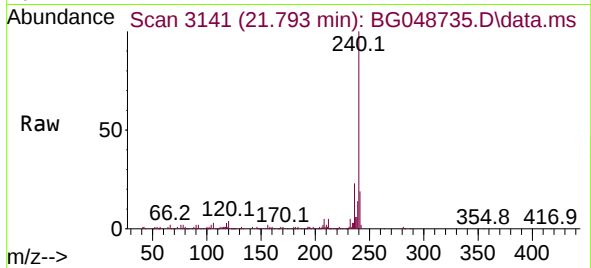




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.793 min Scan# 3141
Delta R.T. -0.006 min
Lab File: BG048735.D
Acq: 16 Apr 2021 22:09

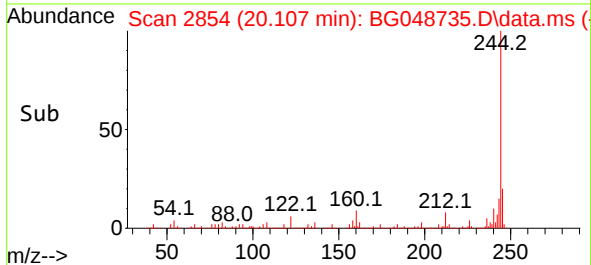
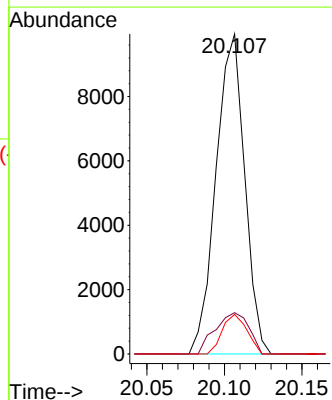
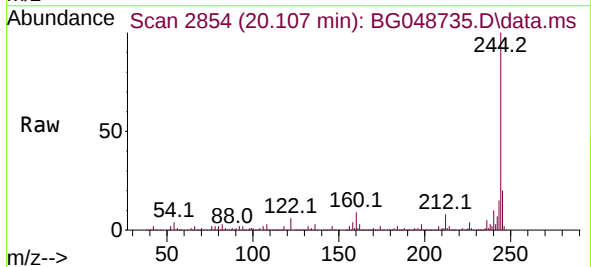
Instrument :
BNA_G
ClientSampled :
S-2C

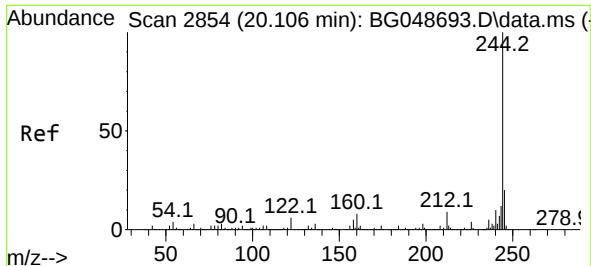
Tgt Ion:240 Resp: 144733
Ion Ratio Lower Upper
240 100
120 3.9 4.2 6.2#
236 23.0 21.8 32.6



#77
Benzidine
Concen: 3.25 ng
RT: 20.107 min Scan# 2854
Delta R.T. 0.376 min
Lab File: BG048735.D
Acq: 16 Apr 2021 22:09

Tgt Ion:184 Resp: 12770
Ion Ratio Lower Upper
184 100
185 12.9 10.7 16.1
183 12.4 9.4 14.0

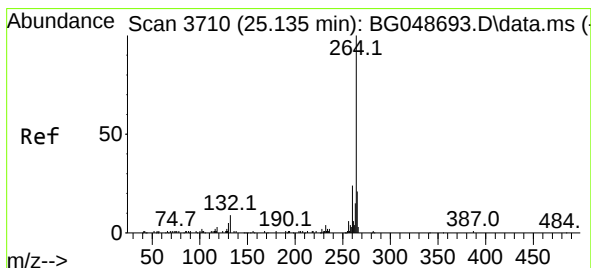
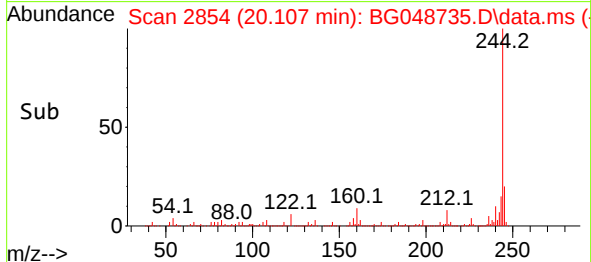
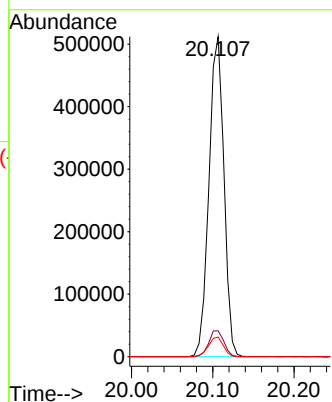
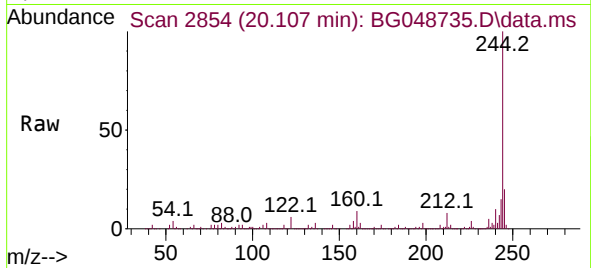




#79
 Terphenyl-d14
 Concen: 77.65 ng
 RT: 20.107 min Scan# 2854
 Delta R.T. -0.001 min
 Lab File: BG048735.D
 Acq: 16 Apr 2021 22:09

Instrument :
 BNA_G
 ClientSampled :
 S-2C

Tgt Ion:244 Resp: 652995
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.9 10.3
 122 6.2 5.0 7.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.136 min Scan# 3710
 Delta R.T. -0.006 min
 Lab File: BG048735.D
 Acq: 16 Apr 2021 22:09

Tgt Ion:264 Resp: 136904
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.4 29.2
 265 20.8 16.9 25.3

