

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010821\
 Data File : BG047902.D
 Acq On : 9 Jan 2021 1:25
 Operator : CG/JU
 Sample : M1038-21
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-12

Quant Time: Jan 09 02:01:12 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 08 11:19:41 2021
 Response via : Initial Calibration

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

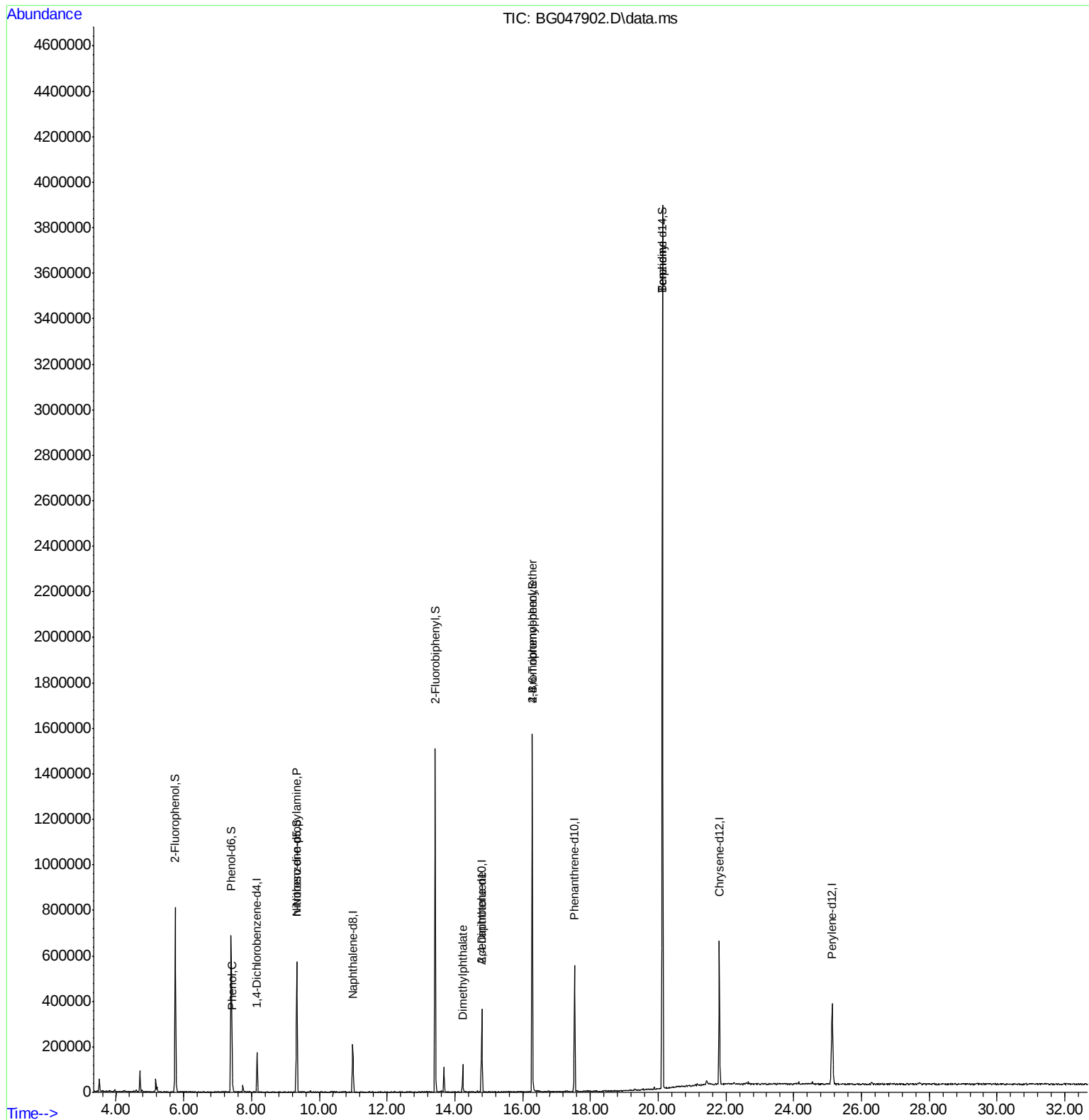
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.161	152	47748	20.00	ng	# 0.00
21) Naphthalene-d8	10.987	136	177167	20.00	ng	0.00
39) Acenaphthene-d10	14.789	164	135213	20.00	ng	0.00
64) Phenanthrene-d10	17.533	188	359710	20.00	ng	# 0.00
76) Chrysene-d12	21.804	240	397639	20.00	ng	# 0.00
86) Perylene-d12	25.136	264	393912	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.747	112	348598	126.30	ng	0.00
7) Phenol-d6	7.398	99	461376	114.35	ng	0.00
23) Nitrobenzene-d5	9.331	82	366800	76.15	ng	0.00
42) 2,4,6-Tribromophenol	16.287	330	305384	132.30	ng	0.00
45) 2-Fluorobiphenyl	13.420	172	789567	75.56	ng	0.00
79) Terphenyl-d14	20.124	244	1675198	69.42	ng	0.00
Target Compounds						
10) Phenol	7.427	94	15156	4.14	ng	# 44
19) n-Nitroso-di-n-propyla...	9.331	70	52732	18.78	ng	# 72
50) Dimethylphthalate	14.231	163	73365	6.29	ng	96
57) 2,4-Dinitrotoluene	14.795	165	17004	4.83	ng	# 34
67) 4-Bromophenyl-phenylether	16.287	248	22293	4.61	ng	# 1
70) Pentachlorophenol	17.233	266	90	Below Cal		# 19
77) Benzidine	20.124	184	33054	3.09	ng	# 95

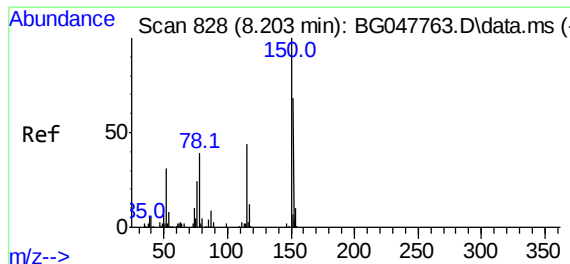
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121720.M
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QLast Update : Fri Jan 08 11:19:41 2021
Response via : Initial Calibration

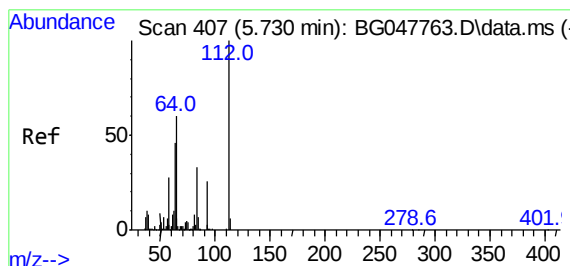
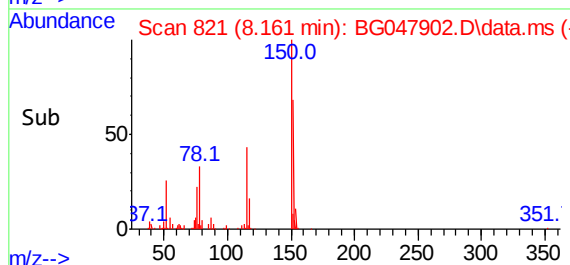
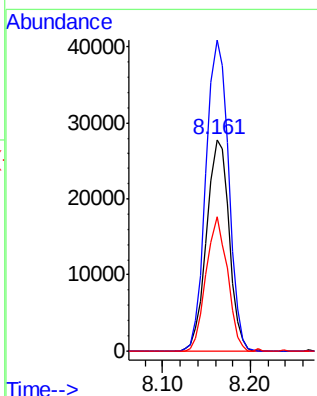
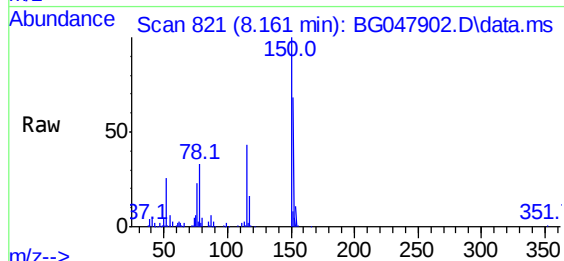




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.161 min Scan# 821
Delta R.T. -0.001 min
Lab File: BG047902.D
Acq: 9 Jan 2021 1:25

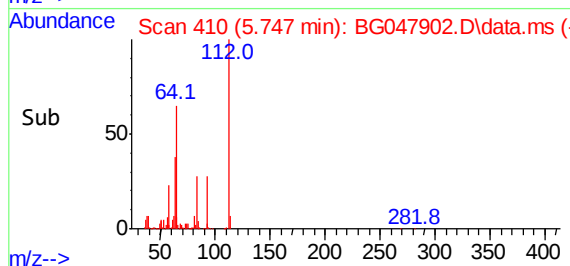
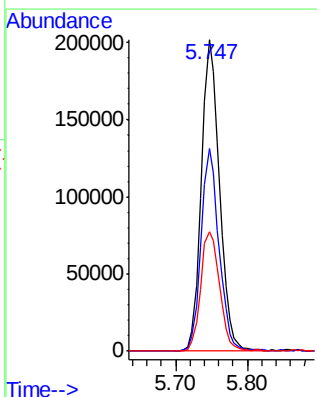
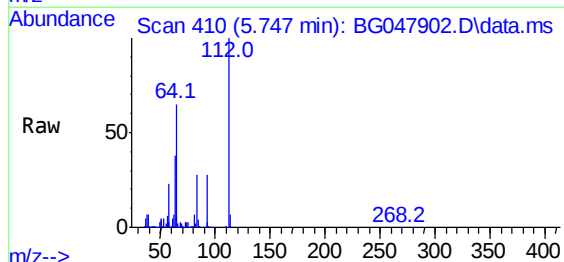
Instrument :
BNA_G
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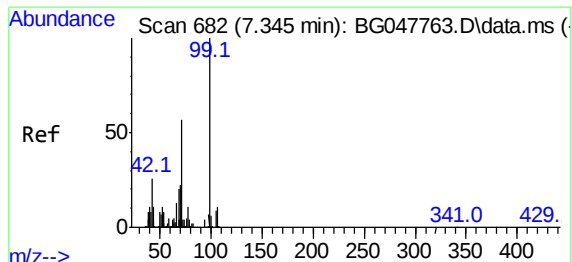
Tgt Ion:152 Resp: 47748
Ion Ratio Lower Upper
152 100
150 147.3 125.0 187.6
115 63.4 41.8 62.6#



#5
2-Fluorophenol
Concen: 126.30 ng
RT: 5.747 min Scan# 410
Delta R.T. -0.006 min
Lab File: BG047902.D
Acq: 9 Jan 2021 1:25

Tgt Ion:112 Resp: 348598
Ion Ratio Lower Upper
112 100
64 64.8 46.7 70.1
63 38.3 22.8 34.2#

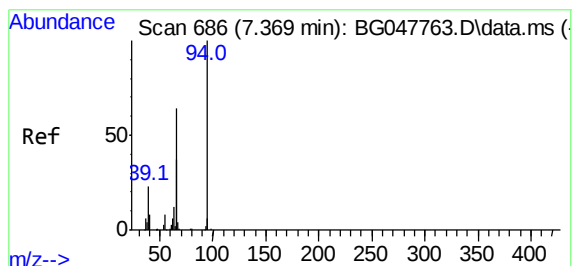
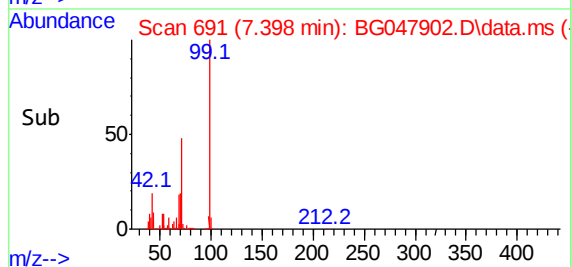
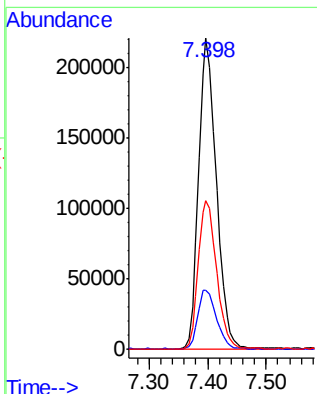
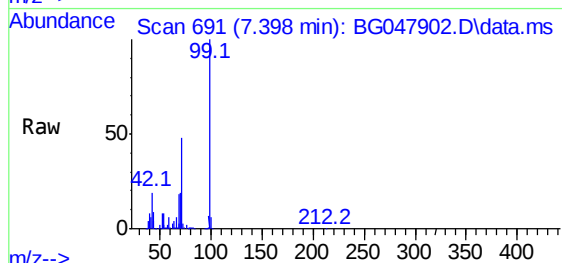




#7
Phenol-d6
Concen: 114.35 ng
RT: 7.398 min Scan# 691
Delta R.T. -0.000 min
Lab File: BG047902.D
Acq: 9 Jan 2021 1:25

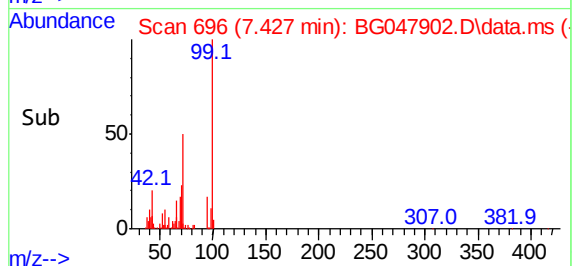
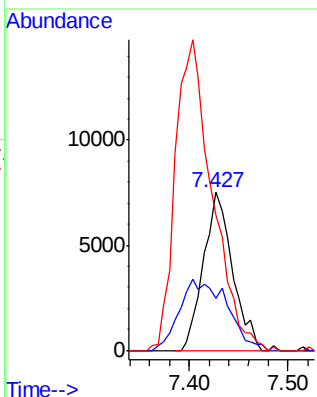
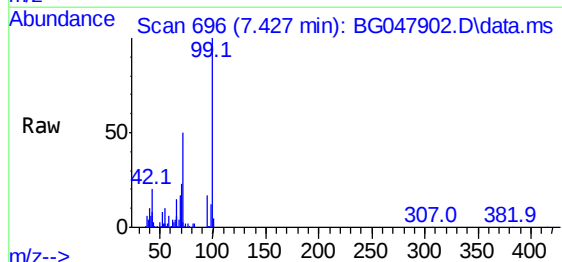
Instrument :
BNA_G
ClientSampleId :
TP-12

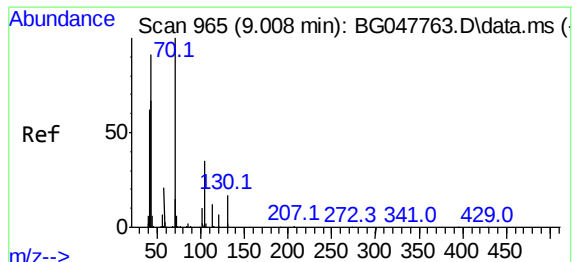
Tgt Ion: 99 Resp: 461376
Ion Ratio Lower Upper
99 100
42 18.8 12.8 19.2
71 47.7 24.6 36.8#



#10
Phenol
Concen: 4.14 ng
RT: 7.427 min Scan# 696
Delta R.T. -0.000 min
Lab File: BG047902.D
Acq: 9 Jan 2021 1:25

Tgt Ion: 94 Resp: 15156
Ion Ratio Lower Upper
94 100
65 32.8 6.6 46.6
66 85.5 13.9 53.9#

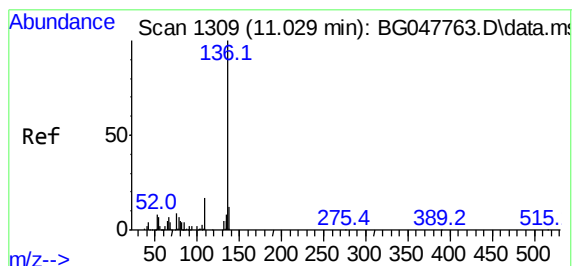
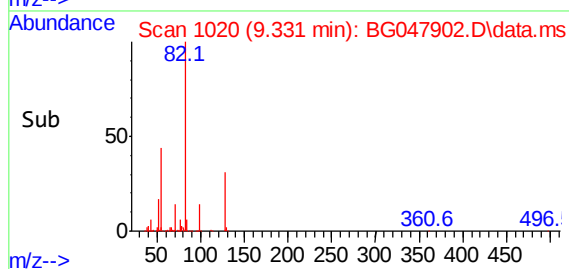
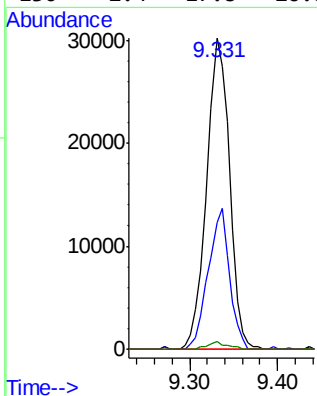
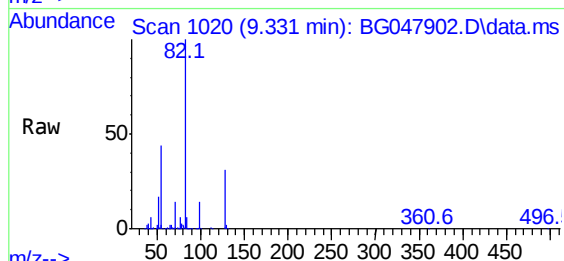




#19
n-Nitroso-di-n-propylamine
Concen: 18.78 ng
RT: 9.331 min Scan# 1020
Delta R.T. 0.364 min
Lab File: BG047902.D
Acq: 9 Jan 2021 1:25

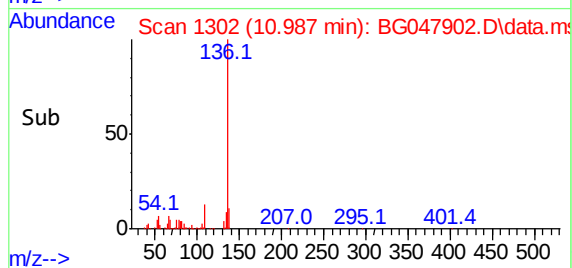
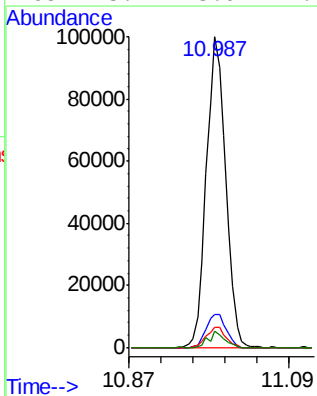
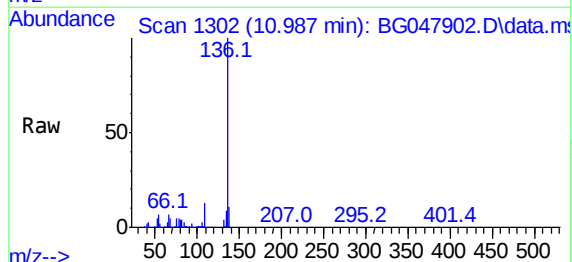
Instrument :
BNA_G
ClientSampleId :
TP-12

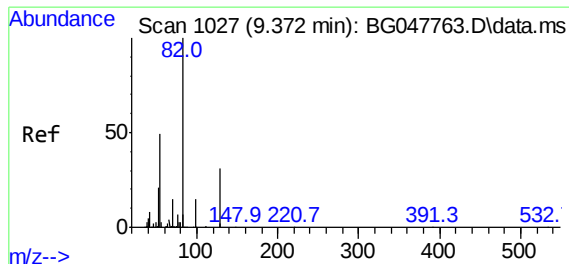
Tgt Ion:	70	Resp:	52732
Ion	Ratio	Lower	Upper
70	100		
42	40.7	45.6	68.4#
101	0.0	8.4	12.6#
130	2.4	17.8	26.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.987 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BG047902.D
Acq: 9 Jan 2021 1:25

Tgt Ion:	136	Resp:	177167
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.1	13.7
54	6.5	6.2	9.4
68	5.1	5.0	7.4

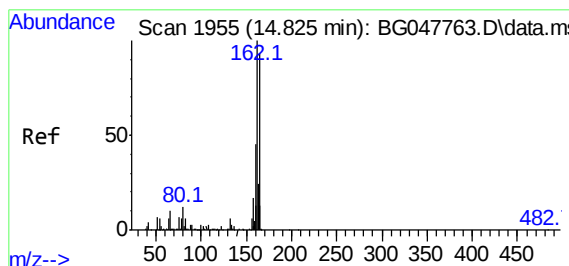
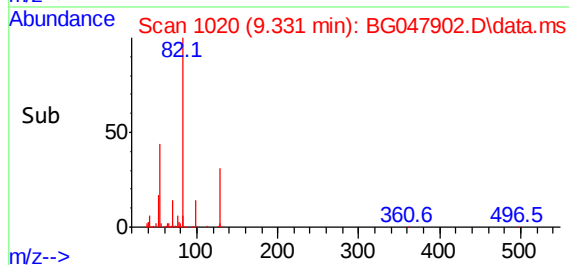
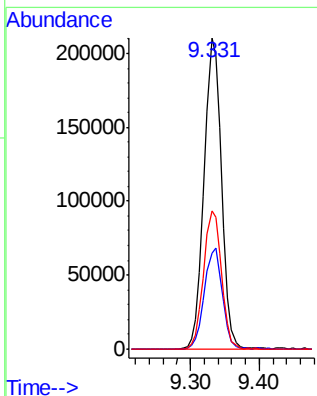
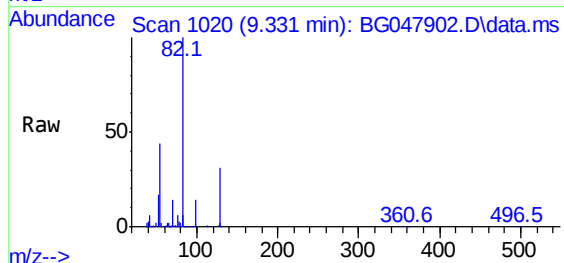




#23
Nitrobenzene-d5
Concen: 76.15 ng
RT: 9.331 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BG047902.D
Acq: 9 Jan 2021 1:25

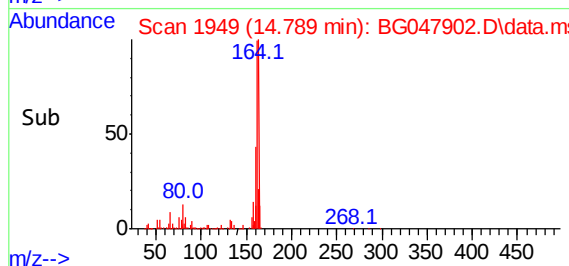
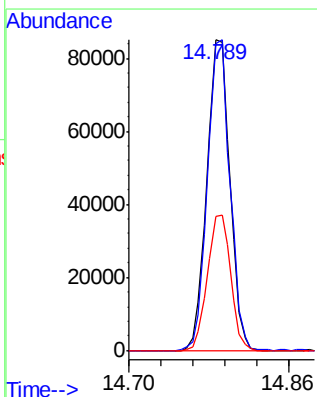
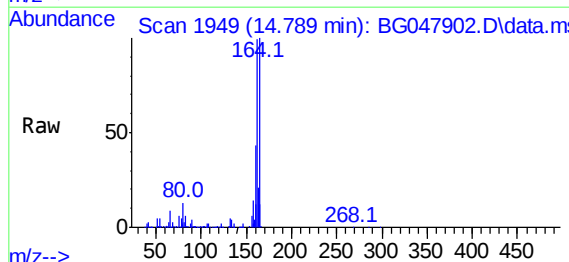
Instrument :
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ClientSampleId :
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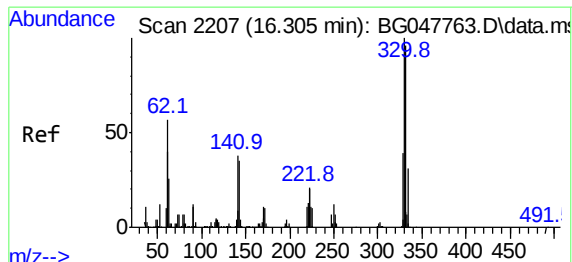
Tgt Ion: 82 Resp: 366800
Ion Ratio Lower Upper
82 100
128 30.7 37.0 55.6#
54 44.4 39.0 58.4



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.789 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BG047902.D
Acq: 9 Jan 2021 1:25

Tgt Ion: 164 Resp: 135213
Ion Ratio Lower Upper
164 100
162 98.9 82.3 123.5
160 43.4 35.3 52.9

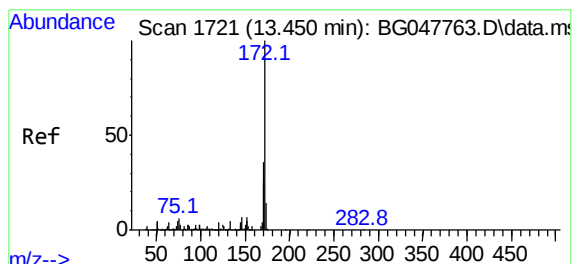
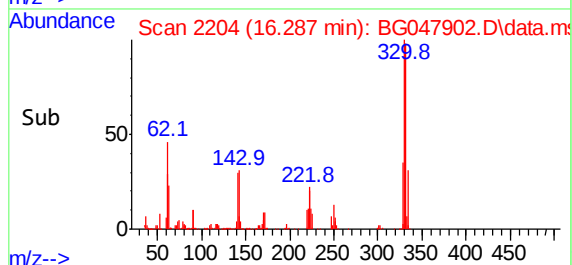
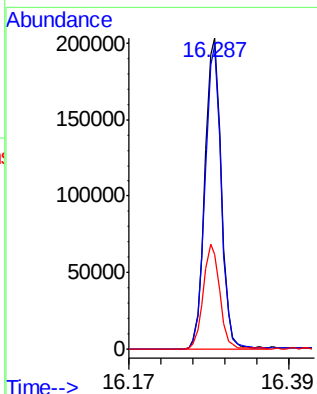
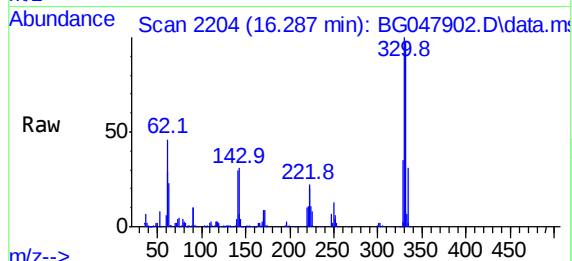




#42
2,4,6-Tribromophenol
Concen: 132.30 ng
RT: 16.287 min Scan# 2204
Delta R.T. -0.000 min
Lab File: BG047902.D
Acq: 9 Jan 2021 1:25

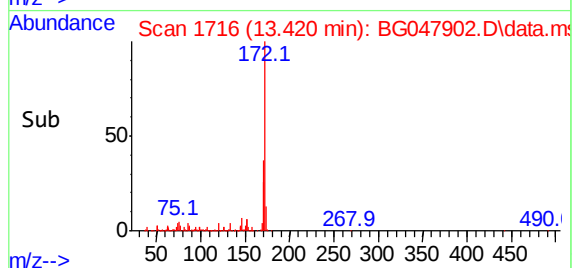
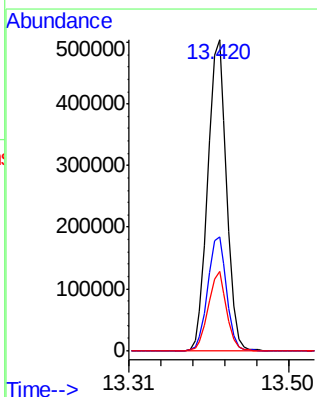
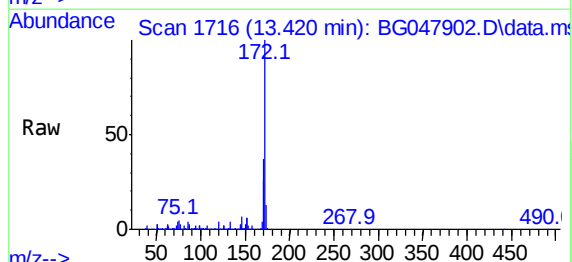
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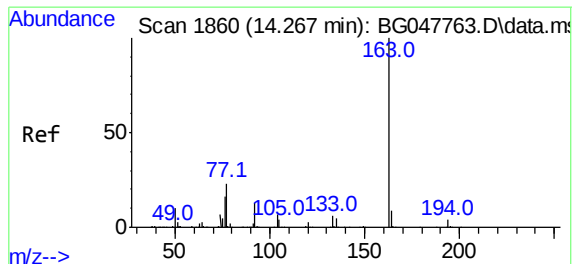
Tgt Ion:330 Resp: 305384
Ion Ratio Lower Upper
330 100
332 96.6 76.5 114.7
141 34.0 26.0 39.0



#45
2-Fluorobiphenyl
Concen: 75.56 ng
RT: 13.420 min Scan# 1716
Delta R.T. -0.000 min
Lab File: BG047902.D
Acq: 9 Jan 2021 1:25

Tgt Ion:172 Resp: 789567
Ion Ratio Lower Upper
172 100
171 36.5 31.3 46.9
170 25.6 20.8 31.2

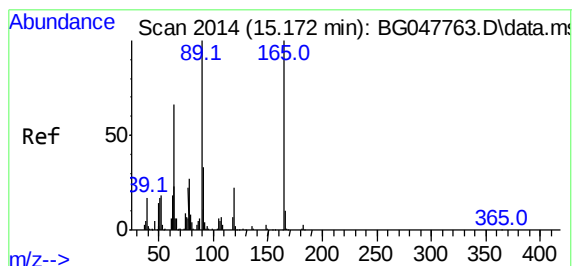
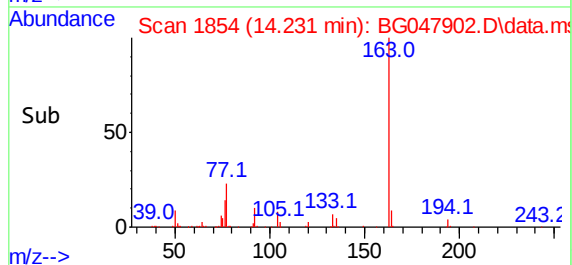
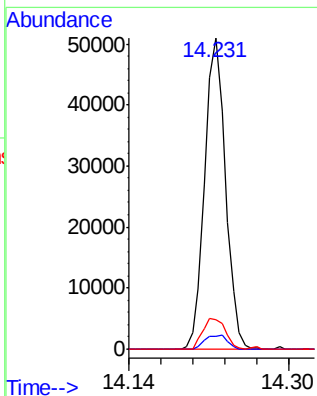
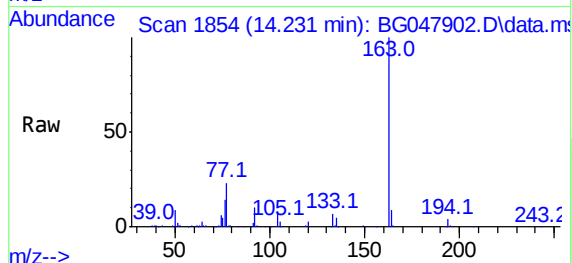




#50
Dimethylphthalate
Concen: 6.29 ng
RT: 14.231 min Scan# 1854
Delta R.T. -0.012 min
Lab File: BG047902.D
Acq: 9 Jan 2021 1:25

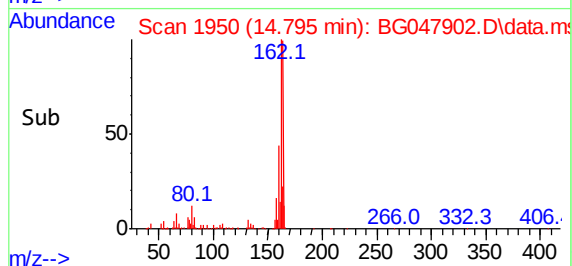
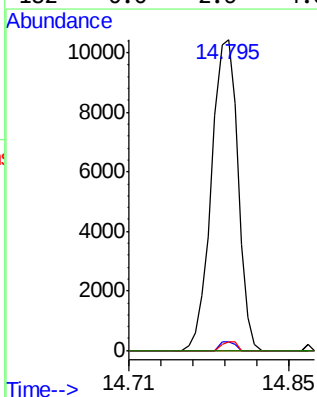
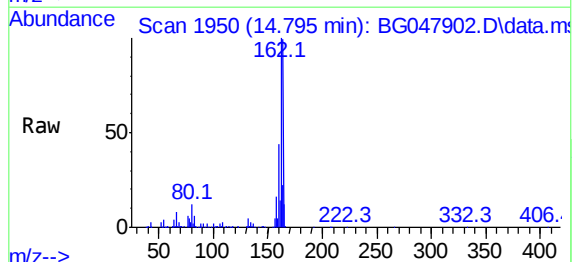
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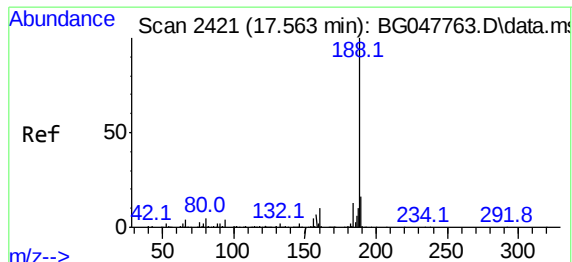
Tgt Ion:	163	Resp:	73365
Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.8	5.8
164	9.2	8.8	13.2



#57
2,4-Dinitrotoluene
Concen: 4.83 ng
RT: 14.795 min Scan# 1950
Delta R.T. -0.353 min
Lab File: BG047902.D
Acq: 9 Jan 2021 1:25

Tgt Ion:	165	Resp:	17004
Ion	Ratio	Lower	Upper
165	100		
63	2.8	26.4	39.6#
89	2.9	47.8	71.8#
182	0.0	2.6	4.0#

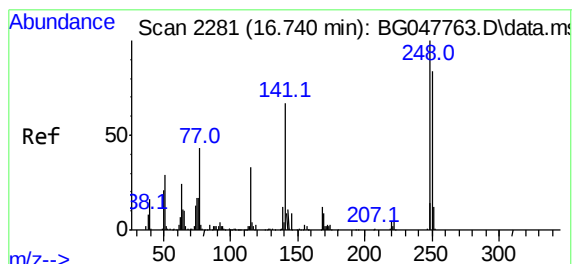
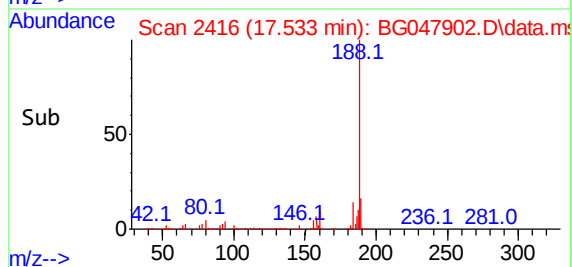
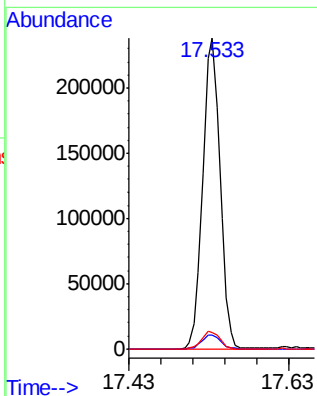
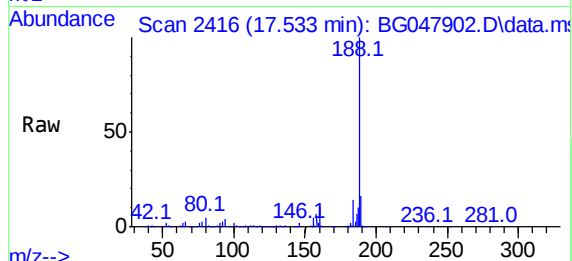




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.533 min Scan# 2416
Delta R.T. -0.000 min
Lab File: BG047902.D
Acq: 9 Jan 2021 1:25

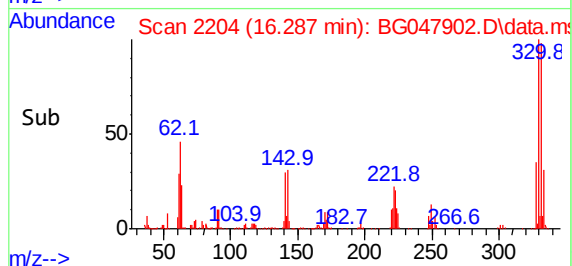
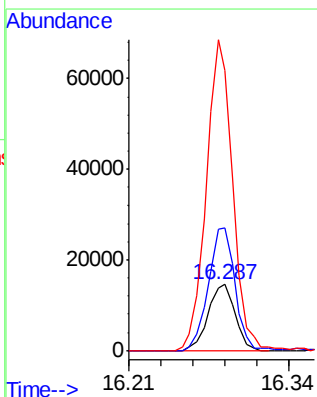
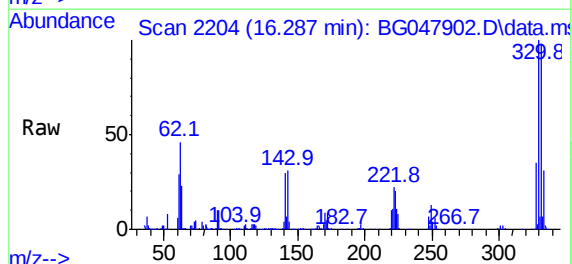
Instrument :
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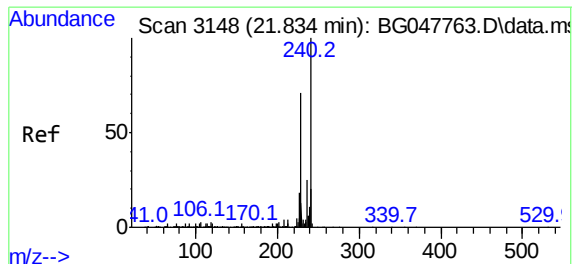
Tgt Ion:188 Resp: 359710
Ion Ratio Lower Upper
188 100
94 4.4 6.3 9.5#
80 5.4 7.0 10.6#



#67
4-Bromophenyl-phenylether
Concen: 4.61 ng
RT: 16.287 min Scan# 2204
Delta R.T. -0.429 min
Lab File: BG047902.D
Acq: 9 Jan 2021 1:25

Tgt Ion:248 Resp: 22293
Ion Ratio Lower Upper
248 100
250 186.6 78.9 118.3#
141 426.1 46.2 69.4#

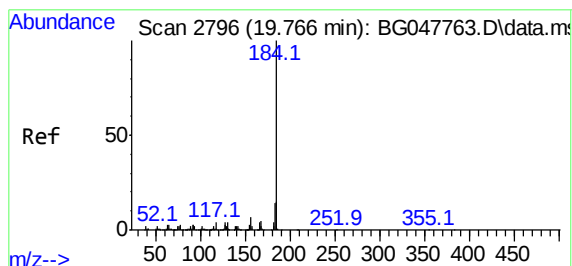
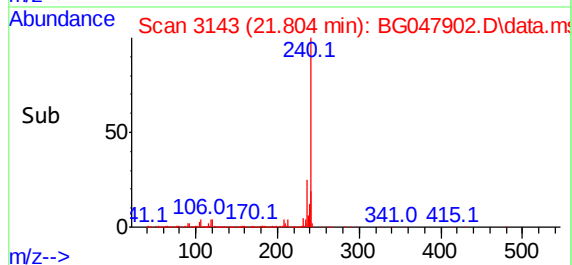
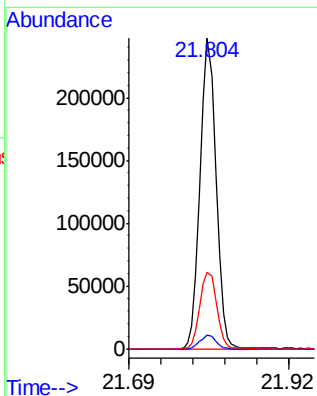
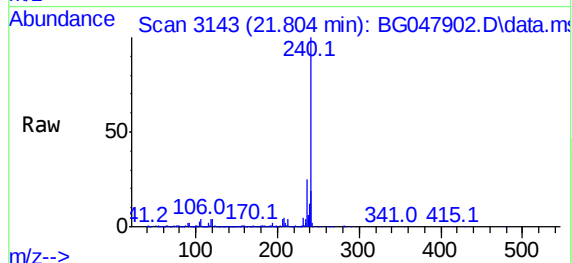




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.804 min Scan# 3143
Delta R.T. -0.006 min
Lab File: BG047902.D
Acq: 9 Jan 2021 1:25

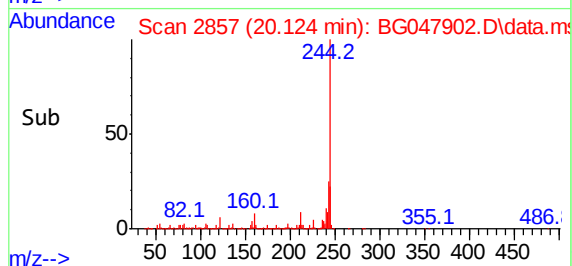
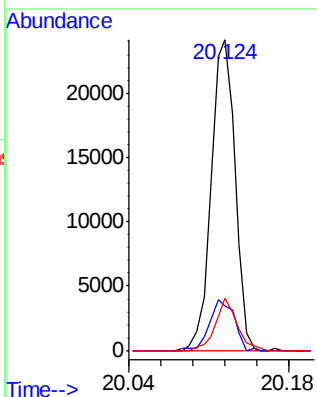
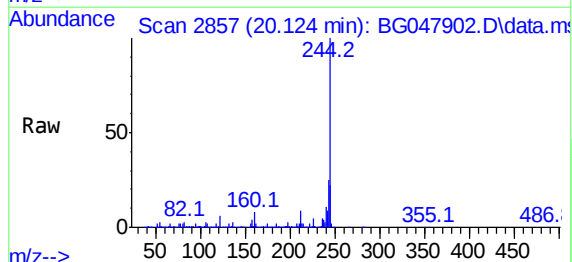
Instrument :
BNA_G
ClientSampleId :
TP-12

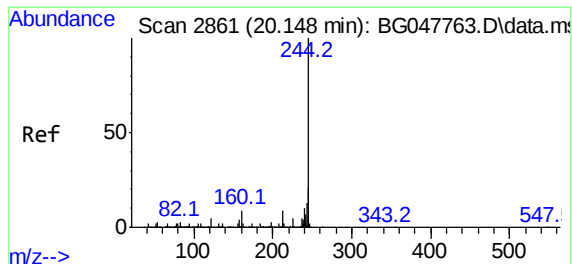
Tgt Ion:240 Resp: 397639
Ion Ratio Lower Upper
240 100
120 4.4 6.2 9.4#
236 24.8 20.5 30.7



#77
Benzidine
Concen: 3.09 ng
RT: 20.124 min Scan# 2857
Delta R.T. 0.376 min
Lab File: BG047902.D
Acq: 9 Jan 2021 1:25

Tgt Ion:184 Resp: 33054
Ion Ratio Lower Upper
184 100
185 14.4 12.4 18.6
183 16.8 10.6 15.8#

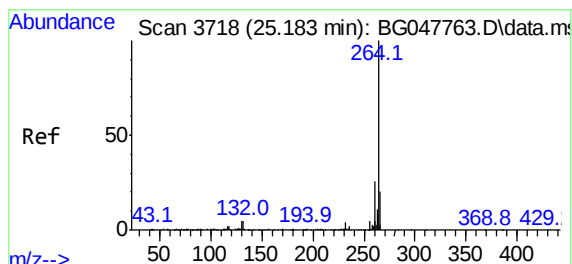
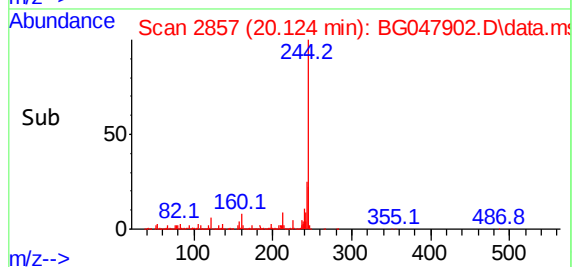
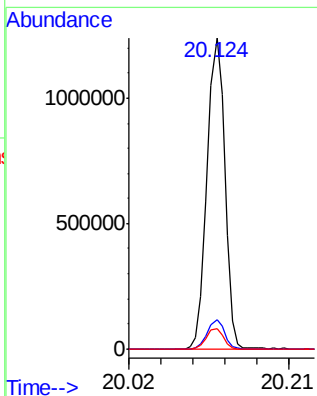
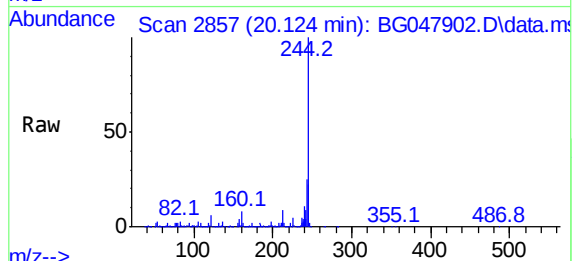




#79
Terphenyl-d14
Concen: 69.42 ng
RT: 20.124 min Scan# 2857
Delta R.T. -0.000 min
Lab File: BG047902.D
Acq: 9 Jan 2021 1:25

Instrument :
BNA_G
ClientSampleId :
TP-12

Tgt Ion:244 Resp: 1675198
Ion Ratio Lower Upper
244 100
212 9.2 6.7 10.1
122 6.4 7.8 11.6#



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.136 min Scan# 3710
Delta R.T. -0.000 min
Lab File: BG047902.D
Acq: 9 Jan 2021 1:25

Tgt Ion:264 Resp: 393912
Ion Ratio Lower Upper
264 100
260 24.4 18.8 28.2
265 23.0 17.8 26.8

