

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010621\
 Data File : BG047881.D
 Acq On : 6 Jan 2021 18:23
 Operator : CG/JU
 Sample : M1010-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MT

Quant Time: Jan 06 23:58:35 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 17 15:55:16 2020
 Response via : Initial Calibration

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

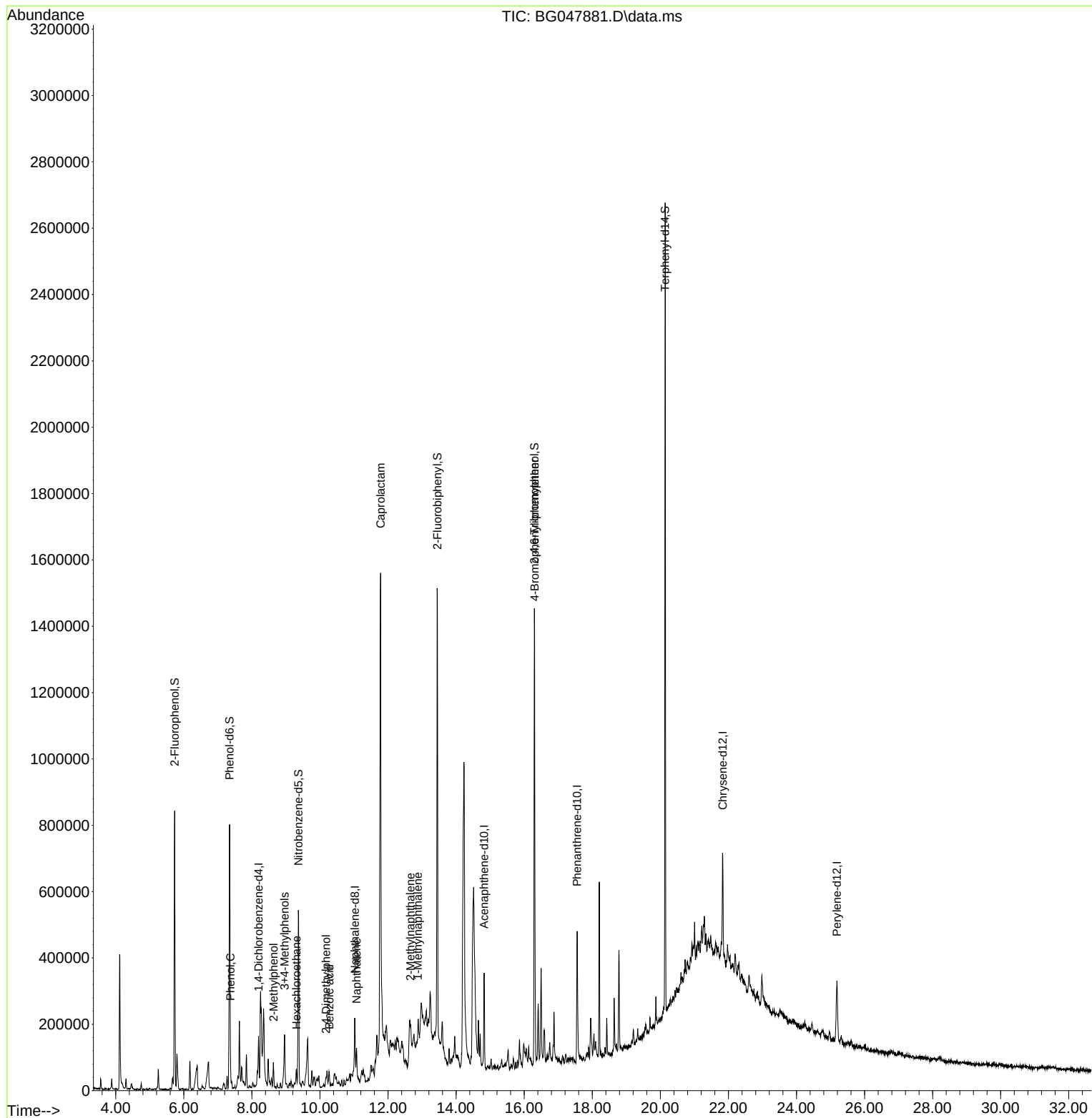
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.197	152	34889	20.00	ng	0.00
21) Naphthalene-d8	11.023	136	133777	20.00	ng	# 0.00
39) Acenaphthene-d10	14.824	164	105095	20.00	ng	0.00
64) Phenanthrene-d10	17.557	188	237149	20.00	ng	# 0.00
76) Chrysene-d12	21.834	240	192953	20.00	ng	# 0.00
86) Perylene-d12	25.189	264	201071	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.729	112	305967	151.71	ng	0.00
7) Phenol-d6	7.345	99	389615	132.15	ng	0.00
23) Nitrobenzene-d5	9.366	82	312342	85.88	ng	0.00
42) 2,4,6-Tribromophenol	16.299	330	253370	141.22	ng	0.00
45) 2-Fluorobiphenyl	13.450	172	686137	84.48	ng	0.00
79) Terphenyl-d14	20.142	244	1016357	86.80	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.368	94	18111	6.78	ng	# 69
17) 2-Methylphenol	8.638	107	18526	9.82	ng	# 81
18) Hexachloroethane	9.313	117	2253	2.08	ng	# 1
20) 3+4-Methylphenols	8.961	107	29832	11.55	ng	81
27) 2,4-Dimethylphenol	10.177	122	5697	2.91	ng	# 78
31) Naphthalene	11.076	128	53273	7.25	ng	97
32) Benzoic acid	10.277	122	11706	11.40	ng	# 77
35) Caprolactam	11.781	113	86990	107.60	ng	# 1
37) 2-Methylnaphthalene	12.662	142	32488	5.70	ng	# 73
38) 1-Methylnaphthalene	12.880	142	12562	2.33	ng	# 66
67) 4-Bromophenyl-phenylether	16.305	248	17927	5.63	ng	# 1

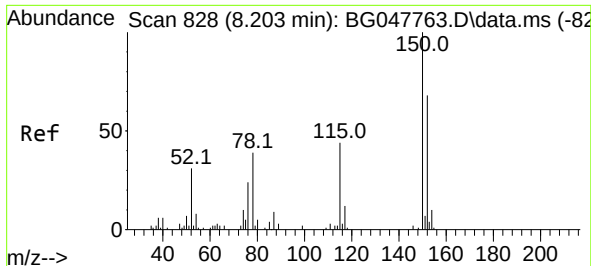
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Dec 17 15:55:16 2020
Response via : Initial Calibration

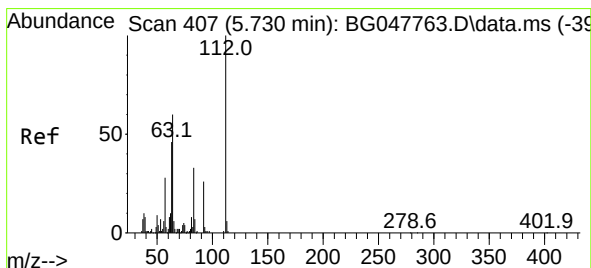
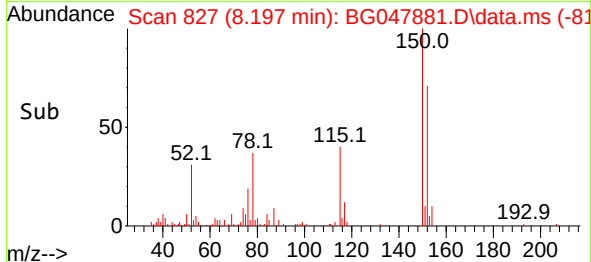
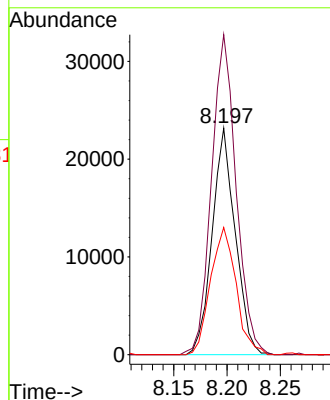
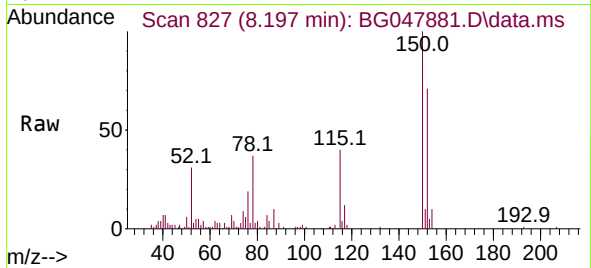




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.197 min Scan# 827
Delta R.T. -0.006 min
Lab File: BG047881.D
Acq: 6 Jan 2021 18:23

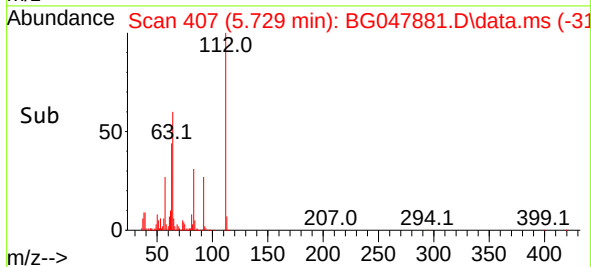
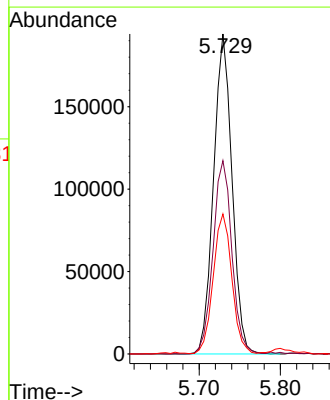
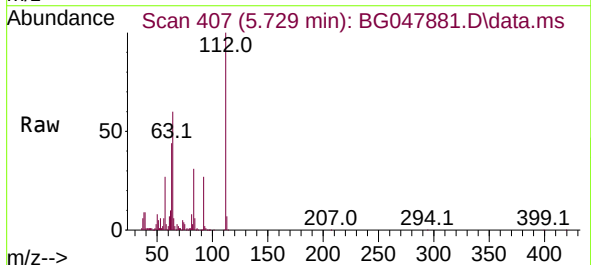
Instrument :
BNA_G
ClientSampleId :
MT

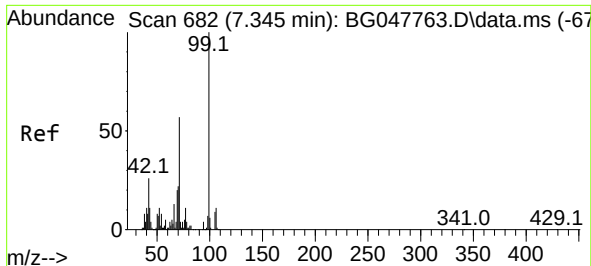
Tgt Ion:152 Resp: 34889
Ion Ratio Lower Upper
152 100
150 141.2 125.0 187.6
115 56.2 41.8 62.6



#5
2-Fluorophenol
Concen: 151.71 ng
RT: 5.729 min Scan# 407
Delta R.T. -0.000 min
Lab File: BG047881.D
Acq: 6 Jan 2021 18:23

Tgt Ion:112 Resp: 305967
Ion Ratio Lower Upper
112 100
64 60.4 46.7 70.1
63 43.8 22.8 34.2#

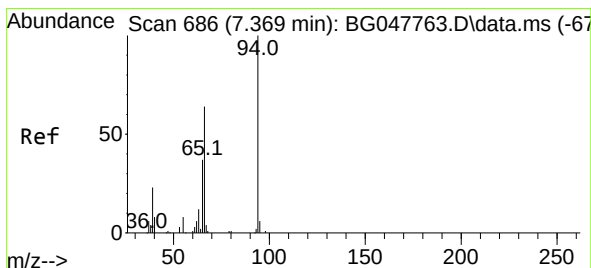
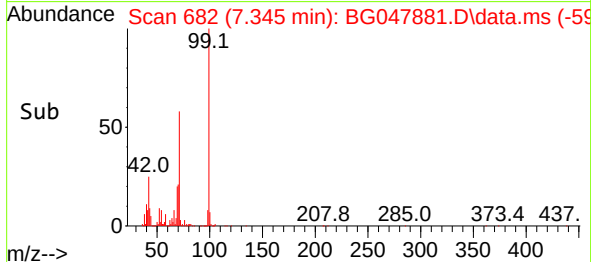
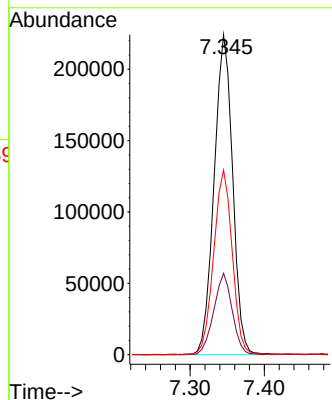
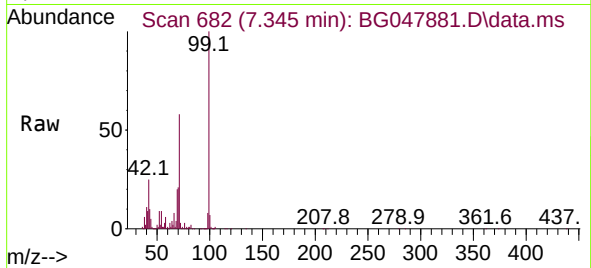




#7
Phenol-d6
Concen: 132.15 ng
RT: 7.345 min Scan# 682
Delta R.T. -0.000 min
Lab File: BG047881.D
Acq: 6 Jan 2021 18:23

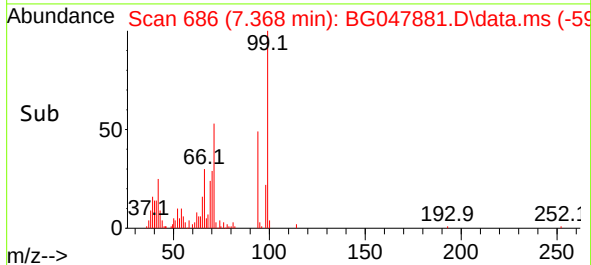
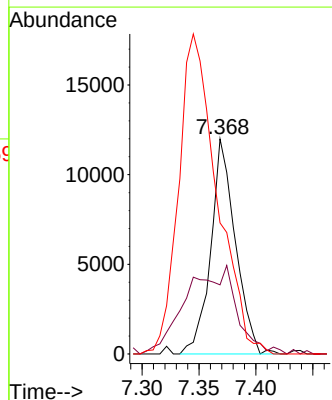
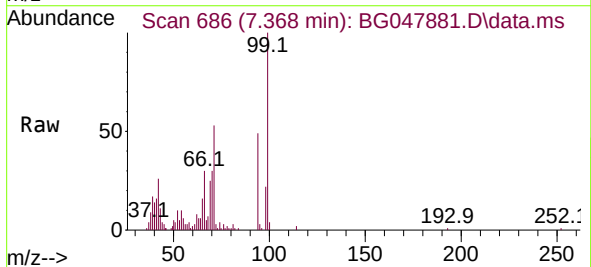
Instrument :
BNA_G
ClientSampleId :
MT

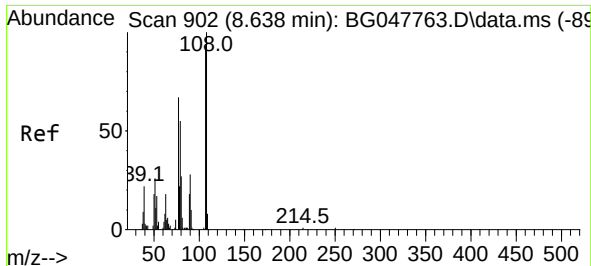
Tgt Ion: 99 Resp: 389615
Ion Ratio Lower Upper
99 100
42 25.4 12.8 19.2#
71 57.7 24.6 36.8#



#10
Phenol
Concen: 6.78 ng
RT: 7.368 min Scan# 686
Delta R.T. -0.000 min
Lab File: BG047881.D
Acq: 6 Jan 2021 18:23

Tgt Ion: 94 Resp: 18111
Ion Ratio Lower Upper
94 100
65 32.1 6.6 46.6
66 60.9 13.9 53.9#

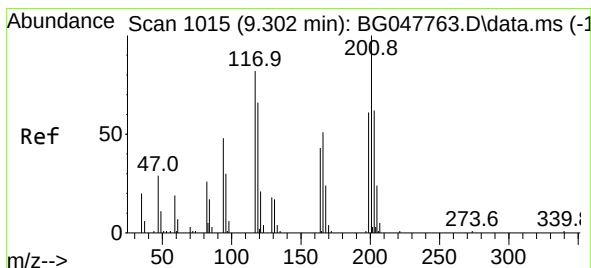
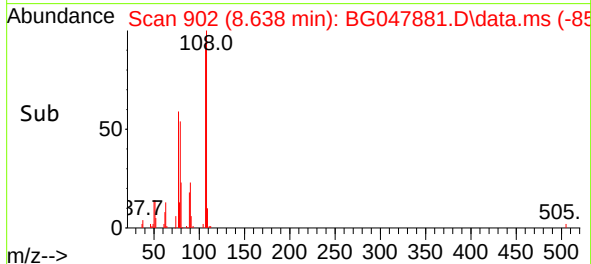
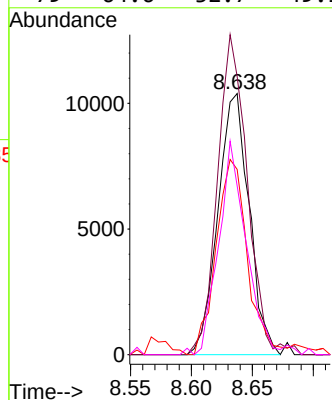
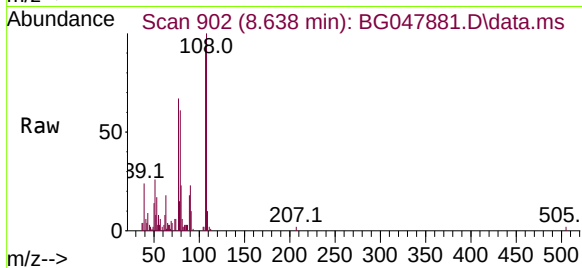




#17
2-Methylphenol
Concen: 9.82 ng
RT: 8.638 min Scan# 902
Delta R.T. -0.000 min
Lab File: BG047881.D
Acq: 6 Jan 2021 18:23

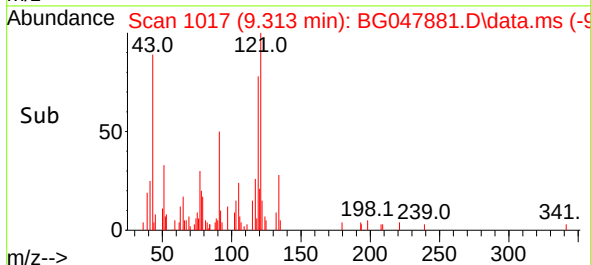
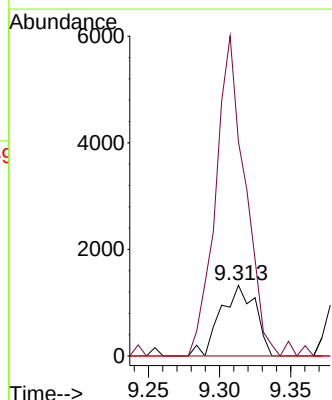
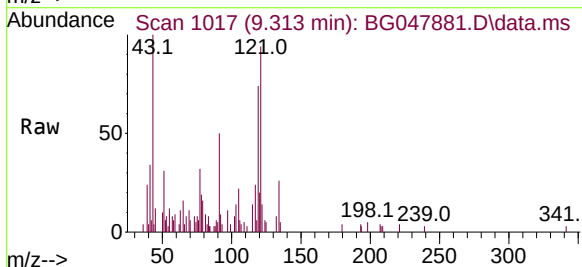
Instrument :
BNA_G
ClientSampleId :
MT

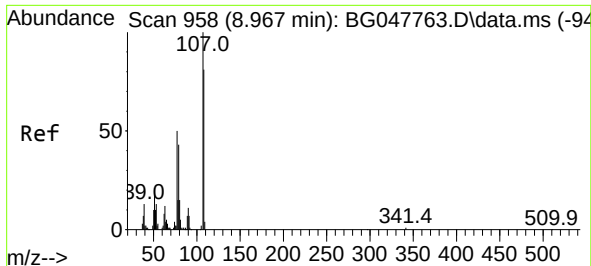
Tgt Ion:	107	Resp:	18526
Ion	Ratio	Lower	Upper
107	100		
108	106.5	87.2	130.8
77	70.9	33.8	50.8#
79	64.6	32.7	49.1#



#18
Hexachloroethane
Concen: 2.08 ng
RT: 9.313 min Scan# 1017
Delta R.T. 0.011 min
Lab File: BG047881.D
Acq: 6 Jan 2021 18:23

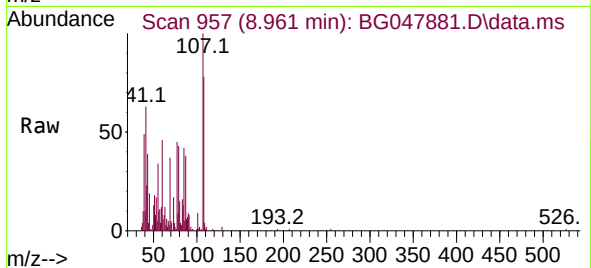
Tgt Ion:	117	Resp:	2253
Ion	Ratio	Lower	Upper
117	100		
119	302.9	77.5	116.3#
201	0.0	104.9	157.3#



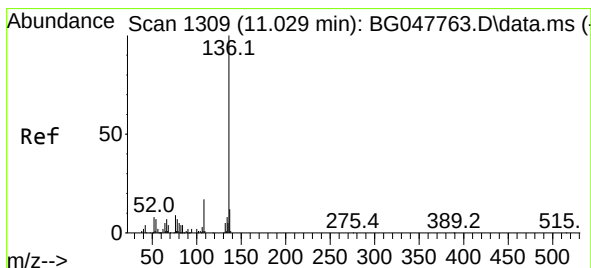
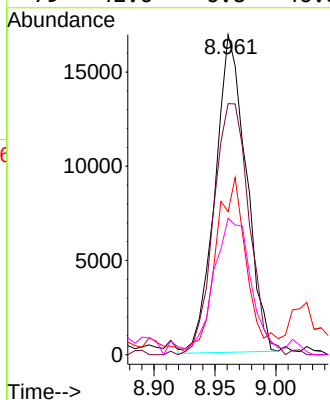
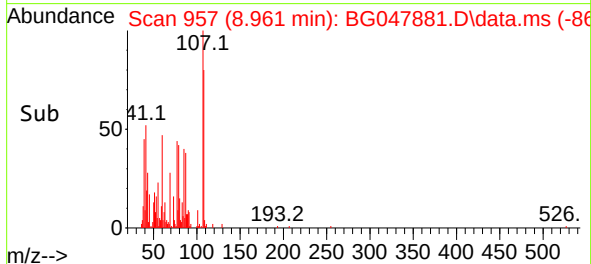


#20
3+4-Methylphenols
Concen: 11.55 ng
RT: 8.961 min Scan# 957
Delta R.T. -0.006 min
Lab File: BG047881.D
Acq: 6 Jan 2021 18:23

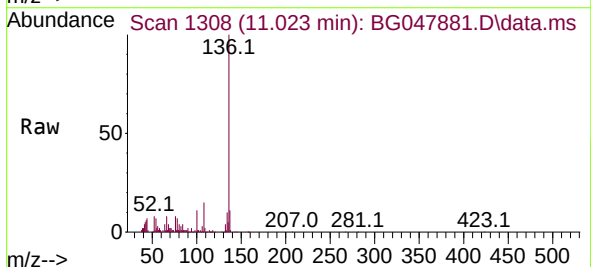
Instrument :
BNA_G
ClientSampleId :
MT



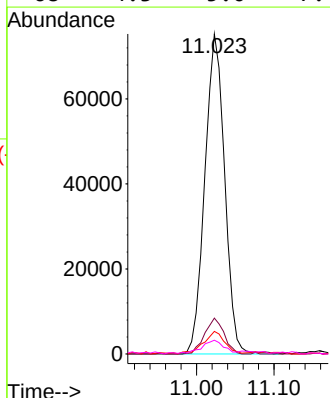
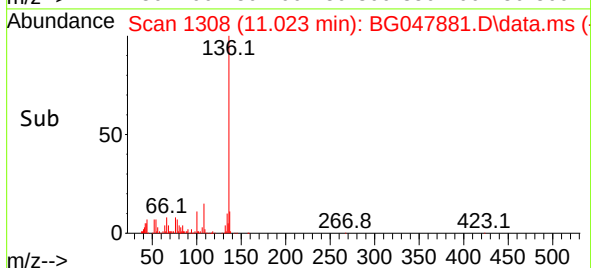
Tgt Ion:107	Resp:	29832
Ion Ratio	Lower	Upper
107	100	
108	78.5	70.6 110.6
77	44.7	10.2 50.2
79	42.6	6.8 46.8

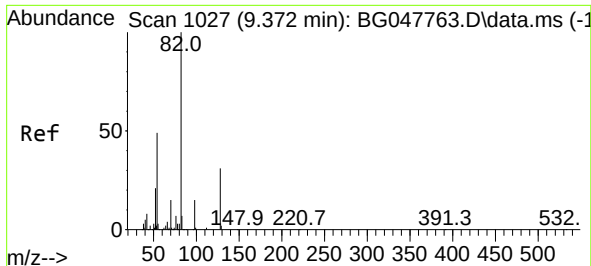


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.023 min Scan# 1308
Delta R.T. -0.006 min
Lab File: BG047881.D
Acq: 6 Jan 2021 18:23



Tgt Ion:136	Resp:	133777
Ion Ratio	Lower	Upper
136	100	
137	11.2	9.1 13.7
54	7.0	6.2 9.4
68	4.3	5.0 7.4

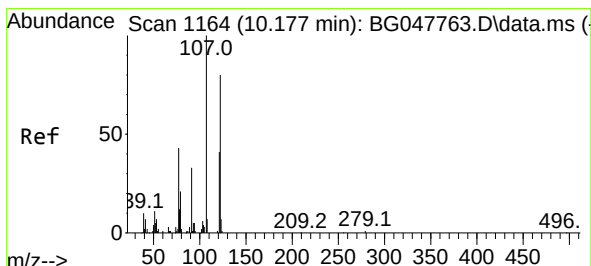
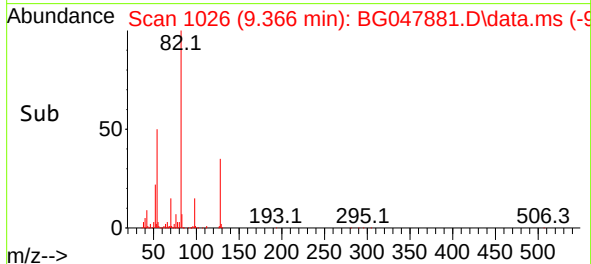
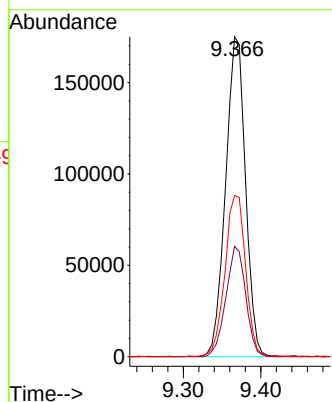
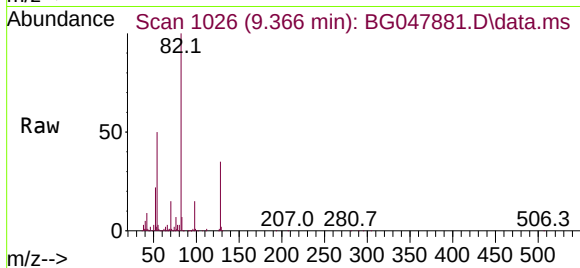




#23
Nitrobenzene-d5
Concen: 85.88 ng
RT: 9.366 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BG047881.D
Acq: 6 Jan 2021 18:23

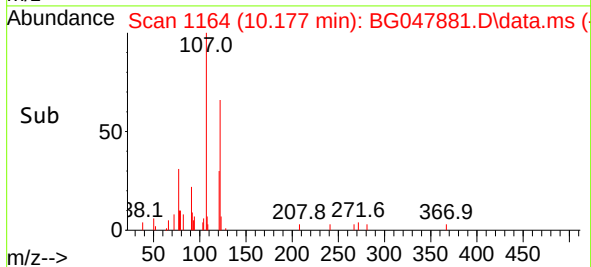
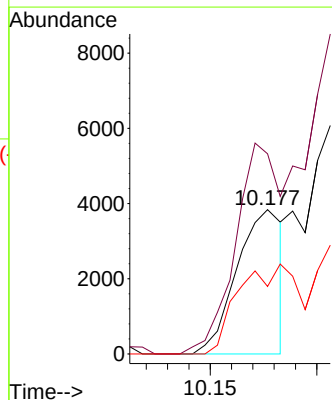
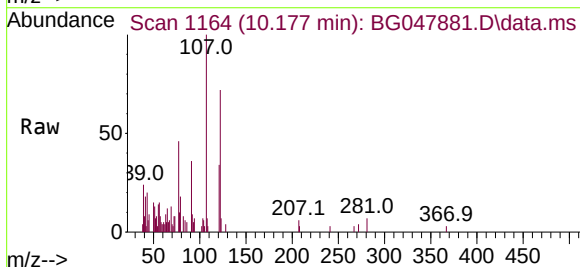
Instrument :
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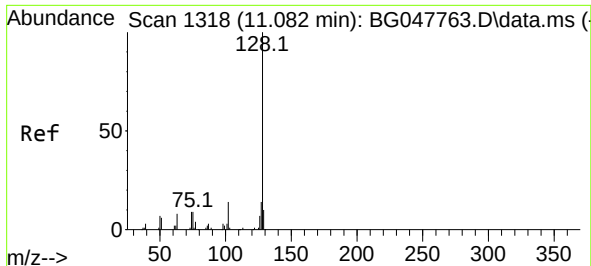
Tgt Ion: 82 Resp: 312342
Ion Ratio Lower Upper
82 100
128 34.5 37.0 55.6#
54 50.3 39.0 58.4



#27
2,4-Dimethylphenol
Concen: 2.91 ng
RT: 10.177 min Scan# 1164
Delta R.T. -0.000 min
Lab File: BG047881.D
Acq: 6 Jan 2021 18:23

Tgt Ion: 122 Resp: 5697
Ion Ratio Lower Upper
122 100
107 138.8 89.2 133.8#
121 46.8 46.9 70.3#

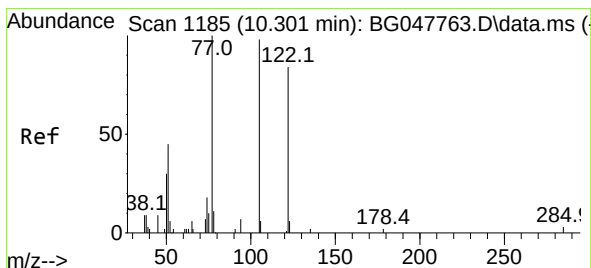
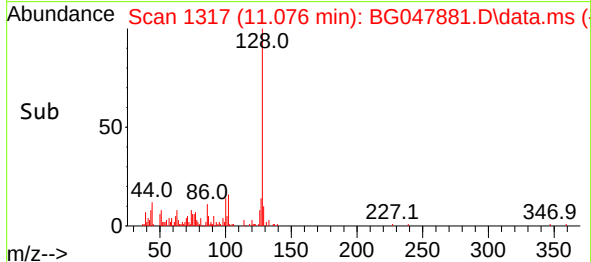
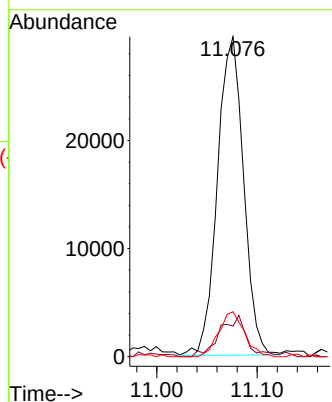
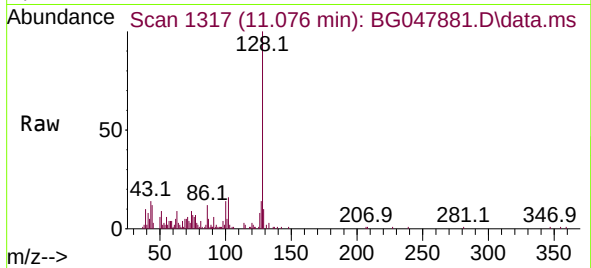




#31
Naphthalene
Concen: 7.25 ng
RT: 11.076 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BG047881.D
Acq: 6 Jan 2021 18:23

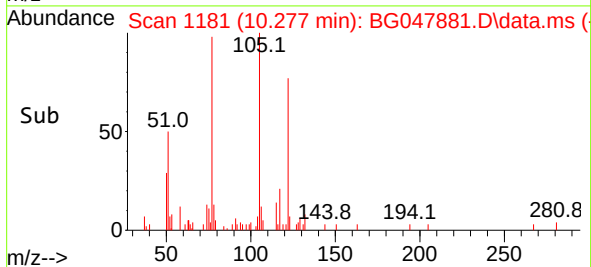
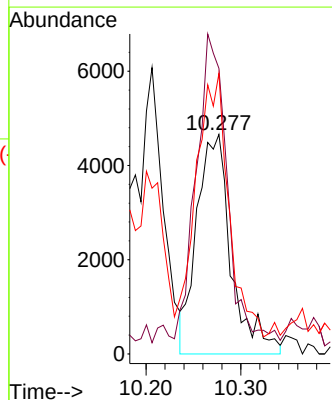
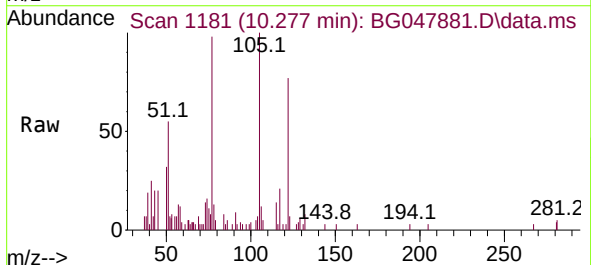
Instrument :
BNA_G
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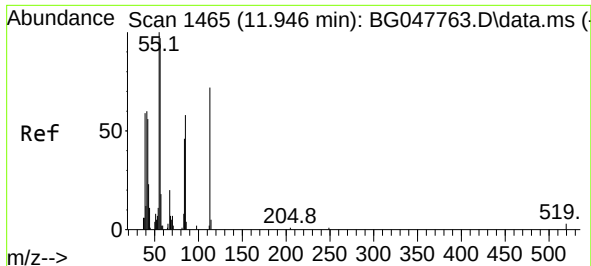
Tgt Ion:128	Resp: 53273
Ion Ratio	Lower Upper
128 100	
129 9.6	9.0 13.6
127 14.1	11.0 16.4



#32
Benzoic acid
Concen: 11.40 ng
RT: 10.277 min Scan# 1181
Delta R.T. -0.024 min
Lab File: BG047881.D
Acq: 6 Jan 2021 18:23

Tgt Ion:122	Resp: 11706
Ion Ratio	Lower Upper
122 100	
105 130.1	103.7 143.7
77 127.8	63.0 103.0#

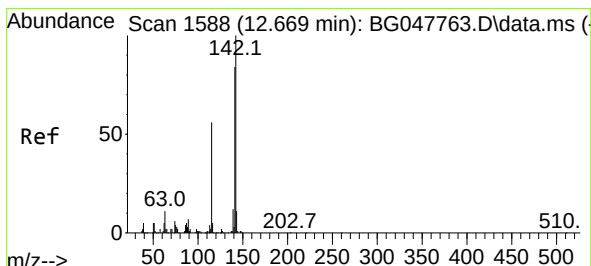
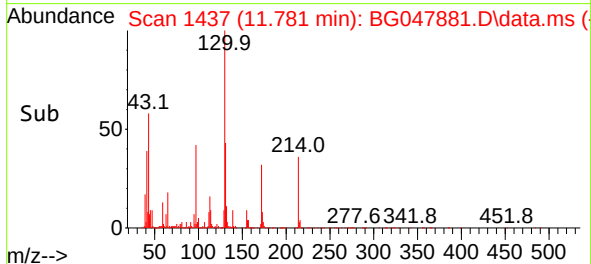
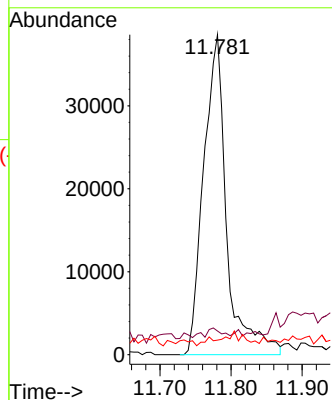
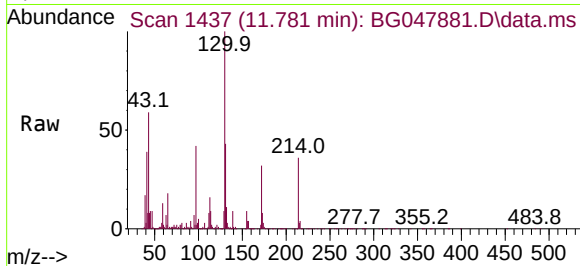




#35
Caprolactam
Concen: 107.60 ng
RT: 11.781 min Scan# 1437
Delta R.T. -0.165 min
Lab File: BG047881.D
Acq: 6 Jan 2021 18:23

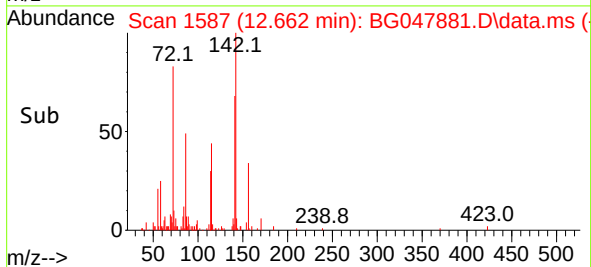
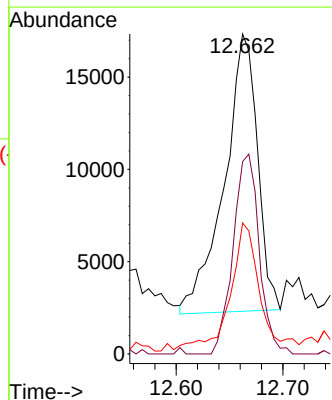
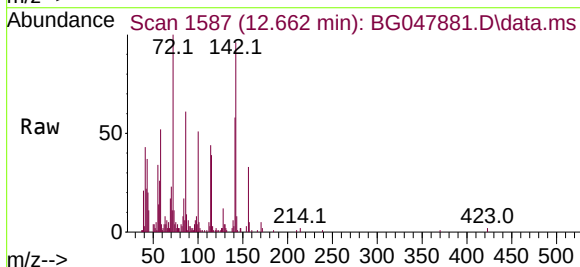
Instrument :
BNA_G
ClientSampleId :
MT

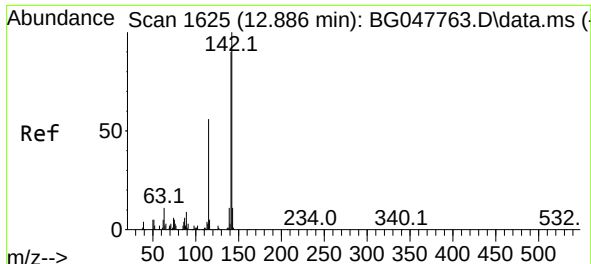
Tgt Ion:113 Resp: 86990
Ion Ratio Lower Upper
113 100
55 7.4 149.2 189.2#
56 4.5 107.2 147.2#



#37
2-Methylnaphthalene
Concen: 5.70 ng
RT: 12.662 min Scan# 1587
Delta R.T. -0.006 min
Lab File: BG047881.D
Acq: 6 Jan 2021 18:23

Tgt Ion:142 Resp: 32488
Ion Ratio Lower Upper
142 100
141 60.1 71.6 107.4#
115 41.0 25.4 38.2#

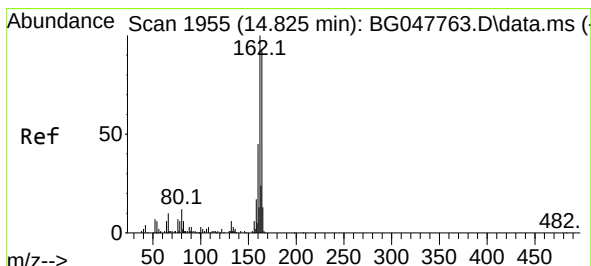
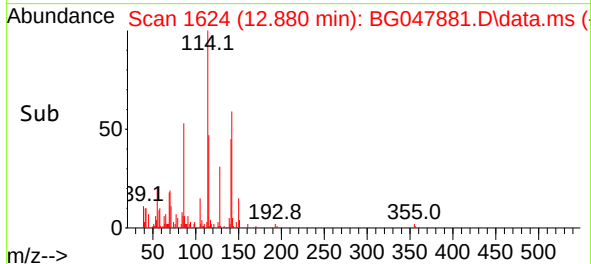
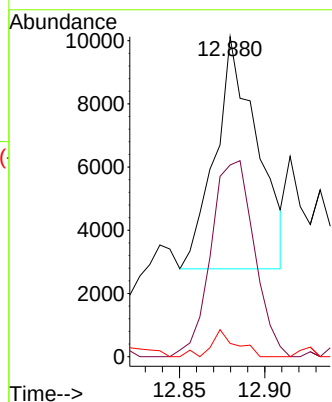
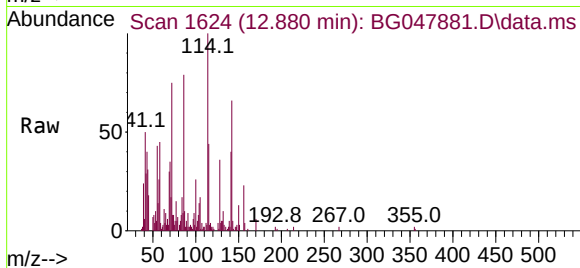




#38
1-Methylnaphthalene
Concen: 2.33 ng
RT: 12.880 min Scan# 1624
Delta R.T. -0.006 min
Lab File: BG047881.D
Acq: 6 Jan 2021 18:23

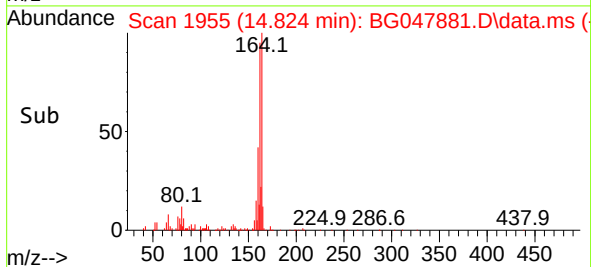
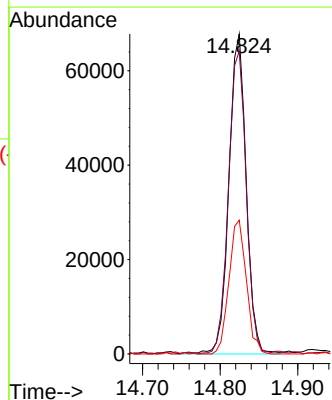
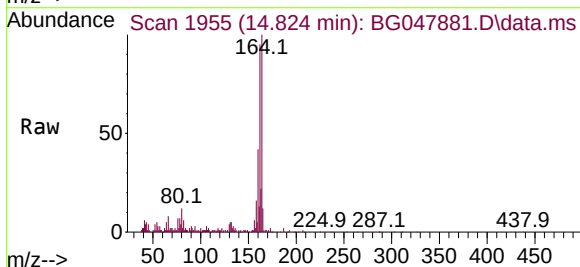
Instrument :
BNA_G
ClientSampleId :
MT

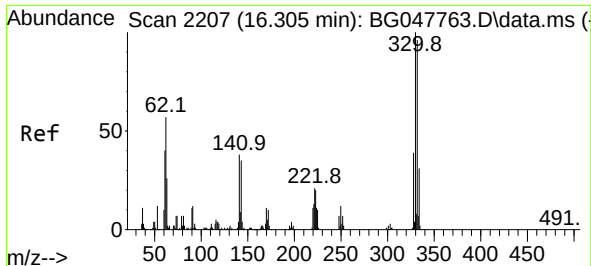
Tgt Ion:142 Resp: 12562
Ion Ratio Lower Upper
142 100
141 59.9 75.4 113.2#
116 4.1 2.9 4.3



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.824 min Scan# 1955
Delta R.T. -0.000 min
Lab File: BG047881.D
Acq: 6 Jan 2021 18:23

Tgt Ion:164 Resp: 105095
Ion Ratio Lower Upper
164 100
162 94.7 82.3 123.5
160 41.8 35.3 52.9

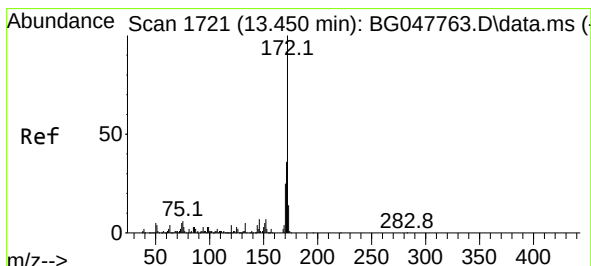
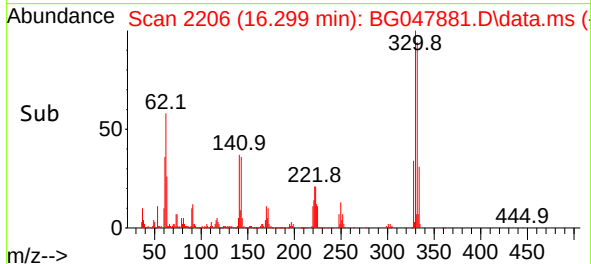
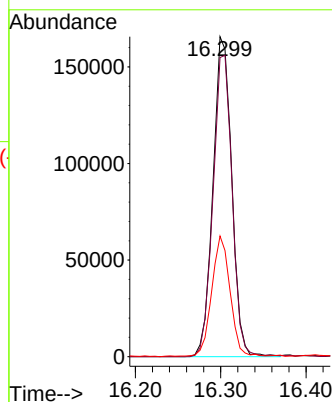
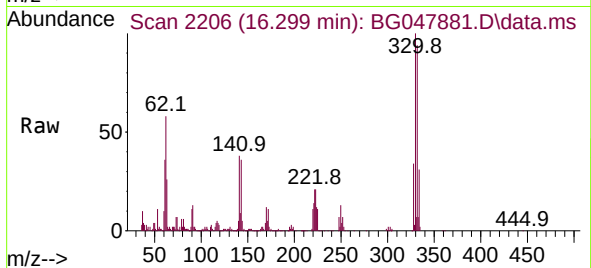




#42
2,4,6-Tribromophenol
Concen: 141.22 ng
RT: 16.299 min Scan# 2206
Delta R.T. -0.006 min
Lab File: BG047881.D
Acq: 6 Jan 2021 18:23

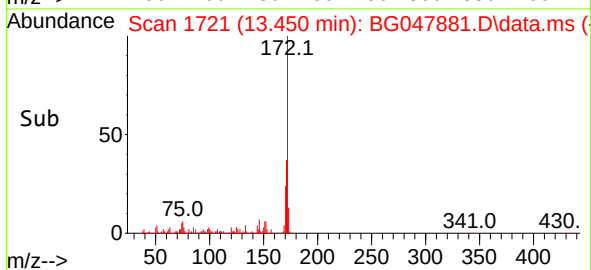
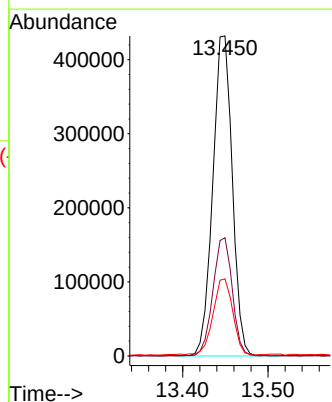
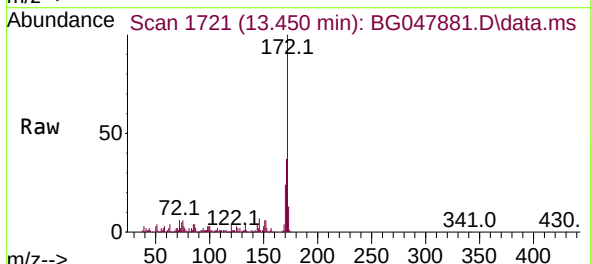
Instrument :
BNA_G
ClientSampleId :
MT

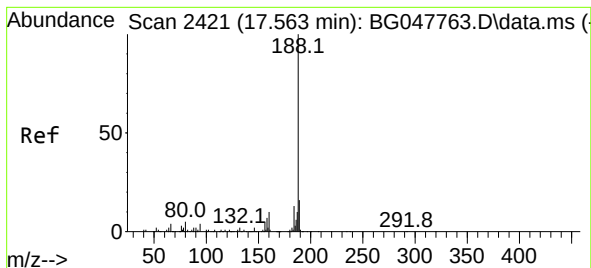
Tgt Ion:330 Resp: 253370
Ion Ratio Lower Upper
330 100
332 95.6 76.5 114.7
141 36.2 26.0 39.0



#45
2-Fluorobiphenyl
Concen: 84.48 ng
RT: 13.450 min Scan# 1721
Delta R.T. -0.000 min
Lab File: BG047881.D
Acq: 6 Jan 2021 18:23

Tgt Ion:172 Resp: 686137
Ion Ratio Lower Upper
172 100
171 36.9 31.3 46.9
170 24.1 20.8 31.2

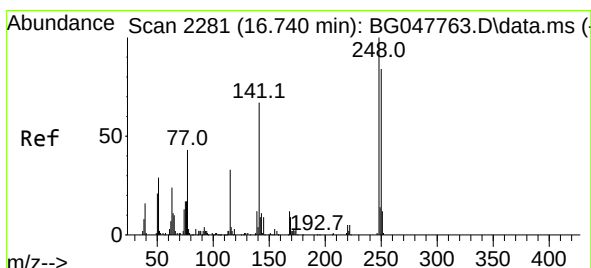
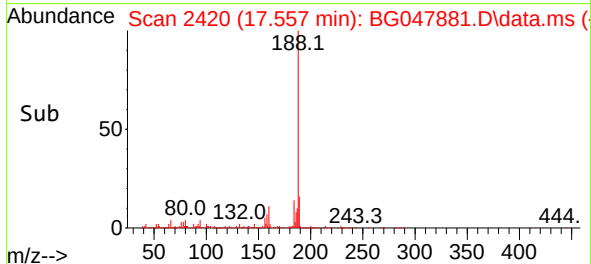
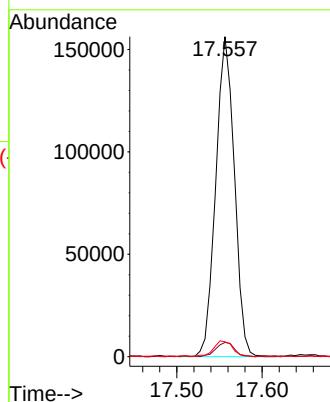
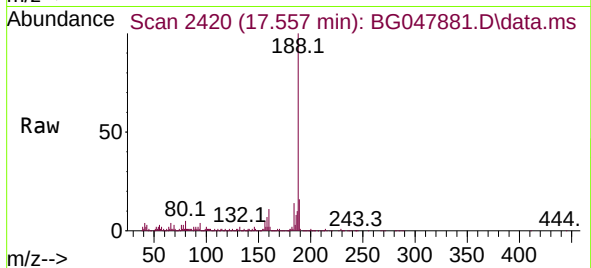




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.557 min Scan# 2420
Delta R.T. -0.006 min
Lab File: BG047881.D
Acq: 6 Jan 2021 18:23

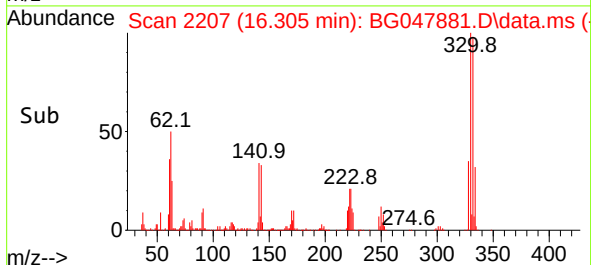
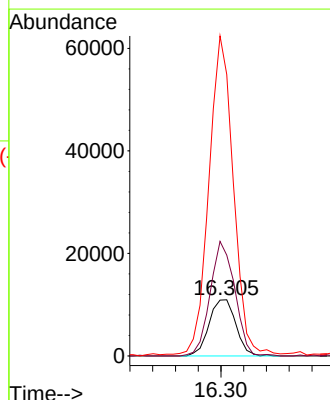
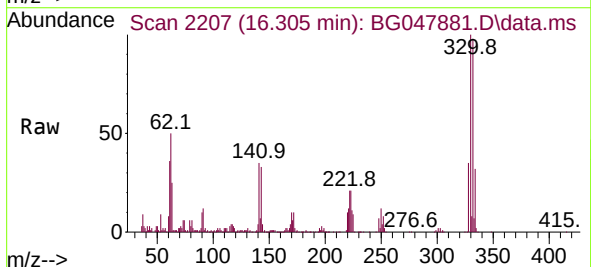
Instrument :
BNA_G
ClientSampleId :
MT

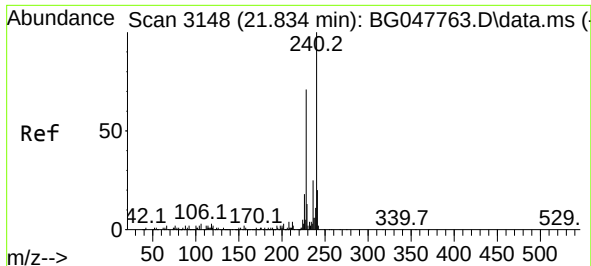
Tgt Ion:188 Resp: 237149
Ion Ratio Lower Upper
188 100
94 4.5 6.3 9.5#
80 4.7 7.0 10.6#



#67
4-Bromophenyl-phenylether
Concen: 5.63 ng
RT: 16.305 min Scan# 2207
Delta R.T. -0.435 min
Lab File: BG047881.D
Acq: 6 Jan 2021 18:23

Tgt Ion:248 Resp: 17927
Ion Ratio Lower Upper
248 100
250 179.3 78.9 118.3#
141 500.6 46.2 69.4#

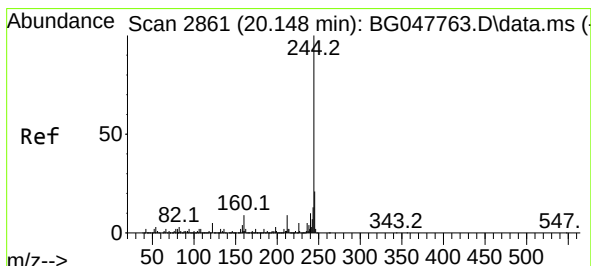
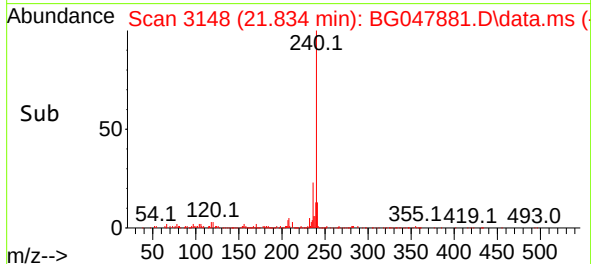
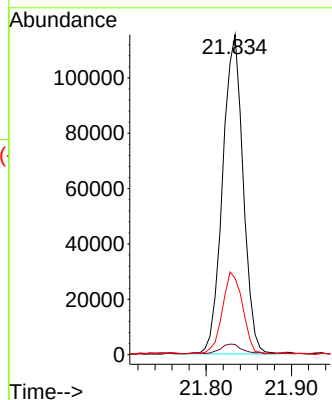
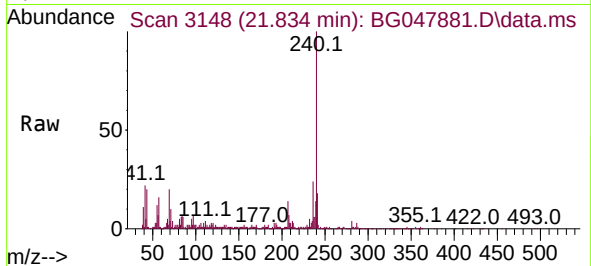




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.834 min Scan# 3148
Delta R.T. -0.000 min
Lab File: BG047881.D
Acq: 6 Jan 2021 18:23

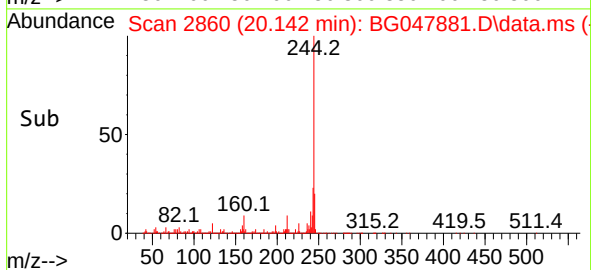
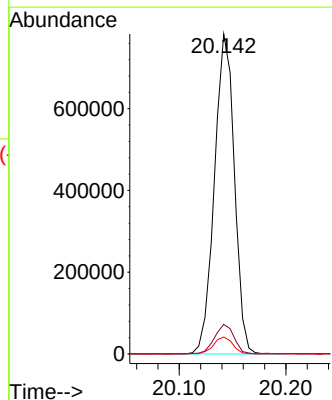
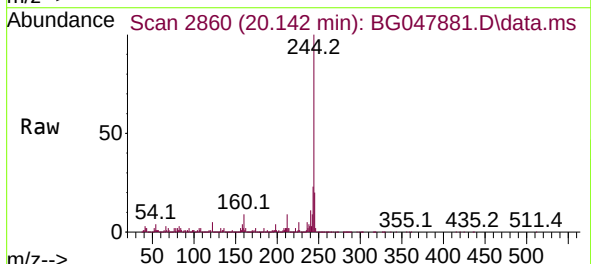
Instrument :
BNA_G
ClientSampleId :
MT

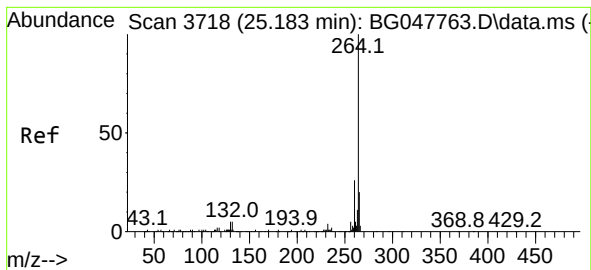
Tgt Ion:240 Resp: 192953
Ion Ratio Lower Upper
240 100
120 3.2 6.2 9.4#
236 23.8 20.5 30.7



#79
Terphenyl-d14
Concen: 86.80 ng
RT: 20.142 min Scan# 2860
Delta R.T. -0.006 min
Lab File: BG047881.D
Acq: 6 Jan 2021 18:23

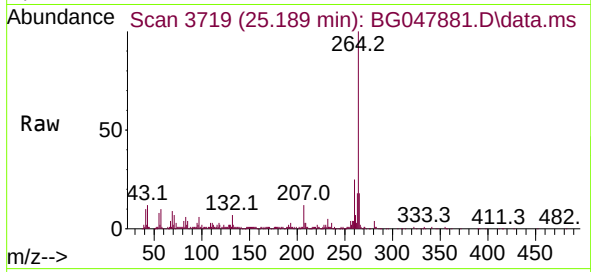
Tgt Ion:244 Resp: 1016357
Ion Ratio Lower Upper
244 100
212 9.3 6.7 10.1
122 5.3 7.8 11.6#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.189 min Scan# 3719
Delta R.T. 0.005 min
Lab File: BG047881.D
Acq: 6 Jan 2021 18:23

Instrument :
BNA_G
ClientSampleId :
MT



Tgt Ion:	264	Resp:	201071
Ion Ratio	Lower	Upper	
264	100		
260	25.4	18.8	28.2
265	18.5	17.8	26.8

