

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

Manual Integrations
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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
20) 3+4-Methylphenols	8.961	107	29832	11.55	ng	81
27) 2,4-Dimethylphenol	10.206	122	16282m	8.33	ng	
31) Naphthalene	11.076	128	53273	7.25	ng	97
32) Benzoic acid	10.277	122	11706	11.40	ng	# 77
37) 2-Methylnaphthalene	12.662	142	32488	5.70	ng	# 73
38) 1-Methylnaphthalene	12.880	142	12562	2.33	ng	# 66

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

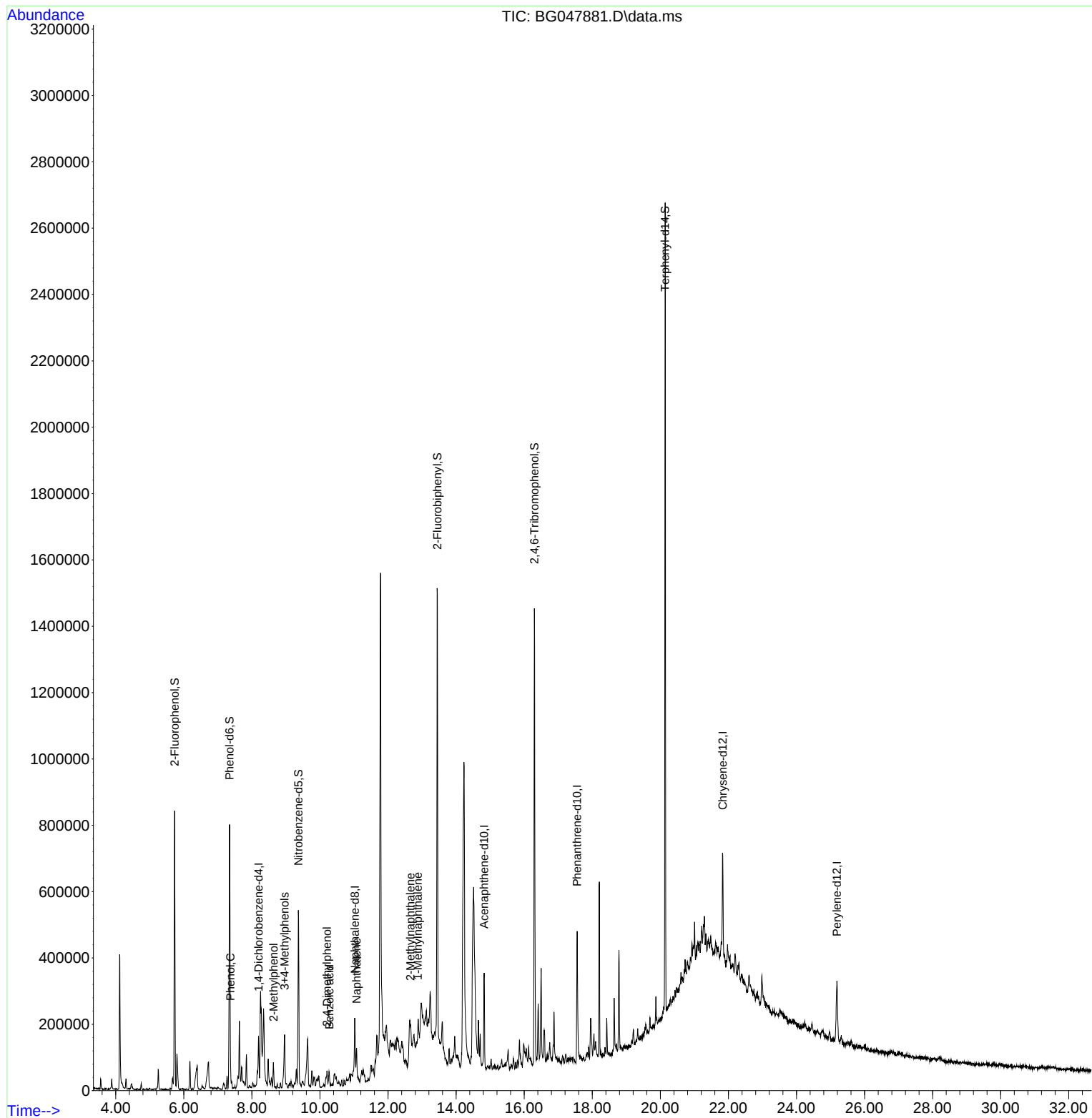
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Data File : BG047881.D
Acq On : 6 Jan 2021 18:23
Operator : CG/JU
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Misc :
ALS Vial : 6 Sample Multiplier: 1

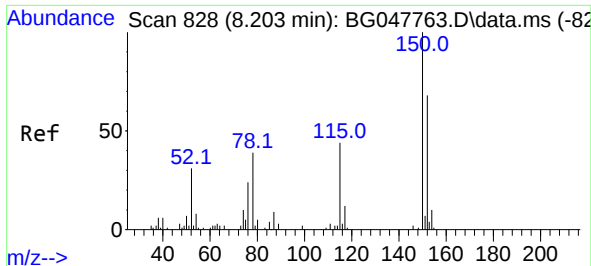
Instrument :
BNA_G
ClientSampleId :
MT

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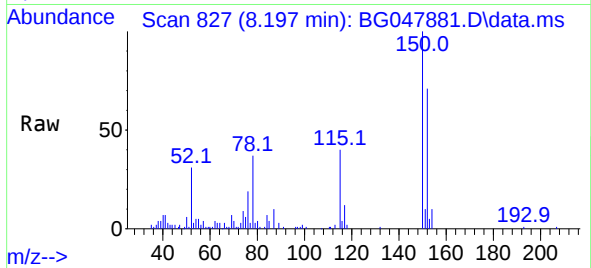
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Quant Time: Jan 06 23:58:35 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 17 15:55:16 2020
Response via : Initial Calibration

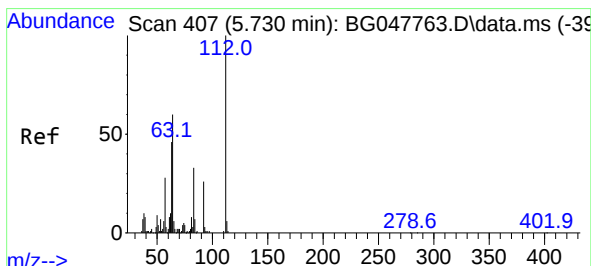
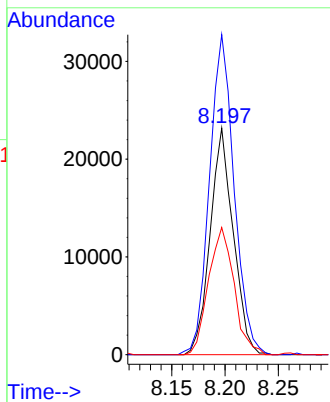
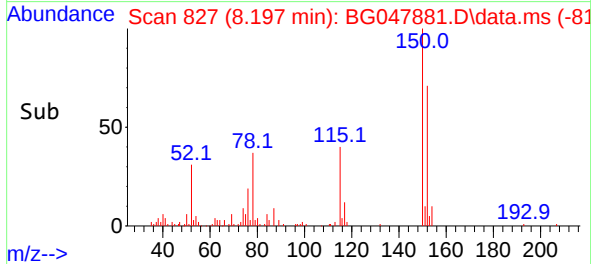




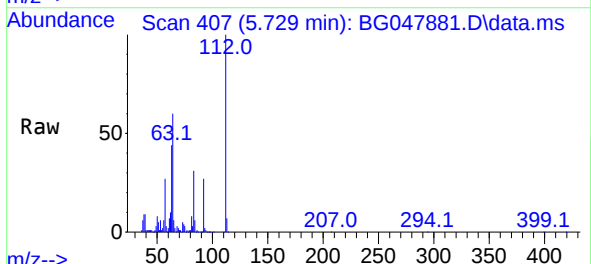
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.197 min Scan# 827
Delta R.T. -0.006 min
Lab File: BG047881.D
Acq: 6 Jan 2021 18:23



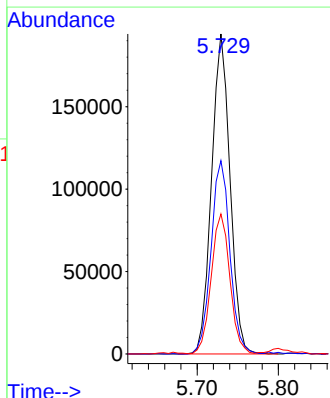
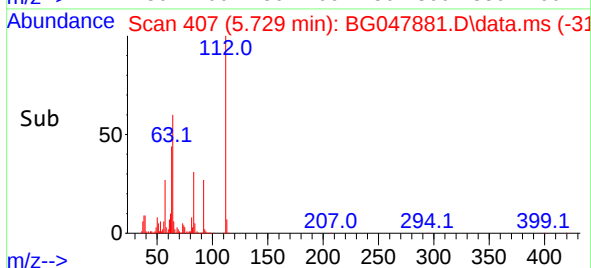
Tgt Ion:152 Resp: 34889
Ion Ratio Lower Upper
152 100
150 141.2 125.0 187.6
115 56.2 41.8 62.6



#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



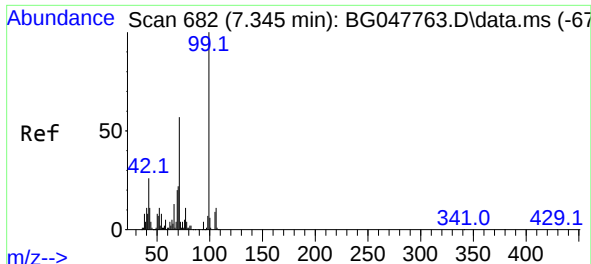
Tgt Ion:112 Resp: 305967
Ion Ratio Lower Upper
112 100
64 60.4 46.7 70.1
63 43.8 22.8 34.2#



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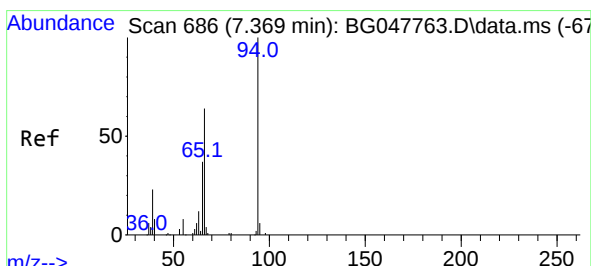
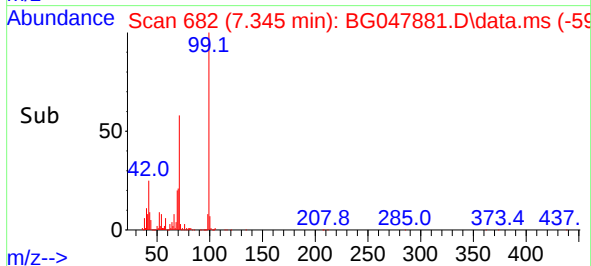
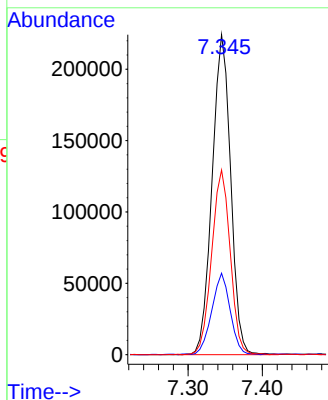
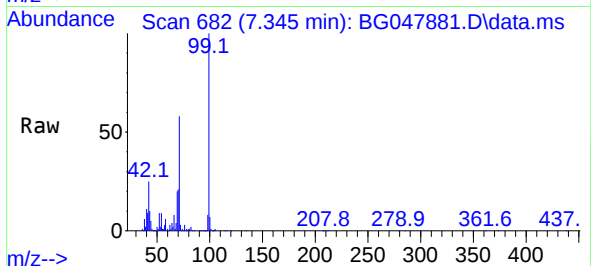
#7
Phenol-d6
Concen: 132.15 ng
RT: 7.345 min Scan# 682
Delta R.T. -0.000 min
Lab File: BG047881.D
Acq: 6 Jan 2021 18:23

Instrument :
BNA_G
ClientSampled :
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#

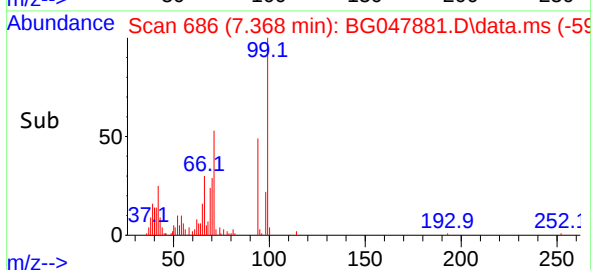
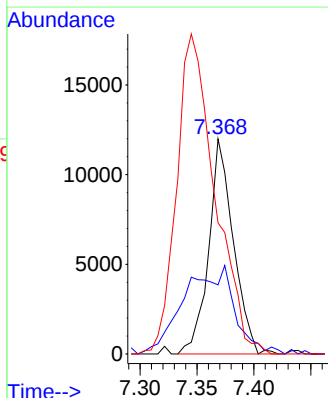
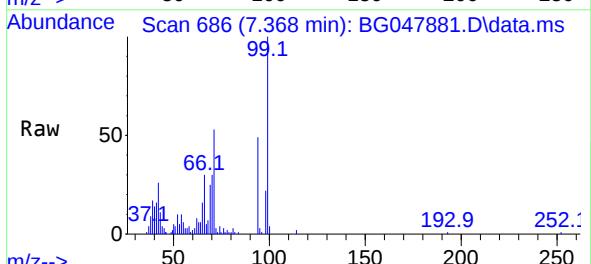
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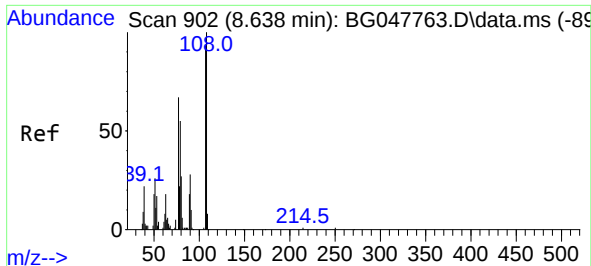
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#10
Phenol
Concen: 6.78 ng
RT: 7.368 min Scan# 686
Delta R.T. -0.000 min
Lab File: BG047881.D
Acq: 6 Jan 2021 18:23

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#





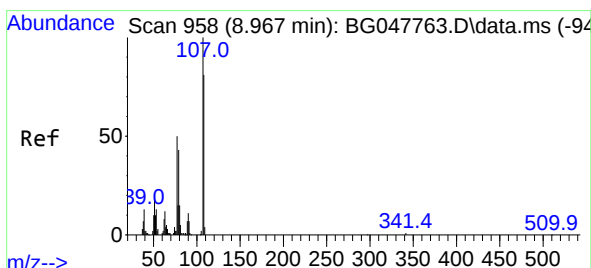
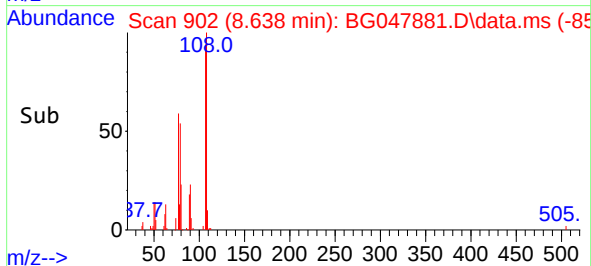
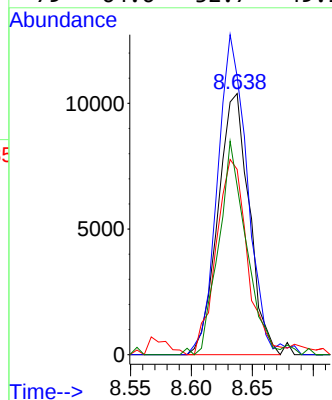
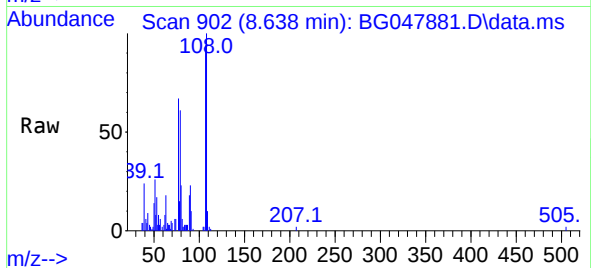
#17
2-Methylphenol
Concen: 9.82 ng
RT: 8.638 min Scan# 902
Delta R.T. -0.000 min
Lab File: BG047881.D
Acq: 6 Jan 2021 18:23

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#

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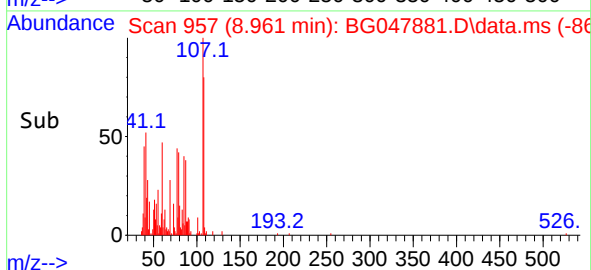
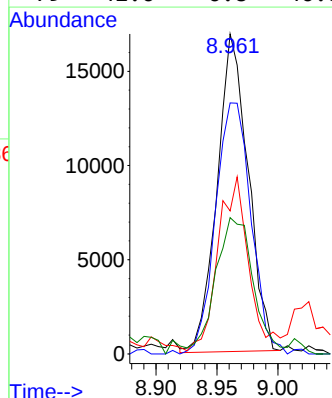
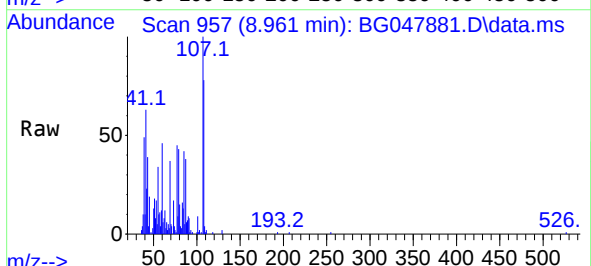
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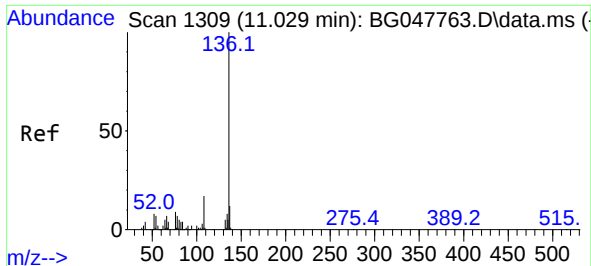
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#20
3+4-Methylphenols
Concen: 11.55 ng
RT: 8.961 min Scan# 957
Delta R.T. -0.006 min
Lab File: BG047881.D
Acq: 6 Jan 2021 18:23

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





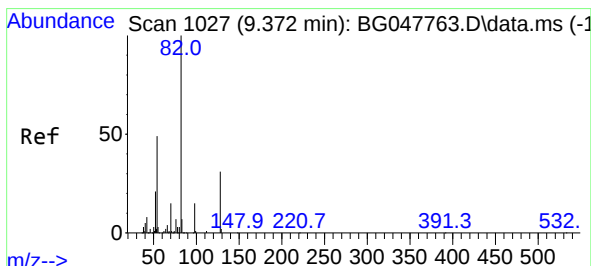
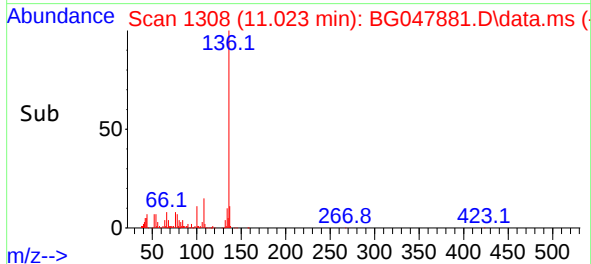
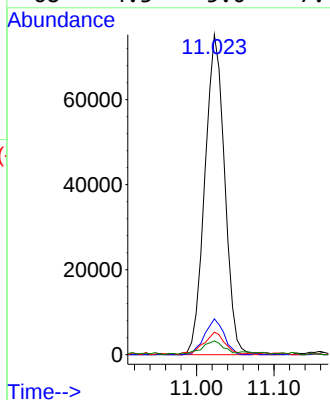
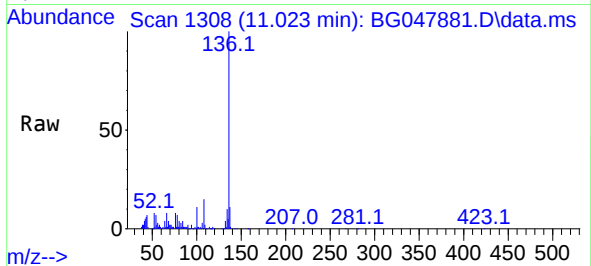
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.023 min Scan# 1308
Delta R.T. -0.006 min
Lab File: BG047881.D
Acq: 6 Jan 2021 18:23

Instrument :
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ClientSampleId :
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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#

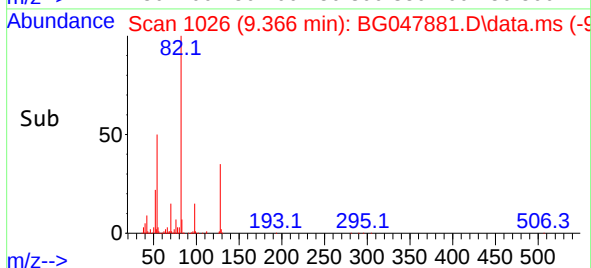
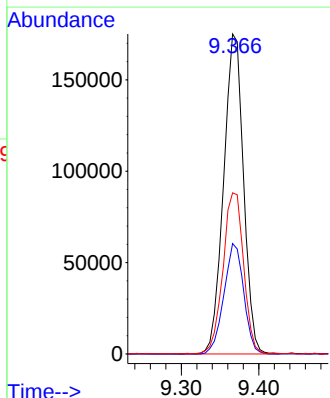
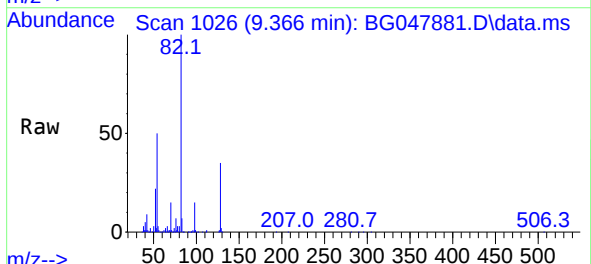
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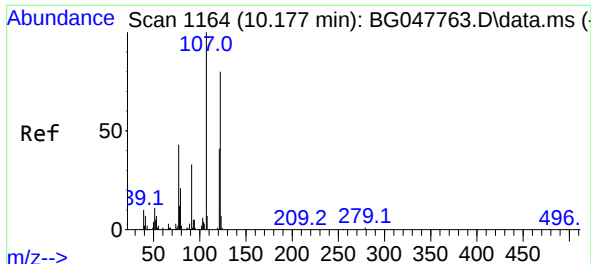
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#23
Nitrobenzene-d5
Concen: 85.88 ng
RT: 9.366 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BG047881.D
Acq: 6 Jan 2021 18:23

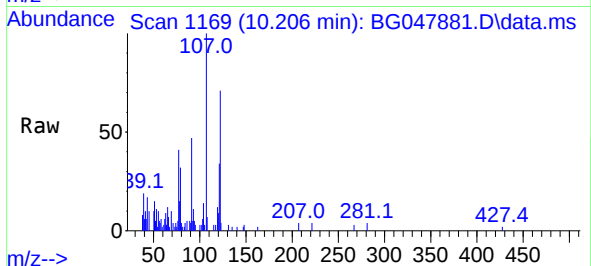
Tgt Ion:	82	Resp:	312342
Ion Ratio	Lower	Upper	
82	100		
128	34.5	37.0	55.6#
54	50.3	39.0	58.4





#27
2,4-Dimethylphenol
Concen: 8.33 ng m
RT: 10.206 min Scan# 1169
Delta R.T. 0.029 min
Lab File: BG047881.D
Acq: 6 Jan 2021 18:23

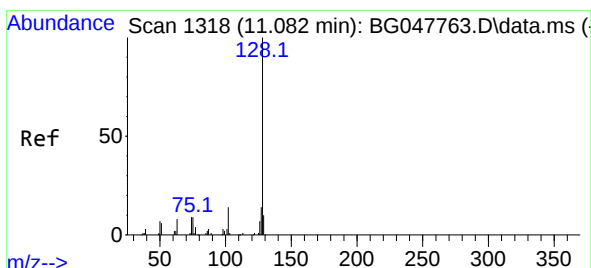
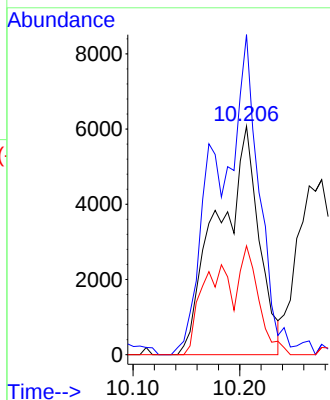
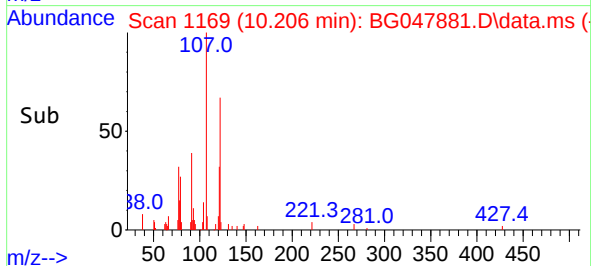
Instrument :
BNA_G
ClientSampled :
MT



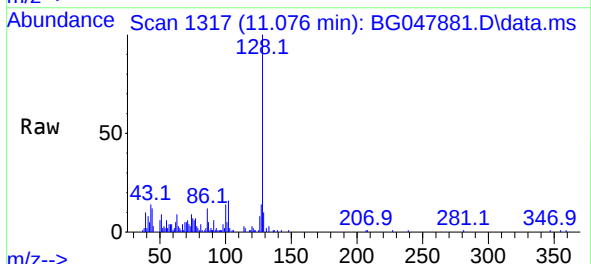
Tgt Ion:122 Resp: 16282
Ion Ratio Lower Upper
122 100
107 140.0 89.2 133.8#
121 47.6 46.9 70.3

Manual Integrations
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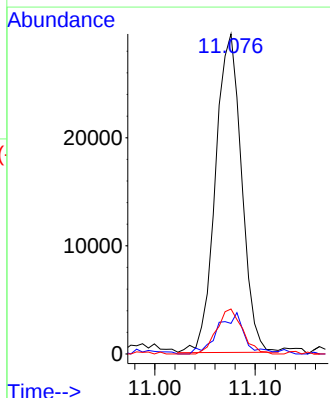
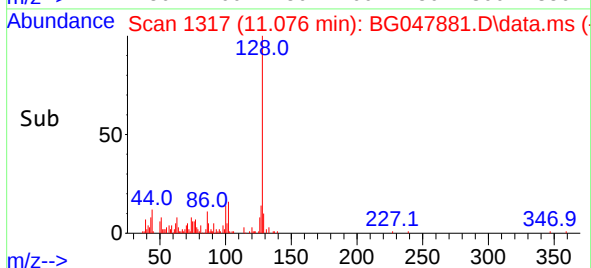
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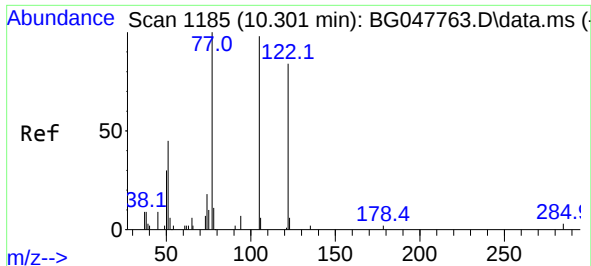


#31
Naphthalene
Concen: 7.25 ng
RT: 11.076 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BG047881.D
Acq: 6 Jan 2021 18:23



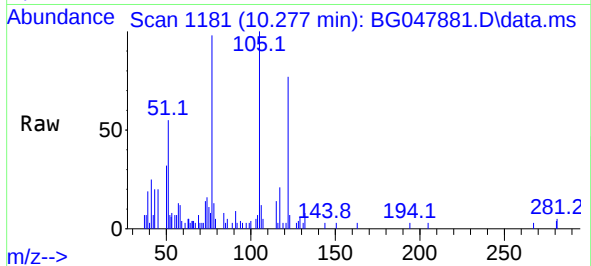
Tgt Ion:128 Resp: 53273
Ion Ratio Lower Upper
128 100
129 9.6 9.0 13.6
127 14.1 11.0 16.4



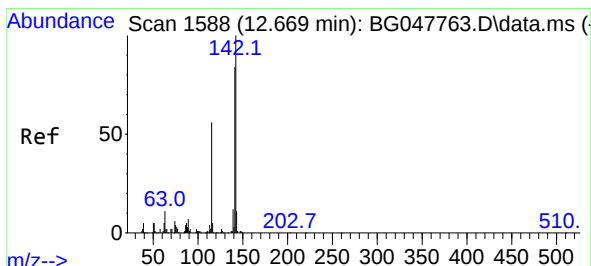
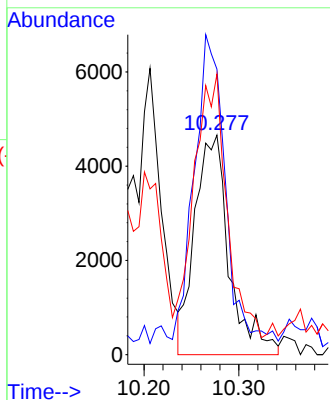
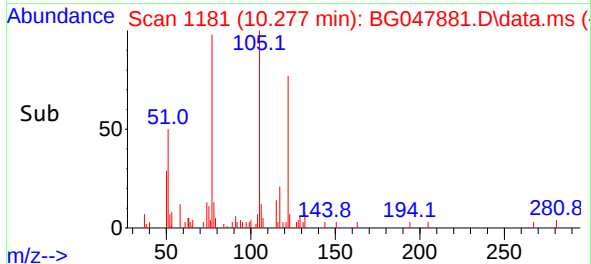


#32
Benzoic acid
Concen: 11.40 ng
RT: 10.277 min Scan# 1181
Delta R.T. -0.024 min
Lab File: BG047881.D
Acq: 6 Jan 2021 18:23

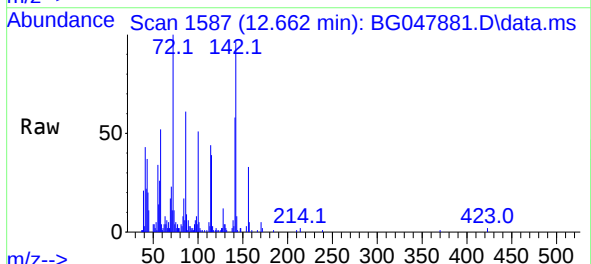
Instrument :
BNA_G
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MT



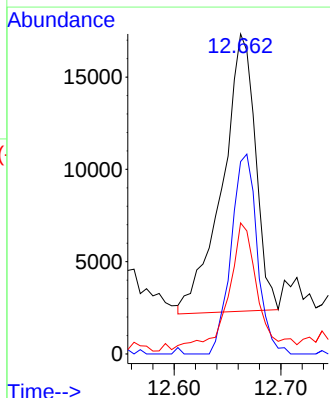
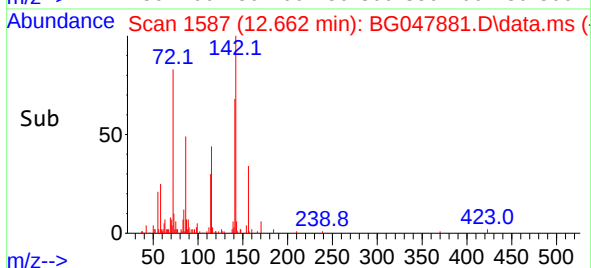
Tgt Ion:122 Resp: 11706
Ion Ratio Lower Upper
122 100
105 130.1 103.7 143.7
77 127.8 63.0 103.0#

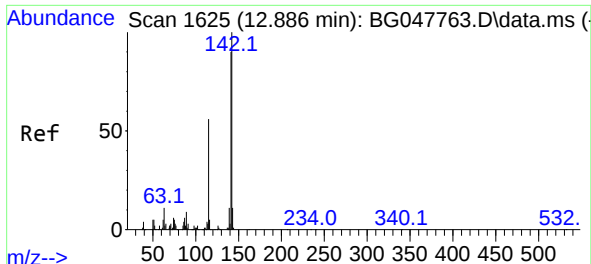


#37
2-Methylnaphthalene
Concen: 5.70 ng
RT: 12.662 min Scan# 1587
Delta R.T. -0.006 min
Lab File: BG047881.D
Acq: 6 Jan 2021 18:23



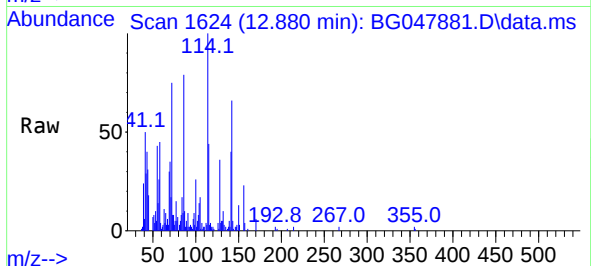
Tgt Ion:142 Resp: 32488
Ion Ratio Lower Upper
142 100
141 60.1 71.6 107.4#
115 41.0 25.4 38.2#





#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

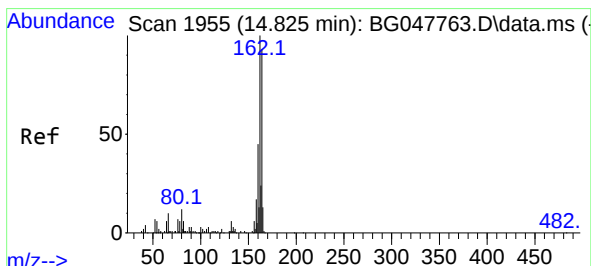
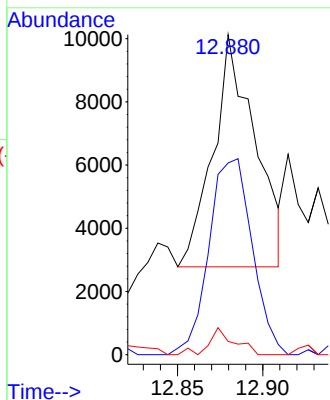
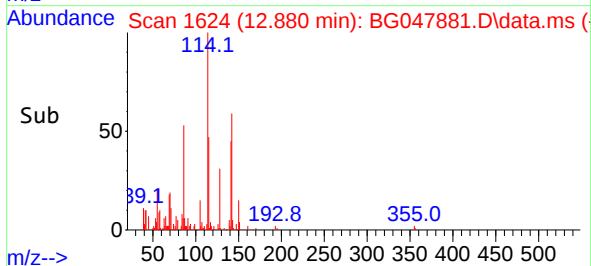
Instrument :
BNA_G
ClientSampled :
MT



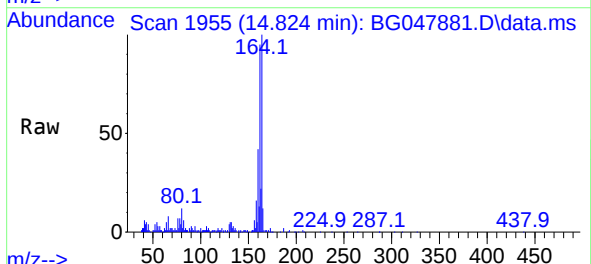
Tgt Ion:142 Resp: 12562
Ion Ratio Lower Upper
142 100
141 59.9 75.4 113.2#
116 4.1 2.9 4.3

Manual Integrations
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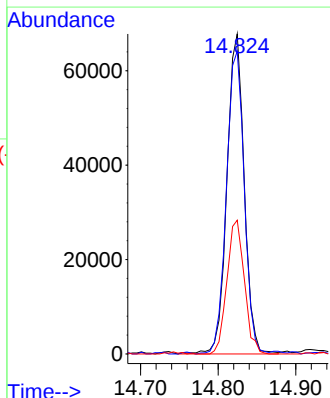
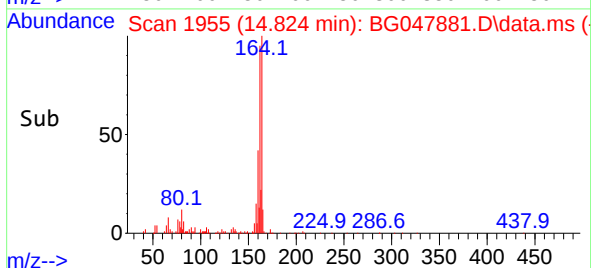
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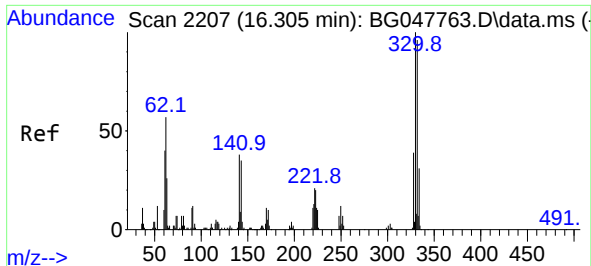


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.824 min Scan# 1955
Delta R.T. -0.000 min
Lab File: BG047881.D
Acq: 6 Jan 2021 18:23



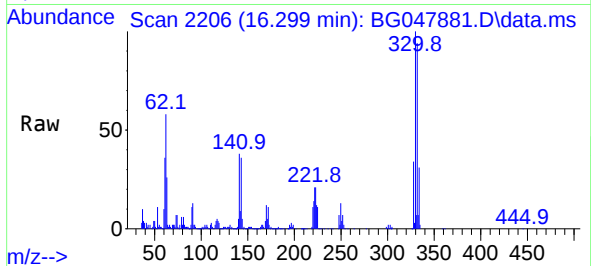
Tgt Ion:164 Resp: 105095
Ion Ratio Lower Upper
164 100
162 94.7 82.3 123.5
160 41.8 35.3 52.9





#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

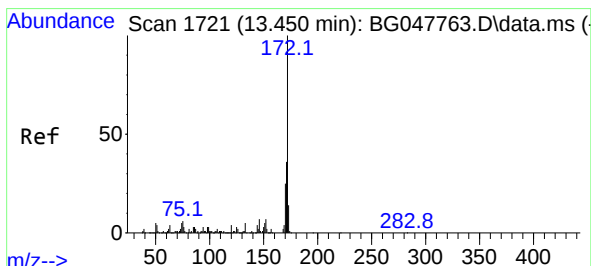
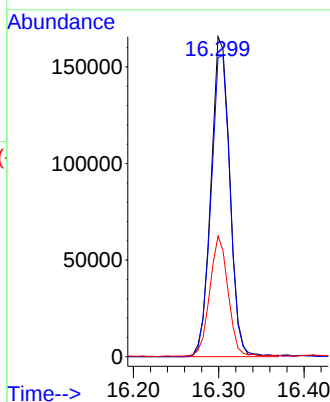
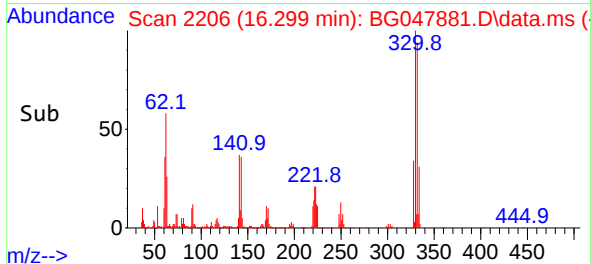
Instrument :
BNA_G
ClientSampled :
MT



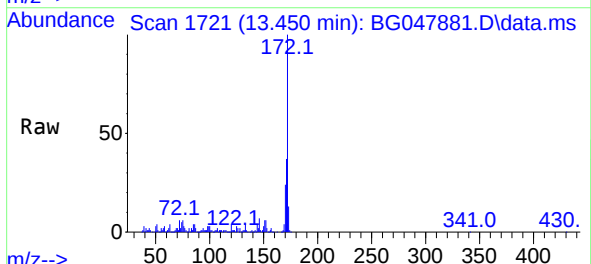
Tgt Ion:330 Resp: 253370
Ion Ratio Lower Upper
330 100
332 95.6 76.5 114.7
141 36.2 26.0 39.0

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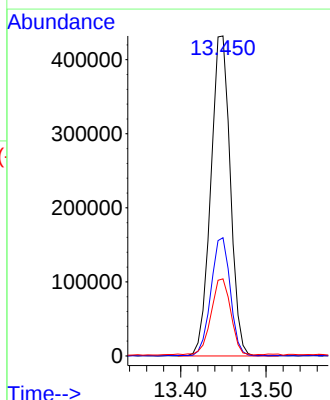
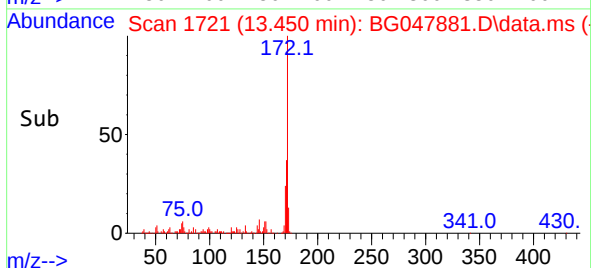
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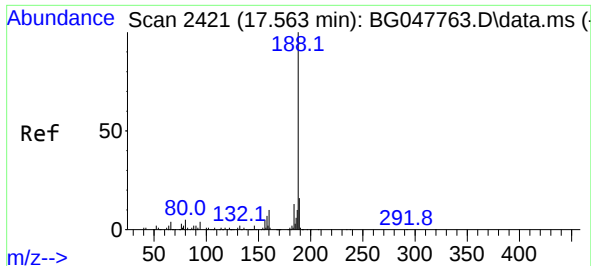


#45
2-Fluorobiphenyl
Concen: 84.48 ng
RT: 13.450 min Scan# 1721
Delta R.T. -0.000 min
Lab File: BG047881.D
Acq: 6 Jan 2021 18:23



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





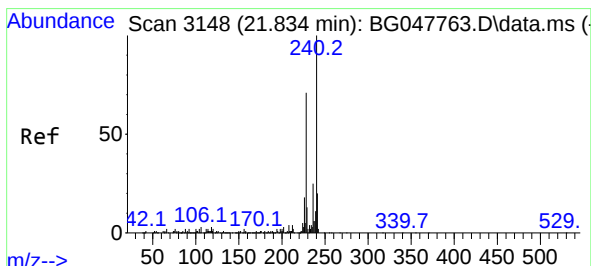
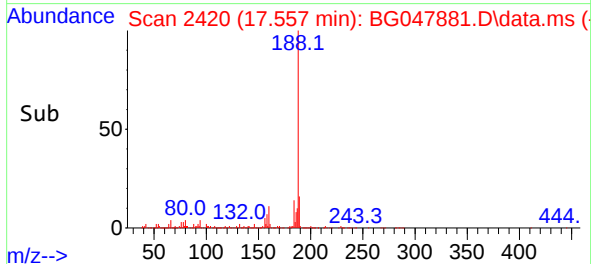
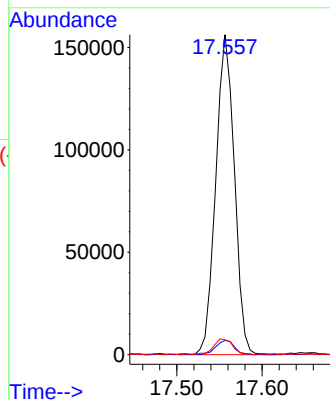
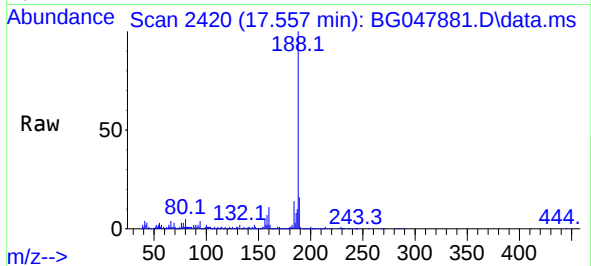
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.557 min Scan# 2420
Delta R.T. -0.006 min
Lab File: BG047881.D
Acq: 6 Jan 2021 18:23

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#

Instrument :
BNA_G
ClientSampled :
MT

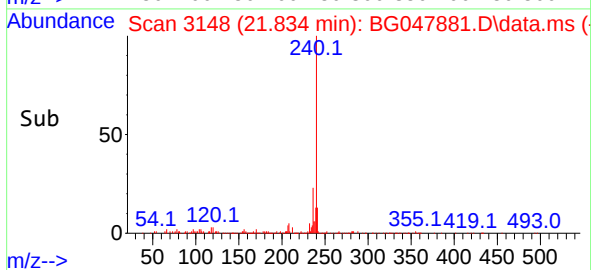
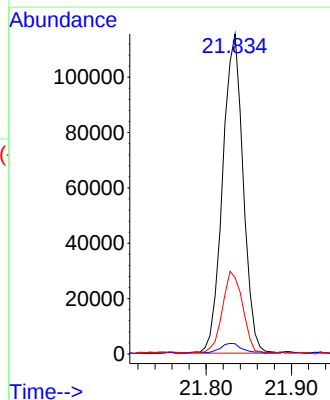
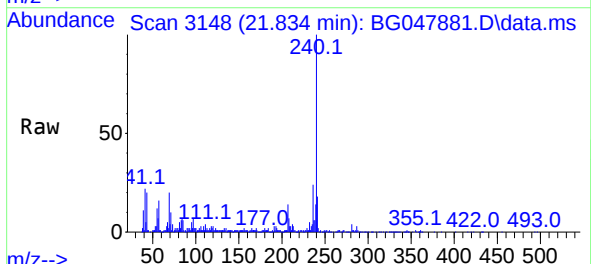
Manual Integrations
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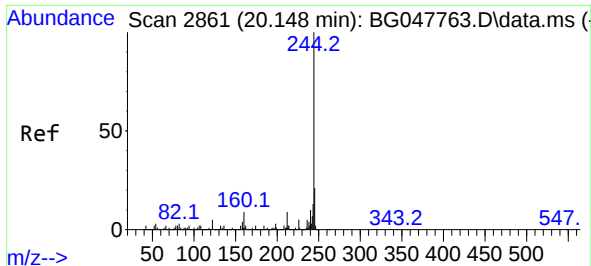
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#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.834 min Scan# 3148
Delta R.T. -0.000 min
Lab File: BG047881.D
Acq: 6 Jan 2021 18:23

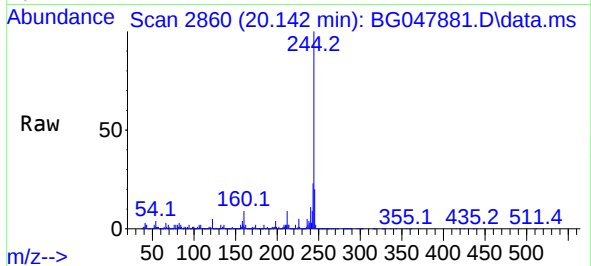
Tgt Ion:240 Resp: 192953
Ion Ratio Lower Upper
240 100
120 3.2 6.2 9.4#
236 23.8 20.5 30.7





#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

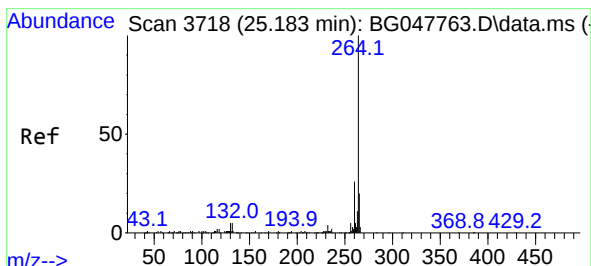
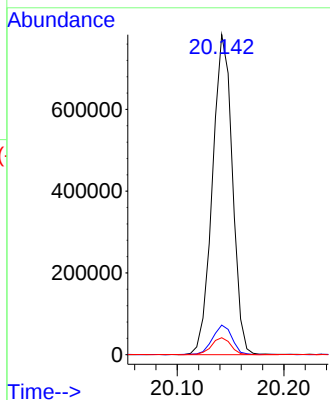
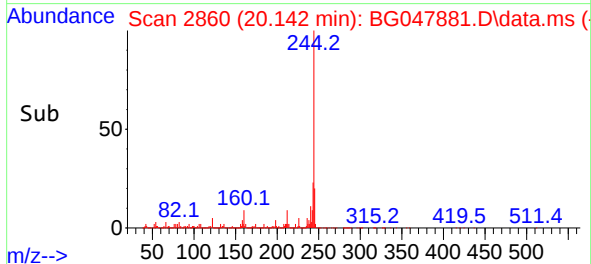
Instrument :
BNA_G
ClientSampleId :
MT



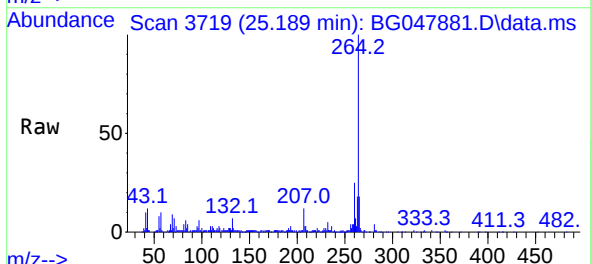
Tgt Ion:244 Resp: 1016357
Ion Ratio Lower Upper
244 100
212 9.3 6.7 10.1
122 5.3 7.8 11.6#

Manual Integrations
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#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



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

