

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041921\
 Data File : BG048780.D
 Acq On : 20 Apr 2021 2:22
 Operator : CG/JU
 Sample : M2079-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-08

Manual Integrations
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Quant Time: Apr 20 05:52:09 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	8.084	152	17140	20.00	ng	0.00
21) Naphthalene-d8	10.916	136	72232	20.00	ng	# 0.00
39) Acenaphthene-d10	14.735	164	55467	20.00	ng	# 0.00
64) Phenanthrene-d10	17.491	188	123350	20.00	ng	# 0.00
76) Chrysene-d12	21.786	240	119124	20.00	ng	-0.01
86) Perylene-d12	25.123	264	120411	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.646	112	69946	68.25	ng	0.02
7) Phenol-d6	7.250	99	59370	40.96	ng	0.01
23) Nitrobenzene-d5	9.259	82	175534	108.80	ng	0.00
42) 2,4,6-Tribromophenol	16.234	330	111529	149.97	ng	0.00
45) 2-Fluorobiphenyl	13.355	172	388090	101.04	ng	0.00
79) Terphenyl-d14	20.105	244	614567	88.79	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.273	94	6032	4.23	ng	# 1
17) 2-Methylphenol	8.531	107	1932	2.12	ng	# 87
20) 3+4-Methylphenols	8.860	107	12910	10.28	ng	85
27) 2,4-Dimethylphenol	10.111	122	68878m	64.32	ng	
31) Naphthalene	10.975	128	2018024	544.47	ng	94
37) 2-Methylnaphthalene	12.567	142	344731	116.39	ng	99
38) 1-Methylnaphthalene	12.785	142	206679m	75.00	ng	
50) Dimethylphthalate	14.183	163	11063	2.66	ng	# 66

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

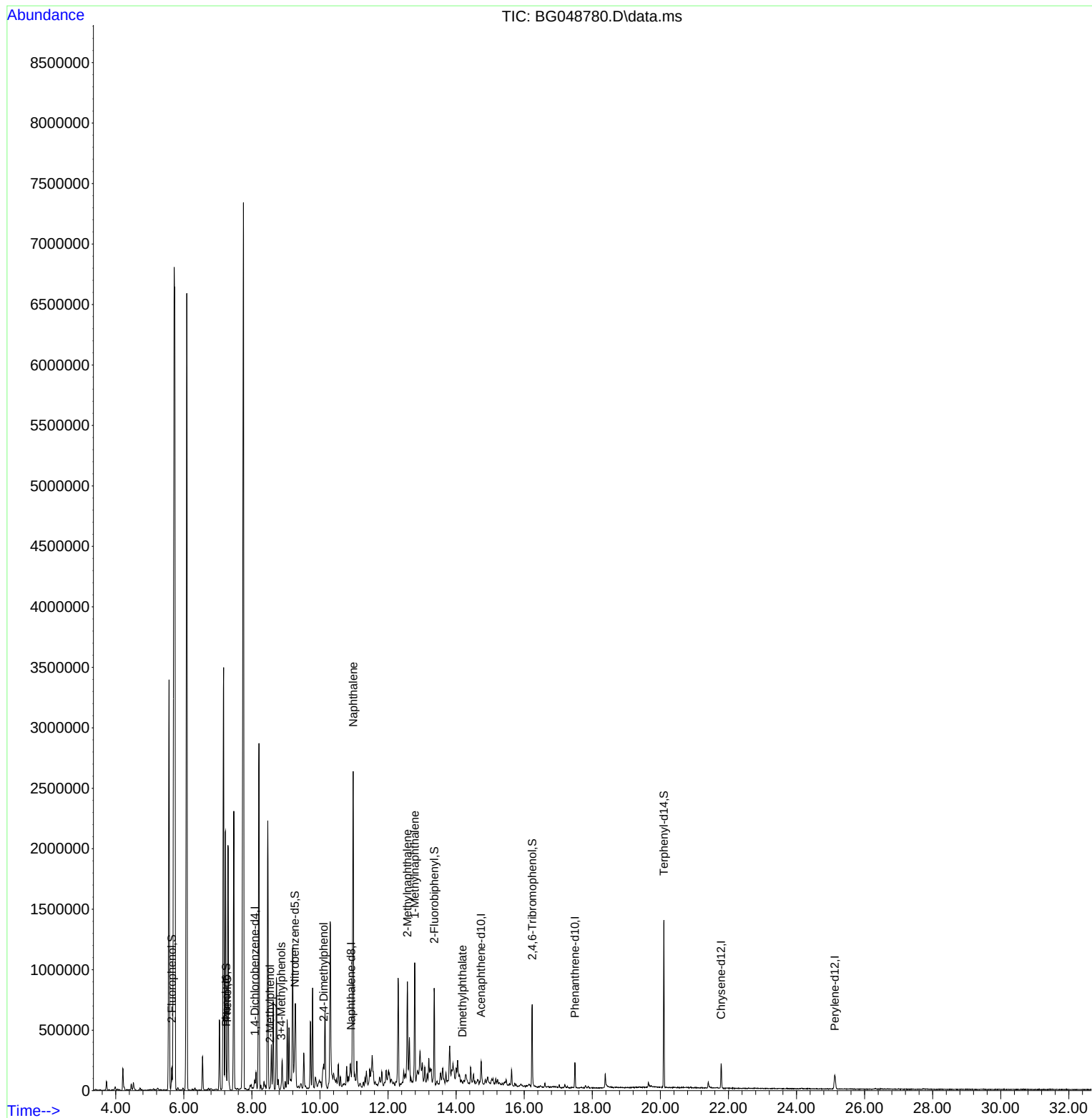
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041921\
Data File : BG048780.D
Acq On : 20 Apr 2021 2:22
Operator : CG/JU
Sample : M2079-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

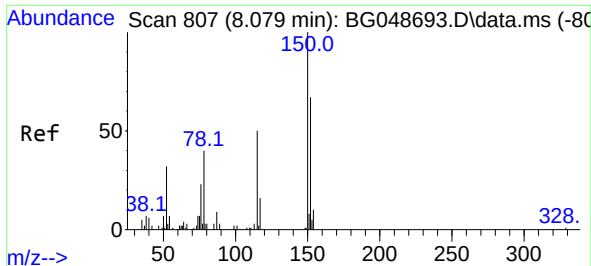
Instrument :
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ClientSampleId :
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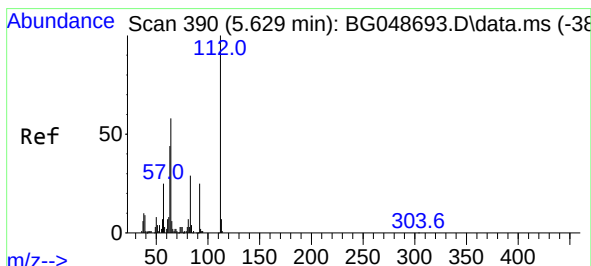
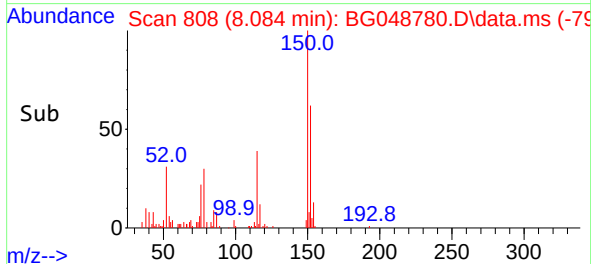
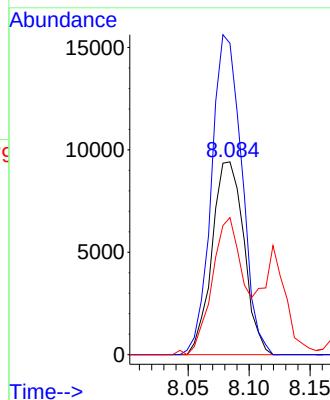
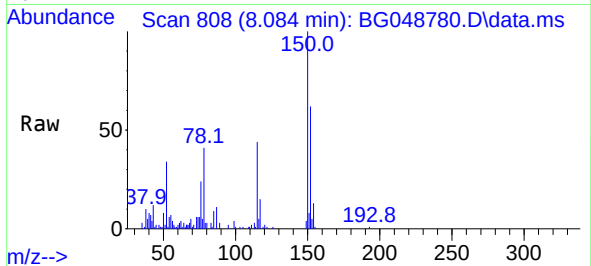
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.084 min Scan# 808
Delta R.T. 0.004 min
Lab File: BG048780.D
Acq: 20 Apr 2021 2:22

Tgt Ion:152 Resp: 17140
Ion Ratio Lower Upper
152 100
150 161.5 119.4 179.0
115 71.1 60.2 90.4

Instrument :
BNA_G
ClientSampled :
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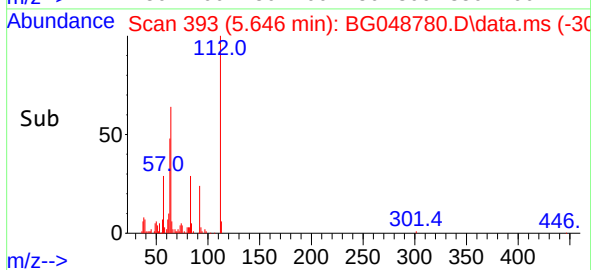
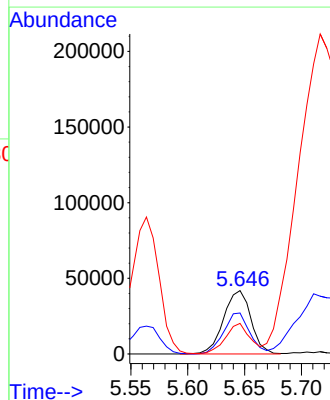
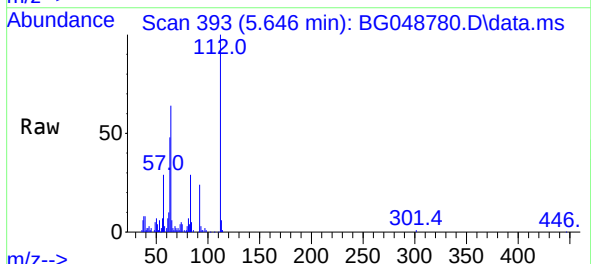
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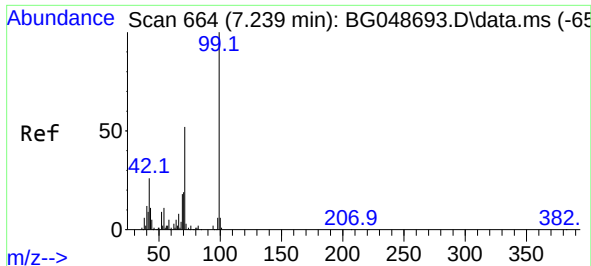
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#5
2-Fluorophenol
Concen: 68.25 ng
RT: 5.646 min Scan# 393
Delta R.T. 0.016 min
Lab File: BG048780.D
Acq: 20 Apr 2021 2:22

Tgt Ion:112 Resp: 69946
Ion Ratio Lower Upper
112 100
64 64.5 46.7 70.1
63 48.1 35.3 52.9





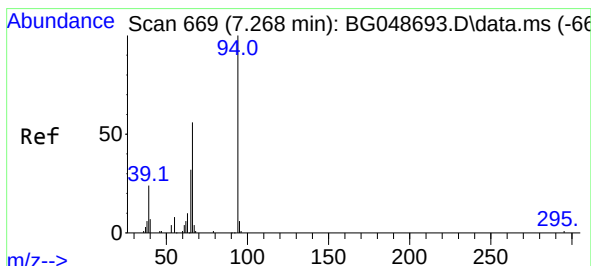
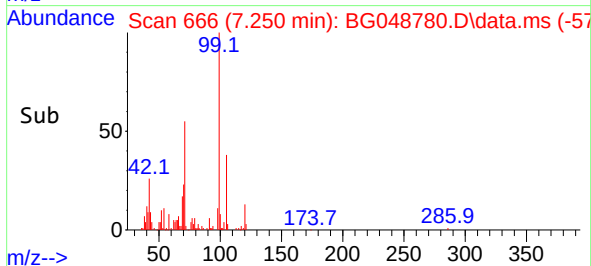
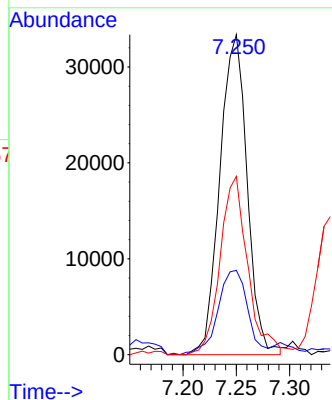
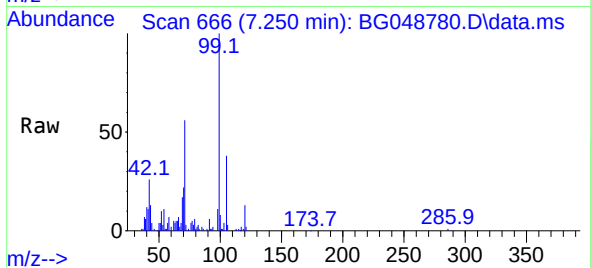
#7
Phenol-d6
Concen: 40.96 ng
RT: 7.250 min Scan# 666
Delta R.T. 0.010 min
Lab File: BG048780.D
Acq: 20 Apr 2021 2:22

Tgt Ion: 99 Resp: 59370
Ion Ratio Lower Upper
99 100
42 26.3 20.5 30.7
71 55.8 41.5 62.3

Instrument :
BNA_G
ClientSampled :
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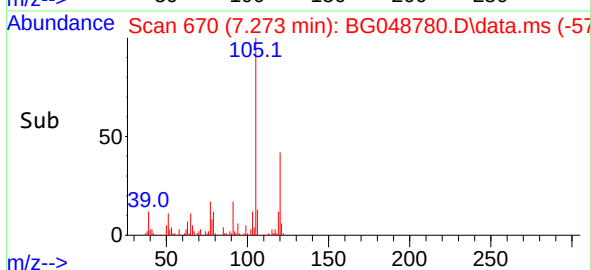
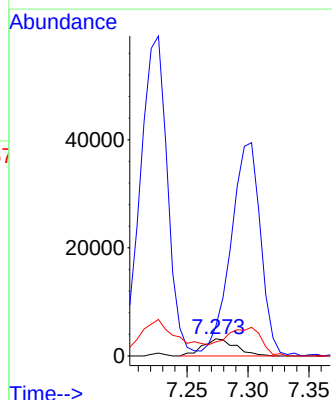
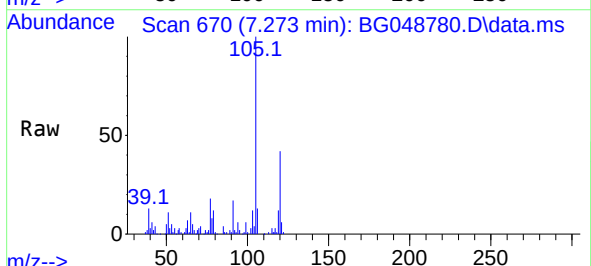
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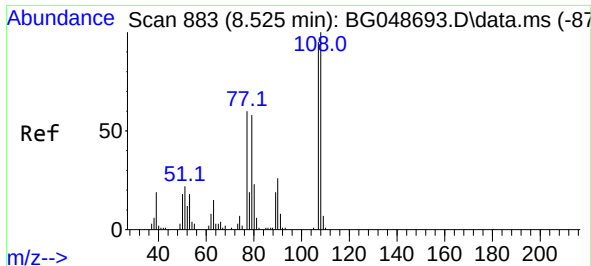
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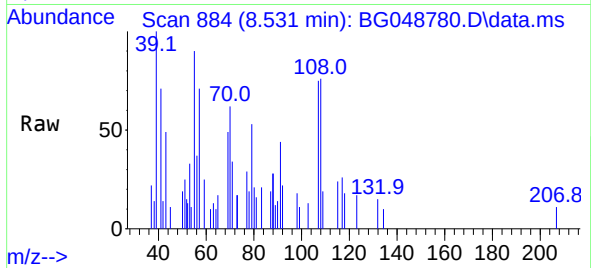
#10
Phenol
Concen: 4.23 ng
RT: 7.273 min Scan# 670
Delta R.T. 0.004 min
Lab File: BG048780.D
Acq: 20 Apr 2021 2:22

Tgt Ion: 94 Resp: 6032
Ion Ratio Lower Upper
94 100
65 170.1 12.9 52.9#
66 82.5 39.4 79.4#

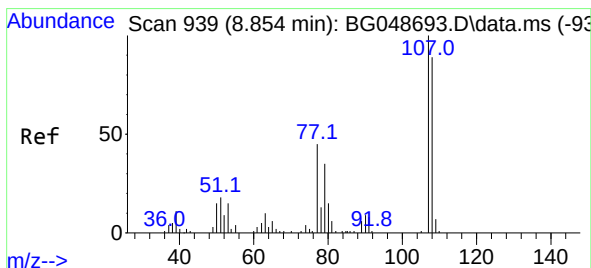
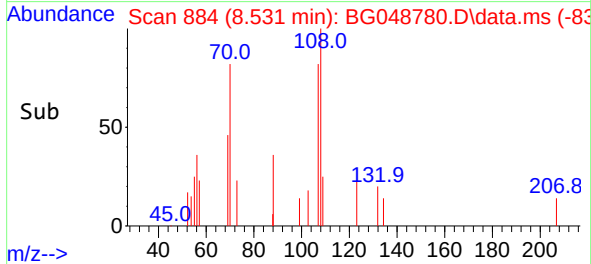
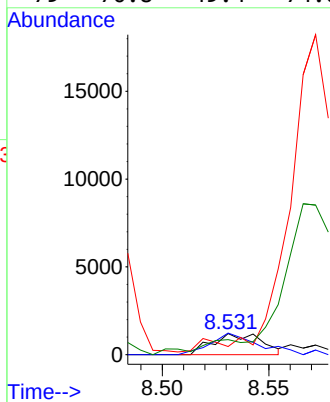




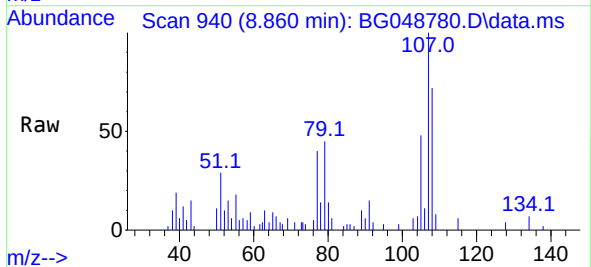
#17
2-Methylphenol
Concen: 2.12 ng
RT: 8.531 min Scan# 884
Delta R.T. 0.004 min
Lab File: BG048780.D
Acq: 20 Apr 2021 2:22



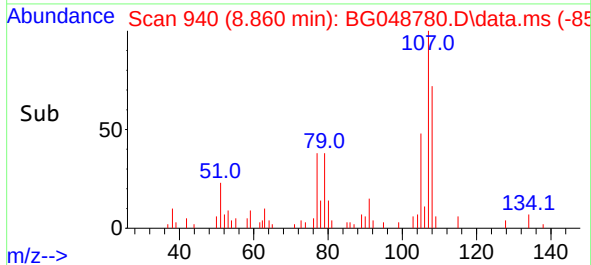
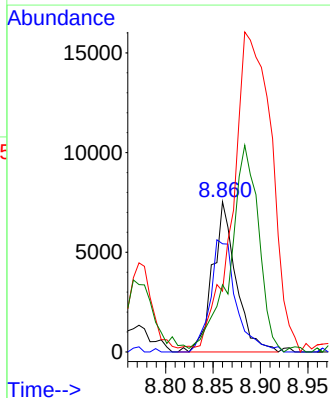
Tgt Ion:	107	Resp:	1932
Ion	Ratio	Lower	Upper
107	100		
108	102.3	84.6	127.0
77	39.0	50.7	76.1#
79	70.8	49.4	74.0



#20
3+4-Methylphenols
Concen: 10.28 ng
RT: 8.860 min Scan# 940
Delta R.T. -0.002 min
Lab File: BG048780.D
Acq: 20 Apr 2021 2:22



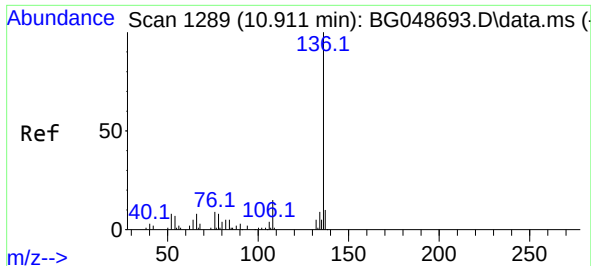
Tgt Ion:	107	Resp:	12910
Ion	Ratio	Lower	Upper
107	100		
108	71.9	69.3	109.3
77	40.4	25.2	65.2
79	44.7	15.1	55.1



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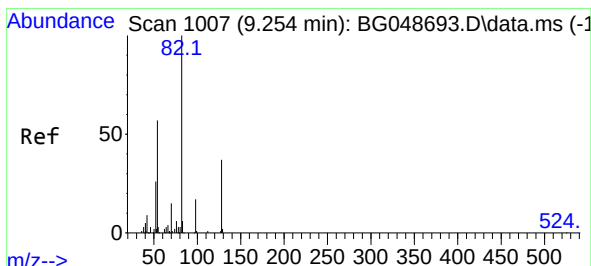
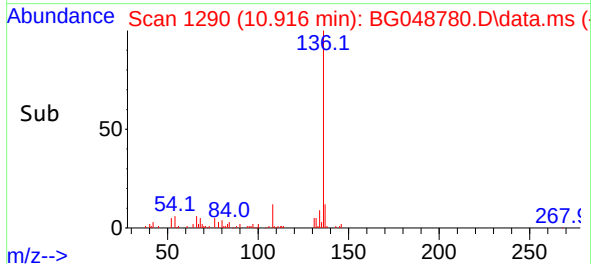
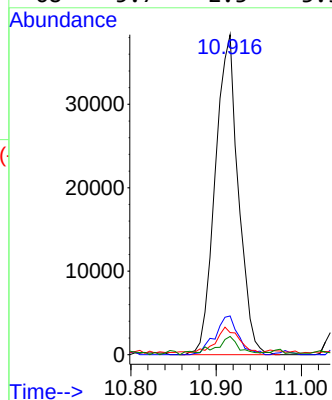
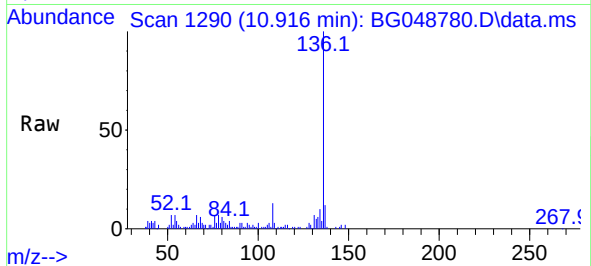
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.916 min Scan# 1290
Delta R.T. 0.004 min
Lab File: BG048780.D
Acq: 20 Apr 2021 2:22

Tgt Ion:	136	Resp:	72232
Ion Ratio	Lower	Upper	
136	100		
137	12.1	8.2	12.2
54	6.9	5.5	8.3
68	5.7	2.3	3.5#

Instrument :
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ClientSampleId :
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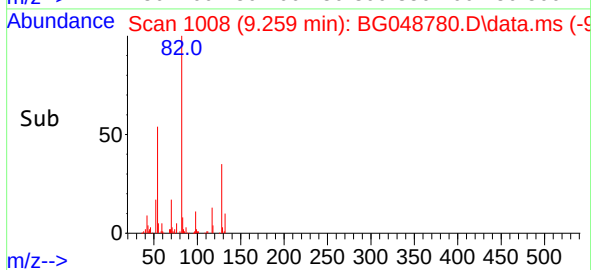
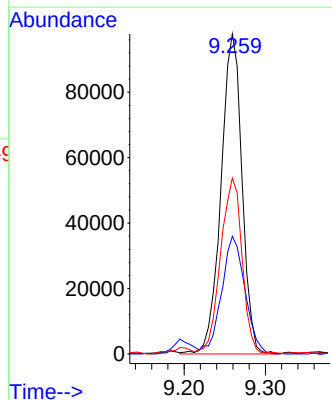
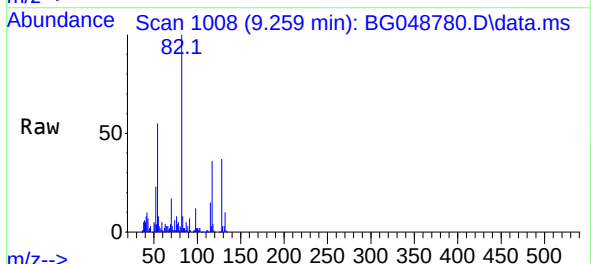
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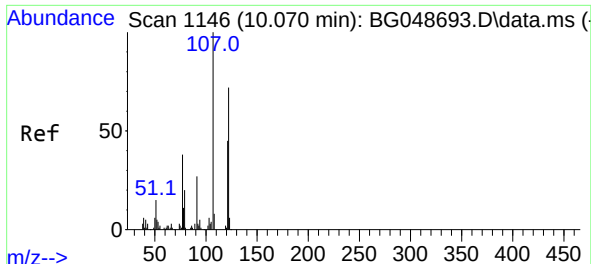
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#23
Nitrobenzene-d5
Concen: 108.80 ng
RT: 9.259 min Scan# 1008
Delta R.T. 0.004 min
Lab File: BG048780.D
Acq: 20 Apr 2021 2:22

Tgt Ion:	82	Resp:	175534
Ion Ratio	Lower	Upper	
82	100		
128	36.7	29.8	44.6
54	55.0	45.8	68.8





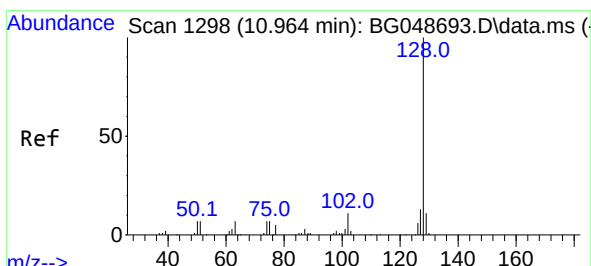
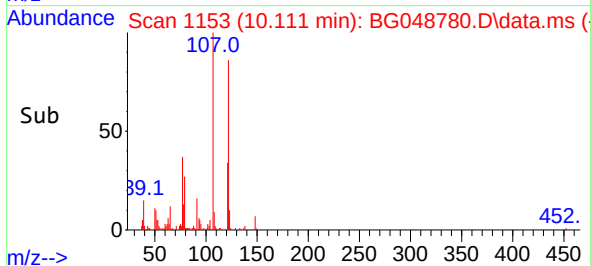
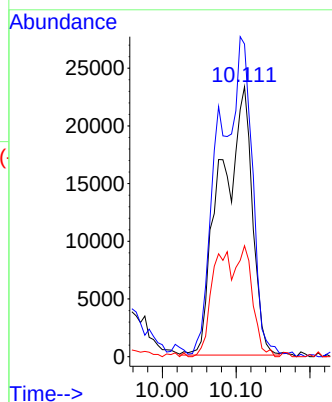
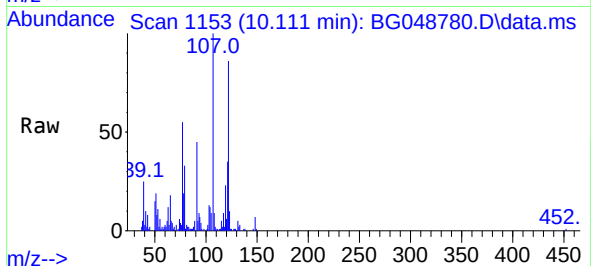
#27
2,4-Dimethylphenol
Concen: 64.32 ng m
RT: 10.111 min Scan# 1153
Delta R.T. 0.040 min
Lab File: BG048780.D
Acq: 20 Apr 2021 2:22

Tgt Ion:122 Resp: 68878
Ion Ratio Lower Upper
122 100
107 115.8 110.1 165.1
121 41.1 49.0 73.6#

Instrument :
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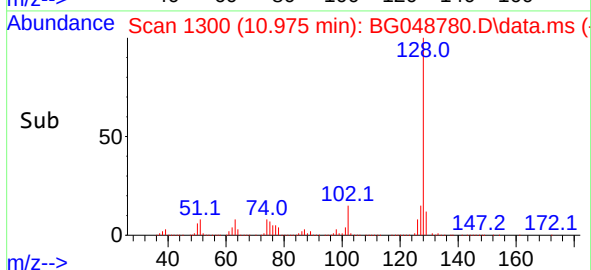
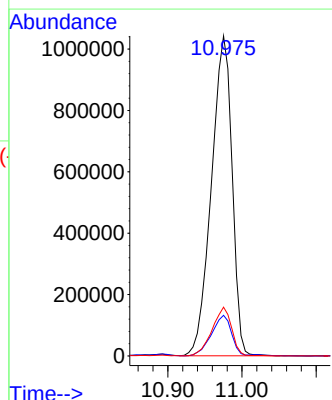
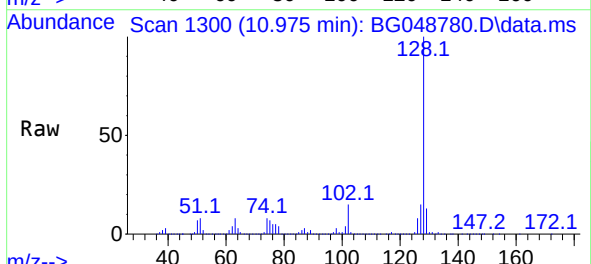
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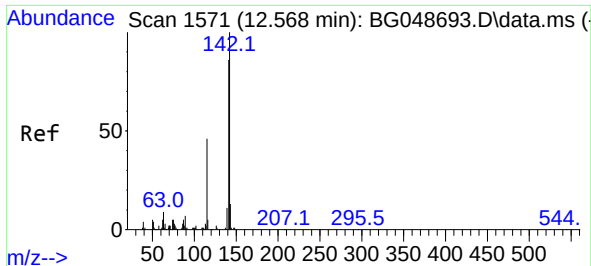
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#31
Naphthalene
Concen: 544.47 ng
RT: 10.975 min Scan# 1300
Delta R.T. 0.016 min
Lab File: BG048780.D
Acq: 20 Apr 2021 2:22

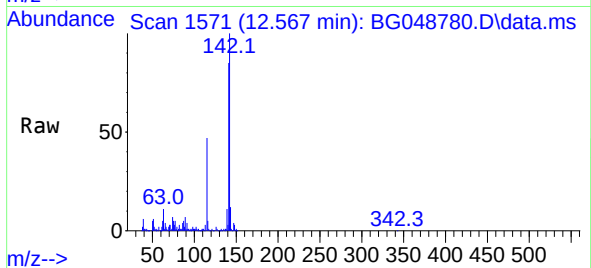
Tgt Ion:128 Resp: 2018024
Ion Ratio Lower Upper
128 100
129 12.7 8.5 12.7
127 15.3 10.2 15.4





#37
2-Methylnaphthalene
Concen: 116.39 ng
RT: 12.567 min Scan# 1571
Delta R.T. -0.002 min
Lab File: BG048780.D
Acq: 20 Apr 2021 2:22

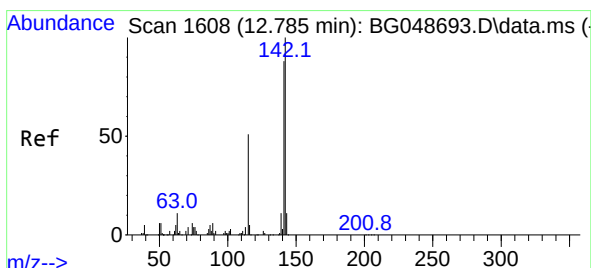
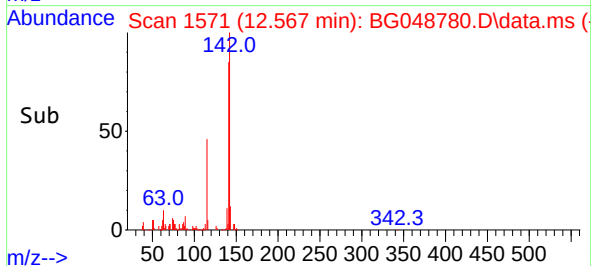
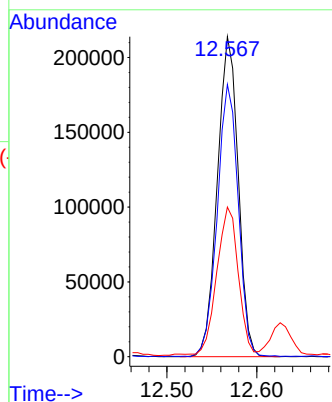
Instrument :
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ClientSampled :
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Tgt Ion:142 Resp: 344731
Ion Ratio Lower Upper
142 100
141 85.0 68.8 103.2
115 46.8 36.4 54.6

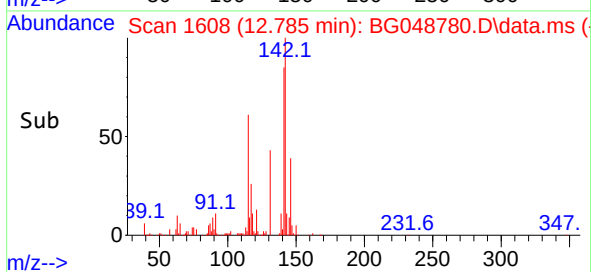
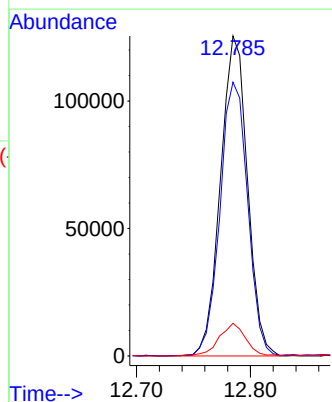
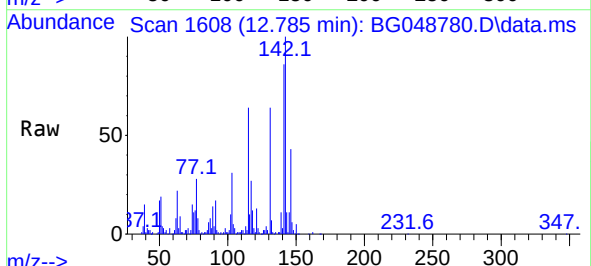
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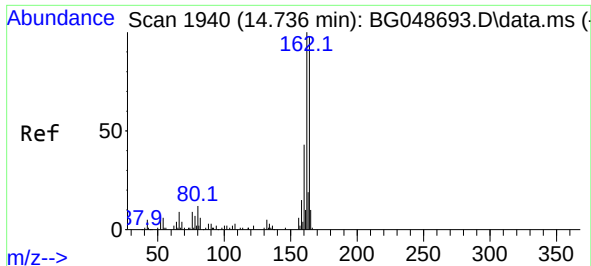
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#38
1-Methylnaphthalene
Concen: 75.00 ng m
RT: 12.785 min Scan# 1608
Delta R.T. -0.002 min
Lab File: BG048780.D
Acq: 20 Apr 2021 2:22

Tgt Ion:142 Resp: 206679
Ion Ratio Lower Upper
142 100
141 85.6 70.6 106.0
116 10.2 4.0 6.0#





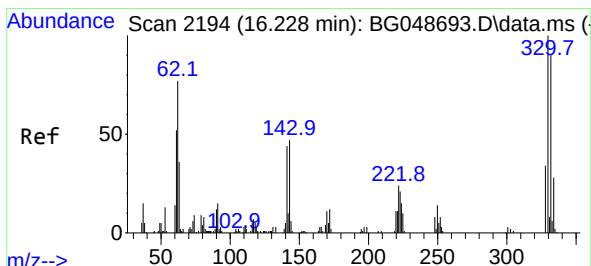
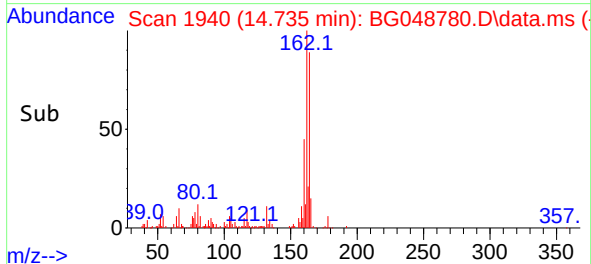
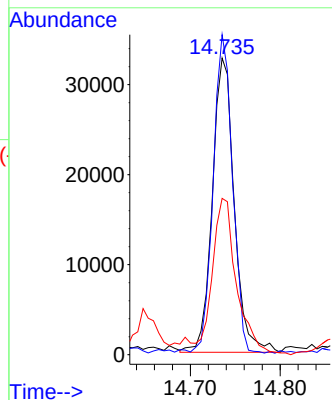
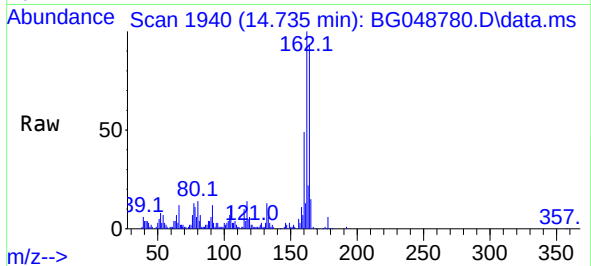
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.735 min Scan# 1940
Delta R.T. -0.007 min
Lab File: BG048780.D
Acq: 20 Apr 2021 2:22

Tgt Ion:164 Resp: 55467
Ion Ratio Lower Upper
164 100
162 107.9 81.4 122.0
160 52.7 34.9 52.3#

Instrument :
BNA_G
ClientSampled :
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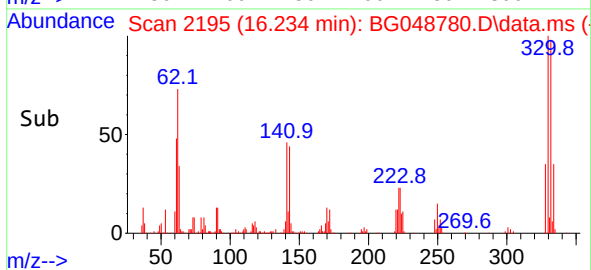
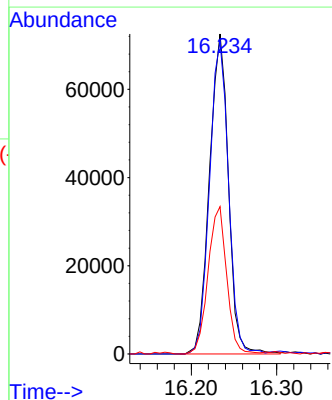
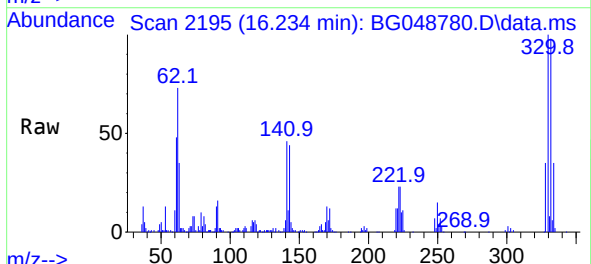
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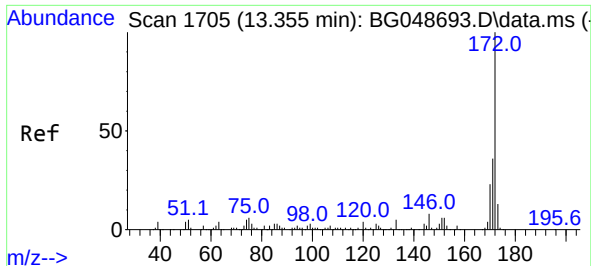
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#42
2,4,6-Tribromophenol
Concen: 149.97 ng
RT: 16.234 min Scan# 2195
Delta R.T. -0.002 min
Lab File: BG048780.D
Acq: 20 Apr 2021 2:22

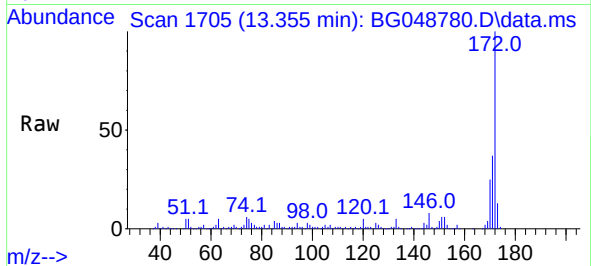
Tgt Ion:330 Resp: 111529
Ion Ratio Lower Upper
330 100
332 97.8 77.3 115.9
141 45.4 35.6 53.4





#45
2-Fluorobiphenyl
Concen: 101.04 ng
RT: 13.355 min Scan# 1705
Delta R.T. -0.002 min
Lab File: BG048780.D
Acq: 20 Apr 2021 2:22

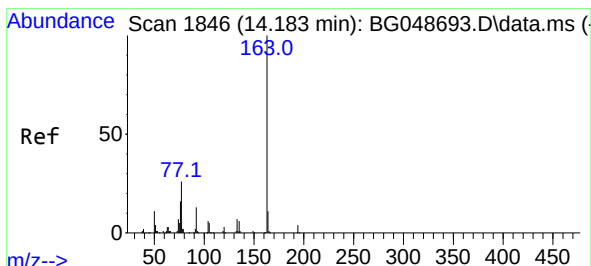
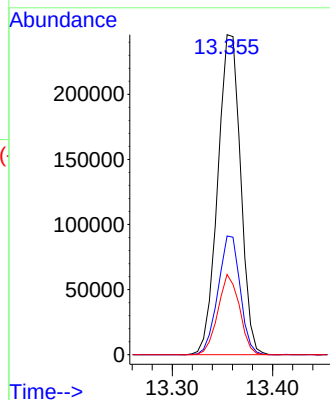
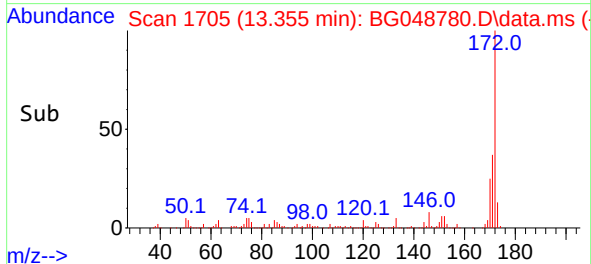
Instrument :
BNA_G
ClientSampled :
MW-08



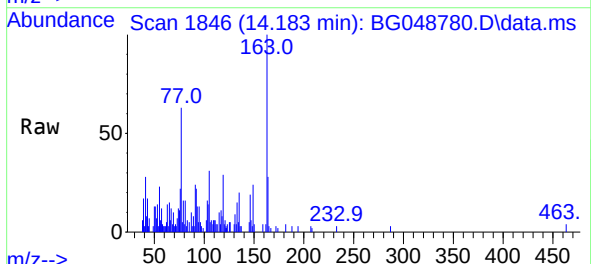
Tgt Ion:172 Resp: 388090
Ion Ratio Lower Upper
172 100
171 37.1 28.6 43.0
170 25.0 18.6 27.8

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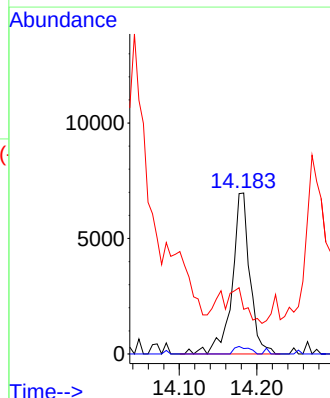
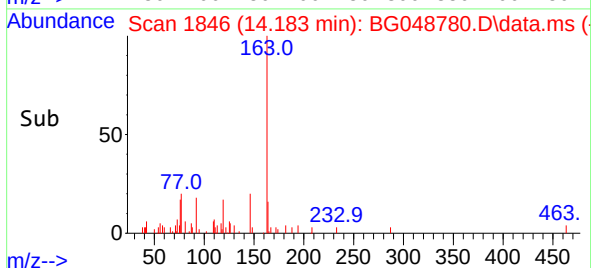
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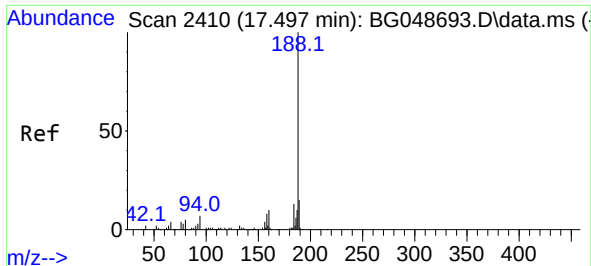


#50
Dimethylphthalate
Concen: 2.66 ng
RT: 14.183 min Scan# 1846
Delta R.T. -0.002 min
Lab File: BG048780.D
Acq: 20 Apr 2021 2:22



Tgt Ion:163 Resp: 11063
Ion Ratio Lower Upper
163 100
194 3.3 3.0 4.6
164 27.7 8.6 12.8#





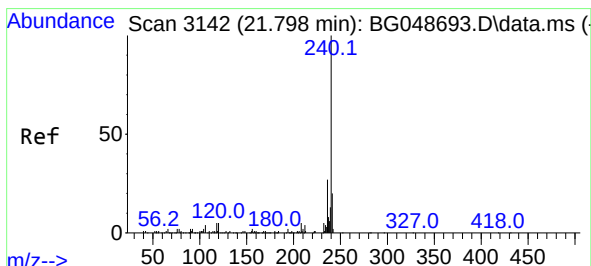
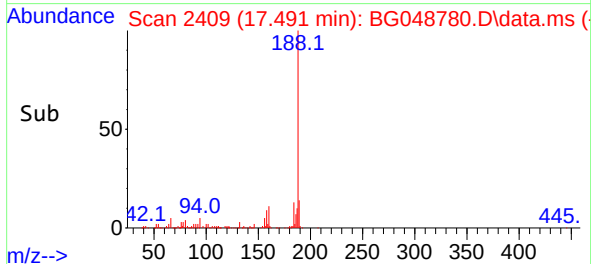
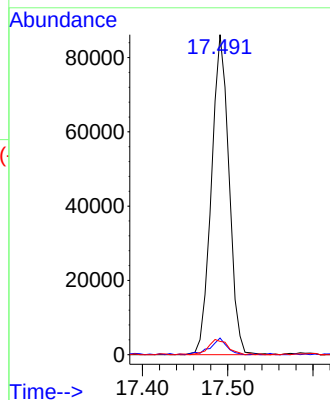
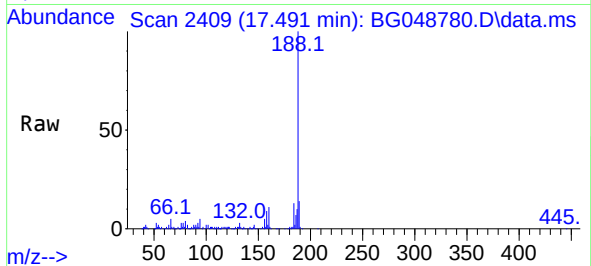
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.491 min Scan# 2409
Delta R.T. -0.007 min
Lab File: BG048780.D
Acq: 20 Apr 2021 2:22

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.2	5.4	8.0#
80	4.1	3.7	5.5

Instrument :
BNA_G
ClientSampled :
MW-08

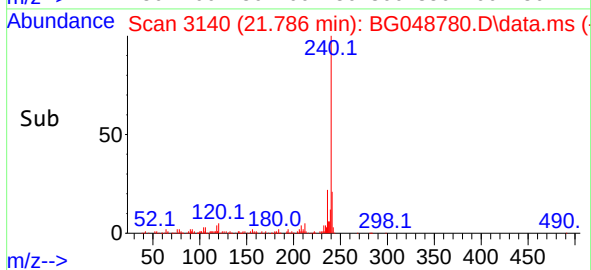
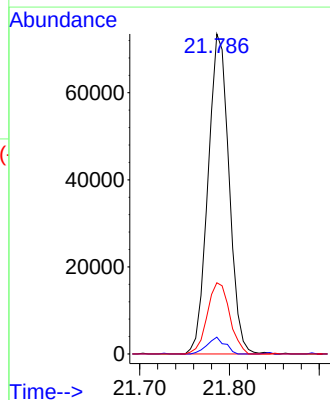
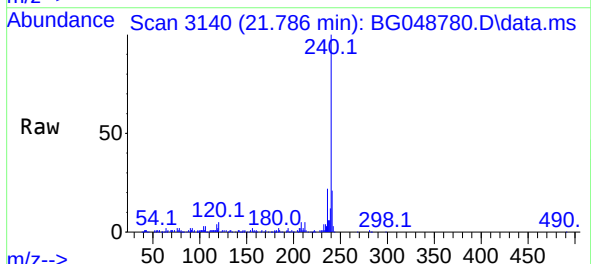
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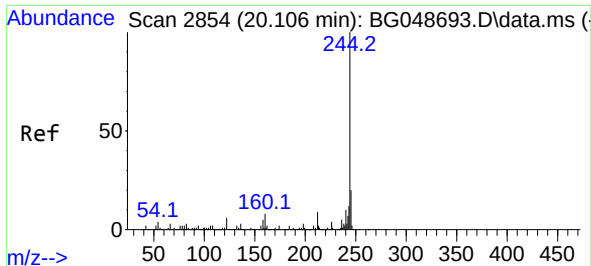
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#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.786 min Scan# 3140
Delta R.T. -0.013 min
Lab File: BG048780.D
Acq: 20 Apr 2021 2:22

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.3	4.2	6.2
236	22.3	21.8	32.6





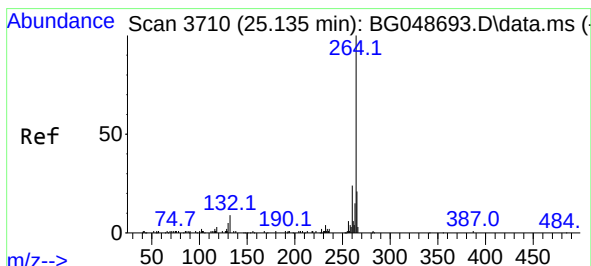
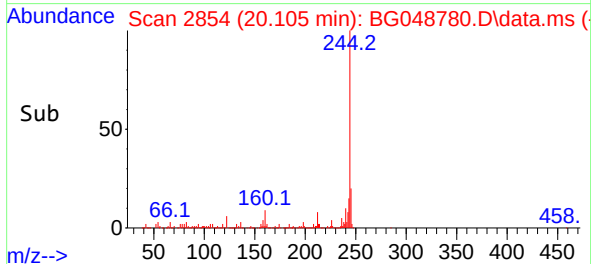
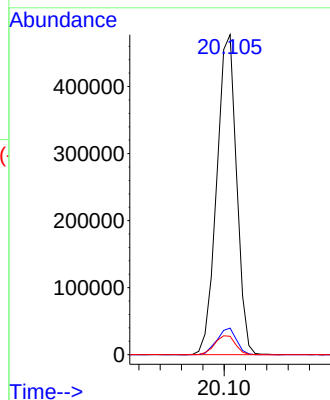
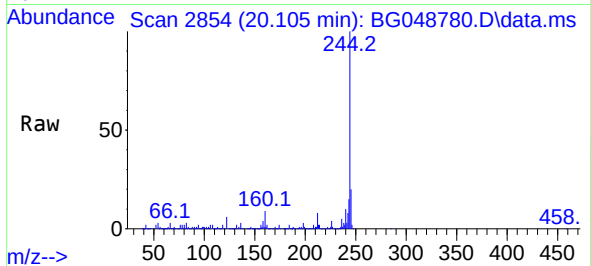
#79
Terphenyl-d14
Concen: 88.79 ng
RT: 20.105 min Scan# 2854
Delta R.T. -0.002 min
Lab File: BG048780.D
Acq: 20 Apr 2021 2:22

Tgt Ion:	244	Resp:	614567
Ion Ratio	Lower	Upper	
244	100		
212	8.3	6.9	10.3
122	5.7	5.0	7.6

Instrument :
BNA_G
ClientSampled :
MW-08

Manual Integrations
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#86
Perylene-d12
Concen: 20.00 ng
RT: 25.123 min Scan# 3708
Delta R.T. -0.019 min
Lab File: BG048780.D
Acq: 20 Apr 2021 2:22

Tgt Ion:	264	Resp:	120411
Ion Ratio	Lower	Upper	
264	100		
260	22.3	19.4	29.2
265	20.2	16.9	25.3

