

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030521\
 Data File : BG048350.D
 Acq On : 5 Mar 2021 23:09
 Operator : CG/JU
 Sample : M1553-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 1729

Quant Time: Mar 06 01:03:01 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG021021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 05 16:23:55 2021
 Response via : Initial Calibration

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

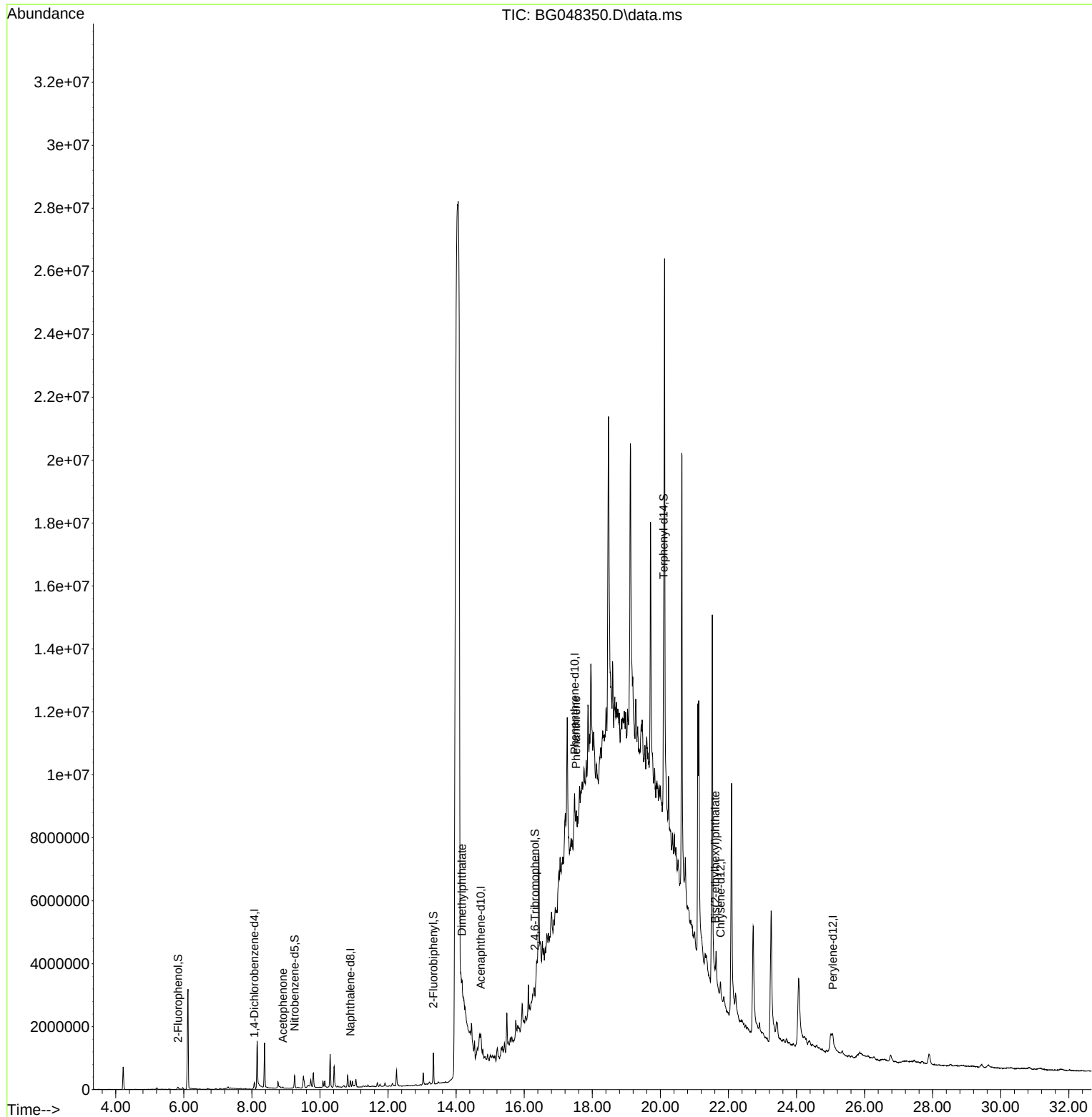
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.073	152	43035	20.00	ng	# 0.00
21) Naphthalene-d8	10.893	136	156415	20.00	ng	0.00
39) Acenaphthene-d10	14.724	164	114100	20.00	ng	0.02
64) Phenanthrene-d10	17.485	188	298305	20.00	ng	# 0.03
76) Chrysene-d12	21.768	240	276846	20.00	ng	0.04
86) Perylene-d12	25.064	264	254969	20.00	ng	0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.828	112	50016	19.78	ng	0.17
7) Phenol-d6	7.279	99	177	0.05	ng	0.00
23) Nitrobenzene-d5	9.254	82	239820	64.86	ng	0.00
42) 2,4,6-Tribromophenol	16.310	330	67110	36.77	ng	0.10
45) 2-Fluorobiphenyl	13.331	172	498173	61.21	ng	0.00
79) Terphenyl-d14	20.094	244	966933	63.82	ng	0.04
Target Compounds						
22) Acetophenone	8.907	105	15948	3.55	ng	# 91
50) Dimethylphthalate	14.171	163	28168	2.95	ng	# 53
71) Phenanthrene	17.526	178	168381	10.39	ng	# 67
84) Bis(2-ethylhexyl)phtha...	21.616	149	87837	9.23	ng	# 86

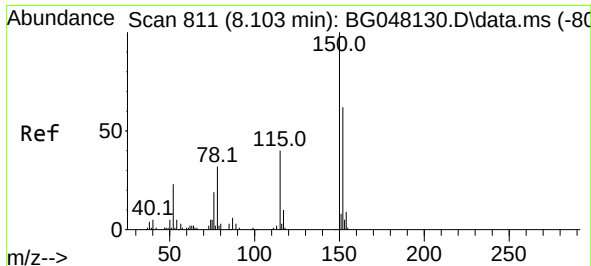
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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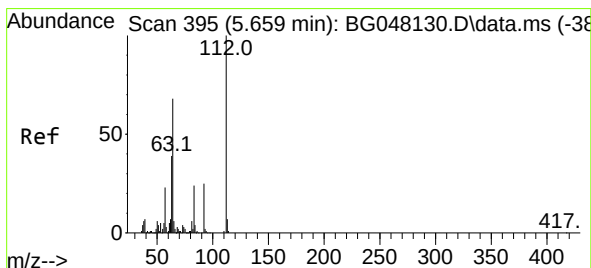
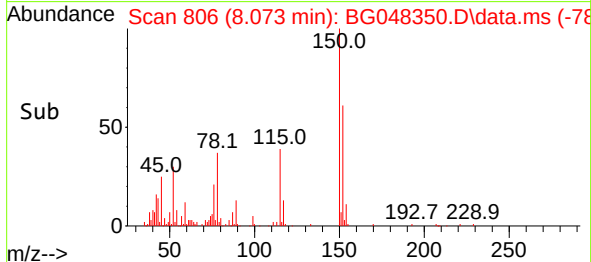
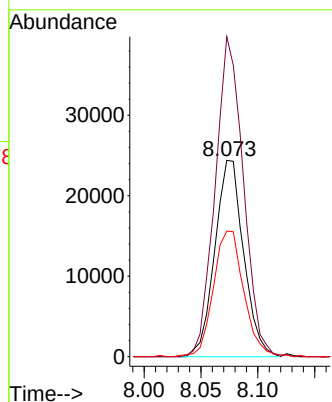
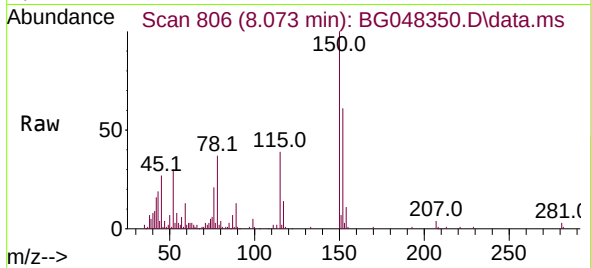




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.073 min Scan# 806
Delta R.T. -0.001 min
Lab File: BG048350.D
Acq: 5 Mar 2021 23:09

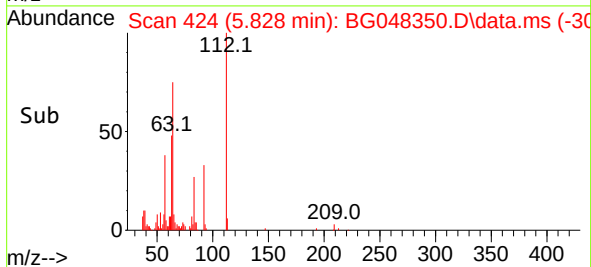
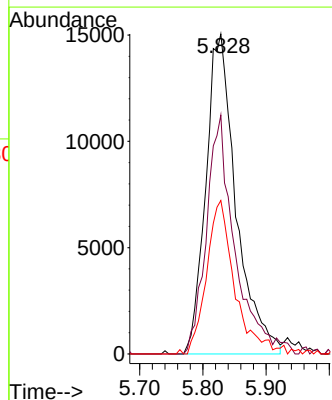
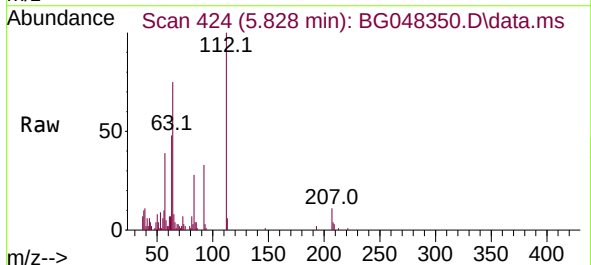
Instrument :
BNA_G
ClientSampleId :
1729

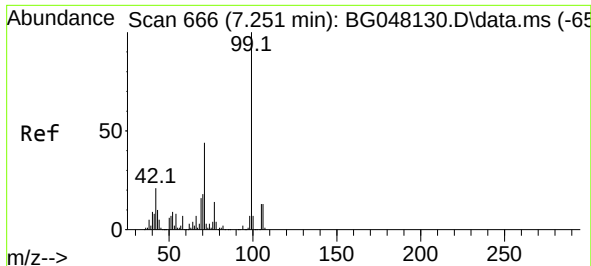
Tgt Ion:152 Resp: 43035
Ion Ratio Lower Upper
152 100
150 163.0 125.0 187.6
115 64.0 41.8 62.6#



#5
2-Fluorophenol
Concen: 19.78 ng
RT: 5.828 min Scan# 424
Delta R.T. 0.175 min
Lab File: BG048350.D
Acq: 5 Mar 2021 23:09

Tgt Ion:112 Resp: 50016
Ion Ratio Lower Upper
112 100
64 74.6 46.7 70.1#
63 48.0 22.8 34.2#

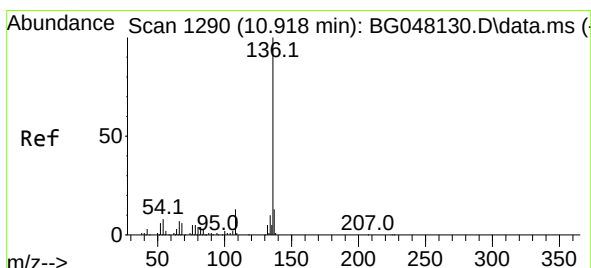
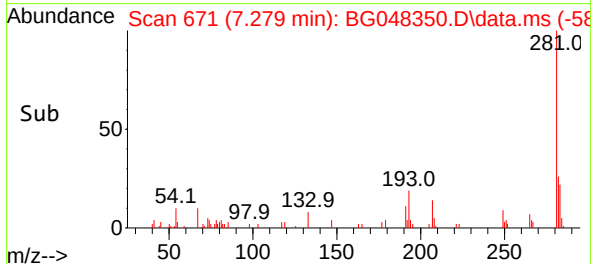
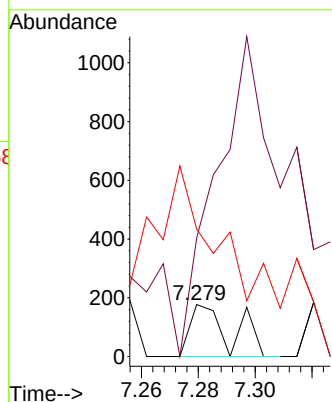
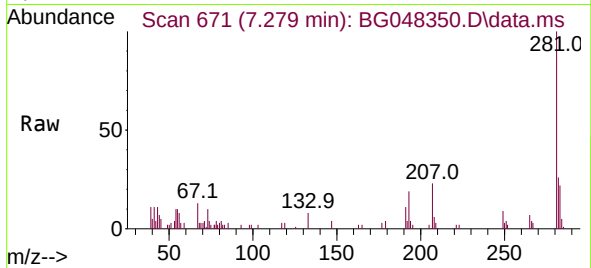




#7
Phenol-d6
Concen: 0.05 ng
RT: 7.279 min Scan# 671
Delta R.T. -0.007 min
Lab File: BG048350.D
Acq: 5 Mar 2021 23:09

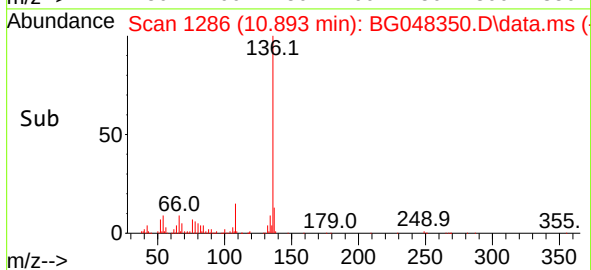
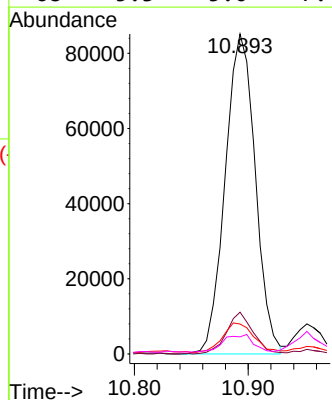
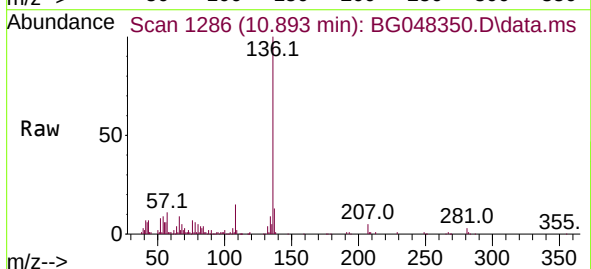
Instrument :
BNA_G
ClientSampleId :
1729

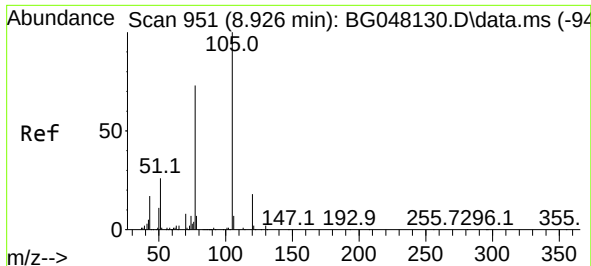
Tgt Ion: 99 Resp: 177
Ion Ratio Lower Upper
99 100
42 228.2 12.8 19.2#
71 245.2 24.6 36.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.893 min Scan# 1286
Delta R.T. 0.005 min
Lab File: BG048350.D
Acq: 5 Mar 2021 23:09

Tgt Ion:136 Resp: 156415
Ion Ratio Lower Upper
136 100
137 13.0 9.1 13.7
54 9.4 6.2 9.4
68 5.3 5.0 7.4

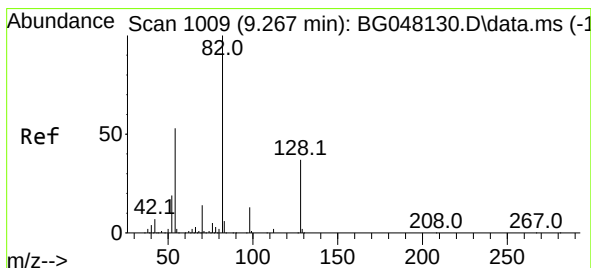
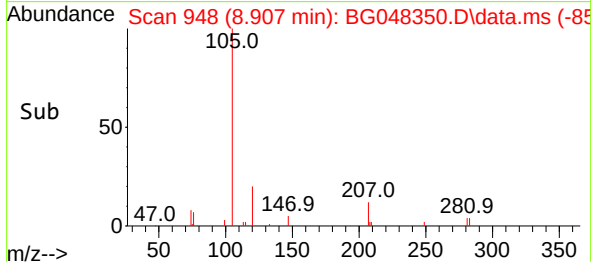
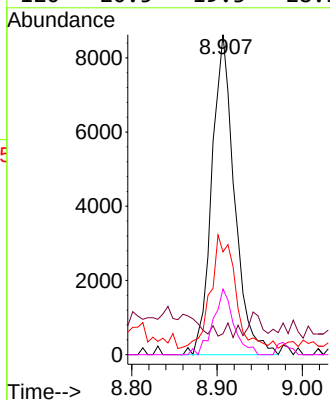
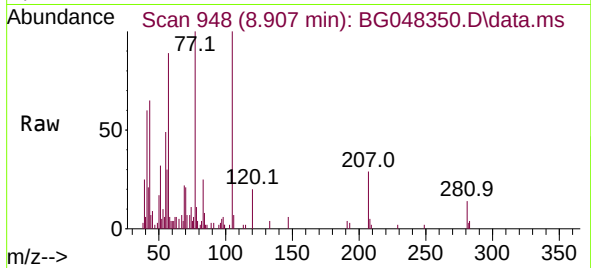




#22
Acetophenone
Concen: 3.55 ng
RT: 8.907 min Scan# 948
Delta R.T. 0.005 min
Lab File: BG048350.D
Acq: 5 Mar 2021 23:09

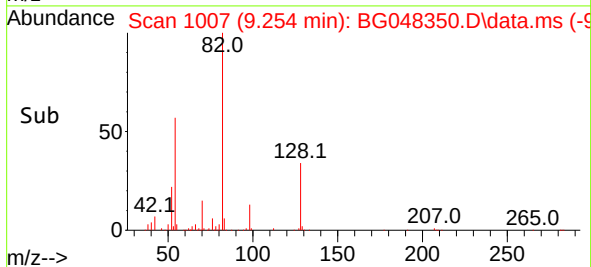
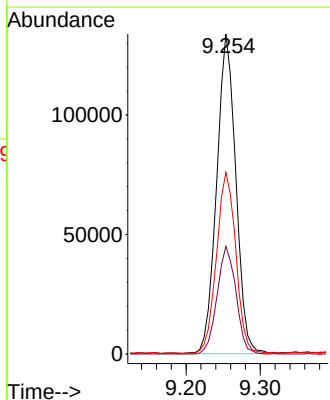
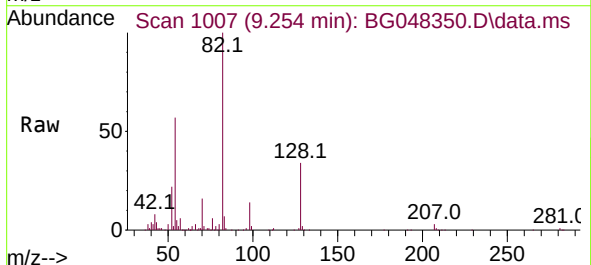
Instrument :
BNA_G
ClientSampleId :
1729

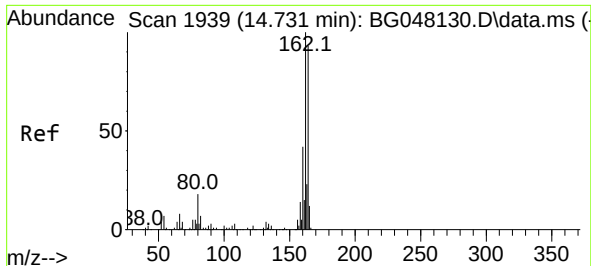
Tgt Ion:	105	Resp:	15948
Ion Ratio	Lower	Upper	
105	100		
71	6.5	2.7	4.1#
51	32.2	21.0	31.6#
120	20.5	19.3	28.9



#23
Nitrobenzene-d5
Concen: 64.86 ng
RT: 9.254 min Scan# 1007
Delta R.T. 0.005 min
Lab File: BG048350.D
Acq: 5 Mar 2021 23:09

Tgt Ion:	82	Resp:	239820
Ion Ratio	Lower	Upper	
82	100		
128	33.6	37.0	55.6#
54	56.7	39.0	58.4

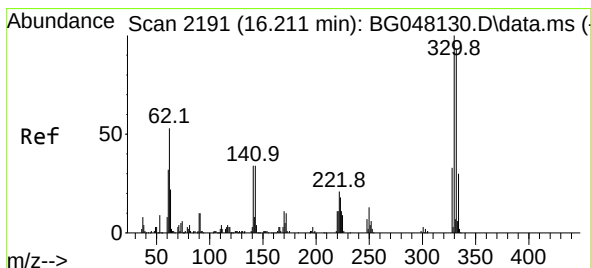
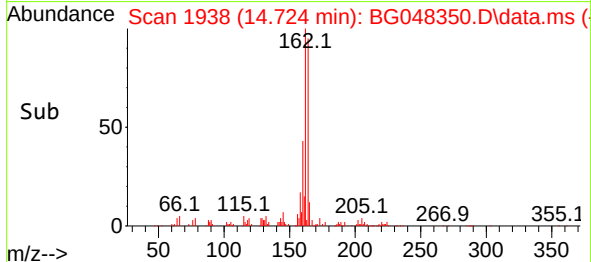
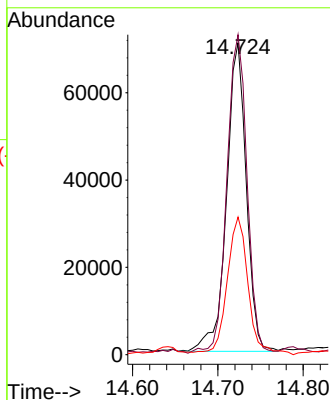
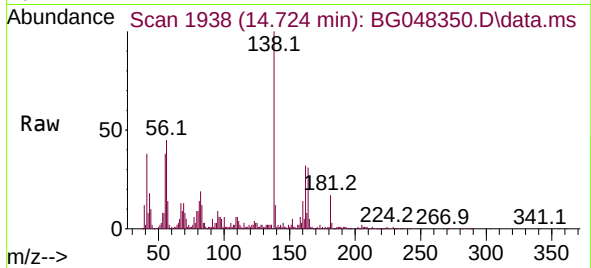




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.724 min Scan# 1938
Delta R.T. 0.016 min
Lab File: BG048350.D
Acq: 5 Mar 2021 23:09

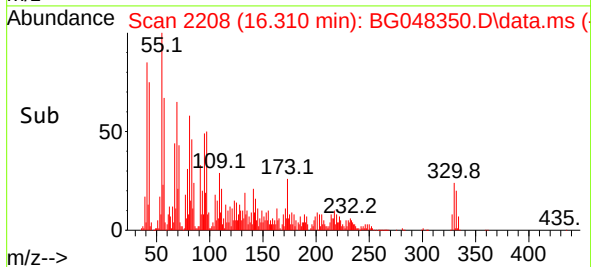
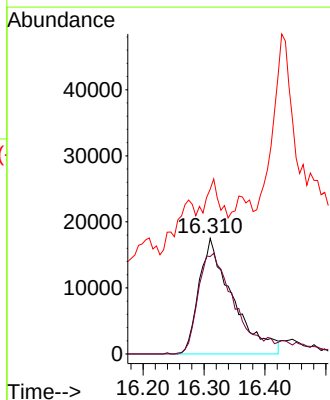
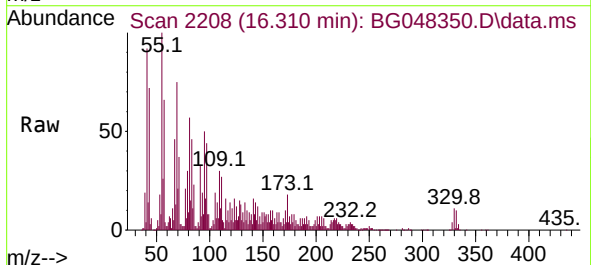
Instrument :
BNA_G
ClientSampleId :
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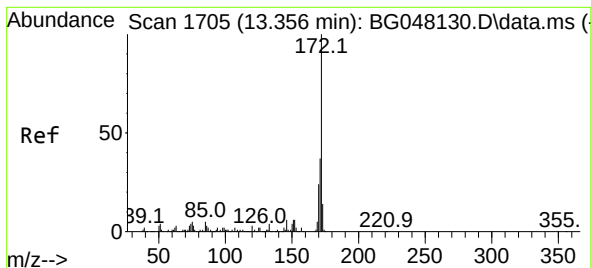
Tgt Ion:164 Resp: 114100
Ion Ratio Lower Upper
164 100
162 102.6 82.3 123.5
160 44.1 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 36.77 ng
RT: 16.310 min Scan# 2208
Delta R.T. 0.104 min
Lab File: BG048350.D
Acq: 5 Mar 2021 23:09

Tgt Ion:330 Resp: 67110
Ion Ratio Lower Upper
330 100
332 91.5 76.5 114.7
141 12.8 26.0 39.0#

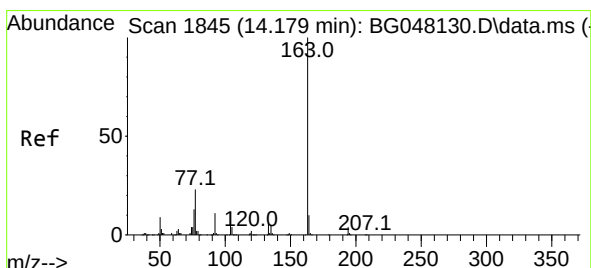
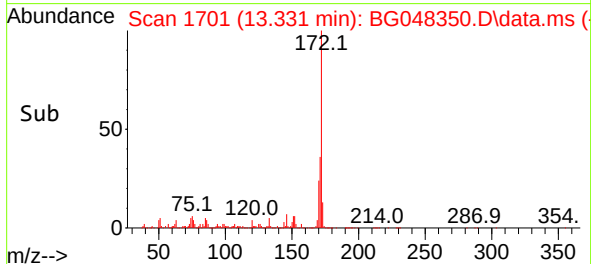
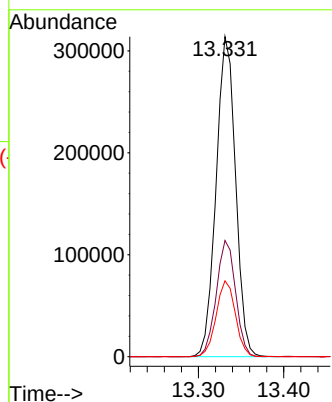
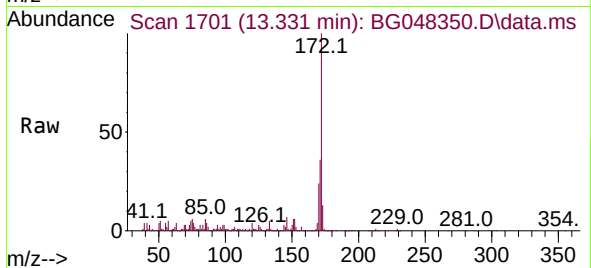




#45
2-Fluorobiphenyl
Concen: 61.21 ng
RT: 13.331 min Scan# 1701
Delta R.T. 0.005 min
Lab File: BG048350.D
Acq: 5 Mar 2021 23:09

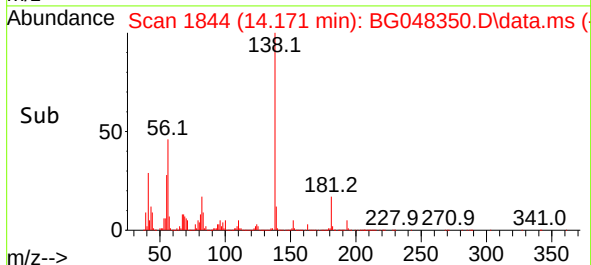
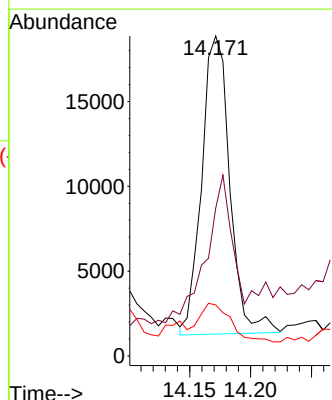
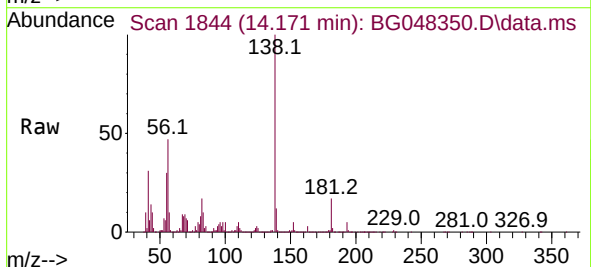
Instrument :
BNA_G
ClientSampleId :
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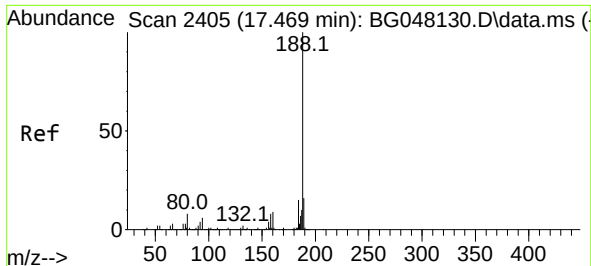
Tgt Ion:172 Resp: 498173
Ion Ratio Lower Upper
172 100
171 36.3 31.3 46.9
170 23.7 20.8 31.2



#50
Dimethylphthalate
Concen: 2.95 ng
RT: 14.171 min Scan# 1844
Delta R.T. 0.010 min
Lab File: BG048350.D
Acq: 5 Mar 2021 23:09

Tgt Ion:163 Resp: 28168
Ion Ratio Lower Upper
163 100
194 46.2 3.8 5.8#
164 16.0 8.8 13.2#

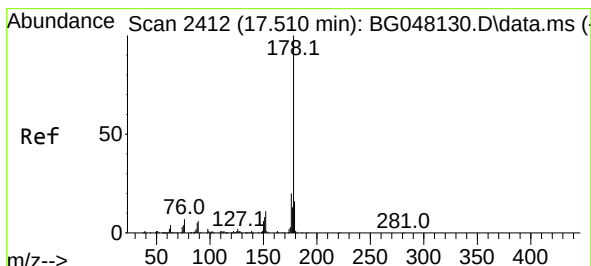
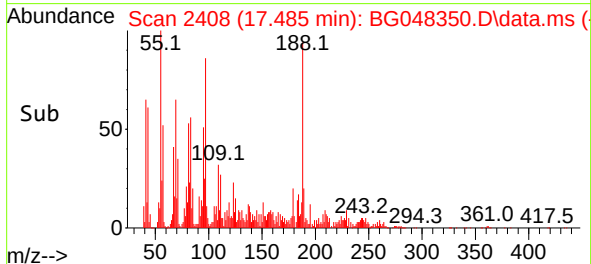
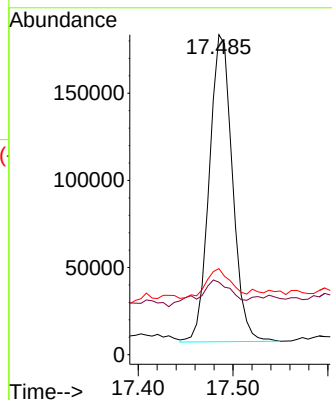
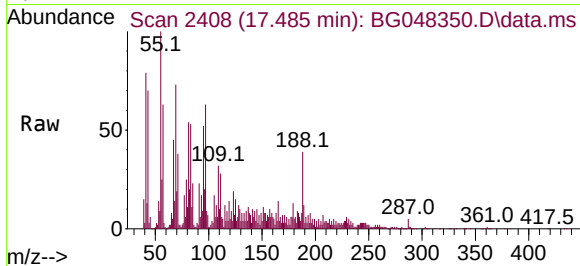




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.485 min Scan# 2408
Delta R.T. 0.028 min
Lab File: BG048350.D
Acq: 5 Mar 2021 23:09

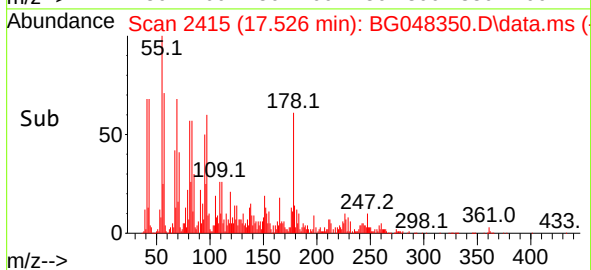
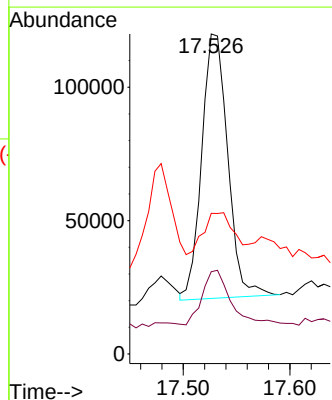
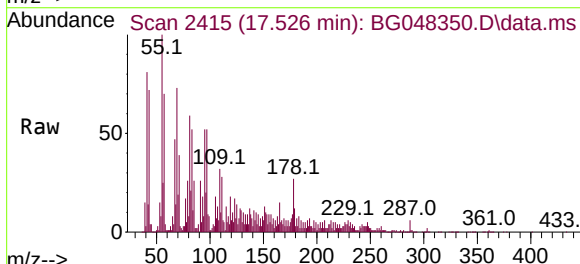
Instrument :
BNA_G
ClientSampled :
1729

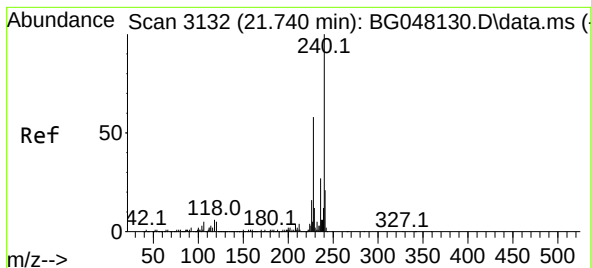
Tgt Ion:188 Resp: 298305
Ion Ratio Lower Upper
188 100
94 22.7 6.3 9.5#
80 26.9 7.0 10.6#



#71
Phenanthrene
Concen: 10.39 ng
RT: 17.526 min Scan# 2415
Delta R.T. 0.028 min
Lab File: BG048350.D
Acq: 5 Mar 2021 23:09

Tgt Ion:178 Resp: 168381
Ion Ratio Lower Upper
178 100
176 25.7 16.7 25.1#
179 44.0 14.0 21.0#





#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.768 min Scan# 3137

Delta R.T. 0.040 min

Lab File: BG048350.D

Acq: 5 Mar 2021 23:09

Tgt Ion:240 Resp: 276846

Ion Ratio Lower Upper

240 100

120 7.0 6.2 9.4

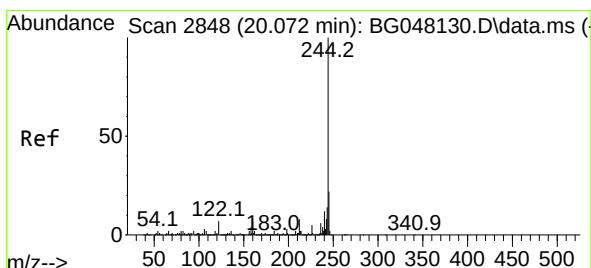
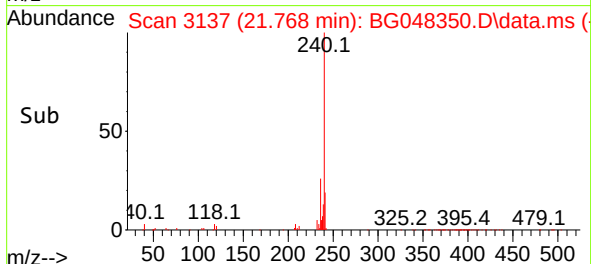
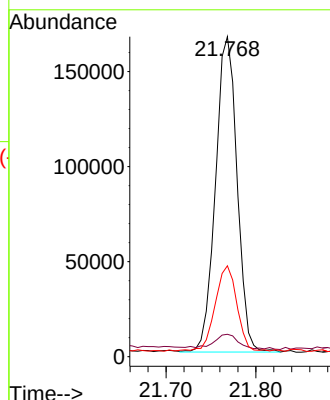
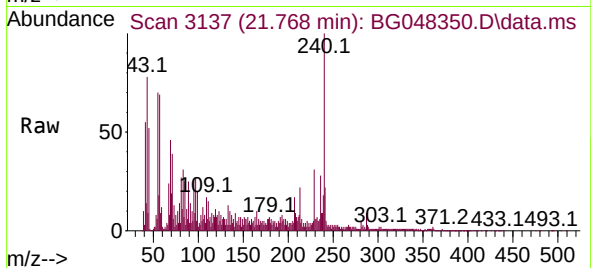
236 28.4 20.5 30.7

Instrument :

BNA_G

ClientSampleId :

1729



#79

Terphenyl-d14

Concen: 63.82 ng

RT: 20.094 min Scan# 2852

Delta R.T. 0.040 min

Lab File: BG048350.D

Acq: 5 Mar 2021 23:09

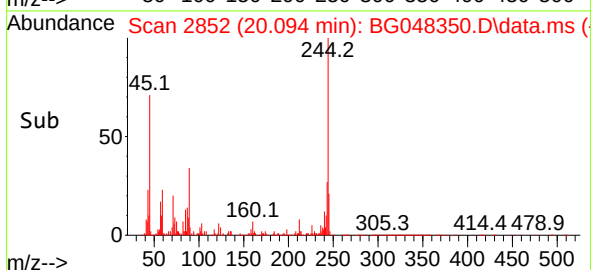
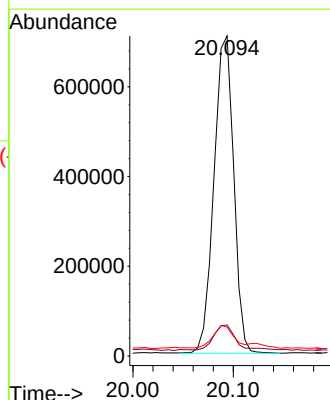
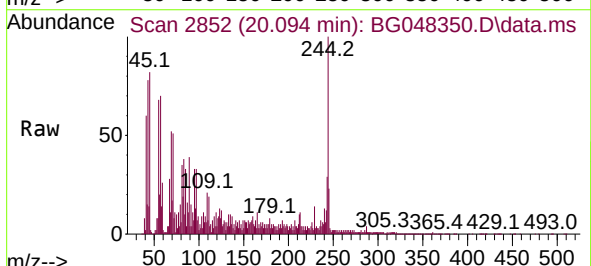
Tgt Ion:244 Resp: 966933

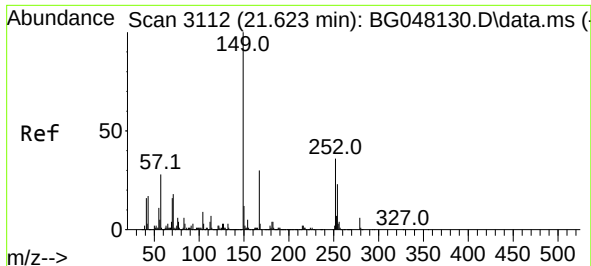
Ion Ratio Lower Upper

244 100

212 9.7 6.7 10.1

122 9.0 7.8 11.6

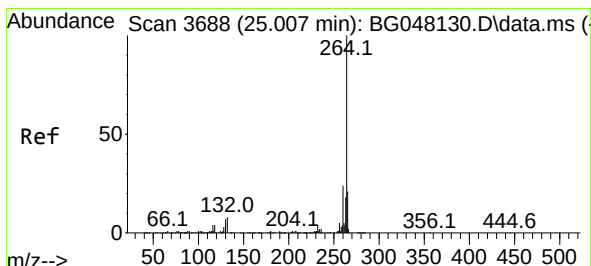
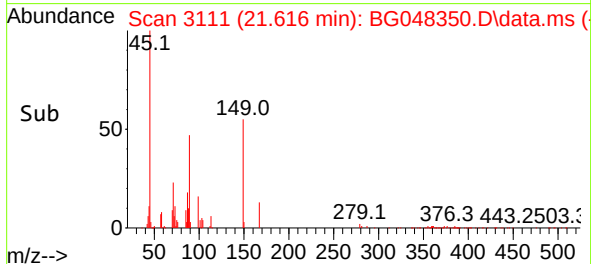
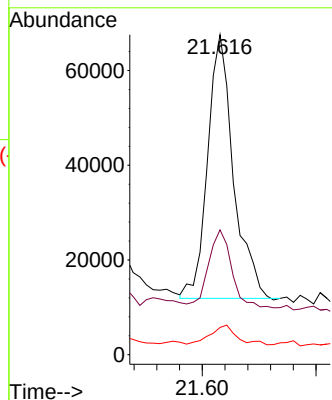
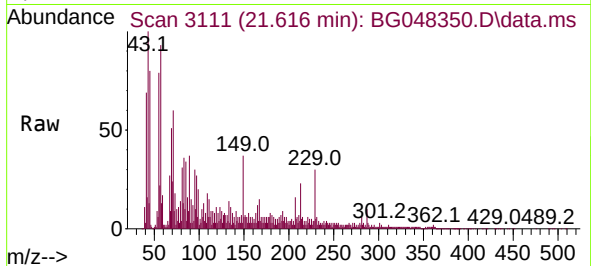




#84
Bis(2-ethylhexyl)phthalate
Concen: 9.23 ng
RT: 21.616 min Scan# 3111
Delta R.T. 0.034 min
Lab File: BG048350.D
Acq: 5 Mar 2021 23:09

Instrument :
BNA_G
ClientSampled :
1729

Tgt Ion:149 Resp: 87837
Ion Ratio Lower Upper
149 100
167 39.0 24.8 37.2#
279 8.5 4.6 7.0#



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.064 min Scan# 3698
Delta R.T. 0.075 min
Lab File: BG048350.D
Acq: 5 Mar 2021 23:09

Tgt Ion:264 Resp: 254969
Ion Ratio Lower Upper
264 100
260 26.3 18.8 28.2
265 22.3 17.8 26.8

