

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030521\
 Data File : BG048349.D
 Acq On : 5 Mar 2021 22:29
 Operator : CG/JU
 Sample : M1553-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 30-31

Quant Time: Mar 06 01:02:40 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)

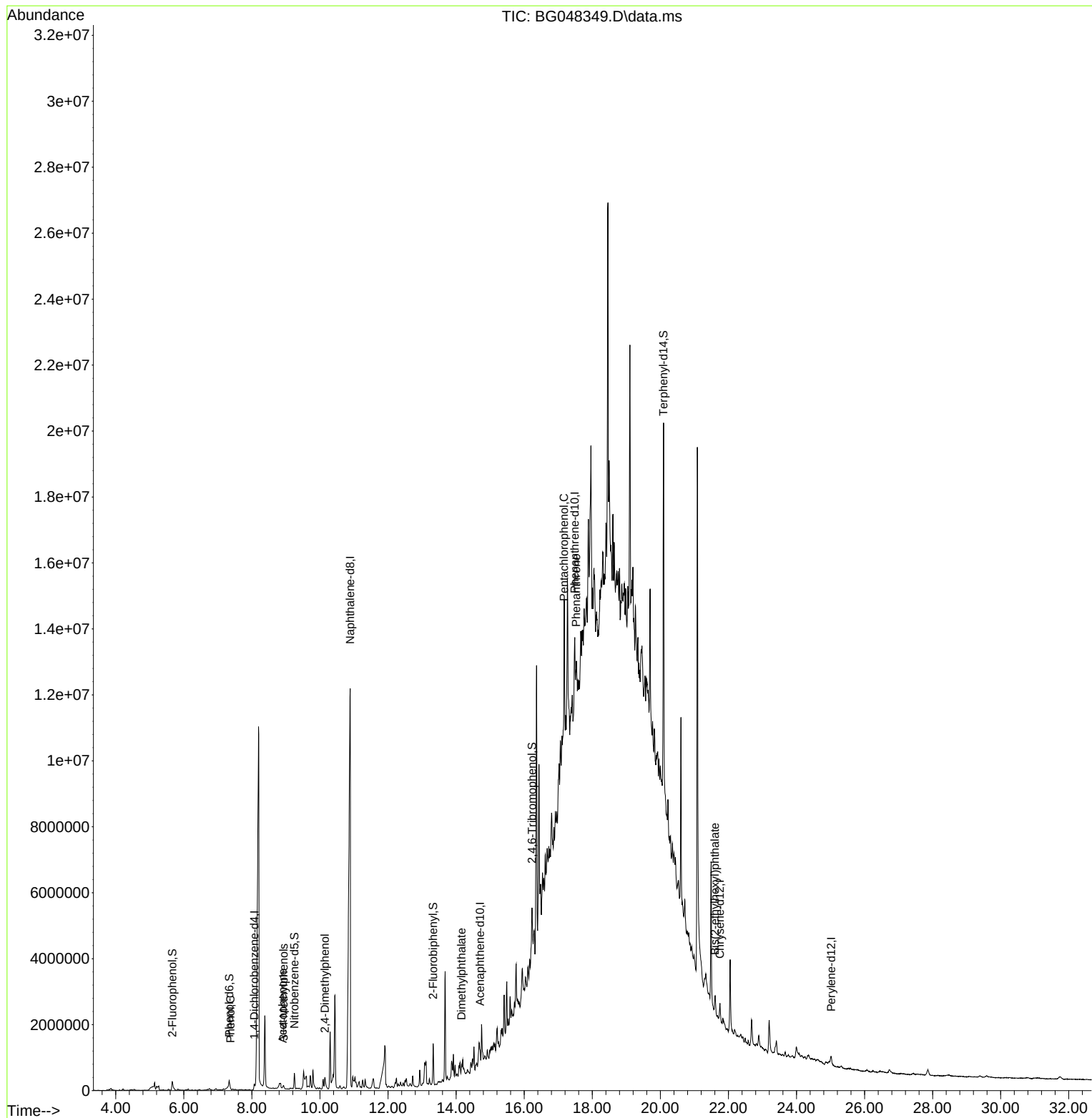
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.068	152	42569	20.00	ng	0.00
21) Naphthalene-d8	10.888	136	211104	20.00	ng	# 0.00
39) Acenaphthene-d10	14.707	164	115920	20.00	ng	0.00
64) Phenanthrene-d10	17.486	188	321605	20.00	ng	# 0.03
76) Chrysene-d12	21.752	240	276998	20.00	ng	# 0.02
86) Perylene-d12	25.018	264	256747	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.665	112	126855	50.73	ng	0.01
7) Phenol-d6	7.339	99	128695	33.87	ng	0.05
23) Nitrobenzene-d5	9.249	82	274662	55.04	ng	0.00
42) 2,4,6-Tribromophenol	16.229	330	192789	103.98	ng	0.02
45) 2-Fluorobiphenyl	13.326	172	576370	69.71	ng	0.00
79) Terphenyl-d14	20.089	244	1131713	74.66	ng	0.03
Target Compounds						Qvalue
10) Phenol	7.369	94	24357	6.34	ng	# 64
20) 3+4-Methylphenols	8.931	107	18225	5.22	ng	# 74
22) Acetophenone	8.902	105	17333	2.86	ng	# 81
27) 2,4-Dimethylphenol	10.142	122	31678	9.99	ng	# 80
50) Dimethylphthalate	14.161	163	31204	3.22	ng	# 93
70) Pentachlorophenol	17.169	266	9765	3.49	ng	# 91
71) Phenanthrene	17.527	178	196473	11.25	ng	# 62
84) Bis(2-ethylhexyl)phtha...	21.599	149	91695	9.63	ng	# 95

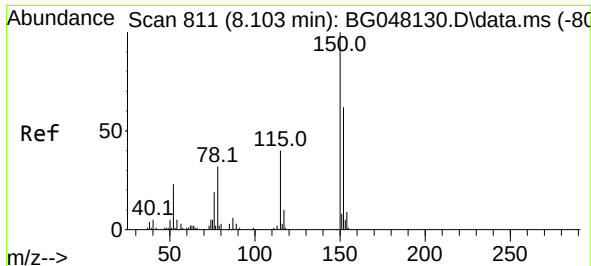
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_G
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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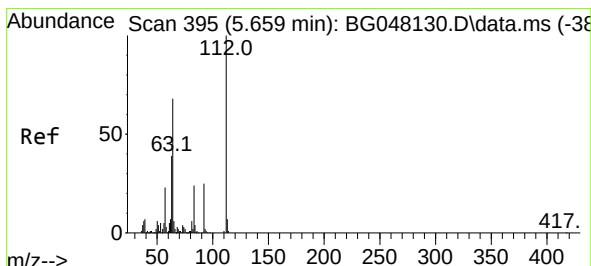
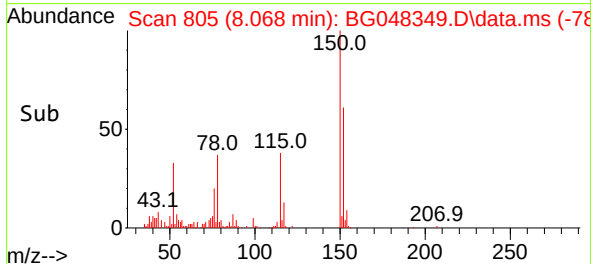
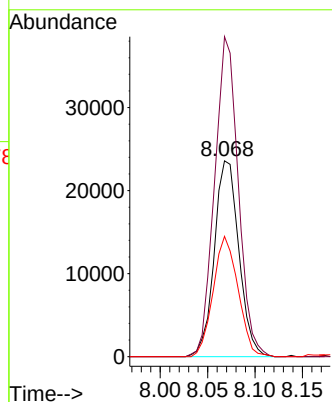
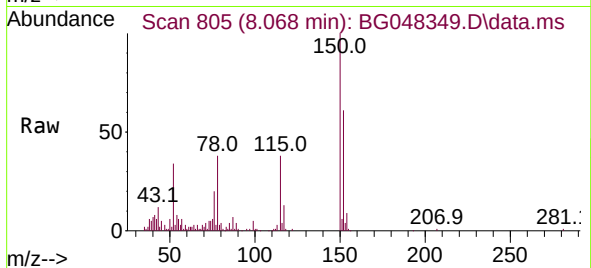




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.068 min Scan# 805
Delta R.T. -0.006 min
Lab File: BG048349.D
Acq: 5 Mar 2021 22:29

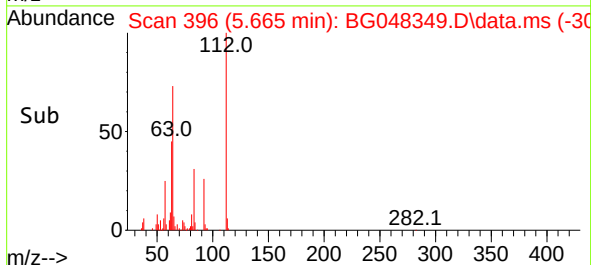
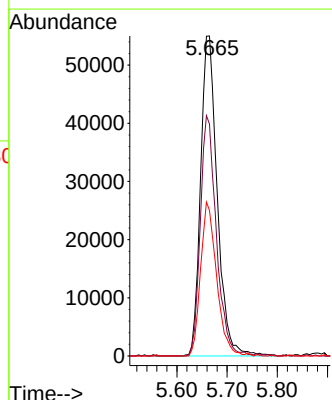
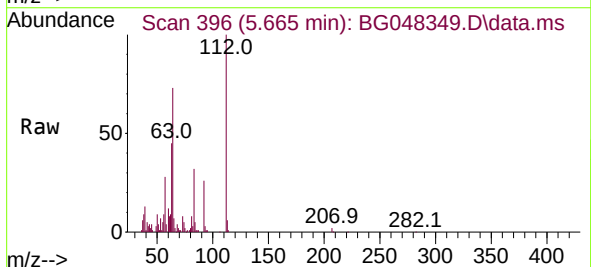
Instrument :
BNA_G
ClientSampleId :
30-31

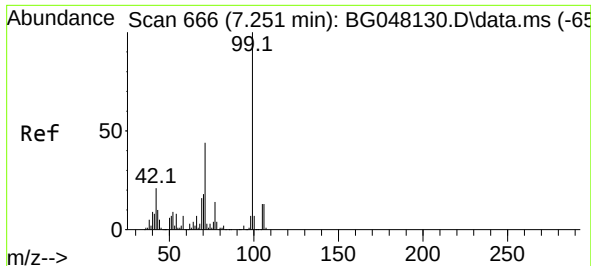
Tgt Ion:152 Resp: 42569
Ion Ratio Lower Upper
152 100
150 163.4 125.0 187.6
115 61.4 41.8 62.6



#5
2-Fluorophenol
Concen: 50.73 ng
RT: 5.665 min Scan# 396
Delta R.T. 0.011 min
Lab File: BG048349.D
Acq: 5 Mar 2021 22:29

Tgt Ion:112 Resp: 126855
Ion Ratio Lower Upper
112 100
64 72.5 46.7 70.1#
63 45.5 22.8 34.2#

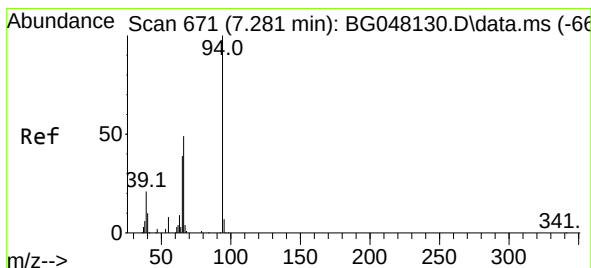
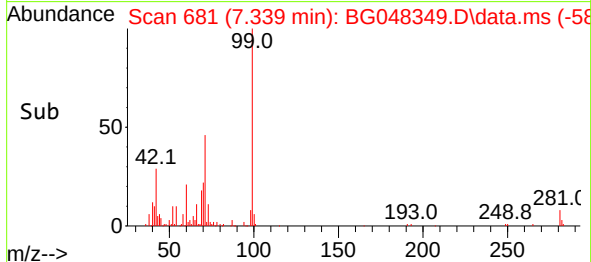
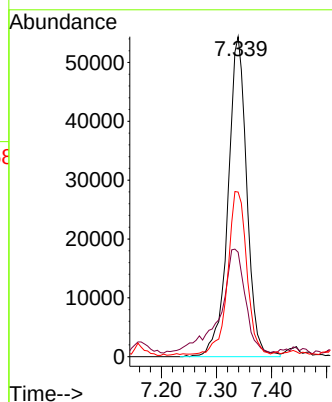
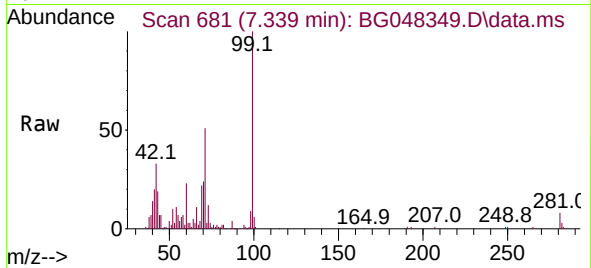




#7
Phenol-d6
Concen: 33.87 ng
RT: 7.339 min Scan# 681
Delta R.T. 0.053 min
Lab File: BG048349.D
Acq: 5 Mar 2021 22:29

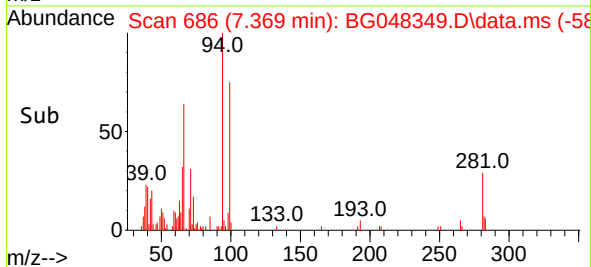
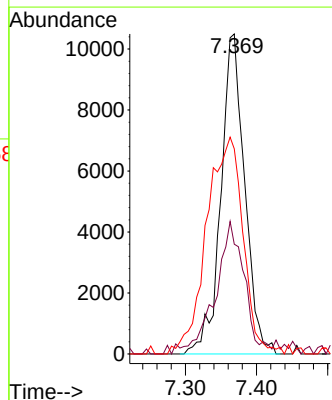
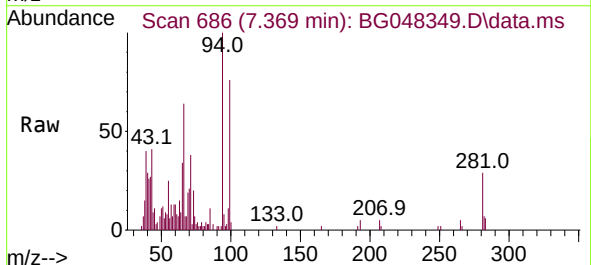
Instrument :
BNA_G
ClientSampleId :
30-31

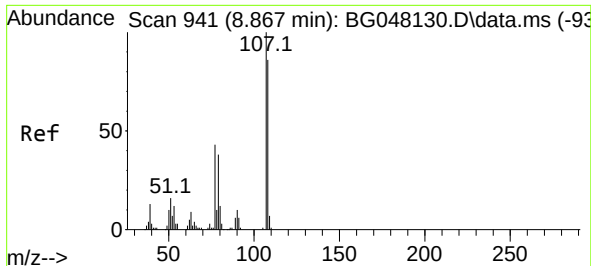
Tgt Ion: 99 Resp: 128695
Ion Ratio Lower Upper
99 100
42 32.6 12.8 19.2#
71 51.4 24.6 36.8#



#10
Phenol
Concen: 6.34 ng
RT: 7.369 min Scan# 686
Delta R.T. 0.058 min
Lab File: BG048349.D
Acq: 5 Mar 2021 22:29

Tgt Ion: 94 Resp: 24357
Ion Ratio Lower Upper
94 100
65 34.3 6.6 46.6
66 64.1 13.9 53.9#

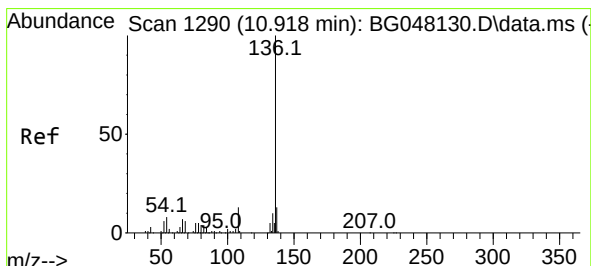
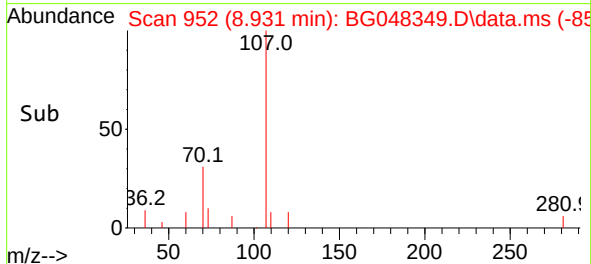
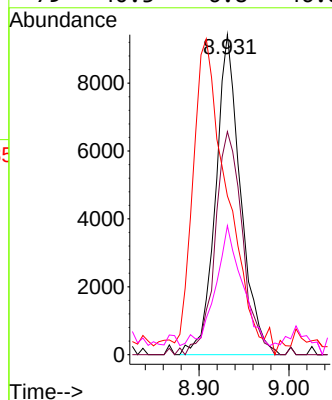
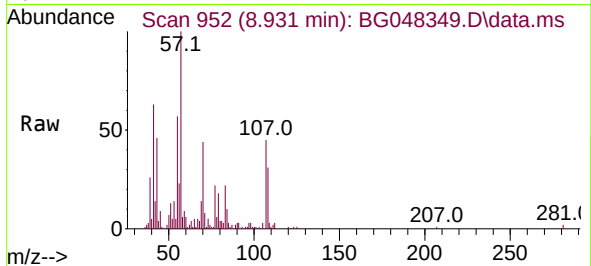




#20
3+4-Methylphenols
Concen: 5.22 ng
RT: 8.931 min Scan# 952
Delta R.T. 0.041 min
Lab File: BG048349.D
Acq: 5 Mar 2021 22:29

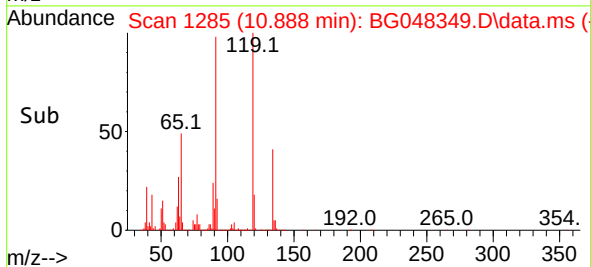
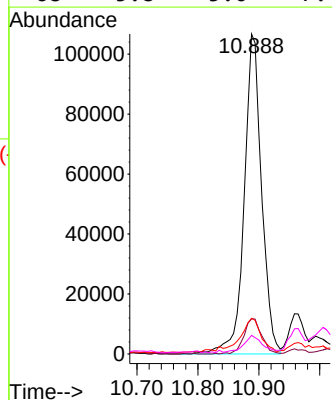
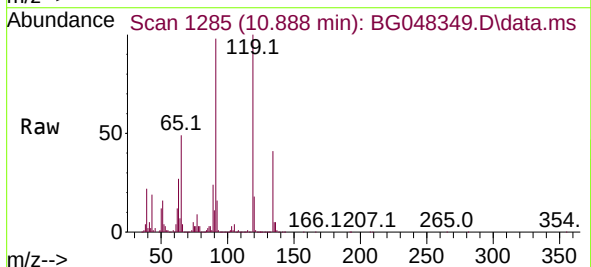
Instrument :
BNA_G
ClientSampled :
30-31

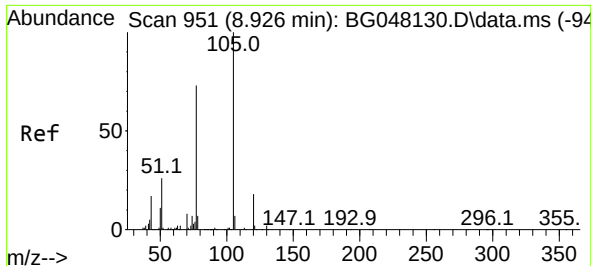
Tgt Ion:107 Resp: 18225
Ion Ratio Lower Upper
107 100
108 69.7 70.6 110.6#
77 49.6 10.2 50.2
79 40.3 6.8 46.8



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.888 min Scan# 1285
Delta R.T. -0.000 min
Lab File: BG048349.D
Acq: 5 Mar 2021 22:29

Tgt Ion:136 Resp: 211104
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 11.2 6.2 9.4#
68 5.8 5.0 7.4

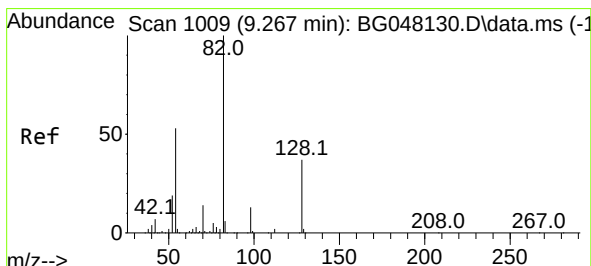
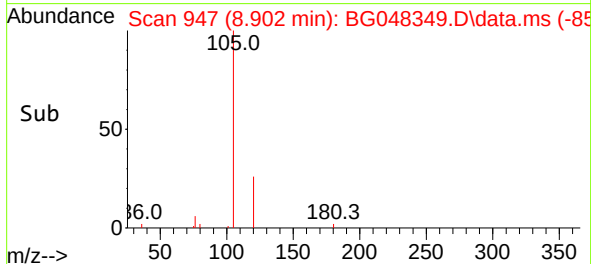
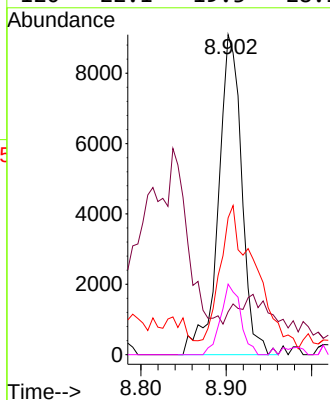
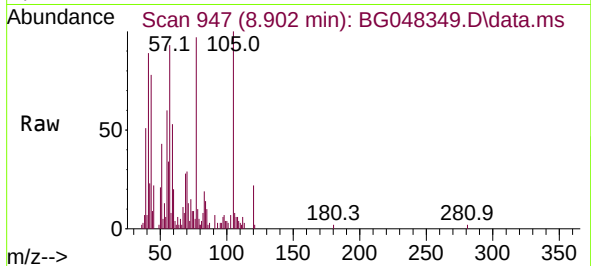




#22
Acetophenone
Concen: 2.86 ng
RT: 8.902 min Scan# 947
Delta R.T. -0.000 min
Lab File: BG048349.D
Acq: 5 Mar 2021 22:29

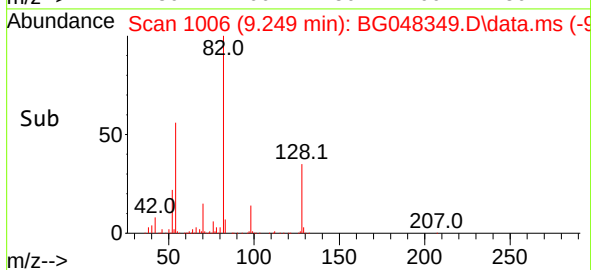
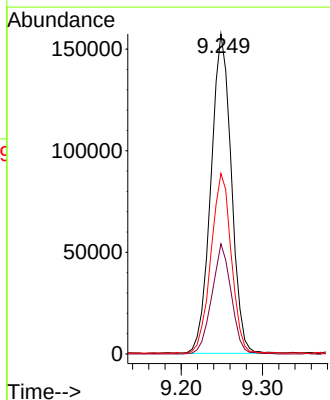
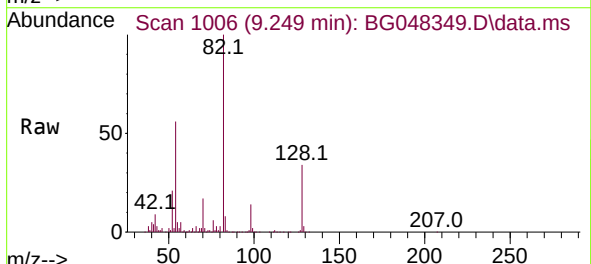
Instrument :
BNA_G
ClientSampled :
30-31

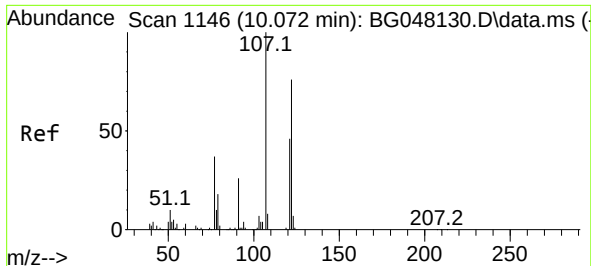
Tgt Ion:105 Resp: 17333
Ion Ratio Lower Upper
105 100
71 13.4 2.7 4.1#
51 42.7 21.0 31.6#
120 22.1 19.3 28.9



#23
Nitrobenzene-d5
Concen: 55.04 ng
RT: 9.249 min Scan# 1006
Delta R.T. -0.000 min
Lab File: BG048349.D
Acq: 5 Mar 2021 22:29

Tgt Ion: 82 Resp: 274662
Ion Ratio Lower Upper
82 100
128 34.4 37.0 55.6#
54 56.4 39.0 58.4

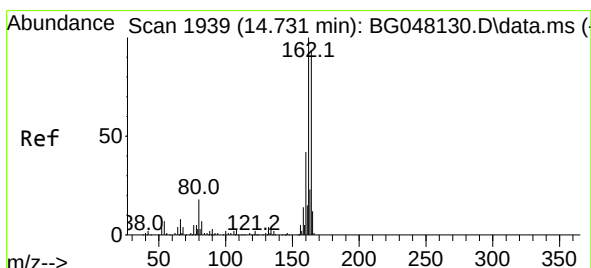
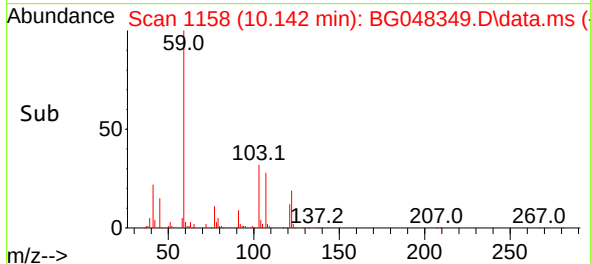
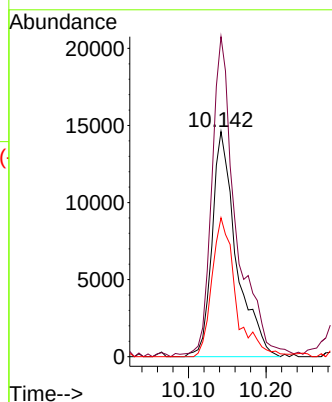
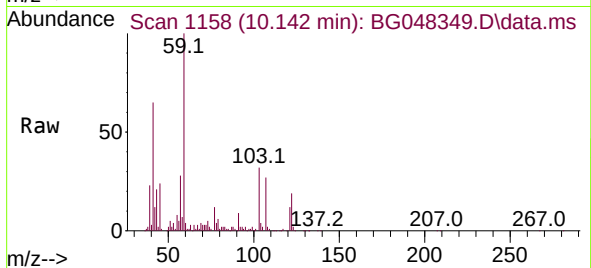




#27
2,4-Dimethylphenol
Concen: 9.99 ng
RT: 10.142 min Scan# 1158
Delta R.T. 0.058 min
Lab File: BG048349.D
Acq: 5 Mar 2021 22:29

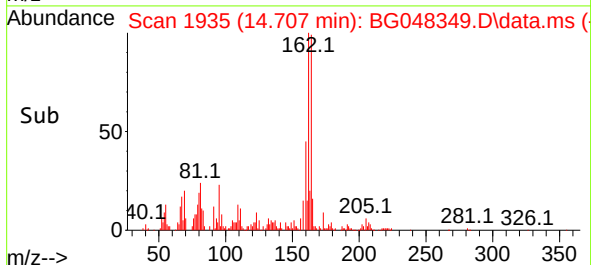
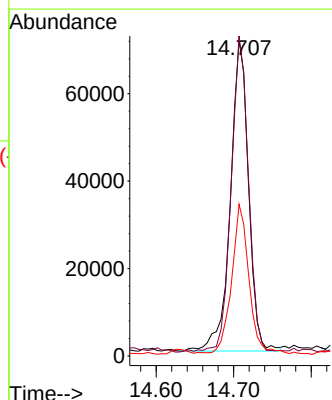
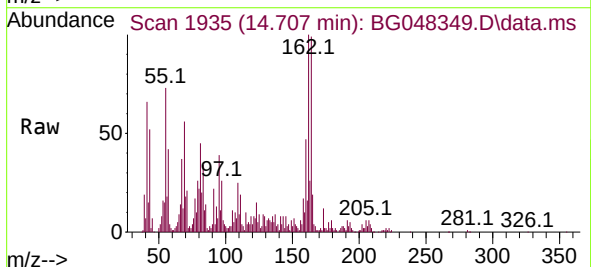
Instrument :
BNA_G
ClientSampled :
30-31

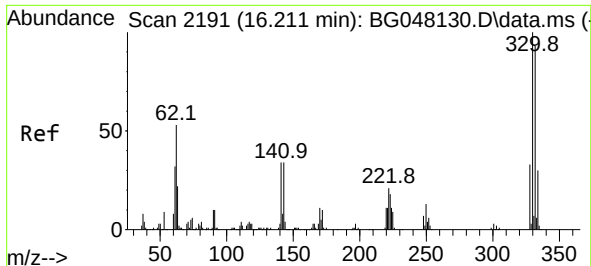
Tgt Ion:122 Resp: 31678
Ion Ratio Lower Upper
122 100
107 142.2 89.2 133.8#
121 61.7 46.9 70.3



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.707 min Scan# 1935
Delta R.T. -0.000 min
Lab File: BG048349.D
Acq: 5 Mar 2021 22:29

Tgt Ion:164 Resp: 115920
Ion Ratio Lower Upper
164 100
162 101.5 82.3 123.5
160 48.1 35.3 52.9

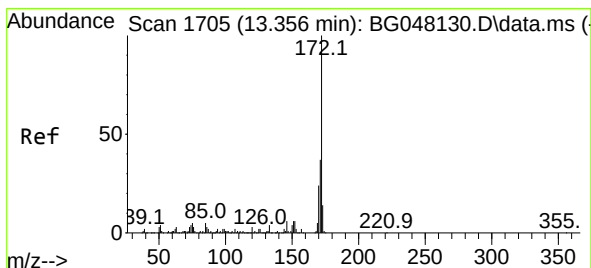
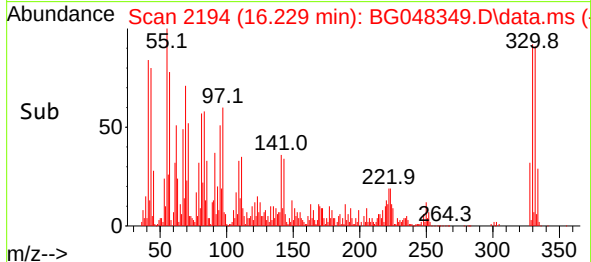
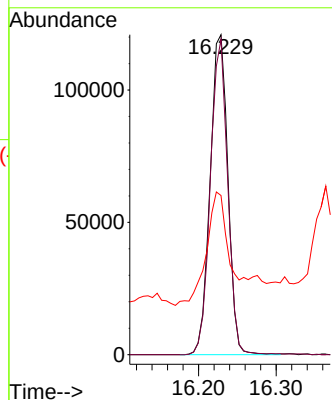
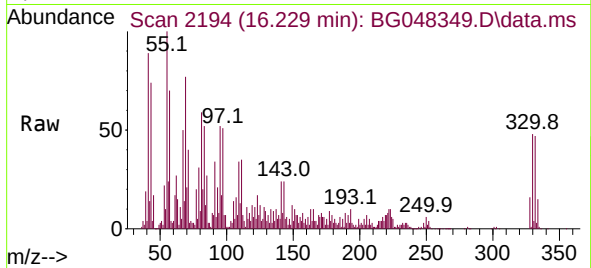




#42
2,4,6-Tribromophenol
Concen: 103.98 ng
RT: 16.229 min Scan# 2194
Delta R.T. 0.023 min
Lab File: BG048349.D
Acq: 5 Mar 2021 22:29

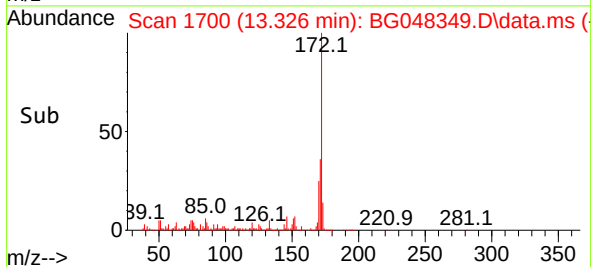
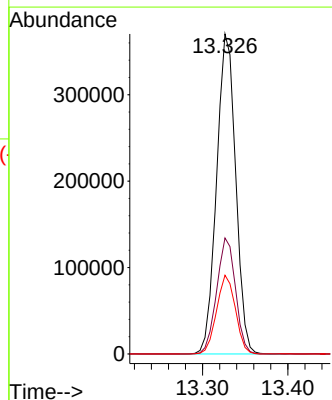
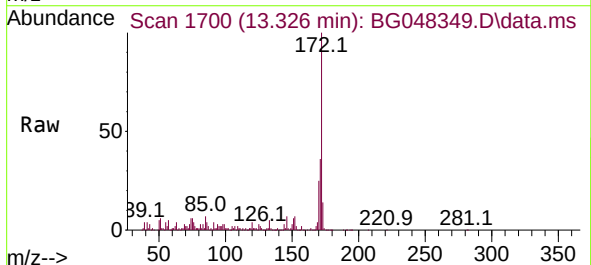
Instrument :
BNA_G
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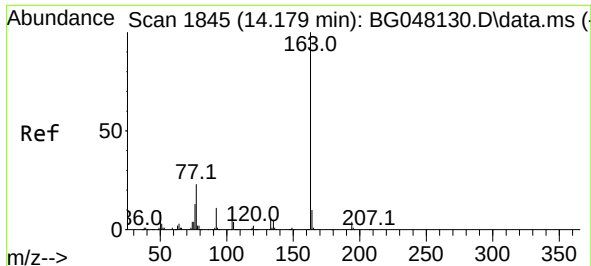
Tgt Ion:330 Resp: 192789
Ion Ratio Lower Upper
330 100
332 95.5 76.5 114.7
141 42.4 26.0 39.0#



#45
2-Fluorobiphenyl
Concen: 69.71 ng
RT: 13.326 min Scan# 1700
Delta R.T. -0.000 min
Lab File: BG048349.D
Acq: 5 Mar 2021 22:29

Tgt Ion:172 Resp: 576370
Ion Ratio Lower Upper
172 100
171 36.2 31.3 46.9
170 24.6 20.8 31.2

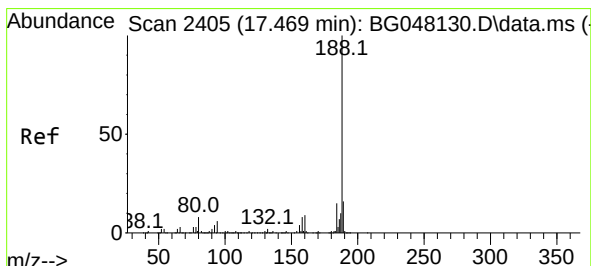
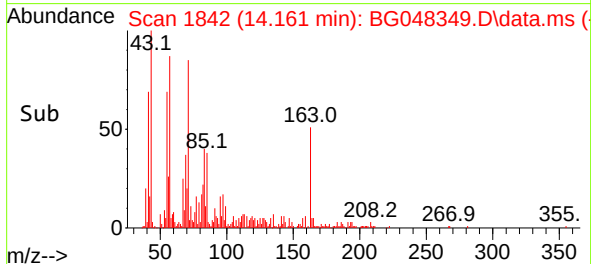
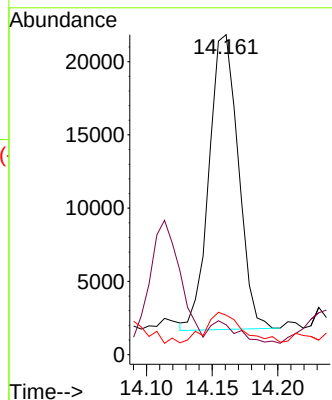
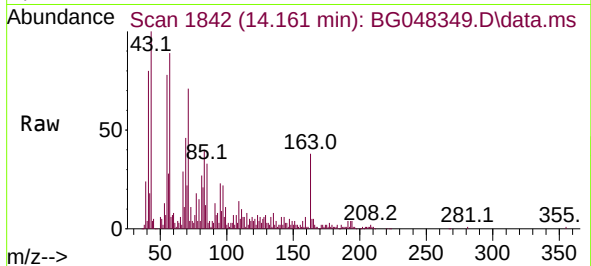




#50
Dimethylphthalate
Concen: 3.22 ng
RT: 14.161 min Scan# 1842
Delta R.T. -0.000 min
Lab File: BG048349.D
Acq: 5 Mar 2021 22:29

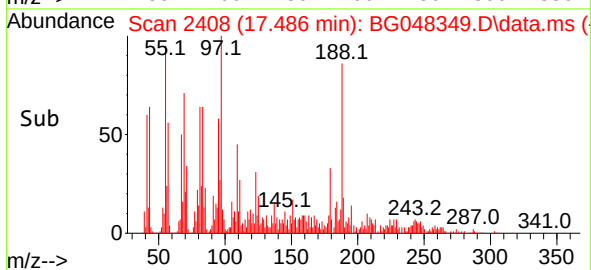
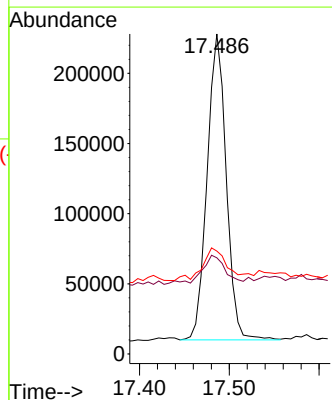
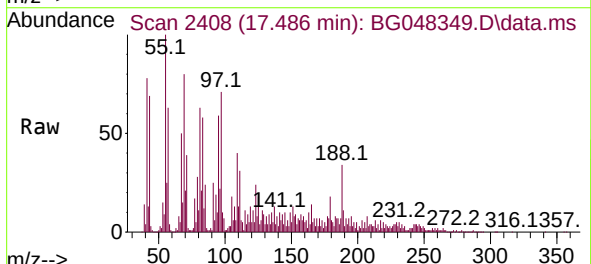
Instrument :
BNA_G
ClientSampleId :
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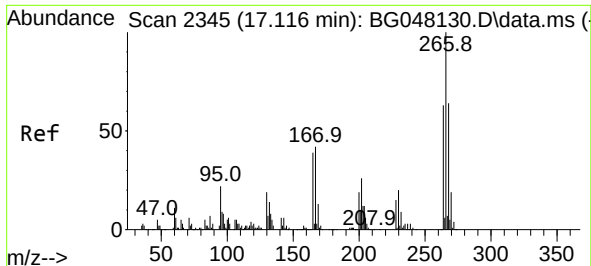
Tgt Ion:163 Resp: 31204
Ion Ratio Lower Upper
163 100
194 9.4 3.8 5.8#
164 12.3 8.8 13.2



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.486 min Scan# 2408
Delta R.T. 0.029 min
Lab File: BG048349.D
Acq: 5 Mar 2021 22:29

Tgt Ion:188 Resp: 321605
Ion Ratio Lower Upper
188 100
94 30.1 6.3 9.5#
80 32.2 7.0 10.6#

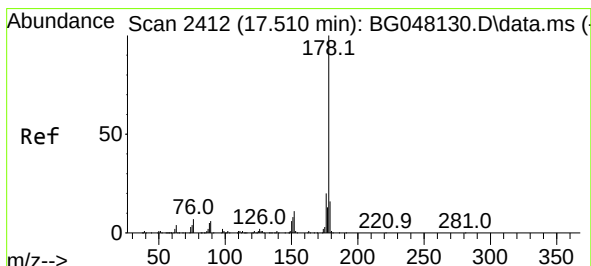
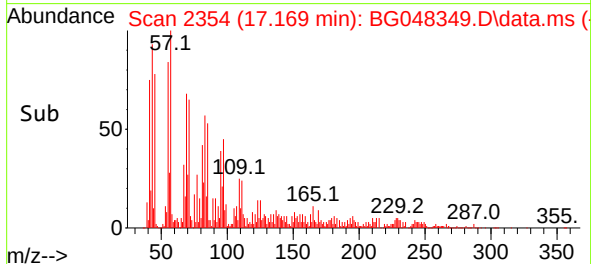
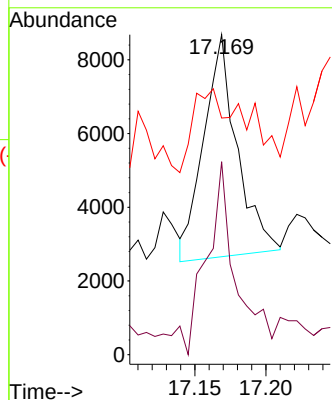
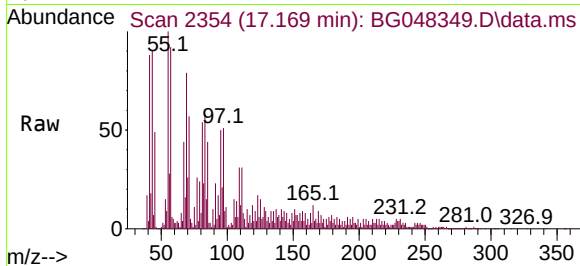




#70
 Pentachlorophenol
 Concen: 3.49 ng
 RT: 17.169 min Scan# 2354
 Delta R.T. 0.047 min
 Lab File: BG048349.D
 Acq: 5 Mar 2021 22:29

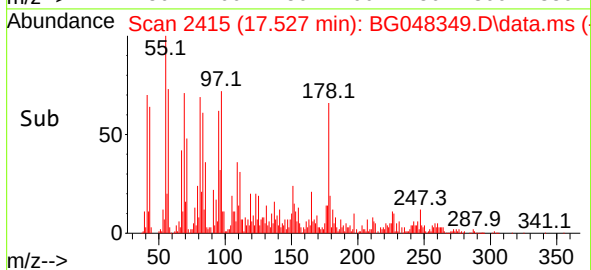
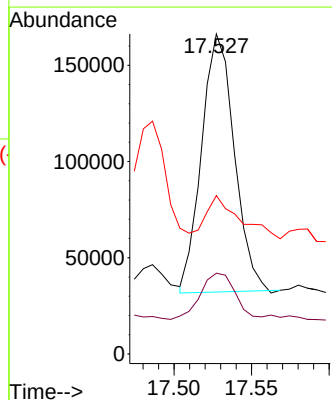
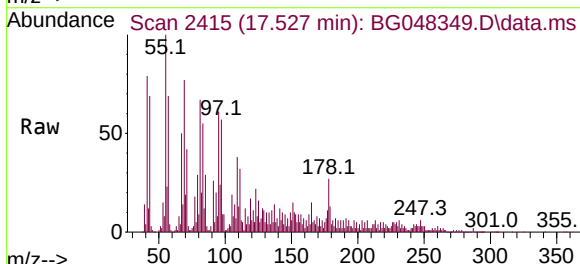
Instrument :
 BNA_G
 ClientSampleId :
 30-31

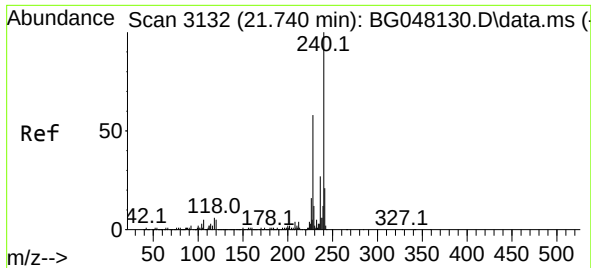
Tgt Ion:266 Resp: 9765
 Ion Ratio Lower Upper
 266 100
 268 60.3 49.8 74.6
 264 73.9 49.3 73.9#



#71
 Phenanthrene
 Concen: 11.25 ng
 RT: 17.527 min Scan# 2415
 Delta R.T. 0.029 min
 Lab File: BG048349.D
 Acq: 5 Mar 2021 22:29

Tgt Ion:178 Resp: 196473
 Ion Ratio Lower Upper
 178 100
 176 25.2 16.7 25.1#
 179 49.5 14.0 21.0#

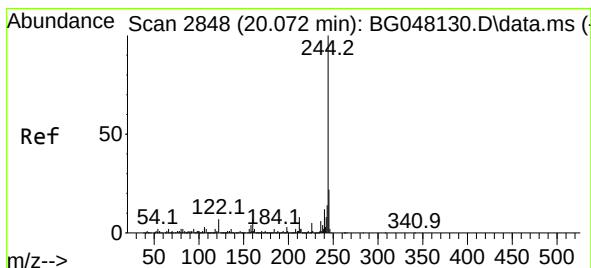
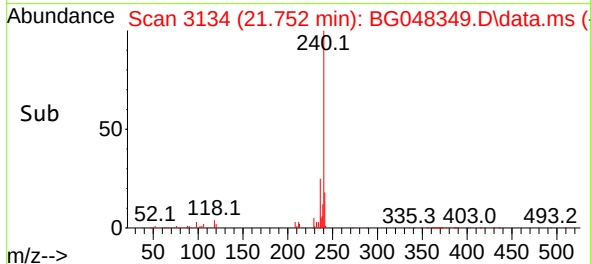
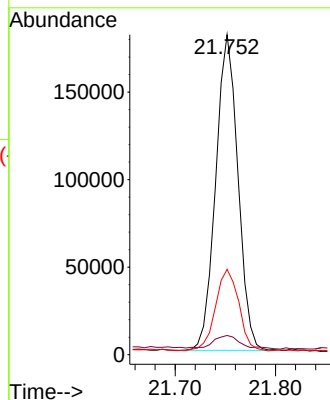
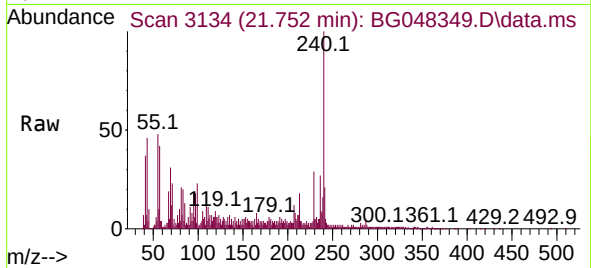




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.752 min Scan# 3134
Delta R.T. 0.023 min
Lab File: BG048349.D
Acq: 5 Mar 2021 22:29

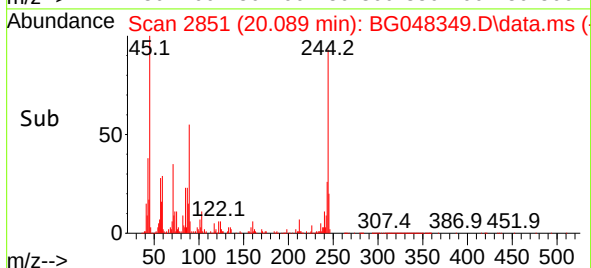
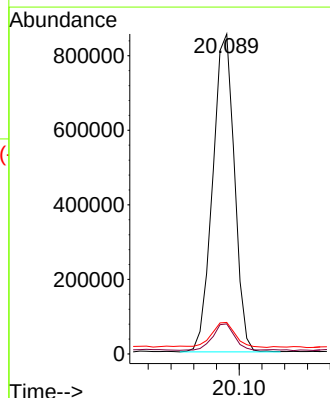
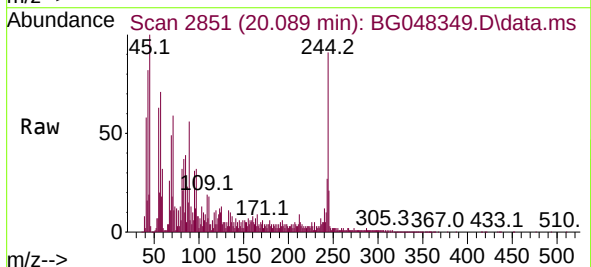
Instrument :
BNA_G
ClientSampled :
30-31

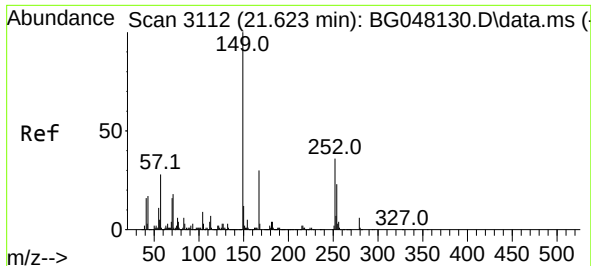
Tgt Ion:240 Resp: 276998
Ion Ratio Lower Upper
240 100
120 6.0 6.2 9.4#
236 26.6 20.5 30.7



#79
Terphenyl-d14
Concen: 74.66 ng
RT: 20.089 min Scan# 2851
Delta R.T. 0.035 min
Lab File: BG048349.D
Acq: 5 Mar 2021 22:29

Tgt Ion:244 Resp: 1131713
Ion Ratio Lower Upper
244 100
212 9.4 6.7 10.1
122 9.8 7.8 11.6

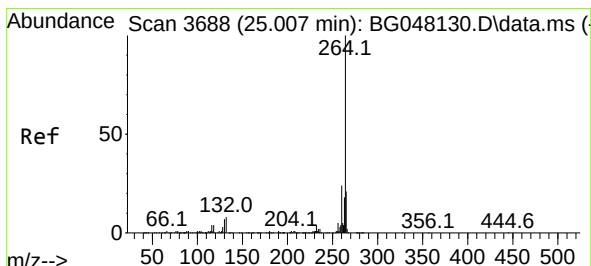
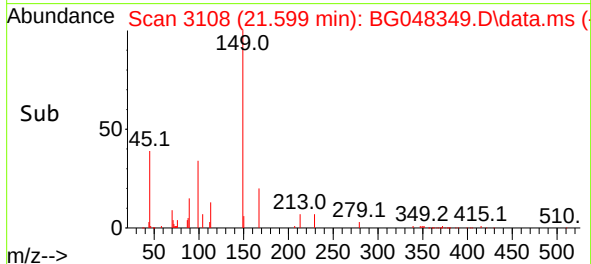
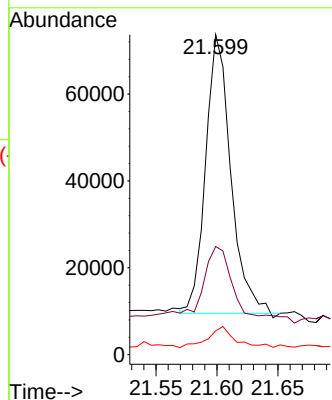
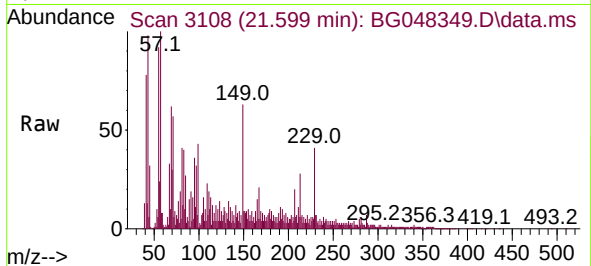




#84
Bis(2-ethylhexyl)phthalate
Concen: 9.63 ng
RT: 21.599 min Scan# 3108
Delta R.T. 0.017 min
Lab File: BG048349.D
Acq: 5 Mar 2021 22:29

Instrument :
BNA_G
ClientSampled :
30-31

Tgt Ion:149 Resp: 91695
Ion Ratio Lower Upper
149 100
167 33.8 24.8 37.2
279 7.4 4.6 7.0#



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.018 min Scan# 3690
Delta R.T. 0.029 min
Lab File: BG048349.D
Acq: 5 Mar 2021 22:29

Tgt Ion:264 Resp: 256747
Ion Ratio Lower Upper
264 100
260 24.2 18.8 28.2
265 22.2 17.8 26.8

