

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111120\
 Data File : BG047281.D
 Acq On : 10 Nov 2020 23:06
 Operator : CG/JU
 Sample : L4671-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 2A

Quant Time: Nov 11 02:01:40 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG110420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 04 16:19:40 2020
 Response via : Initial Calibration

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

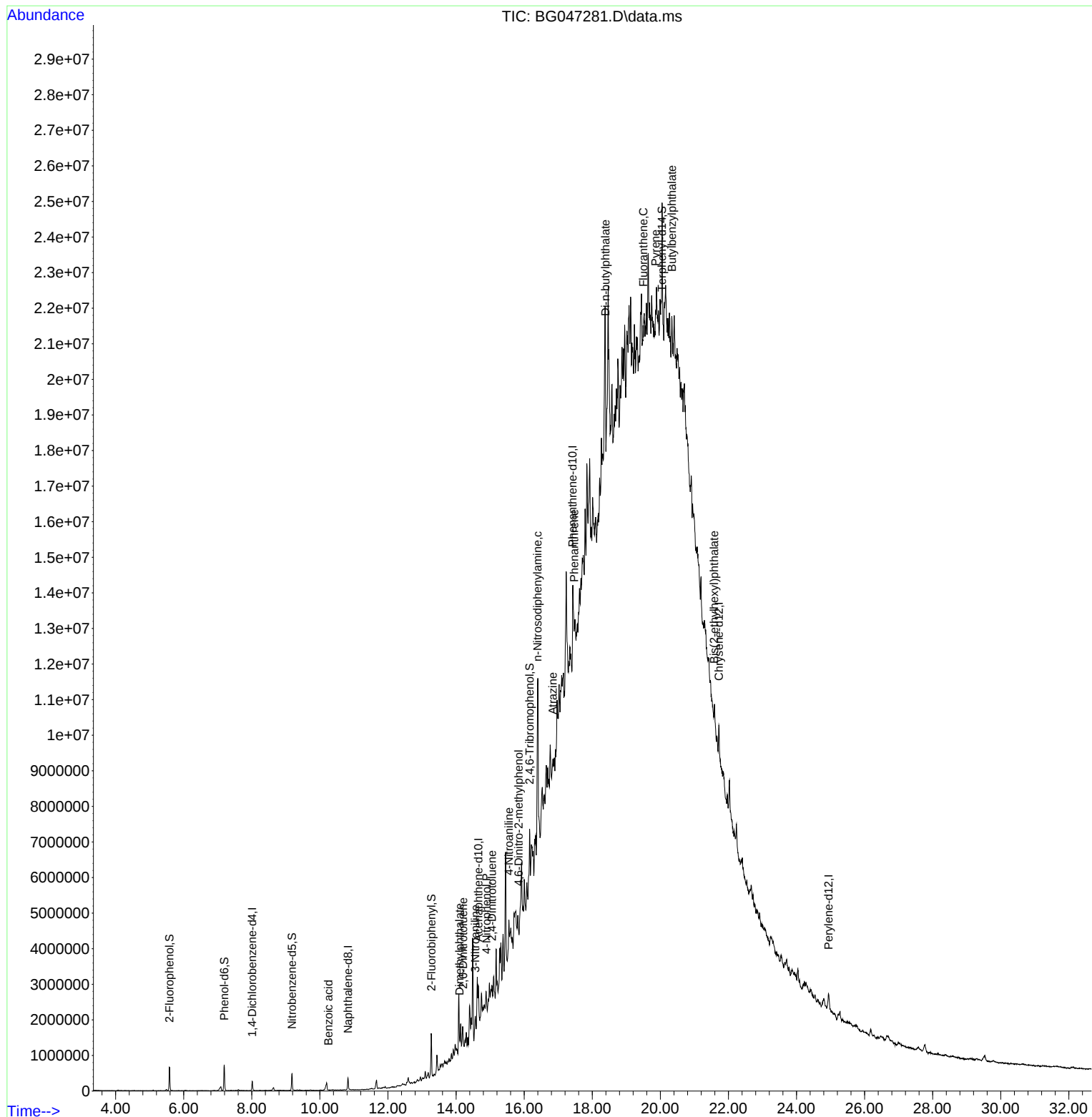
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.011	152	67802	20.00	ng	0.00
21) Naphthalene-d8	10.826	136	266399	20.00	ng	0.01
39) Acenaphthene-d10	14.656	164	176982	20.00	ng	0.01
64) Phenanthrene-d10	17.424	188	398306	20.00	ng	# 0.04
76) Chrysene-d12	21.719	240	382108	20.00	ng	# 0.07
86) Perylene-d12	24.944	264	343855	20.00	ng	# 0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.579	112	276804	66.18	ng	0.02
7) Phenol-d6	7.189	99	382262	63.13	ng	0.03
23) Nitrobenzene-d5	9.181	82	271870	43.80	ng	0.01
42) 2,4,6-Tribromophenol	16.161	330	187322	63.21	ng	0.03
45) 2-Fluorobiphenyl	13.276	172	575482	41.70	ng	0.01
79) Terphenyl-d14	20.050	244	1055092	48.56	ng	0.05
Target Compounds						Qvalue
32) Benzoic acid	10.250	122	226	4.81	ng	96
50) Dimethylphthalate	14.104	163	105628	6.76	ng	# 88
51) 2,6-Dinitrotoluene	14.204	165	16630	5.13	ng	# 53
53) 3-Nitroaniline	14.562	138	21787	6.75	ng	# 27
56) 4-Nitrophenol	14.891	139	10151	4.06	ng	# 1
57) 2,4-Dinitrotoluene	15.056	165	11584	2.45	ng	# 59
62) 4-Nitroaniline	15.550	138	58504	16.88	ng	89
65) 4,6-Dinitro-2-methylph...	15.837	198	10266	3.71	ng	# 1
66) n-Nitrosodiphenylamine	16.390	169	322096	26.29	ng	89
69) Atrazine	16.842	200	10992	2.10	ng	# 1
71) Phenanthrene	17.471	178	265182	11.47	ng	# 55
74) Di-n-butylphthalate	18.387	149	140976	5.82	ng	# 23
75) Fluoranthene	19.498	202	86719	2.95	ng	# 1
78) Pyrene	19.862	202	91567	3.44	ng	# 1
80) Butylbenzylphthalate	20.338	149	65555	6.53	ng	# 28
84) Bis(2-ethylhexyl)phtha...	21.584	149	56550	4.03	ng	# 72

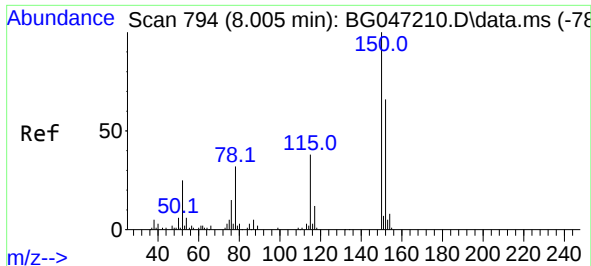
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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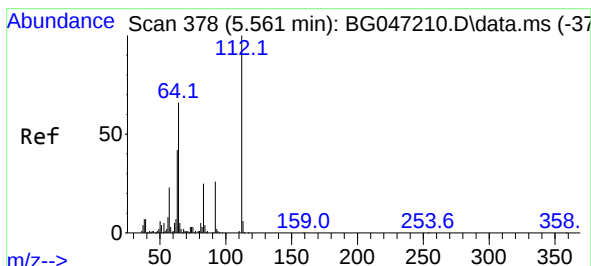
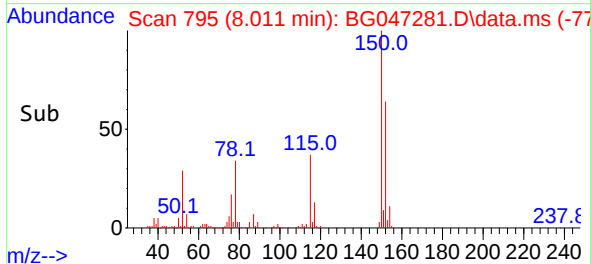
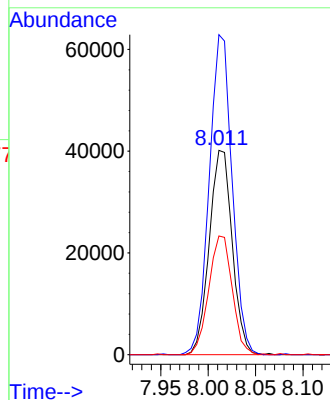
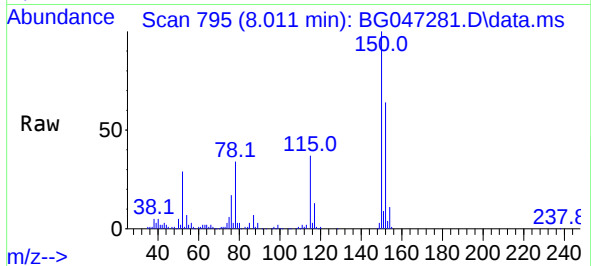




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.011 min Scan# 795
Delta R.T. 0.006 min
Lab File: BG047281.D
Acq: 10 Nov 2020 23:06

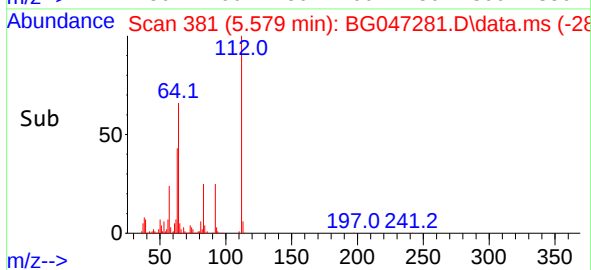
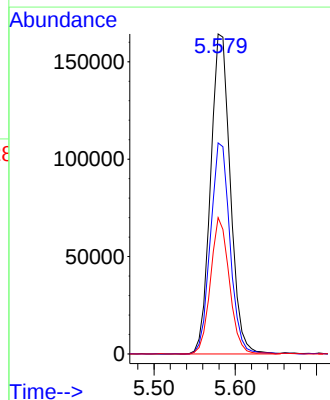
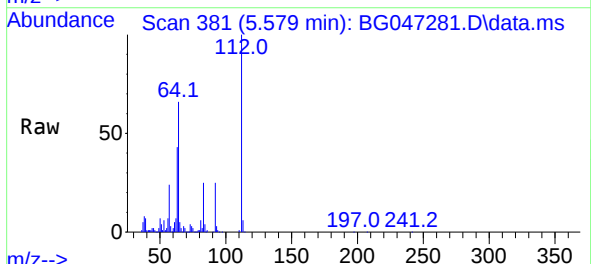
Instrument :
BNA_G
ClientSampleId :
2A

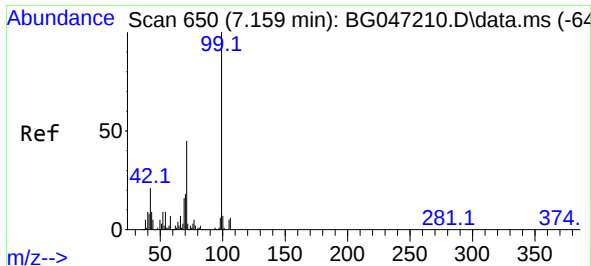
Tgt Ion:152 Resp: 67802
Ion Ratio Lower Upper
152 100
150 156.6 125.0 187.6
115 58.1 41.8 62.6



#5
2-Fluorophenol
Concen: 66.18 ng
RT: 5.579 min Scan# 381
Delta R.T. 0.018 min
Lab File: BG047281.D
Acq: 10 Nov 2020 23:06

Tgt Ion:112 Resp: 276804
Ion Ratio Lower Upper
112 100
64 65.9 46.7 70.1
63 42.6 22.8 34.2#

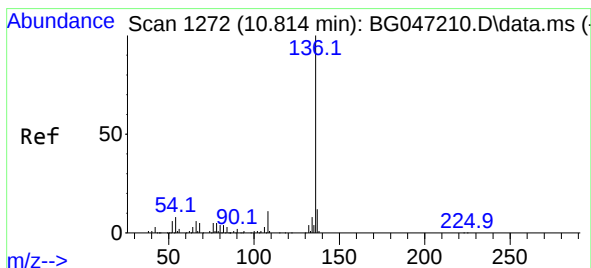
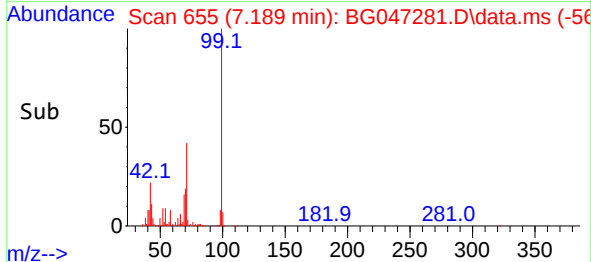
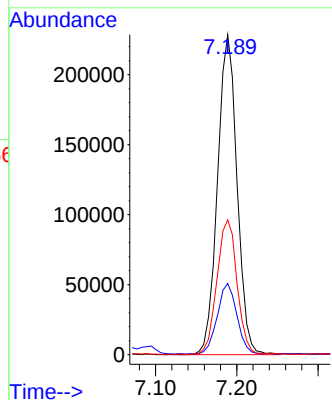
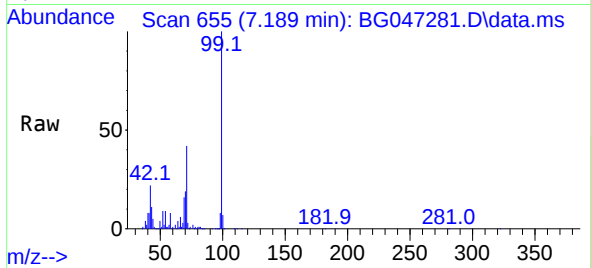




#7
Phenol-d6
Concen: 63.13 ng
RT: 7.189 min Scan# 655
Delta R.T. 0.030 min
Lab File: BG047281.D
Acq: 10 Nov 2020 23:06

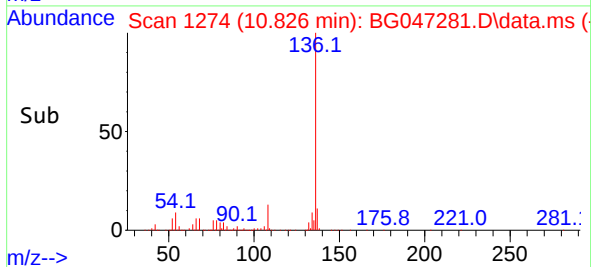
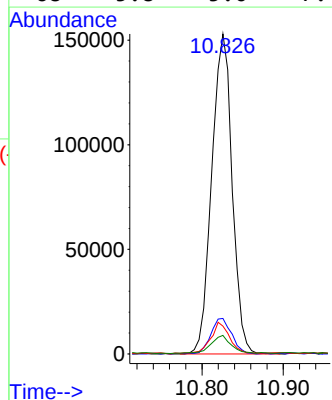
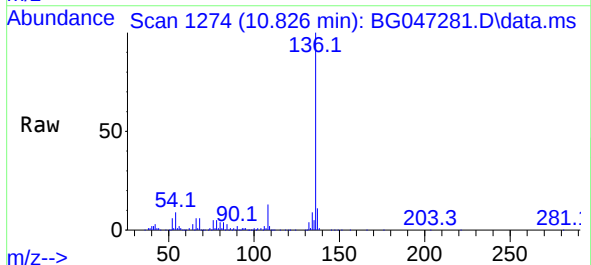
Instrument :
BNA_G
ClientSampleId :
2A

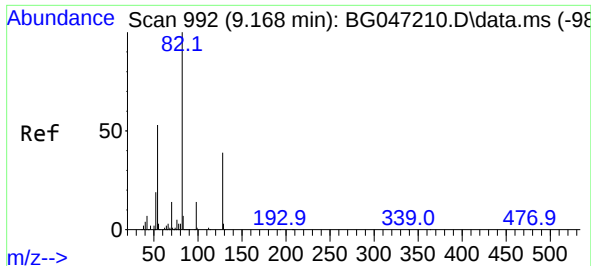
Tgt Ion: 99 Resp: 382262
Ion Ratio Lower Upper
99 100
42 22.2 12.8 19.2#
71 42.2 24.6 36.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.826 min Scan# 1274
Delta R.T. 0.012 min
Lab File: BG047281.D
Acq: 10 Nov 2020 23:06

Tgt Ion: 136 Resp: 266399
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 8.7 6.2 9.4
68 5.8 5.0 7.4

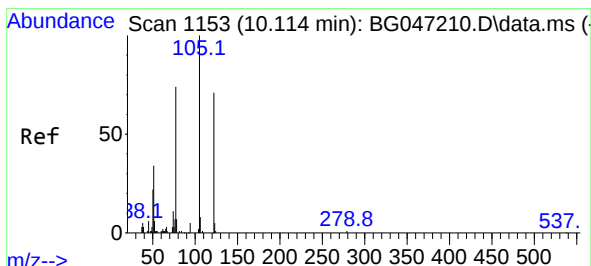
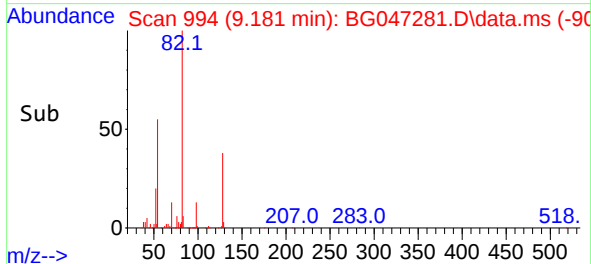
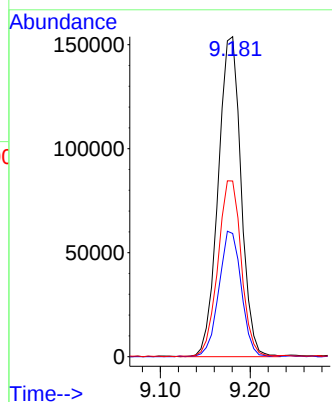
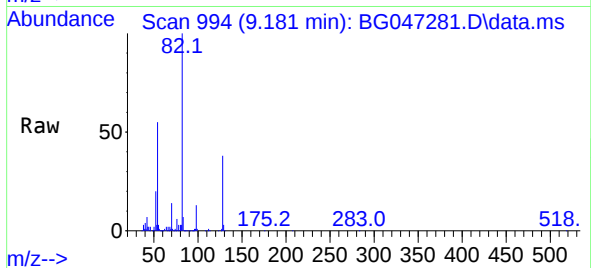




#23
Nitrobenzene-d5
Concen: 43.80 ng
RT: 9.181 min Scan# 994
Delta R.T. 0.012 min
Lab File: BG047281.D
Acq: 10 Nov 2020 23:06

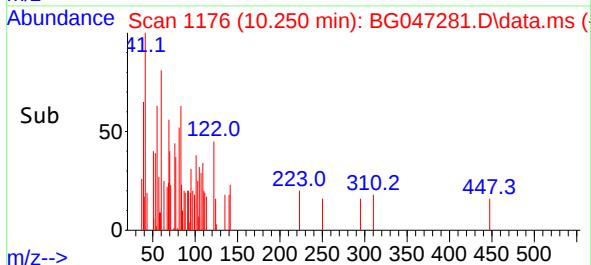
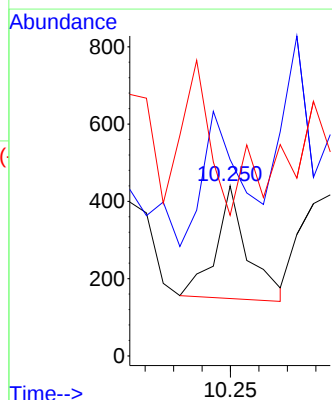
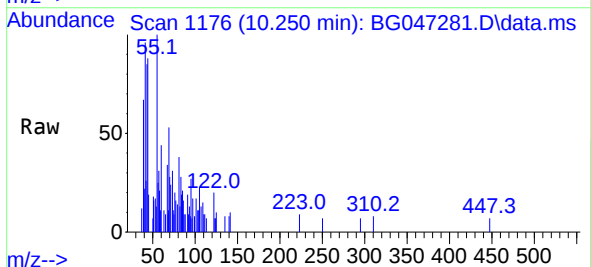
Instrument :
BNA_G
ClientSampleId :
2A

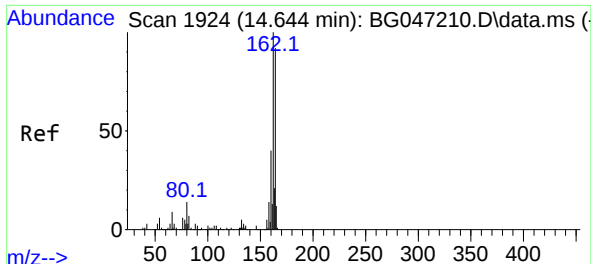
Tgt Ion: 82 Resp: 271870
Ion Ratio Lower Upper
82 100
128 38.5 37.0 55.6
54 54.9 39.0 58.4



#32
Benzoic acid
Concen: 4.81 ng
RT: 10.250 min Scan# 1176
Delta R.T. 0.136 min
Lab File: BG047281.D
Acq: 10 Nov 2020 23:06

Tgt Ion: 122 Resp: 226
Ion Ratio Lower Upper
122 100
105 115.5 103.7 143.7
77 82.7 63.0 103.0

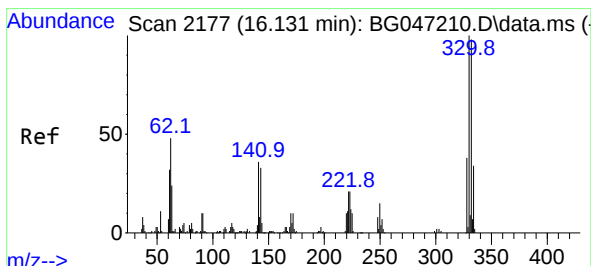
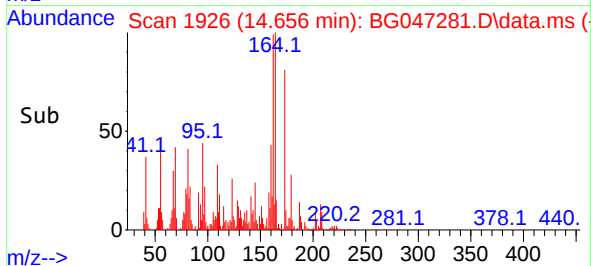
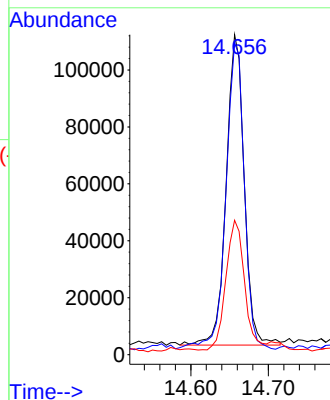
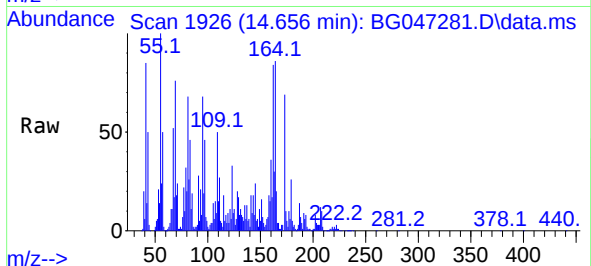




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.656 min Scan# 1926
Delta R.T. 0.012 min
Lab File: BG047281.D
Acq: 10 Nov 2020 23:06

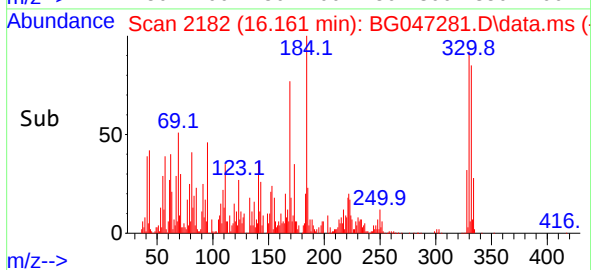
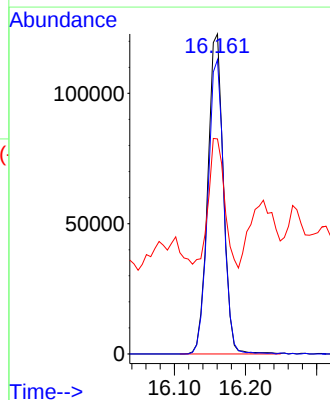
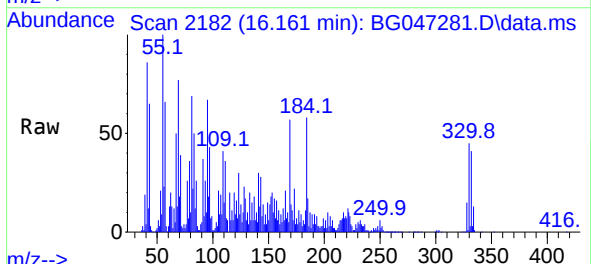
Instrument :
BNA_G
ClientSampleId :
2A

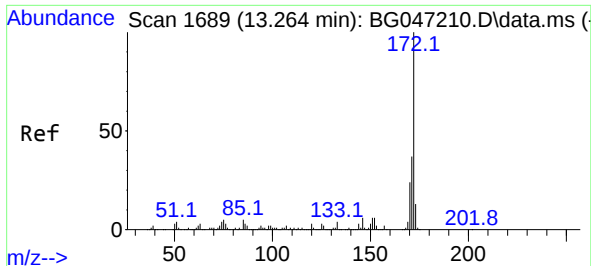
Tgt Ion:164 Resp: 176982
Ion Ratio Lower Upper
164 100
162 97.6 82.3 123.5
160 42.0 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 63.21 ng
RT: 16.161 min Scan# 2182
Delta R.T. 0.030 min
Lab File: BG047281.D
Acq: 10 Nov 2020 23:06

Tgt Ion:330 Resp: 187322
Ion Ratio Lower Upper
330 100
332 93.3 76.5 114.7
141 41.4 26.0 39.0#

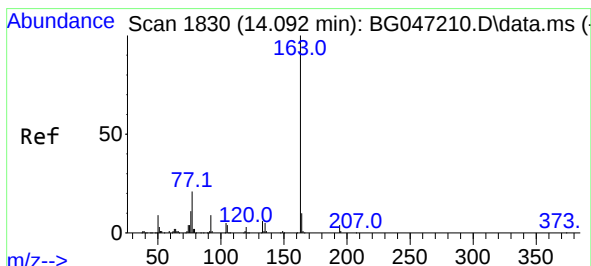
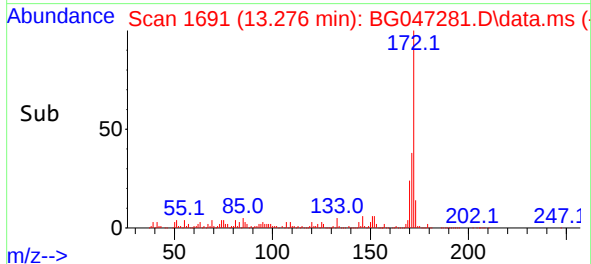
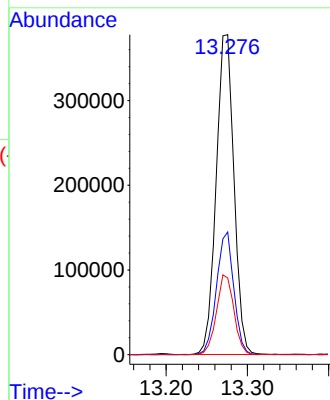
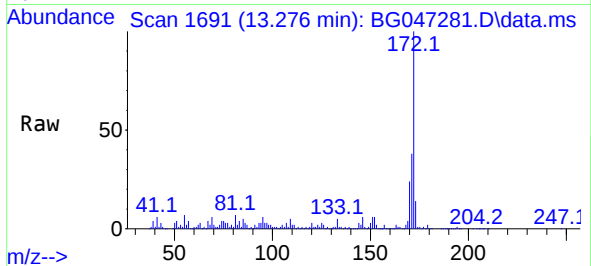




#45
2-Fluorobiphenyl
Concen: 41.70 ng
RT: 13.276 min Scan# 1691
Delta R.T. 0.012 min
Lab File: BG047281.D
Acq: 10 Nov 2020 23:06

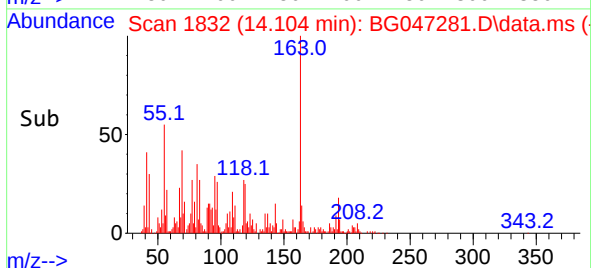
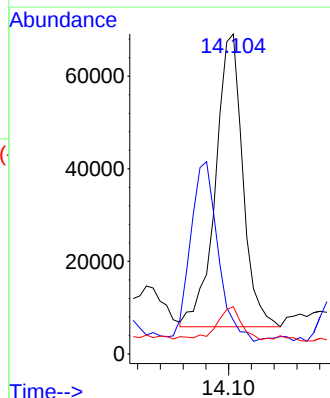
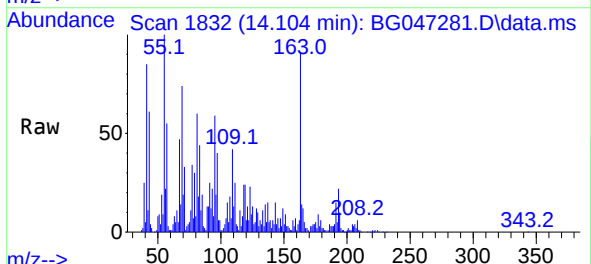
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ClientSampleId :
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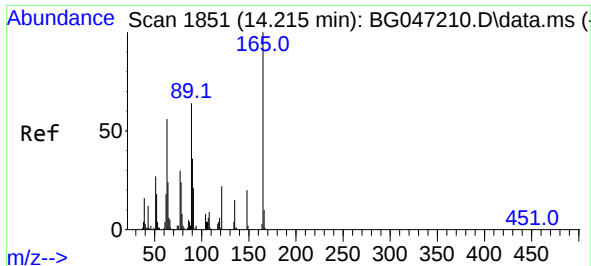
Tgt Ion:	172	Resp:	575482
Ion Ratio	Lower	Upper	
172	100		
171	38.4	31.3	46.9
170	23.9	20.8	31.2



#50
Dimethylphthalate
Concen: 6.76 ng
RT: 14.104 min Scan# 1832
Delta R.T. 0.012 min
Lab File: BG047281.D
Acq: 10 Nov 2020 23:06

Tgt Ion:	163	Resp:	105628
Ion Ratio	Lower	Upper	
163	100		
194	10.5	3.8	5.8#
164	14.8	8.8	13.2#

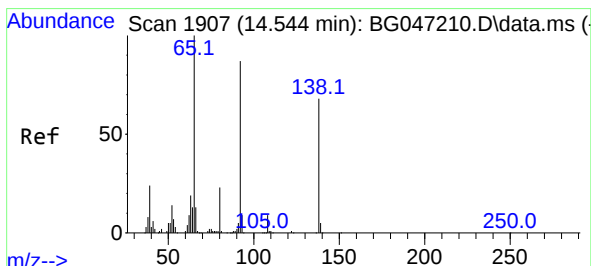
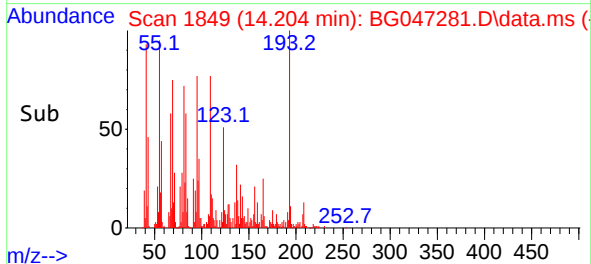
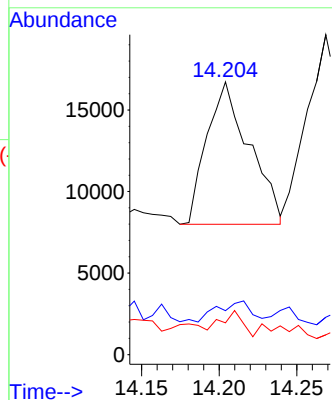
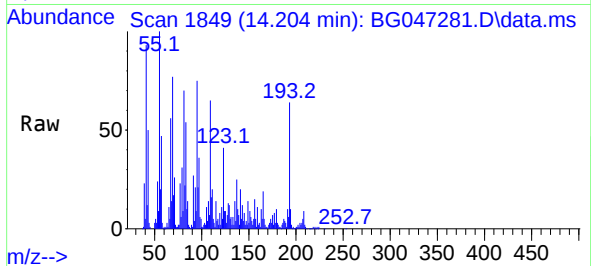




#51
2,6-Dinitrotoluene
Concen: 5.13 ng
RT: 14.204 min Scan# 1849
Delta R.T. -0.011 min
Lab File: BG047281.D
Acq: 10 Nov 2020 23:06

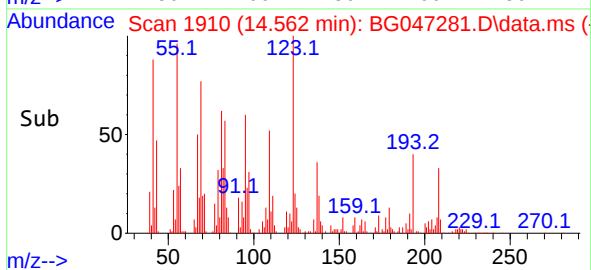
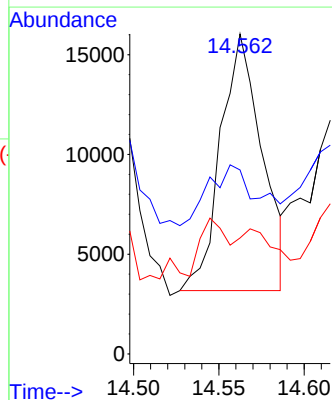
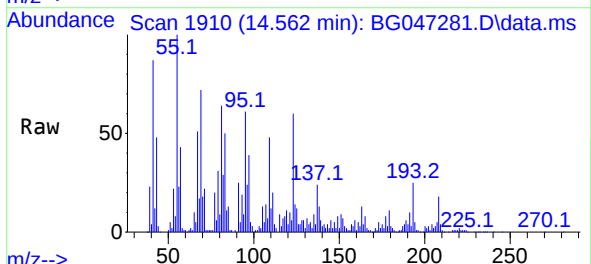
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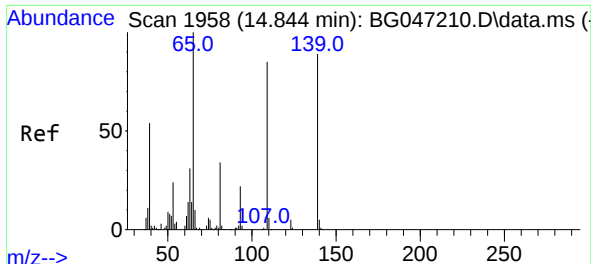
Tgt Ion:165 Resp: 16630
Ion Ratio Lower Upper
165 100
63 16.1 33.7 50.5#
89 11.7 36.6 54.8#



#53
3-Nitroaniline
Concen: 6.75 ng
RT: 14.562 min Scan# 1910
Delta R.T. 0.018 min
Lab File: BG047281.D
Acq: 10 Nov 2020 23:06

Tgt Ion:138 Resp: 21787
Ion Ratio Lower Upper
138 100
108 57.5 7.4 11.0#
92 36.3 85.2 127.8#

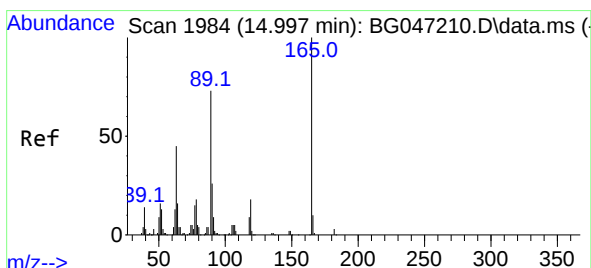
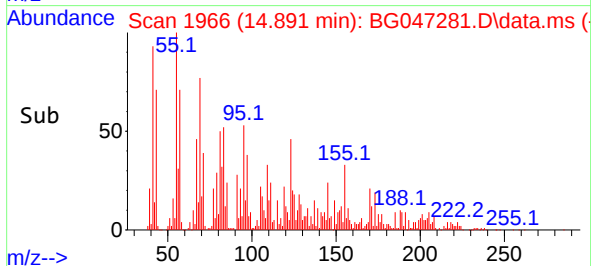
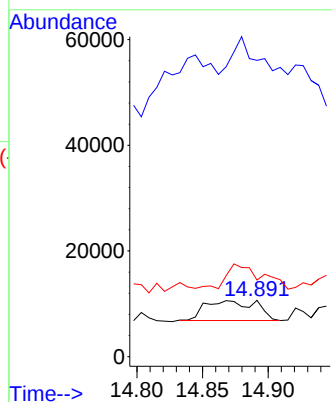
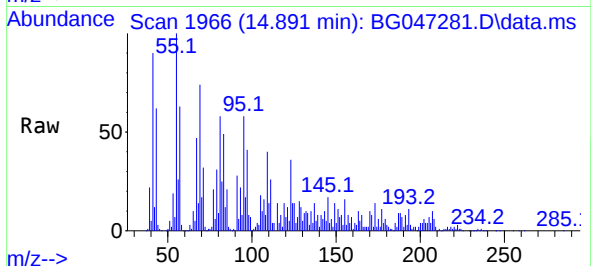




#56
4-Nitrophenol
Concen: 4.06 ng
RT: 14.891 min Scan# 1966
Delta R.T. 0.047 min
Lab File: BG047281.D
Acq: 10 Nov 2020 23:06

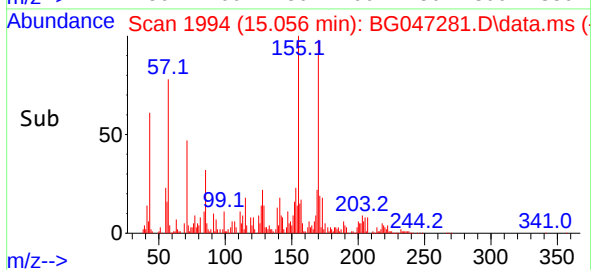
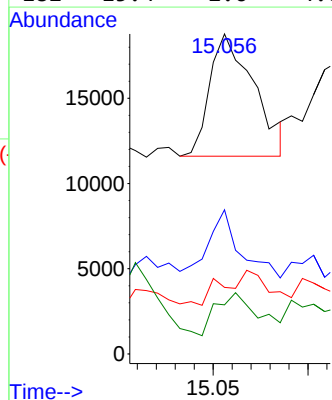
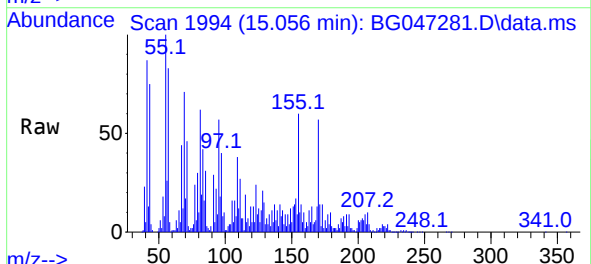
Instrument :
BNA_G
ClientSampleId :
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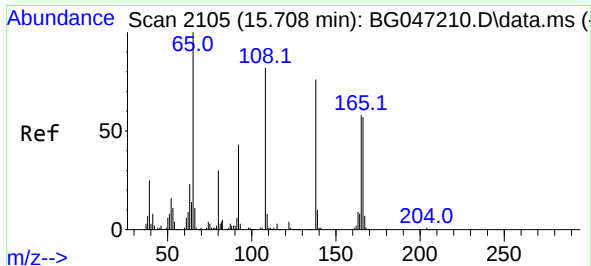
Tgt Ion:139 Resp: 10151
Ion Ratio Lower Upper
139 100
109 526.4 45.9 85.9#
65 136.2 65.4 105.4#



#57
2,4-Dinitrotoluene
Concen: 2.45 ng
RT: 15.056 min Scan# 1994
Delta R.T. 0.059 min
Lab File: BG047281.D
Acq: 10 Nov 2020 23:06

Tgt Ion:165 Resp: 11584
Ion Ratio Lower Upper
165 100
63 45.1 26.4 39.6#
89 20.8 47.8 71.8#
182 15.4 2.6 4.0#

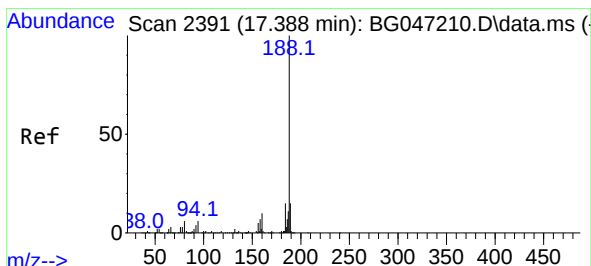
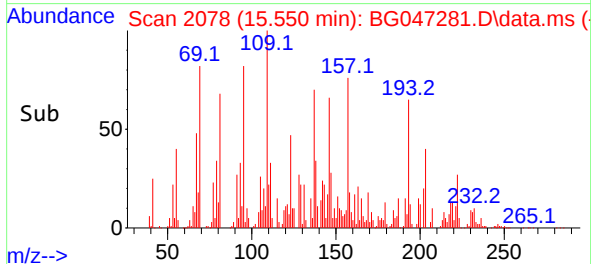
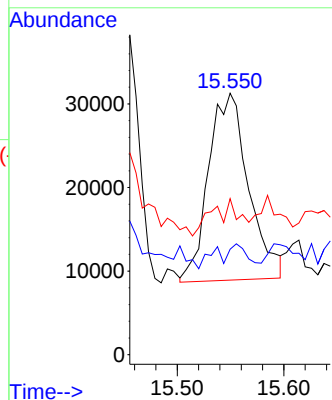
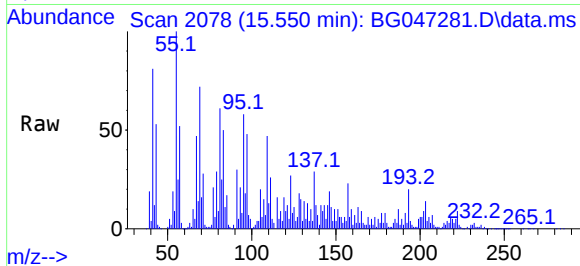




#62
4-Nitroaniline
Concen: 16.88 ng
RT: 15.550 min Scan# 2078
Delta R.T. -0.158 min
Lab File: BG047281.D
Acq: 10 Nov 2020 23:06

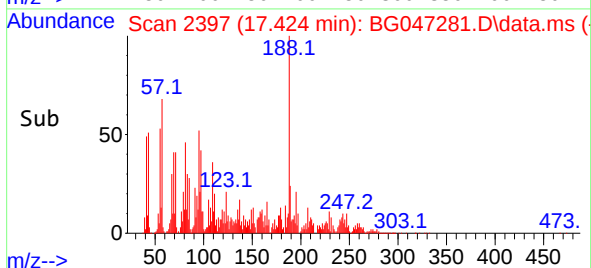
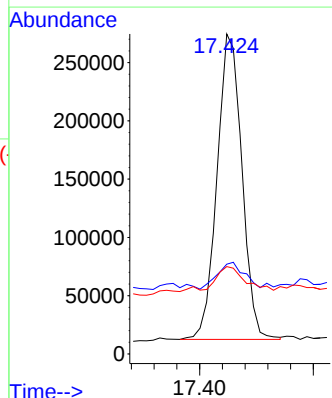
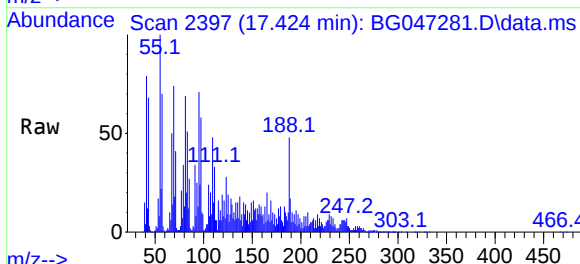
Instrument :
BNA_G
ClientSampleId :
2A

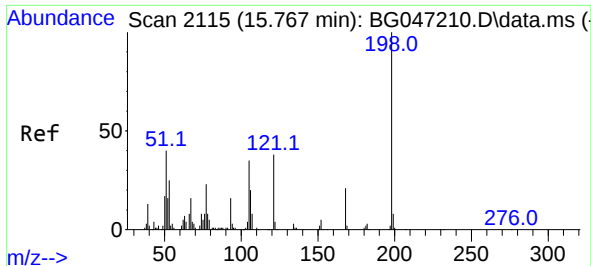
Tgt Ion:138 Resp: 58504
Ion Ratio Lower Upper
138 100
92 40.3 26.9 66.9
108 59.7 49.4 89.4



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.424 min Scan# 2397
Delta R.T. 0.036 min
Lab File: BG047281.D
Acq: 10 Nov 2020 23:06

Tgt Ion:188 Resp: 398306
Ion Ratio Lower Upper
188 100
94 28.0 6.3 9.5#
80 27.3 7.0 10.6#

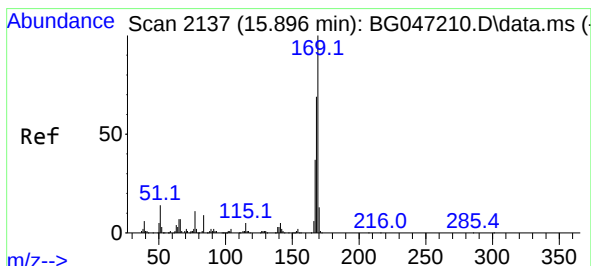
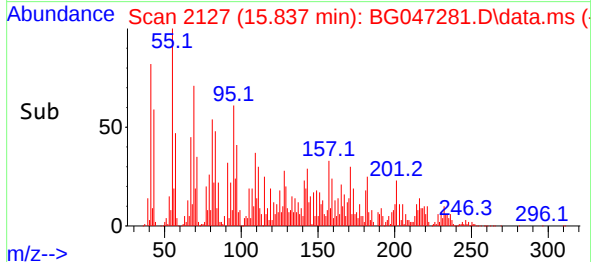
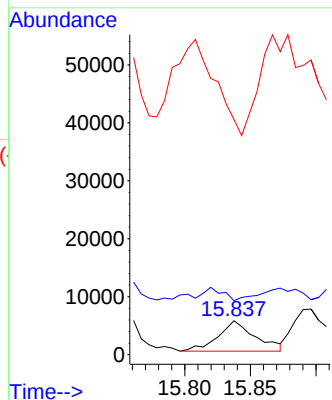
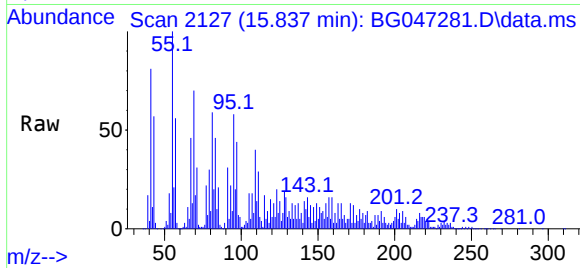




#65
4,6-Dinitro-2-methylphenol
Concen: 3.71 ng
RT: 15.837 min Scan# 2127
Delta R.T. 0.071 min
Lab File: BG047281.D
Acq: 10 Nov 2020 23:06

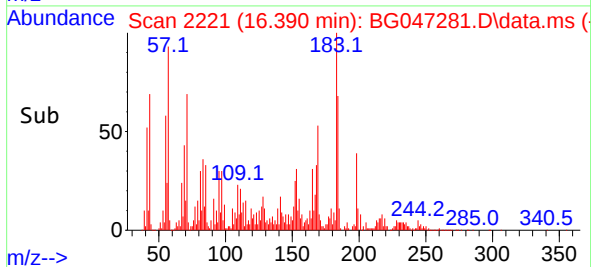
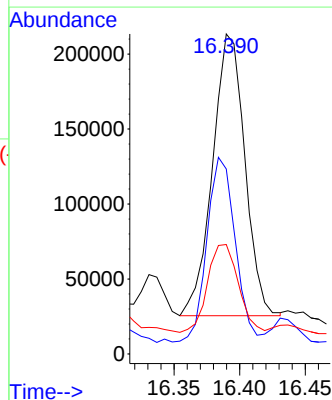
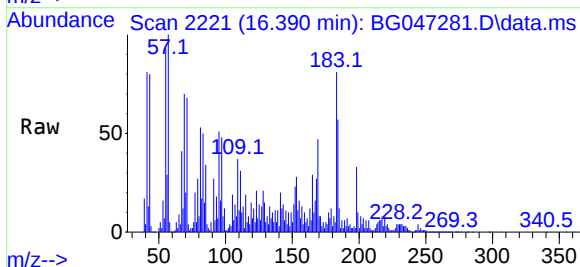
Instrument :
BNA_G
ClientSampled :
2A

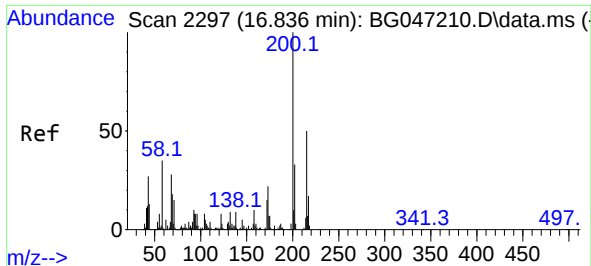
Tgt Ion:198 Resp: 10266
Ion Ratio Lower Upper
198 100
51 159.0 10.4 50.4#
105 695.0 12.9 52.9#



#66
n-Nitrosodiphenylamine
Concen: 26.29 ng
RT: 16.390 min Scan# 2221
Delta R.T. 0.494 min
Lab File: BG047281.D
Acq: 10 Nov 2020 23:06

Tgt Ion:169 Resp: 322096
Ion Ratio Lower Upper
169 100
168 57.8 55.5 83.3
167 34.2 30.5 45.7

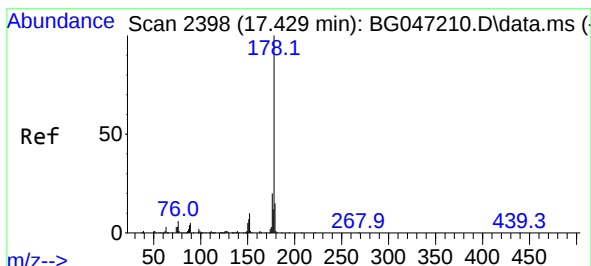
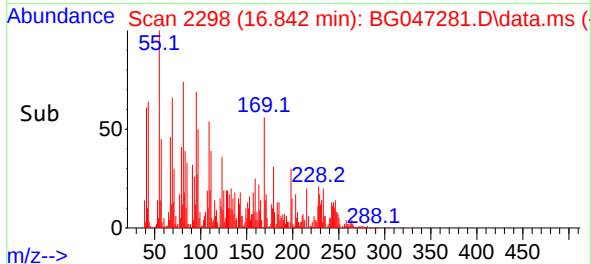
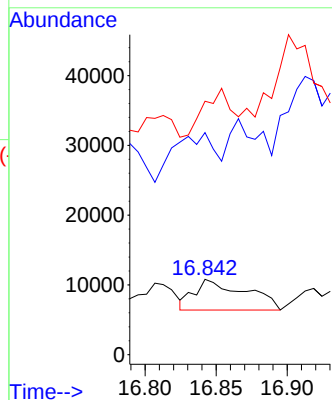
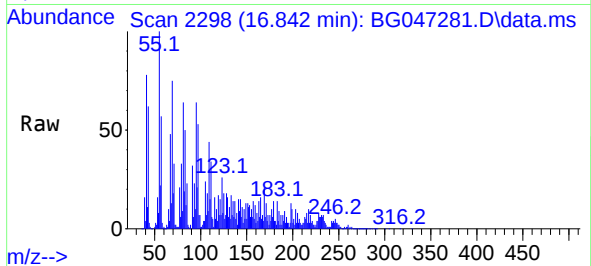




#69
Atrazine
Concen: 2.10 ng
RT: 16.842 min Scan# 2298
Delta R.T. 0.006 min
Lab File: BG047281.D
Acq: 10 Nov 2020 23:06

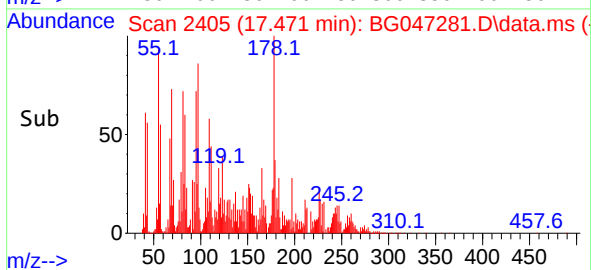
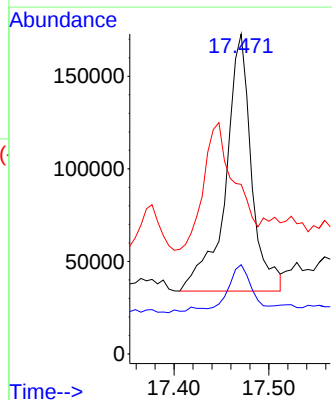
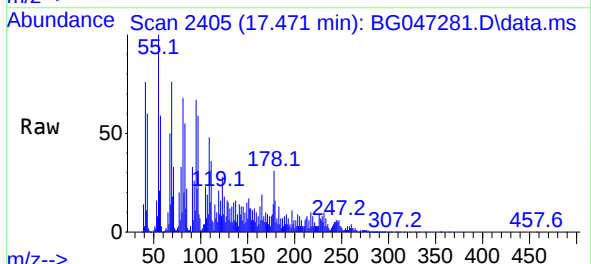
Instrument :
BNA_G
ClientSampleId :
2A

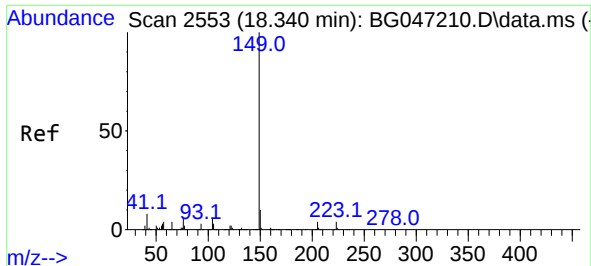
Tgt Ion:200 Resp: 10992
Ion Ratio Lower Upper
200 100
173 294.8 4.2 44.2#
215 336.6 30.0 70.0#



#71
Phenanthrene
Concen: 11.47 ng
RT: 17.471 min Scan# 2405
Delta R.T. 0.041 min
Lab File: BG047281.D
Acq: 10 Nov 2020 23:06

Tgt Ion:178 Resp: 265182
Ion Ratio Lower Upper
178 100
176 27.9 16.7 25.1#
179 53.0 14.0 21.0#

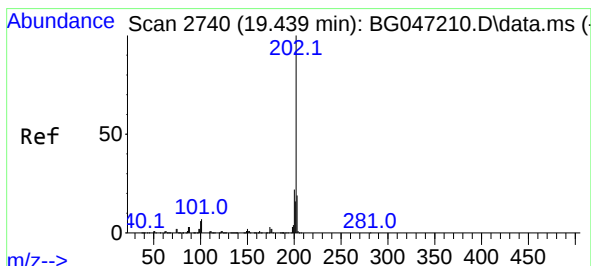
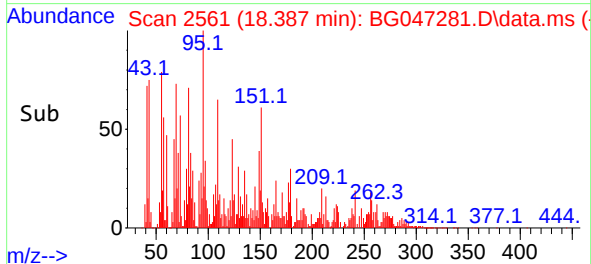
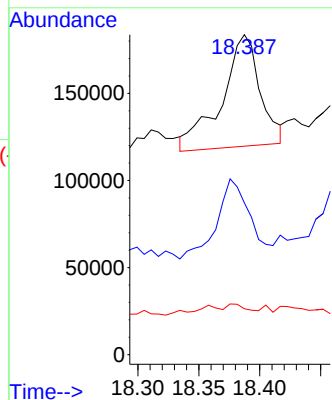
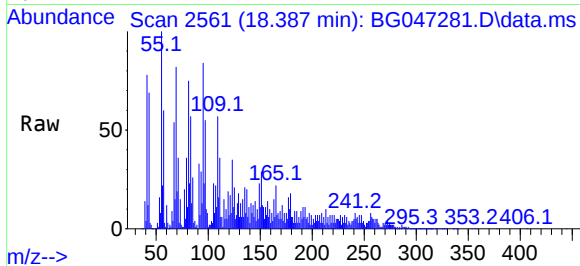




#74
Di-n-butylphthalate
Concen: 5.82 ng
RT: 18.387 min Scan# 2561
Delta R.T. 0.047 min
Lab File: BG047281.D
Acq: 10 Nov 2020 23:06

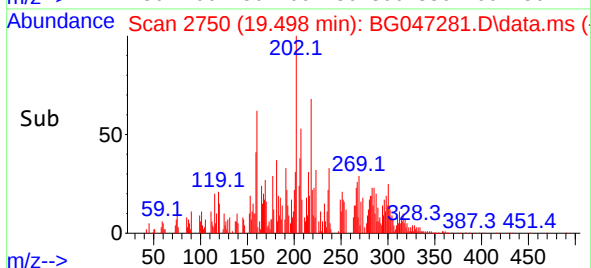
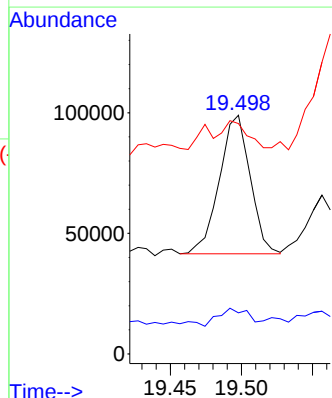
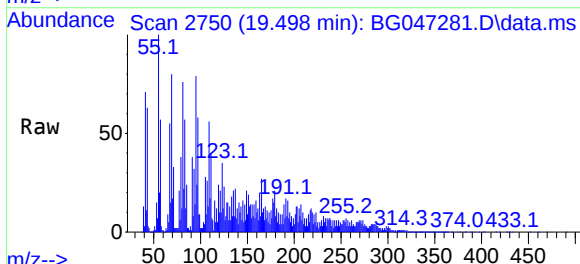
Instrument :
BNA_G
ClientSampleId :
2A

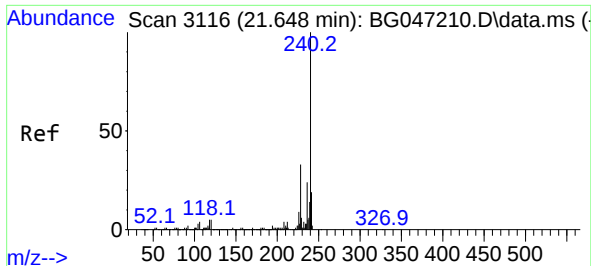
Tgt Ion:149 Resp: 140976
Ion Ratio Lower Upper
149 100
150 47.4 8.2 12.4#
104 14.4 3.8 5.8#



#75
Fluoranthene
Concen: 2.95 ng
RT: 19.498 min Scan# 2750
Delta R.T. 0.059 min
Lab File: BG047281.D
Acq: 10 Nov 2020 23:06

Tgt Ion:202 Resp: 86719
Ion Ratio Lower Upper
202 100
101 17.2 0.0 29.7
203 96.5 0.0 39.2#

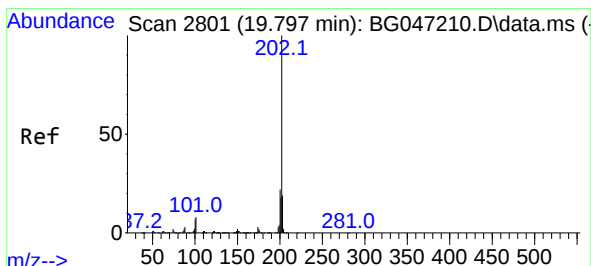
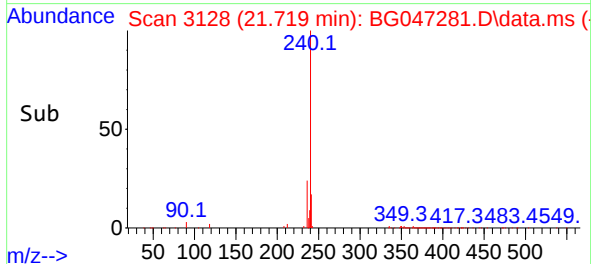
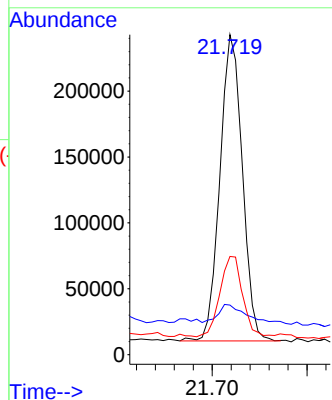
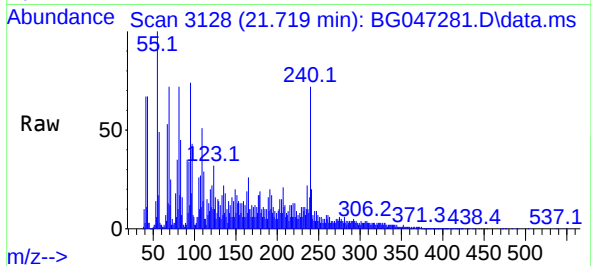




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.719 min Scan# 3128
Delta R.T. 0.071 min
Lab File: BG047281.D
Acq: 10 Nov 2020 23:06

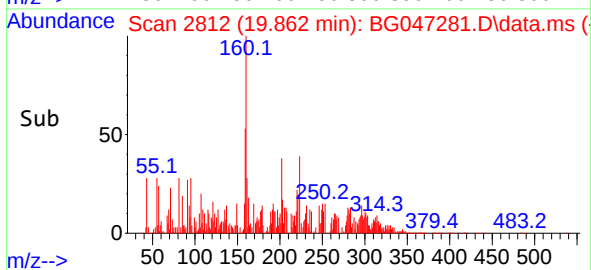
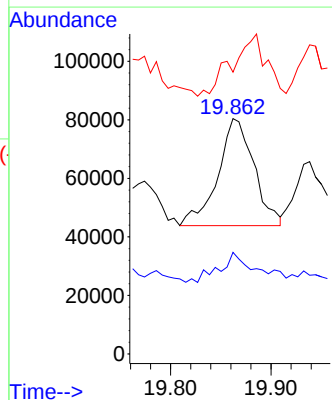
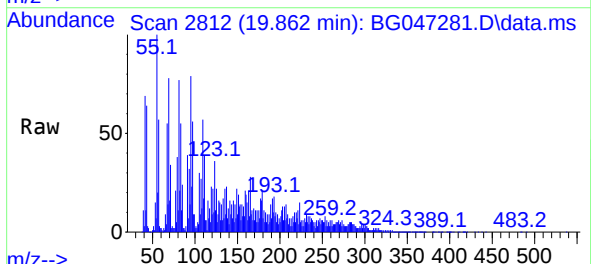
Instrument :
BNA_G
ClientSampleId :
2A

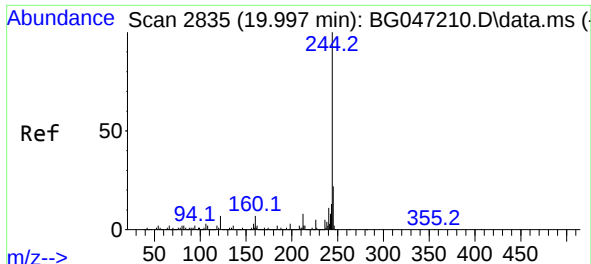
Tgt Ion:240 Resp: 382108
Ion Ratio Lower Upper
240 100
120 15.5 6.2 9.4#
236 30.7 20.5 30.7



#78
Pyrene
Concen: 3.44 ng
RT: 19.862 min Scan# 2812
Delta R.T. 0.065 min
Lab File: BG047281.D
Acq: 10 Nov 2020 23:06

Tgt Ion:202 Resp: 91567
Ion Ratio Lower Upper
202 100
200 43.2 18.6 27.8#
203 119.7 15.3 22.9#

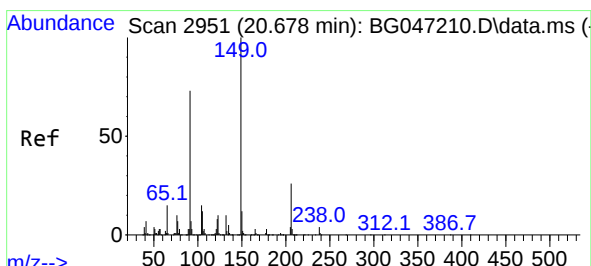
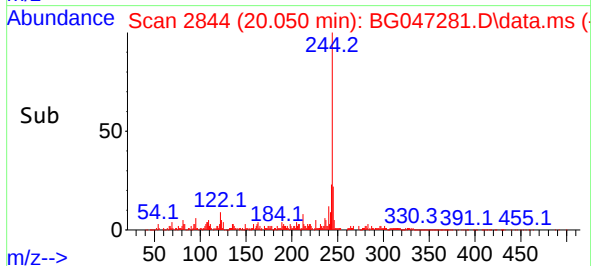
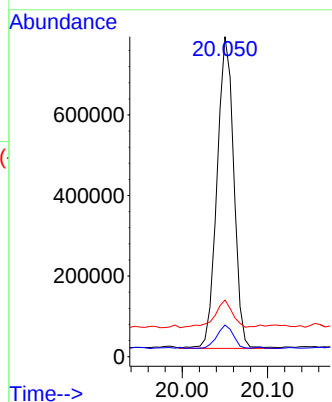
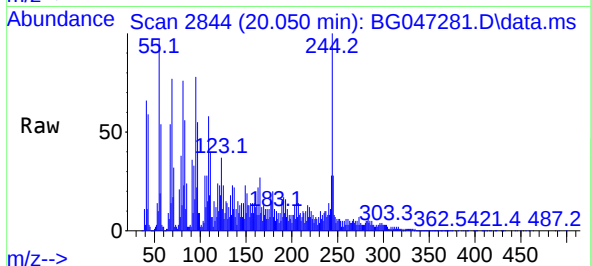




#79
 Terphenyl-d14
 Concen: 48.56 ng
 RT: 20.050 min Scan# 2844
 Delta R.T. 0.053 min
 Lab File: BG047281.D
 Acq: 10 Nov 2020 23:06

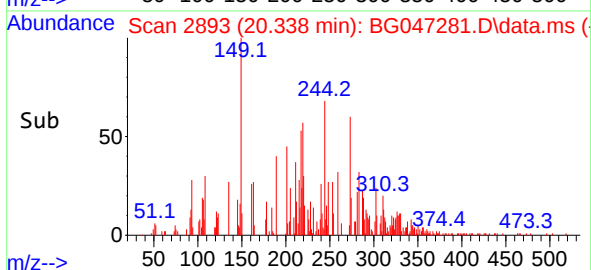
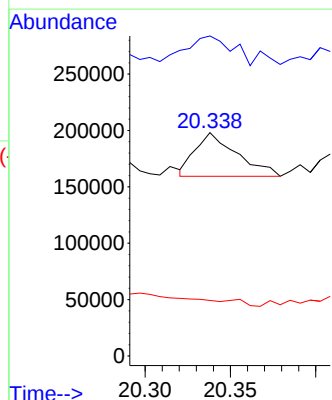
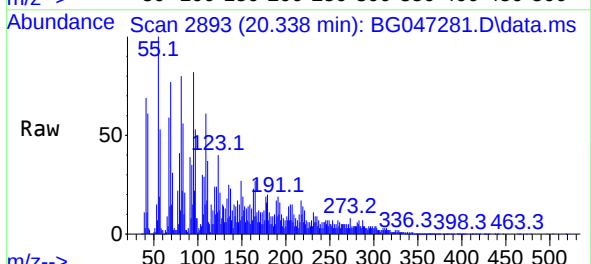
Instrument :
 BNA_G
 ClientSampleId :
 2A

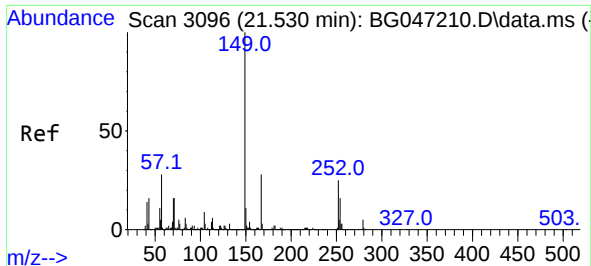
Tgt Ion:244 Resp: 1055092
 Ion Ratio Lower Upper
 244 100
 212 9.9 6.7 10.1
 122 17.7 7.8 11.6#



#80
 Butylbenzylphthalate
 Concen: 6.53 ng
 RT: 20.338 min Scan# 2893
 Delta R.T. -0.340 min
 Lab File: BG047281.D
 Acq: 10 Nov 2020 23:06

Tgt Ion:149 Resp: 65555
 Ion Ratio Lower Upper
 149 100
 91 143.2 51.5 77.3#
 206 24.9 21.2 31.8

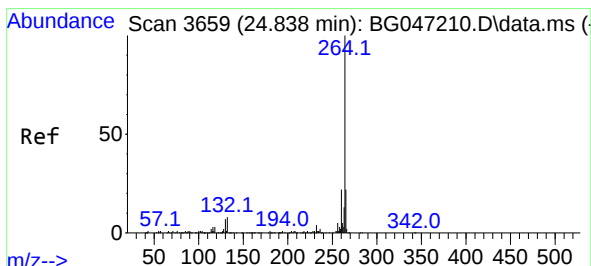
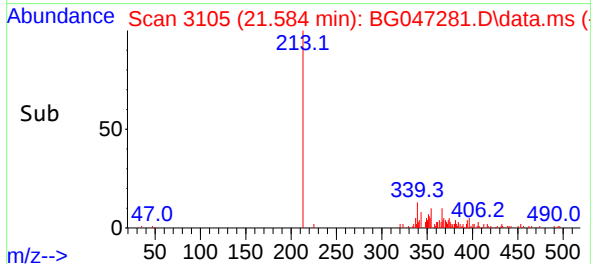
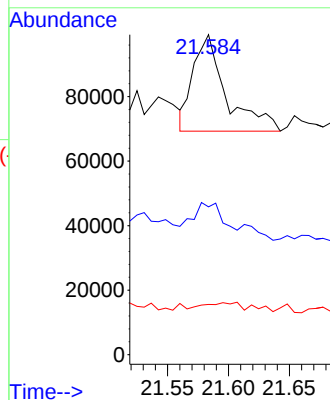
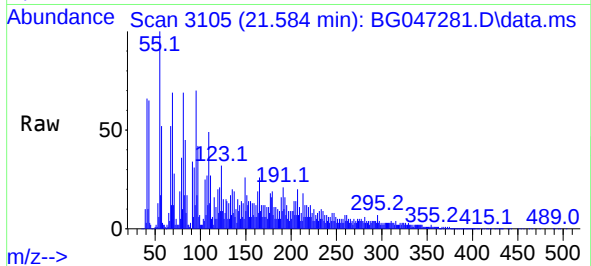




#84
Bis(2-ethylhexyl)phthalate
Concen: 4.03 ng
RT: 21.584 min Scan# 3105
Delta R.T. 0.053 min
Lab File: BG047281.D
Acq: 10 Nov 2020 23:06

Instrument :
BNA_G
ClientSampleId :
2A

Tgt Ion:149 Resp: 56550
Ion Ratio Lower Upper
149 100
167 46.2 24.8 37.2#
279 15.7 4.6 7.0#



#86
Perylene-d12
Concen: 20.00 ng
RT: 24.944 min Scan# 3677
Delta R.T. 0.106 min
Lab File: BG047281.D
Acq: 10 Nov 2020 23:06

Tgt Ion:264 Resp: 343855
Ion Ratio Lower Upper
264 100
260 25.5 18.8 28.2
265 27.5 17.8 26.8#

