

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012021\
 Data File : BG047942.D
 Acq On : 20 Jan 2021 18:14
 Operator : CG/JU
 Sample : M1160-13
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BASIN-6

Quant Time: Jan 20 18:48:52 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 20 16:06:10 2021
 Response via : Initial Calibration

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

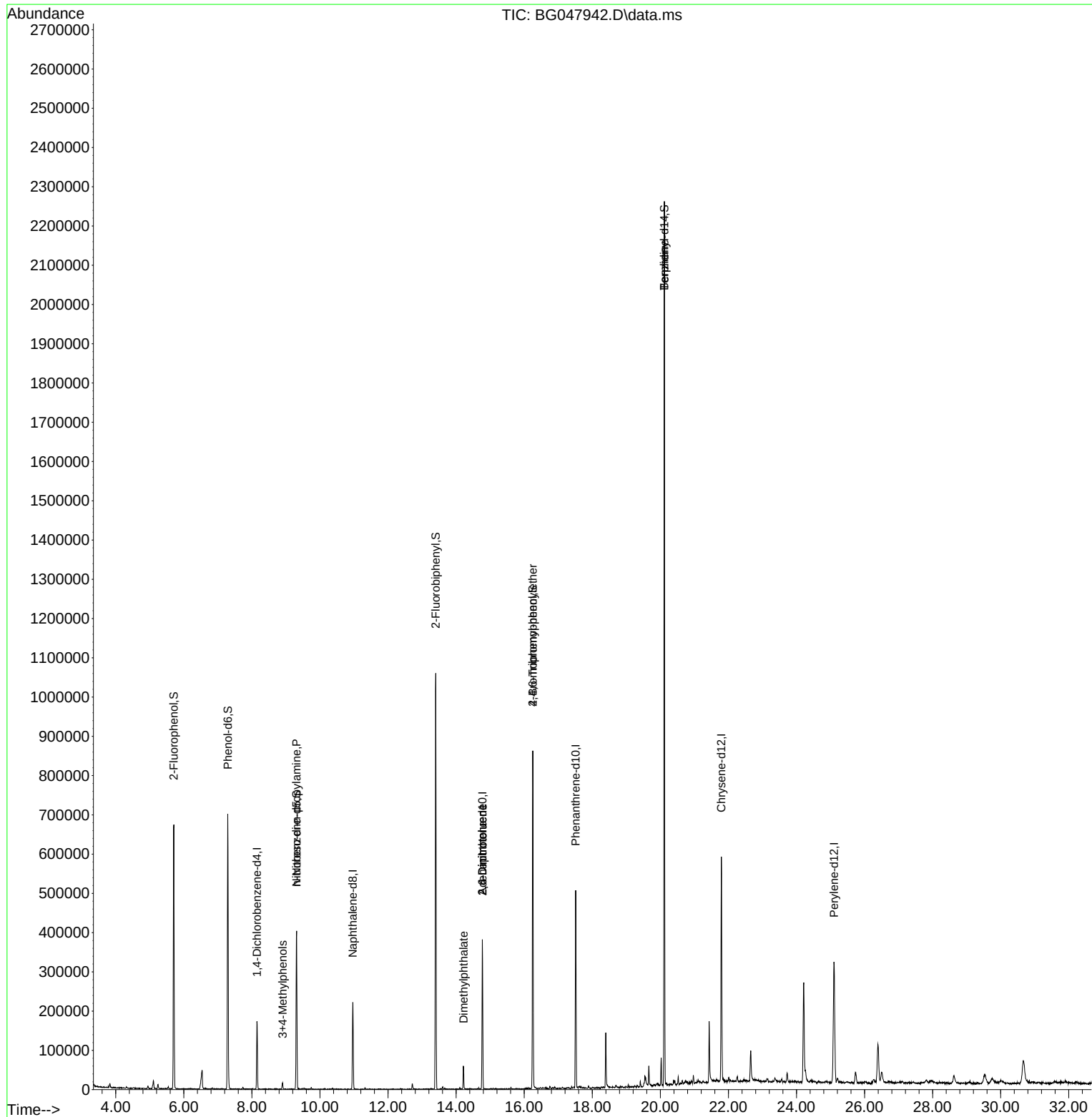
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.149	152	47483	20.00	ng	0.00
21) Naphthalene-d8	10.964	136	176161	20.00	ng	# 0.00
39) Acenaphthene-d10	14.771	164	128639	20.00	ng	0.00
64) Phenanthrene-d10	17.515	188	322035	20.00	ng	0.00
76) Chrysene-d12	21.792	240	360338	20.00	ng	# 0.00
86) Perylene-d12	25.100	264	347654	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.705	112	262249	100.45	ng	0.00
7) Phenol-d6	7.292	99	358614	89.88	ng	0.00
23) Nitrobenzene-d5	9.313	82	232732	64.82	ng	0.00
42) 2,4,6-Tribromophenol	16.252	330	162242	94.97	ng	0.00
45) 2-Fluorobiphenyl	13.402	172	533750	55.23	ng	0.00
79) Terphenyl-d14	20.118	244	962675	49.27	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.313	70	32745	11.18	ng	# 76
20) 3+4-Methylphenols	8.901	107	6742	2.03	ng	88
32) Benzoic acid	10.147	122	858	Below Cal	#	62
36) 4-Chloro-3-methylphenol	12.186	107	66	Below Cal	#	15
43) 2,4,6-Trichlorophenol	12.738	196	62	Below Cal	#	13
48) 2-Nitroaniline	13.854	65	80	Below Cal	#	1
50) Dimethylphthalate	14.219	163	35839	3.74	ng	97
51) 2,6-Dinitrotoluene	14.771	165	17091	11.95	ng	# 35
57) 2,4-Dinitrotoluene	14.771	165	17091	9.01	ng	# 33
67) 4-Bromophenyl-phenylether	16.252	248	11504	2.75	ng	# 1
77) Benzidine	20.118	184	16349	2.06	ng	# 96
80) Butylbenzylphthalate	20.805	149	269	Below Cal	#	64
84) Bis(2-ethylhexyl)phtha...	21.686	149	1069	Below Cal	#	96
85) Di-n-octyl phthalate	22.944	149	274	Below Cal	#	79

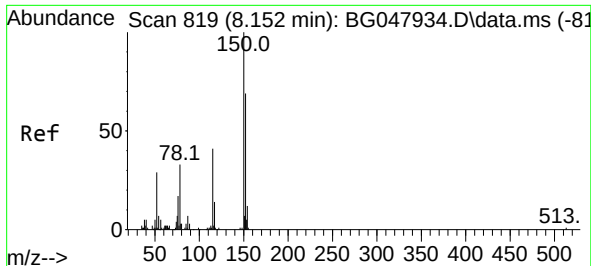
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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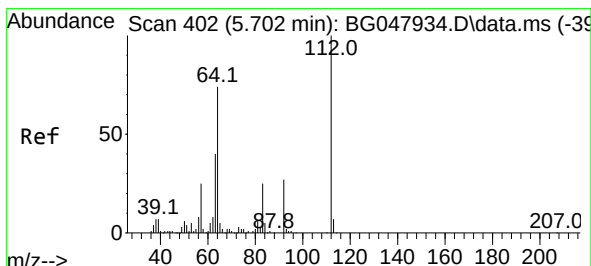
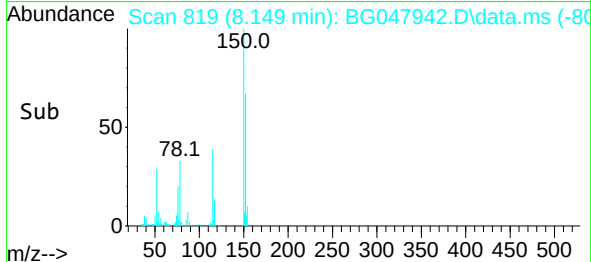
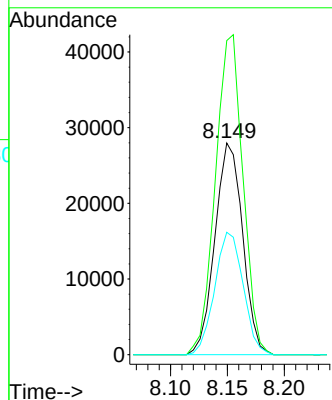
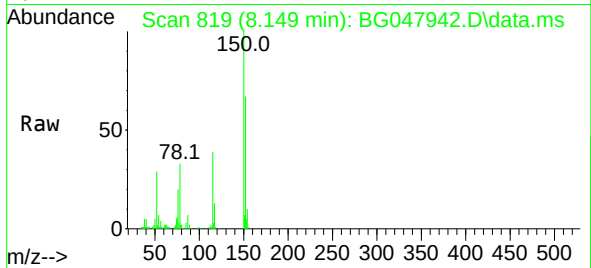




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.149 min Scan# 819
Delta R.T. -0.003 min
Lab File: BG047942.D
Acq: 20 Jan 2021 18:14

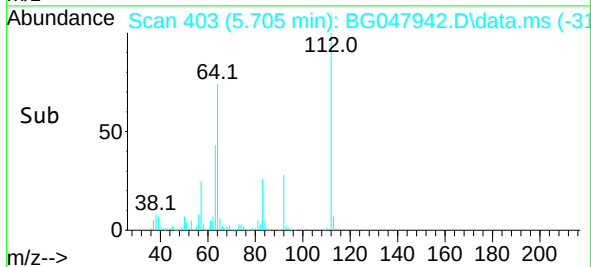
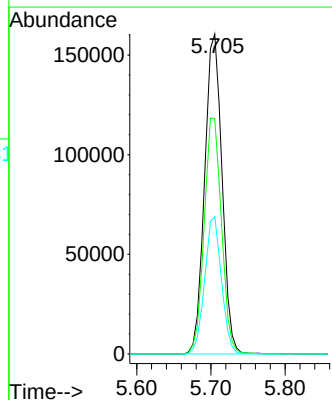
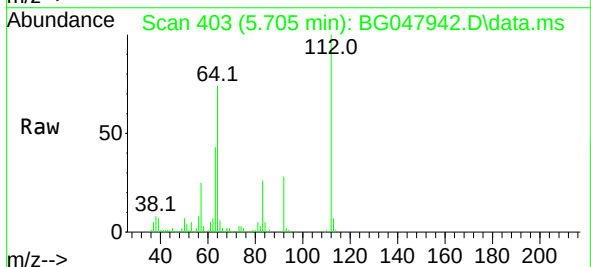
Instrument :
BNA_G
ClientSampleId :
BASIN-6

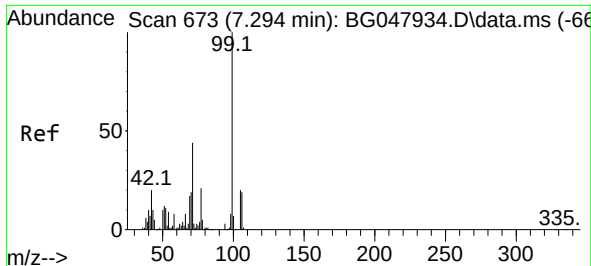
Tgt Ion:152 Resp: 47483
Ion Ratio Lower Upper
152 100
150 148.4 125.0 187.6
115 57.8 41.8 62.6



#5
2-Fluorophenol
Concen: 100.45 ng
RT: 5.705 min Scan# 403
Delta R.T. 0.004 min
Lab File: BG047942.D
Acq: 20 Jan 2021 18:14

Tgt Ion:112 Resp: 262249
Ion Ratio Lower Upper
112 100
64 73.5 46.7 70.1#
63 42.9 22.8 34.2#

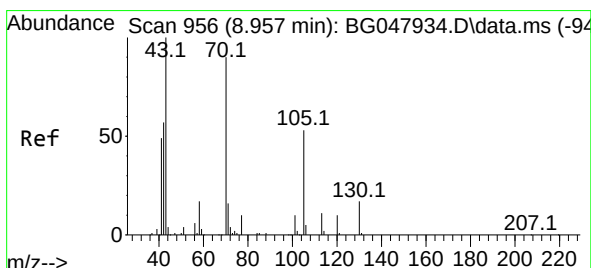
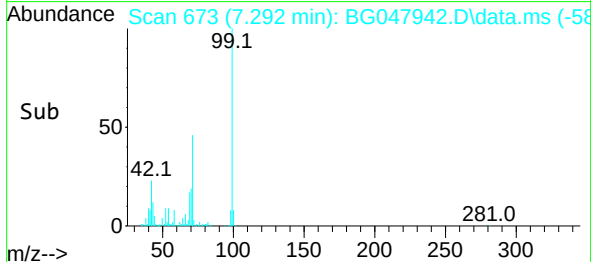
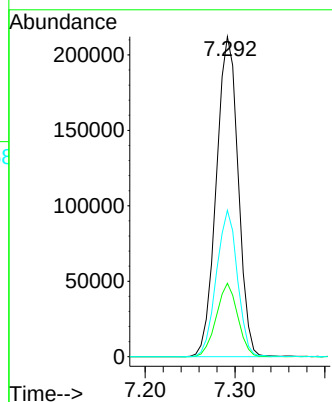
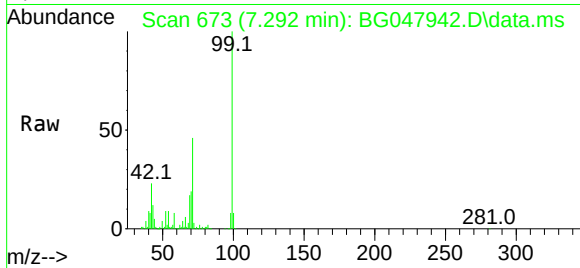




#7
Phenol-d6
Concen: 89.88 ng
RT: 7.292 min Scan# 673
Delta R.T. -0.002 min
Lab File: BG047942.D
Acq: 20 Jan 2021 18:14

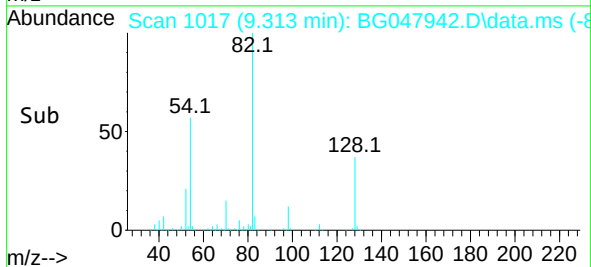
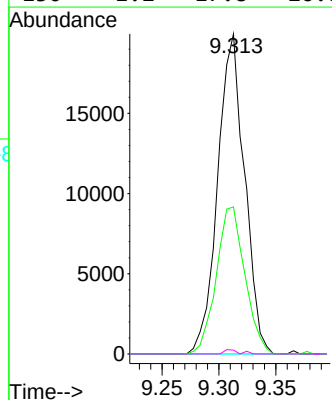
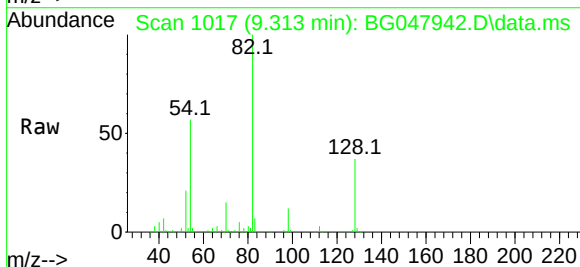
Instrument :
BNA_G
ClientSampleId :
BASIN-6

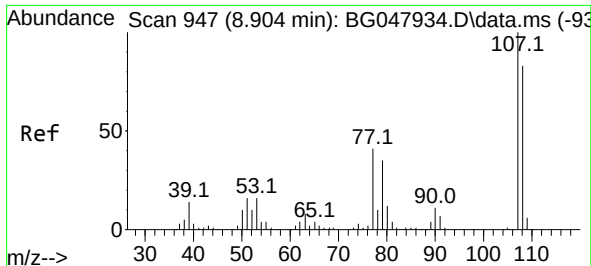
Tgt Ion: 99 Resp: 358614
Ion Ratio Lower Upper
99 100
42 23.0 12.8 19.2#
71 45.7 24.6 36.8#



#19
n-Nitroso-di-n-propylamine
Concen: 11.18 ng
RT: 9.313 min Scan# 1017
Delta R.T. 0.356 min
Lab File: BG047942.D
Acq: 20 Jan 2021 18:14

Tgt Ion: 70 Resp: 32745
Ion Ratio Lower Upper
70 100
42 46.0 45.6 68.4
101 0.0 8.4 12.6#
130 1.2 17.8 26.8#



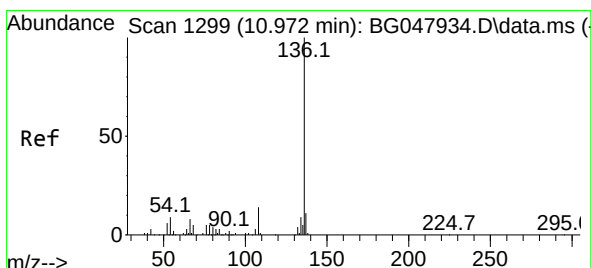
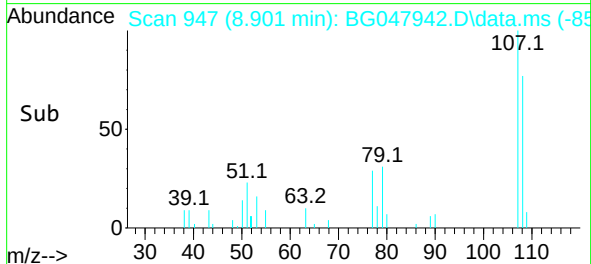
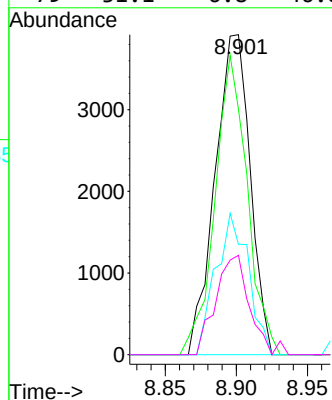
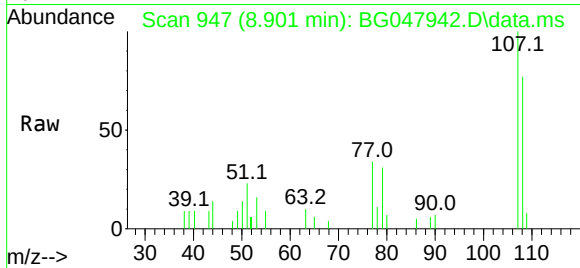


#20
3+4-Methylphenols
Concen: 2.03 ng
RT: 8.901 min Scan# 947
Delta R.T. -0.002 min
Lab File: BG047942.D
Acq: 20 Jan 2021 18:14

Instrument :
BNA_G
ClientSampleId :
BASIN-6

Tgt Ion:107 Resp: 6742

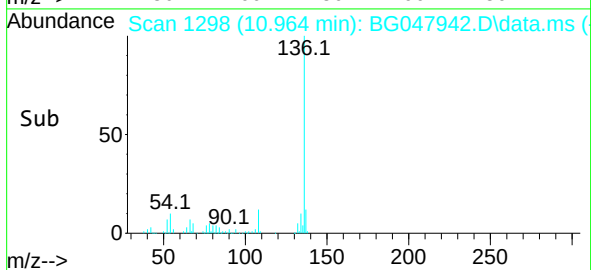
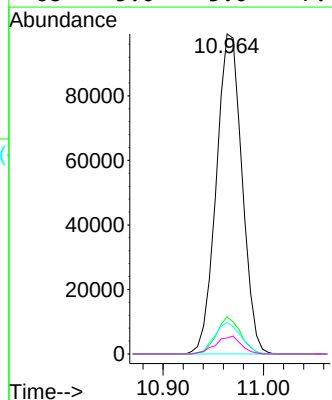
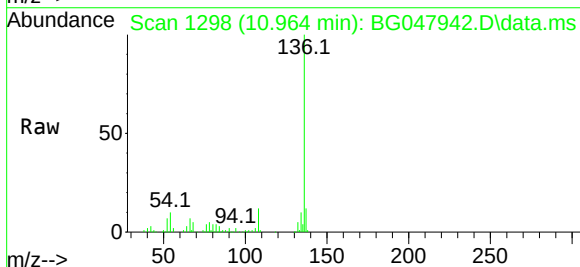
Ion	Ratio	Lower	Upper
107	100		
108	76.7	70.6	110.6
77	34.5	10.2	50.2
79	31.1	6.8	46.8

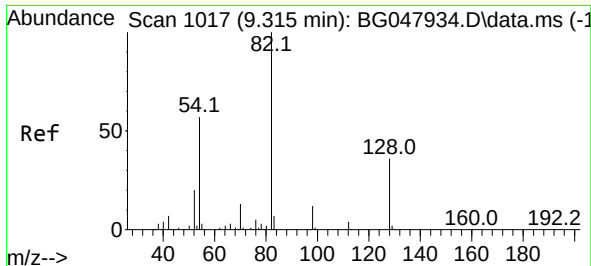


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.964 min Scan# 1298
Delta R.T. -0.008 min
Lab File: BG047942.D
Acq: 20 Jan 2021 18:14

Tgt Ion:136 Resp: 176161

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.1	13.7
54	9.8	6.2	9.4#
68	5.0	5.0	7.4

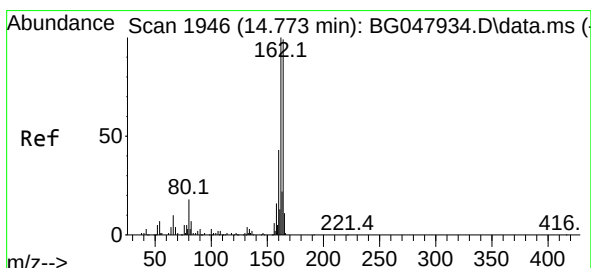
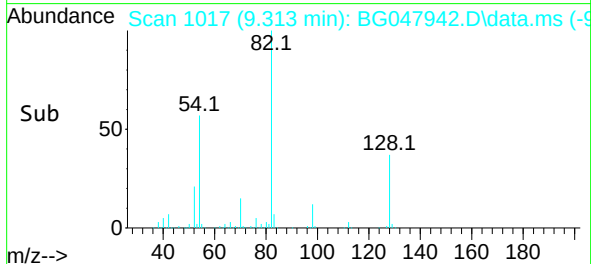
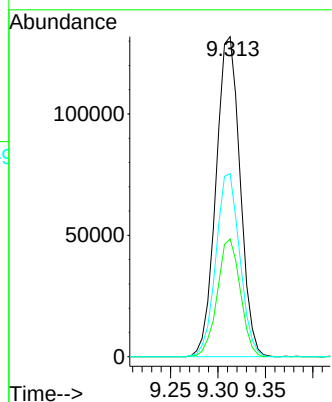
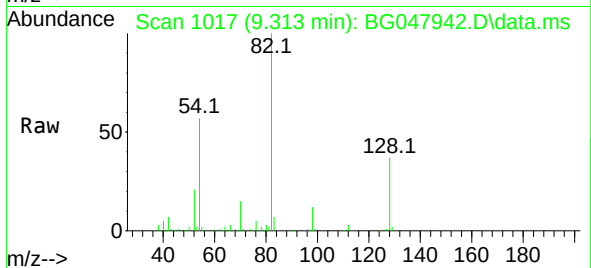




#23
Nitrobenzene-d5
Concen: 64.82 ng
RT: 9.313 min Scan# 1017
Delta R.T. -0.002 min
Lab File: BG047942.D
Acq: 20 Jan 2021 18:14

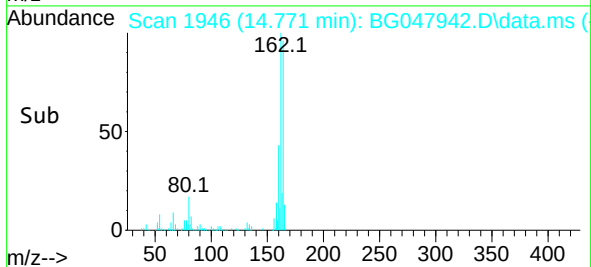
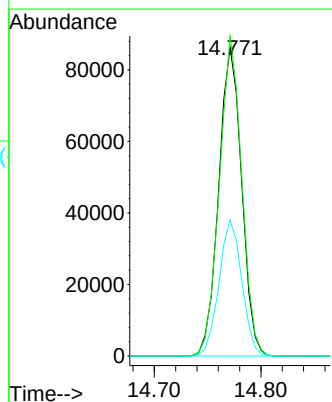
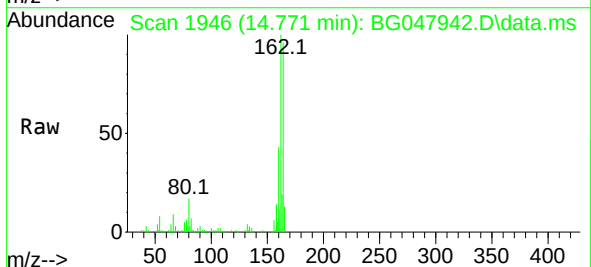
Instrument :
BNA_G
ClientSampleId :
BASIN-6

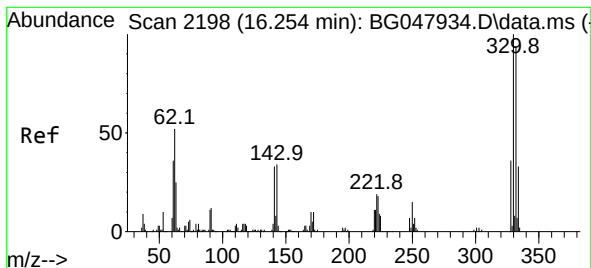
Tgt Ion: 82 Resp: 232732
Ion Ratio Lower Upper
82 100
128 36.8 37.0 55.6#
54 57.2 39.0 58.4



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.771 min Scan# 1946
Delta R.T. -0.002 min
Lab File: BG047942.D
Acq: 20 Jan 2021 18:14

Tgt Ion: 164 Resp: 128639
Ion Ratio Lower Upper
164 100
162 103.8 82.3 123.5
160 44.1 35.3 52.9

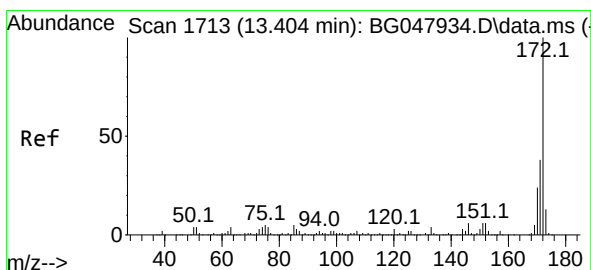
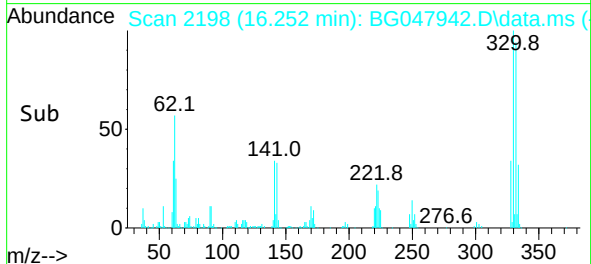
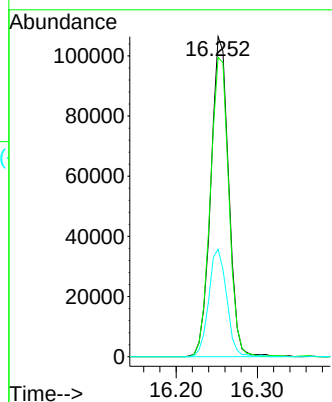
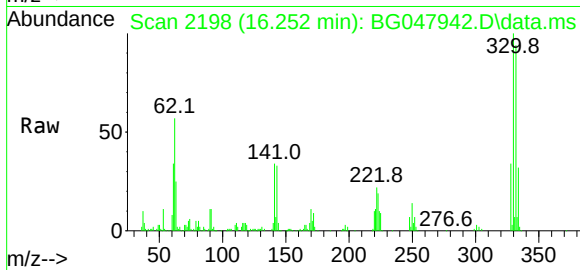




#42
2,4,6-Tribromophenol
Concen: 94.97 ng
RT: 16.252 min Scan# 2198
Delta R.T. -0.002 min
Lab File: BG047942.D
Acq: 20 Jan 2021 18:14

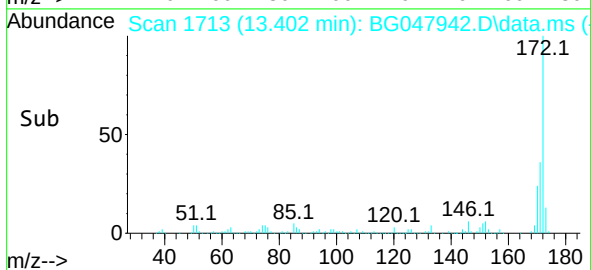
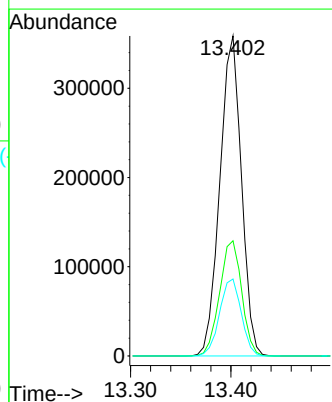
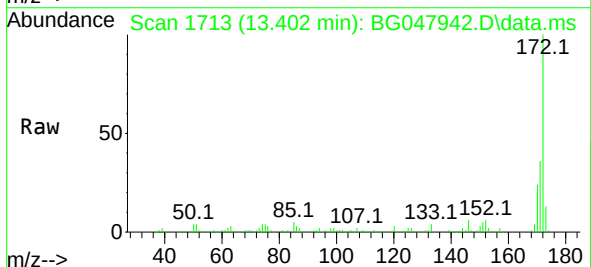
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ClientSampleId :
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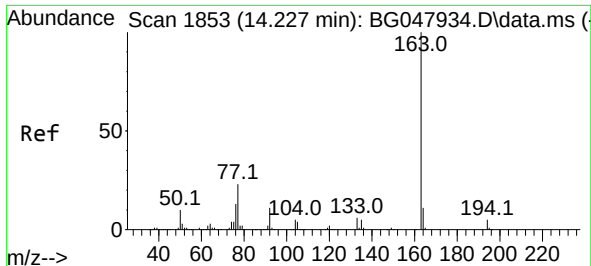
Tgt Ion:330 Resp: 162242
Ion Ratio Lower Upper
330 100
332 96.4 76.5 114.7
141 33.4 26.0 39.0



#45
2-Fluorobiphenyl
Concen: 55.23 ng
RT: 13.402 min Scan# 1713
Delta R.T. -0.002 min
Lab File: BG047942.D
Acq: 20 Jan 2021 18:14

Tgt Ion:172 Resp: 533750
Ion Ratio Lower Upper
172 100
171 36.0 31.3 46.9
170 24.1 20.8 31.2

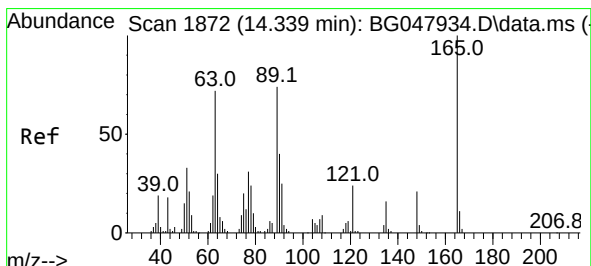
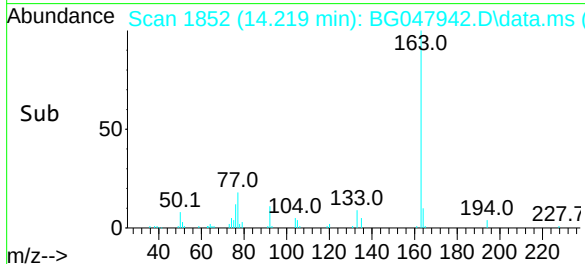
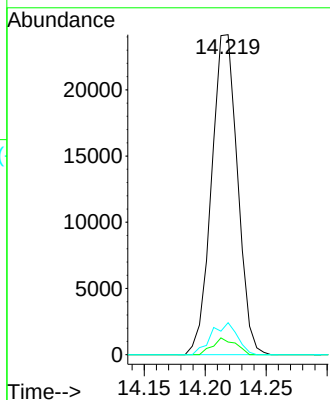
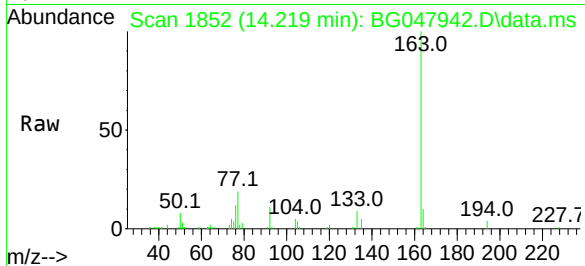




#50
Dimethylphthalate
Concen: 3.74 ng
RT: 14.219 min Scan# 1852
Delta R.T. -0.008 min
Lab File: BG047942.D
Acq: 20 Jan 2021 18:14

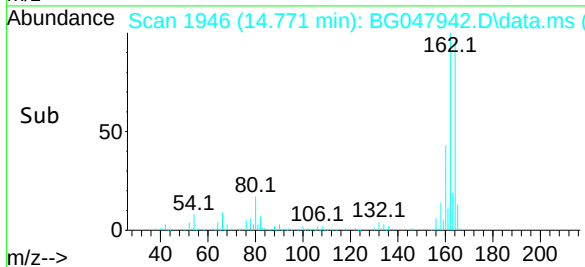
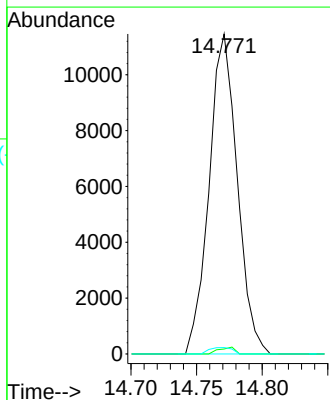
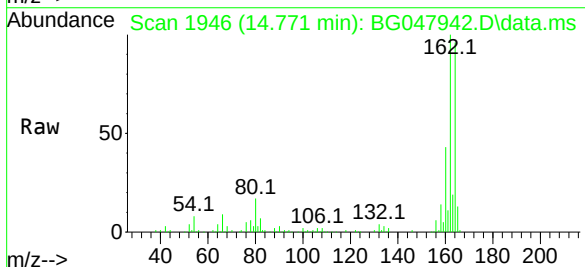
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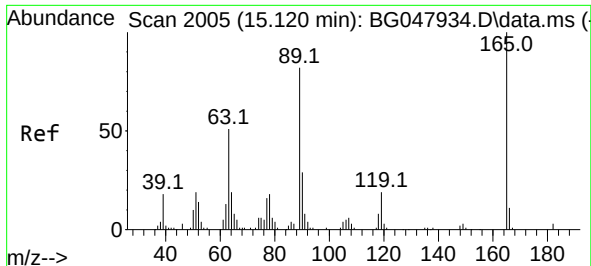
Tgt Ion:163 Resp: 35839
Ion Ratio Lower Upper
163 100
194 4.0 3.8 5.8
164 10.0 8.8 13.2



#51
2,6-Dinitrotoluene
Concen: 11.95 ng
RT: 14.771 min Scan# 1946
Delta R.T. 0.432 min
Lab File: BG047942.D
Acq: 20 Jan 2021 18:14

Tgt Ion:165 Resp: 17091
Ion Ratio Lower Upper
165 100
63 1.6 33.7 50.5#
89 2.0 36.6 54.8#

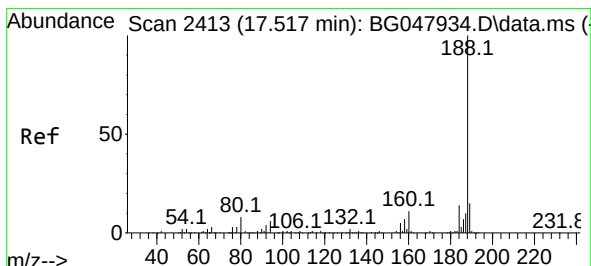
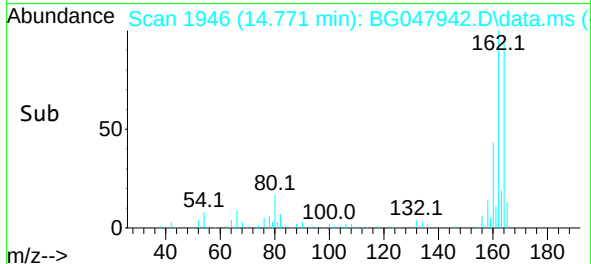
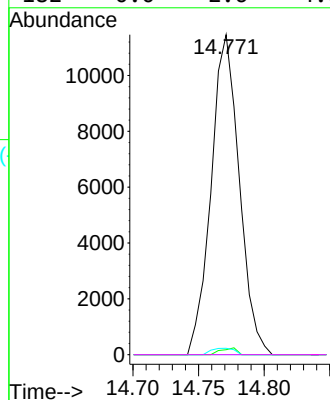
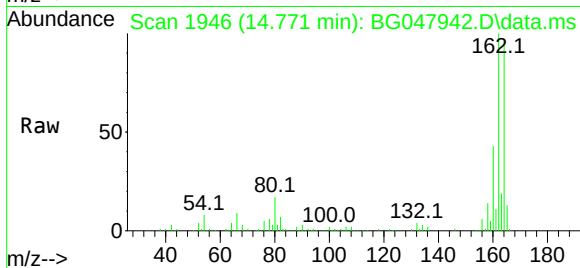




#57
2,4-Dinitrotoluene
Concen: 9.01 ng
RT: 14.771 min Scan# 1946
Delta R.T. -0.349 min
Lab File: BG047942.D
Acq: 20 Jan 2021 18:14

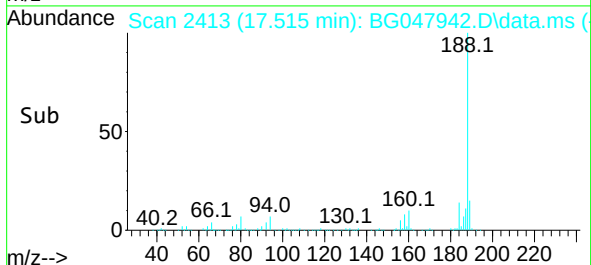
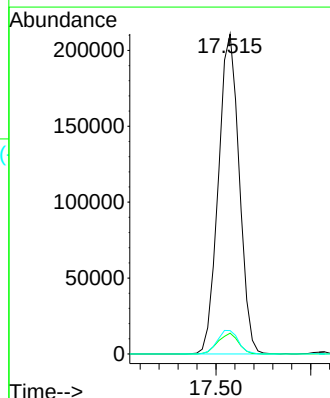
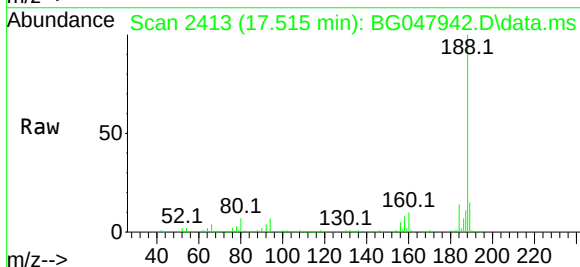
Instrument :
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ClientSampleId :
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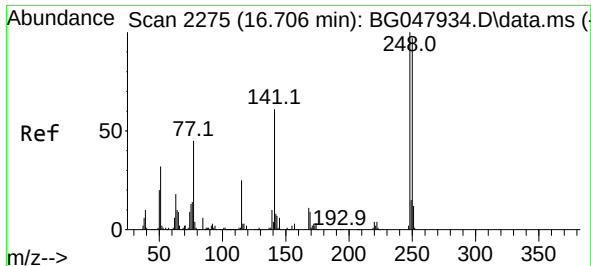
Tgt Ion:165 Resp: 17091
Ion Ratio Lower Upper
165 100
63 1.6 26.4 39.6#
89 2.0 47.8 71.8#
182 0.0 2.6 4.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.515 min Scan# 2413
Delta R.T. -0.002 min
Lab File: BG047942.D
Acq: 20 Jan 2021 18:14

Tgt Ion:188 Resp: 322035
Ion Ratio Lower Upper
188 100
94 6.5 6.3 9.5
80 7.3 7.0 10.6

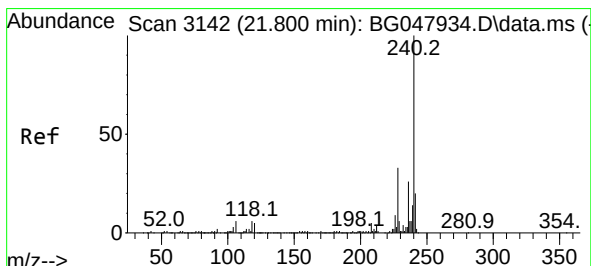
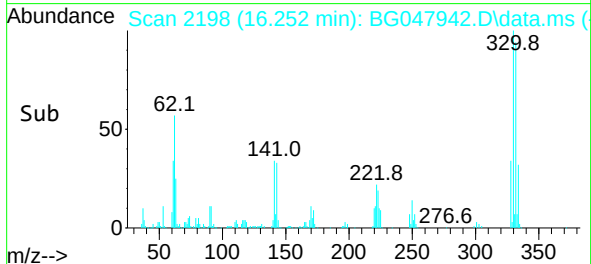
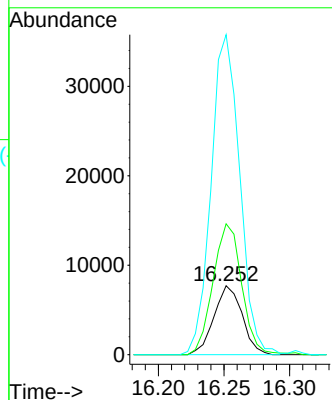
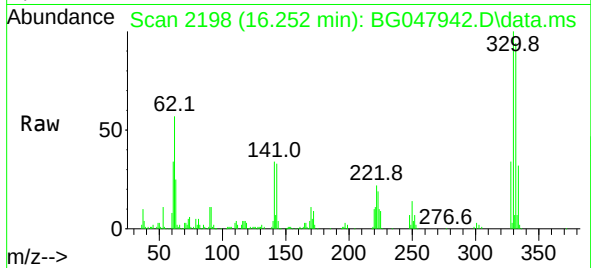




#67
4-Bromophenyl-phenylether
Concen: 2.75 ng
RT: 16.252 min Scan# 2198
Delta R.T. -0.454 min
Lab File: BG047942.D
Acq: 20 Jan 2021 18:14

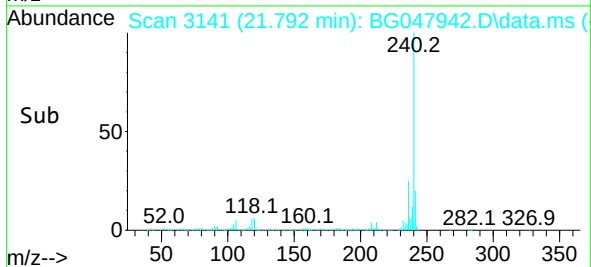
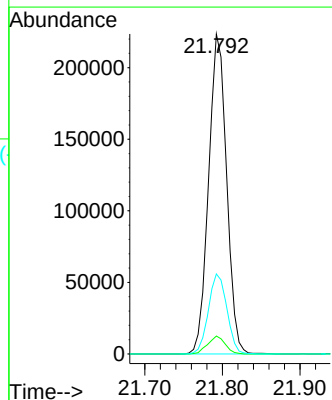
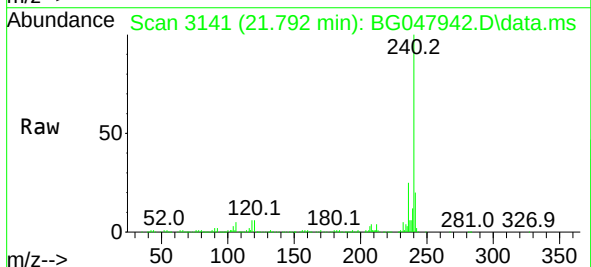
Instrument :
BNA_G
ClientSampleId :
BASIN-6

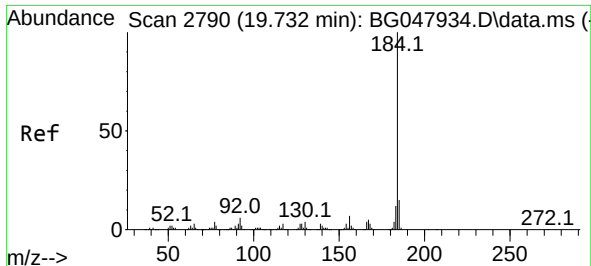
Tgt Ion:248 Resp: 11504
Ion Ratio Lower Upper
248 100
250 189.5 78.9 118.3#
141 463.5 46.2 69.4#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.792 min Scan# 3141
Delta R.T. -0.008 min
Lab File: BG047942.D
Acq: 20 Jan 2021 18:14

Tgt Ion:240 Resp: 360338
Ion Ratio Lower Upper
240 100
120 5.6 6.2 9.4#
236 25.0 20.5 30.7

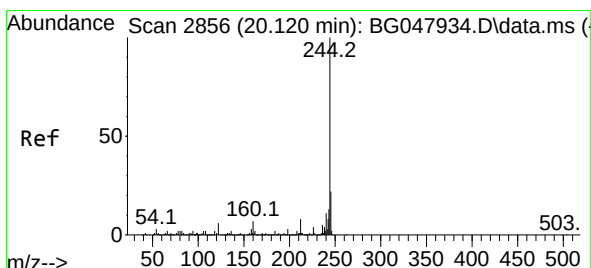
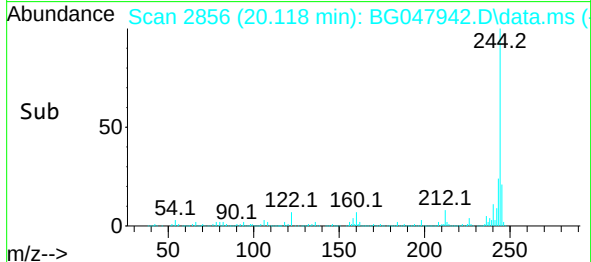
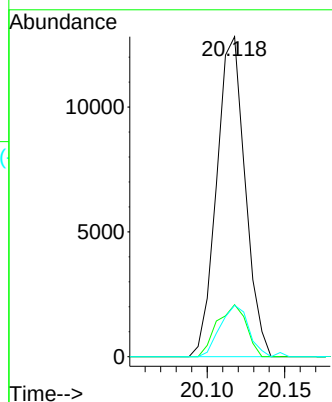
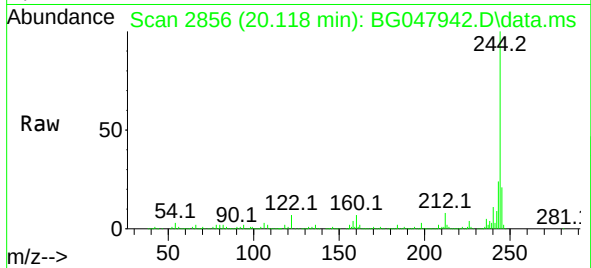




#77
Benzidine
Concen: 2.06 ng
RT: 20.118 min Scan# 2856
Delta R.T. 0.386 min
Lab File: BG047942.D
Acq: 20 Jan 2021 18:14

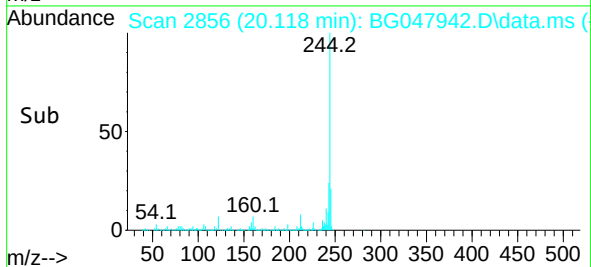
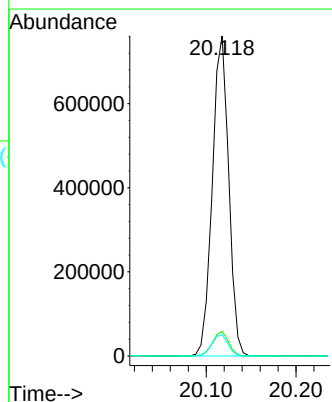
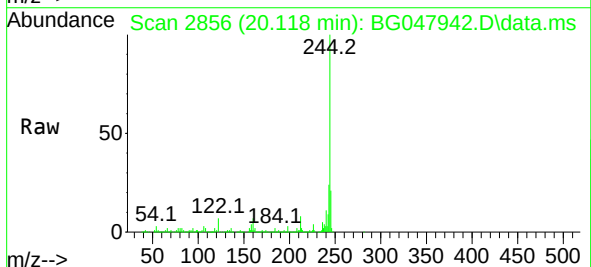
Instrument :
BNA_G
ClientSampleId :
BASIN-6

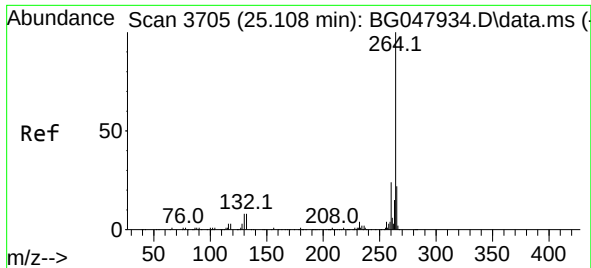
Tgt Ion:184 Resp: 16349
Ion Ratio Lower Upper
184 100
185 16.3 12.4 18.6
183 16.0 10.6 15.8#



#79
Terphenyl-d14
Concen: 49.27 ng
RT: 20.118 min Scan# 2856
Delta R.T. -0.002 min
Lab File: BG047942.D
Acq: 20 Jan 2021 18:14

Tgt Ion:244 Resp: 962675
Ion Ratio Lower Upper
244 100
212 7.7 6.7 10.1
122 6.6 7.8 11.6#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.100 min Scan# 3704
 Delta R.T. -0.008 min
 Lab File: BG047942.D
 Acq: 20 Jan 2021 18:14

Instrument :
 BNA_G
 ClientSampleId :
 BASIN-6

Tgt Ion:264 Resp: 347654
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.8 28.2
 265 21.1 17.8 26.8

