

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG091720\
 Data File : BG046663.D
 Acq On : 17 Sep 2020 15:43
 Operator : CG/JU
 Sample : PB131690BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB131690BL

Quant Time: Sep 17 16:35:38 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 17 14:27:03 2020
 Response via : Initial Calibration

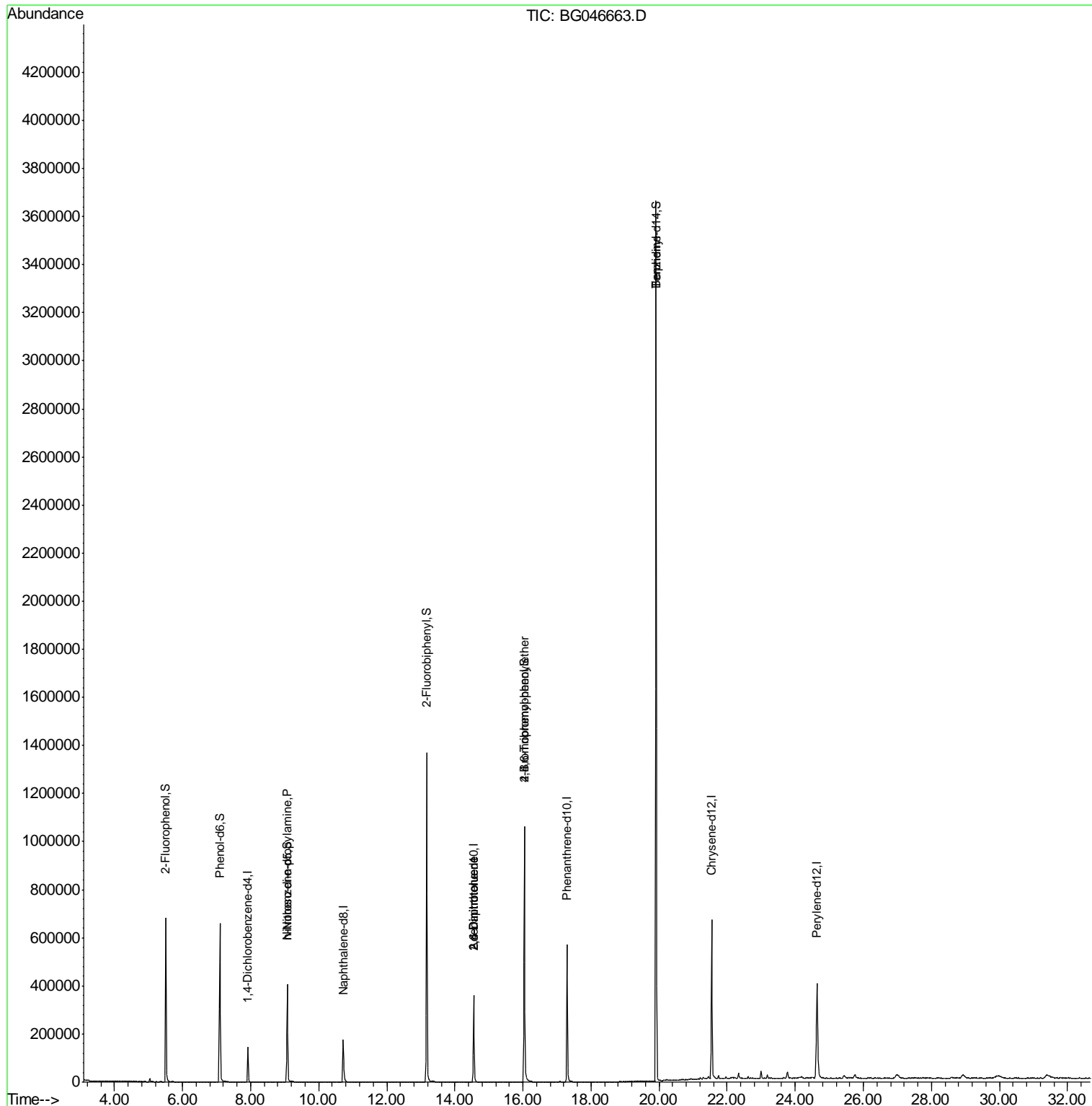
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	46508	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	197347	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	148557	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	417308	20.00	ng	0.00
76) Chrysene-d12	21.55	240	464481	20.00	ng	0.00
86) Perylene-d12	24.64	264	448206	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	335979	127.95	ng	0.00
7) Phenol-d6	7.10	99	450343	120.98	ng	0.00
23) Nitrobenzene-d5	9.08	82	281543	81.54	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	233214	115.86	ng	0.00
45) 2-Fluorobiphenyl	13.17	172	795867	81.78	ng	0.00
79) Terphenyl-d14	19.91	244	1646385	75.43	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.07	70	34895	15.672	ng	# 77
51) 2,6-Dinitrotoluene	14.55	165	19355	7.640	ng	# 35
57) 2,4-Dinitrotoluene	14.55	165	19355	5.358	ng	# 33
67) 4-Bromophenyl-phenylether	16.04	248	17797	3.655	ng	# 1
77) Benzidine	19.91	184	24247	2.247	ng	# 96

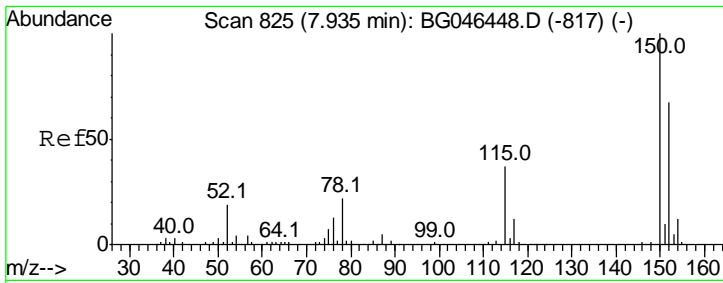
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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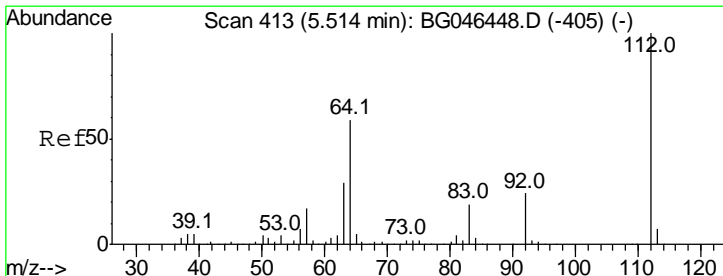
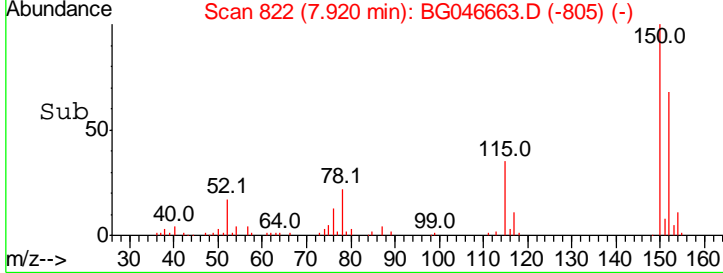
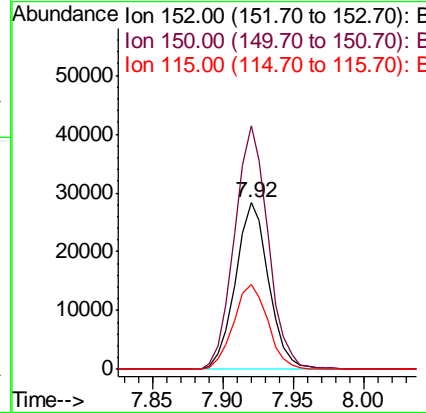
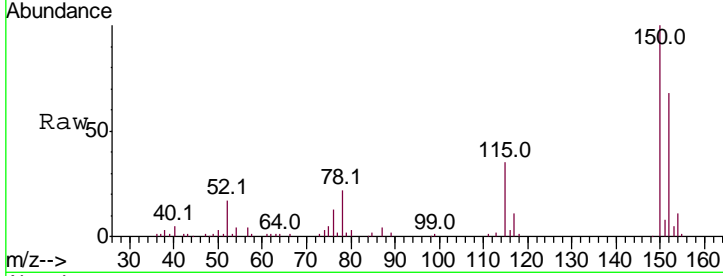




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.92 min Scan# 822
 Delta R.T. 0.00 min
 Lab File: BG046663.D
 Acq: 17 Sep 2020 15:43

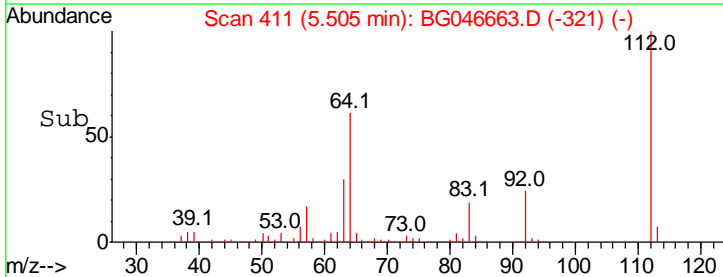
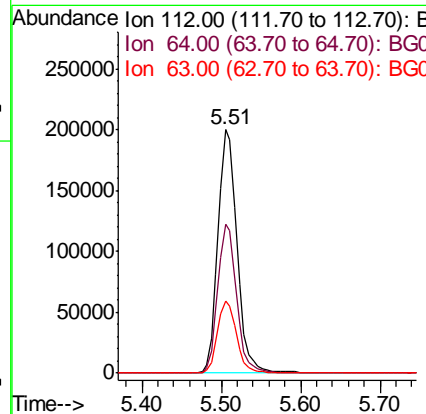
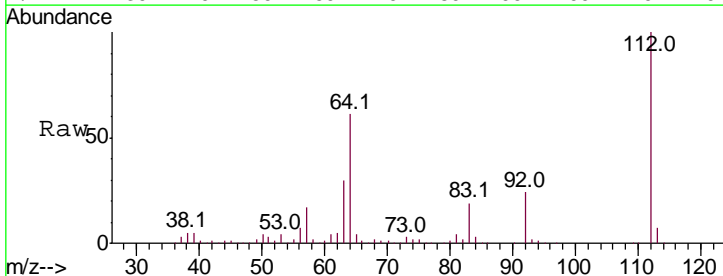
Instrument :
 BNA_G
 ClientSampleID :
 PB131690BL

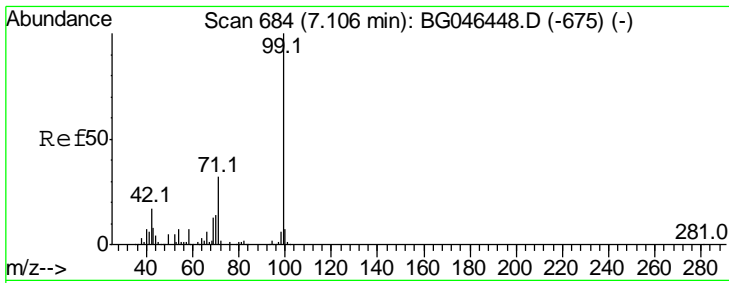
Tgt Ion	Resp	Lower	Upper
152	46508		
150	146.4	125.0	187.6
115	51.2	41.8	62.6



#5
 2-Fluorophenol
 Concen: 127.952 ng
 RT: 5.51 min Scan# 411
 Delta R.T. 0.00 min
 Lab File: BG046663.D
 Acq: 17 Sep 2020 15:43

Tgt Ion	Resp	Lower	Upper
112	335979		
64	61.0	46.7	70.1
63	29.8	22.8	34.2

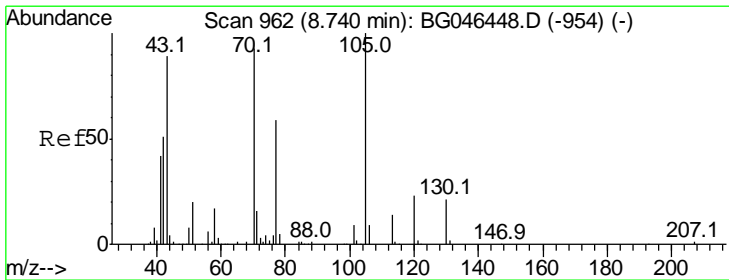
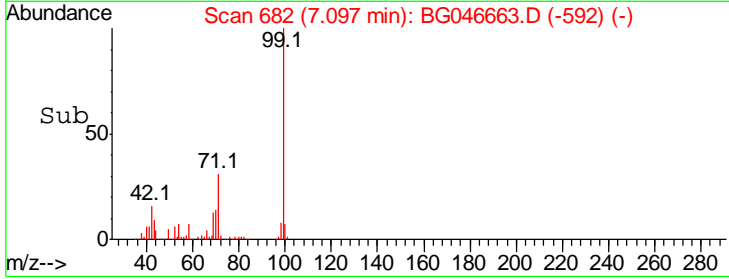
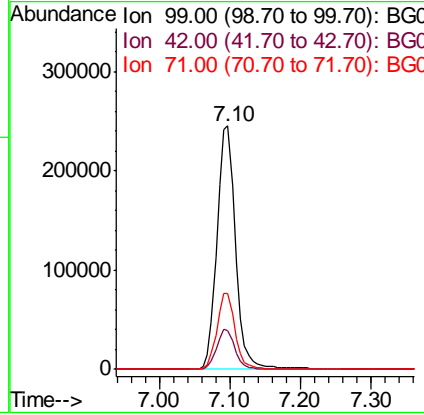
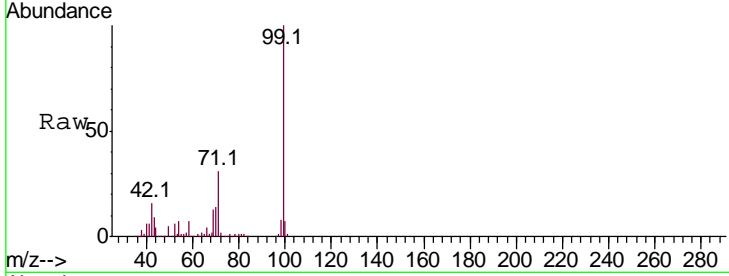




#7
 Phenol-d6
 Concen: 120.983 ng
 RT: 7.10 min Scan# 682
 Delta R.T. 0.00 min
 Lab File: BG046663.D
 Acq: 17 Sep 2020 15:43

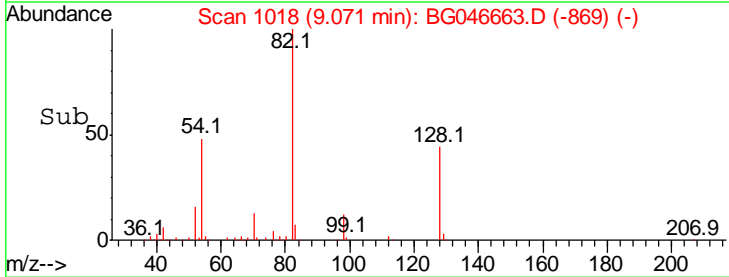
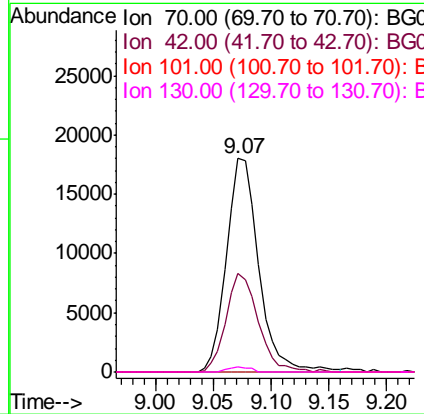
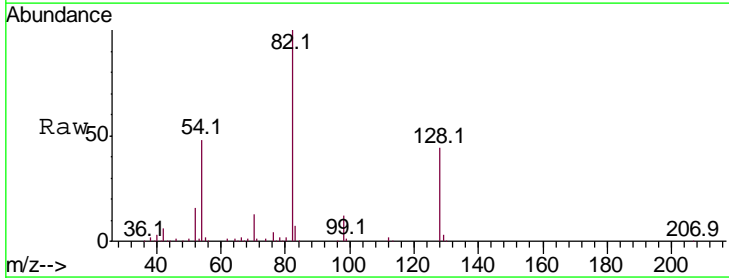
Instrument :
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 ClientSampled :
 PB131690BL

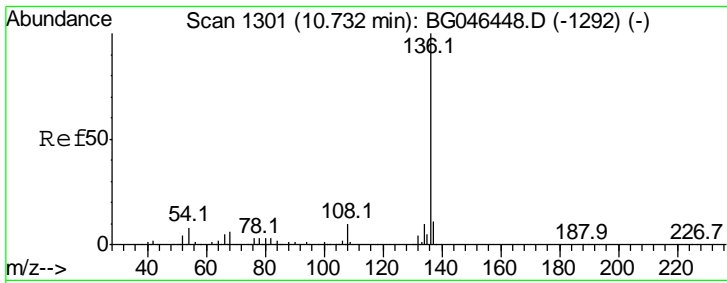
Tgt Ion	Resp	Lower	Upper
99	100		
42	16.2	12.8	19.2
71	30.9	24.6	36.8



#19
 n-Nitroso-di-n-propylamine
 Concen: 15.672 ng
 RT: 9.07 min Scan# 1018
 Delta R.T. 0.35 min
 Lab File: BG046663.D
 Acq: 17 Sep 2020 15:43

Tgt Ion	Resp	Lower	Upper
70	100		
42	46.0	45.6	68.4
101	0.0	8.4	12.6#
130	2.2	17.8	26.8#

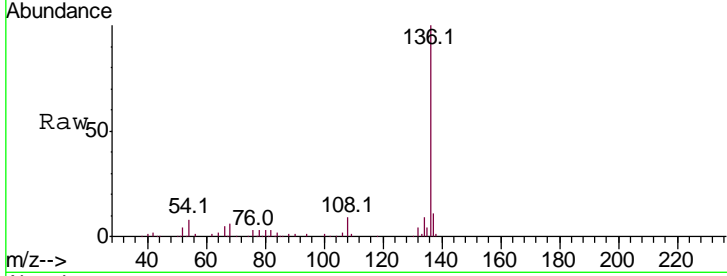




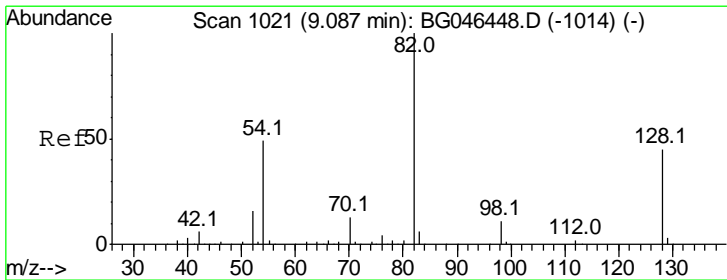
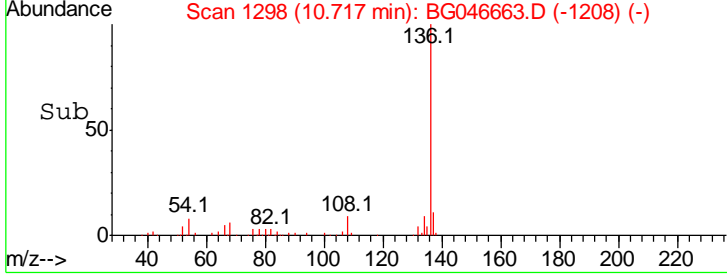
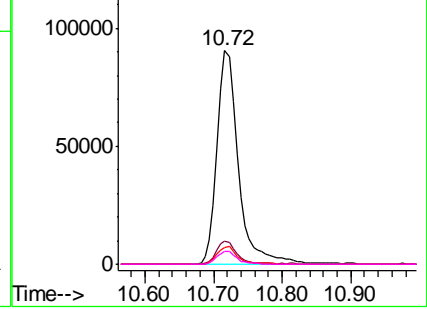
#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.72 min Scan# 1298
 Delta R.T. 0.00 min
 Lab File: BG046663.D
 Acq: 17 Sep 2020 15:43

Instrument :
 BNA_G
 ClientSampled :
 PB131690BL

Tgt Ion	Resp	Lower	Upper
136	197347		
137	10.5	9.1	13.7
54	7.9	6.2	9.4
68	6.1	5.0	7.4

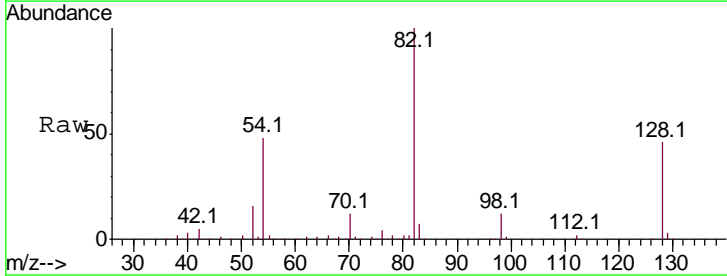


Abundance
 Ion 136.00 (135.70 to 136.70): BGC
 Ion 137.00 (136.70 to 137.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC
 Ion 68.00 (67.70 to 68.70): BGC

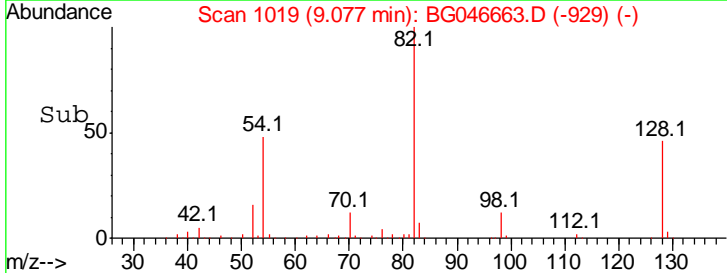
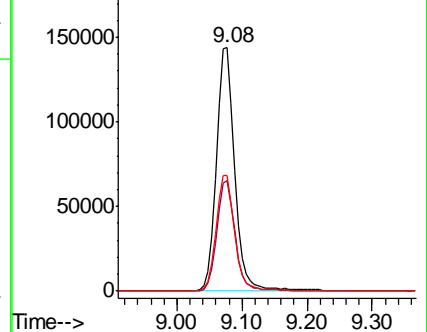


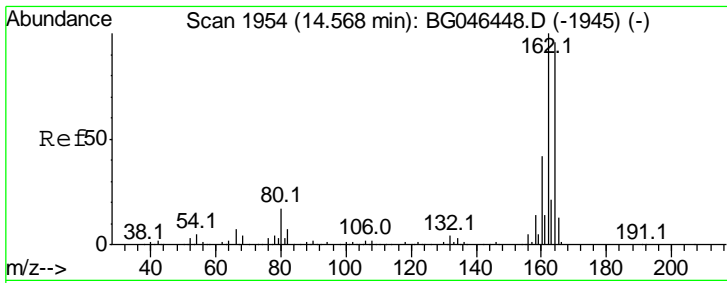
#23
 Nitrobenzene-d5
 Concen: 81.540 ng
 RT: 9.08 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: BG046663.D
 Acq: 17 Sep 2020 15:43

Tgt Ion	Resp	Lower	Upper
82	281543		
128	45.6	37.0	55.6
54	47.7	39.0	58.4



Abundance
 Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

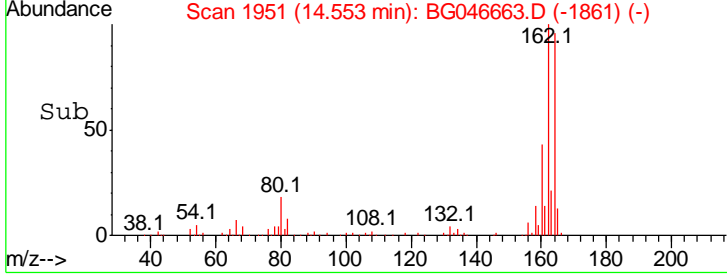
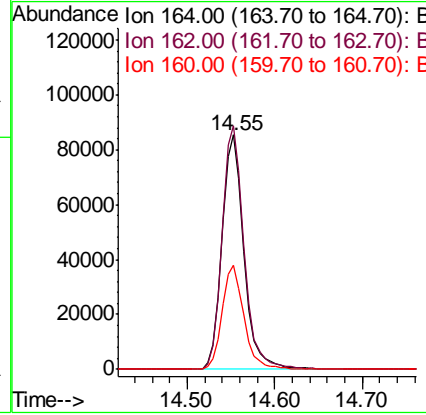
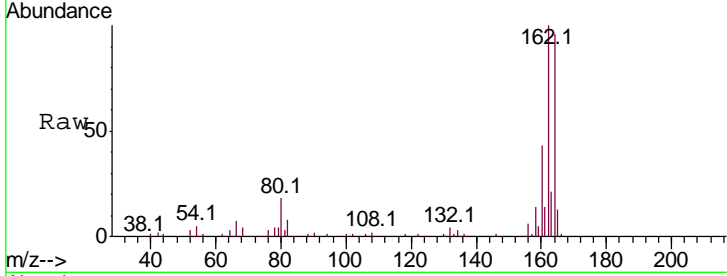




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.55 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: BG046663.D
 Acq: 17 Sep 2020 15:43

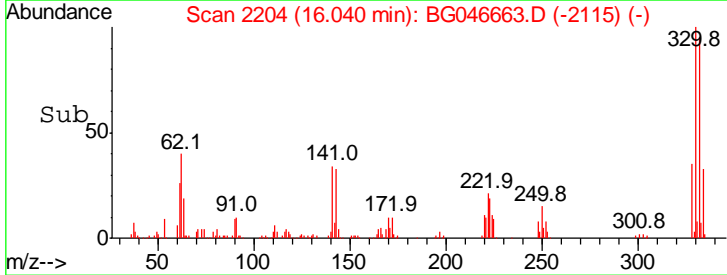
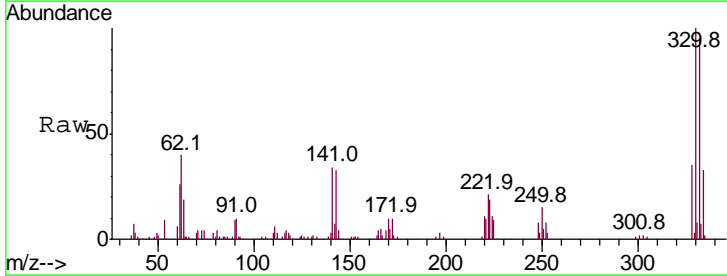
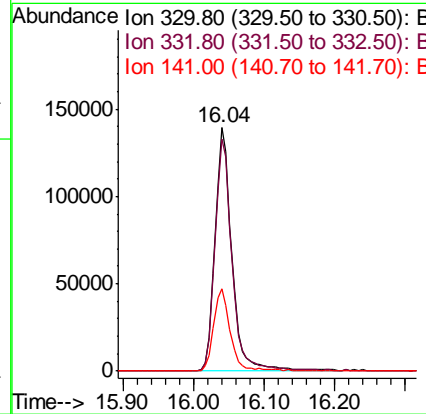
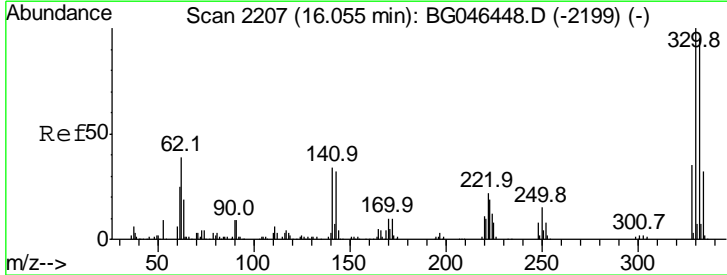
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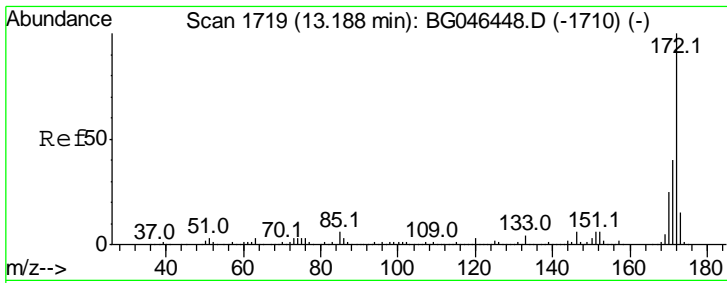
Tgt Ion	Resp	Lower	Upper
164	100		
162	103.9	82.3	123.5
160	44.2	35.3	52.9



#42
 2,4,6-Tribromophenol
 Concen: 115.863 ng
 RT: 16.04 min Scan# 2204
 Delta R.T. -0.01 min
 Lab File: BG046663.D
 Acq: 17 Sep 2020 15:43

Tgt Ion	Resp	Lower	Upper
330	100		
332	96.3	76.5	114.7
141	33.4	26.0	39.0

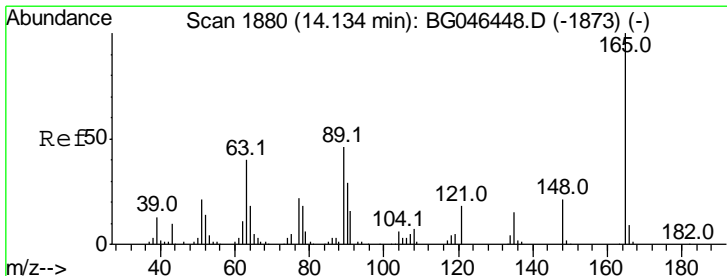
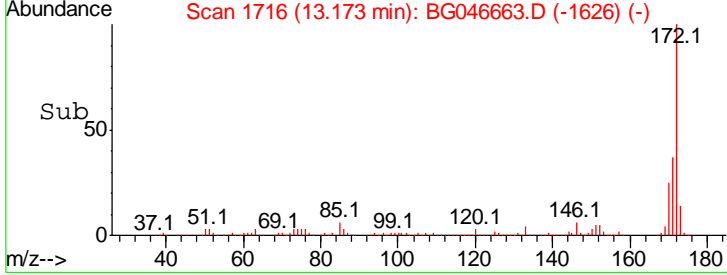
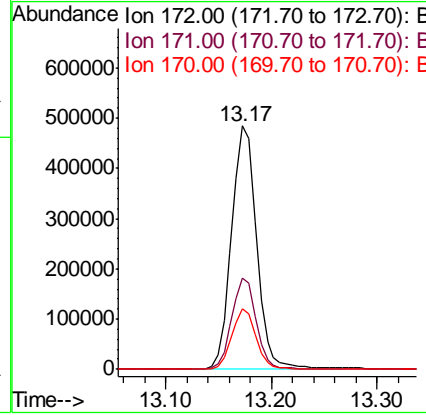
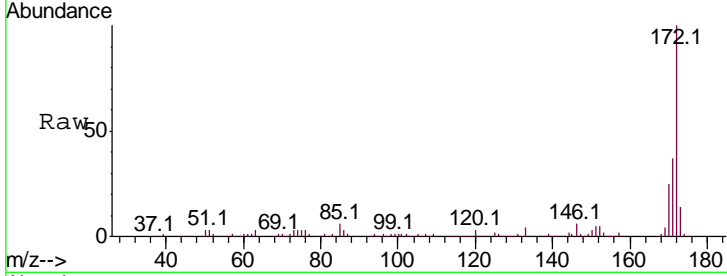




#45
 2-Fluorobiphenyl
 Concen: 81.783 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. 0.00 min
 Lab File: BG046663.D
 Acq: 17 Sep 2020 15:43

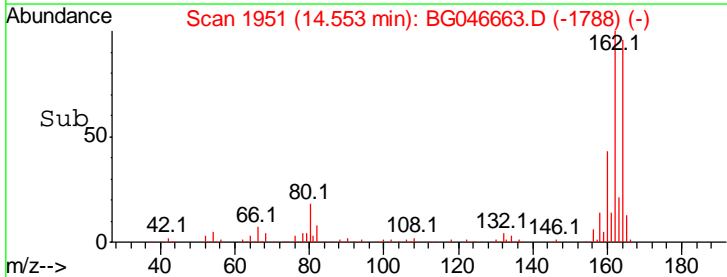
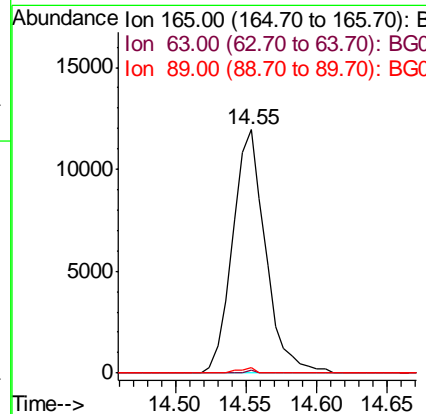
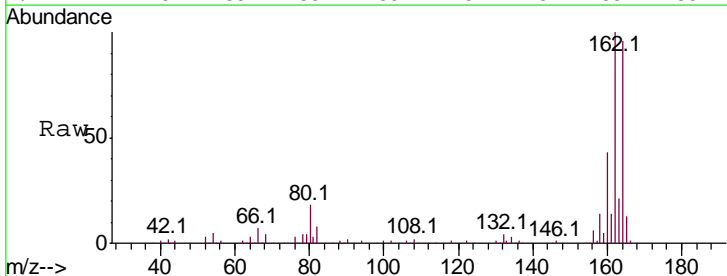
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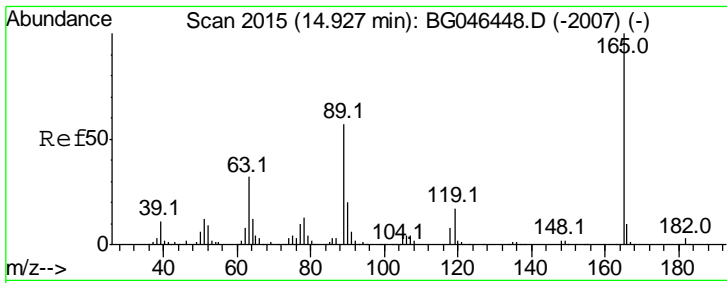
Tgt Ion	Resp	Lower	Upper
172	100		
171	37.3	31.3	46.9
170	24.6	20.8	31.2



#51
 2,6-Dinitrotoluene
 Concen: 7.640 ng
 RT: 14.55 min Scan# 1951
 Delta R.T. 0.43 min
 Lab File: BG046663.D
 Acq: 17 Sep 2020 15:43

Tgt Ion	Resp	Lower	Upper
165	100		
63	1.3	33.7	50.5#
89	2.0	36.6	54.8#

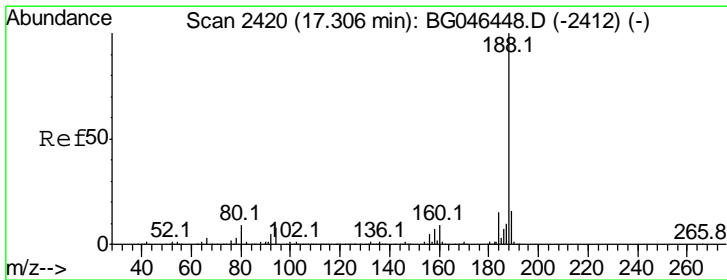
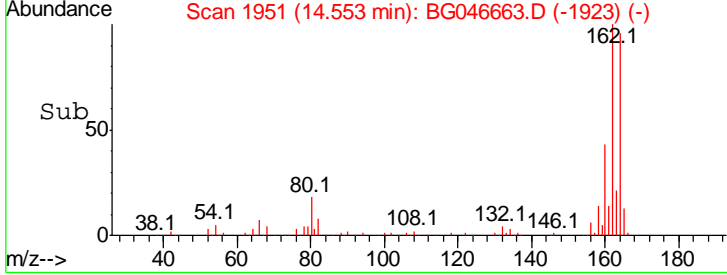
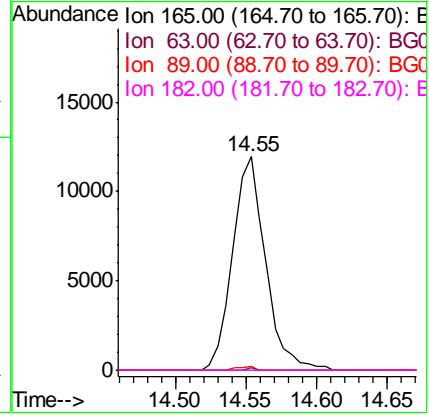
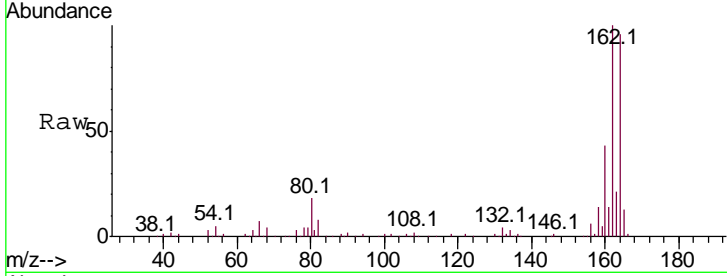




#57
 2,4-Dinitrotoluene
 Concen: 5.358 ng
 RT: 14.55 min Scan# 1951
 Delta R.T. -0.36 min
 Lab File: BG046663.D
 Acq: 17 Sep 2020 15:43

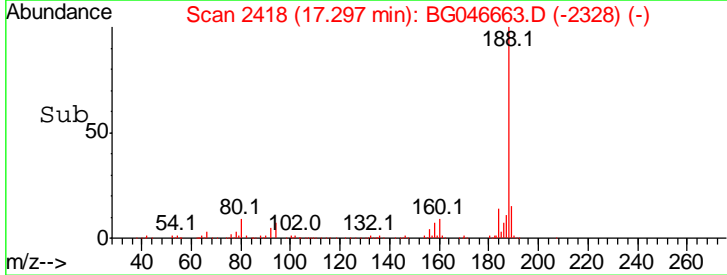
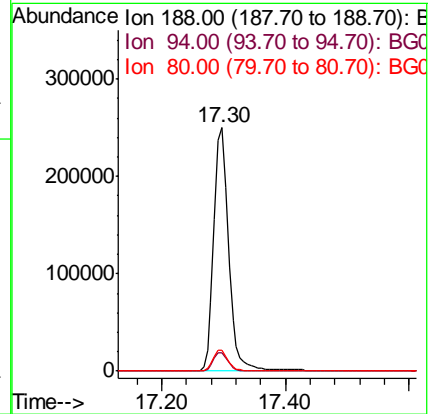
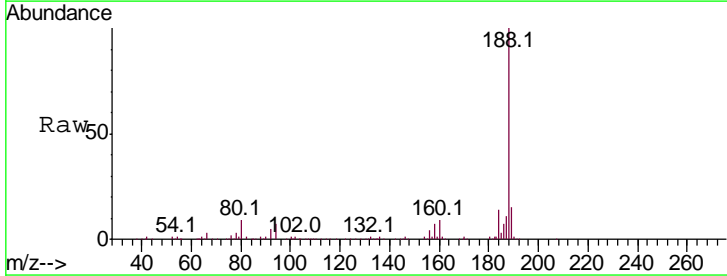
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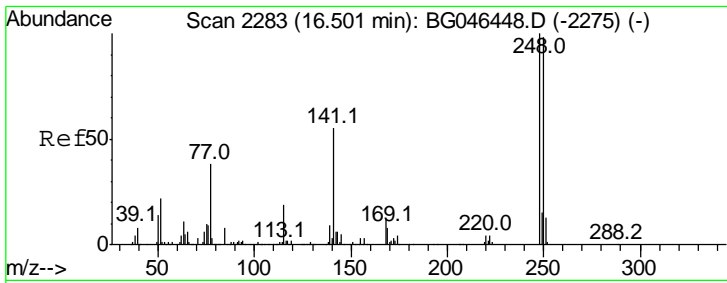
Tgt Ion	Resp	Lower	Upper
165	100		
63	1.3	26.4	39.6#
89	2.0	47.8	71.8#
182	0.0	2.6	4.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.30 min Scan# 2418
 Delta R.T. 0.00 min
 Lab File: BG046663.D
 Acq: 17 Sep 2020 15:43

Tgt Ion	Resp	Lower	Upper
188	100		
94	7.3	6.3	9.5
80	8.7	7.0	10.6

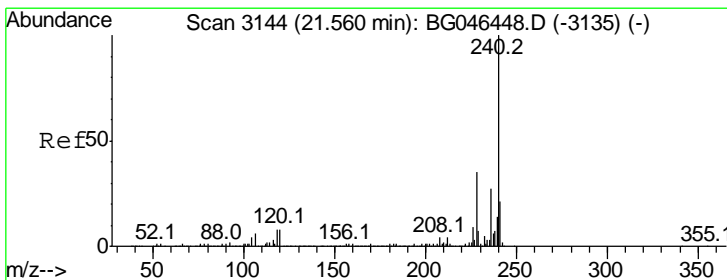
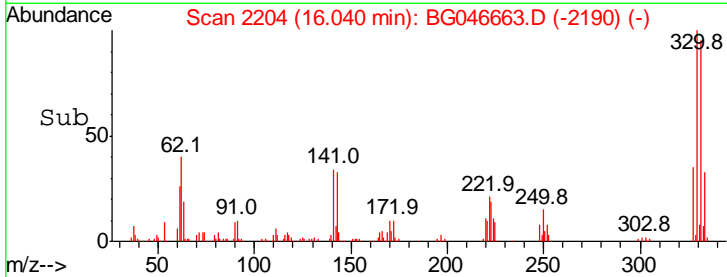
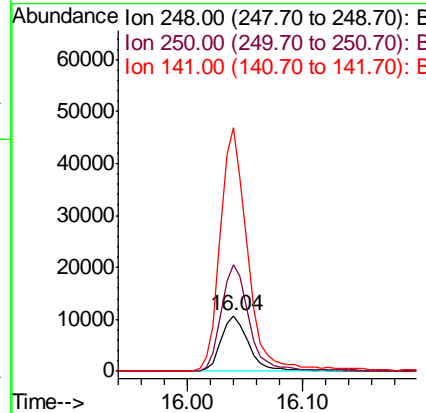
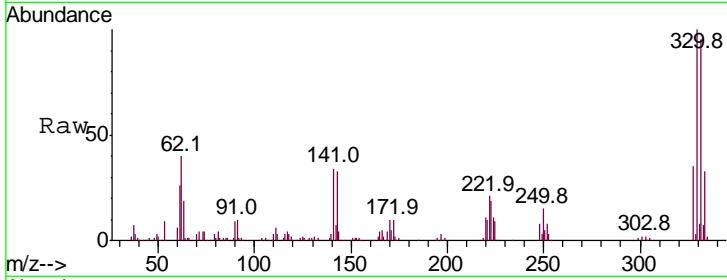




#67
 4-Bromophenyl-phenylether
 Concen: 3.655 ng
 RT: 16.04 min Scan# 2204
 Delta R.T. -0.45 min
 Lab File: BG046663.D
 Acq: 17 Sep 2020 15:43

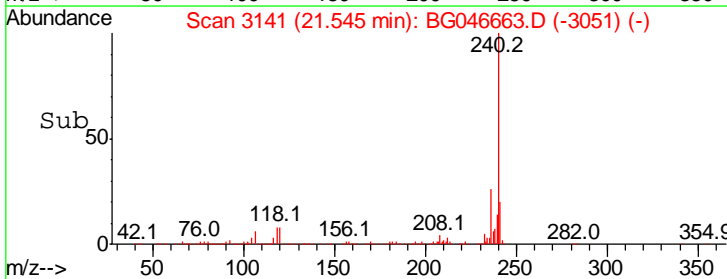
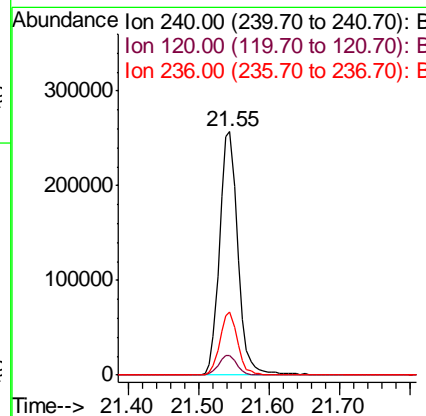
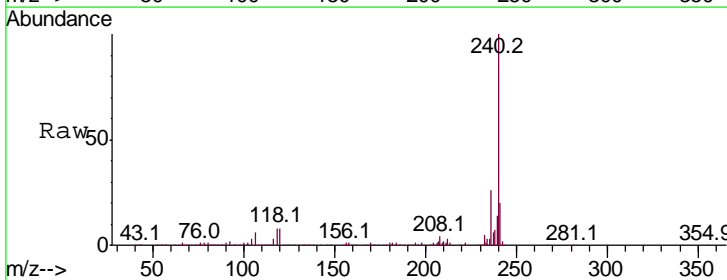
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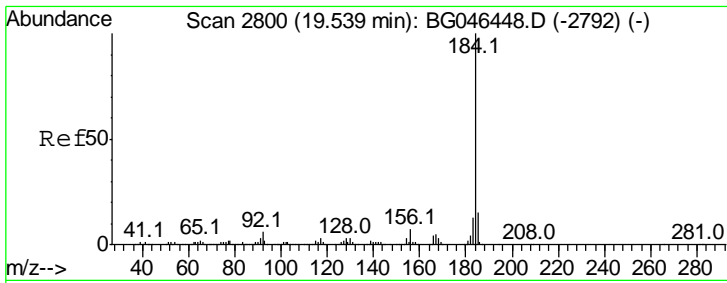
Tgt Ion	Resp	Lower	Upper
248	17797		
250	192.9	78.9	118.3#
141	438.1	46.2	69.4#



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.55 min Scan# 3141
 Delta R.T. 0.00 min
 Lab File: BG046663.D
 Acq: 17 Sep 2020 15:43

Tgt Ion	Resp	Lower	Upper
240	464481		
120	8.1	6.2	9.4
236	25.9	20.5	30.7

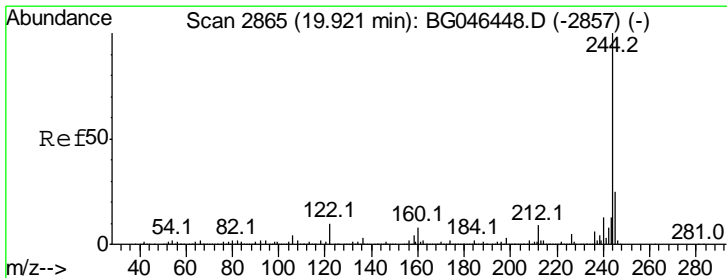
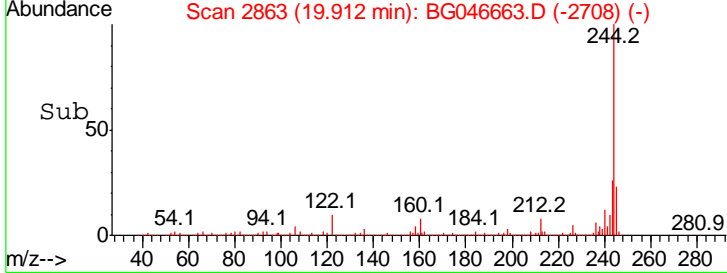
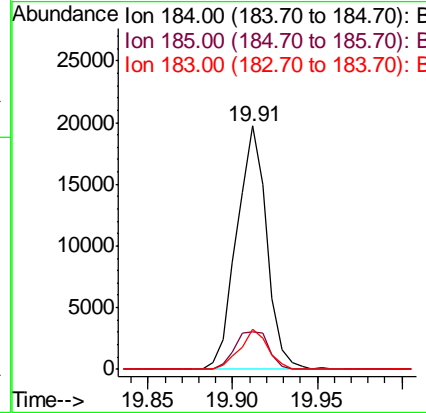
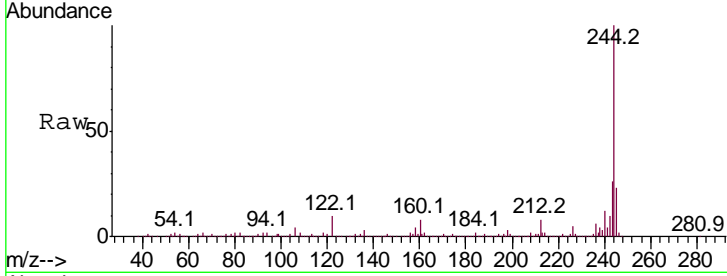




#77
 Benzidine
 Concen: 2.247 ng
 RT: 19.91 min Scan# 2863
 Delta R.T. 0.38 min
 Lab File: BG046663.D
 Acq: 17 Sep 2020 15:43

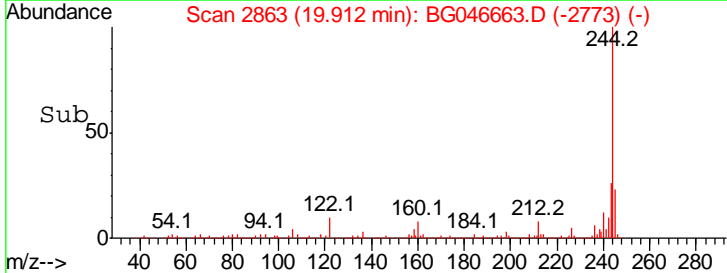
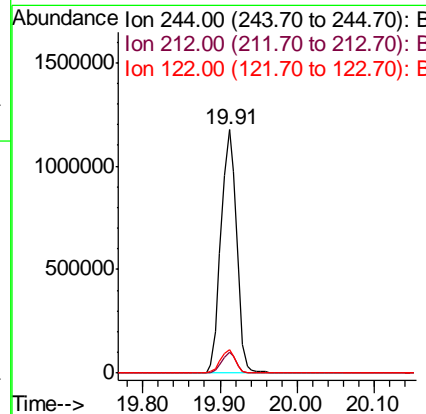
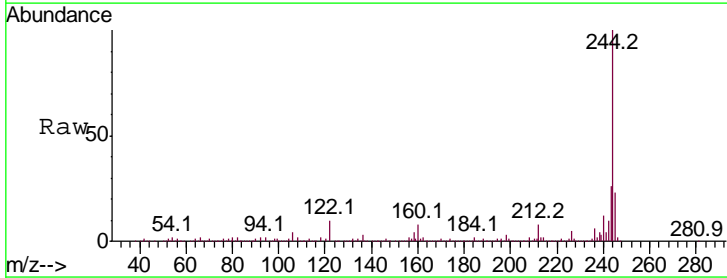
Instrument :
 BNA_G
 ClientSampled :
 PB131690BL

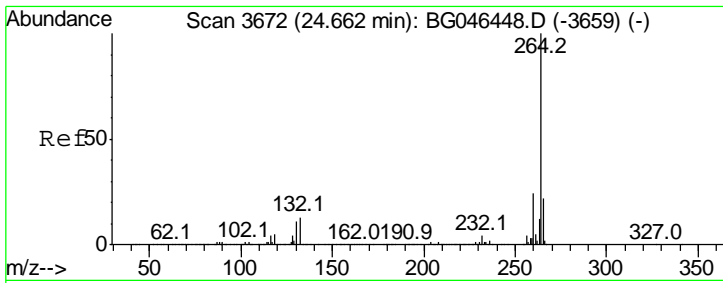
Tgt Ion	Resp	Lower	Upper
184	100		
185	15.5	12.4	18.6
183	16.7	10.6	15.8#



#79
 Terphenyl-d14
 Concen: 75.435 ng
 RT: 19.91 min Scan# 2863
 Delta R.T. 0.00 min
 Lab File: BG046663.D
 Acq: 17 Sep 2020 15:43

Tgt Ion	Resp	Lower	Upper
244	100		
212	8.4	6.7	10.1
122	9.7	7.8	11.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.64 min Scan# 3668
 Delta R.T. 0.00 min
 Lab File: BG046663.D
 Acq: 17 Sep 2020 15:43

Instrument :
 BNA_G
ClientSampled :
 PB131690BL

Tot Ion: 264 Resp: 448206

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.8	28.2
265	22.0	17.8	26.8

