

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030421\
 Data File : BG048336.D
 Acq On : 4 Mar 2021 20:09
 Operator : CG/JU
 Sample : M1542-01 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-030221

Quant Time: Mar 04 23:28:21 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG021021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 03 16:40:27 2021
 Response via : Initial Calibration

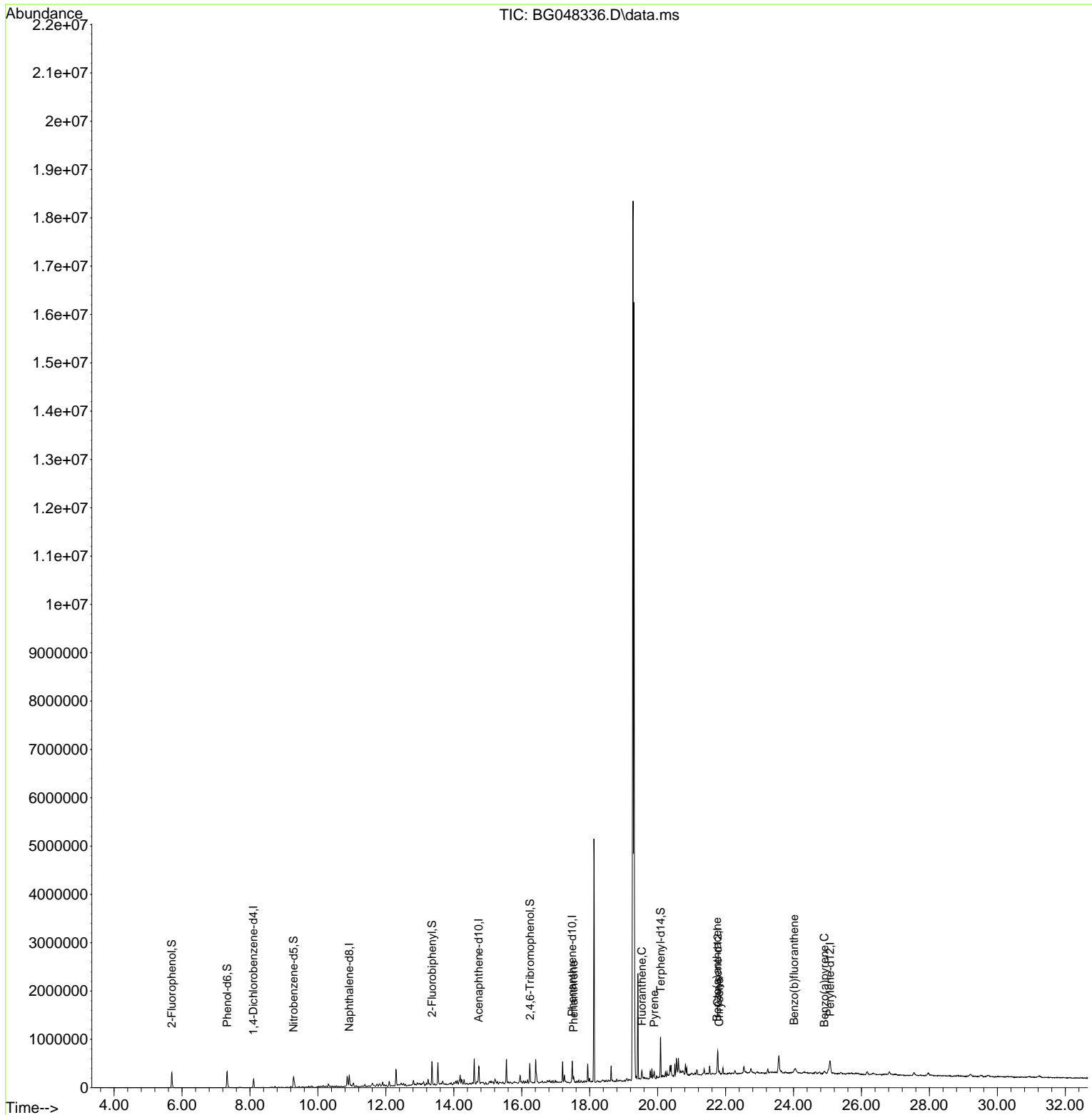
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.102	152	47013	20.00	ng	#	0.00
21) Naphthalene-d8	10.922	136	179027	20.00	ng		0.00
39) Acenaphthene-d10	14.735	164	121939	20.00	ng		0.00
64) Phenanthrene-d10	17.485	188	267864	20.00	ng	#	0.00
76) Chrysene-d12	21.768	240	287057	20.00	ng	#	0.00
86) Perylene-d12	25.076	264	293275	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.699	112	125232	45.34	ng		0.01
7) Phenol-d6	7.326	99	176461	42.05	ng		0.01
23) Nitrobenzene-d5	9.283	82	131231	31.01	ng		0.00
42) 2,4,6-Tribromophenol	16.239	330	75359	38.64	ng		0.00
45) 2-Fluorobiphenyl	13.355	172	249787	28.72	ng		0.00
79) Terphenyl-d14	20.088	244	371661	23.66	ng		0.00
Target Compounds							Qvalue
71) Phenanthrene	17.526	178	59637	4.10	ng		95
75) Fluoranthene	19.535	202	97369	5.14	ng		95
78) Pyrene	19.900	202	98422	4.91	ng		99
81) Benzo(a)anthracene	21.751	228	57557	2.87	ng	#	96
83) Chrysene	21.815	228	55985	2.93	ng	#	93
88) Benzo(b)fluoranthene	24.018	252	69410	3.42	ng	#	77
90) Benzo(a)pyrene	24.912	252	52236	2.78	ng	#	96

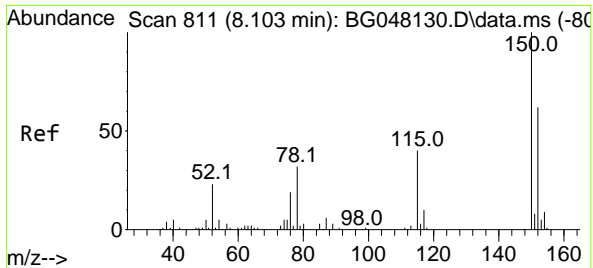
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 QLast Update : Wed Mar 03 16:40:27 2021
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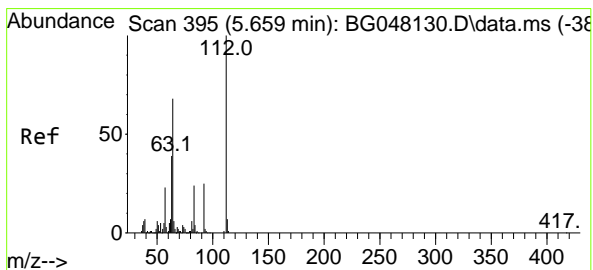
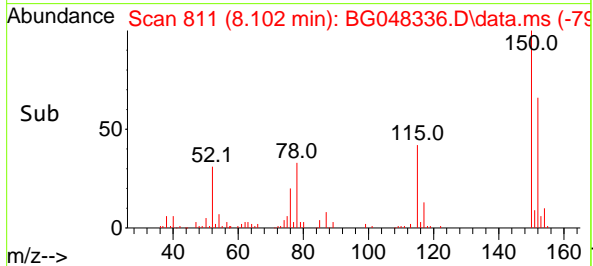
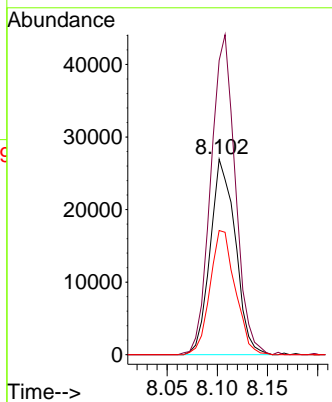
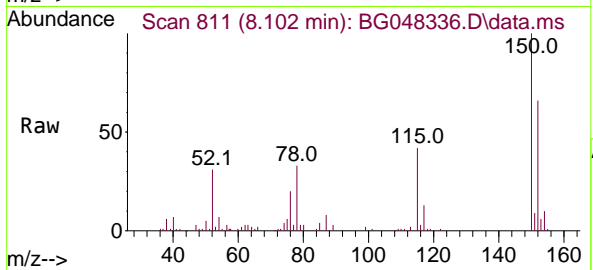




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.102 min Scan# 811
 Delta R.T. -0.000 min
 Lab File: BG048336.D
 Acq: 4 Mar 2021 20:09

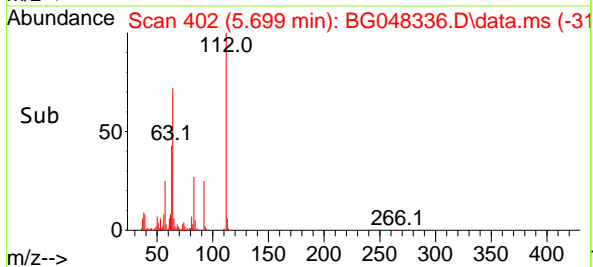
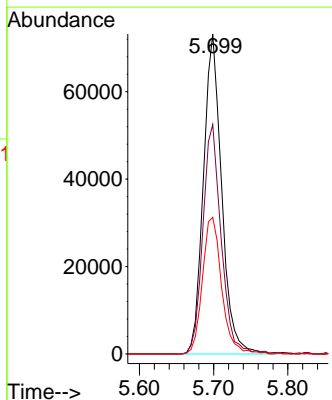
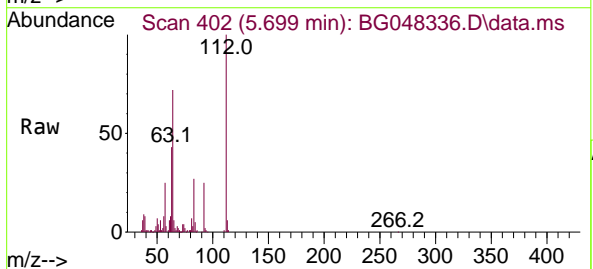
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 SU-03-030221

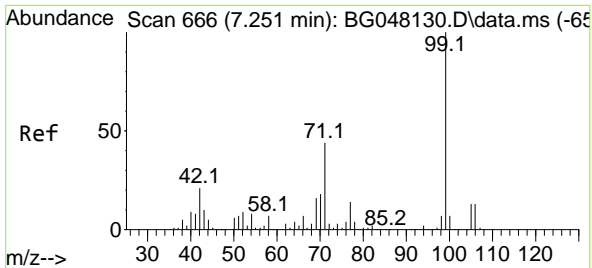
Tgt Ion:152 Resp: 47013
 Ion Ratio Lower Upper
 152 100
 150 150.5 125.0 187.6
 115 63.5 41.8 62.6#



#5
 2-Fluorophenol
 Concen: 45.34 ng
 RT: 5.699 min Scan# 402
 Delta R.T. 0.011 min
 Lab File: BG048336.D
 Acq: 4 Mar 2021 20:09

Tgt Ion:112 Resp: 125232
 Ion Ratio Lower Upper
 112 100
 64 71.7 46.7 70.1#
 63 42.7 22.8 34.2#

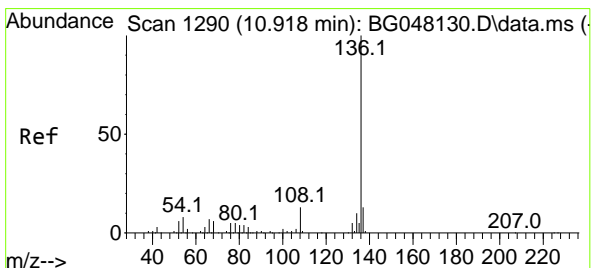
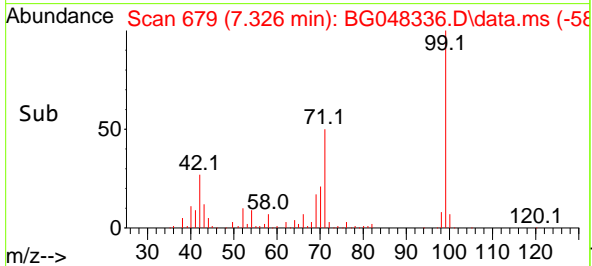
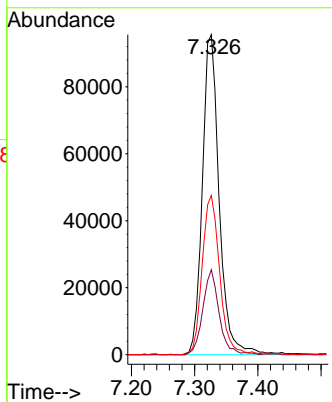
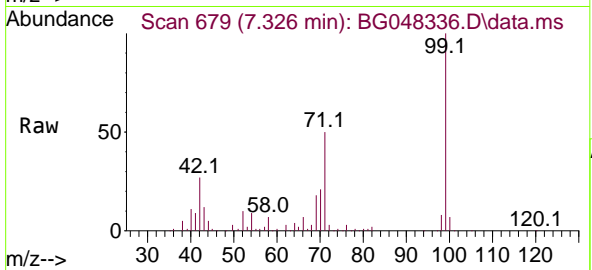




#7
 Phenol-d6
 Concen: 42.05 ng
 RT: 7.326 min Scan# 679
 Delta R.T. 0.011 min
 Lab File: BG048336.D
 Acq: 4 Mar 2021 20:09

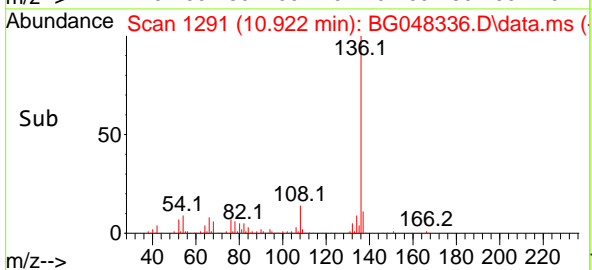
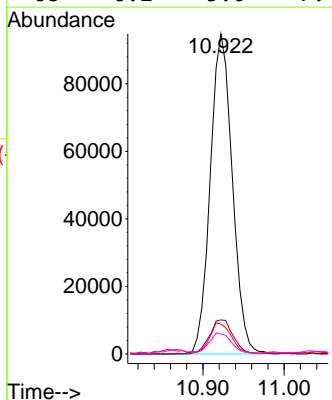
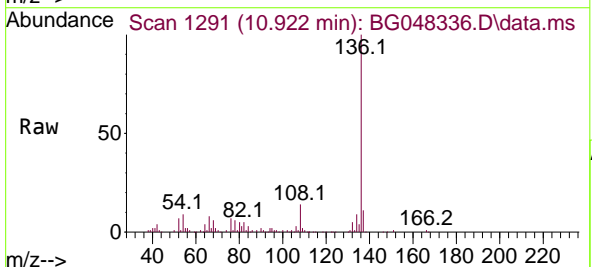
Instrument :
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 ClientSampled :
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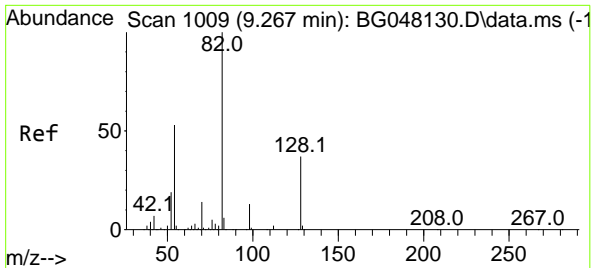
Tgt Ion	Resp	Lower	Upper
99	176461		
42	26.6	12.8	19.2#
71	49.8	24.6	36.8#



#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 10.922 min Scan# 1291
 Delta R.T. -0.000 min
 Lab File: BG048336.D
 Acq: 4 Mar 2021 20:09

Tgt Ion	Resp	Lower	Upper
136	179027		
137	10.6	9.1	13.7
54	9.3	6.2	9.4
68	6.2	5.0	7.4



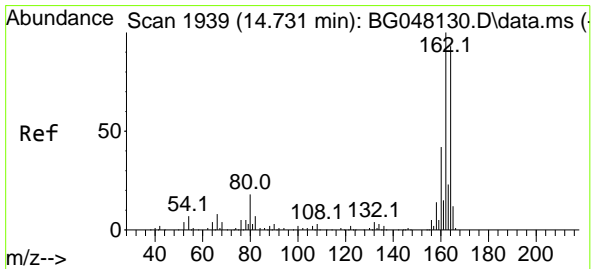
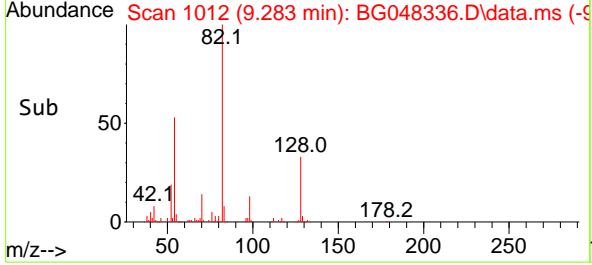
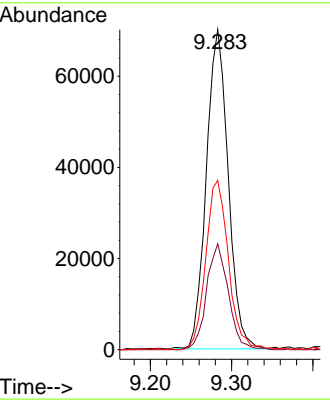
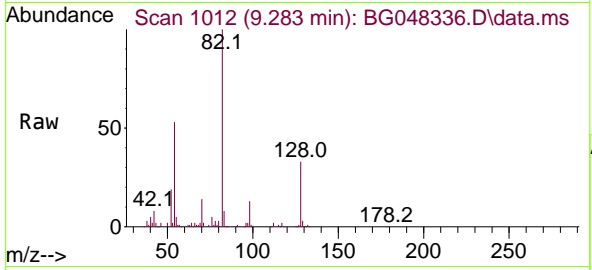


#23
 Nitrobenzene-d5
 Concen: 31.01 ng
 RT: 9.283 min Scan# 1012
 Delta R.T. -0.000 min
 Lab File: BG048336.D
 Acq: 4 Mar 2021 20:09

Instrument :
 BNA_G
 ClientSampled :
 SU-03-030221

Tgt Ion: 82 Resp: 131231

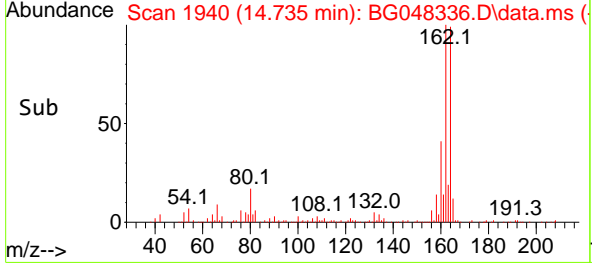
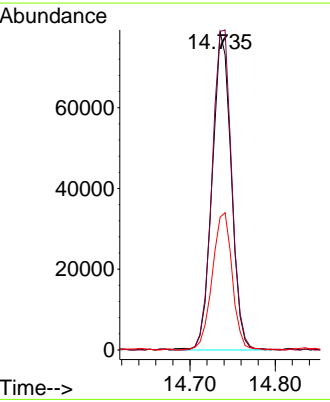
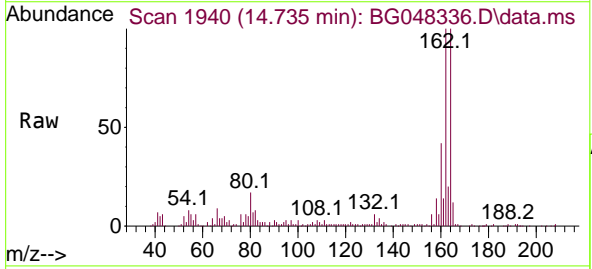
Ion	Ratio	Lower	Upper
82	100		
128	33.1	37.0	55.6#
54	52.9	39.0	58.4

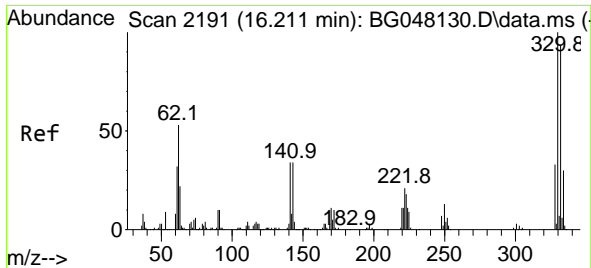


#39
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.735 min Scan# 1940
 Delta R.T. -0.000 min
 Lab File: BG048336.D
 Acq: 4 Mar 2021 20:09

Tgt Ion: 164 Resp: 121939

Ion	Ratio	Lower	Upper
164	100		
162	100.3	82.3	123.5
160	41.8	35.3	52.9

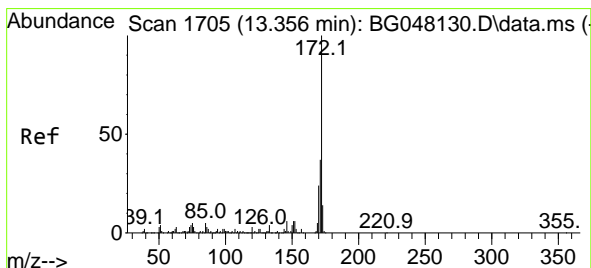
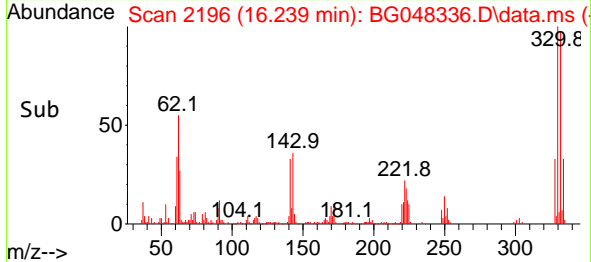
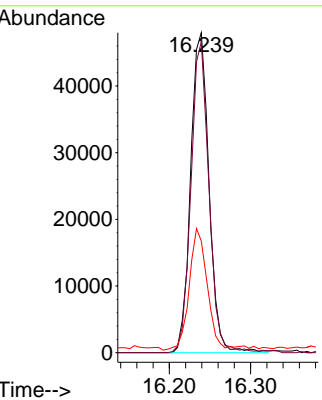
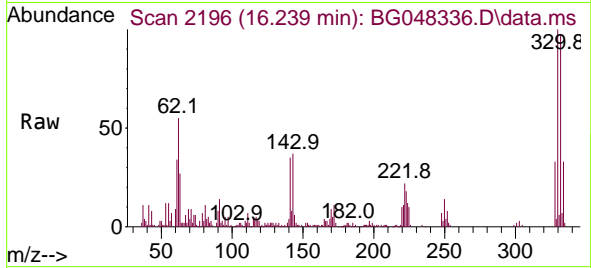




#42
 2,4,6-Tribromophenol
 Concen: 38.64 ng
 RT: 16.239 min Scan# 2196
 Delta R.T. -0.000 min
 Lab File: BG048336.D
 Acq: 4 Mar 2021 20:09

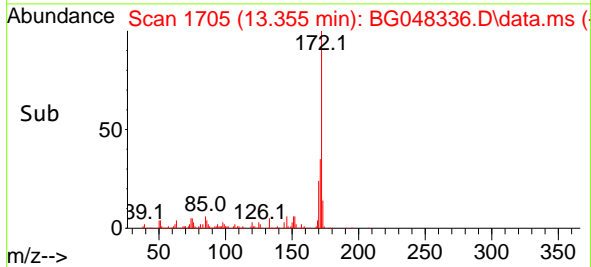
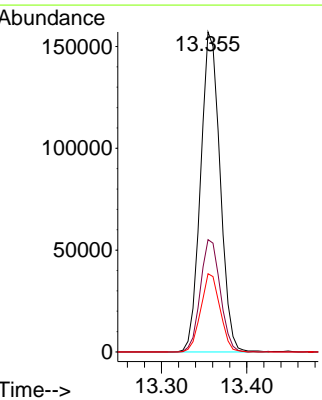
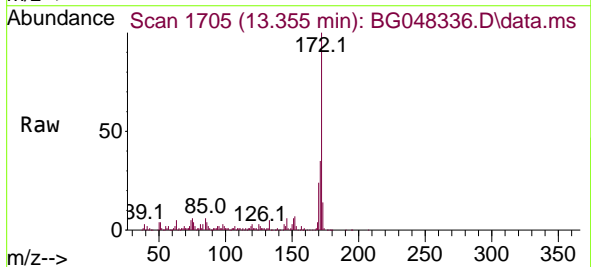
Instrument :
 BNA_G
 ClientSampled :
 SU-03-030221

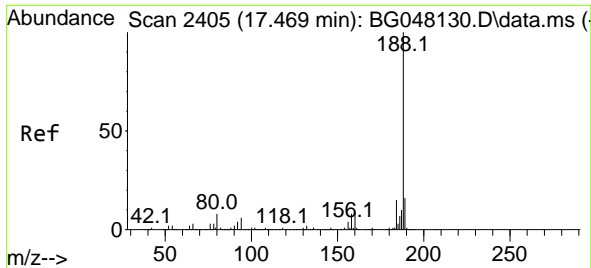
Tgt Ion	Resp	Lower	Upper
330	100		
332	94.8	76.5	114.7
141	37.2	26.0	39.0



#45
 2-Fluorobiphenyl
 Concen: 28.72 ng
 RT: 13.355 min Scan# 1705
 Delta R.T. -0.006 min
 Lab File: BG048336.D
 Acq: 4 Mar 2021 20:09

Tgt Ion	Resp	Lower	Upper
172	100		
171	35.1	31.3	46.9
170	24.4	20.8	31.2

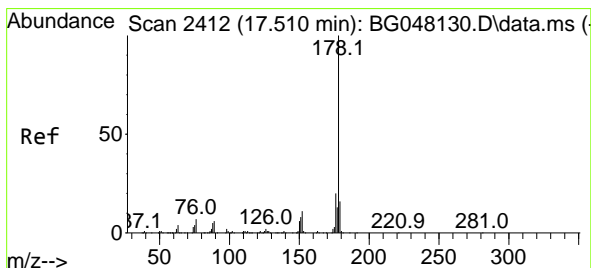
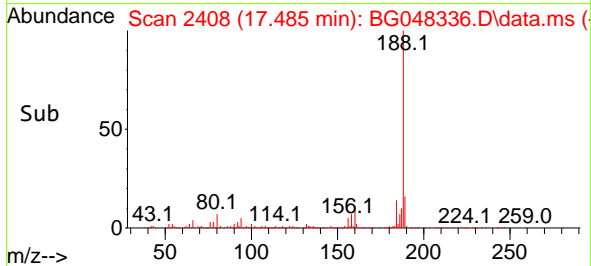
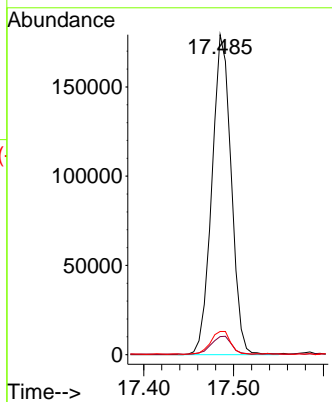
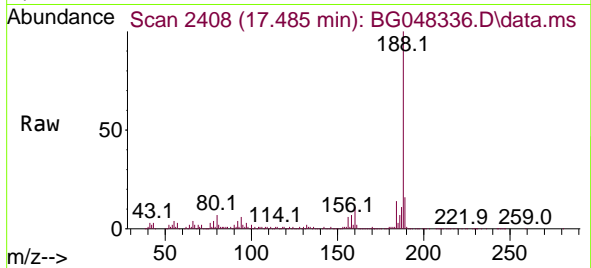




#64
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.485 min Scan# 2408
 Delta R.T. -0.000 min
 Lab File: BG048336.D
 Acq: 4 Mar 2021 20:09

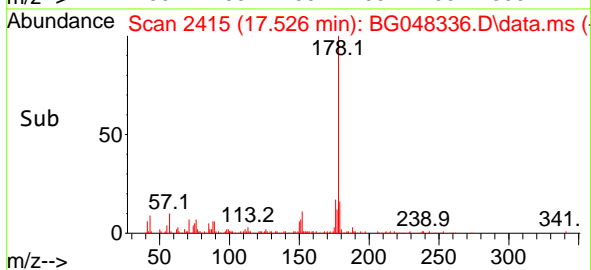
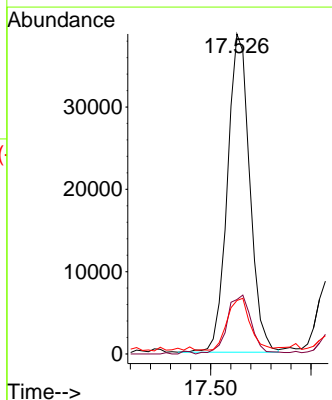
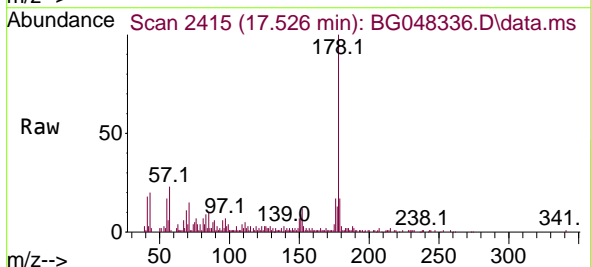
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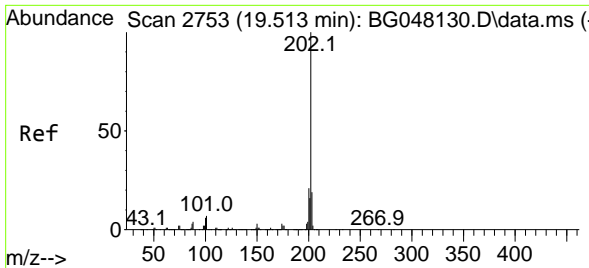
Tgt Ion:188 Resp: 267864
 Ion Ratio Lower Upper
 188 100
 94 5.7 6.3 9.5#
 80 7.2 7.0 10.6



#71
 Phenanthrene
 Concen: 4.10 ng
 RT: 17.526 min Scan# 2415
 Delta R.T. -0.006 min
 Lab File: BG048336.D
 Acq: 4 Mar 2021 20:09

Tgt Ion:178 Resp: 59637
 Ion Ratio Lower Upper
 178 100
 176 17.0 16.7 25.1
 179 16.7 14.0 21.0

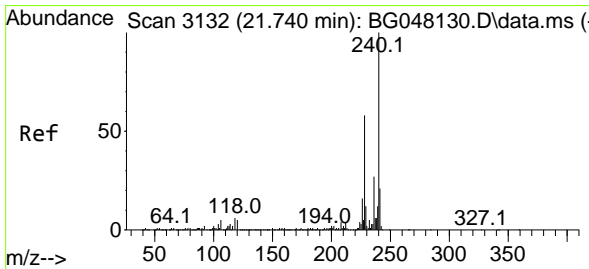
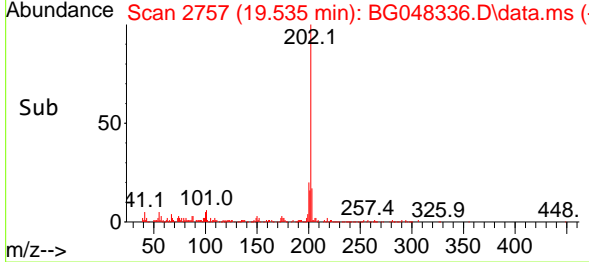
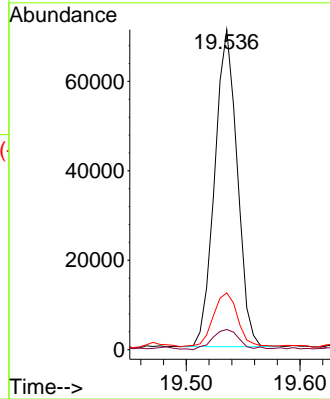
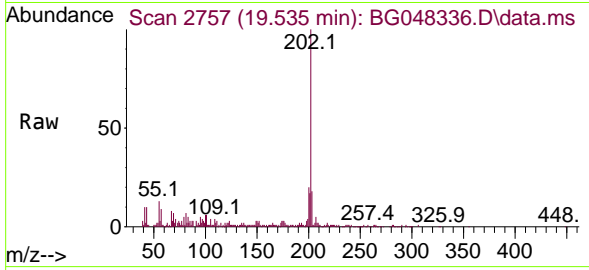




#75
 Fluoranthene
 Concen: 5.14 ng
 RT: 19.535 min Scan# 2757
 Delta R.T. -0.000 min
 Lab File: BG048336.D
 Acq: 4 Mar 2021 20:09

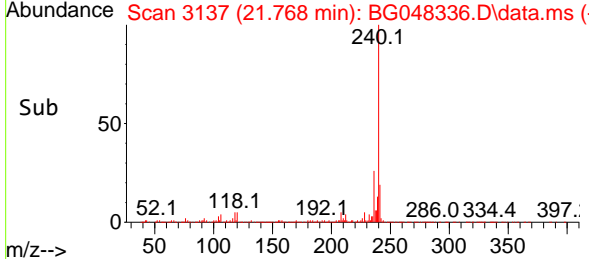
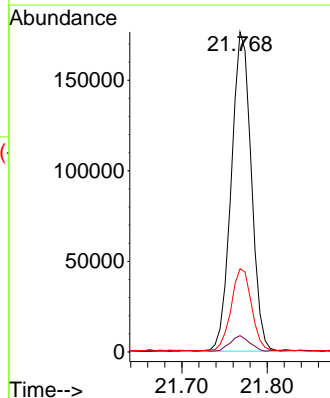
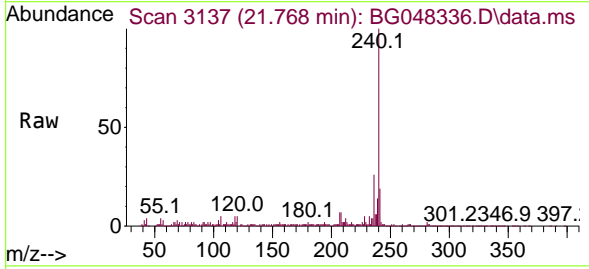
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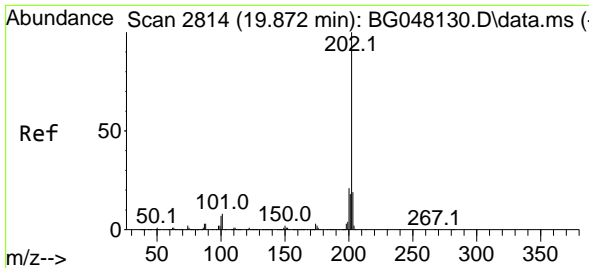
Tgt Ion	Resp	Lower	Upper
202	100		
101	6.3	0.0	29.7
203	17.7	0.0	39.2



#76
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.768 min Scan# 3137
 Delta R.T. -0.000 min
 Lab File: BG048336.D
 Acq: 4 Mar 2021 20:09

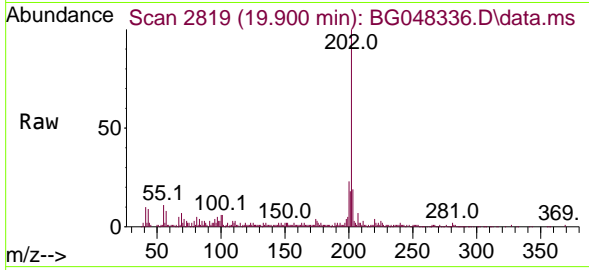
Tgt Ion	Resp	Lower	Upper
240	100		
120	5.1	6.2	9.4#
236	26.0	20.5	30.7



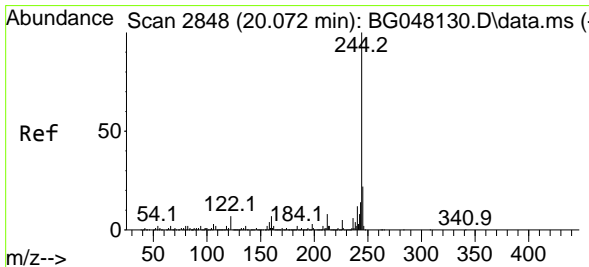
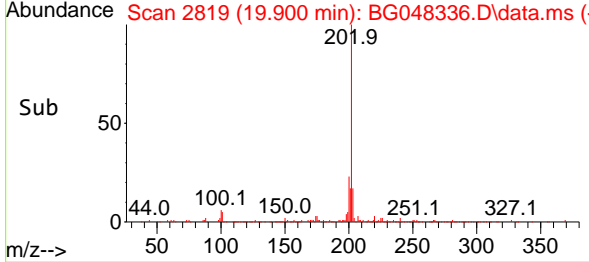
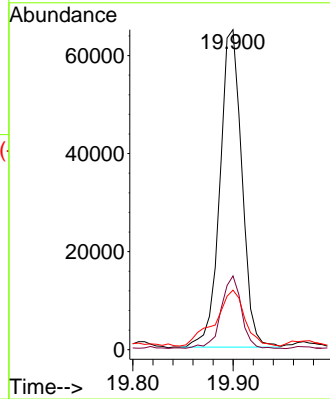


#78
 Pyrene
 Concen: 4.91 ng
 RT: 19.900 min Scan# 2819
 Delta R.T. 0.006 min
 Lab File: BG048336.D
 Acq: 4 Mar 2021 20:09

Instrument :
 BNA_G
 ClientSampled :
 SU-03-030221

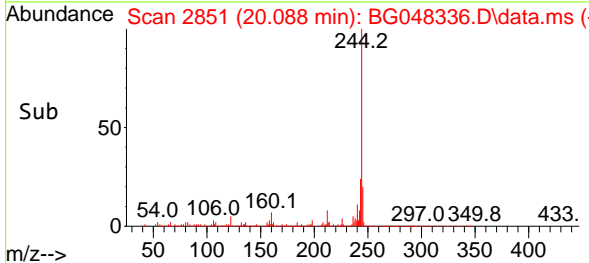
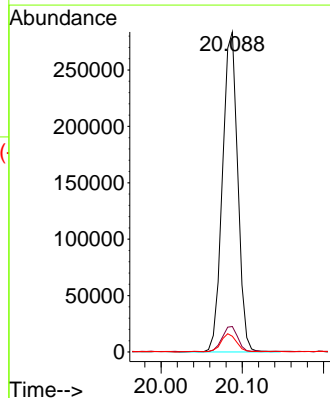
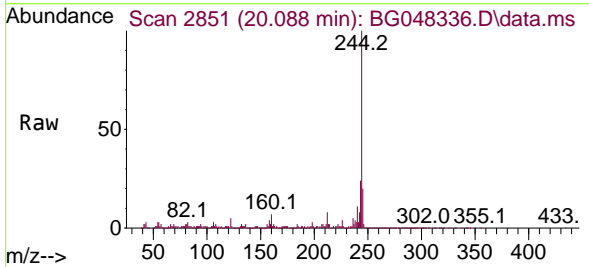


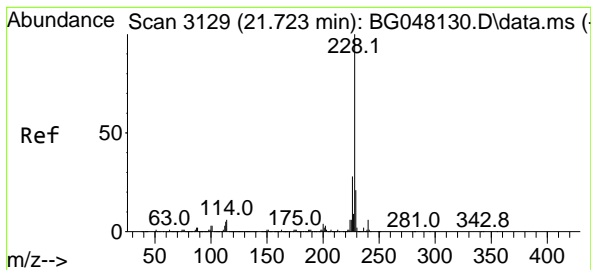
Tgt Ion:202 Resp: 98422
 Ion Ratio Lower Upper
 202 100
 200 23.0 18.6 27.8
 203 18.6 15.3 22.9



#79
 Terphenyl-d14
 Concen: 23.66 ng
 RT: 20.088 min Scan# 2851
 Delta R.T. 0.006 min
 Lab File: BG048336.D
 Acq: 4 Mar 2021 20:09

Tgt Ion:244 Resp: 371661
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.7 10.1
 122 4.9 7.8 11.6#

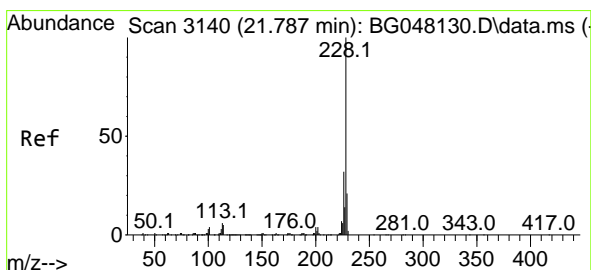
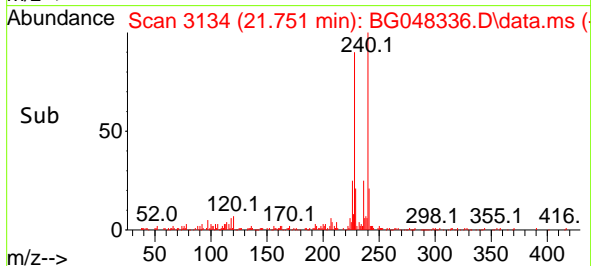
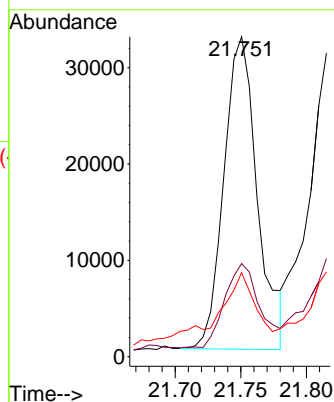
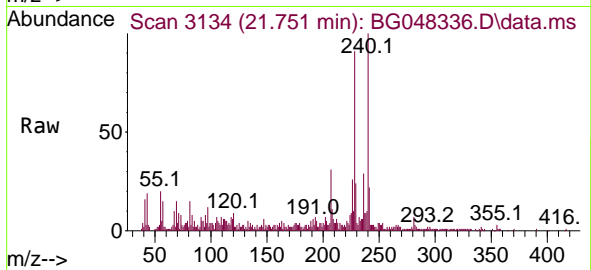




#81
 Benzo(a)anthracene
 Concen: 2.87 ng
 RT: 21.751 min Scan# 3134
 Delta R.T. -0.000 min
 Lab File: BG048336.D
 Acq: 4 Mar 2021 20:09

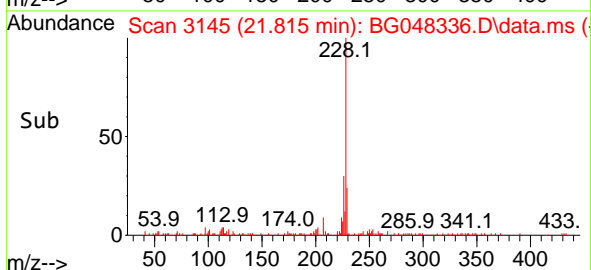
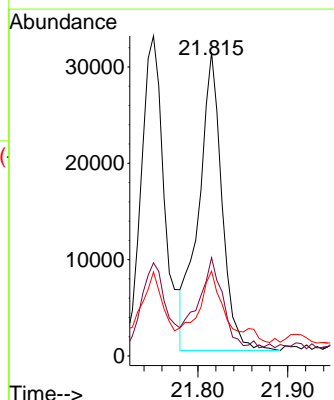
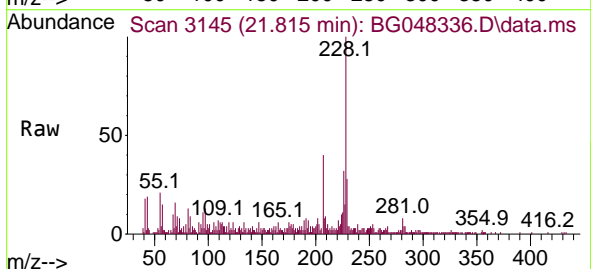
Instrument :
 BNA_G
 ClientSampled :
 SU-03-030221

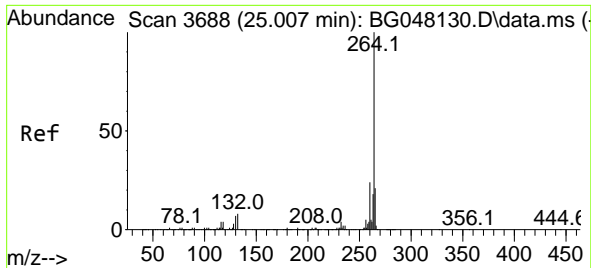
Tgt Ion:228 Resp: 57557
 Ion Ratio Lower Upper
 228 100
 226 29.1 23.3 34.9
 229 26.2 17.4 26.0#



#83
 Chrysene
 Concen: 2.93 ng
 RT: 21.815 min Scan# 3145
 Delta R.T. -0.000 min
 Lab File: BG048336.D
 Acq: 4 Mar 2021 20:09

Tgt Ion:228 Resp: 55985
 Ion Ratio Lower Upper
 228 100
 226 32.4 25.0 37.4
 229 27.9 17.3 25.9#

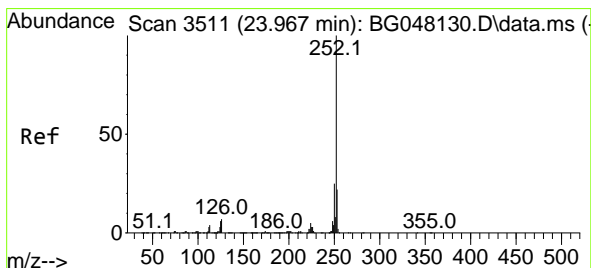
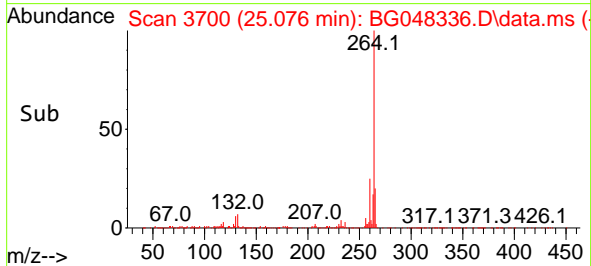
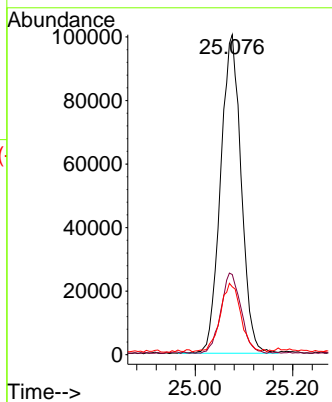
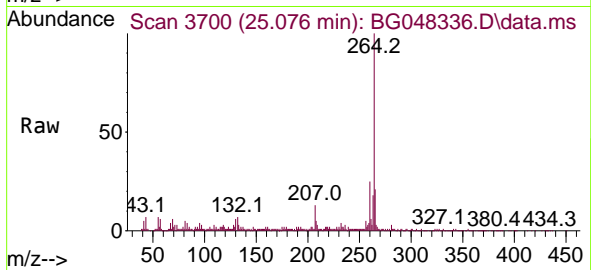




#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.076 min Scan# 3700
 Delta R.T. 0.011 min
 Lab File: BG048336.D
 Acq: 4 Mar 2021 20:09

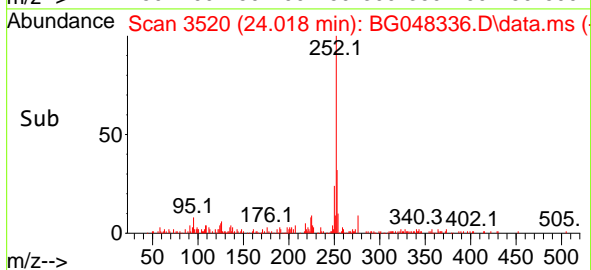
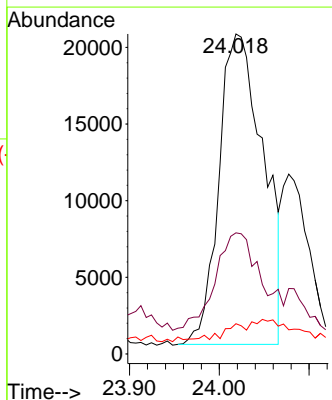
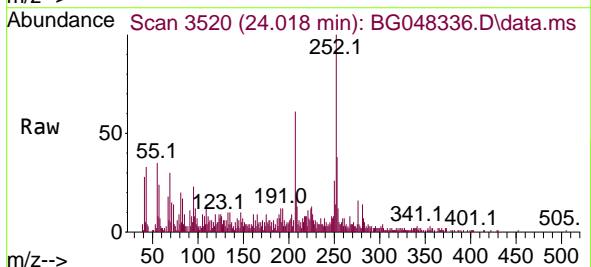
Instrument :
 BNA_G
 ClientSampled :
 SU-03-030221

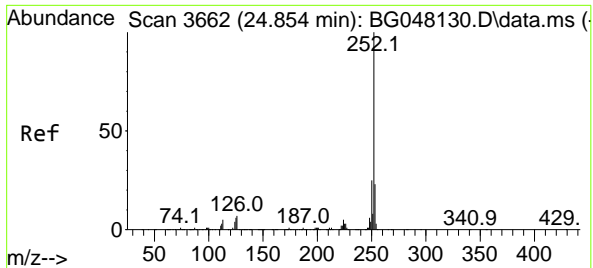
Tgt Ion	Resp	Lower	Upper
264	100		
260	25.1	18.8	28.2
265	21.2	17.8	26.8



#88
 Benzo(b)fluoranthene
 Concen: 3.42 ng
 RT: 24.018 min Scan# 3520
 Delta R.T. -0.000 min
 Lab File: BG048336.D
 Acq: 4 Mar 2021 20:09

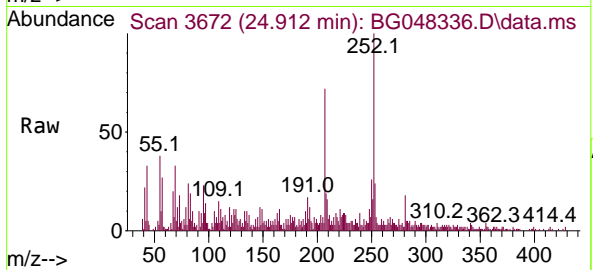
Tgt Ion	Resp	Lower	Upper
252	100		
253	37.9	18.7	28.1#
125	9.4	6.5	9.7





#90
 Benzo(a)pyrene
 Concen: 2.78 ng
 RT: 24.912 min Scan# 3672
 Delta R.T. -0.000 min
 Lab File: BG048336.D
 Acq: 4 Mar 2021 20:09

Instrument :
 BNA_G
ClientSampled :
 SU-03-030221



Tgt Ion:252 Resp: 52236

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.9	26.9
125	10.5	7.0	10.4#

