

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081420\
 Data File : BG046288.D
 Acq On : 14 Aug 2020 23:24
 Operator : CG/JU
 Sample : L3660-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RBR-57

Quant Time: Aug 17 00:48:41 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 30 18:43:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	107004	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	438884	20.00	ng	0.00
39) Acenaphthene-d10	14.57	164	267706	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	507233	20.00	ng	0.00
76) Chrysene-d12	21.57	240	534533	20.00	ng	0.00
86) Perylene-d12	24.68	264	592691	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.54	112	500146	81.25	ng	0.00
7) Phenol-d6	7.12	99	656634	78.27	ng	0.00
23) Nitrobenzene-d5	9.10	82	447357	55.19	ng	0.00
42) 2,4,6-Tribromophenol	16.07	330	328601	79.91	ng	0.00
45) 2-Fluorobiphenyl	13.20	172	1126983	61.15	ng	0.00
79) Terphenyl-d14	19.94	244	1321079	50.33	ng	0.00

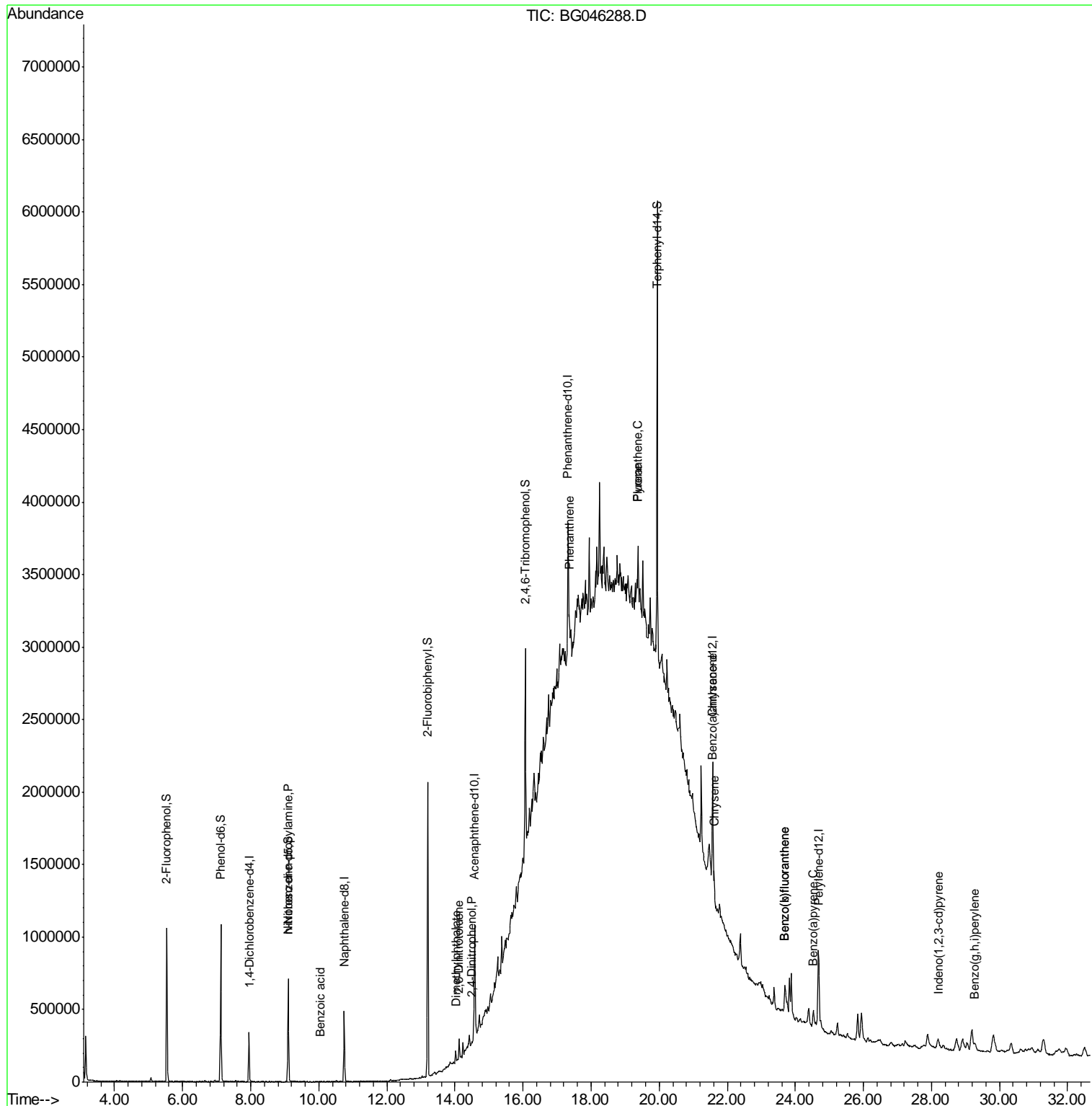
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	9.10	70	56952	10.431	ng	# 73
32) Benzoic acid	10.05	122	68	9.422	ng	# 1
50) Dimethylphthalate	14.03	163	58262	2.836	ng	100
51) 2,6-Dinitrotoluene	14.12	165	23616	4.939	ng	# 30
54) 2,4-Dinitrophenol	14.50	184	68	7.087	ng	# 1
71) Phenanthrene	17.37	178	85542	3.079	ng	# 63
75) Fluoranthene	19.38	202	250529	7.222	ng	95
78) Pyrene	19.38	202	250529	6.976	ng	95
81) Benzo(a)anthracene	21.55	228	109847	3.071	ng	95
83) Chrysene	21.62	228	156081	4.454	ng	96
87) Indeno(1,2,3-cd)pyrene	28.19	276	111208	2.460	ng	# 96
88) Benzo(b)fluoranthene	23.70	252	231970	5.841	ng	# 96
89) Benzo(k)fluoranthene	23.70	252	231970	5.955	ng	# 96
90) Benzo(a)pyrene	24.53	252	130580	3.533	ng	# 96
92) Benzo(a,h,i)perylene	29.28	276	108814	2.851	ng	98

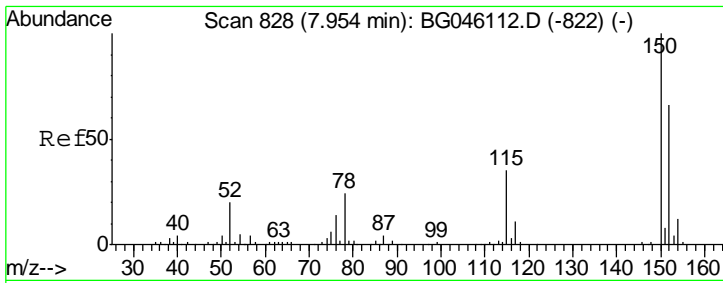
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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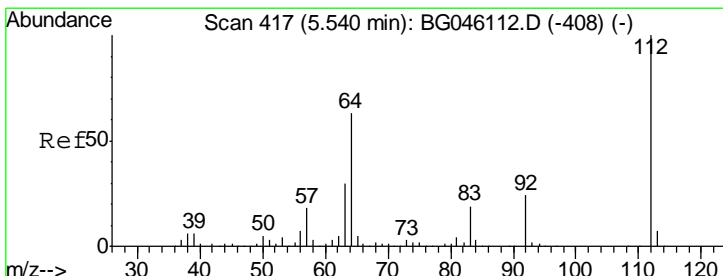
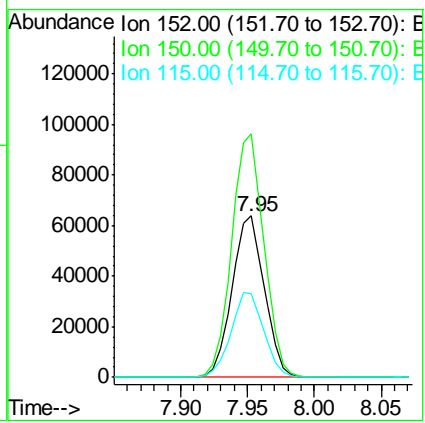
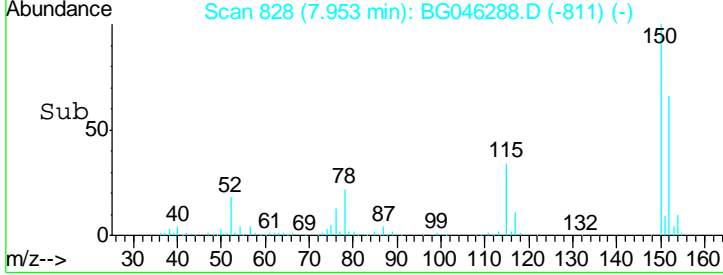
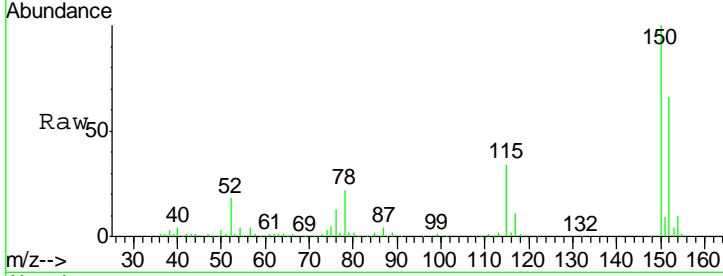


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.95 min Scan# 828
 Delta R.T. -0.00 min
 Lab File: BG046288.D
 Acq: 14 Aug 2020 23:24

Instrument :
 BNA_G
ClientSampled :
 RBR-57

Tgt Ion:152 Resp: 107004

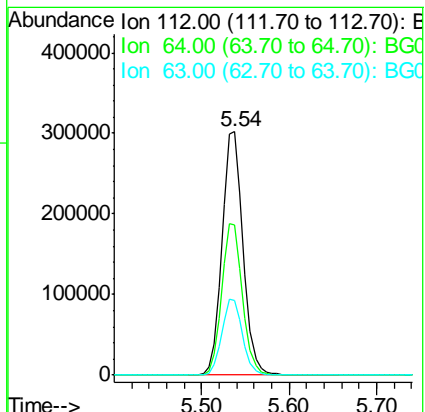
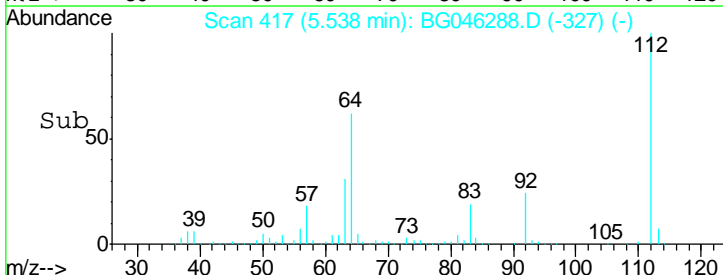
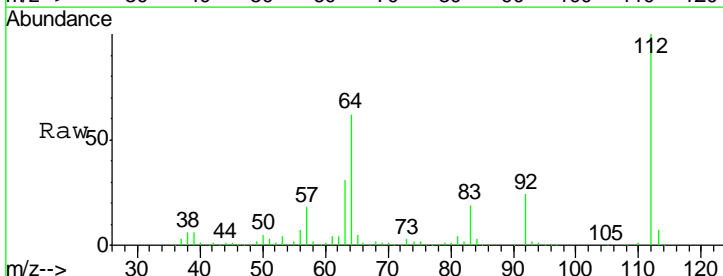
Ion	Ratio	Lower	Upper
152	100		
150	151.1	122.1	183.1
115	51.8	43.2	64.8

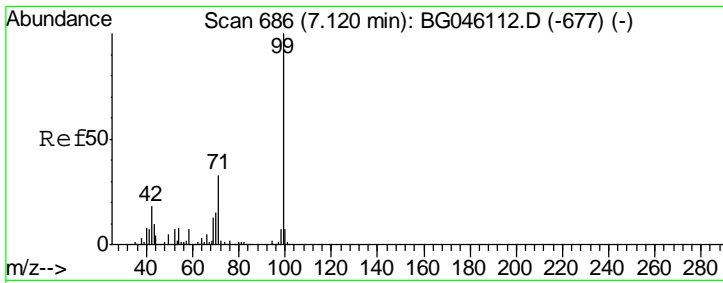


#5
 2-Fluorophenol
 Concen: 81.253 ng
 RT: 5.54 min Scan# 417
 Delta R.T. -0.00 min
 Lab File: BG046288.D
 Acq: 14 Aug 2020 23:24

Tgt Ion:112 Resp: 500146

Ion	Ratio	Lower	Upper
112	100		
64	61.5	50.2	75.2
63	30.5	24.2	36.4

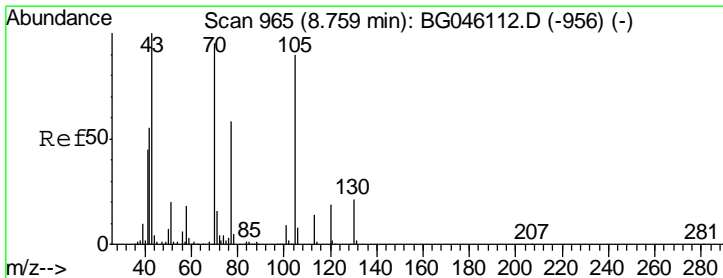
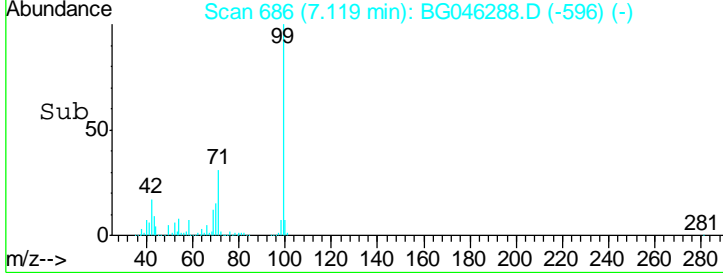
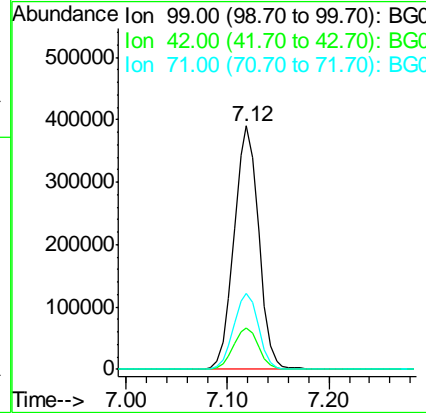
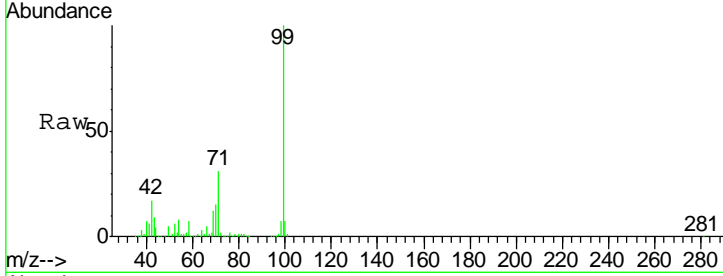




#7
 Phenol-d6
 Concen: 78.273 ng
 RT: 7.12 min Scan# 686
 Delta R.T. -0.00 min
 Lab File: BG046288.D
 Acq: 14 Aug 2020 23:24

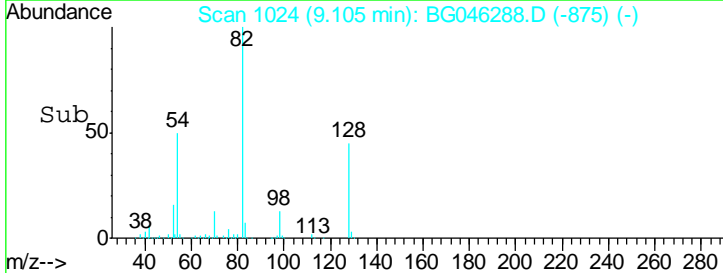
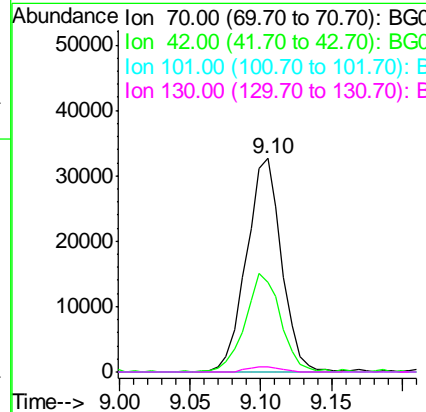
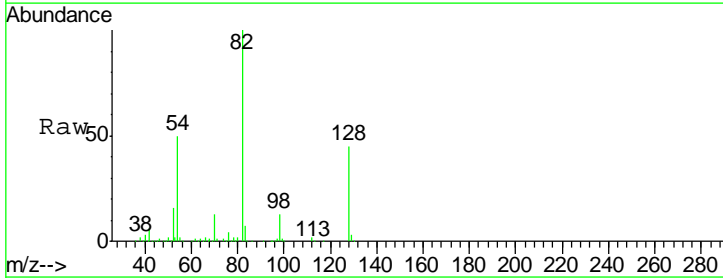
Instrument :
 BNA_G
 ClientSampled :
 RBR-57

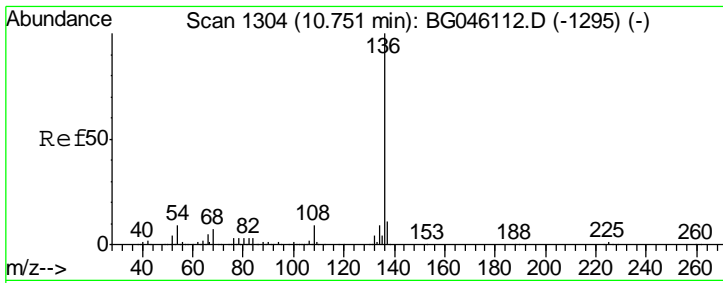
Tgt Ion	Resp	Lower	Upper
99	100		
42	17.1	14.7	22.1
71	31.4	26.5	39.7



#19
 n-Nitroso-di-n-propylamine
 Concen: 10.431 ng
 RT: 9.10 min Scan# 1024
 Delta R.T. 0.35 min
 Lab File: BG046288.D
 Acq: 14 Aug 2020 23:24

Tgt Ion	Resp	Lower	Upper
70	100		
42	41.9	46.5	69.7#
101	0.0	7.6	11.4#
130	2.5	17.3	25.9#

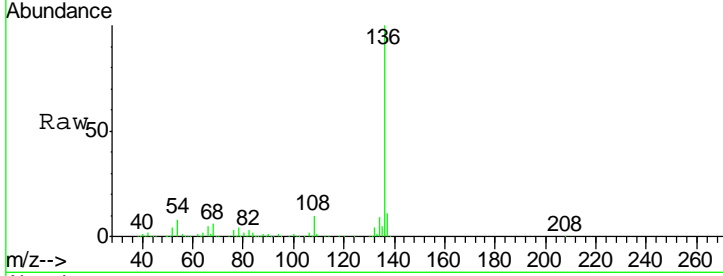




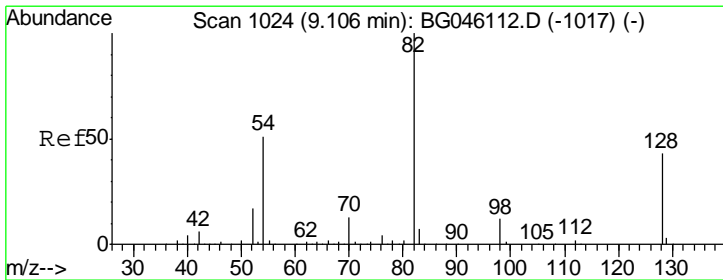
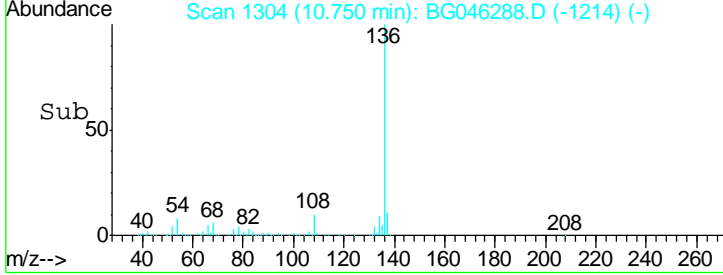
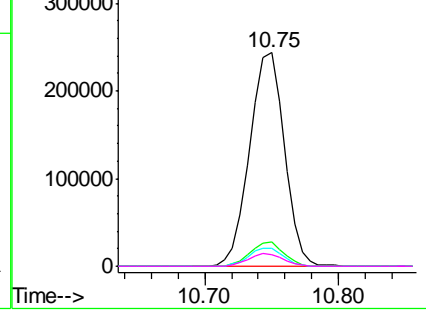
#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.75 min Scan# 1304
 Delta R.T. -0.00 min
 Lab File: BG046288.D
 Acq: 14 Aug 2020 23:24

Instrument :
 BNA_G
 ClientSampled :
 RBR-57

Tgt Ion	Resp	Lower	Upper
136	438884		
137	11.2	8.8	13.2
54	8.1	7.0	10.4
68	5.6	5.3	7.9

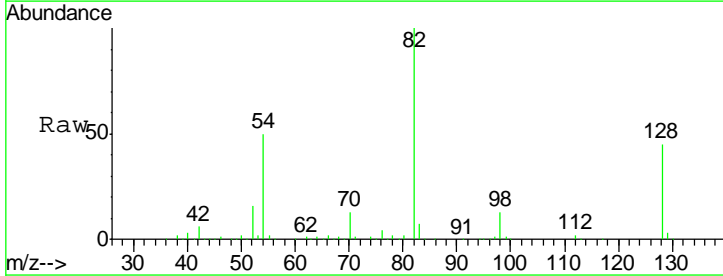


Abundance Ion 136.00 (135.70 to 136.70): BGC
 Ion 137.00 (136.70 to 137.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC
 Ion 68.00 (67.70 to 68.70): BGC

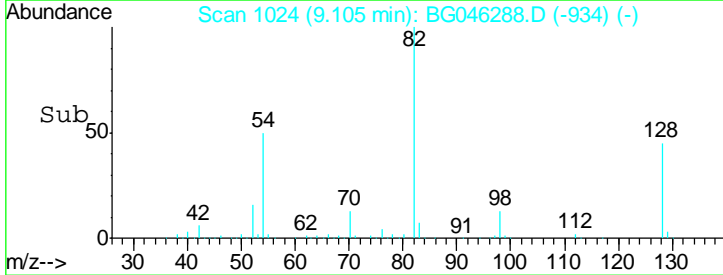
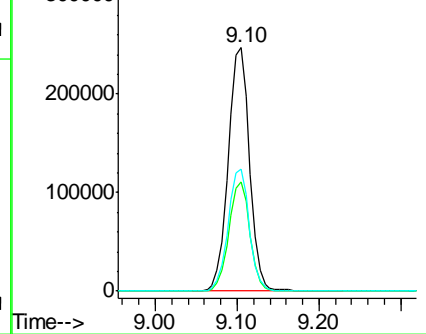


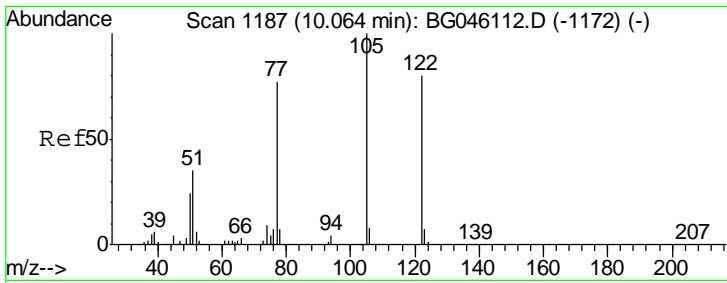
#23
 Nitrobenzene-d5
 Concen: 55.188 ng
 RT: 9.10 min Scan# 1024
 Delta R.T. -0.00 min
 Lab File: BG046288.D
 Acq: 14 Aug 2020 23:24

Tgt Ion	Resp	Lower	Upper
82	447357		
128	45.1	34.4	51.6
54	49.9	40.8	61.2



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

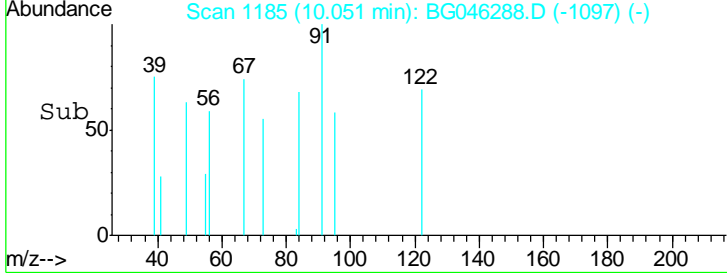
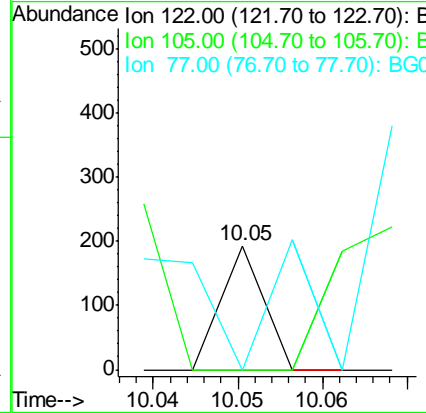
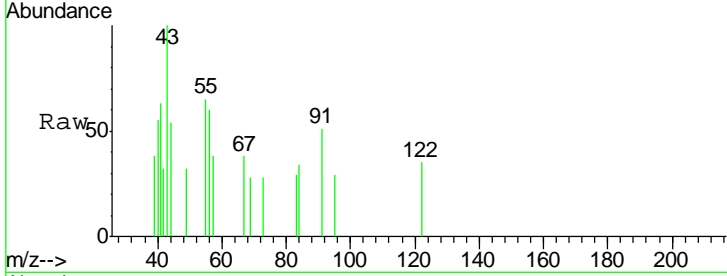




#32
 Benzoic acid
 Concen: 9.422 ng
 RT: 10.05 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BG046288.D
 Acq: 14 Aug 2020 23:24

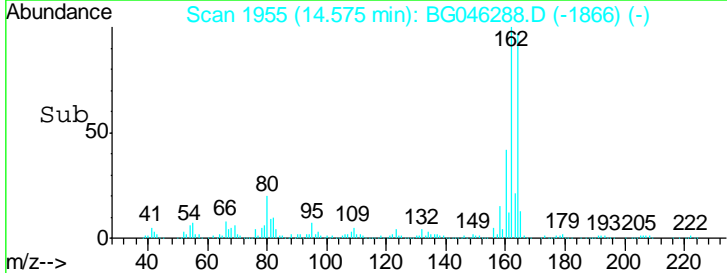
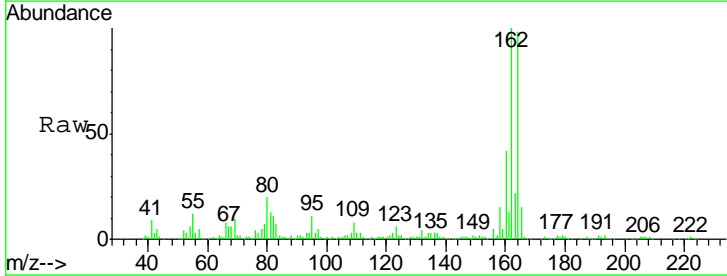
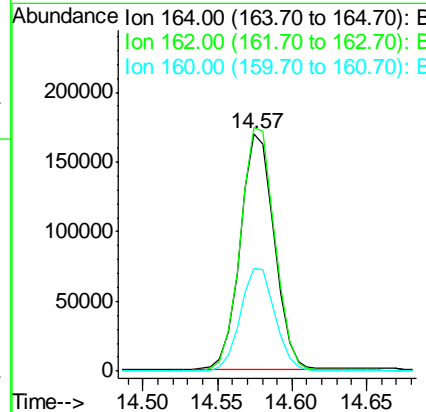
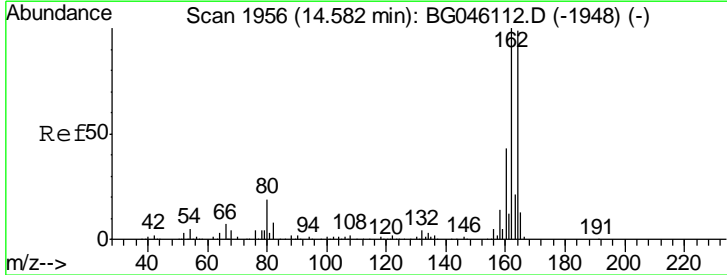
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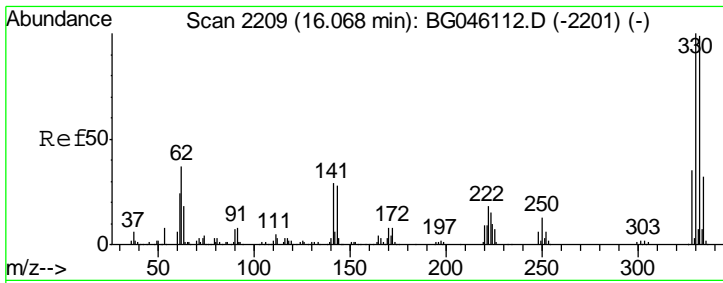
Tgt Ion	Resp	Lower	Upper
122	100		
105	0.0	103.0	143.0#
77	0.0	75.2	115.2#



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.57 min Scan# 1955
 Delta R.T. -0.01 min
 Lab File: BG046288.D
 Acq: 14 Aug 2020 23:24

Tgt Ion	Resp	Lower	Upper
164	100		
162	102.5	80.6	121.0
160	43.4	34.9	52.3

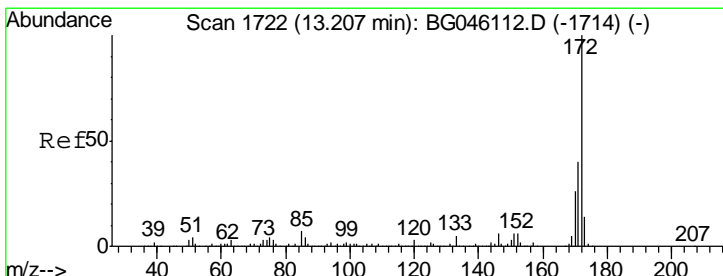
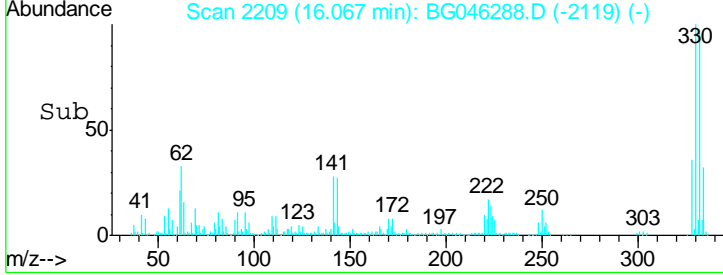
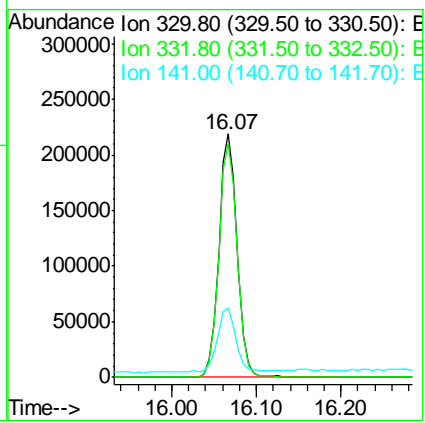
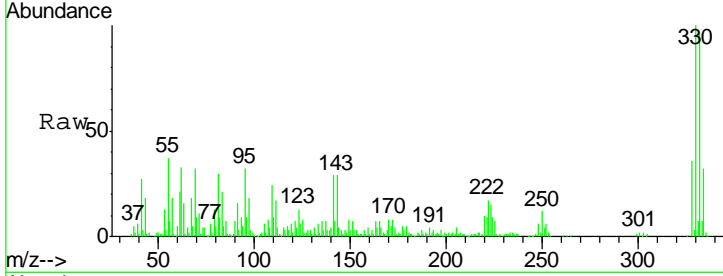




#42
 2,4,6-Tribromophenol
 Concen: 79.914 ng
 RT: 16.07 min Scan# 2209
 Delta R.T. -0.00 min
 Lab File: BG046288.D
 Acq: 14 Aug 2020 23:24

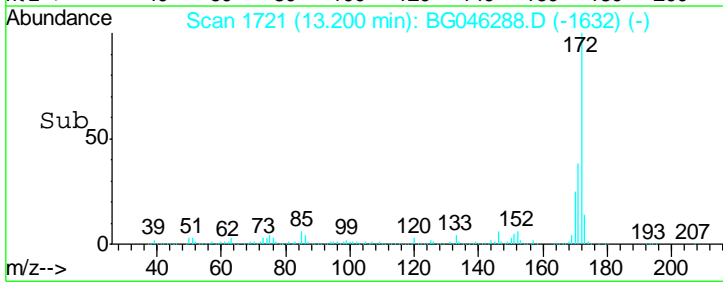
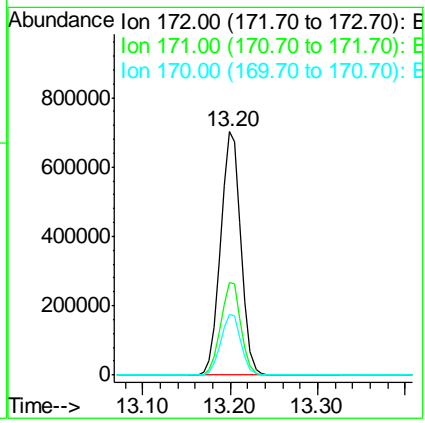
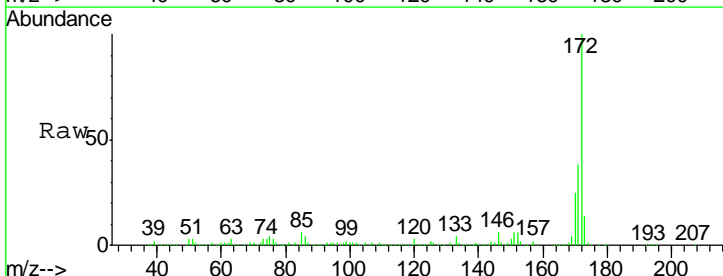
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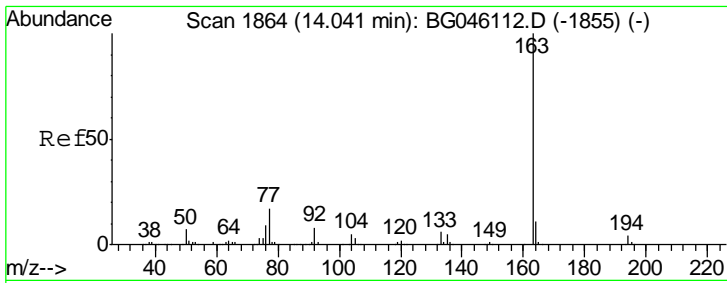
Tgt Ion	Resp	Lower	Upper
330	100		
332	97.1	77.4	116.2
141	29.5	23.4	35.0



#45
 2-Fluorobiphenyl
 Concen: 61.153 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.01 min
 Lab File: BG046288.D
 Acq: 14 Aug 2020 23:24

Tgt Ion	Resp	Lower	Upper
172	100		
171	38.3	31.7	47.5
170	25.0	20.9	31.3



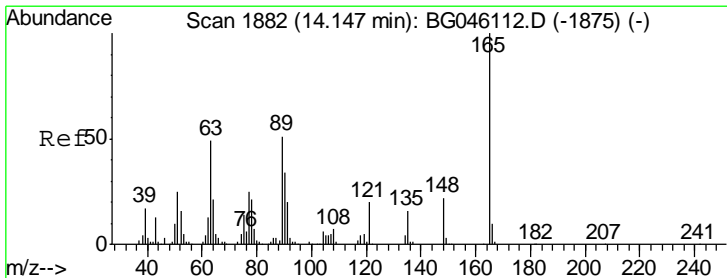
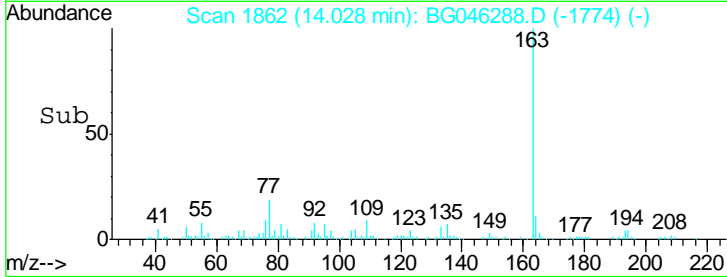
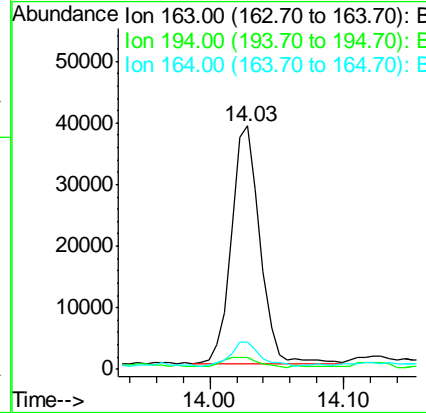
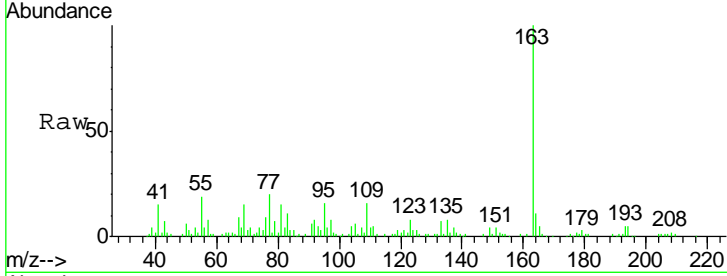


#50
 Dimethylphthalate
 Concen: 2.836 ng
 RT: 14.03 min Scan# 1862
 Delta R.T. -0.01 min
 Lab File: BG046288.D
 Acq: 14 Aug 2020 23:24

Instrument :
 BNA_G
 ClientSampled :
 RBR-57

Tgt Ion:163 Resp: 58262

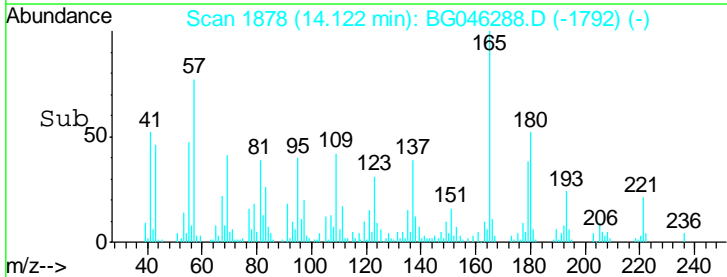
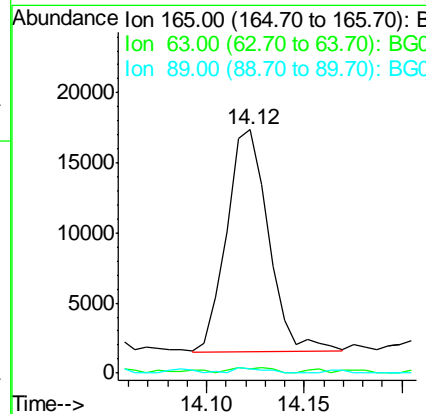
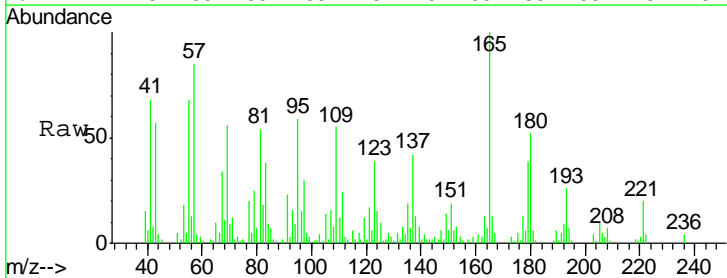
Ion	Ratio	Lower	Upper
163	100		
194	4.9	3.5	5.3
164	11.0	8.8	13.2

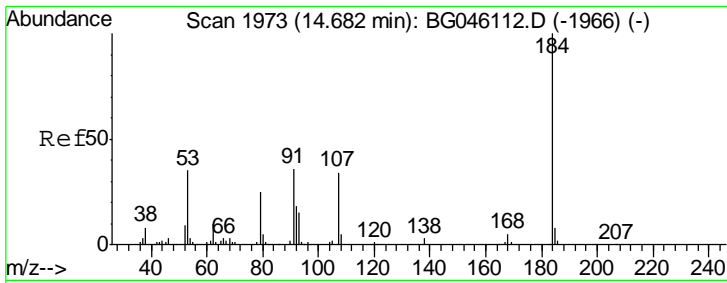


#51
 2,6-Dinitrotoluene
 Concen: 4.939 ng
 RT: 14.12 min Scan# 1878
 Delta R.T. -0.02 min
 Lab File: BG046288.D
 Acq: 14 Aug 2020 23:24

Tgt Ion:165 Resp: 23616

Ion	Ratio	Lower	Upper
165	100		
63	1.6	39.7	59.5#
89	2.0	41.0	61.6#

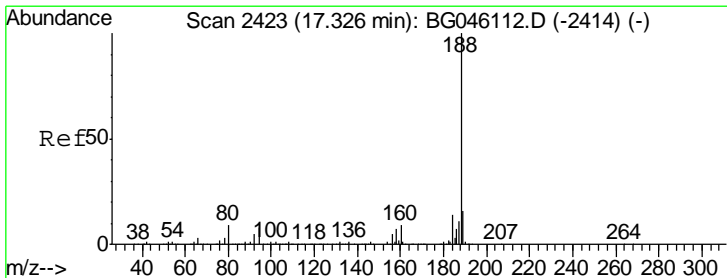
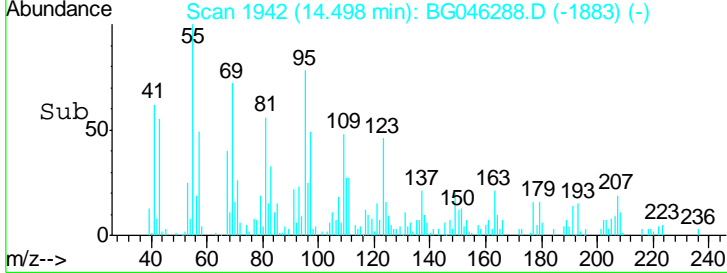
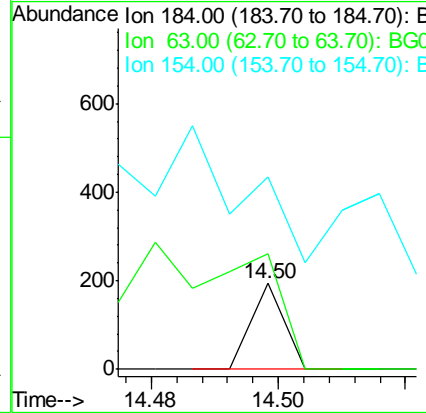
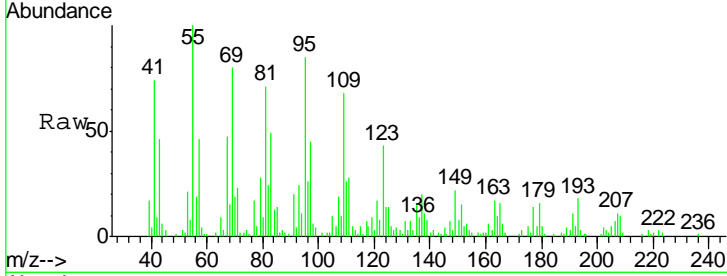




#54
 2,4-Dinitrophenol
 Concen: 7.087 ng
 RT: 14.50 min Scan# 1942
 Delta R.T. -0.18 min
 Lab File: BG046288.D
 Acq: 14 Aug 2020 23:24

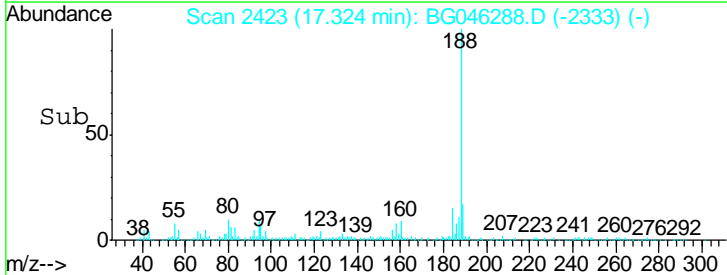
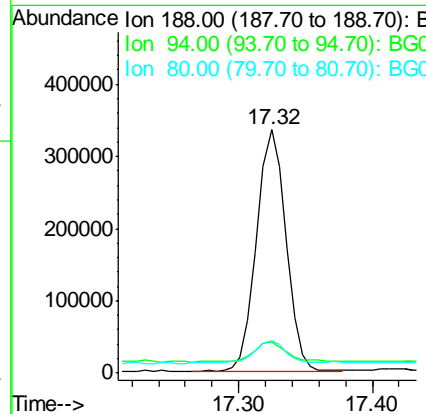
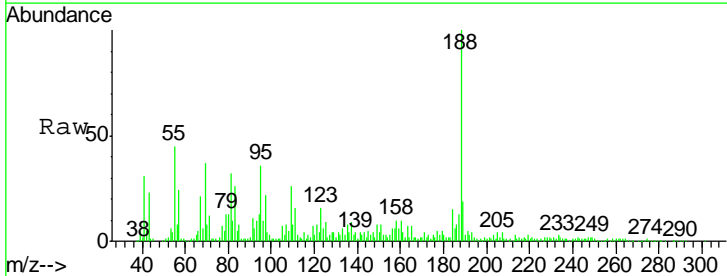
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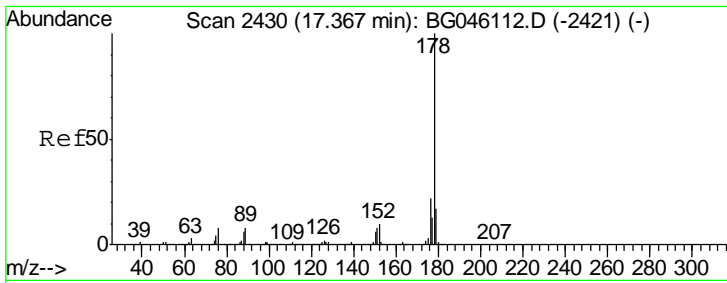
Tgt Ion	Resp	Lower	Upper
184	100		
63	134.7	36.7	55.1#
154	224.9	41.3	61.9#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.32 min Scan# 2423
 Delta R.T. -0.00 min
 Lab File: BG046288.D
 Acq: 14 Aug 2020 23:24

Tgt Ion	Resp	Lower	Upper
188	100		
94	12.6	6.4	9.6#
80	13.2	7.4	11.0#

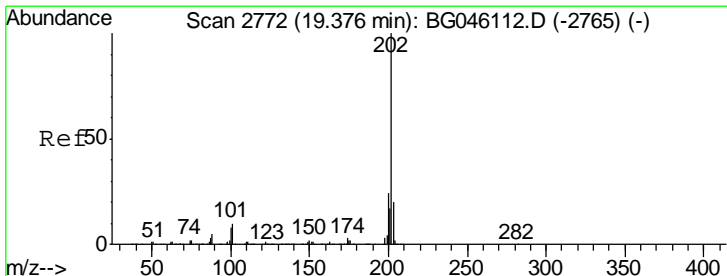
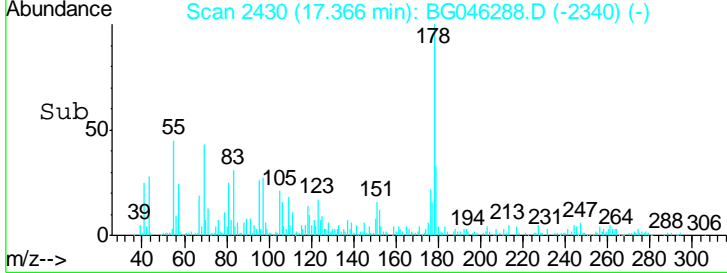
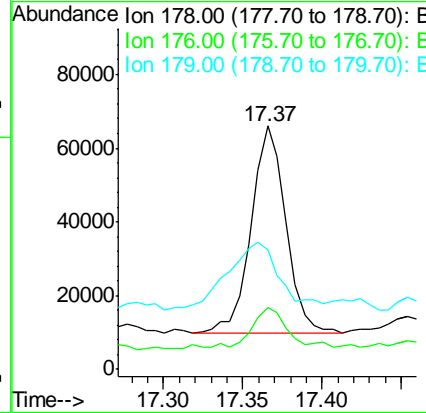
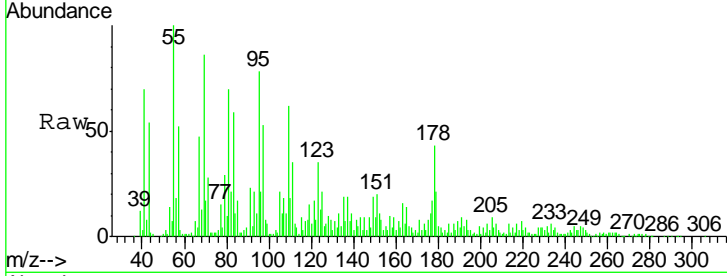




#71
 Phenanthrene
 Concen: 3.079 ng
 RT: 17.37 min Scan# 2430
 Delta R.T. -0.00 min
 Lab File: BG046288.D
 Acq: 14 Aug 2020 23:24

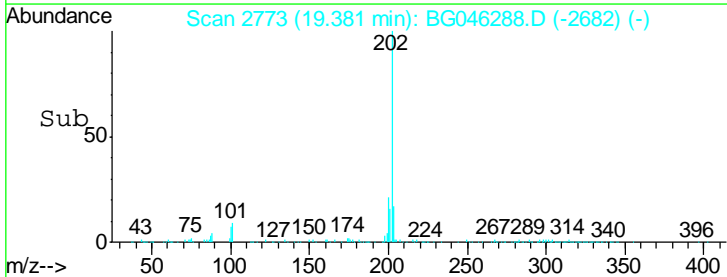
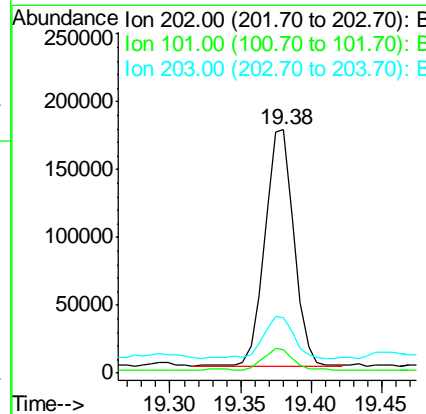
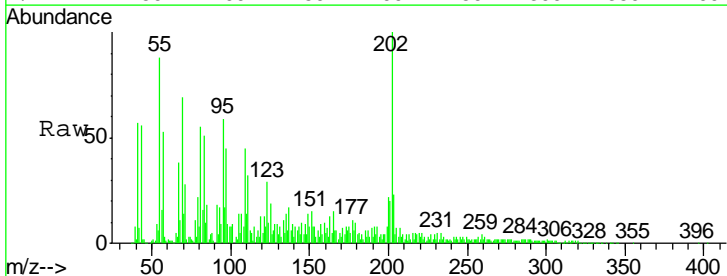
Instrument :
 BNA_G
ClientSampled :
 RBR-57

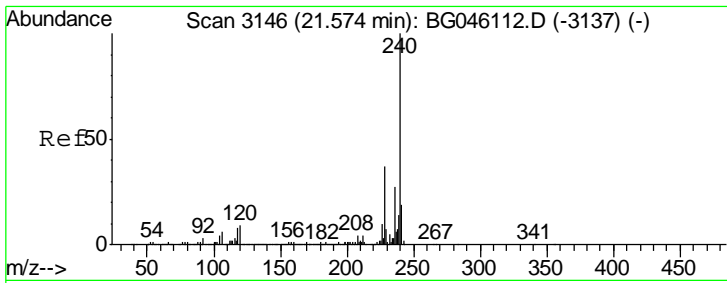
Tgt Ion	Resp	Lower	Upper
178	100		
176	25.4	17.3	25.9
179	48.9	13.8	20.6#



#75
 Fluoranthene
 Concen: 7.222 ng
 RT: 19.38 min Scan# 2773
 Delta R.T. 0.00 min
 Lab File: BG046288.D
 Acq: 14 Aug 2020 23:24

Tgt Ion	Resp	Lower	Upper
202	100		
101	9.5	0.0	30.0
203	23.0	0.2	40.2

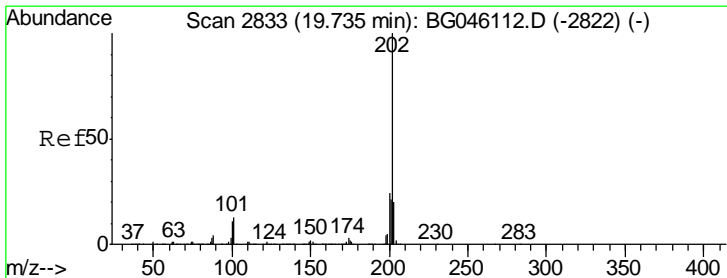
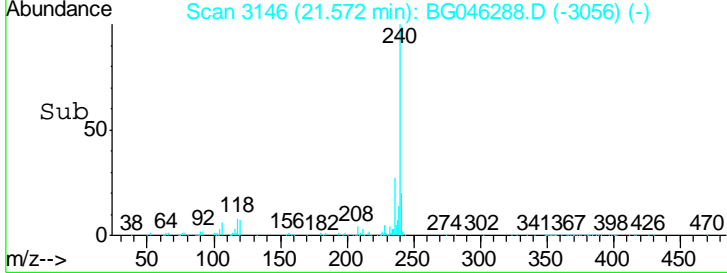
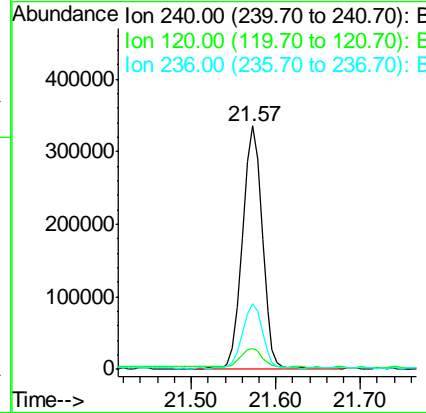
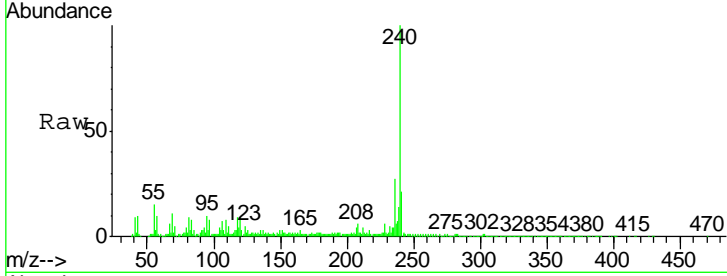




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.57 min Scan# 3146
 Delta R.T. -0.00 min
 Lab File: BG046288.D
 Acq: 14 Aug 2020 23:24

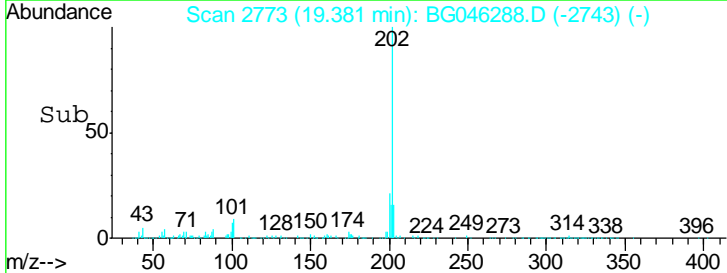
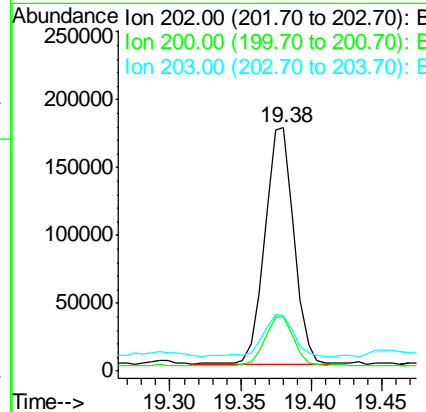
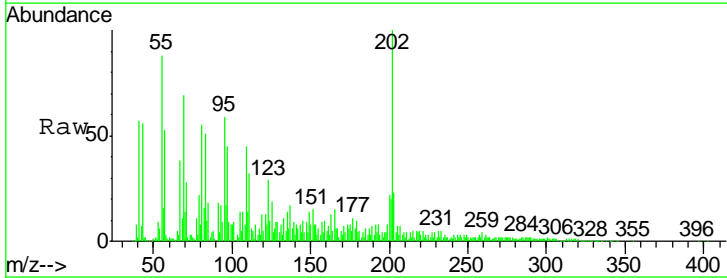
Instrument :
 BNA_G
 ClientSampled :
 RBR-57

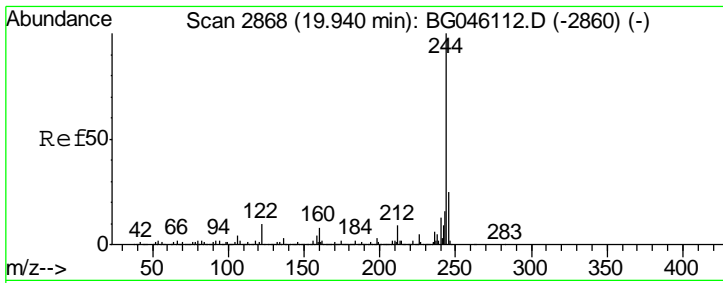
Tgt Ion	Resp	Lower	Upper
240	534533		
120	8.8	7.1	10.7
236	27.1	21.7	32.5



#78
 Pyrene
 Concen: 6.976 ng
 RT: 19.38 min Scan# 2773
 Delta R.T. -0.35 min
 Lab File: BG046288.D
 Acq: 14 Aug 2020 23:24

Tgt Ion	Resp	Lower	Upper
202	250529		
200	22.5	19.5	29.3
203	23.0	16.2	24.2

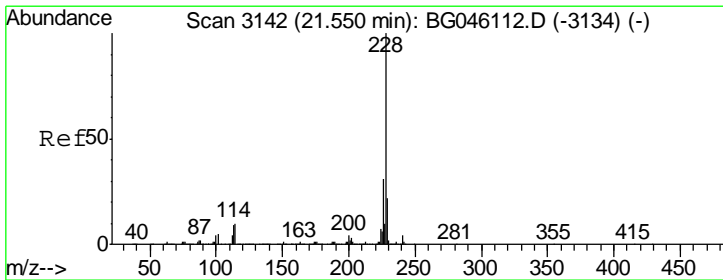
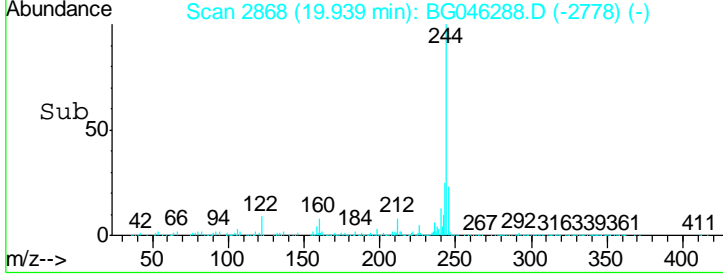
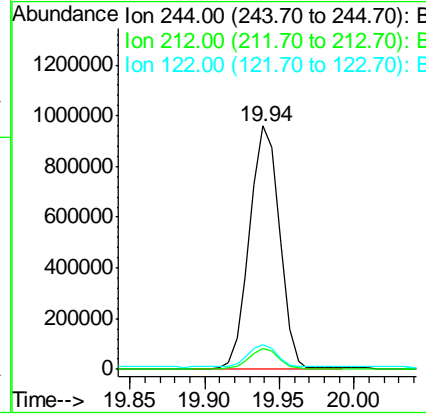
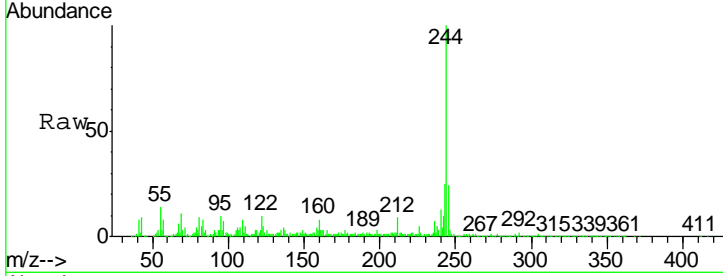




#79
 Terphenyl-d14
 Concen: 50.335 ng
 RT: 19.94 min Scan# 2868
 Delta R.T. -0.00 min
 Lab File: BG046288.D
 Acq: 14 Aug 2020 23:24

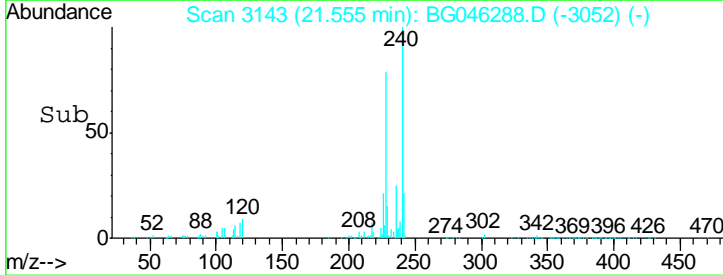
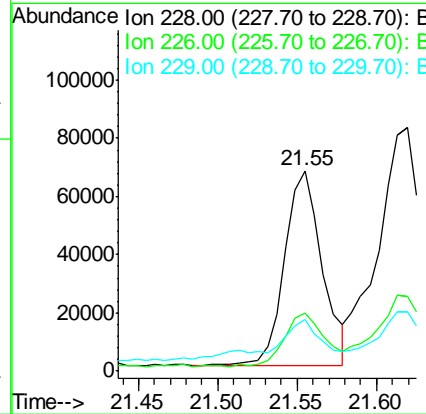
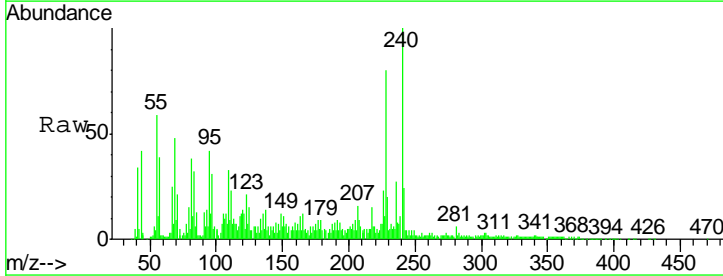
Instrument :
 BNA_G
 ClientSampled :
 RBR-57

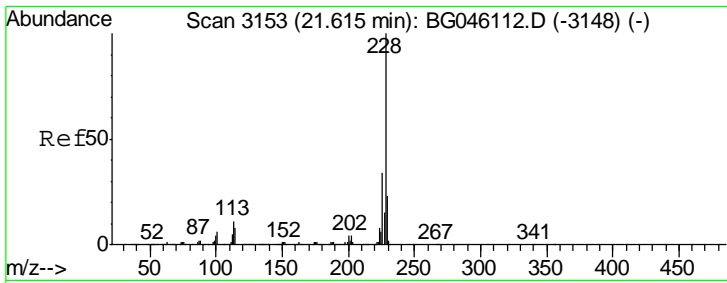
Tgt Ion	Resp	Lower	Upper
244	1321079		
212	8.6	7.2	10.8
122	10.3	8.3	12.5



#81
 Benzo(a)anthracene
 Concen: 3.071 ng
 RT: 21.55 min Scan# 3143
 Delta R.T. 0.00 min
 Lab File: BG046288.D
 Acq: 14 Aug 2020 23:24

Tgt Ion	Resp	Lower	Upper
228	109847		
226	29.2	24.7	37.1
229	25.5	17.8	26.8

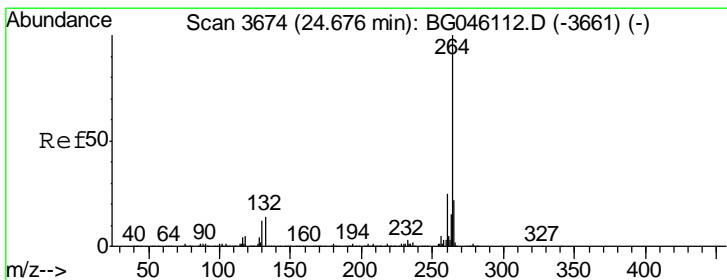
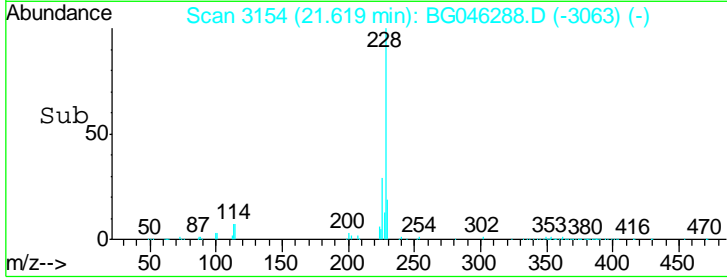
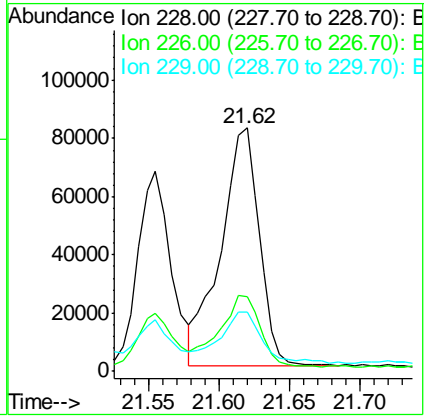
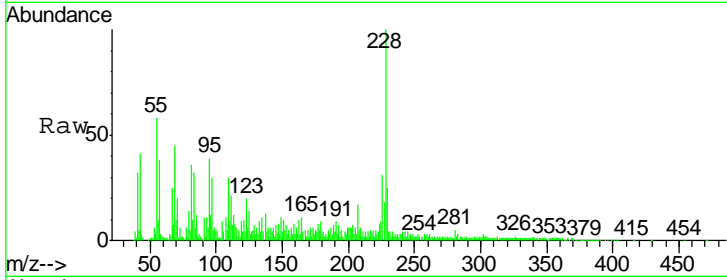




#83
 Chrysene
 Concen: 4.454 ng
 RT: 21.62 min Scan# 3154
 Delta R.T. 0.00 min
 Lab File: BG046288.D
 Acq: 14 Aug 2020 23:24

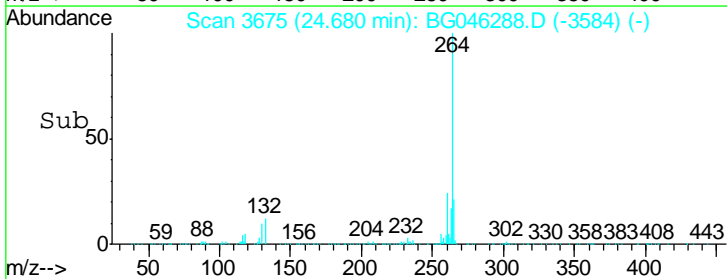
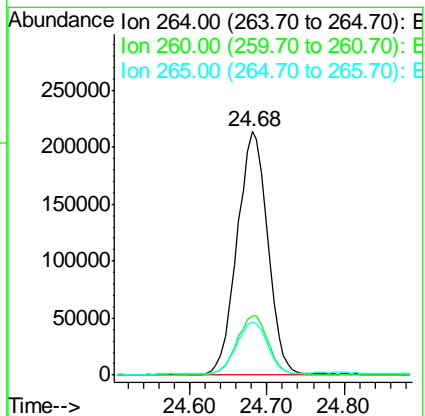
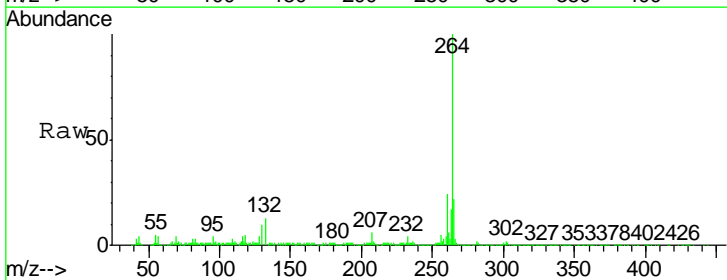
Instrument :
 BNA_G
ClientSampled :
 RBR-57

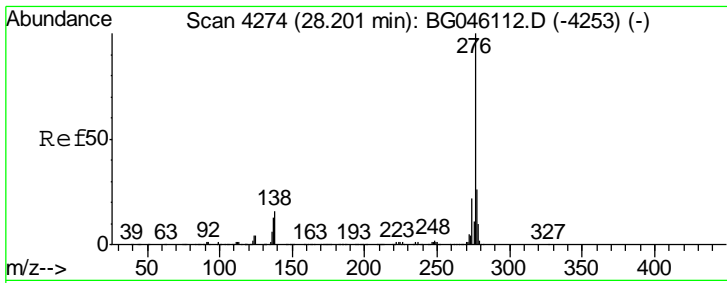
Tgt Ion	Resp	Lower	Upper
228	156081		
226	30.9	26.9	40.3
229	24.6	18.2	27.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.68 min Scan# 3675
 Delta R.T. 0.00 min
 Lab File: BG046288.D
 Acq: 14 Aug 2020 23:24

Tgt Ion	Resp	Lower	Upper
264	592691		
260	24.4	19.7	29.5
265	21.8	17.6	26.4

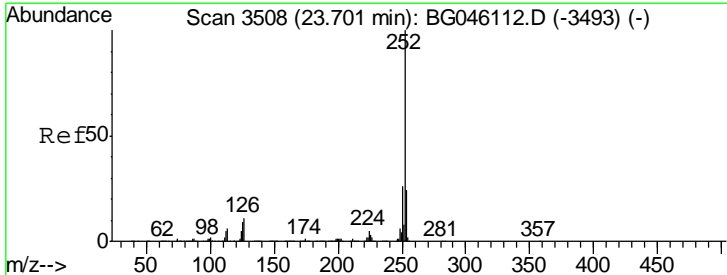
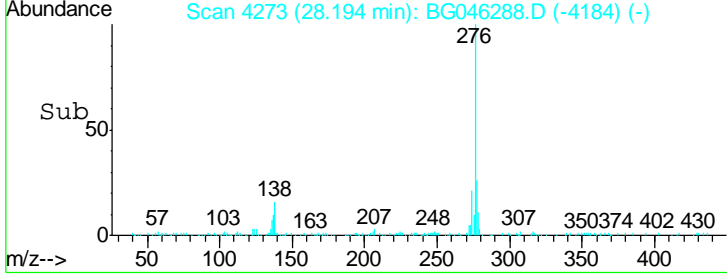
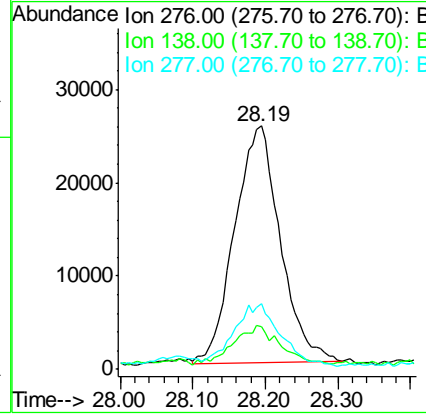
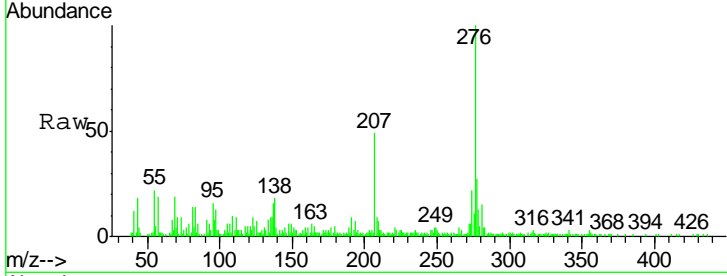




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 2.460 ng
 RT: 28.19 min Scan# 4273
 Delta R.T. -0.01 min
 Lab File: BG046288.D
 Acq: 14 Aug 2020 23:24

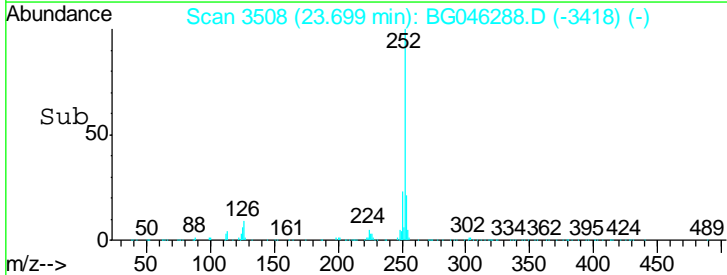
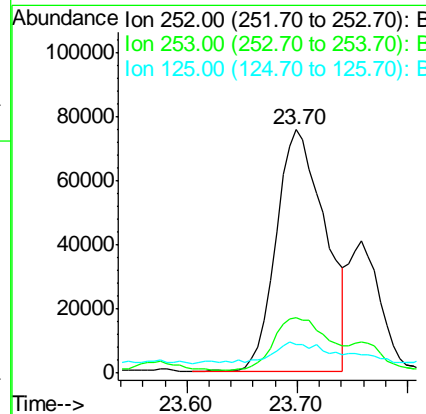
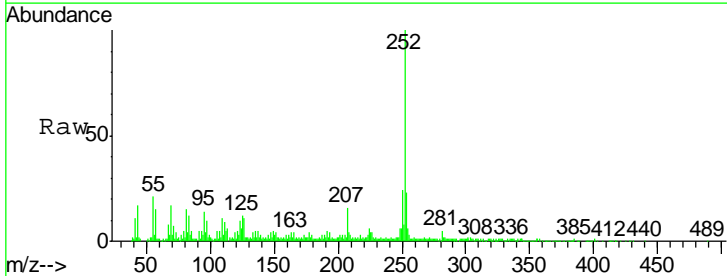
Instrument :
 BNA_G
 ClientSampled :
 RBR-57

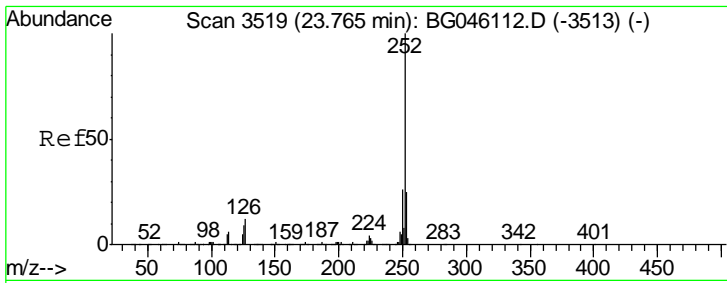
Tgt Ion	Resp	Lower	Upper
276	111208		
138	17.7	11.6	17.4#
277	27.0	20.8	31.2



#88
 Benzo(b)fluoranthene
 Concen: 5.841 ng
 RT: 23.70 min Scan# 3508
 Delta R.T. -0.00 min
 Lab File: BG046288.D
 Acq: 14 Aug 2020 23:24

Tgt Ion	Resp	Lower	Upper
252	231970		
253	22.7	19.2	28.8
125	11.7	7.2	10.8#

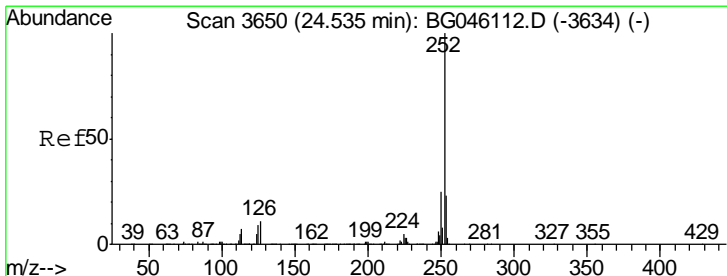
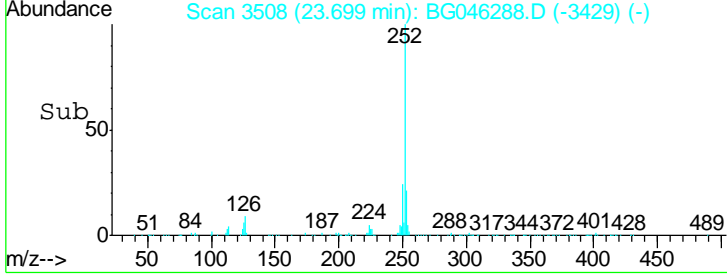
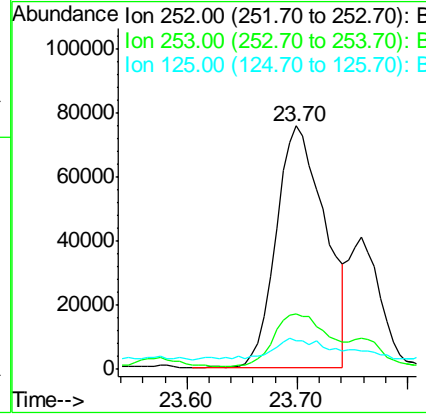
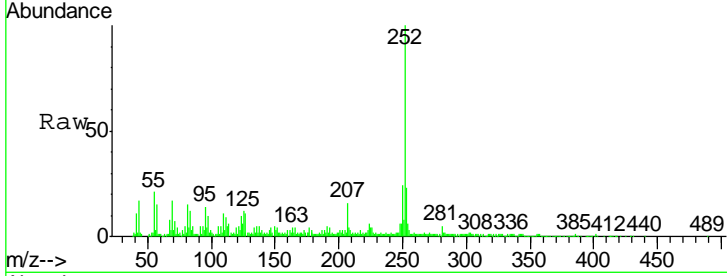




#89
 Benzo(k)fluoranthene
 Concen: 5.955 ng
 RT: 23.70 min Scan# 3508
 Delta R.T. -0.07 min
 Lab File: BG046288.D
 Acq: 14 Aug 2020 23:24

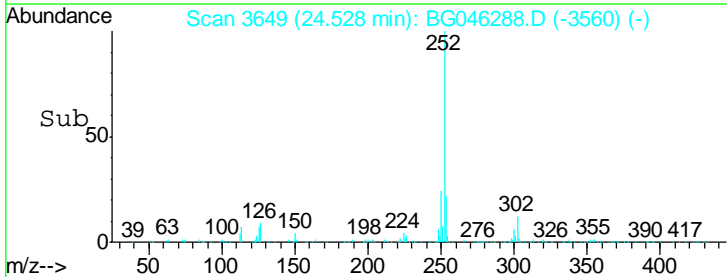
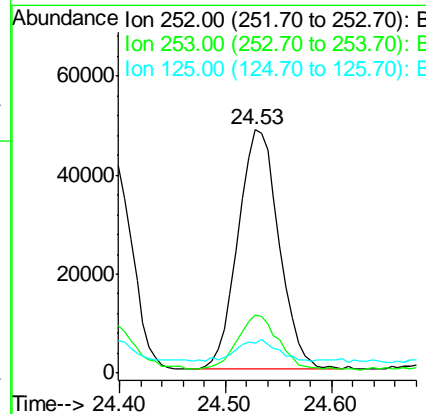
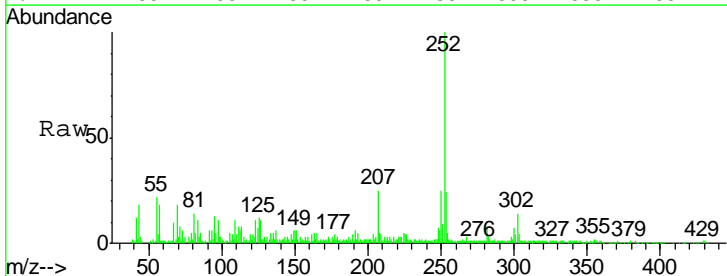
Instrument :
 BNA_G
 ClientSampled :
 RBR-57

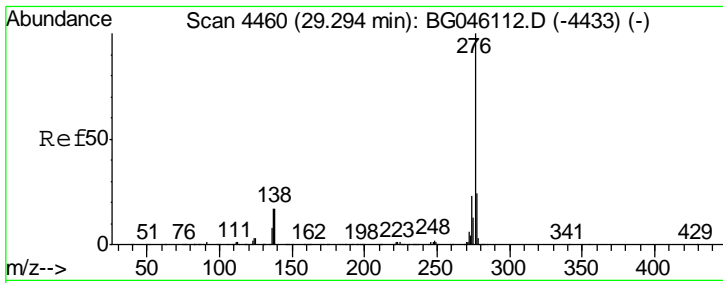
Tgt Ion	Resp	Lower	Upper
252	100		
253	22.7	19.5	29.3
125	11.7	7.3	10.9#



#90
 Benzo(a)pyrene
 Concen: 3.533 ng
 RT: 24.53 min Scan# 3649
 Delta R.T. -0.01 min
 Lab File: BG046288.D
 Acq: 14 Aug 2020 23:24

Tgt Ion	Resp	Lower	Upper
252	100		
253	23.9	18.6	27.8
125	12.4	7.1	10.7#





#92
 Benzo(a,h,i)perylene
 Concen: 2.851 ng
 RT: 29.28 min Scan# 4457
 Delta R.T. -0.02 min
 Lab File: BG046288.D
 Acq: 14 Aug 2020 23:24

Instrument :
 BNA_G
 ClientSampled :
 RBR-57

Tot Ion: 276 Resp: 108814

Ion	Ratio	Lower	Upper
276	100		
277	25.7	19.5	29.3
138	18.1	13.8	20.6

