

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092018\
 Data File : BG036851.D
 Acq On : 20 Sep 2018 20:04
 Operator : JU/SJ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG092018

Manual Integrations
 APPROVED

Sohil
 9/21/2018 10:49:08 AM

Quant Time: Sep 21 10:39:34 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 20 20:07:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	38649	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	196221	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	136401	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	348265	20.00	ng	0.00
75) Chrysene-d12	21.69	240	337323	20.00	ng	0.00
86) Perylene-d12	24.90	264	347709	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	168010	83.37	ng	0.00
7) Phenol-d6	7.21	99	267823	85.90	ng	0.00
23) Nitrobenzene-d5	9.21	82	285556	77.93	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	132819	81.39	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	712600	77.81	ng	0.00
78) Terphenyl-d14	20.02	244	975950	76.08	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	39709	43.061	ng	95
3) Pyridine	3.92	79	114152	42.871	ng	96
4) n-Nitrosodimethylamine	3.84	42	48402	40.899	ng	99
6) Aniline	7.37	93	167715	41.454	ng	96
8) 2-Chlorophenol	7.61	128	94761	40.496	ng	94
9) Benzaldehyde	7.19	77	83965	40.753	ng	99
10) Phenol	7.24	94	137198	42.635	ng	97
11) bis(2-Chloroethyl)ether	7.47	93	115088	38.664	ng	97
12) 1,3-Dichlorobenzene	7.94	146	114867	40.040	ng	97
13) 1,4-Dichlorobenzene	8.08	146	119742	40.787	ng	96
14) 1,2-Dichlorobenzene	8.40	146	113185	39.784	ng	99
15) Benzyl Alcohol	8.28	79	107115	42.338	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.57	45	228267	39.944	ng	96
17) 2-Methylphenol	8.49	107	91391	40.772	ng	98
18) Hexachloroethane	9.13	117	43640	40.393	ng	92
19) n-Nitroso-di-n-propylamine	8.85	70	107466	41.431	ng	95
20) 3+4-Methylphenols	8.82	107	132563	42.511	ng	97
22) Acetophenone	8.87	105	179162	38.854	ng	97
24) Nitrobenzene	9.25	77	151811	38.797	ng	94
25) Isophorone	9.78	82	270678	40.428	ng	97
26) 2-Nitrophenol	9.96	139	64035	41.056	ng	95
27) 2,4-Dimethylphenol	10.02	122	96599	39.760	ng	97
28) bis(2-Chloroethoxy)methane	10.26	93	160191	38.775	ng	98
29) 2,4-Dichlorophenol	10.50	162	116771	41.461	ng	96
30) 1,2,4-Trichlorobenzene	10.72	180	136450	38.714	ng	98
31) Naphthalene	10.90	128	360917	38.657	ng	98
32) Benzoic acid	10.16	122	67409m	37.642	ng	
33) 4-Chloroaniline	11.01	127	165907	39.083	ng	98
34) Hexachlorobutadiene	11.19	225	94646	38.830	ng	98
35) Caprolactam	11.79	113	48025	41.430	ng	98
36) 4-Chloro-3-methylphenol	12.13	107	141822	42.202	ng	98
37) 2-Methylnaphthalene	12.50	142	281602	39.602	ng	99
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	186342	39.169	ng	99
40) Hexachlorocyclopentadiene	12.85	237	95786	39.148	ng	97

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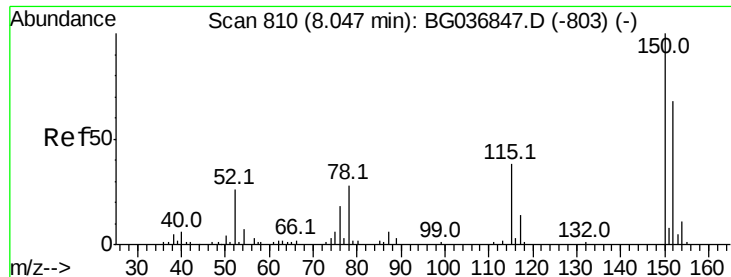
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	109058	41.281	ng	97
43) 2,4,5-Trichlorophenol	13.18	196	119555	42.441	ng	98
45) 1,1'-Biphenyl	13.51	154	406402	38.904	ng	98
46) 2-Chloronaphthalene	13.55	162	318347	38.751	ng	99
47) 2-Nitroaniline	13.76	65	112684	39.657	ng	97
48) Acenaphthylene	14.40	152	503593	39.119	ng	99
49) Dimethylphthalate	14.13	163	427918	38.975	ng	100
50) 2,6-Dinitrotoluene	14.25	165	96899	40.450	ng	94
51) Acenaphthene	14.74	154	305348	39.246	ng	98
52) 3-Nitroaniline	14.58	138	101555	40.231	ng	99
53) 2,4-Dinitrophenol	14.79	184	38986	39.056	ng	98
54) Dibenzofuran	15.07	168	514070	39.063	ng	98
55) 4-Nitrophenol	14.89	139	65540	40.642	ng	97
56) 2,4-Dinitrotoluene	15.04	165	135075	40.410	ng	89
57) Fluorene	15.72	166	380991	38.733	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.30	232	113553	39.736	ng	97
59) Diethylphthalate	15.49	149	425744	38.446	ng	99
60) 4-Chlorophenyl-phenylether	15.71	204	244715	39.285	ng	98
61) 4-Nitroaniline	15.75	138	104201	39.244	ng	96
62) Azobenzene	16.00	77	410521	38.582	ng	98
64) 4,6-Dinitro-2-methylphenol	15.80	198	74949	41.163	ng	98
65) n-Nitrosodiphenylamine	15.93	169	375677	39.074	ng	99
66) 4-Bromophenyl-phenylether	16.61	248	157493	39.758	ng	98
67) Hexachlorobenzene	16.73	284	160089	39.239	ng	97
68) Atrazine	16.87	200	153096	39.326	ng	99
69) Pentachlorophenol	17.07	266	104871	40.826	ng	97
70) Phenanthrene	17.46	178	655177	39.039	ng	99
71) Anthracene	17.56	178	649903	39.163	ng	100
72) Carbazole	17.83	167	627528	38.784	ng	98
73) Di-n-butylphthalate	18.38	149	704279	39.195	ng	99
74) Fluoranthene	19.47	202	777984	38.511	ng	100
76) Benzidine	19.65	184	364065	35.703	ng	99
77) Pyrene	19.83	202	793332	39.192	ng	100
79) Butylbenzylphthalate	20.71	149	308518	38.238	ng	95
80) Benzo(a)anthracene	21.67	228	745982	37.884	ng	99
81) 3,3'-Dichlorobenzidine	21.59	252	290611	38.773	ng	99
82) Chrysene	21.73	228	713360	37.495	ng	99
83) Bis(2-ethylhexyl)phthalate	21.57	149	422711	37.503	ng	99
84) Di-n-octyl phthalate	22.78	149	710961	38.310	ng	98
85) Indeno(1,2,3-cd)pyrene	28.55	276	801502	39.231	ng	# 94
87) Benzo(b)fluoranthene	23.88	252	714884	38.579	ng	98
88) Benzo(k)fluoranthene	23.95	252	716293	38.530	ng	98
89) Benzo(a)pyrene	24.75	252	691665	38.609	ng	98
90) Dibenzo(a,h)anthracene	28.62	278	653141	38.901	ng	98
91) Benzo(g,h,i)perylene	29.69	276	657904	39.044	ng	97

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



#1

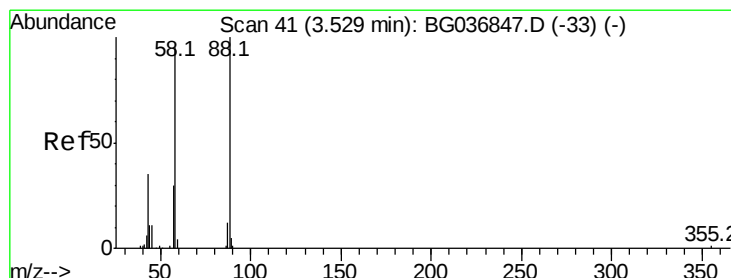
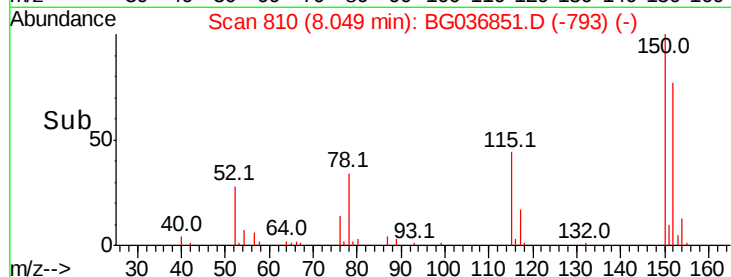
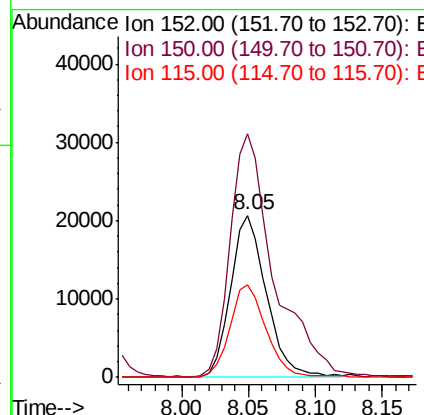
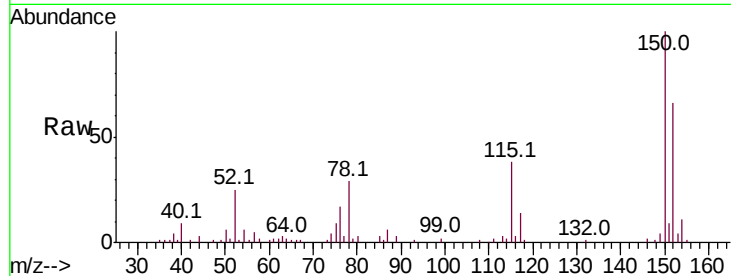
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 810
Delta R.T. 0.00 min
Lab File: BG036851.D
Acq: 20 Sep 2018 20:04

Instrument :
BNA_G
ClientSampleId :
ICVBG092018

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.6	119.5	179.3
115	57.6	44.5	66.7

Manual Integrations
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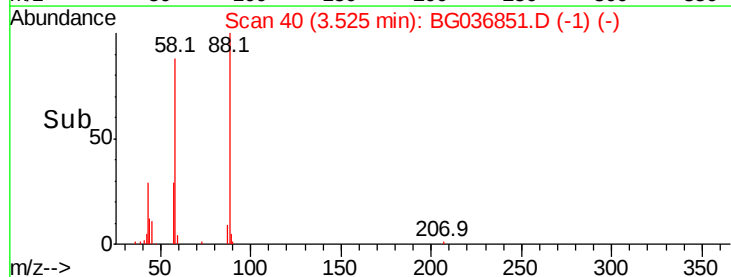
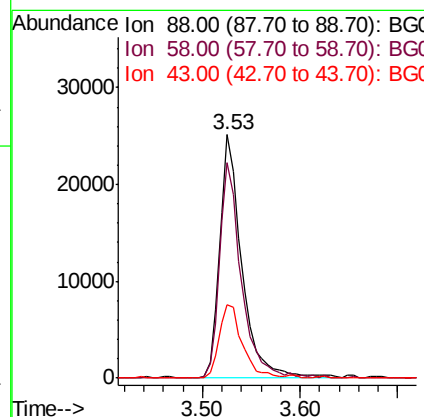
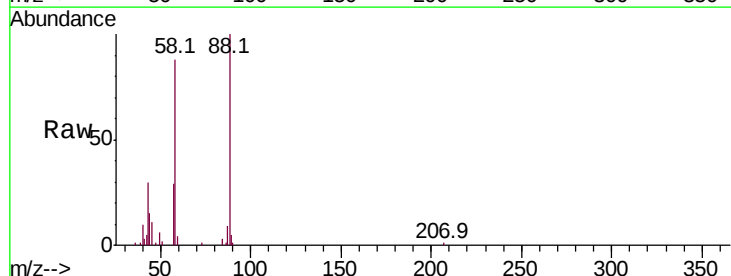
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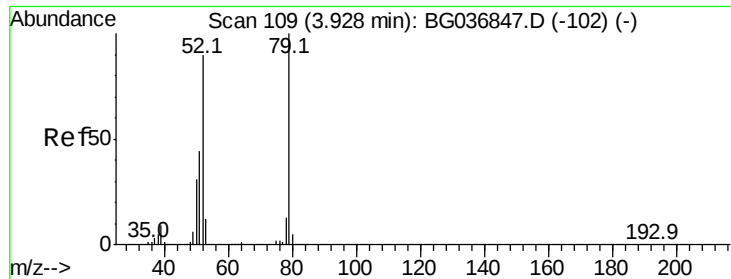


#2

1,4-Dioxane
Concen: 43.061 ng
RT: 3.53 min Scan# 40
Delta R.T. -0.00 min
Lab File: BG036851.D
Acq: 20 Sep 2018 20:04

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.0	72.6	109.0
43	31.8	29.0	43.4





#3

Pvridine

Concen: 42.871 ng

RT: 3.92 min Scan# 108

Delta R.T. -0.00 min

Lab File: BG036851.D

Acq: 20 Sep 2018 20:04

Instrument :

BNA_G

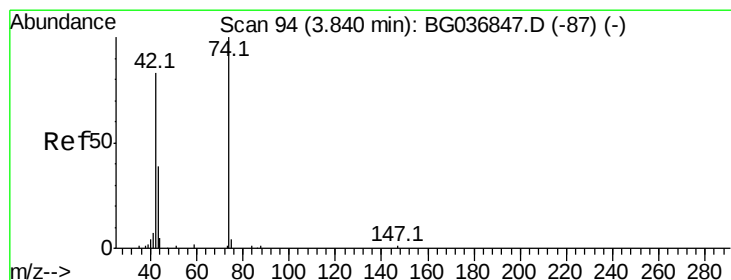
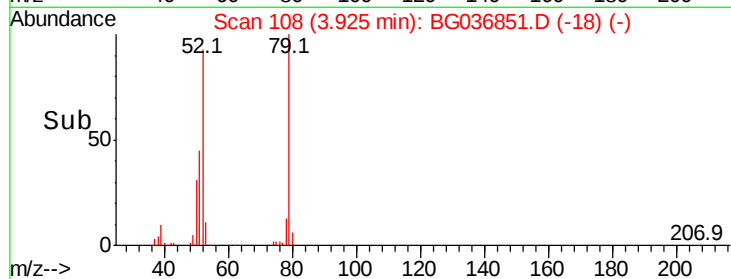
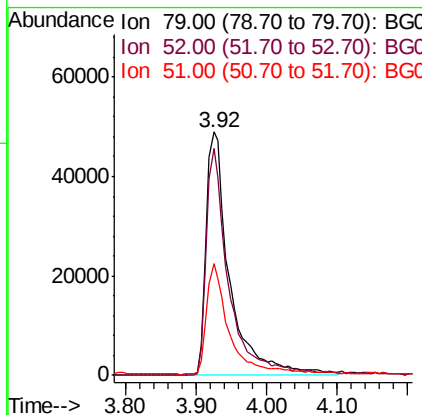
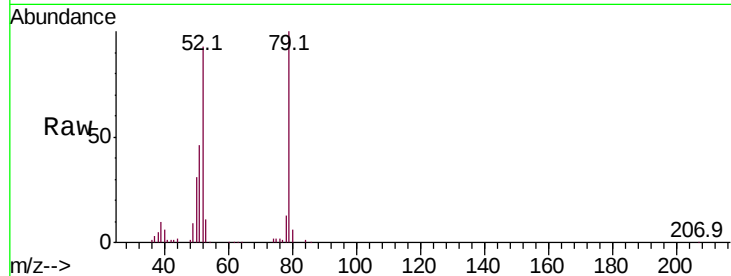
ClientSampleId :

ICVBG092018

Tot Ion	Ratio	Lower	Upper
79	100		
52	93.0	72.3	108.5
51	46.0	33.8	50.6

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#4

n-Nitrosodimethylamine

Concen: 40.899 ng

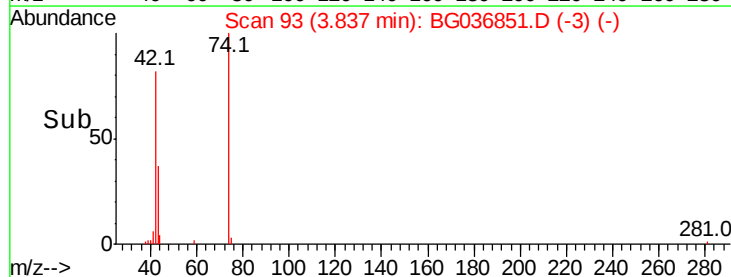
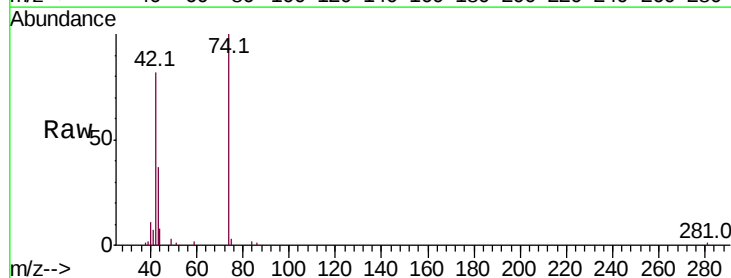
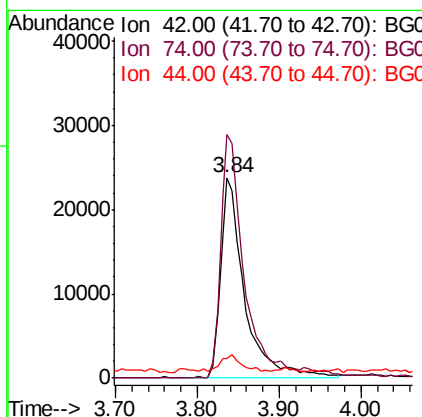
RT: 3.84 min Scan# 93

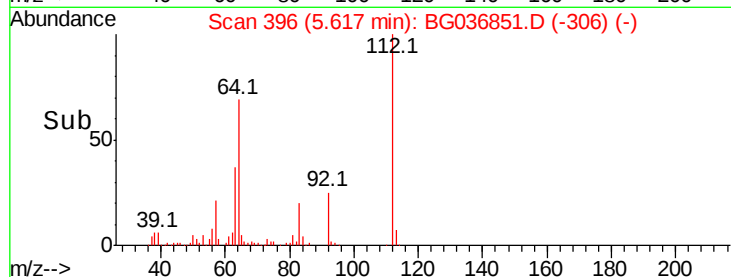
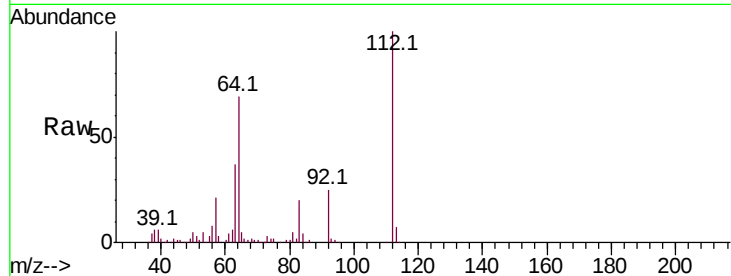
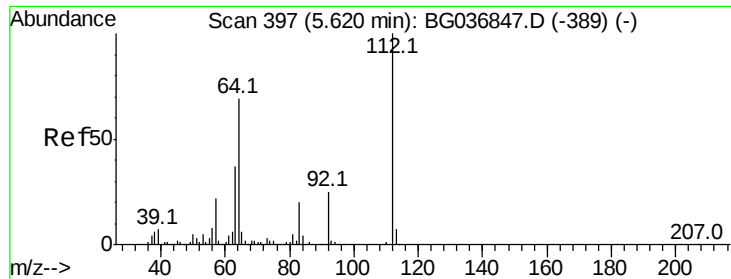
Delta R.T. -0.00 min

Lab File: BG036851.D

Acq: 20 Sep 2018 20:04

Tgt Ion	Ratio	Lower	Upper
42	100		
74	121.4	96.6	145.0
44	9.5	7.0	10.4





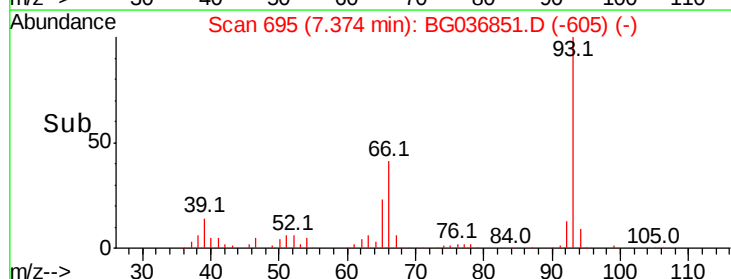
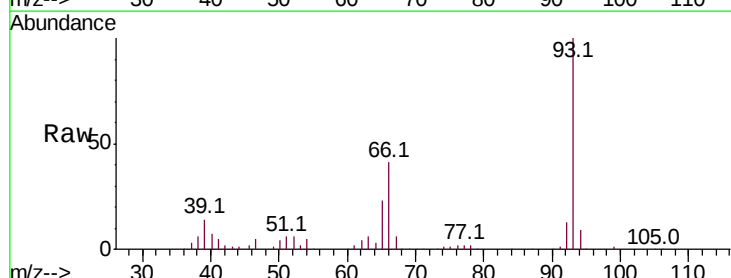
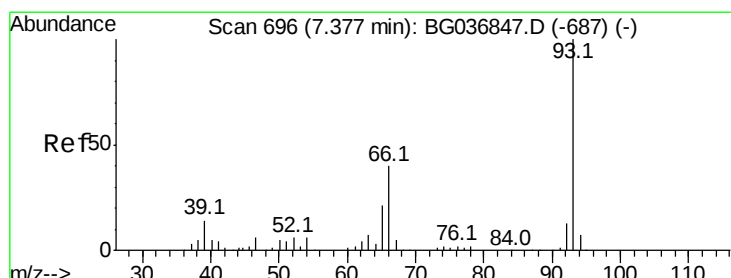
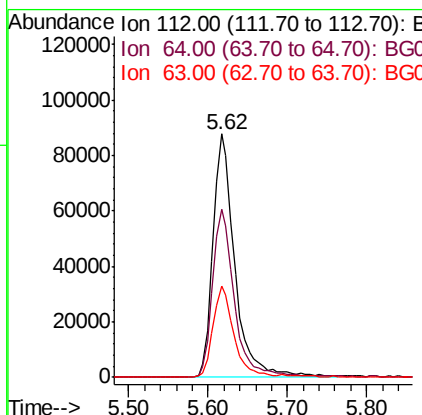
#5
2-Fluorophenol
Concen: 83.367 ng
RT: 5.62 min Scan# 396
Delta R.T. -0.00 min
Lab File: BG036851.D
Acq: 20 Sep 2018 20:04

Tot Ion	Ratio	Resp	Lower	Upper
112	100	168010		
64	68.8	57.2	85.8	
63	37.5	30.8	46.2	

Instrument :
BNA_G
ClientSampleId :
ICVBG092018

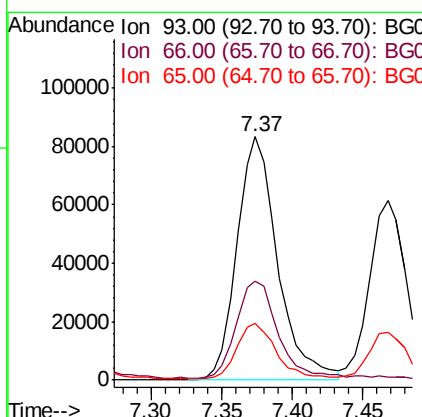
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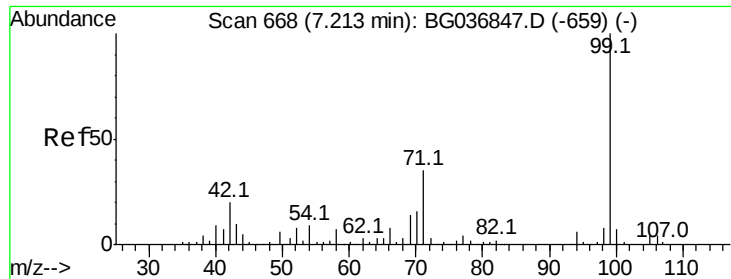
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#6
Aniline
Concen: 41.454 ng
RT: 7.37 min Scan# 695
Delta R.T. -0.00 min
Lab File: BG036851.D
Acq: 20 Sep 2018 20:04

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	167715		
66	40.7	35.0	52.4	
65	23.3	17.6	26.4	





#7

Phenol-d6

Concen: 85.896 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.00 min

Lab File: BG036851.D

Acq: 20 Sep 2018 20:04

Instrument :

BNA_G

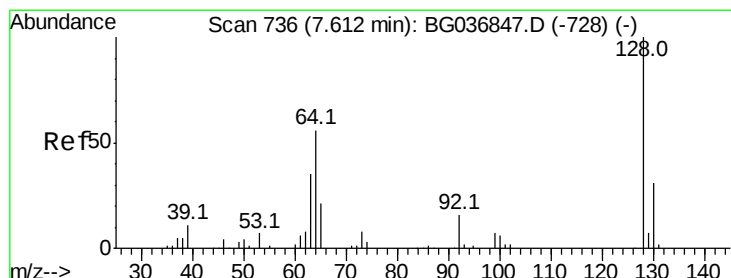
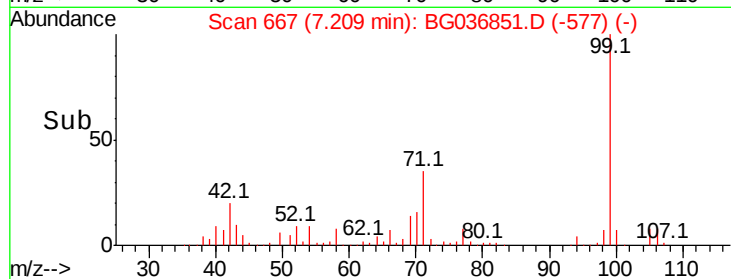
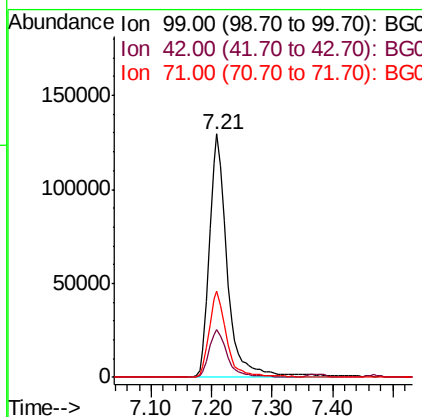
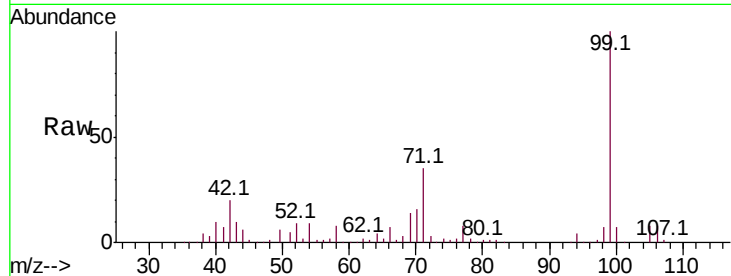
ClientSampleId :

ICVBG092018

Tot Ion:	99	Resp:	267823
Ion Ratio	Lower	Upper	
99	100		
42	19.8	16.5	24.7
71	35.2	29.4	44.2

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#8

2-Chlorophenol

Concen: 40.496 ng

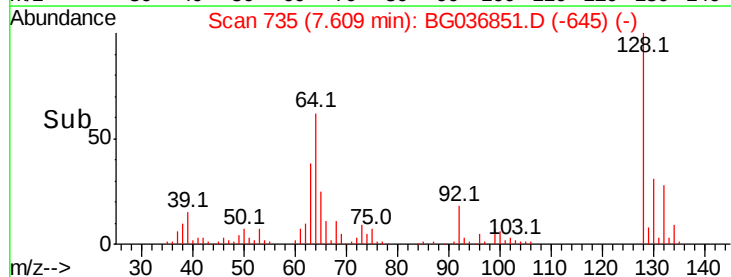
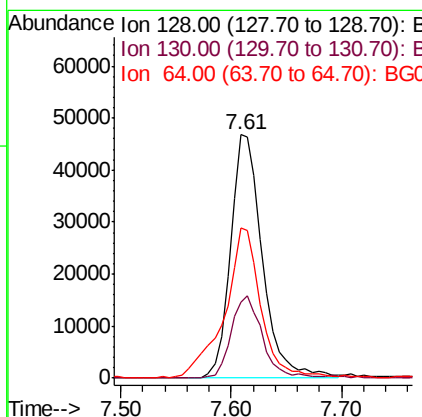
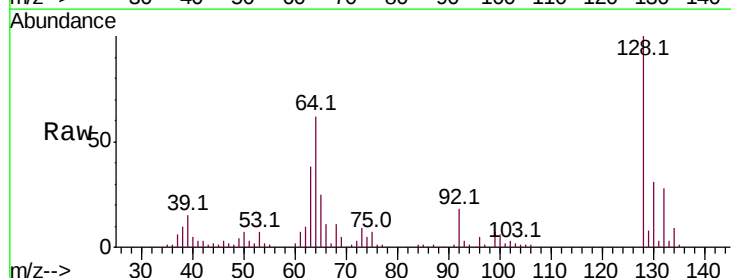
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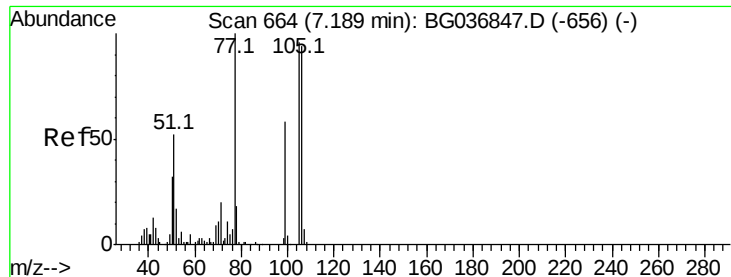
Delta R.T. -0.00 min

Lab File: BG036851.D

Acq: 20 Sep 2018 20:04

Tgt Ion:	128	Resp:	94761
Ion Ratio	Lower	Upper	
128	100		
130	31.4	10.0	50.0
64	61.7	36.0	76.0





#9

Benzaldehyde

Concen: 40.753 ng

RT: 7.19 min Scan# 663

Delta R.T. -0.00 min

Lab File: BG036851.D

Acq: 20 Sep 2018 20:04

Instrument :

BNA_G

ClientSampleId :

ICVBG092018

Tot Ion: 77 Resp: 83965

Ion Ratio Lower Upper

77 100

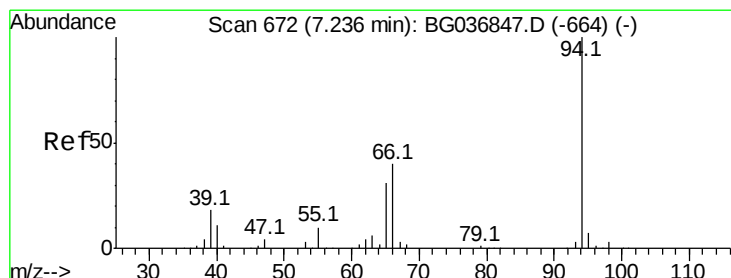
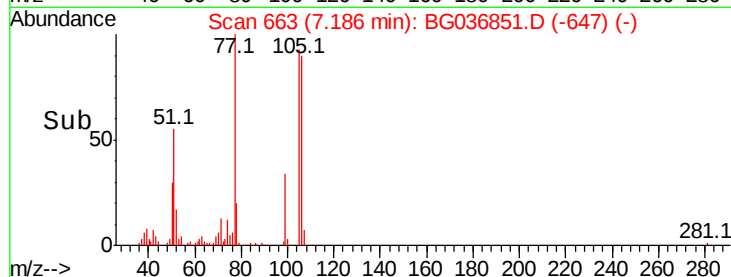
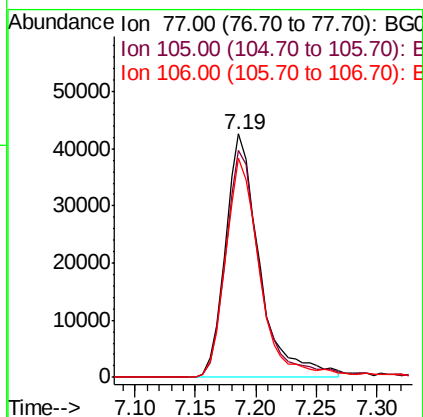
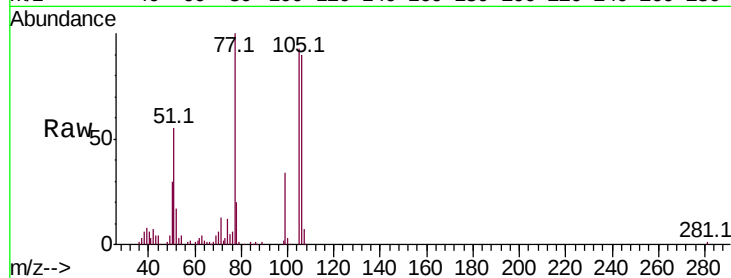
105 93.2 70.5 110.5

106 89.9 69.8 109.8

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#10

Phenol

Concen: 42.635 ng

RT: 7.24 min Scan# 672

Delta R.T. 0.00 min

Lab File: BG036851.D

Acq: 20 Sep 2018 20:04

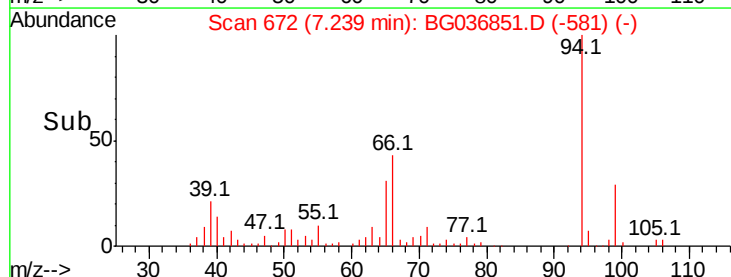
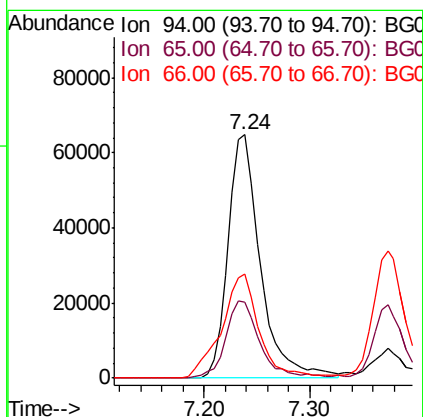
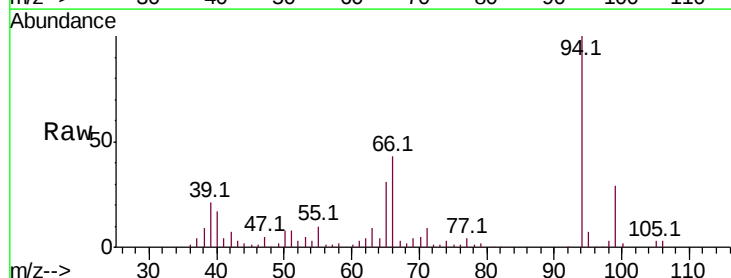
Tgt Ion: 94 Resp: 137198

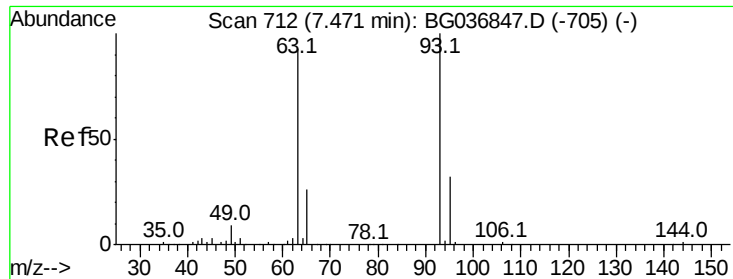
Ion Ratio Lower Upper

94 100

65 31.0 11.5 51.5

66 42.7 19.5 59.5





#11

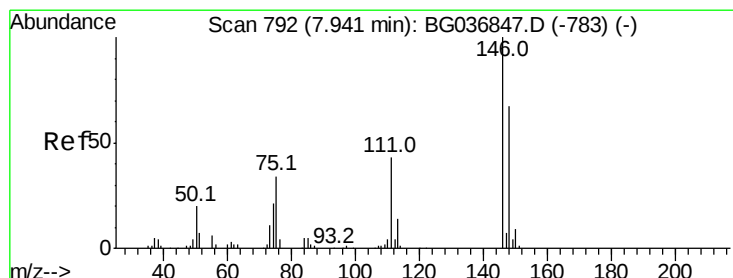
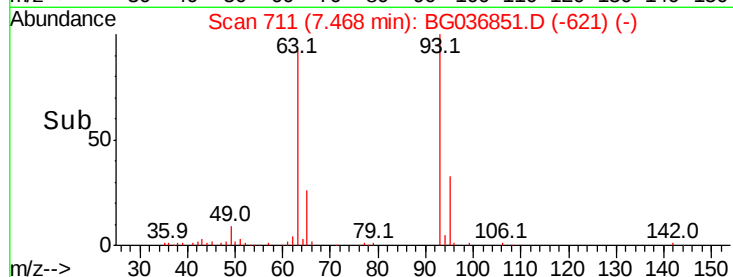
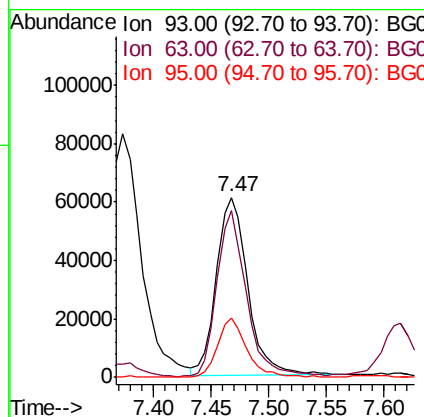
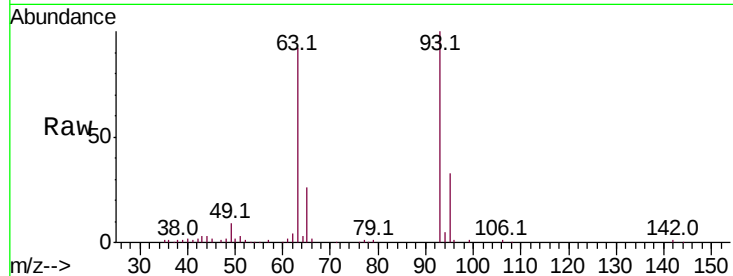
bis(2-Chloroethyl)ether
Concen: 38.664 ng
RT: 7.47 min Scan# 711
Delta R.T. -0.00 min
Lab File: BG036851.D
Acq: 20 Sep 2018 20:04

Instrument :
BNA_G
ClientSampleId :
ICVBG092018

Tot Ion	93	Resp	115088
Ion Ratio	100	Lower	Upper
93	100		
63	92.4	69.9	109.9
95	33.0	11.7	51.7

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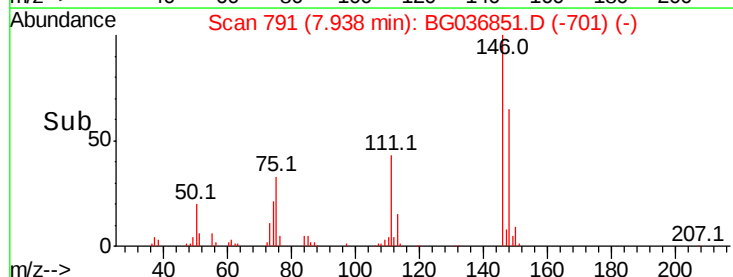
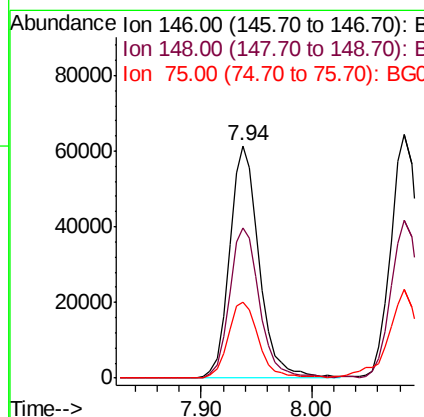
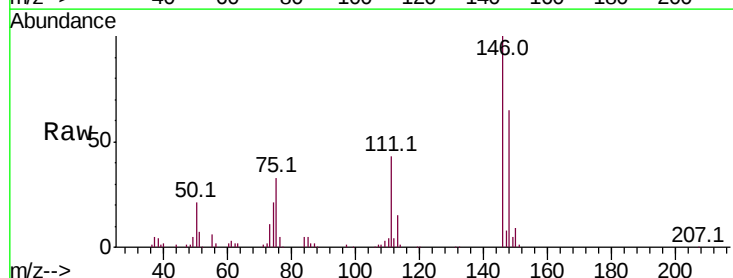
Sohil
9/21/2018 10:49:08 AM

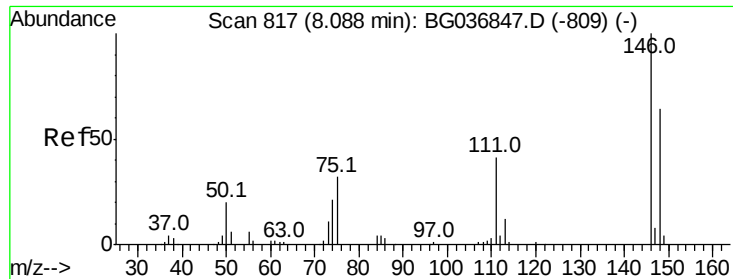


#12

1,3-Dichlorobenzene
Concen: 40.040 ng
RT: 7.94 min Scan# 791
Delta R.T. -0.00 min
Lab File: BG036851.D
Acq: 20 Sep 2018 20:04

Tgt Ion	146	Resp	114867
Ion Ratio	100	Lower	Upper
146	100		
148	64.9	53.8	80.6
75	32.6	27.2	40.8





#13

1,4-Dichlorobenzene

Concen: 40.787 ng

RT: 8.08 min Scan# 816

Delta R.T. -0.00 min

Lab File: BG036851.D

Acq: 20 Sep 2018 20:04

Instrument :

BNA_G

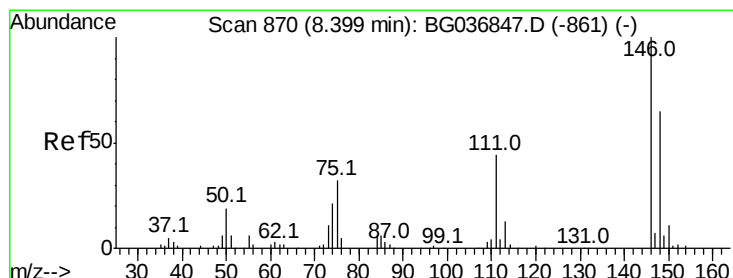
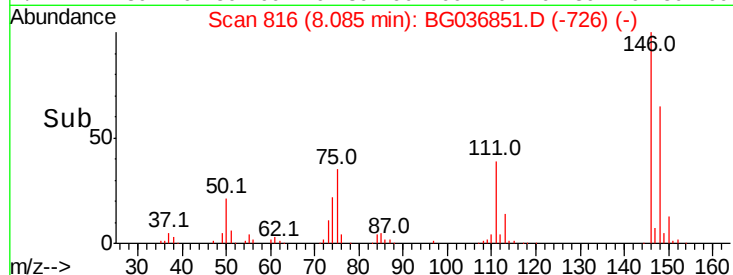
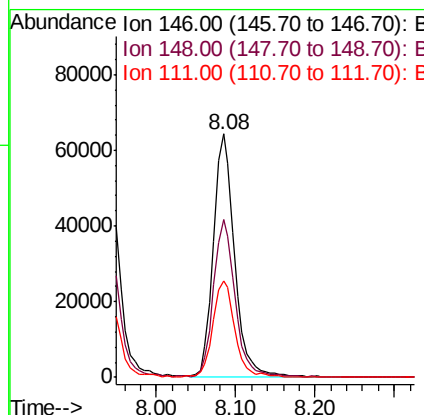
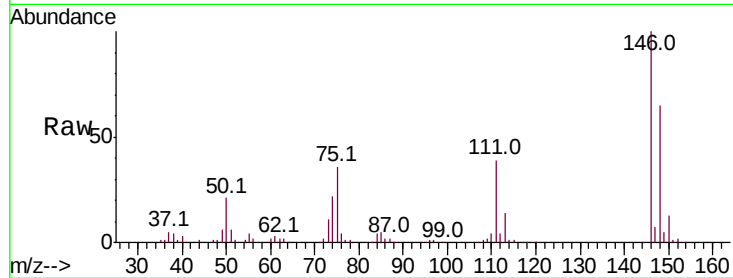
ClientSampleId :

ICVBG092018

Tot Ion:	146	Resp:	119742
Ion Ratio	Lower	Upper	
146	100		
148	65.0	53.9	80.9
111	39.4	33.8	50.6

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 39.784 ng

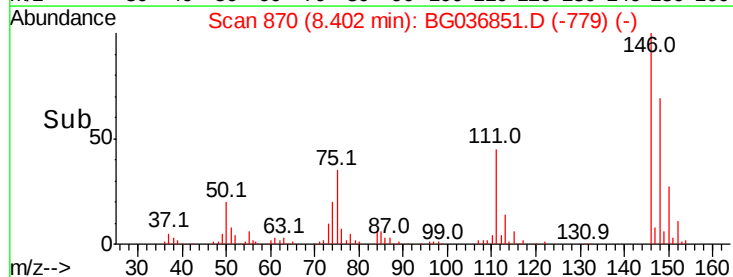
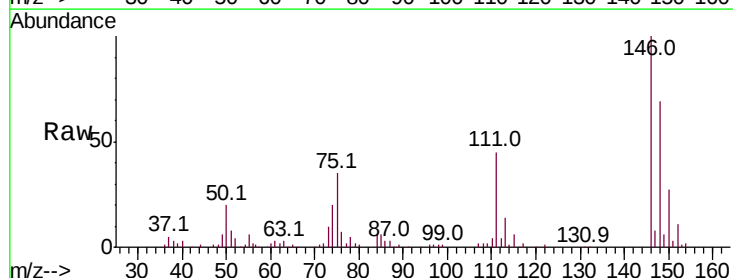
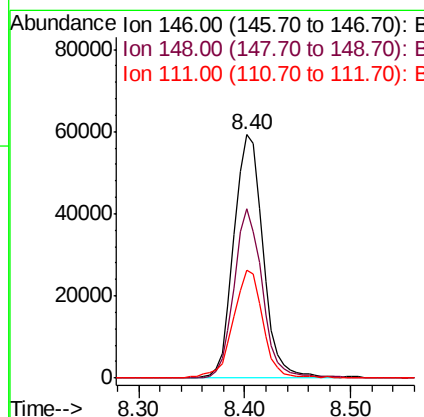
RT: 8.40 min Scan# 870

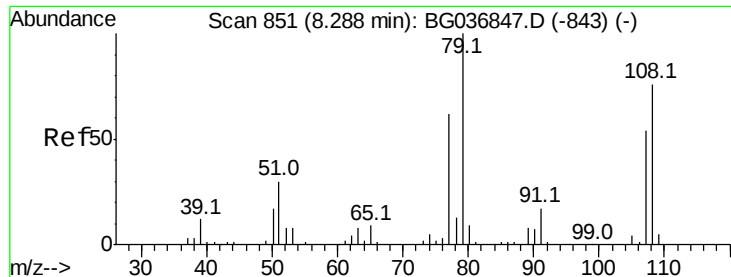
Delta R.T. 0.00 min

Lab File: BG036851.D

Acq: 20 Sep 2018 20:04

Tgt Ion:	146	Resp:	113185
Ion Ratio	Lower	Upper	
146	100		
148	69.4	55.0	82.6
111	44.5	34.6	51.8





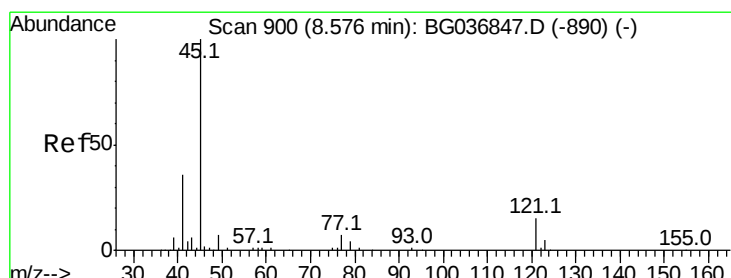
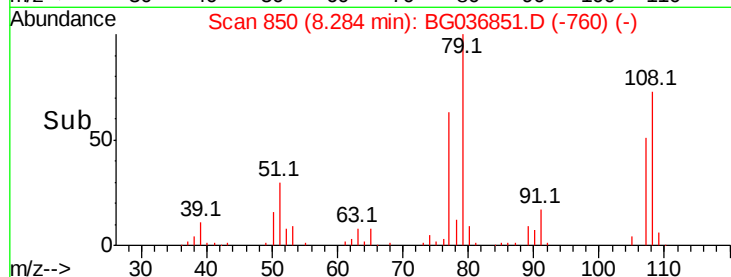
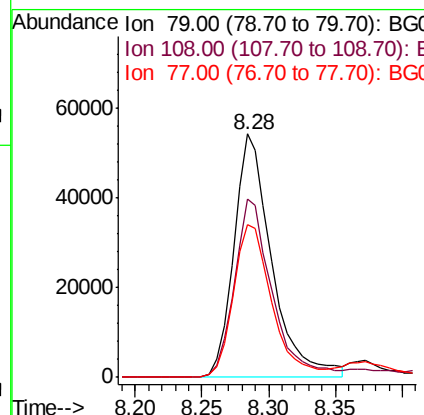
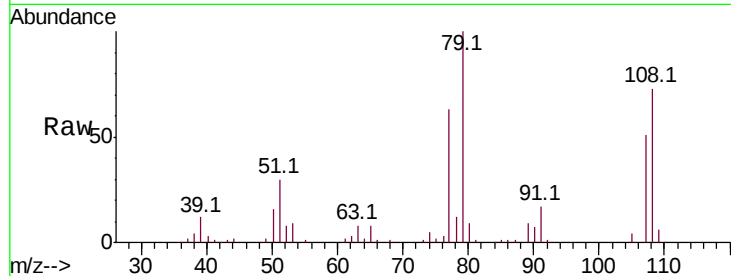
#15
Benzyl Alcohol
Concen: 42.338 ng
RT: 8.28 min Scan# 850
Delta R.T. -0.00 min
Lab File: BG036851.D
Acq: 20 Sep 2018 20:04

Instrument :
BNA_G
ClientSampleId :
ICVBG092018

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	73.3	55.9	83.9	
77	62.6	50.0	75.0	

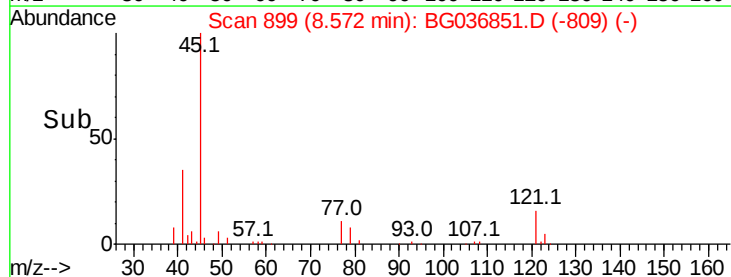
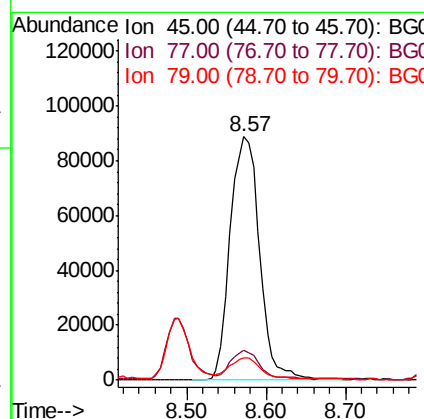
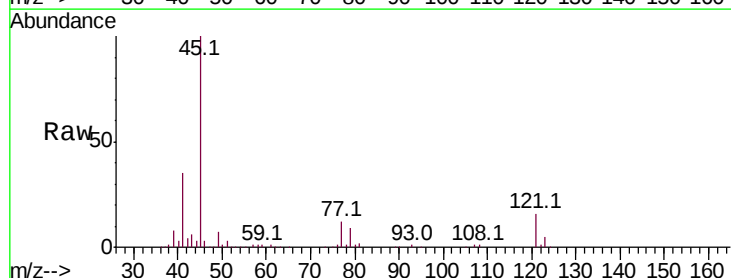
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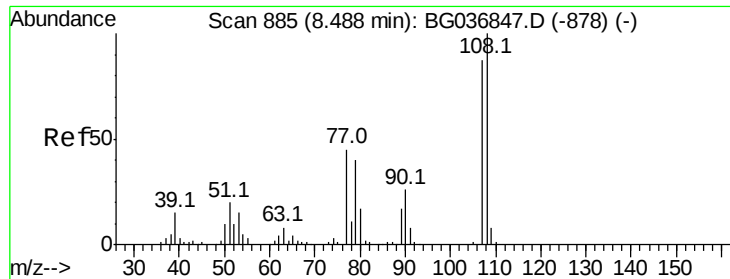
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#16
2,2'-oxybis(1-chloropropane)
Concen: 39.944 ng
RT: 8.57 min Scan# 899
Delta R.T. -0.00 min
Lab File: BG036851.D
Acq: 20 Sep 2018 20:04

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	12.3	0.0	30.5	
79	8.9	0.0	27.9	





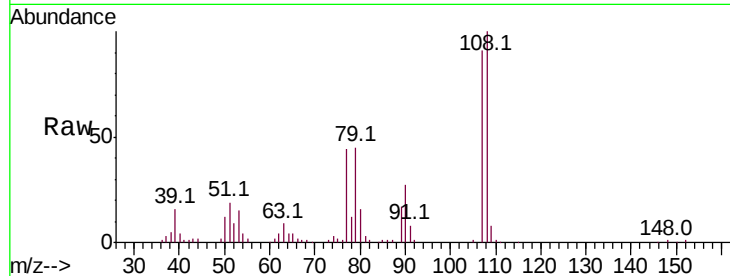
#17
2-Methylphenol
Concen: 40.772 ng
RT: 8.49 min Scan# 885
Delta R.T. 0.00 min
Lab File: BG036851.D
Acq: 20 Sep 2018 20:04

Instrument :
BNA_G
ClientSampleId :
ICVBG092018

Tot Ion:	107	Resp:	91391
Ion Ratio	Lower	Upper	
107	100		
108	109.9	86.7	130.1
77	48.6	39.0	58.4
79	49.0	36.6	54.8

Manual Integrations
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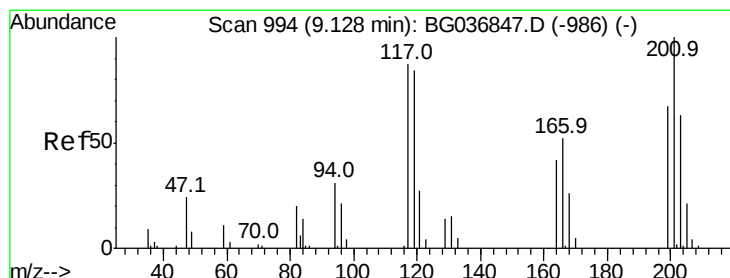
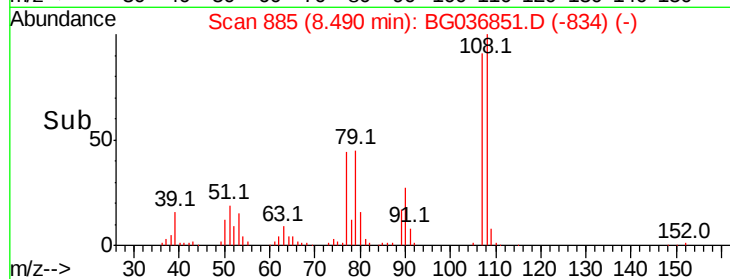
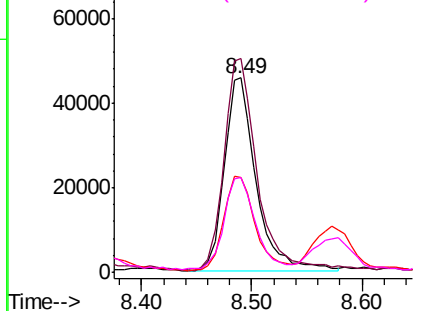
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

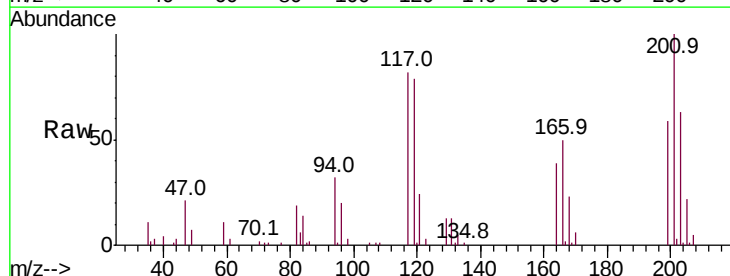
Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18
Hexachloroethane
Concen: 40.393 ng
RT: 9.13 min Scan# 994
Delta R.T. 0.00 min
Lab File: BG036851.D
Acq: 20 Sep 2018 20:04

Tgt Ion:	117	Resp:	43640
Ion Ratio	Lower	Upper	
117	100		
119	96.3	76.8	115.2
201	122.0	85.7	128.5

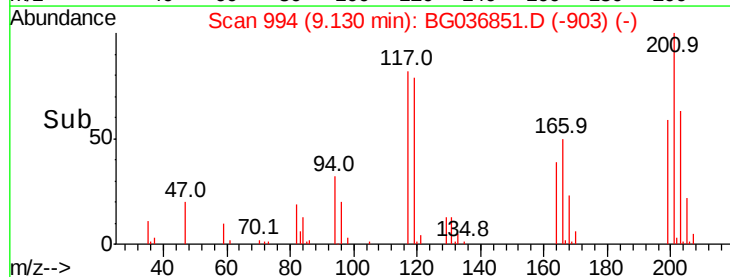
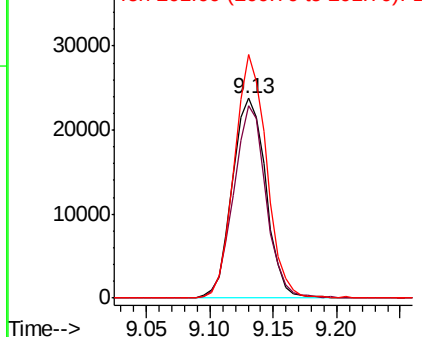


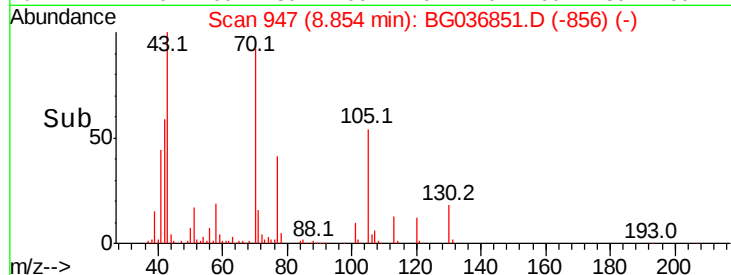
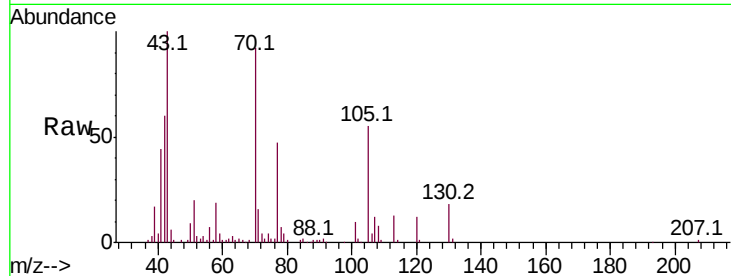
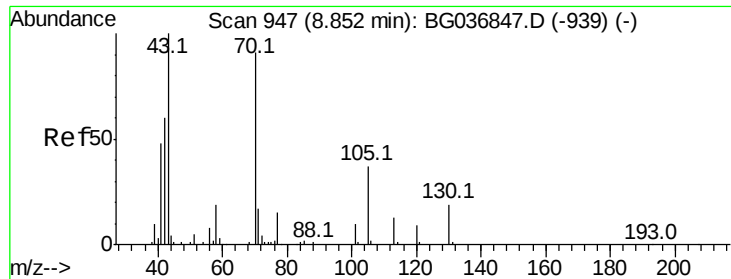
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





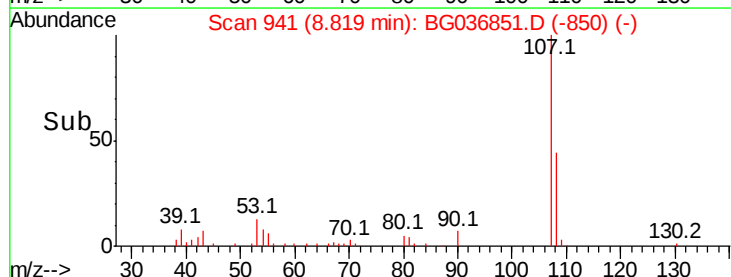
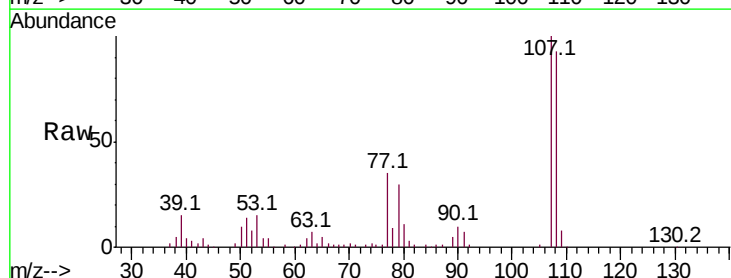
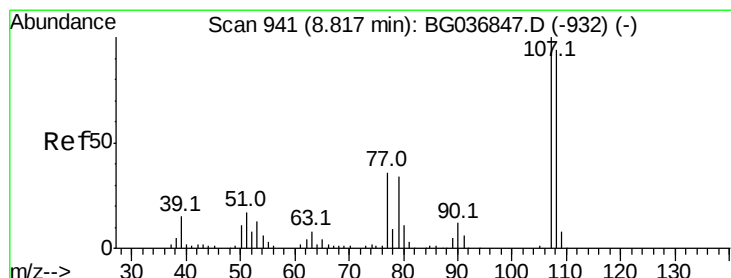
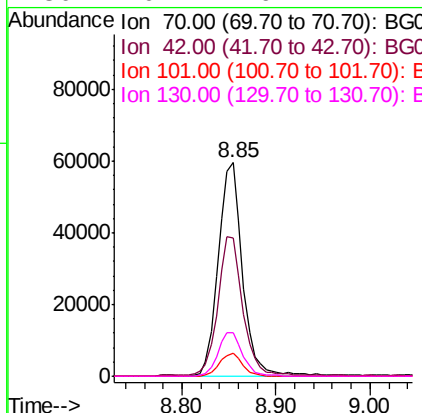
#19
n-Nitroso-di-n-propylamine
Concen: 41.431 ng
RT: 8.85 min Scan# 947
Delta R.T. 0.00 min
Lab File: BG036851.D
Acq: 20 Sep 2018 20:04

Instrument :
BNA_G
ClientSampleId :
ICVBG092018

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	64.9	56.2	84.4	
101	10.5	7.8	11.6	
130	20.1	16.2	24.2	

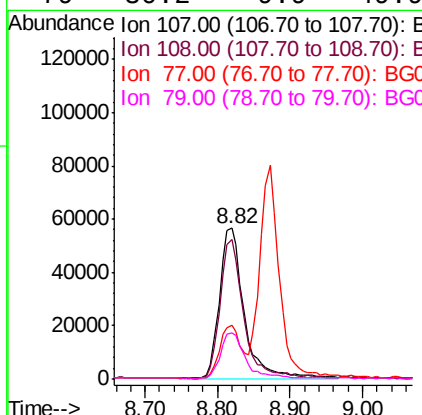
Manual Integrations
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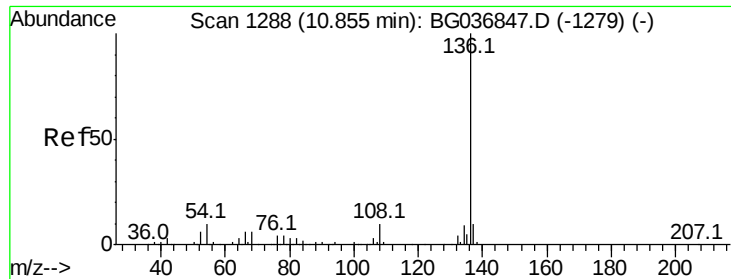
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#20
3+4-Methylphenols
Concen: 42.511 ng
RT: 8.82 min Scan# 941
Delta R.T. 0.00 min
Lab File: BG036851.D
Acq: 20 Sep 2018 20:04

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	92.6	68.0	108.0	
77	35.3	15.6	55.6	
79	30.2	9.9	49.9	





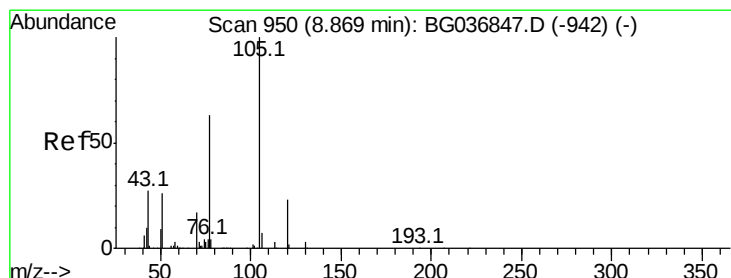
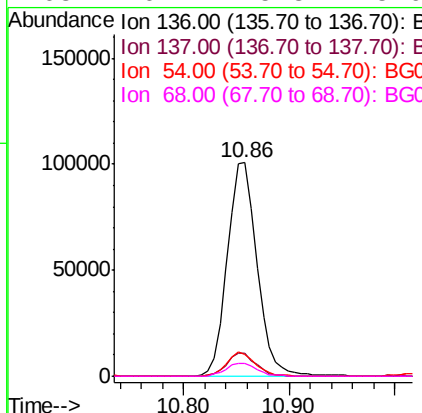
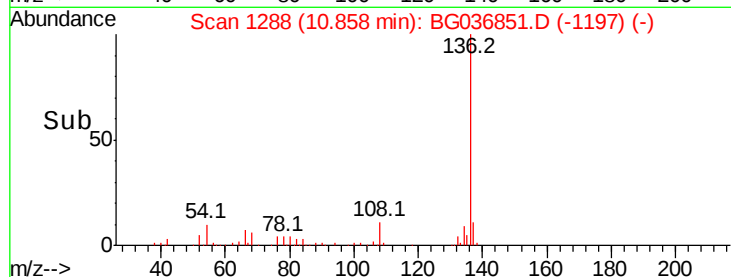
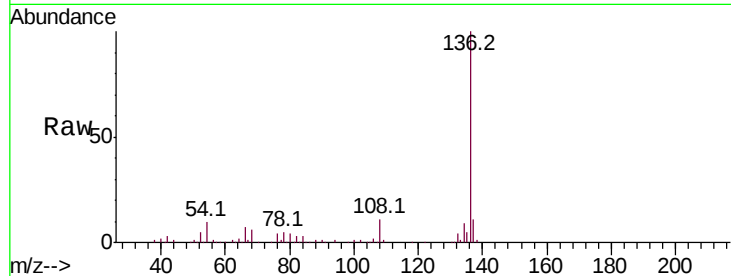
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1288
Delta R.T. 0.00 min
Lab File: BG036851.D
Acq: 20 Sep 2018 20:04

Instrument :
BNA_G
ClientSampleId :
ICVBG092018

Tot Ion	Ratio	Resp	Lower	Upper
136	100	196221		
137	10.6		8.8	13.2
54	10.3		9.2	13.8
68	6.1		5.8	8.6

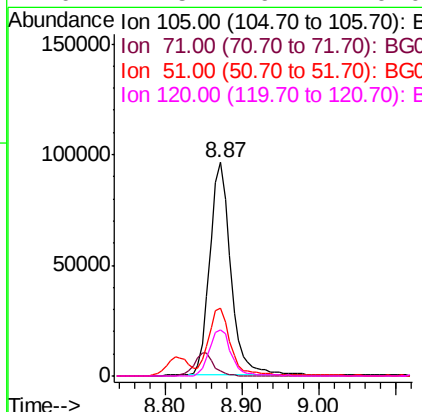
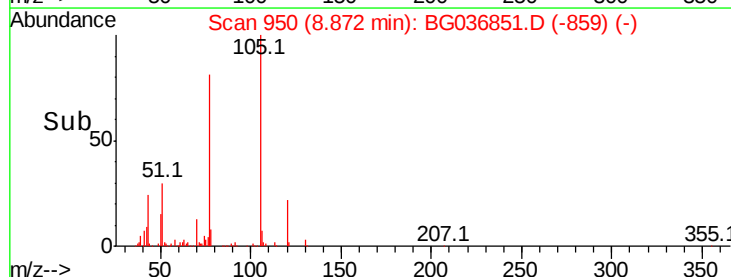
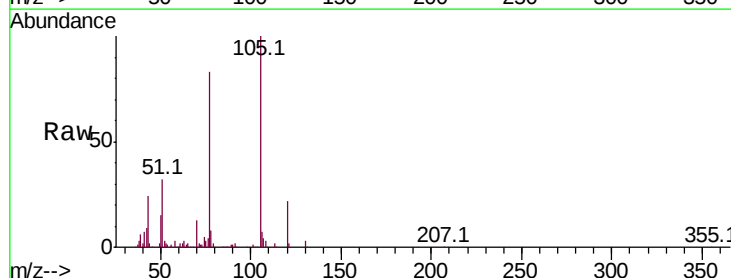
Manual Integrations
APPROVED

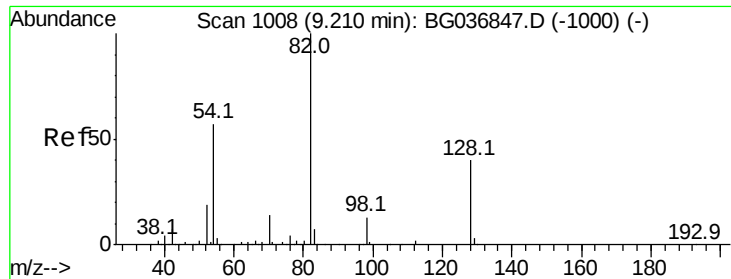
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#22
Acetophenone
Concen: 38.854 ng
RT: 8.87 min Scan# 950
Delta R.T. 0.00 min
Lab File: BG036851.D
Acq: 20 Sep 2018 20:04

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	179162		
71	2.4		2.4	3.6
51	31.7		25.9	38.9
120	21.5		19.4	29.0





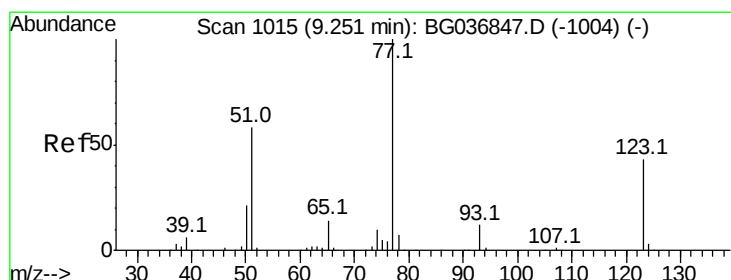
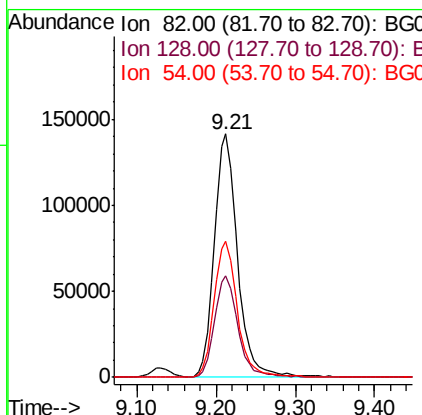
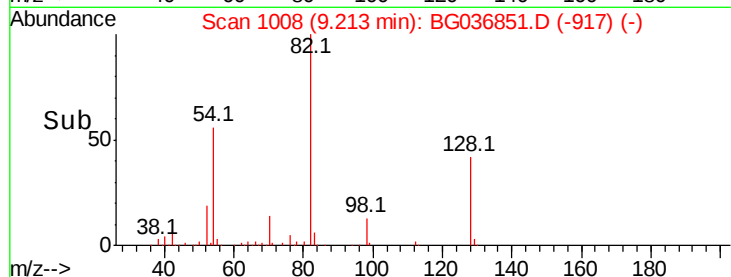
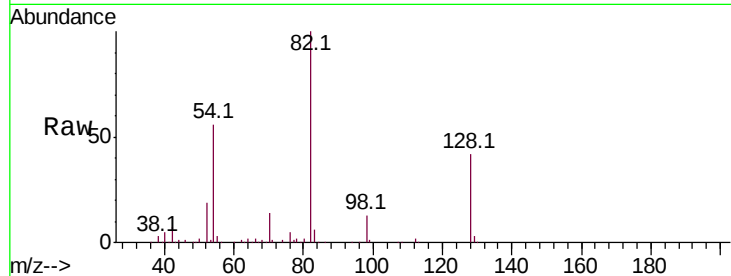
#23
 Nitrobenzene-d5
 Concen: 77.932 ng
 RT: 9.21 min Scan# 1008
 Delta R.T. 0.00 min
 Lab File: BG036851.D
 Acq: 20 Sep 2018 20:04

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG092018

Tot Ion	Ratio	Resp	Lower	Upper
82	100	285556		
128	41.9	33.3	49.9	
54	56.1	45.1	67.7	

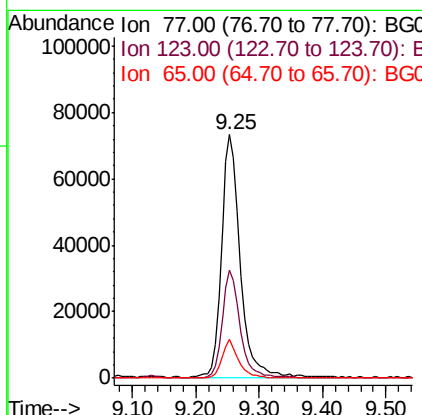
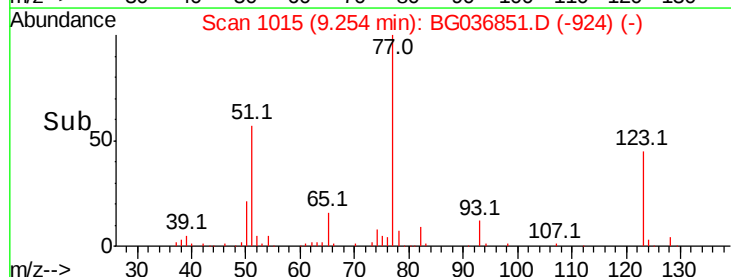
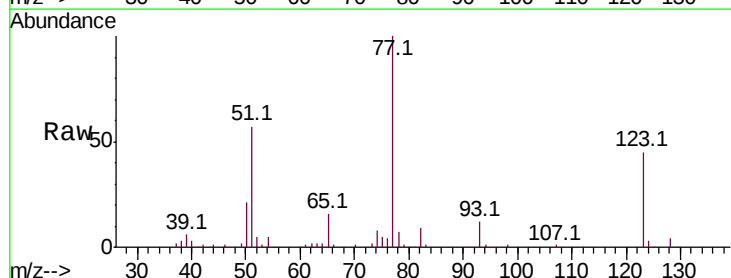
Manual Integrations
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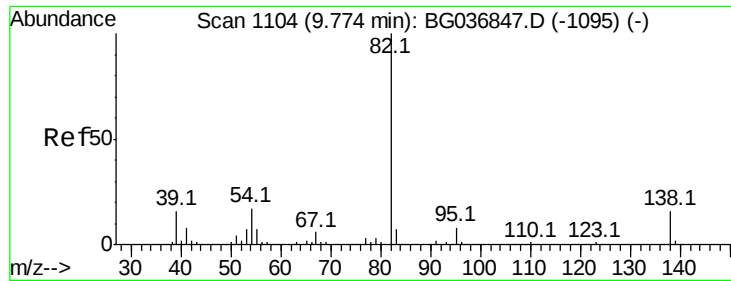
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#24
 Nitrobenzene
 Concen: 38.797 ng
 RT: 9.25 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: BG036851.D
 Acq: 20 Sep 2018 20:04

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	151811		
123	44.5	32.4	48.6	
65	15.7	11.5	17.3	





#25

Isophorone

Concen: 40.428 ng

RT: 9.78 min Scan# 1104

Delta R.T. 0.00 min

Lab File: BG036851.D

Acq: 20 Sep 2018 20:04

Instrument :

BNA_G

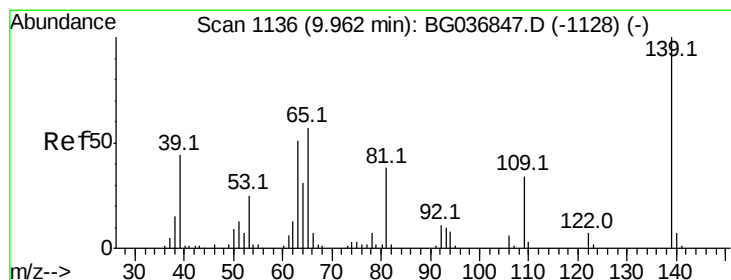
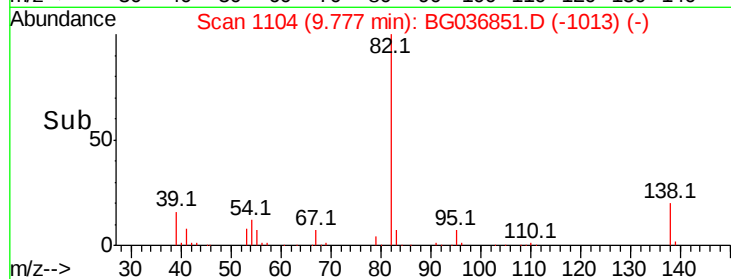
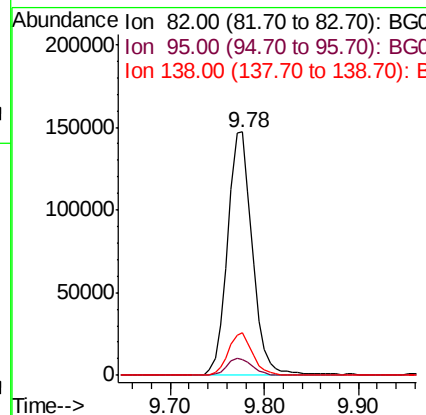
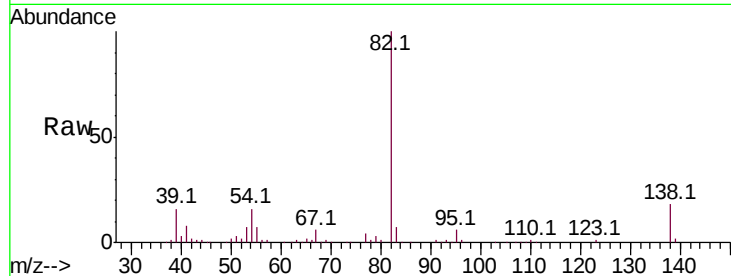
ClientSampleId :

ICVBG092018

Tot Ion:	82	Resp:	270678
Ion Ratio	Lower	Upper	
82	100		
95	6.4	5.8	8.8
138	17.6	12.9	19.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 41.056 ng

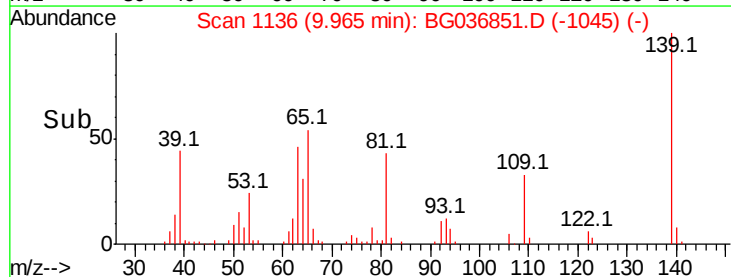
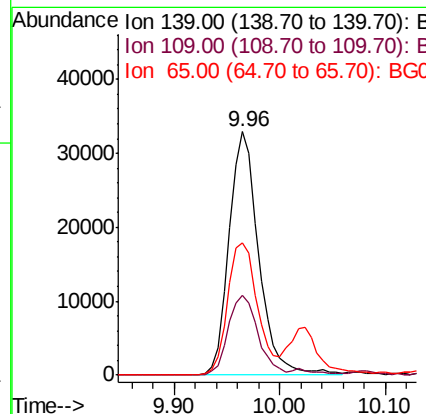
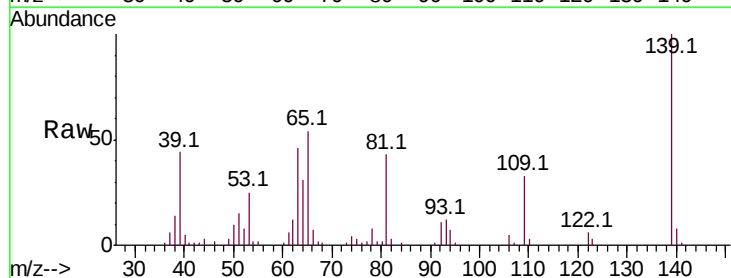
RT: 9.96 min Scan# 1136

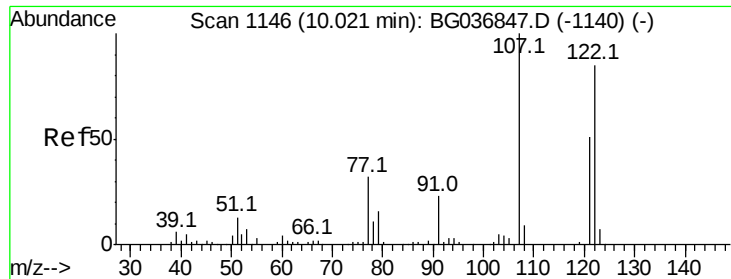
Delta R.T. 0.00 min

Lab File: BG036851.D

Acq: 20 Sep 2018 20:04

Tgt Ion:	139	Resp:	64035
Ion Ratio	Lower	Upper	
139	100		
109	32.6	27.4	41.0
65	54.4	47.8	71.6





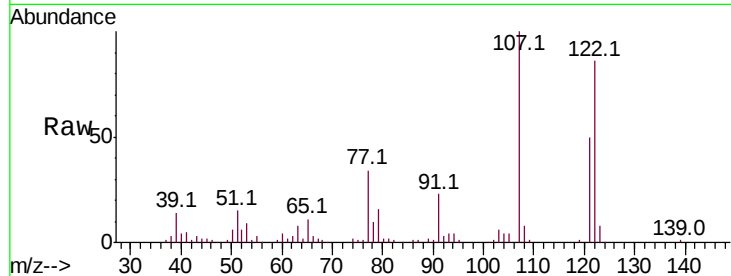
#27
2,4-Dimethylphenol
Concen: 39.760 ng
RT: 10.02 min Scan# 1146
Delta R.T. 0.00 min
Lab File: BG036851.D
Acq: 20 Sep 2018 20:04

Instrument :
BNA_G
ClientSampleId :
ICVBG092018

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		96599		
107	116.3	96.0		144.0	
121	58.0	48.2		72.4	

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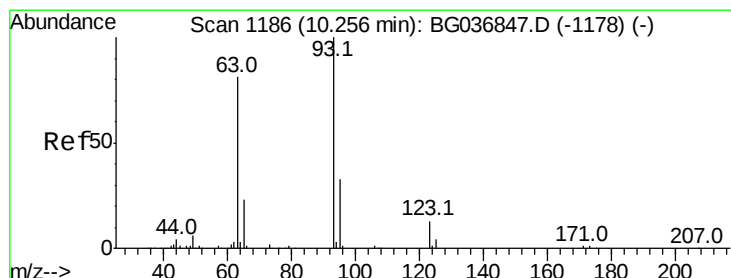
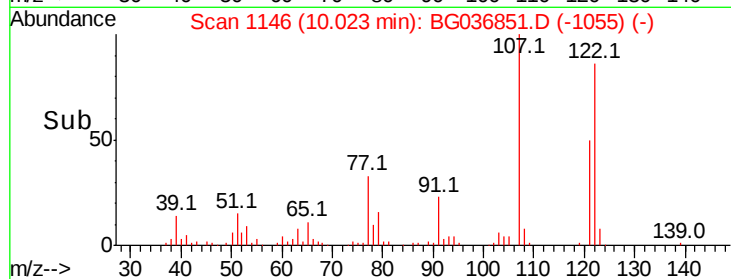
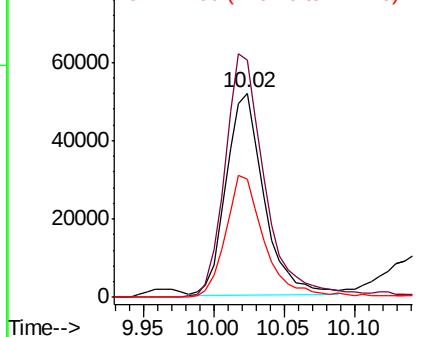


Abundance

Ion 122.00 (121.70 to 122.70): E

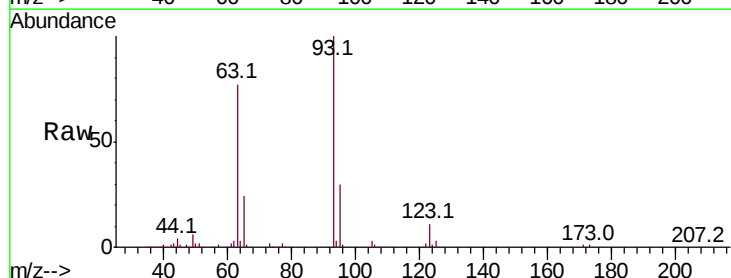
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 38.775 ng
RT: 10.26 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BG036851.D
Acq: 20 Sep 2018 20:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		160191		
95	30.2	25.2		37.8	
123	11.0	8.6		12.8	

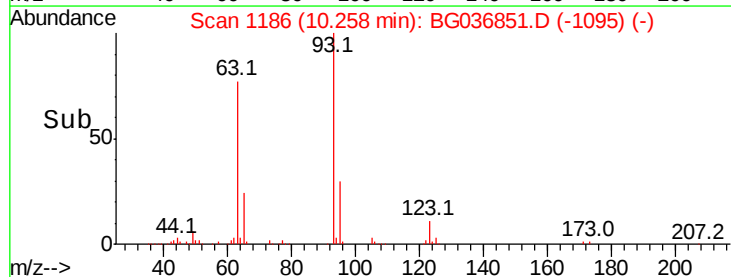
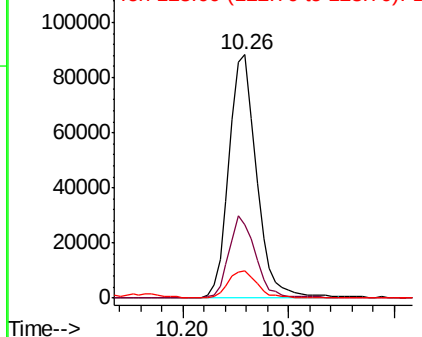


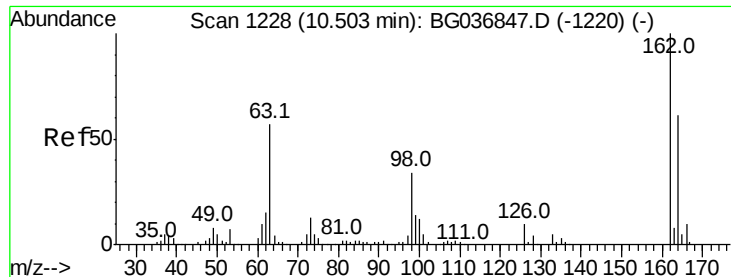
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





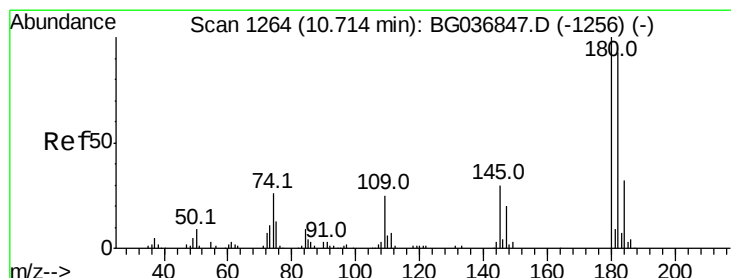
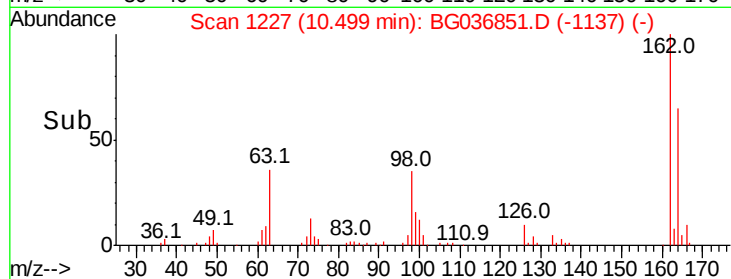
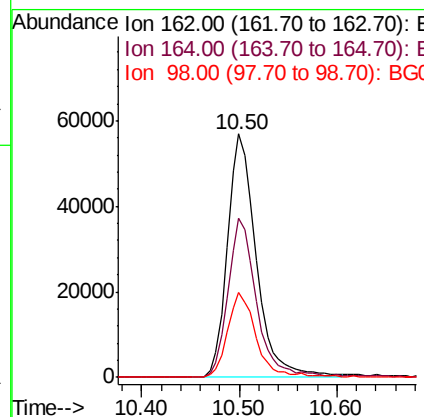
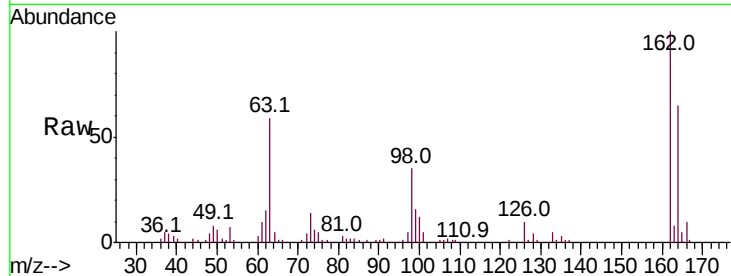
#29
 2,4-Dichlorophenol
 Concen: 41.461 ng
 RT: 10.50 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: BG036851.D
 Acq: 20 Sep 2018 20:04

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG092018

Tot Ion:	162	Resp:	116771
Ion Ratio	Lower	Upper	
162	100		
164	65.3	47.6	87.6
98	34.7	19.2	59.2

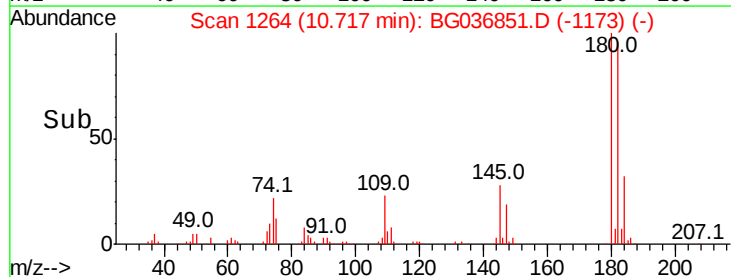
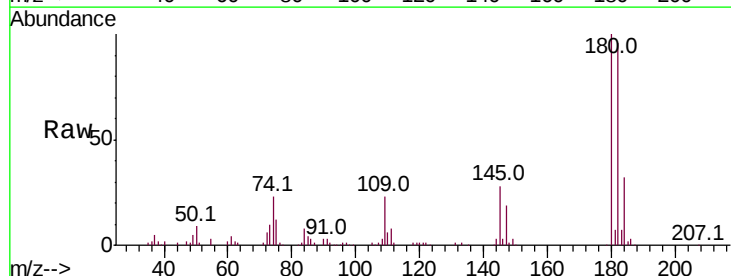
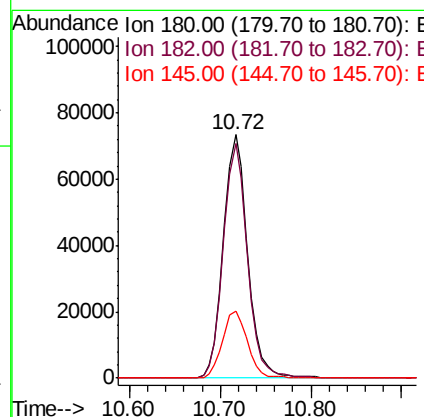
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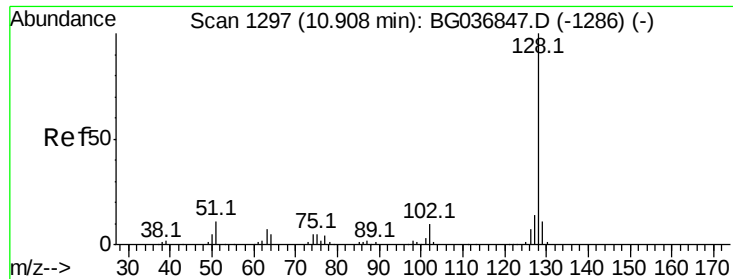
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#30
 1,2,4-Trichlorobenzene
 Concen: 38.714 ng
 RT: 10.72 min Scan# 1264
 Delta R.T. 0.00 min
 Lab File: BG036851.D
 Acq: 20 Sep 2018 20:04

Tgt Ion:	180	Resp:	136450
Ion Ratio	Lower	Upper	
180	100		
182	96.4	76.0	114.0
145	27.5	22.9	34.3





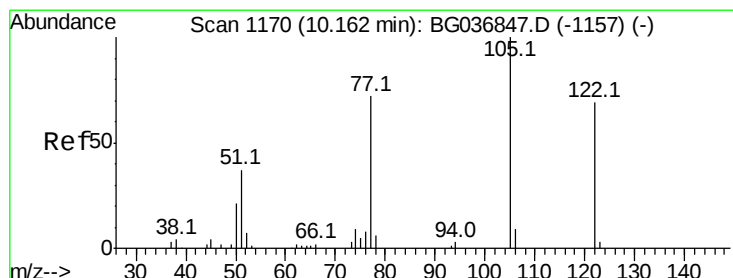
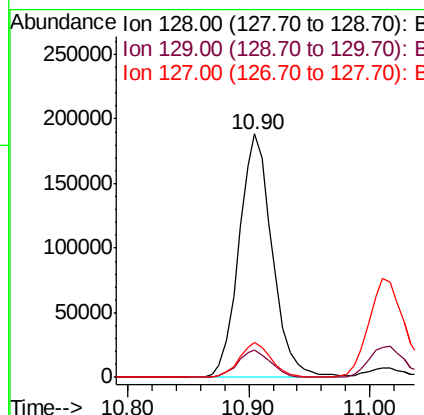
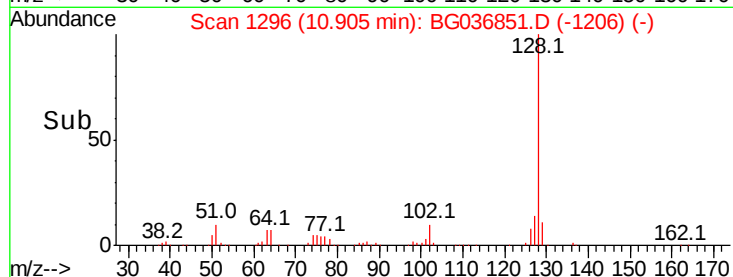
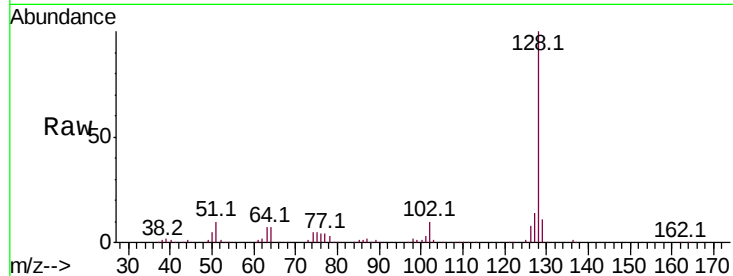
#31
Naphthalene
Concen: 38.657 ng
RT: 10.90 min Scan# 1296
Delta R.T. -0.00 min
Lab File: BG036851.D
Acq: 20 Sep 2018 20:04

Instrument :
BNA_G
ClientSampleId :
ICVBG092018

Tot Ion:128	Resp:	360917
Ion Ratio	Lower	Upper
128	100	
129	11.0	9.4 14.2
127	14.2	11.0 16.4

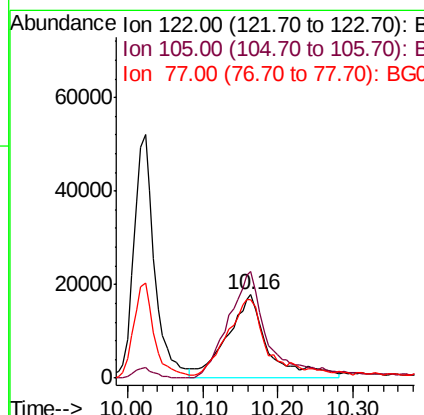
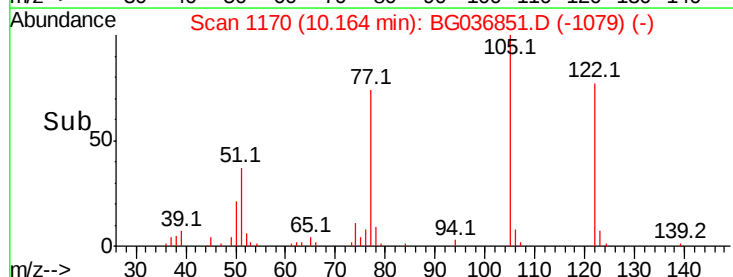
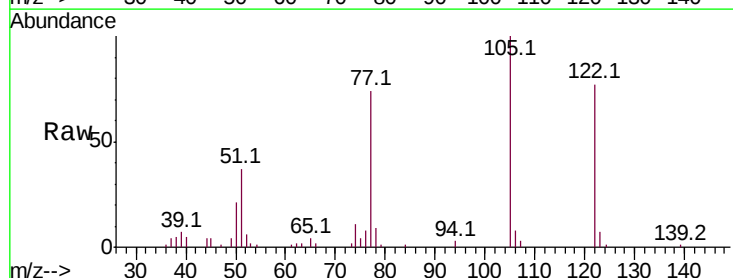
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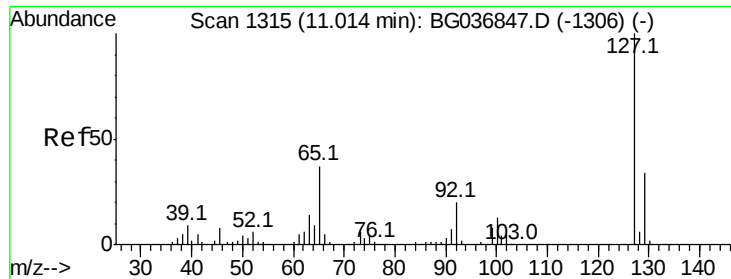
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#32
Benzoic acid
Concen: 37.642 ng m
RT: 10.16 min Scan# 1170
Delta R.T. 0.00 min
Lab File: BG036851.D
Acq: 20 Sep 2018 20:04

Tgt Ion:122	Resp:	67409
Ion Ratio	Lower	Upper
122	100	
105	129.0	108.1 148.1
77	95.1	76.3 116.3





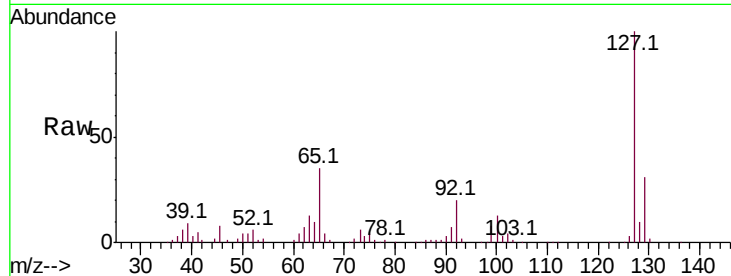
#33
4-Chloroaniline
Concen: 39.083 ng
RT: 11.01 min Scan# 1314
Delta R.T. -0.00 min
Lab File: BG036851.D
Acq: 20 Sep 2018 20:04

Instrument :
BNA_G
ClientSampleId :
ICVBG092018

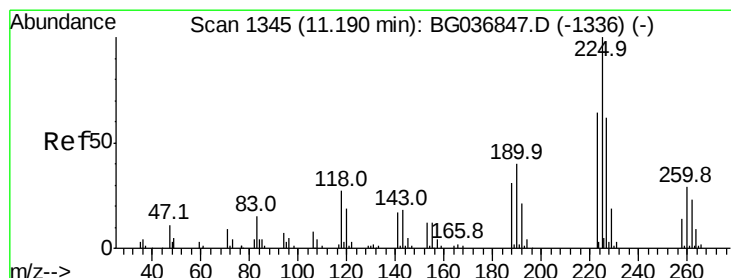
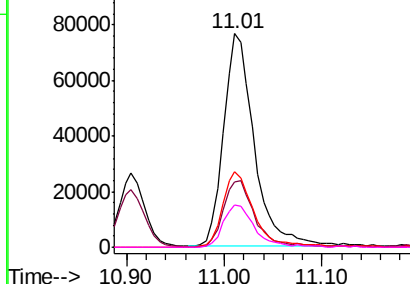
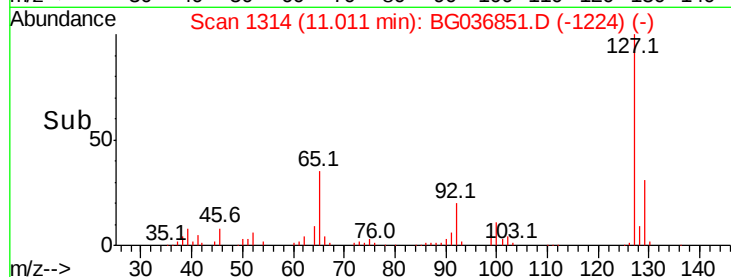
Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	30.5	25.9	38.9	
65	35.4	27.5	41.3	
92	20.0	16.2	24.2	

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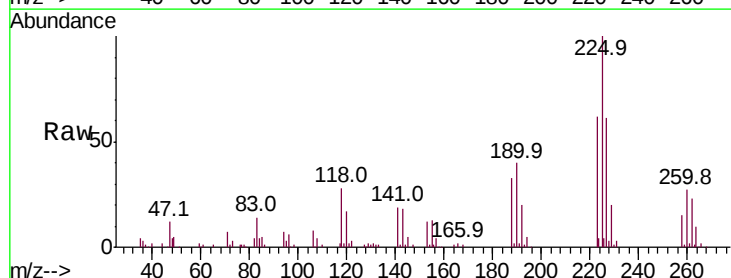


Abundance Ion 127.00 (126.70 to 127.70): E
120000
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGO
Ion 92.00 (91.70 to 92.70): BGO

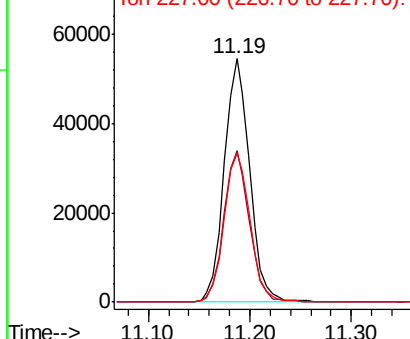
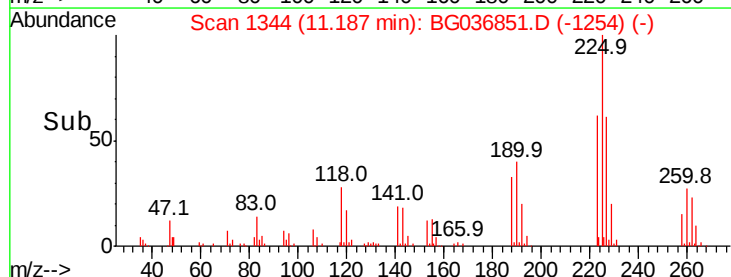


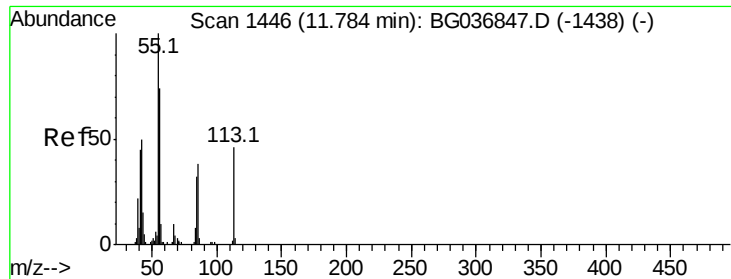
#34
Hexachlorobutadiene
Concen: 38.830 ng
RT: 11.19 min Scan# 1344
Delta R.T. -0.00 min
Lab File: BG036851.D
Acq: 20 Sep 2018 20:04

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.4	51.8	77.8	
227	61.2	49.8	74.6	



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





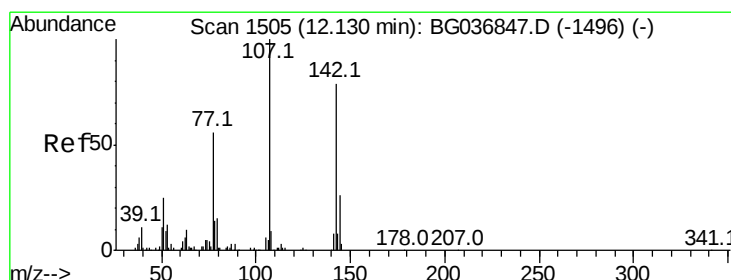
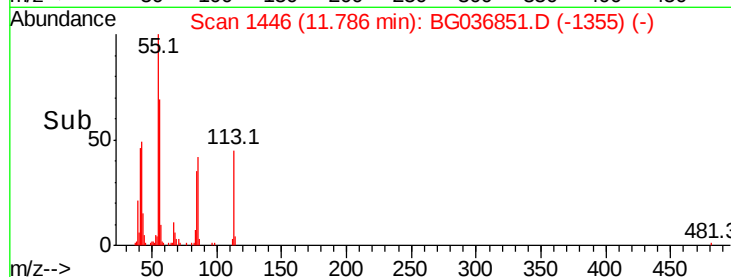
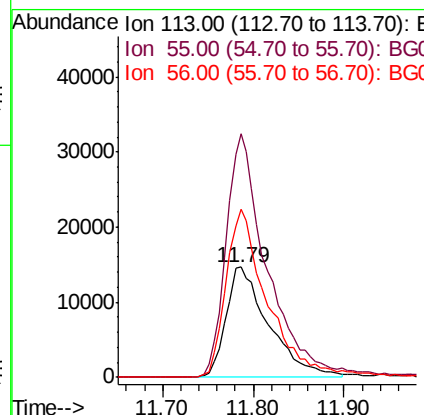
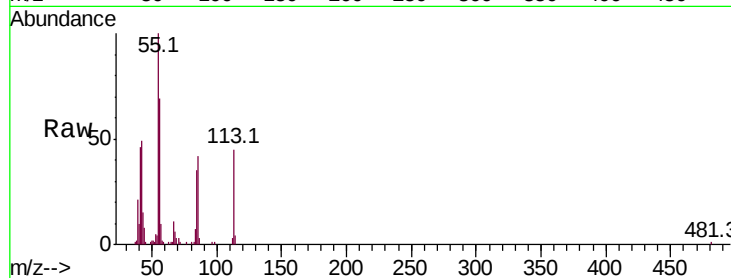
#35
 Caprolactam
 Concen: 41.430 ng
 RT: 11.79 min Scan# 1446
 Delta R.T. 0.00 min
 Lab File: BG036851.D
 Acq: 20 Sep 2018 20:04

Instrument :
 BNA_G
 ClientSampled :
 ICVBG092018

Tot Ion:113 Resp: 48025
 Ion Ratio Lower Upper
 113 100
 55 221.1 197.7 237.7
 56 152.8 131.7 171.7

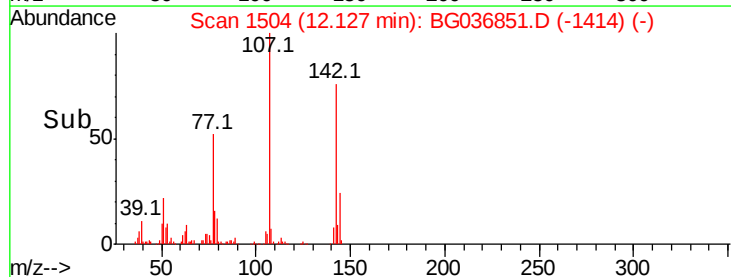
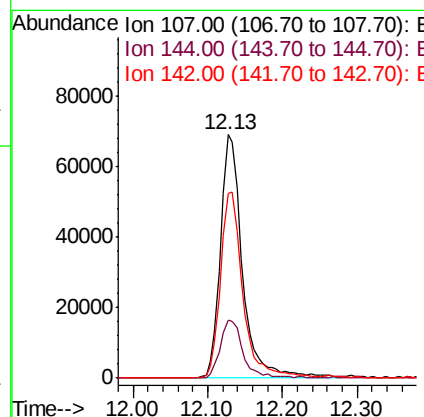
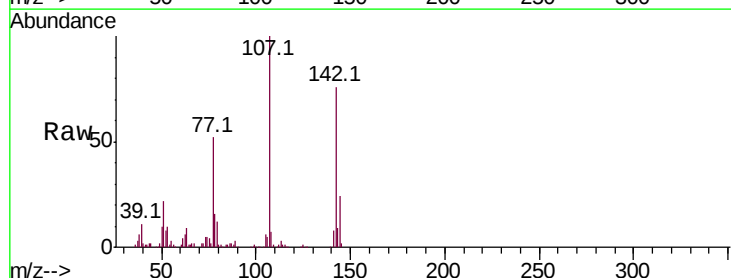
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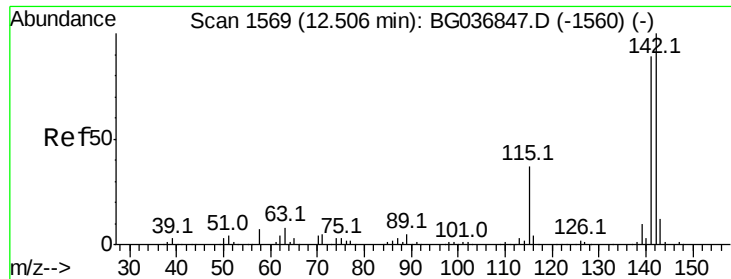
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#36
 4-Chloro-3-methylphenol
 Concen: 42.202 ng
 RT: 12.13 min Scan# 1504
 Delta R.T. -0.00 min
 Lab File: BG036851.D
 Acq: 20 Sep 2018 20:04

Tgt Ion:107 Resp: 141822
 Ion Ratio Lower Upper
 107 100
 144 23.8 19.5 29.3
 142 75.8 62.4 93.6





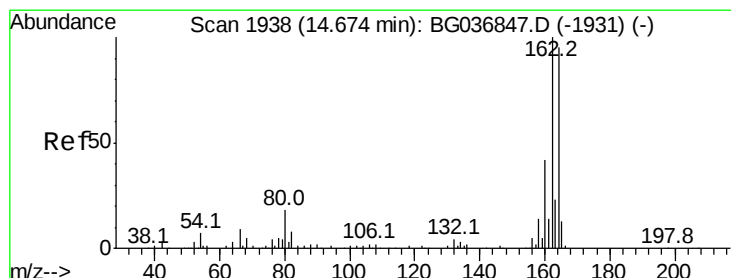
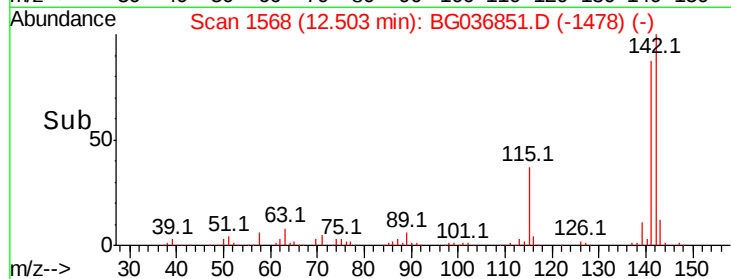
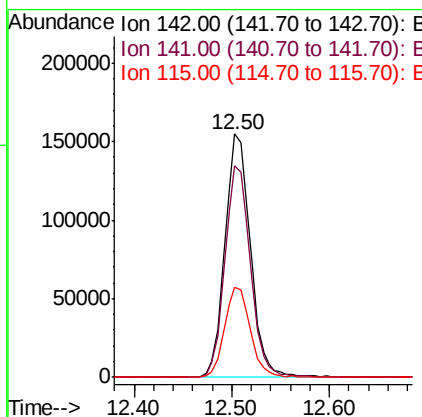
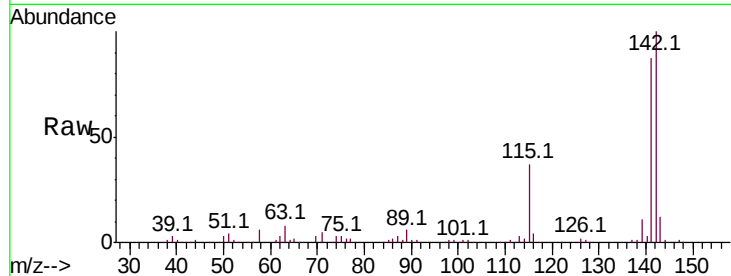
#37
2-Methylnaphthalene
Concen: 39.602 ng
RT: 12.50 min Scan# 1568
Delta R.T. -0.00 min
Lab File: BG036851.D
Acq: 20 Sep 2018 20:04

Instrument :
BNA_G
ClientSampleId :
ICVBG092018

Tot Ion	Ratio	Lower	Upper
142	100		
141	86.9	68.5	102.7
115	36.9	29.8	44.8

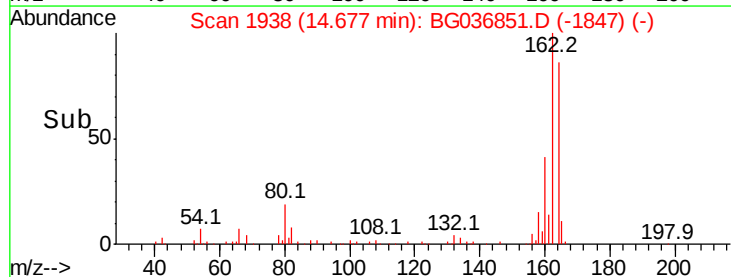
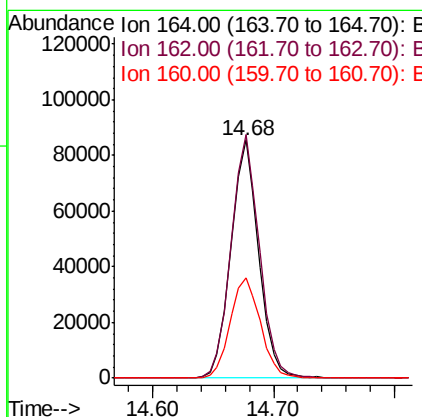
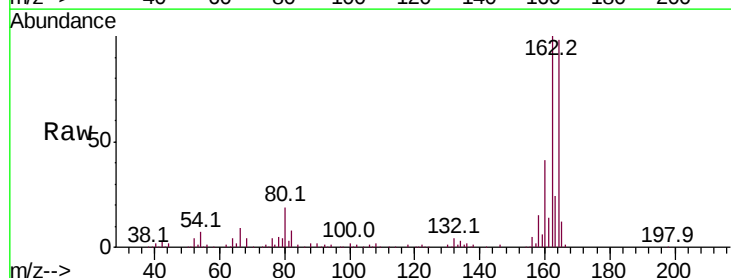
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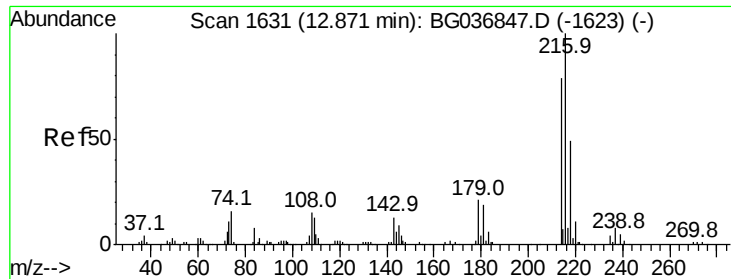
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1938
Delta R.T. 0.00 min
Lab File: BG036851.D
Acq: 20 Sep 2018 20:04

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.3	80.7	121.1
160	42.1	35.3	52.9





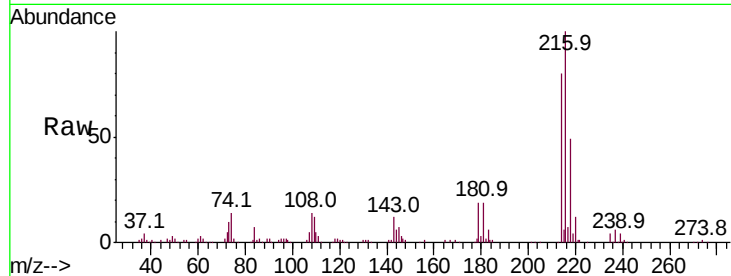
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.169 ng
 RT: 12.87 min Scan# 1631
 Delta R.T. 0.00 min
 Lab File: BG036851.D
 Acq: 20 Sep 2018 20:04

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG092018

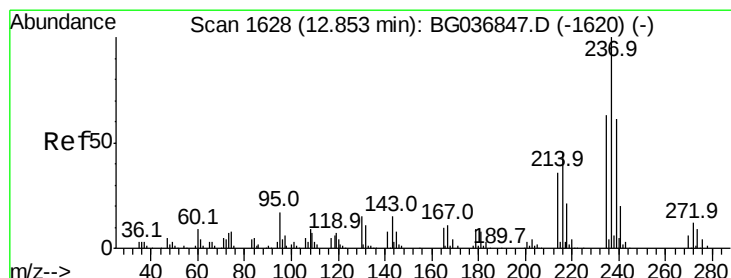
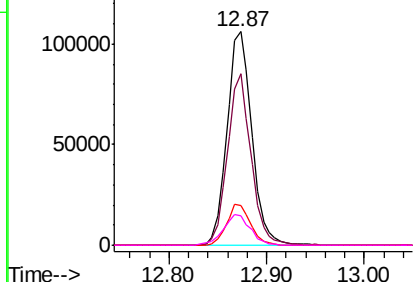
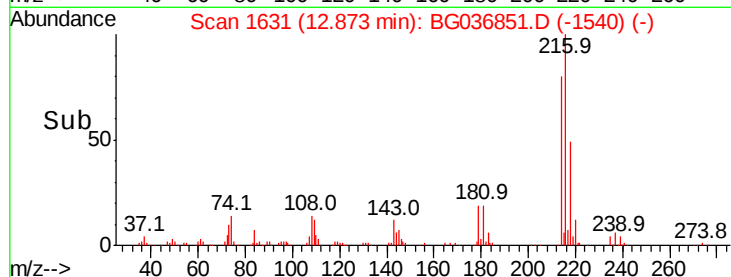
Tot Ion	Ratio	Resp	Lower	Upper
216	100	186342		
214	76.4	61.0	91.6	
179	18.8	15.7	23.5	
108	15.6	13.1	19.7	

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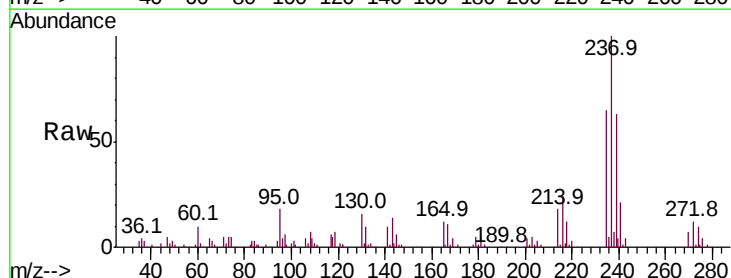


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

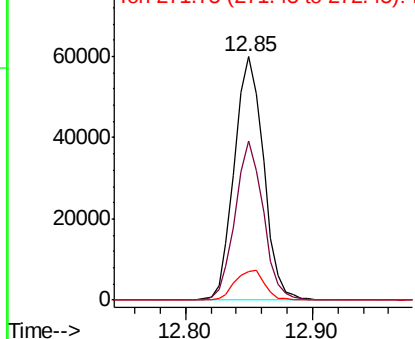
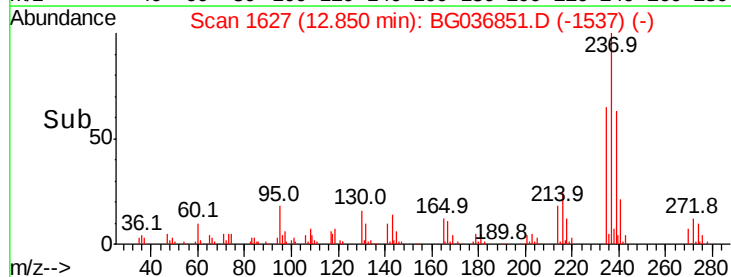


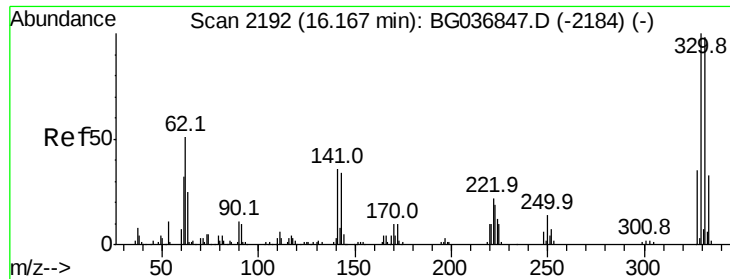
#40
 Hexachlorocyclopentadiene
 Concen: 39.148 ng
 RT: 12.85 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: BG036851.D
 Acq: 20 Sep 2018 20:04

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	95786		
235	65.2	42.2	82.2	
272	11.5	0.0	32.1	



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





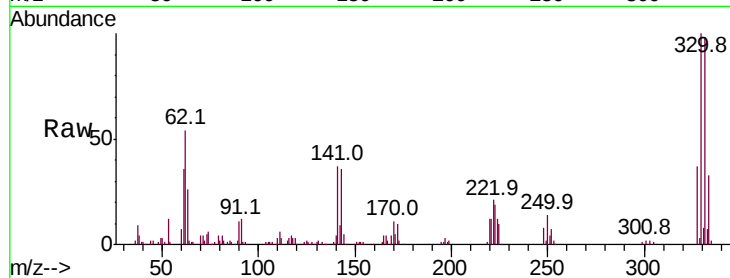
#41
 2,4,6-Tribromophenol
 Concen: 81.386 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.00 min
 Lab File: BG036851.D
 Acq: 20 Sep 2018 20:04

Instrument :
 BNA_G
 ClientSampled :
 ICVBG092018

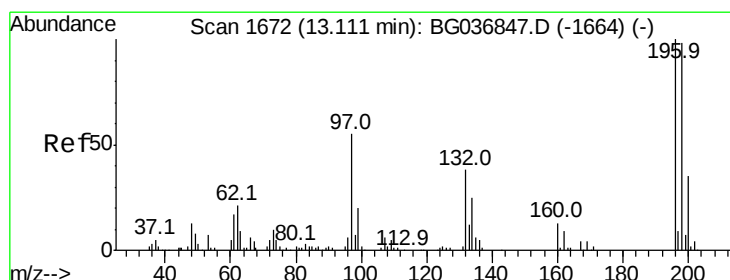
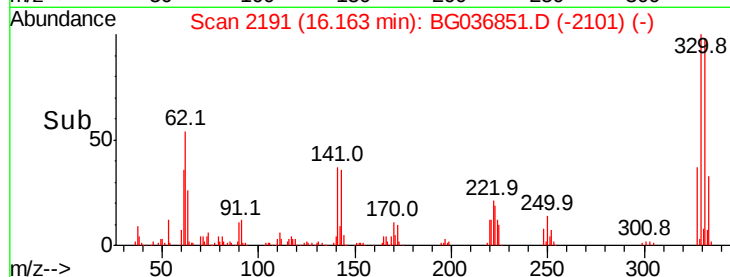
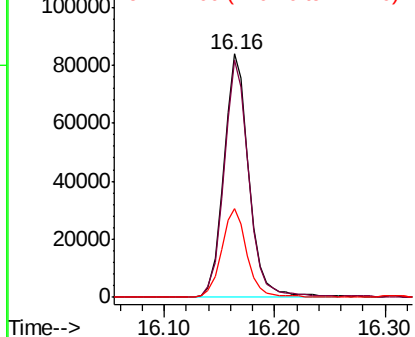
Tot Ion	Ratio	Resp	Lower	Upper
330	100	132819		
332	96.9	75.4	113.2	
141	36.7	30.7	46.1	

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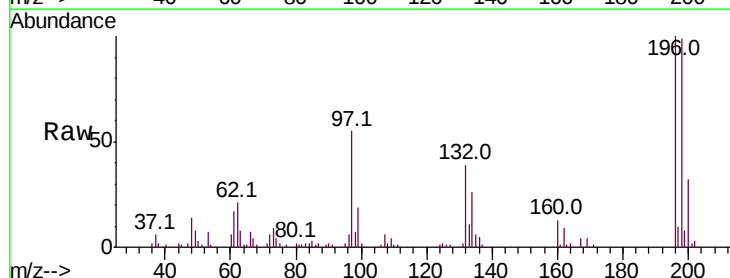


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

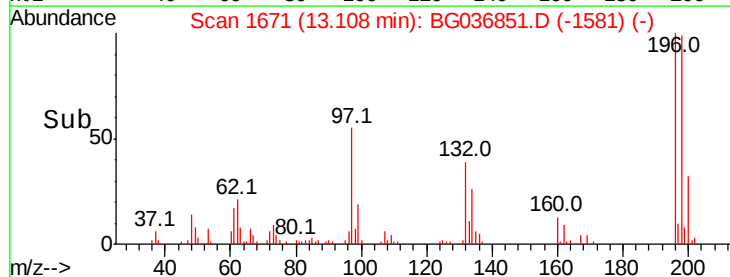
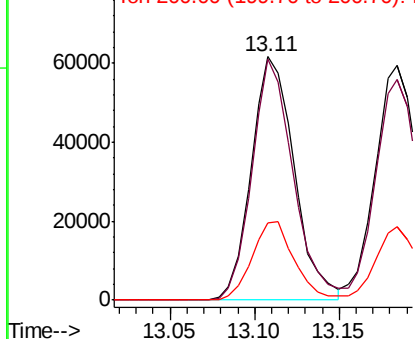


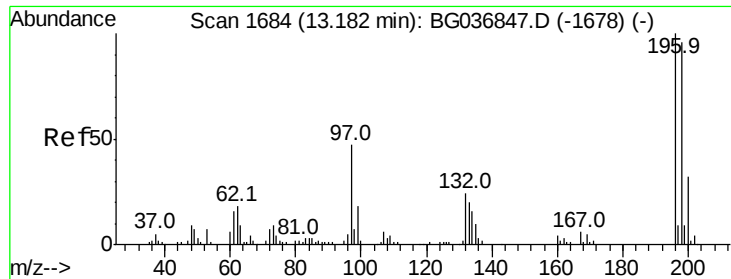
#42
 2,4,6-Trichlorophenol
 Concen: 41.281 ng
 RT: 13.11 min Scan# 1671
 Delta R.T. -0.00 min
 Lab File: BG036851.D
 Acq: 20 Sep 2018 20:04

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	109058		
198	99.3	77.2	115.8	
200	31.6	26.3	39.5	



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





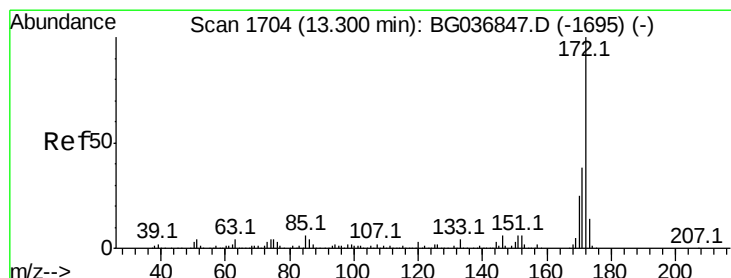
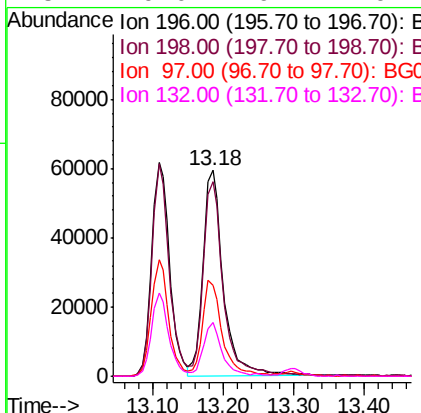
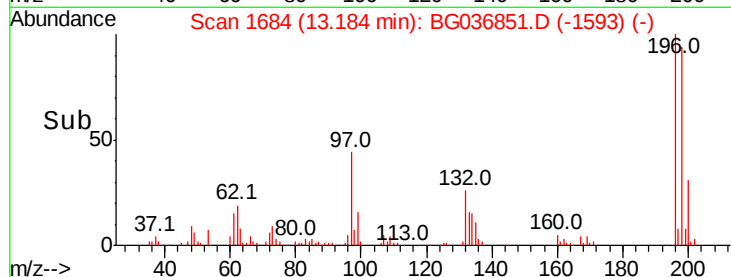
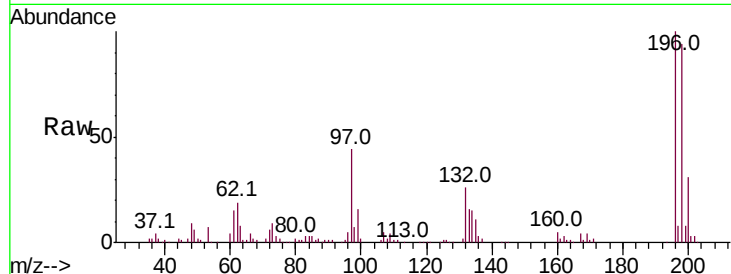
#43
 2,4,5-Trichlorophenol
 Concen: 42.441 ng
 RT: 13.18 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: BG036851.D
 Acq: 20 Sep 2018 20:04

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG092018

Tot Ion	Ratio	Resp	Lower	Upper
196	100	119555		
198	94.1	75.6	113.4	
97	44.0	37.2	55.8	
132	26.0	19.4	29.2	

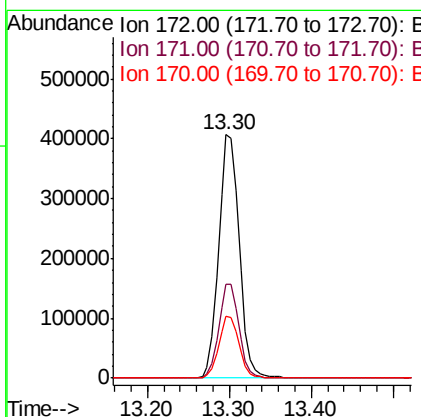
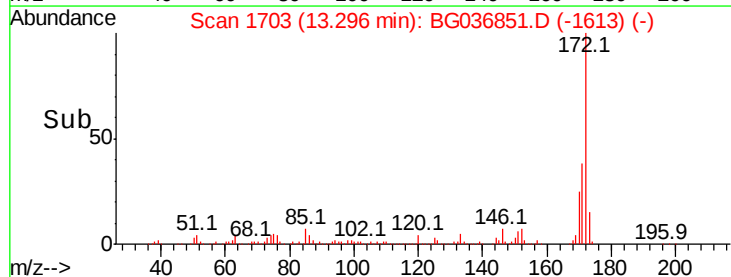
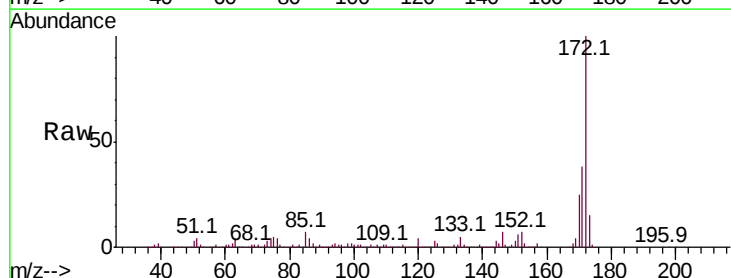
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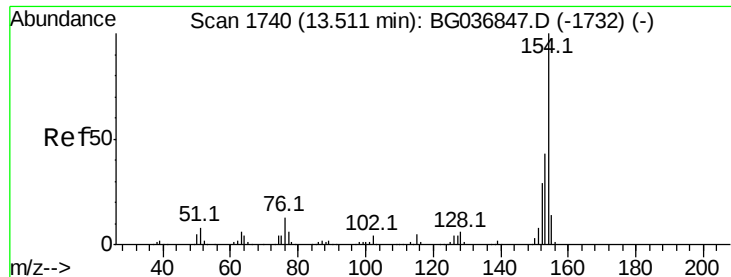
Sohil
 9/21/2018 10:49:08 AM



#44
 2-Fluorobiphenyl
 Concen: 77.810 ng
 RT: 13.30 min Scan# 1703
 Delta R.T. -0.00 min
 Lab File: BG036851.D
 Acq: 20 Sep 2018 20:04

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	712600		
171	38.4	31.3	46.9	
170	25.3	21.0	31.6	





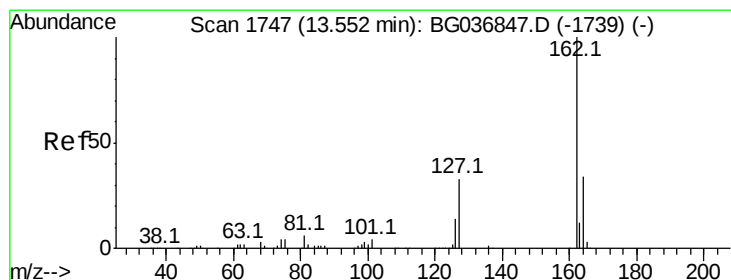
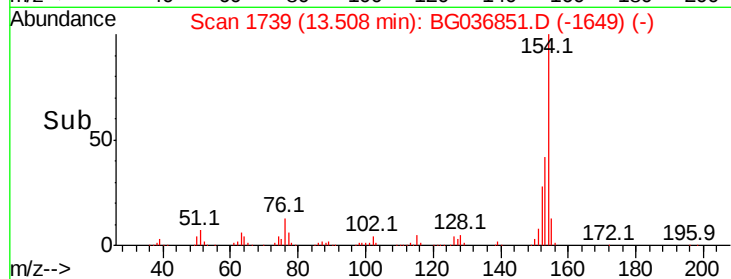
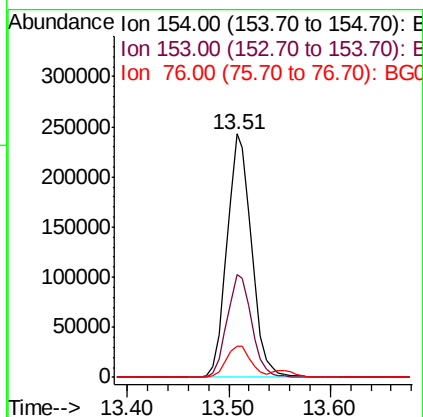
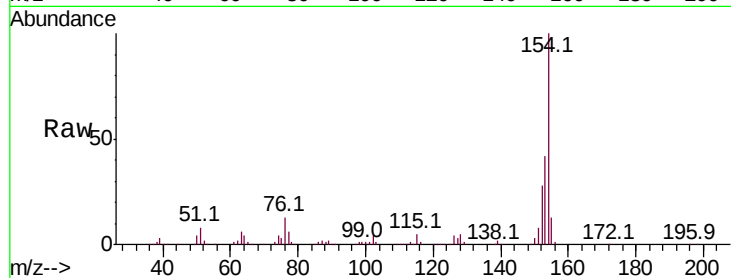
#45
1,1'-Biphenyl
Concen: 38.904 ng
RT: 13.51 min Scan# 1739
Delta R.T. -0.00 min
Lab File: BG036851.D
Acq: 20 Sep 2018 20:04

Instrument :
BNA_G
ClientSampleId :
ICVBG092018

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	42.3	24.0	64.0	
76	12.5	0.0	32.9	

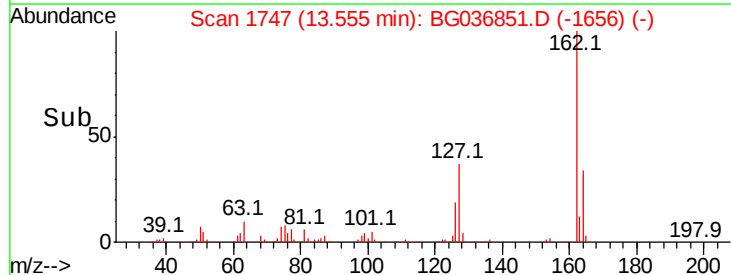
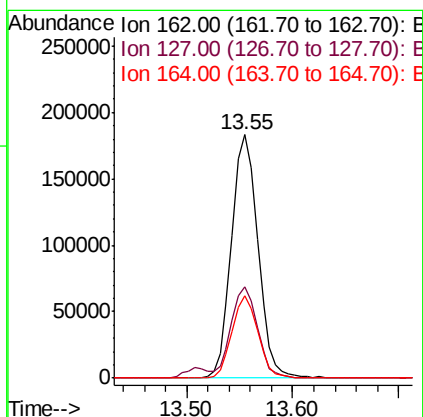
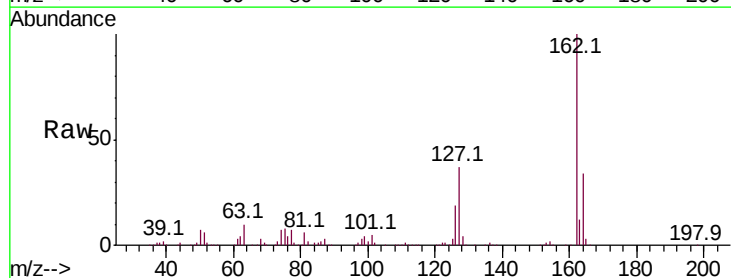
Manual Integrations
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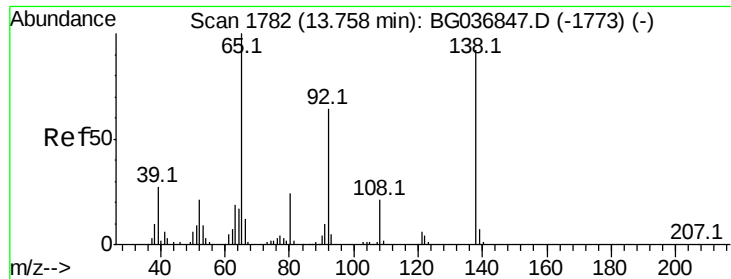
Sohil
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#46
2-Chloronaphthalene
Concen: 38.751 ng
RT: 13.55 min Scan# 1747
Delta R.T. 0.00 min
Lab File: BG036851.D
Acq: 20 Sep 2018 20:04

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	37.5	30.7	46.1	
164	33.7	26.7	40.1	





#47

2-Nitroaniline

Concen: 39.657 ng

RT: 13.76 min Scan# 1782

Delta R.T. 0.00 min

Lab File: BG036851.D

Acq: 20 Sep 2018 20:04

Instrument :

BNA_G

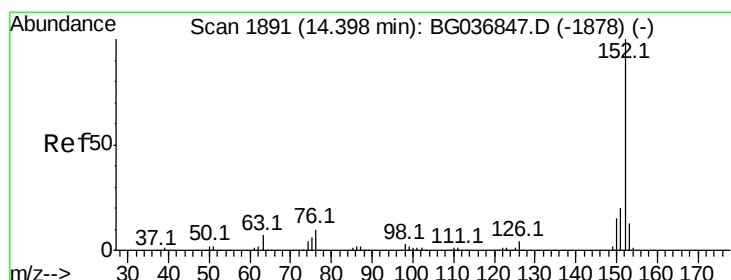
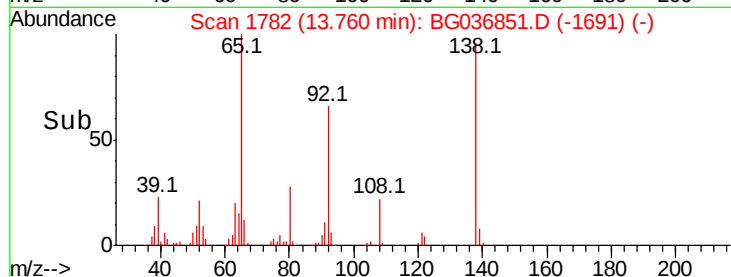
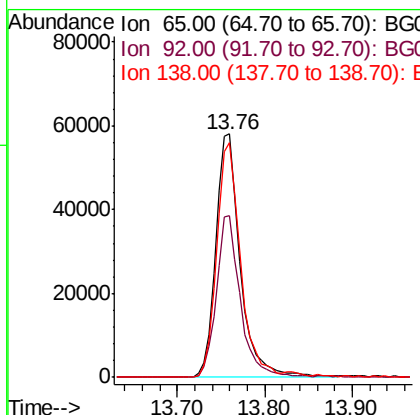
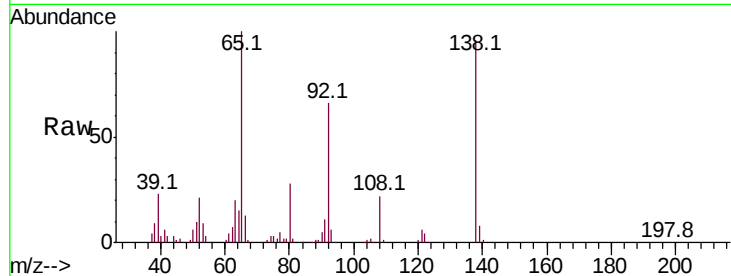
ClientSampleId :

ICVBG092018

Tot Ion:	65	Resp:	112684
Ion Ratio	Lower	Upper	
65	100		
92	66.3	49.9	74.9
138	96.3	76.2	114.4

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#48

Acenaphthylene

Concen: 39.119 ng

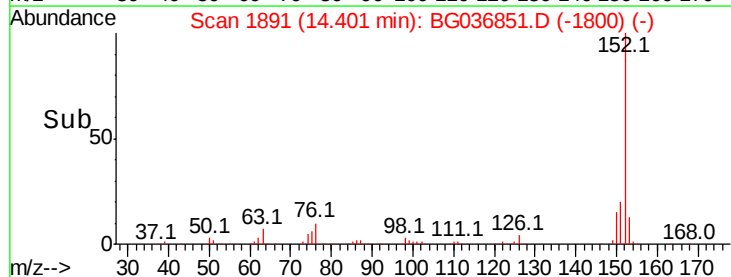
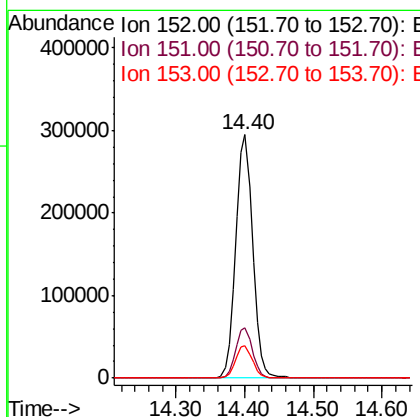
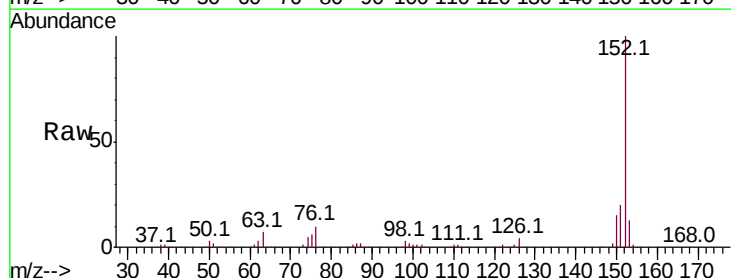
RT: 14.40 min Scan# 1891

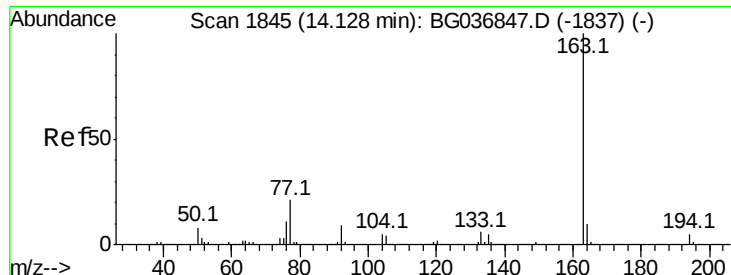
Delta R.T. 0.00 min

Lab File: BG036851.D

Acq: 20 Sep 2018 20:04

Tgt Ion:	152	Resp:	503593
Ion Ratio	Lower	Upper	
152	100		
151	20.5	16.9	25.3
153	13.4	11.2	16.8





#49

Dimethylphthalate

Concen: 38.975 ng

RT: 14.13 min Scan# 1845

Delta R.T. 0.00 min

Lab File: BG036851.D

Acq: 20 Sep 2018 20:04

Instrument :

BNA_G

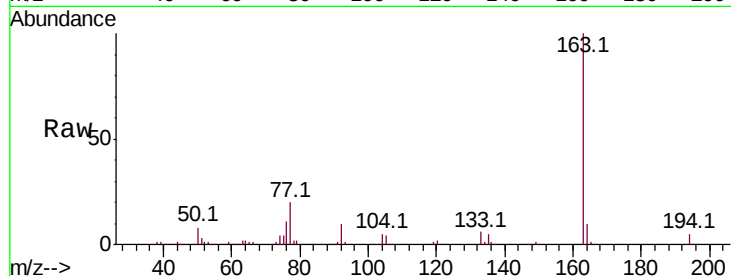
ClientSampleId :

ICVBG092018

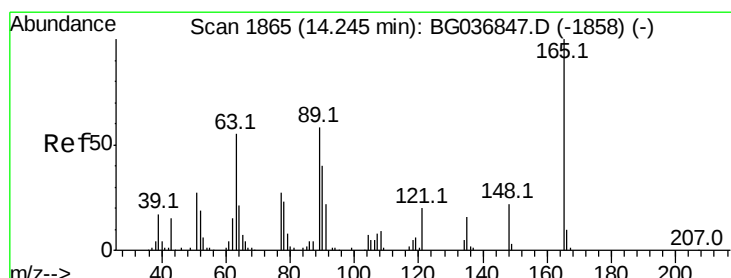
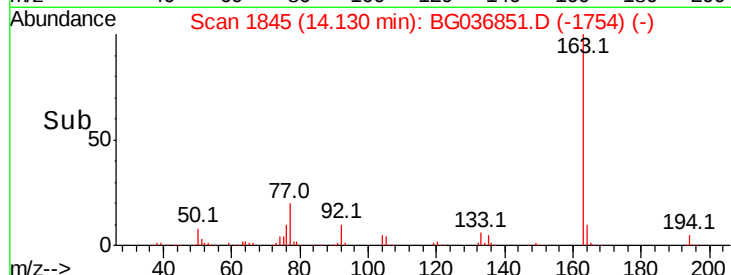
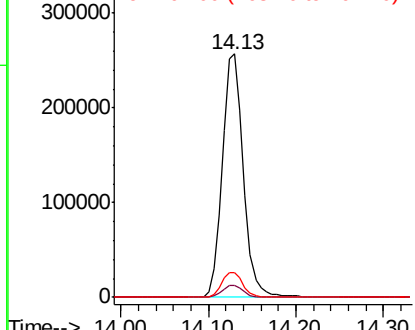
Tot Ion:	163	Resp:	427918
Ion Ratio	Lower	Upper	
163	100		
194	5.1	4.0	6.0
164	10.1	8.1	12.1

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Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 40.450 ng

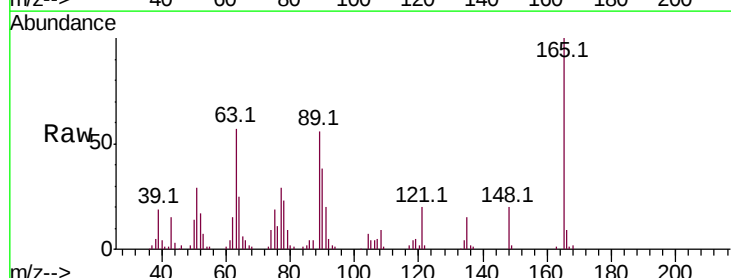
RT: 14.25 min Scan# 1865

Delta R.T. 0.00 min

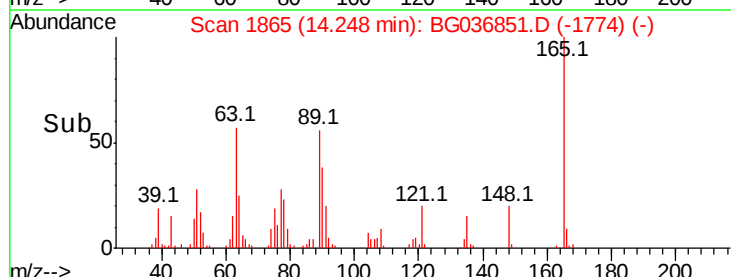
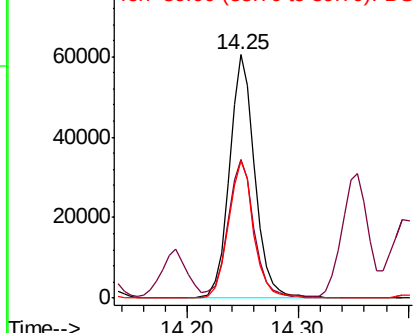
Lab File: BG036851.D

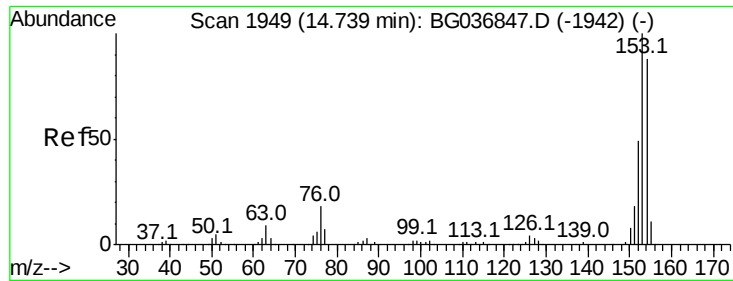
Acq: 20 Sep 2018 20:04

Tgt Ion:	165	Resp:	96899
Ion Ratio	Lower	Upper	
165	100		
63	57.1	50.1	75.1
89	56.4	47.8	71.6



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG





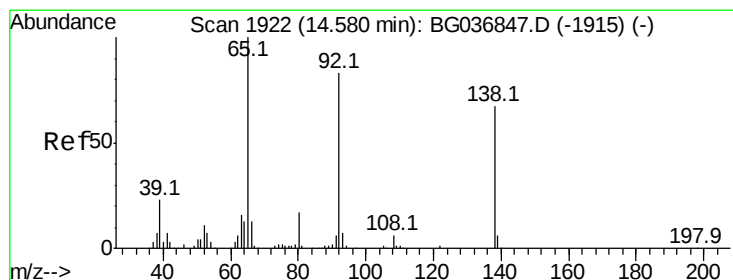
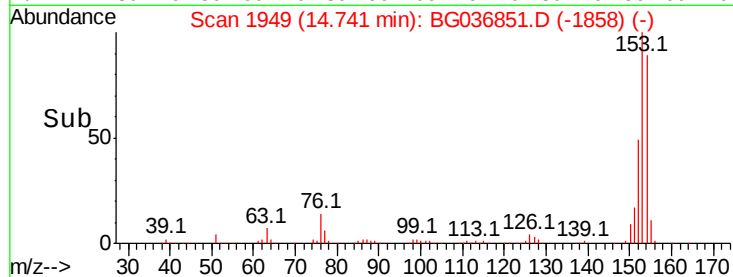
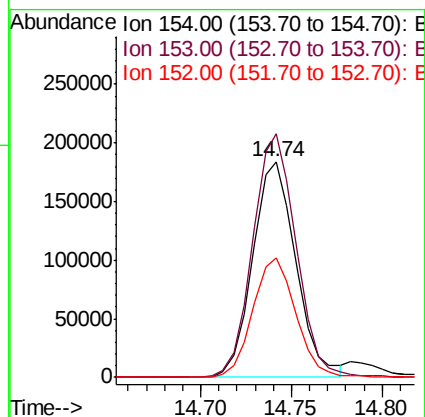
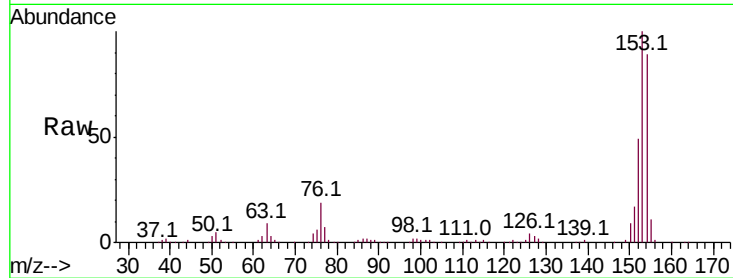
#51
Acenaphthene
Concen: 39.246 ng
RT: 14.74 min Scan# 1949
Delta R.T. 0.00 min
Lab File: BG036851.D
Acq: 20 Sep 2018 20:04

Instrument :
BNA_G
ClientSampleId :
ICVBG092018

Tot Ion	Ratio	Lower	Upper
154	100		
153	112.8	91.8	137.6
152	55.5	43.5	65.3

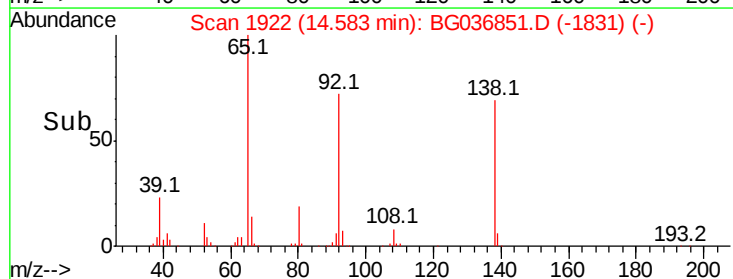
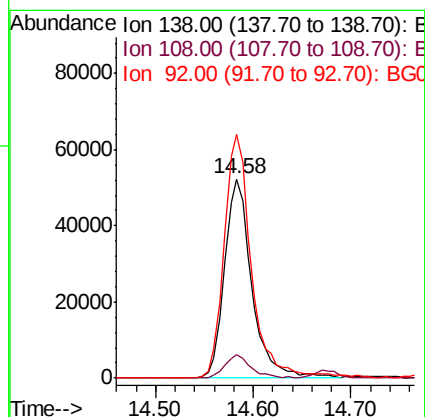
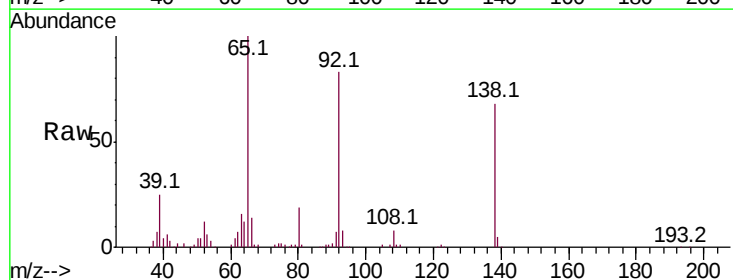
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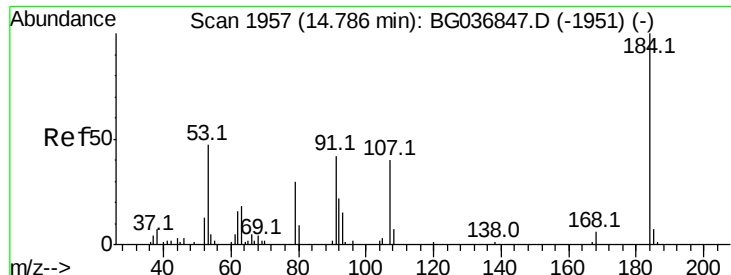
Sohil
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#52
3-Nitroaniline
Concen: 40.231 ng
RT: 14.58 min Scan# 1922
Delta R.T. 0.00 min
Lab File: BG036851.D
Acq: 20 Sep 2018 20:04

Tgt Ion	Ratio	Lower	Upper
138	100		
108	11.6	9.4	14.2
92	122.1	96.8	145.2





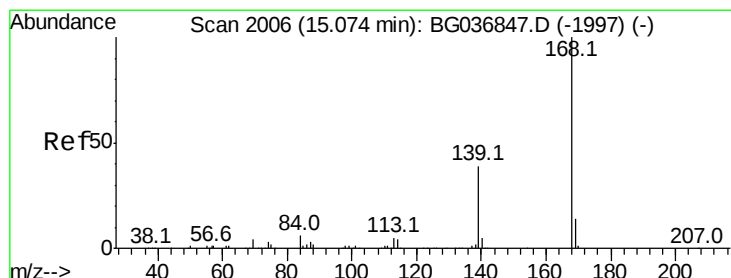
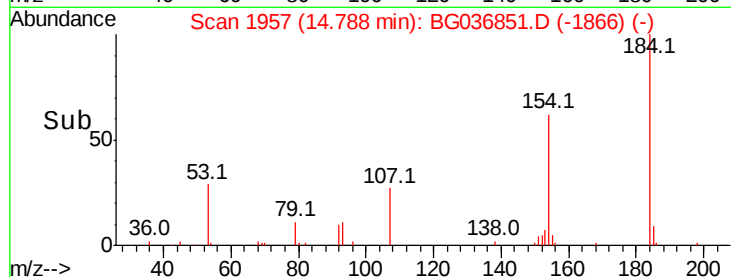
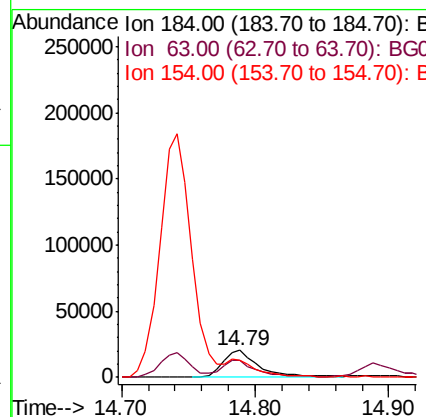
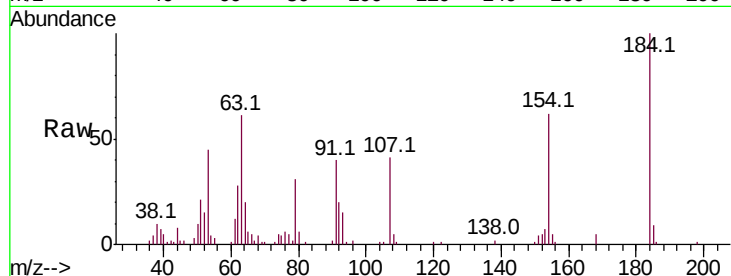
#53
 2,4-Dinitrophenol
 Concen: 39.056 ng
 RT: 14.79 min Scan# 1957
 Delta R.T. 0.00 min
 Lab File: BG036851.D
 Acq: 20 Sep 2018 20:04

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG092018

Tot Ion	Ratio	Lower	Upper
184	100		
63	60.9	47.3	70.9
154	62.2	51.1	76.7

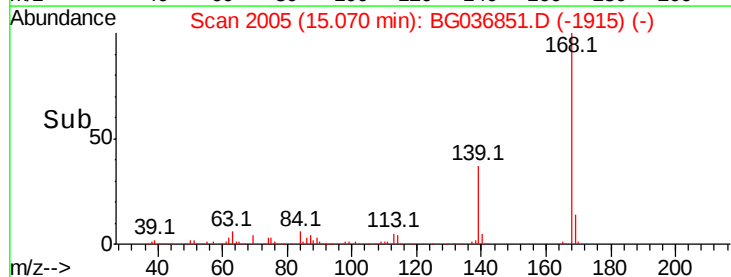
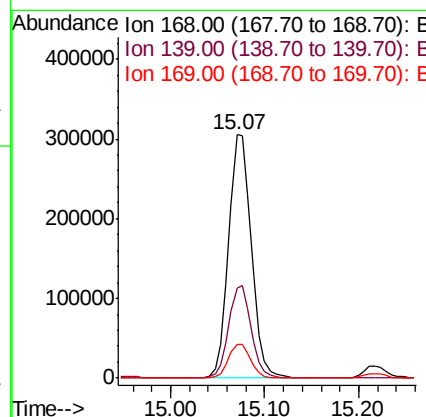
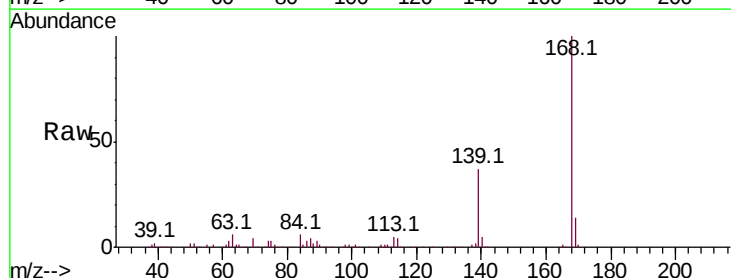
Manual Integrations
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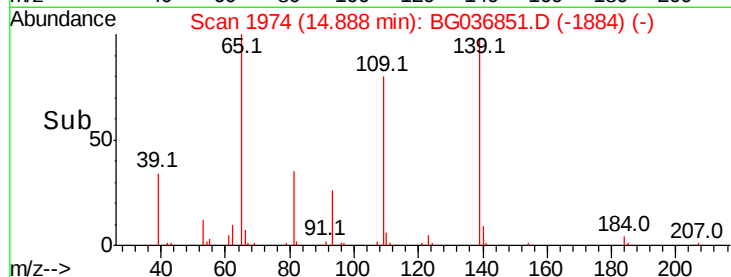
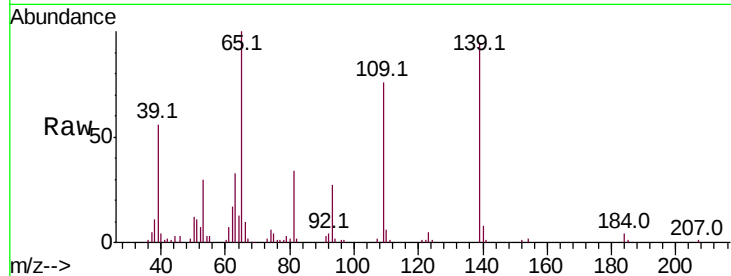
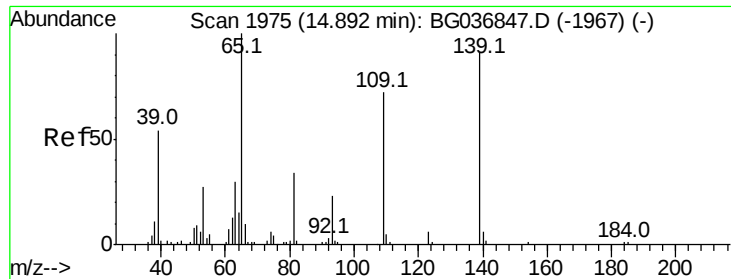
Sohil
 9/21/2018 10:49:08 AM



#54
 Dibenzofuran
 Concen: 39.063 ng
 RT: 15.07 min Scan# 2005
 Delta R.T. -0.00 min
 Lab File: BG036851.D
 Acq: 20 Sep 2018 20:04

Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.2	31.0	46.6
169	13.9	11.1	16.7





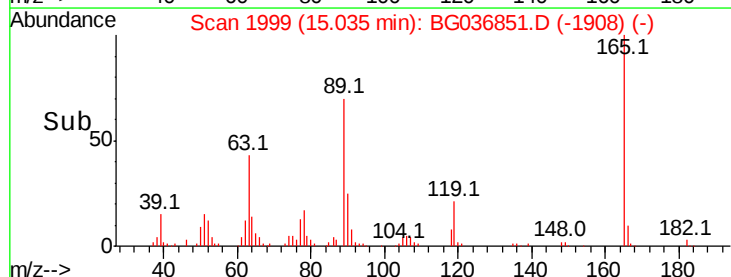
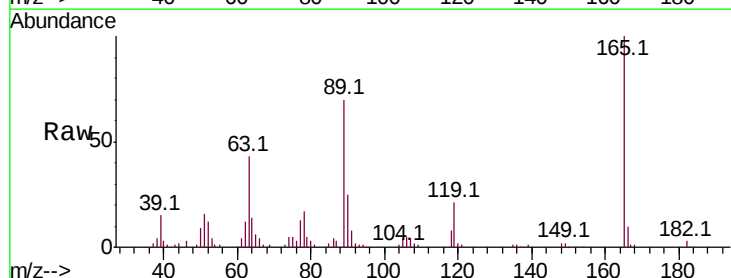
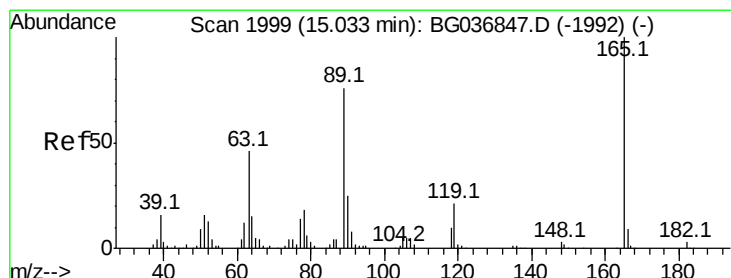
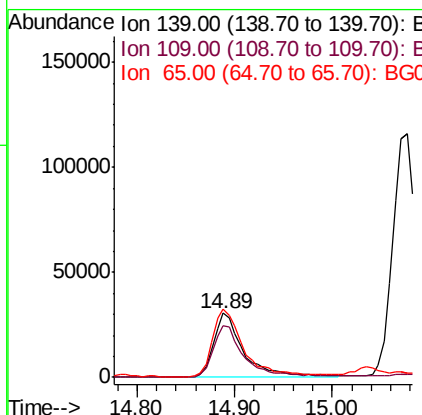
#55
4-Nitrophenol
Concen: 40.642 ng
RT: 14.89 min Scan# 1974
Delta R.T. -0.00 min
Lab File: BG036851.D
Acq: 20 Sep 2018 20:04

Instrument :
BNA_G
ClientSampleId :
ICVBG092018

Tot Ion	Ratio	Lower	Upper
139	100		
109	81.2	63.9	103.9
65	106.4	90.0	130.0

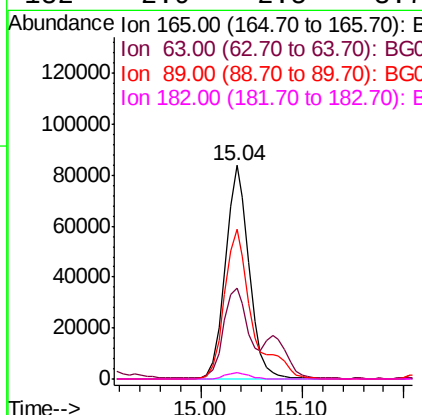
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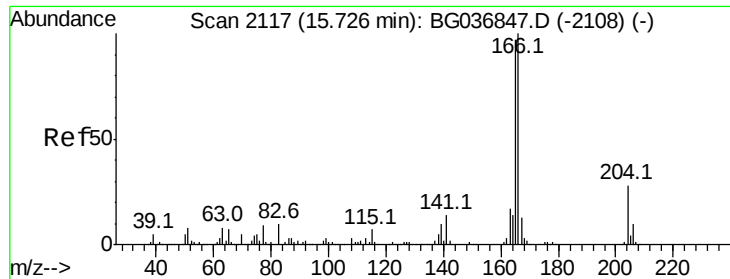
Sohil
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#56
2,4-Dinitrotoluene
Concen: 40.410 ng
RT: 15.04 min Scan# 1999
Delta R.T. 0.00 min
Lab File: BG036851.D
Acq: 20 Sep 2018 20:04

Tgt Ion	Ratio	Lower	Upper
165	100		
63	42.8	40.1	60.1
89	70.0	63.7	95.5
182	2.9	2.5	3.7





#57

Fluorene

Concen: 38.733 ng

RT: 15.72 min Scan# 2116

Delta R.T. -0.00 min

Lab File: BG036851.D

Acq: 20 Sep 2018 20:04

Instrument :

BNA_G

ClientSampleId :

ICVBG092018

Tot Ion:166 Resp: 380991

Ion Ratio Lower Upper

166 100

165 97.8 77.0 115.4

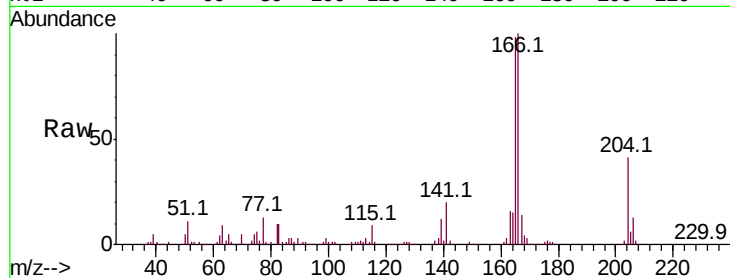
167 13.7 10.6 16.0

Manual Integrations

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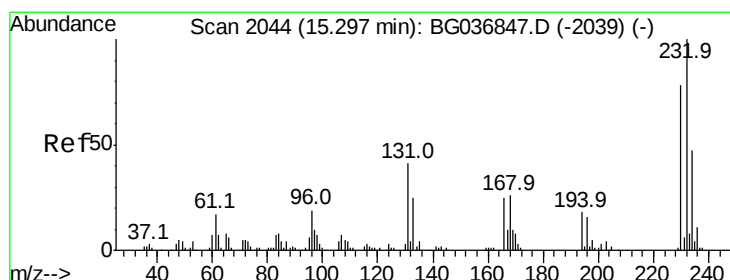
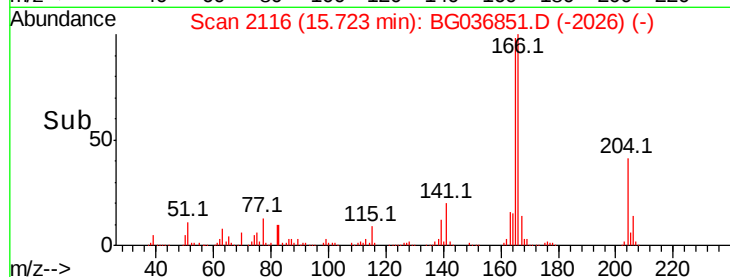
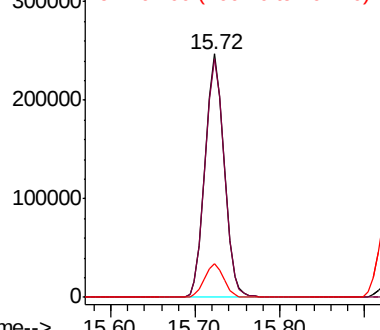


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 39.736 ng

RT: 15.30 min Scan# 2044

Delta R.T. 0.00 min

Lab File: BG036851.D

Acq: 20 Sep 2018 20:04

Tgt Ion:232 Resp: 113553

Ion Ratio Lower Upper

232 100

131 39.9 33.8 50.8

130 2.3 2.1 3.1

166 29.3 22.3 33.5

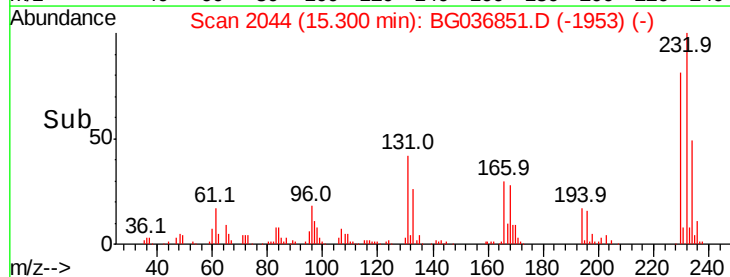
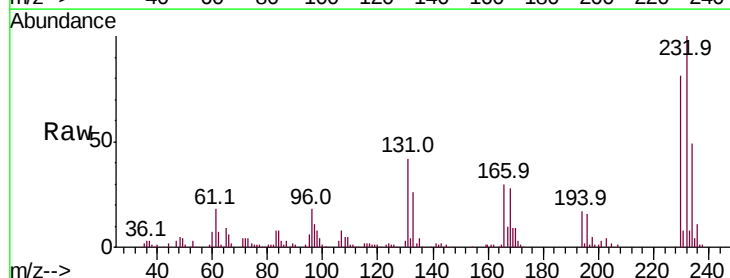
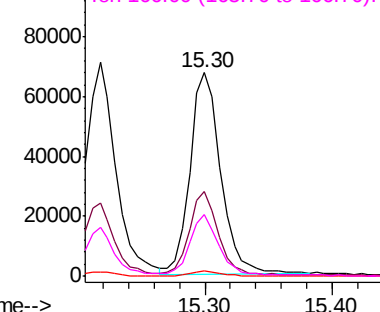
Abundance

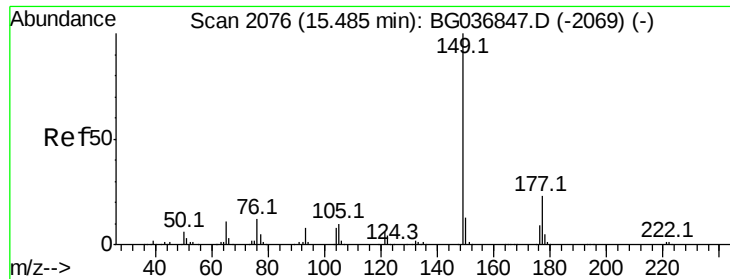
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





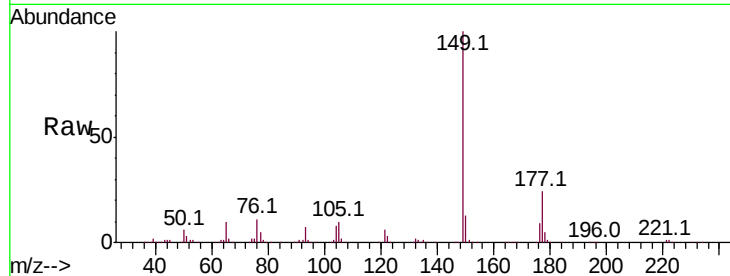
#59
Diethylphthalate
Concen: 38.446 ng
RT: 15.49 min Scan# 2076
Delta R.T. 0.00 min
Lab File: BG036851.D
Acq: 20 Sep 2018 20:04

Instrument :
BNA_G
ClientSampleId :
ICVBG092018

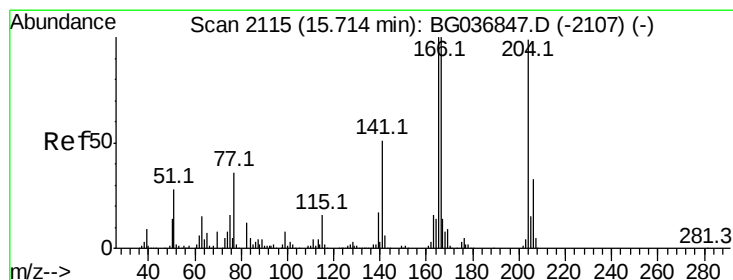
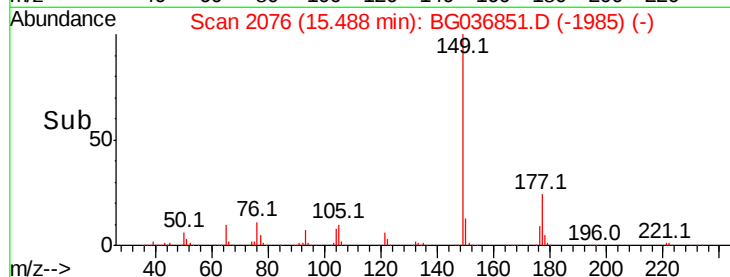
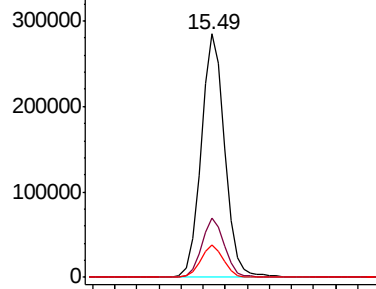
Tot Ion	Ion	Ratio	Resp	Lower	Upper
149	100		425744		
177	24.4		19.1	28.7	
150	13.5		10.7	16.1	

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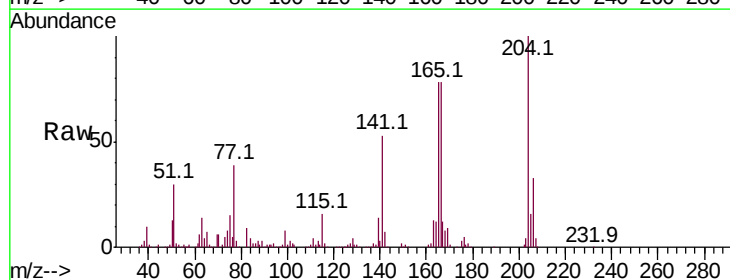


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

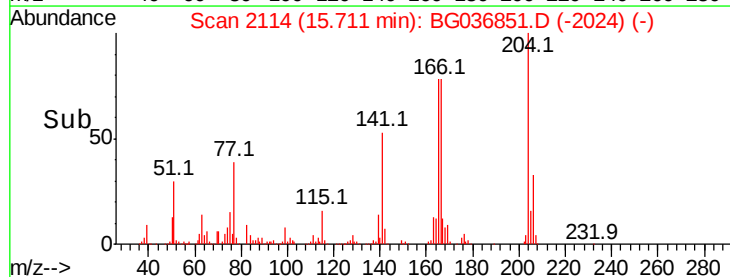
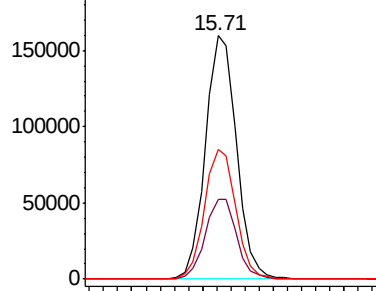


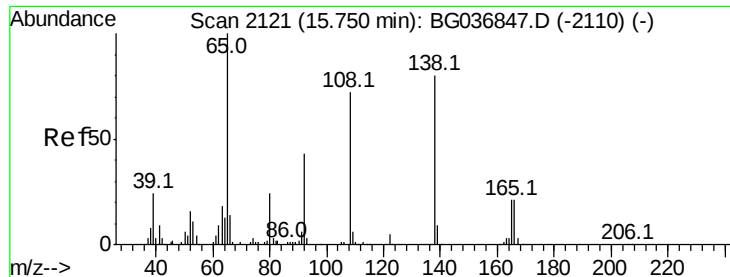
#60
4-Chlorophenyl-phenylether
Concen: 39.285 ng
RT: 15.71 min Scan# 2114
Delta R.T. -0.00 min
Lab File: BG036851.D
Acq: 20 Sep 2018 20:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
204	100		244715		
206	32.8		27.0	40.4	
141	53.5		43.8	65.6	



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





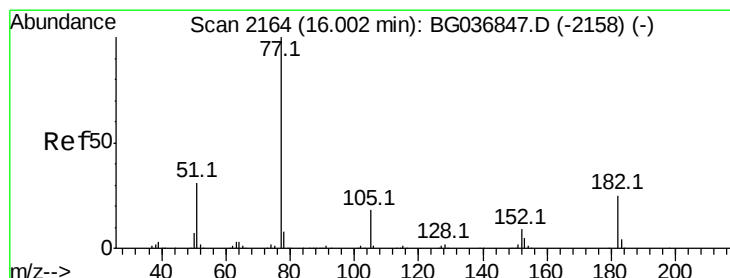
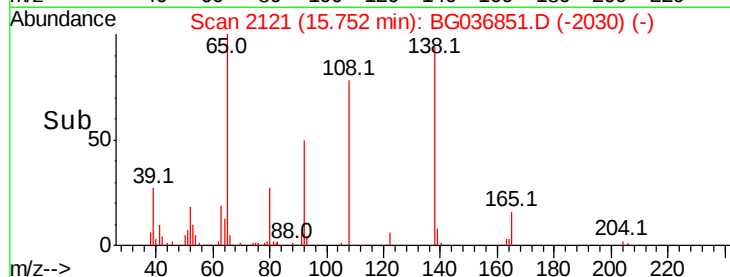
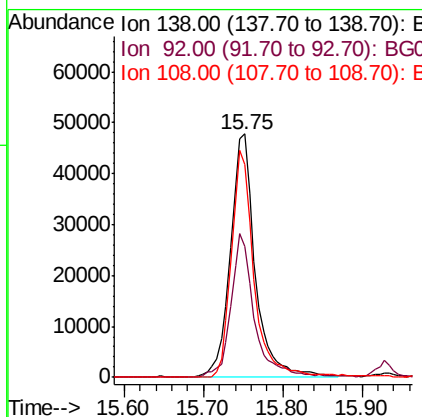
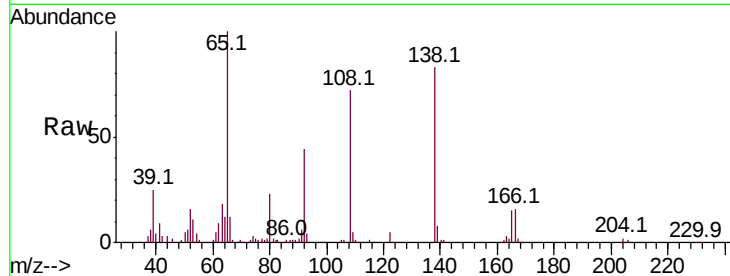
#61
4-Nitroaniline
Concen: 39.244 ng
RT: 15.75 min Scan# 2121
Delta R.T. 0.00 min
Lab File: BG036851.D
Acq: 20 Sep 2018 20:04

Instrument :
BNA_G
ClientSampleId :
ICVBG092018

Tot Ion	Ratio	Lower	Upper
138	100		
92	53.7	38.5	78.5
108	87.4	70.3	110.3

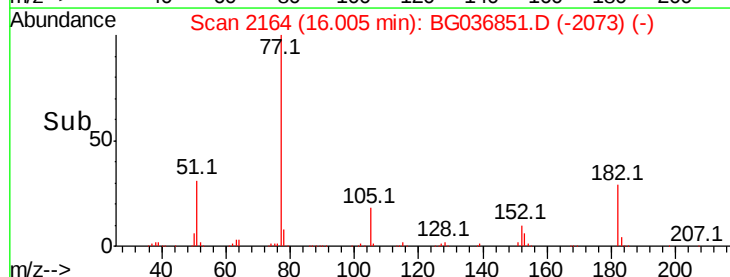
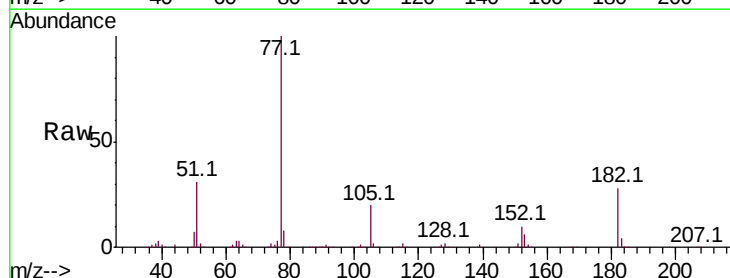
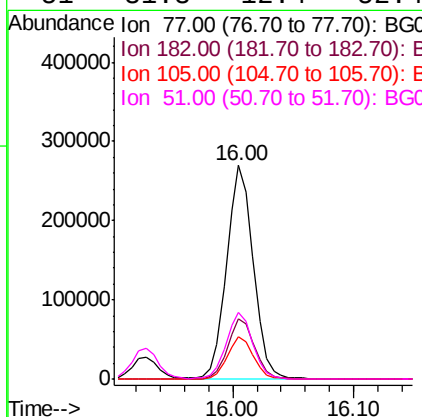
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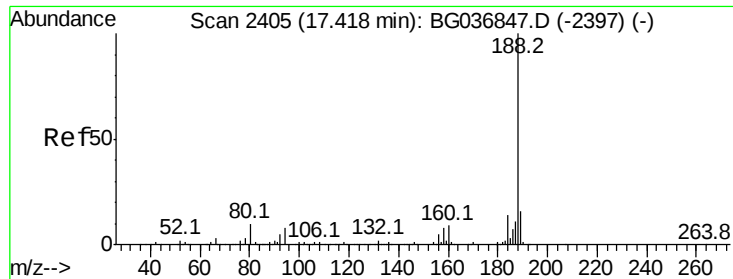
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#62
Azobenzene
Concen: 38.582 ng
RT: 16.00 min Scan# 2164
Delta R.T. 0.00 min
Lab File: BG036851.D
Acq: 20 Sep 2018 20:04

Tgt Ion	Ratio	Lower	Upper
77	100		
182	28.4	6.7	46.7
105	19.9	0.0	39.8
51	31.3	12.4	52.4





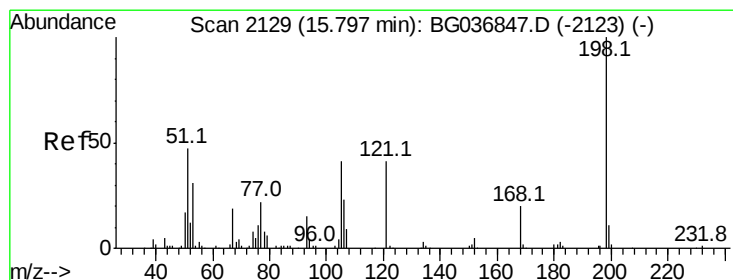
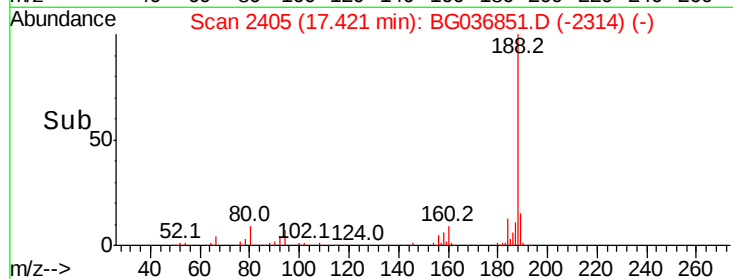
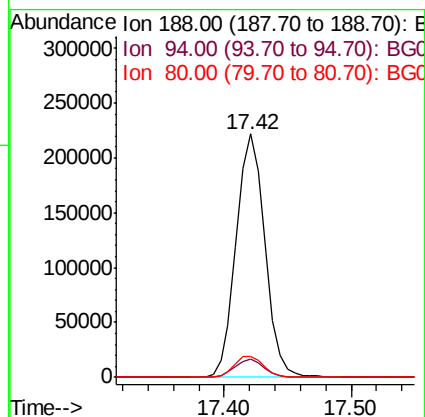
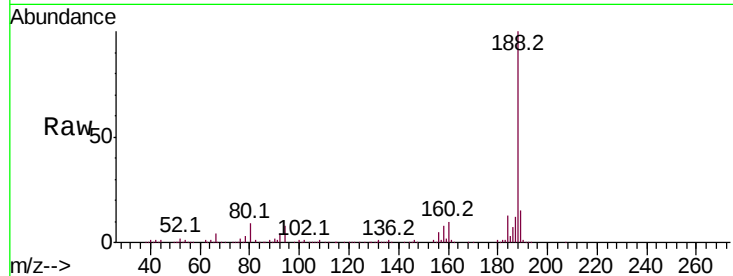
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. 0.00 min
Lab File: BG036851.D
Acq: 20 Sep 2018 20:04

Instrument :
BNA_G
ClientSampleId :
ICVBG092018

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	7.7	6.7	10.1	
80	8.8	8.1	12.1	

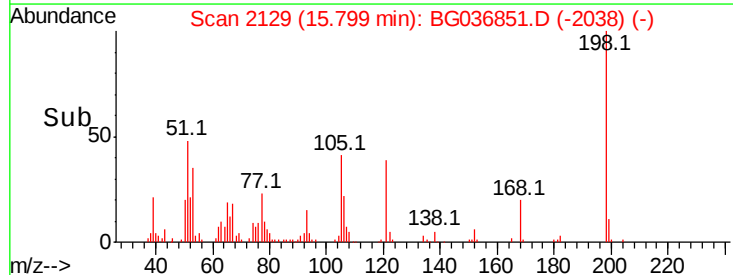
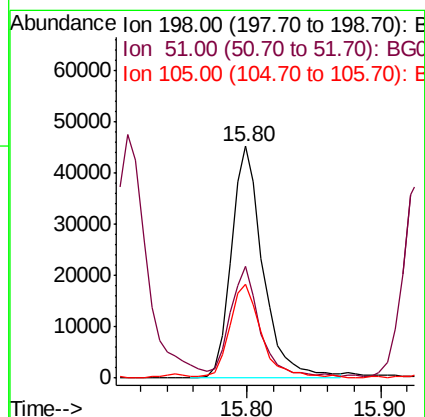
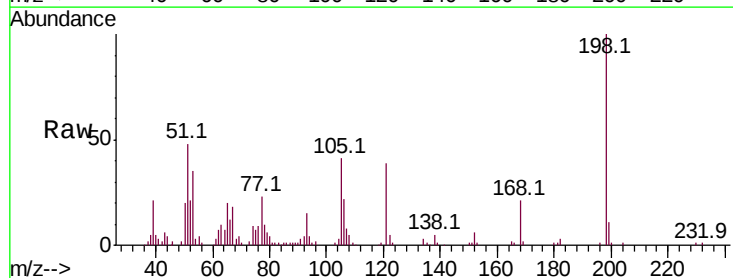
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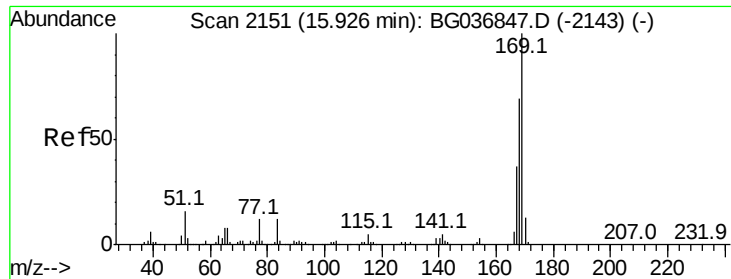
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#64
4,6-Dinitro-2-methylphenol
Concen: 41.163 ng
RT: 15.80 min Scan# 2129
Delta R.T. 0.00 min
Lab File: BG036851.D
Acq: 20 Sep 2018 20:04

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	48.3	26.5	66.5	
105	40.7	20.2	60.2	





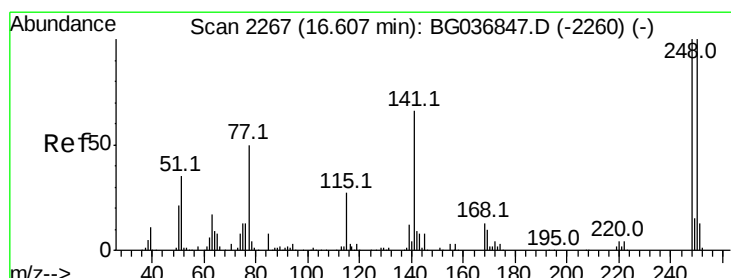
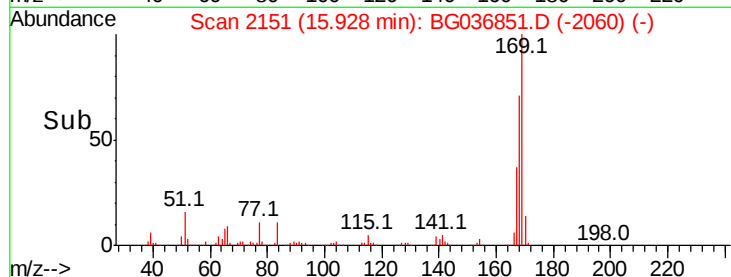
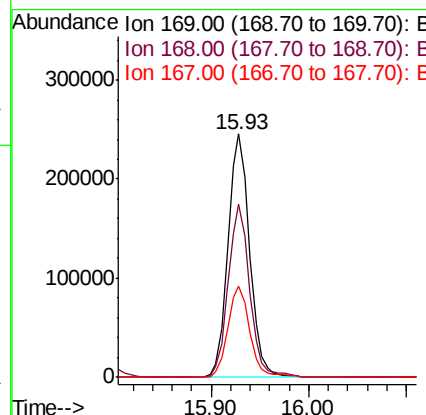
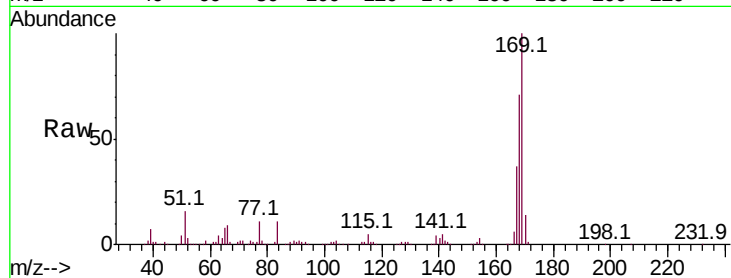
#65
n-Nitrosodiphenylamine
Concen: 39.074 ng
RT: 15.93 min Scan# 2151
Delta R.T. 0.00 min
Lab File: BG036851.D
Acq: 20 Sep 2018 20:04

Instrument :
BNA_G
ClientSampleId :
ICVBG092018

Tot Ion	Ratio	Resp	Lower	Upper
169	100	375677		
168	71.4	57.6	86.4	
167	37.5	31.0	46.4	

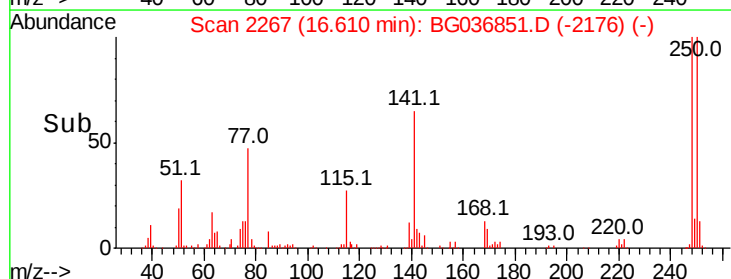
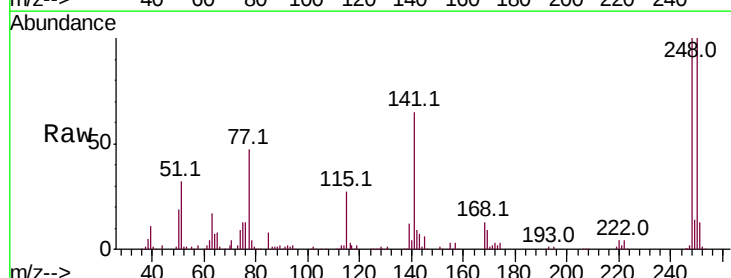
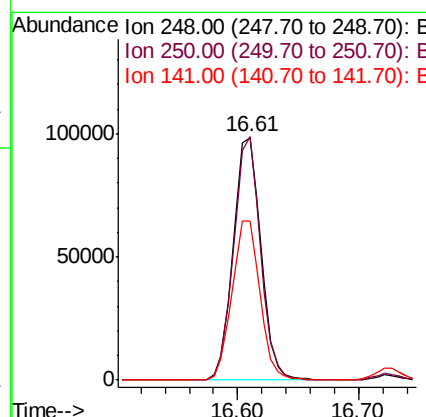
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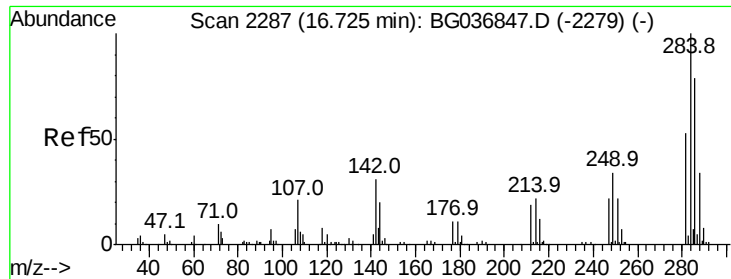
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#66
4-Bromophenyl-phenylether
Concen: 39.758 ng
RT: 16.61 min Scan# 2267
Delta R.T. 0.00 min
Lab File: BG036851.D
Acq: 20 Sep 2018 20:04

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	157493		
250	100.2	78.1	117.1	
141	65.3	53.7	80.5	





#67

Hexachlorobenzene

Concen: 39.239 ng

RT: 16.73 min Scan# 2287

Delta R.T. 0.00 min

Lab File: BG036851.D

Acq: 20 Sep 2018 20:04

Instrument :

BNA_G

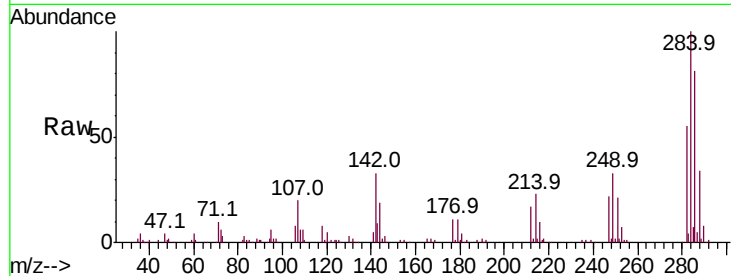
ClientSampled :

ICVBG092018

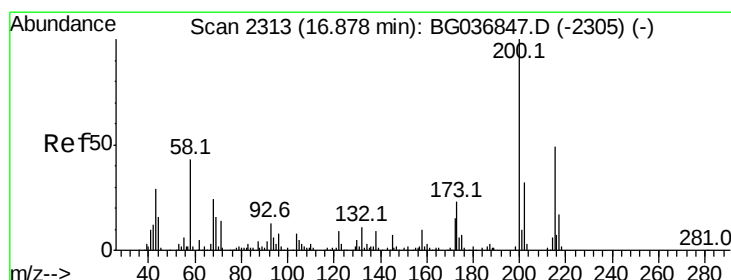
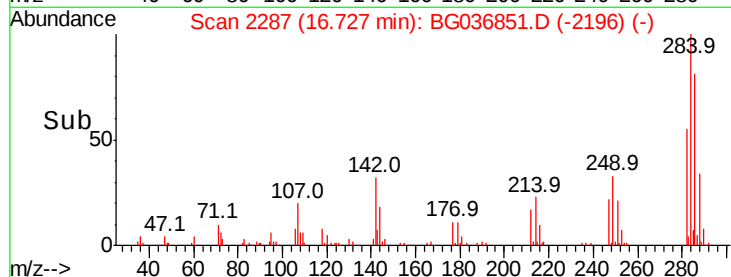
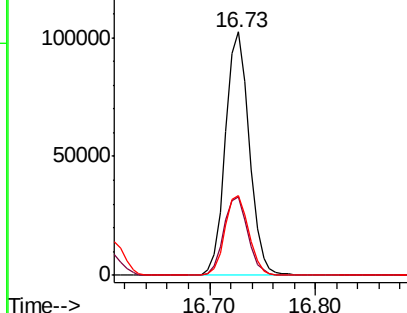
Tot Ion:	284	Resp:	160089
Ion Ratio	Lower	Upper	
284	100		
142	32.5	27.8	41.6
249	32.9	27.4	41.2

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Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 39.326 ng

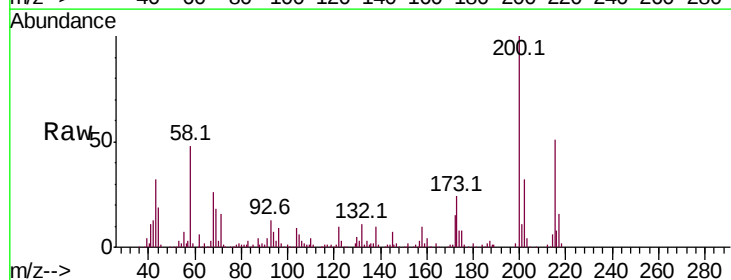
RT: 16.87 min Scan# 2312

Delta R.T. -0.00 min

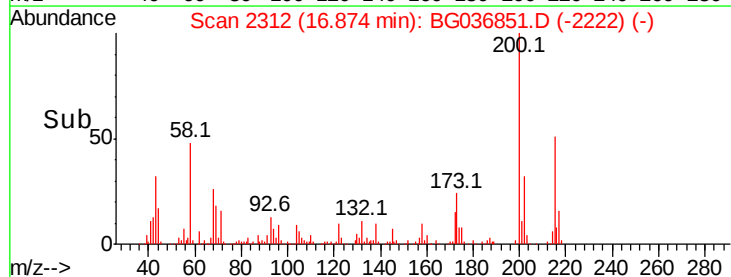
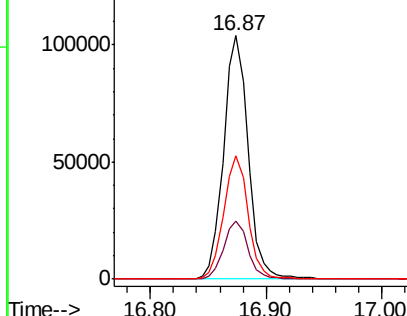
Lab File: BG036851.D

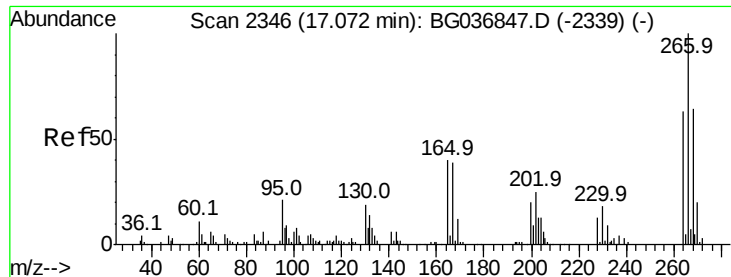
Acq: 20 Sep 2018 20:04

Tgt Ion:	200	Resp:	153096
Ion Ratio	Lower	Upper	
200	100		
173	23.7	3.9	43.9
215	50.9	30.4	70.4



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





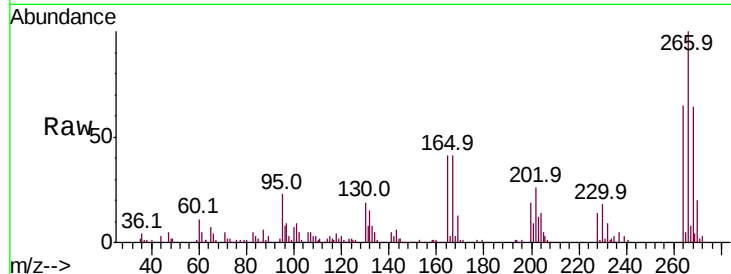
#69
 Pentachlorophenol
 Concen: 40.826 ng
 RT: 17.07 min Scan# 2345
 Delta R.T. -0.00 min
 Lab File: BG036851.D
 Acq: 20 Sep 2018 20:04

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG092018

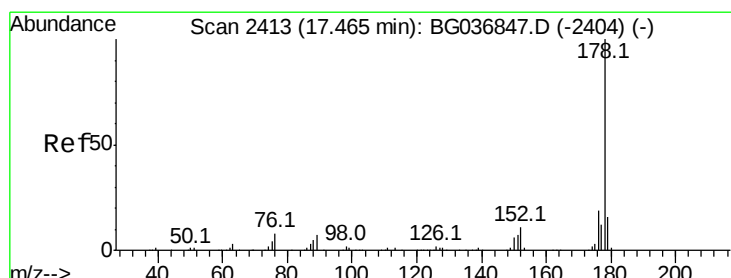
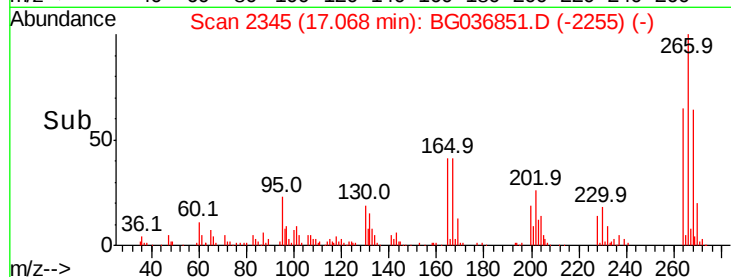
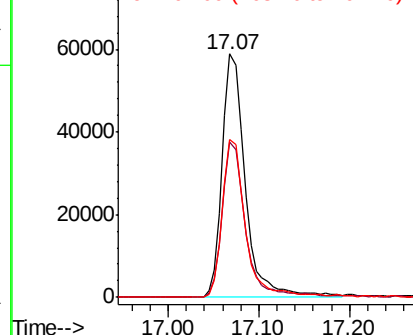
Tot Ion	Ratio	Resp	Lower	Upper
266	100	104871		
268	63.7		51.4	77.2
264	65.0		48.9	73.3

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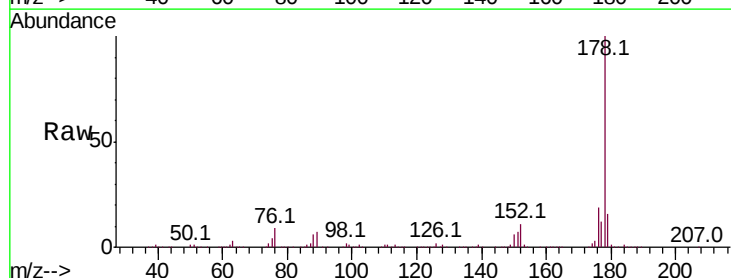


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

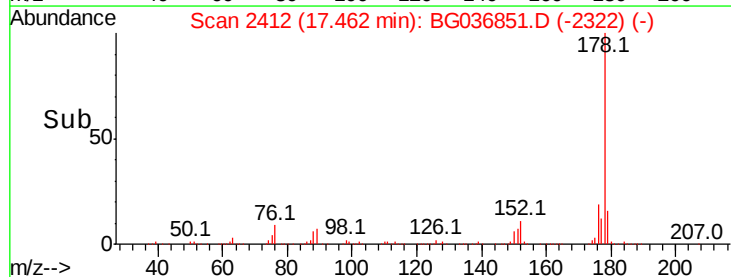
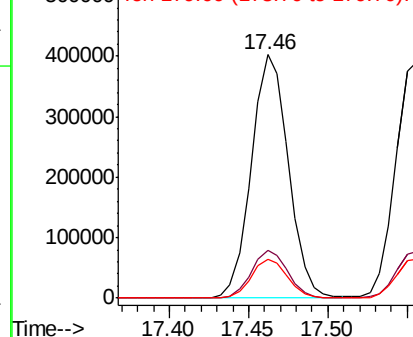


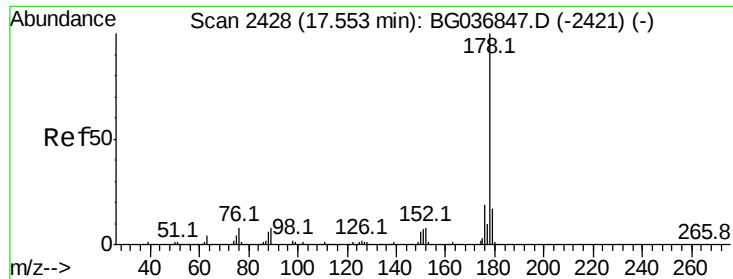
#70
 Phenanthrene
 Concen: 39.039 ng
 RT: 17.46 min Scan# 2412
 Delta R.T. -0.00 min
 Lab File: BG036851.D
 Acq: 20 Sep 2018 20:04

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	655177		
176	19.4		15.4	23.2
179	15.8		13.4	20.2



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





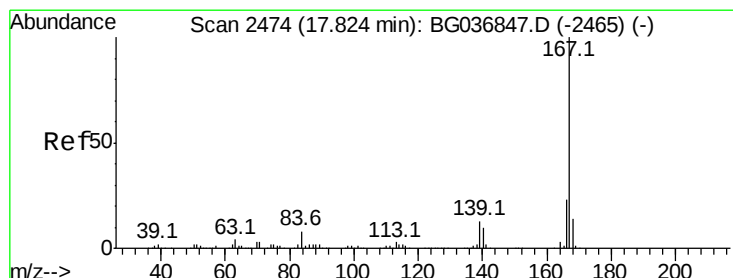
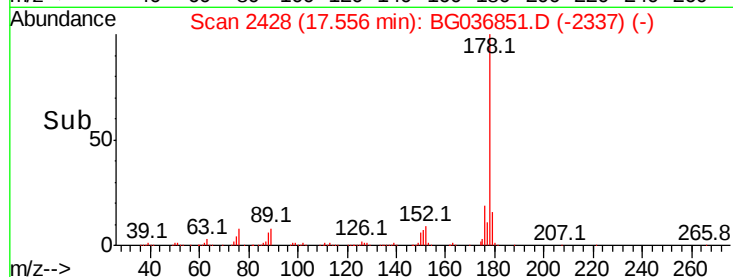
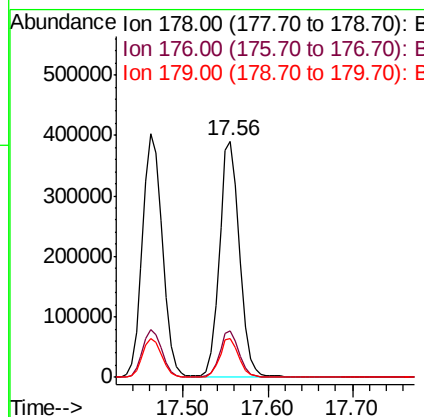
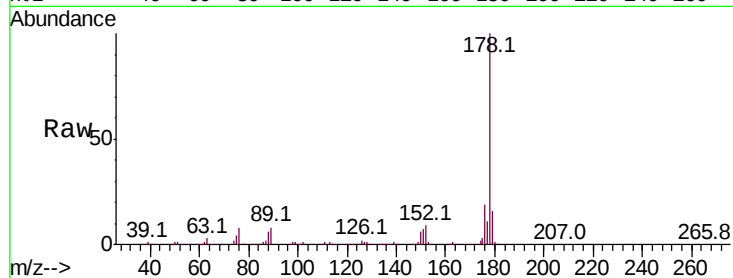
#71
 Anthracene
 Concen: 39.163 ng
 RT: 17.56 min Scan# 2428
 Delta R.T. 0.00 min
 Lab File: BG036851.D
 Acq: 20 Sep 2018 20:04

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG092018

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	16.2	13.0	19.4

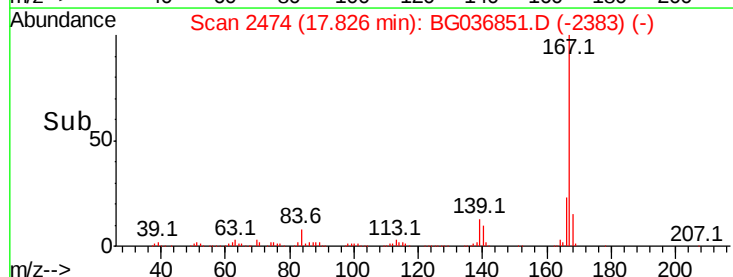
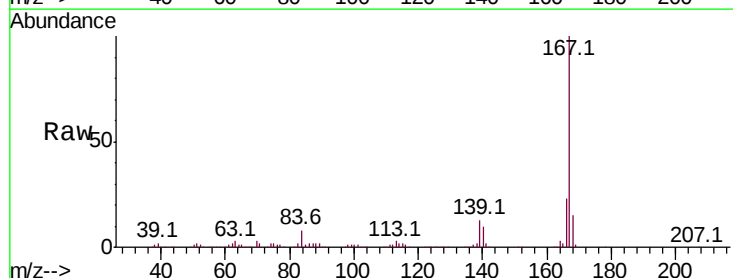
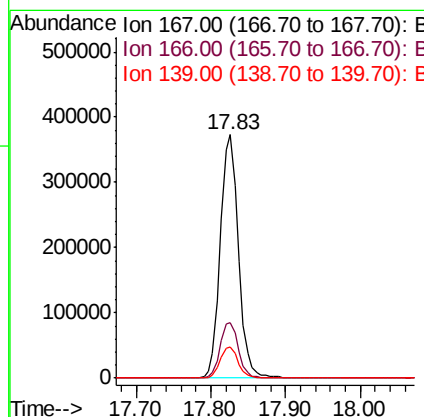
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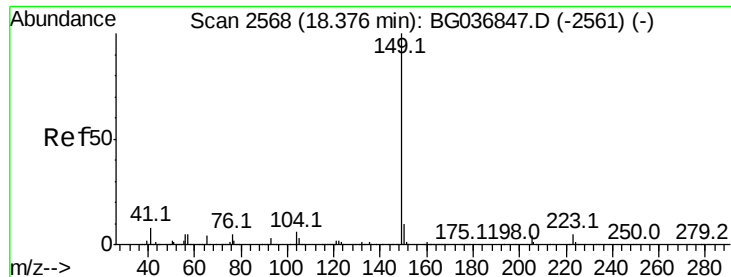
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#72
 Carbazole
 Concen: 38.784 ng
 RT: 17.83 min Scan# 2474
 Delta R.T. 0.00 min
 Lab File: BG036851.D
 Acq: 20 Sep 2018 20:04

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.9	19.5	29.3
139	12.8	10.7	16.1





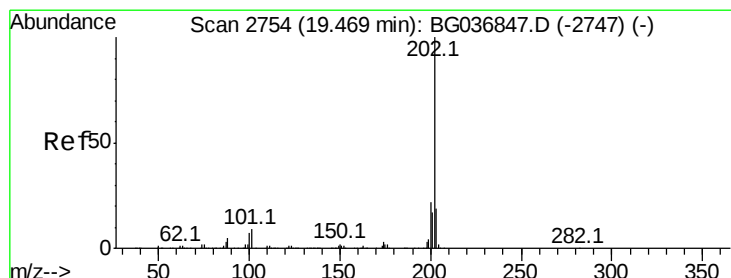
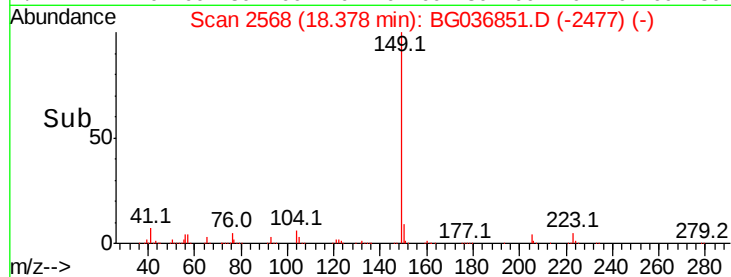
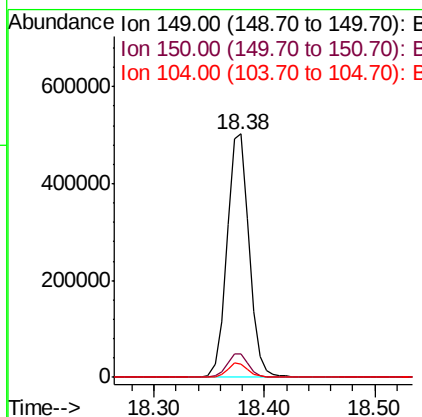
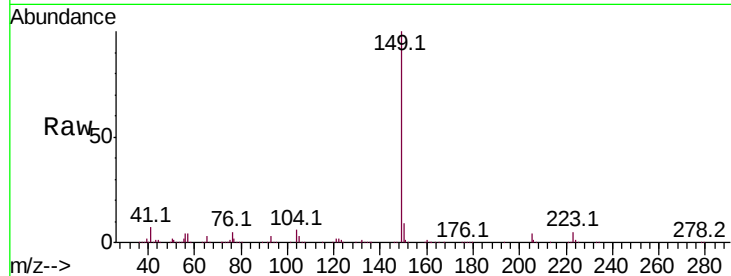
#73
Di-n-butylphthalate
Concen: 39.195 ng
RT: 18.38 min Scan# 2568
Delta R.T. 0.00 min
Lab File: BG036851.D
Acq: 20 Sep 2018 20:04

Instrument :
BNA_G
ClientSampleId :
ICVBG092018

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.5	8.1	12.1	
104	5.6	4.6	6.8	

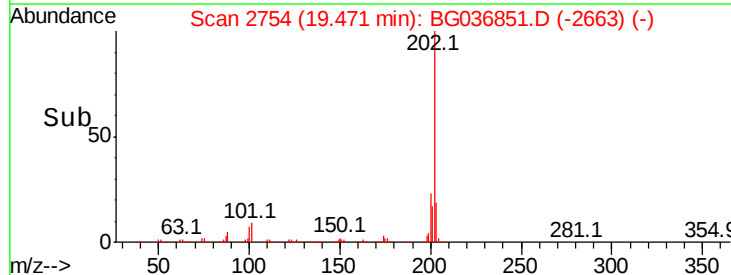
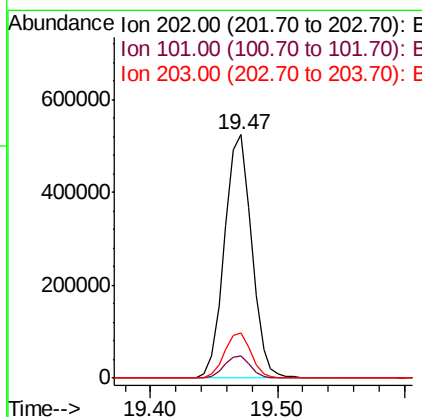
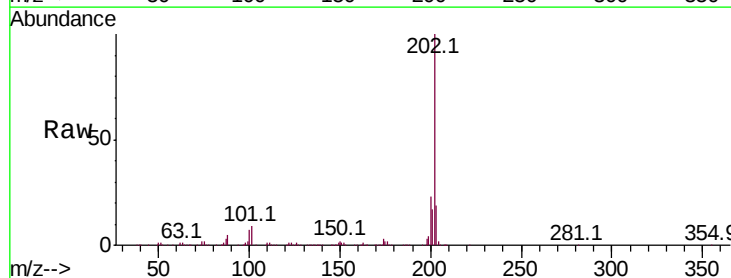
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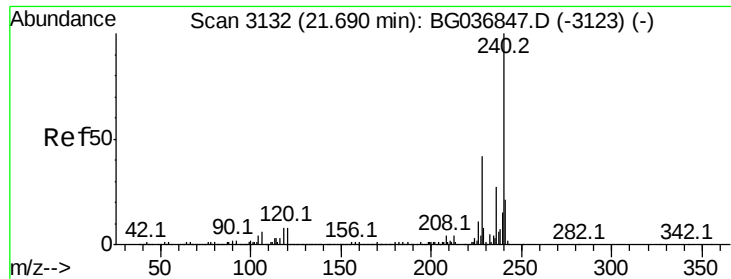
Sohil
9/21/2018 10:49:08 AM



#74
Fluoranthene
Concen: 38.511 ng
RT: 19.47 min Scan# 2754
Delta R.T. 0.00 min
Lab File: BG036851.D
Acq: 20 Sep 2018 20:04

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	9.2	0.0	29.4	
203	18.8	0.0	38.9	





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3131

Delta R.T. -0.00 min

Lab File: BG036851.D

Acq: 20 Sep 2018 20:04

Instrument :

BNA_G

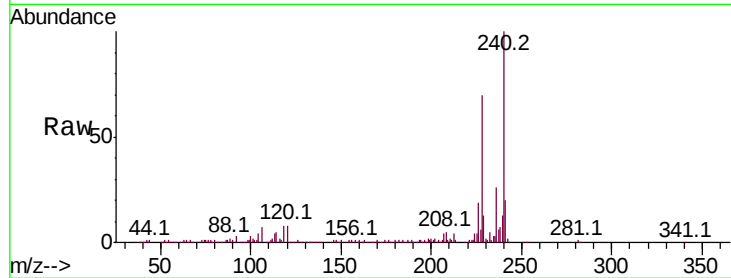
ClientSampleId :

ICVBG092018

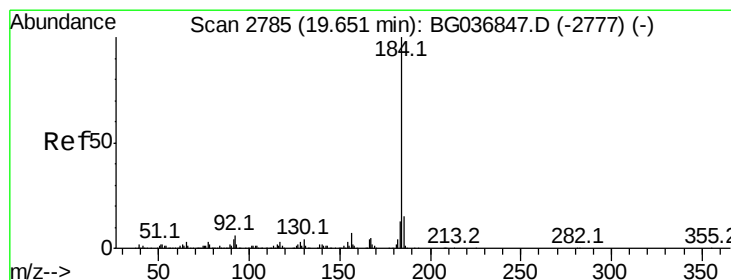
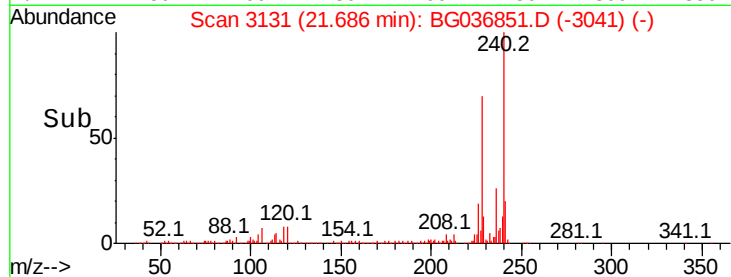
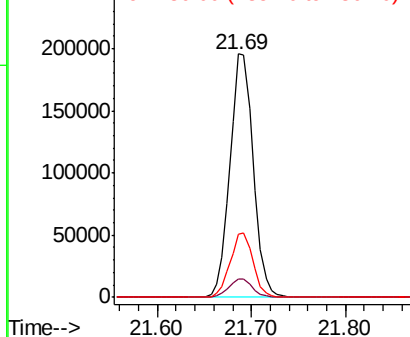
Tot Ion:	240	Resp:	337323
Ion Ratio	Lower	Upper	
240	100		
120	7.7	6.9	10.3
236	26.0	21.2	31.8

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9/21/2018 10:49:08 AM



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 35.703 ng

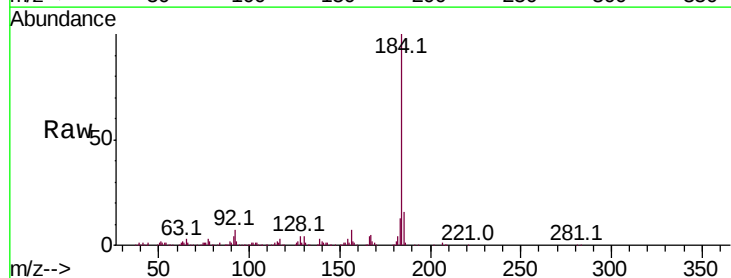
RT: 19.65 min Scan# 2784

Delta R.T. -0.00 min

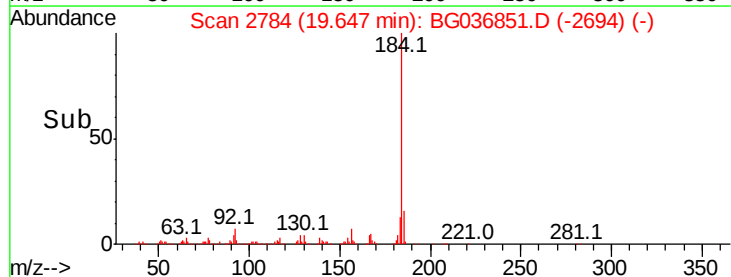
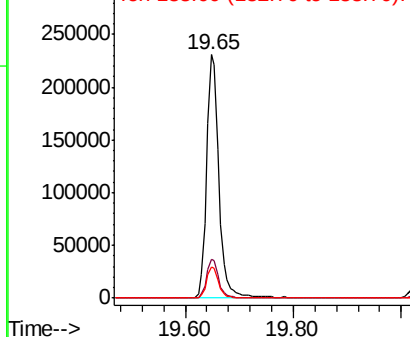
Lab File: BG036851.D

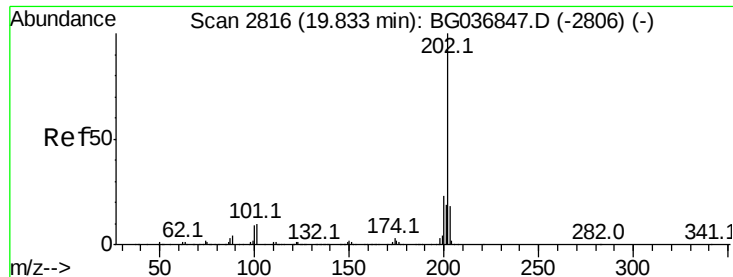
Acq: 20 Sep 2018 20:04

Tgt Ion:	184	Resp:	364065
Ion Ratio	Lower	Upper	
184	100		
185	16.0	12.6	18.8
183	12.8	10.9	16.3



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 39.192 ng

RT: 19.83 min Scan# 2815

Delta R.T. -0.00 min

Lab File: BG036851.D

Acq: 20 Sep 2018 20:04

Instrument :

BNA_G

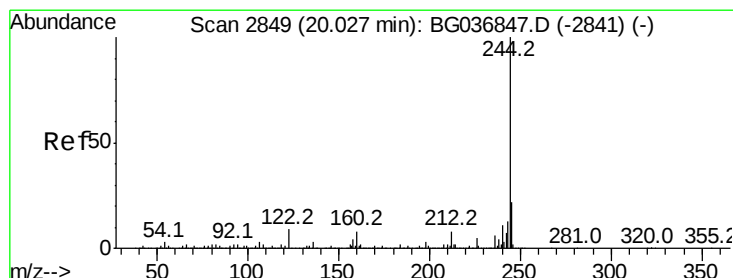
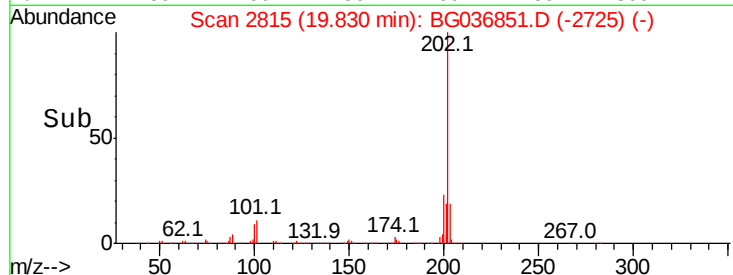
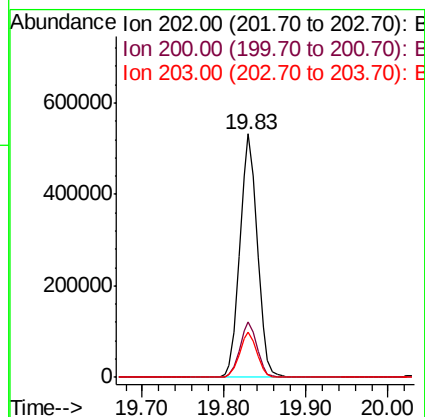
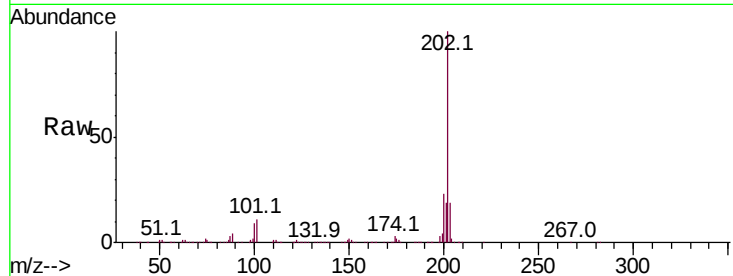
ClientSampleId :

ICVBG092018

Tot Ion	Ratio	Resp	Lower	Upper
202	100	793332		
200	23.0		18.3	27.5
203	18.7		15.1	22.7

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#78

Terphenyl-d14

Concen: 76.077 ng

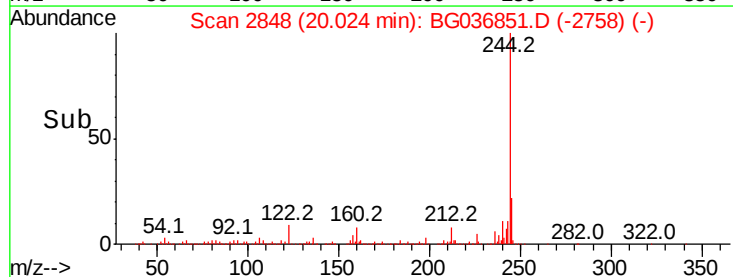
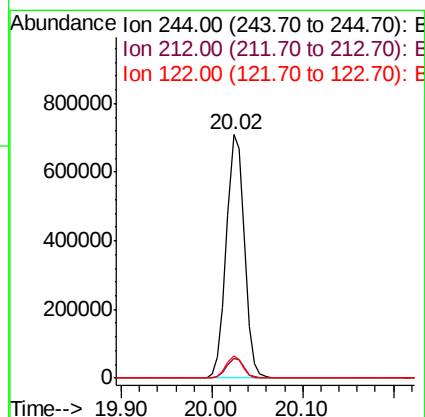
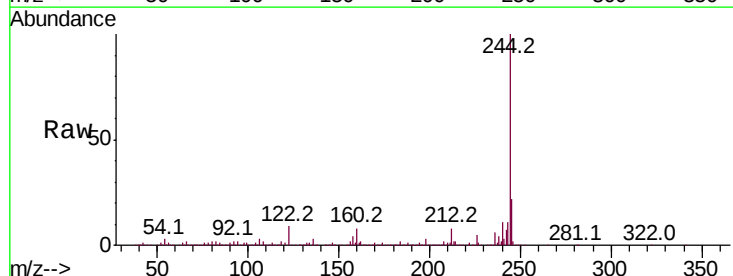
RT: 20.02 min Scan# 2848

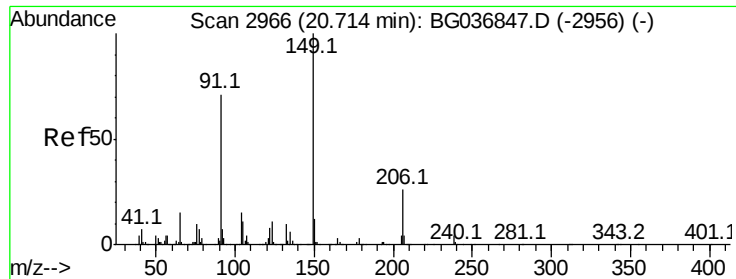
Delta R.T. -0.00 min

Lab File: BG036851.D

Acq: 20 Sep 2018 20:04

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	975950		
212	8.2		7.0	10.6
122	9.0		7.1	10.7





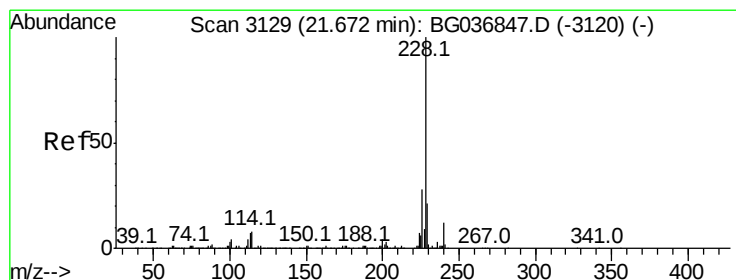
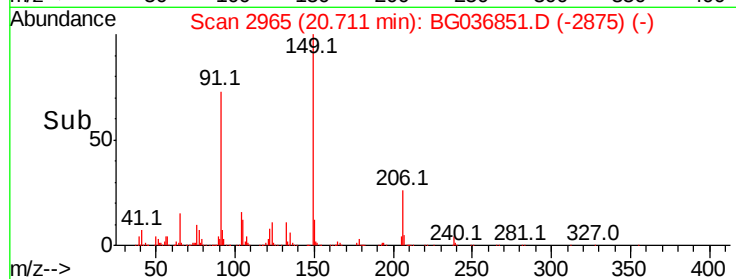
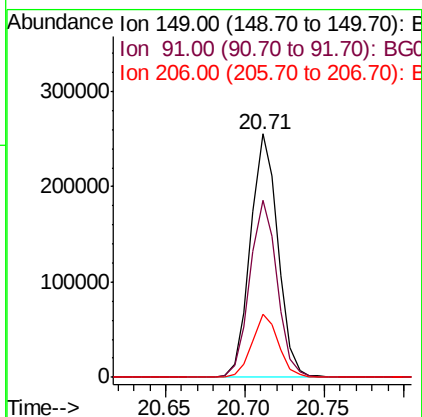
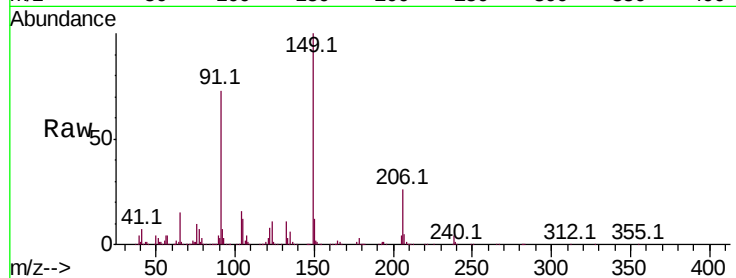
#79
Butylbenzylphthalate
Concen: 38.238 ng
RT: 20.71 min Scan# 2965
Delta R.T. -0.00 min
Lab File: BG036851.D
Acq: 20 Sep 2018 20:04

Instrument :
BNA_G
ClientSampleId :
ICVBG092018

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
91	72.6	62.0	93.0	
206	25.8	19.6	29.4	

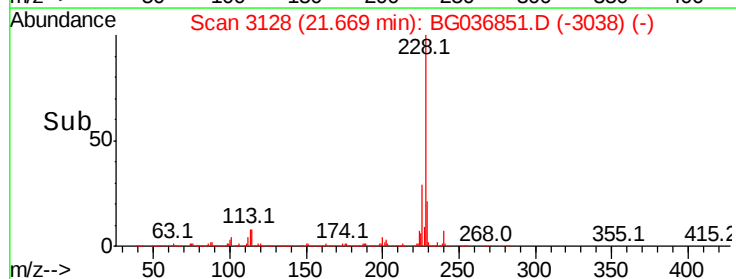
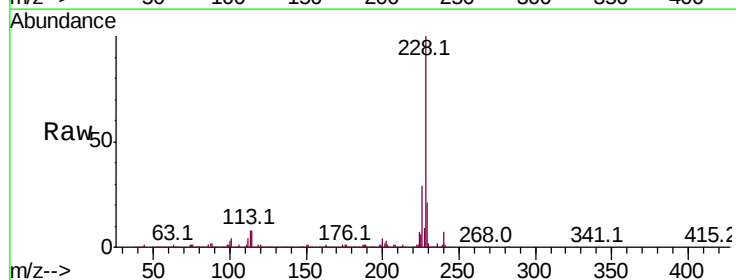
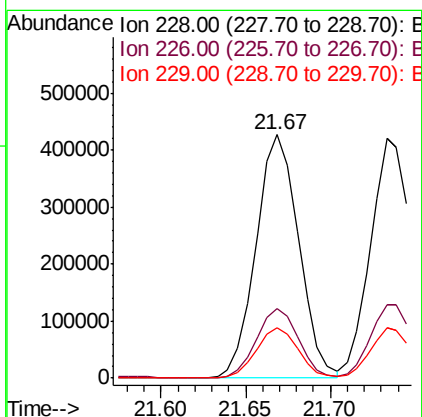
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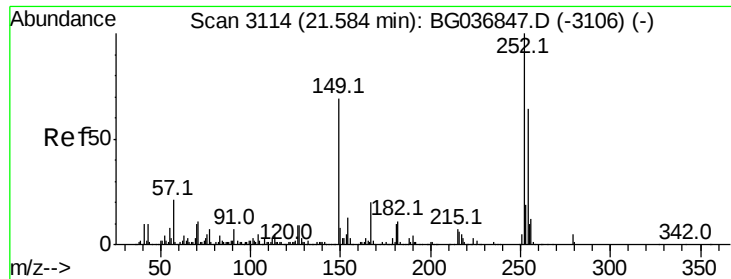
Sohil
9/21/2018 10:49:08 AM



#80
Benzo(a)anthracene
Concen: 37.884 ng
RT: 21.67 min Scan# 3128
Delta R.T. -0.00 min
Lab File: BG036851.D
Acq: 20 Sep 2018 20:04

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	28.6	23.4	35.2	
229	20.8	17.1	25.7	





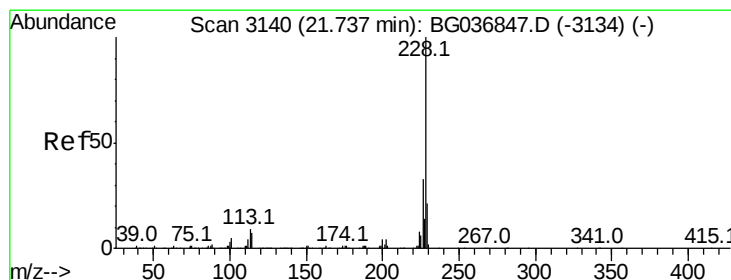
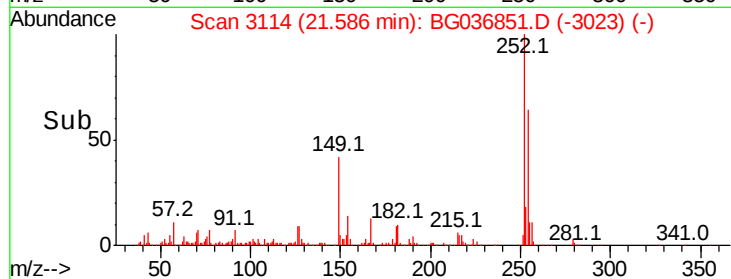
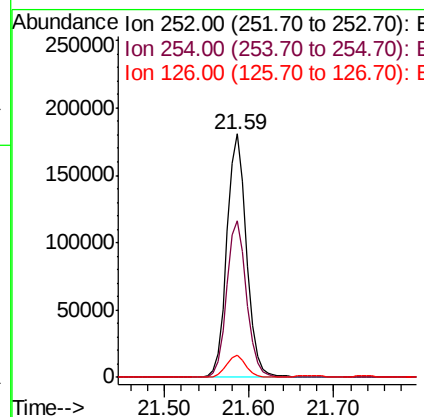
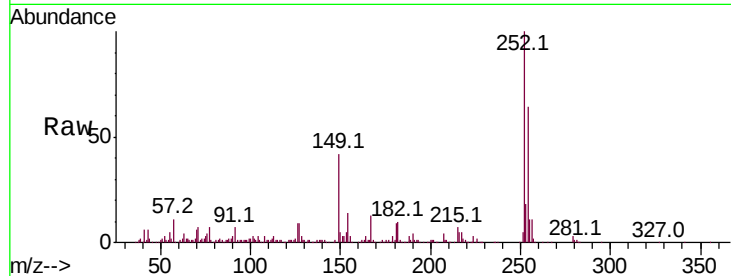
#81
 3,3'-Dichlorobenzidine
 Concen: 38.773 ng
 RT: 21.59 min Scan# 3114
 Delta R.T. 0.00 min
 Lab File: BG036851.D
 Acq: 20 Sep 2018 20:04

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG092018

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	64.4	51.0	76.4
126	9.0	7.4	11.0

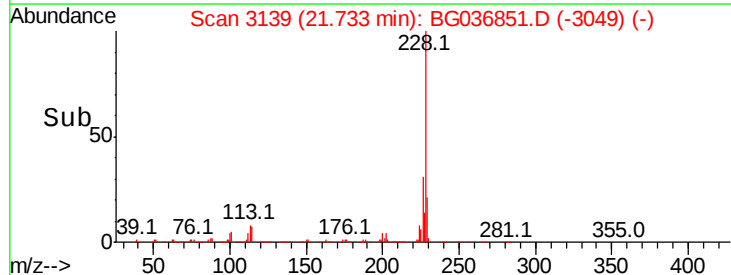
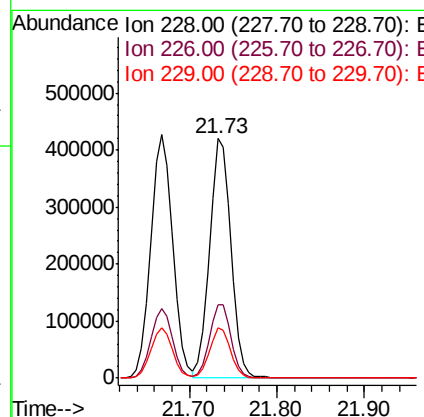
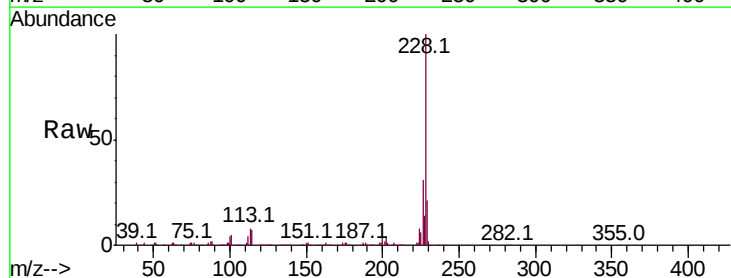
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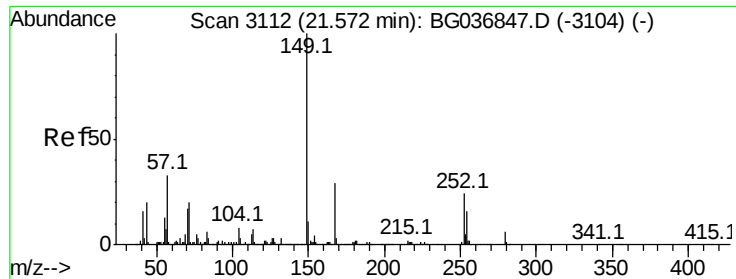
Sohil
 9/21/2018 10:49:08 AM



#82
 Chrysene
 Concen: 37.495 ng
 RT: 21.73 min Scan# 3139
 Delta R.T. -0.00 min
 Lab File: BG036851.D
 Acq: 20 Sep 2018 20:04

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.8	25.5	38.3
229	20.8	16.9	25.3





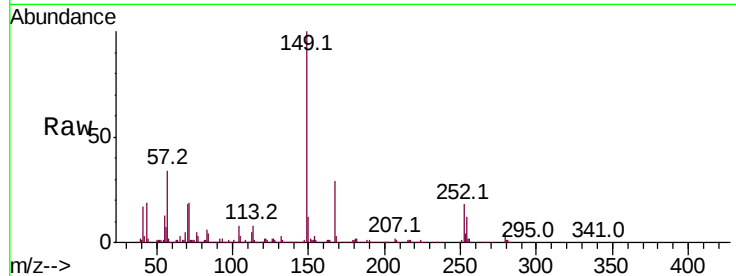
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.503 ng
 RT: 21.57 min Scan# 3111
 Delta R.T. -0.00 min
 Lab File: BG036851.D
 Acq: 20 Sep 2018 20:04

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG092018

Tot Ion	Ratio	Resp	Lower	Upper
149	100	422711		
167	29.0	23.4	35.0	
279	5.4	4.6	7.0	

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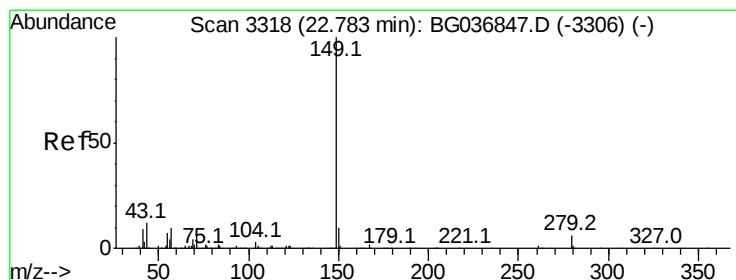
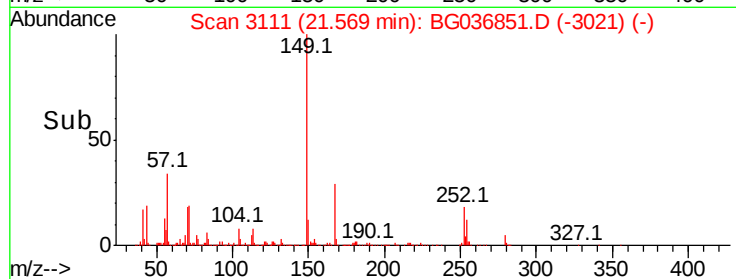
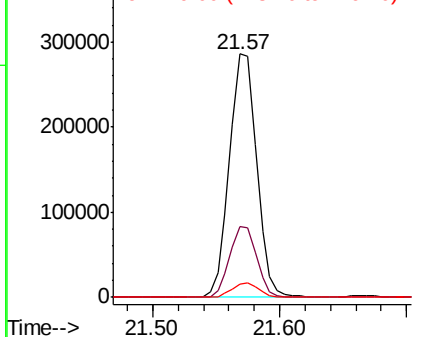


Abundance

Ion 149.00 (148.70 to 149.70): E

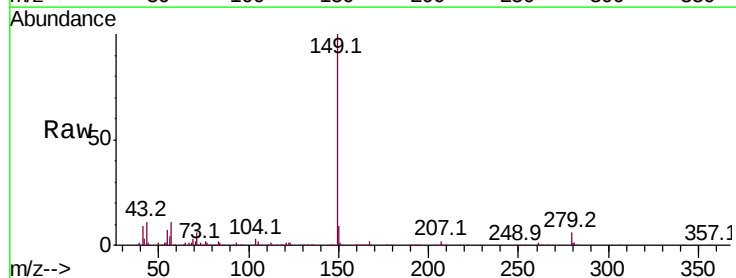
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84
 Di-n-octyl phthalate
 Concen: 38.310 ng
 RT: 22.78 min Scan# 3317
 Delta R.T. -0.00 min
 Lab File: BG036851.D
 Acq: 20 Sep 2018 20:04

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	710961		
167	1.7	1.3	1.9	
43	11.4	10.0	15.0	

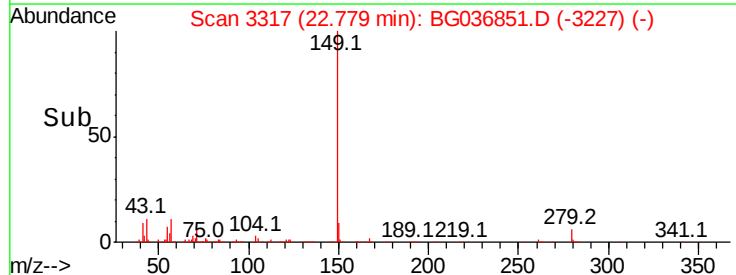
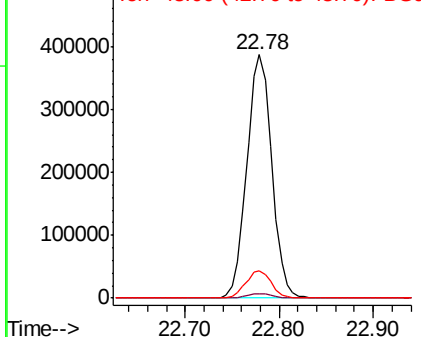


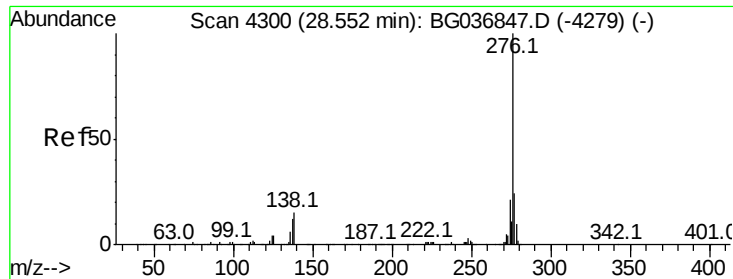
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC





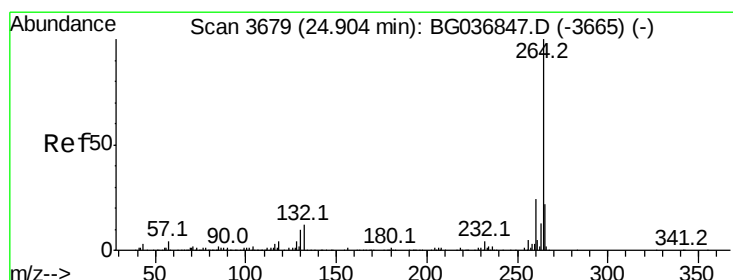
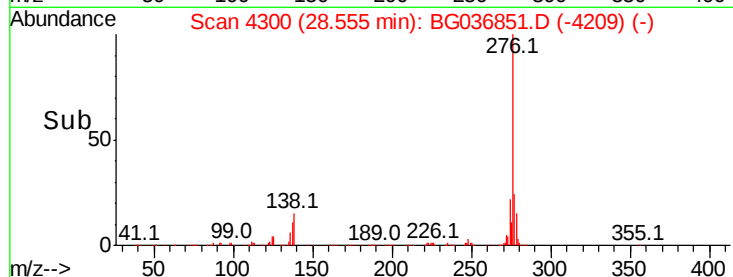
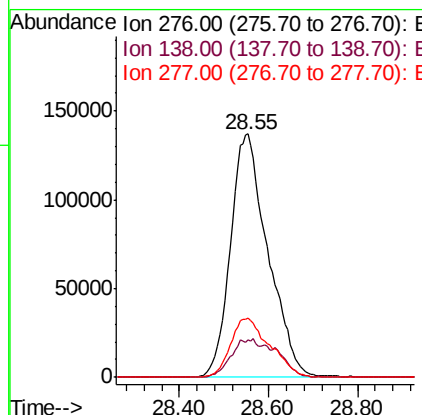
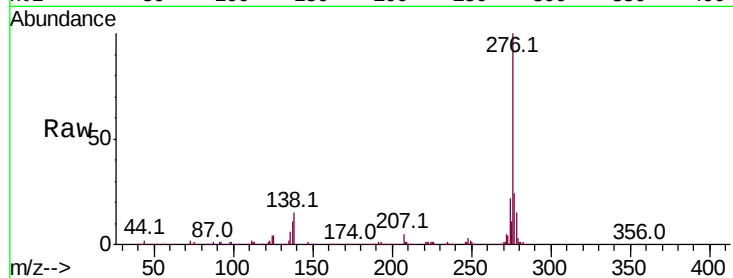
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.231 ng
 RT: 28.55 min Scan# 4300
 Delta R.T. 0.00 min
 Lab File: BG036851.D
 Acq: 20 Sep 2018 20:04

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG092018

Tot Ion	Ratio	Lower	Upper
276	100		
138	6.7	10.6	15.8#
277	25.6	20.6	30.8

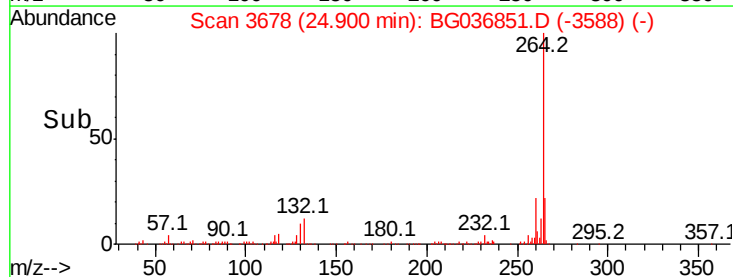
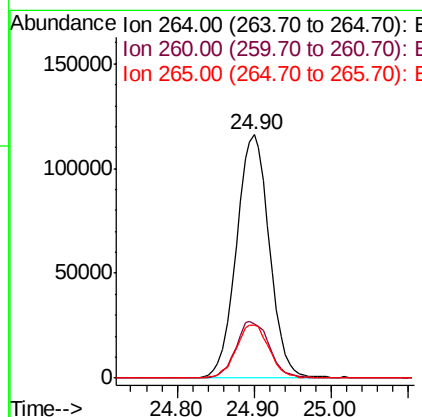
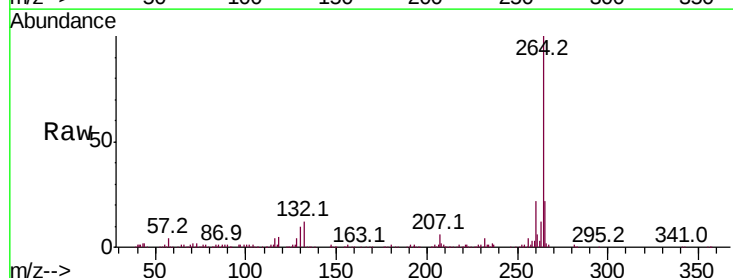
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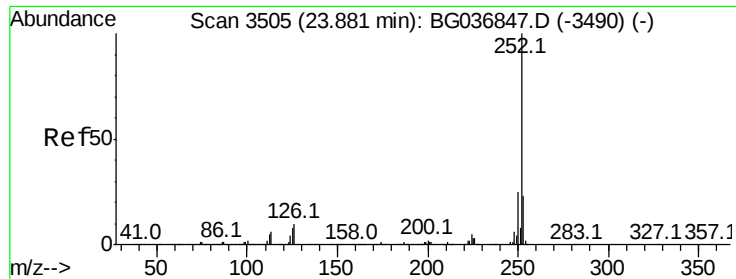
Sohil
 9/21/2018 10:49:08 AM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.90 min Scan# 3678
 Delta R.T. -0.00 min
 Lab File: BG036851.D
 Acq: 20 Sep 2018 20:04

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.2	19.6	29.4
265	21.9	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 38.579 ng

RT: 23.88 min Scan# 3504

Delta R.T. -0.00 min

Lab File: BG036851.D

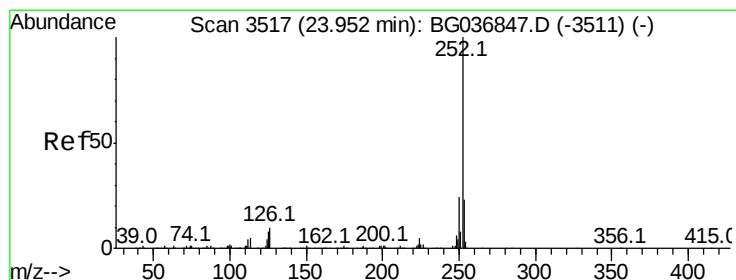
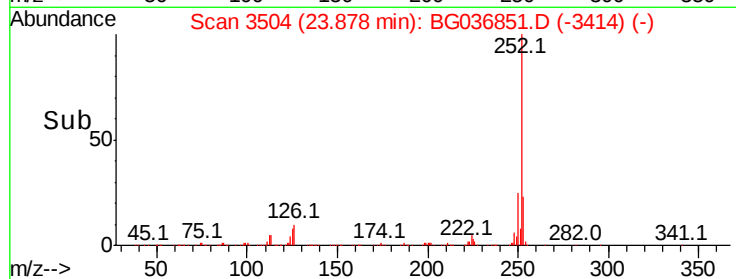
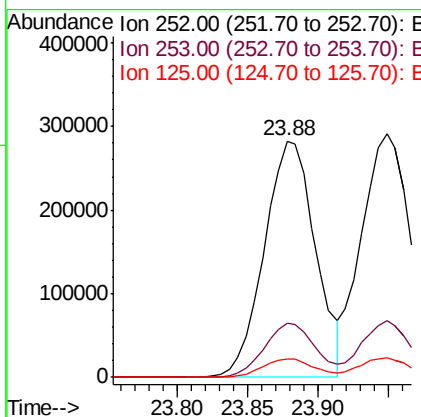
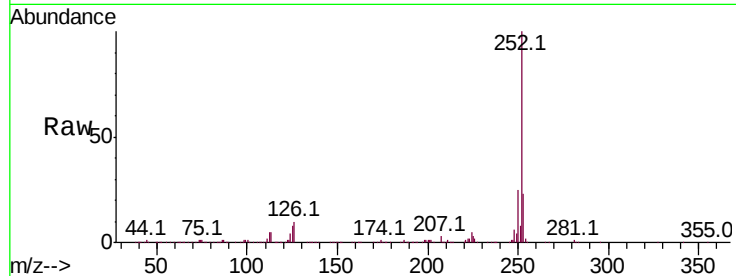
Acq: 20 Sep 2018 20:04

Instrument :
BNA_G
ClientSampleId :
ICVBG092018

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.1	25.7
125	7.7	6.6	10.0

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#88

Benzo(k)fluoranthene

Concen: 38.530 ng

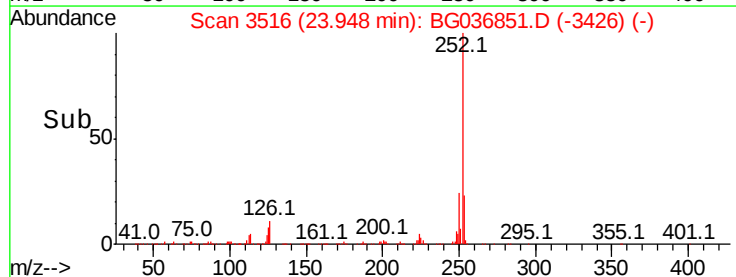
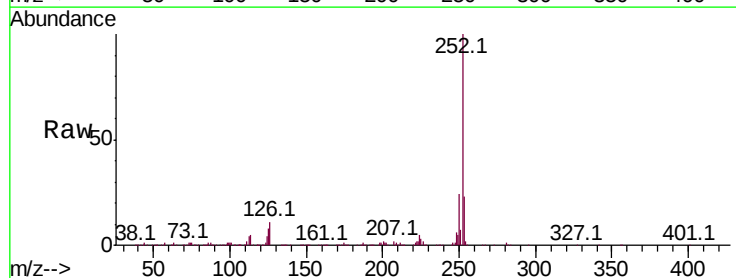
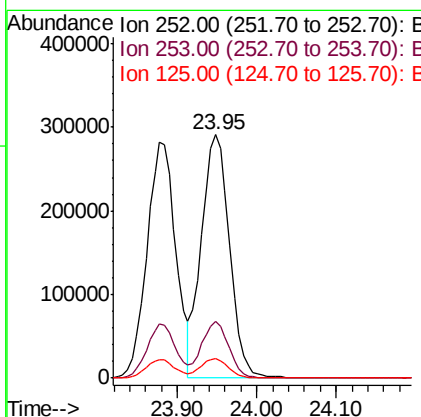
RT: 23.95 min Scan# 3516

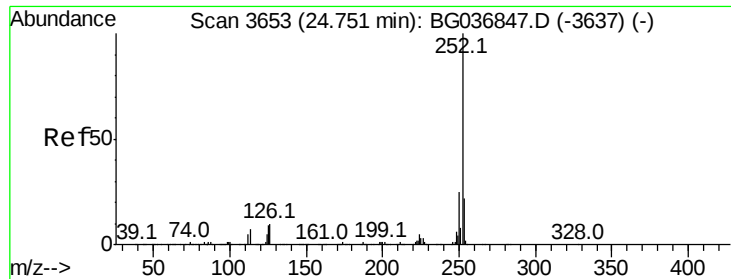
Delta R.T. -0.00 min

Lab File: BG036851.D

Acq: 20 Sep 2018 20:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.0	27.0
125	7.8	7.0	10.6





#89

Benzo(a)pyrene

Concen: 38.609 ng

RT: 24.75 min Scan# 3653

Delta R.T. 0.00 min

Lab File: BG036851.D

Acq: 20 Sep 2018 20:04

Instrument :

BNA_G

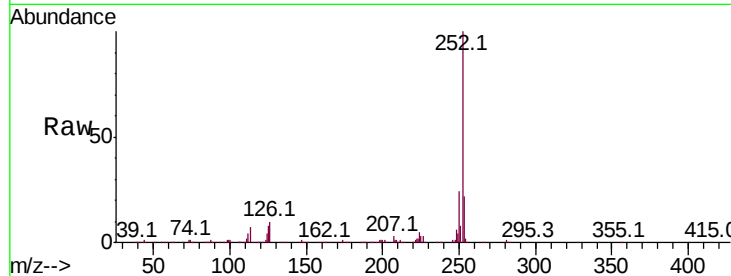
ClientSampleId :

ICVBG092018

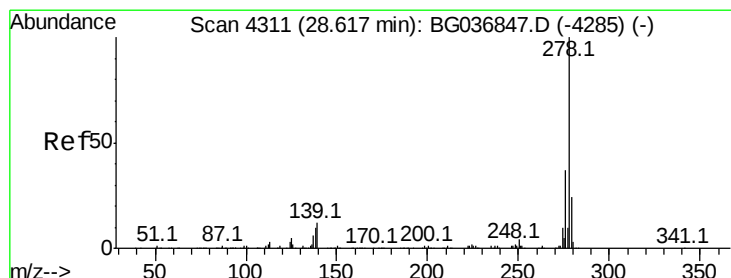
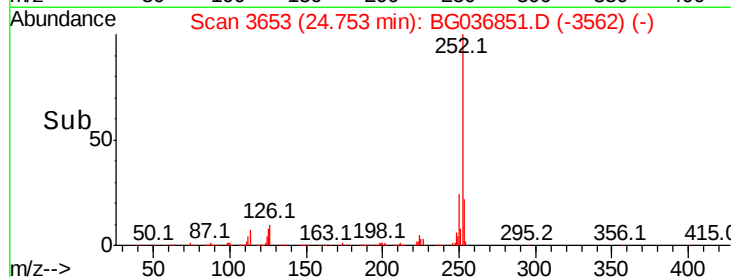
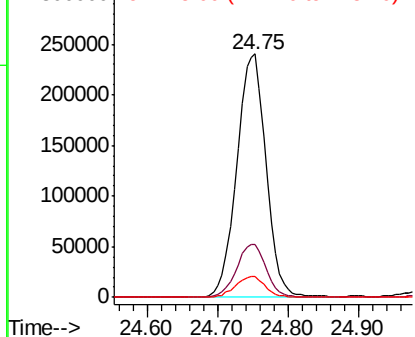
Tot Ion:	252	Resp:	691665
Ion Ratio	Lower	Upper	
252	100		
253	21.7	18.2	27.2
125	8.5	7.3	10.9

Manual Integrations
APPROVED

Sohil
9/21/2018 10:49:08 AM



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 38.901 ng

RT: 28.62 min Scan# 4311

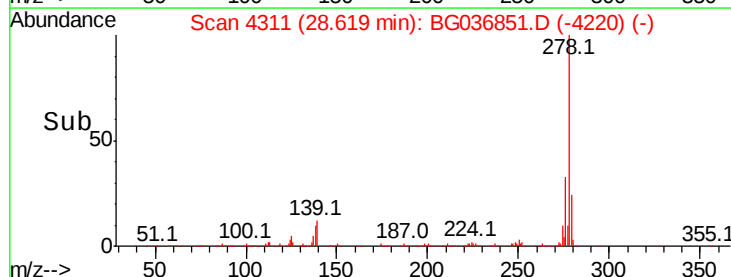
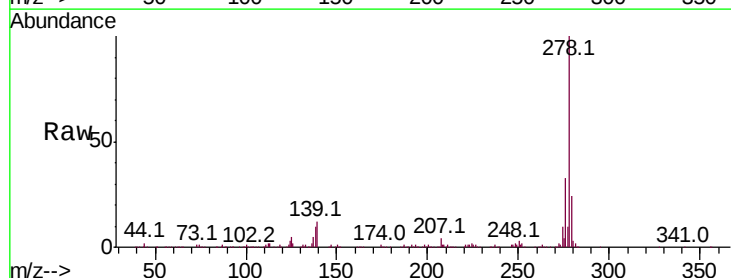
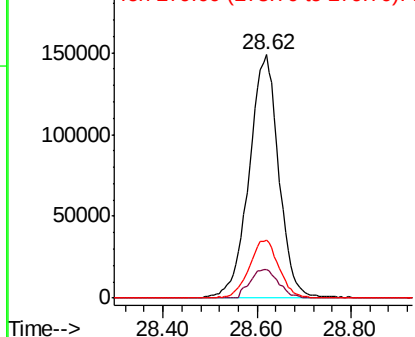
Delta R.T. 0.00 min

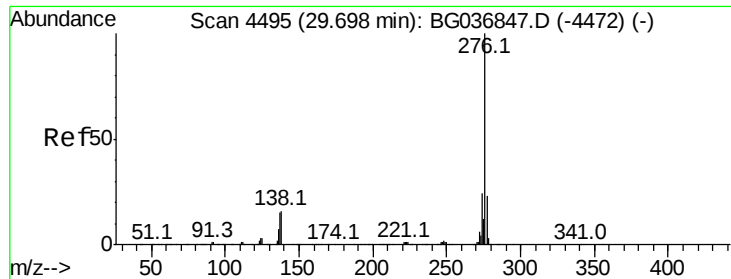
Lab File: BG036851.D

Acq: 20 Sep 2018 20:04

Tgt Ion:	278	Resp:	653141
Ion Ratio	Lower	Upper	
278	100		
139	11.9	11.0	16.4
279	23.8	18.7	28.1

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 39.044 ng
 RT: 29.69 min Scan# 4493
 Delta R.T. -0.01 min
 Lab File: BG036851.D
 Acq: 20 Sep 2018 20:04

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG092018

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.4	27.6
138	15.7	14.6	22.0

Manual Integrations
 APPROVED

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