

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042618\
 Data File : BG034031.D
 Acq On : 27 Apr 2018 3:45
 Operator : SJ/JU
 Sample : PB108616BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB108616BS

Manual Integrations
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 4/27/2018 7:31:11 PM

Quant Time: Apr 27 07:19:57 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 19 13:56:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	57542	20.00	ng	-0.02
21) Naphthalene-d8	10.60	136	281310	20.00	ng	-0.03
38) Acenaphthene-d10	14.45	164	220090	20.00	ng	-0.03
63) Phenanthrene-d10	17.20	188	590602	20.00	ng	-0.02
75) Chrysene-d12	21.45	240	610020	20.00	ng	-0.04
86) Perylene-d12	24.50	264	627397	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	336359	93.32	ng	-0.01
7) Phenol-d6	7.00	99	511515	97.30	ng	0.00
23) Nitrobenzene-d5	8.97	82	451398	91.32	ng	-0.02
41) 2,4,6-Tribromophenol	15.94	330	304699	118.67	ng	-0.02
44) 2-Fluorobiphenyl	13.07	172	1451886	96.91	ng	-0.03
78) Terphenyl-d14	19.83	244	2557387	94.18	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.40	88	56200	36.902	ng	# 82
3) Pyridine	3.78	79	103255	23.433	ng	90
4) n-Nitrosodimethylamine	3.71	42	53180	26.491	ng	# 94
6) Aniline	7.16	93	77890	11.084	ng	# 96
8) 2-Chlorophenol	7.39	128	196058	48.547	ng	97
9) Benzaldehyde	6.98	77	73937m	23.594	ng	
10) Phenol	7.03	94	219751	40.805	ng	97
11) bis(2-Chloroethyl)ether	7.25	93	181873m	44.156	ng	
12) 1,3-Dichlorobenzene	7.71	146	205268m	44.153	ng	
13) 1,4-Dichlorobenzene	7.85	146	230979m	49.054	ng	
14) 1,2-Dichlorobenzene	8.16	146	205334	44.841	ng	94
15) Benzyl Alcohol	8.07	79	148063	32.300	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.34	45	300847	37.449	ng	82
17) 2-Methylphenol	8.27	107	156246	39.151	ng	94
18) Hexachloroethane	8.88	117	80828	46.975	ng	97
19) n-Nitroso-di-n-propylamine	8.62	70	168516	37.606	ng	91
20) 3+4-Methylphenols	8.59	107	199734	34.444	ng	95
22) Acetophenone	8.63	105	287657	37.571	ng	# 96
24) Nitrobenzene	9.02	77	218771	40.615	ng	# 94
25) Isophorone	9.53	82	484063	43.556	ng	# 93
26) 2-Nitrophenol	9.72	139	102717	48.262	ng	88
27) 2,4-Dimethylphenol	9.79	122	184225	46.277	ng	94
28) bis(2-Chloroethoxy)methane	10.02	93	252653	43.016	ng	97
29) 2,4-Dichlorophenol	10.26	162	226106	50.950	ng	91
30) 1,2,4-Trichlorobenzene	10.46	180	233715	47.021	ng	98
31) Naphthalene	10.64	128	662382	45.788	ng	98
32) Benzoic acid	9.94	122	133351m	35.133	ng	
33) 4-Chloroaniline	10.80	127	39901m	5.868	ng	
34) Hexachlorobutadiene	10.93	225	149273	50.202	ng	96
35) Caprolactam	11.55	113	89190m	47.271	ng	
36) 4-Chloro-3-methylphenol	11.90	107	261366	48.254	ng	91
37) 2-Methylnaphthalene	12.26	142	524774	47.381	ng	94
39) 1,2,4,5-Tetrachlorobenzene	12.63	216	325465	44.534	ng	97
40) Hexachlorocyclopentadiene	12.61	237	385009	95.811	ng	92

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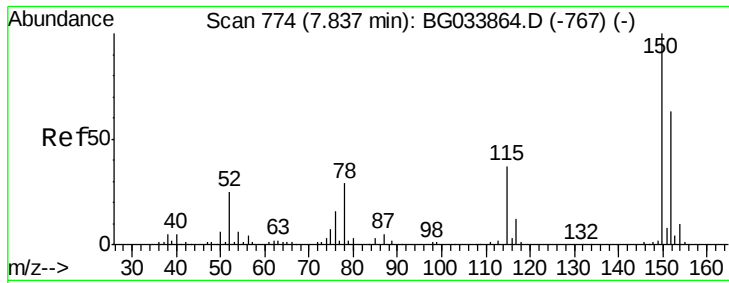
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 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041918.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.88	196	202917	45.539	nq	97
43) 2,4,5-Trichlorophenol	12.96	196	248592	48.528	nq	91
45) 1,1'-Biphenyl	13.28	154	775548	43.531	nq	98
46) 2-Chloronaphthalene	13.32	162	592818	43.883	nq	98
47) 2-Nitroaniline	13.54	65	163589	38.784	nq	# 80
48) Acenaphthylene	14.17	152	969234	43.163	nq	98
49) Dimethylphthalate	13.91	163	857370	44.285	nq	99
50) 2,6-Dinitrotoluene	14.03	165	189781	51.726	nq	85
51) Acenaphthene	14.51	154	574371	40.718	nq	98
52) 3-Nitroaniline	14.40	138	36854	9.251	nq	# 75
53) 2,4-Dinitrophenol	14.57	184	89215	67.994	nq	# 64
54) Dibenzofuran	14.85	168	985887	47.142	nq	95
55) 4-Nitrophenol	14.70	139	205674	65.826	nq	# 82
56) 2,4-Dinitrotoluene	14.82	165	270773	55.499	nq	# 79
57) Fluorene	15.50	166	842690	46.564	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.08	232	260406	55.519	nq	91
59) Diethylphthalate	15.28	149	910808	44.508	nq	97
60) 4-Chlorophenyl-phenylether	15.50	204	467154	49.352	nq	97
61) 4-Nitroaniline	15.56	138	160638	37.976	nq	90
62) Azobenzene	15.79	77	762081	41.777	nq	94
64) 4,6-Dinitro-2-methylphenol	15.59	198	105090	38.446	nq	87
65) n-Nitrosodiphenylamine	15.71	169	758629	44.182	nq	99
66) 4-Bromophenyl-phenylether	16.39	248	301970	46.557	nq	95
67) Hexachlorobenzene	16.50	284	322492	46.623	nq	# 71
68) Atrazine	16.67	200	328888	48.893	nq	99
69) Pentachlorophenol	16.85	266	350232	73.713	nq	# 57
70) Phenanthrene	17.24	178	1394573	44.016	nq	97
71) Anthracene	17.33	178	1478279	46.656	nq	98
72) Carbazole	17.61	167	1331213	43.550	nq	97
73) Di-n-butylphthalate	18.18	149	1555311	40.900	nq	98
74) Fluoranthene	19.26	202	1736085	45.298	nq	96
76) Benzidine	19.47	184	265021	16.088	nq	99
77) Pyrene	19.62	202	1726485	43.150	nq	94
79) Butylbenzylphthalate	20.53	149	737074	41.949	nq	92
80) Benzo(a)anthracene	21.43	228	1691951	43.985	nq	97
81) 3,3'-Dichlorobenzidine	21.37	252	344791	24.039	nq	100
82) Chrysene	21.50	228	1676072	45.629	nq	95
83) Bis(2-ethylhexyl)phthalate	21.37	149	1014408	40.879	nq	99
84) Di-n-octyl phthalate	22.52	149	1748108	44.383	nq	96
85) Indeno(1,2,3-cd)pyrene	27.95	276	2025647	48.446	nq	# 91
87) Benzo(b)fluoranthene	23.54	252	1725794	45.090	nq	97
88) Benzo(k)fluoranthene	23.61	252	1737250	45.694	nq	97
89) Benzo(a)pyrene	24.36	252	1727037	47.115	nq	99
90) Dibenzo(a,h)anthracene	28.02	278	1663560	46.902	nq	97
91) Benzo(g,h,i)perylene	29.03	276	1687711	48.357	nq	99

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



#1

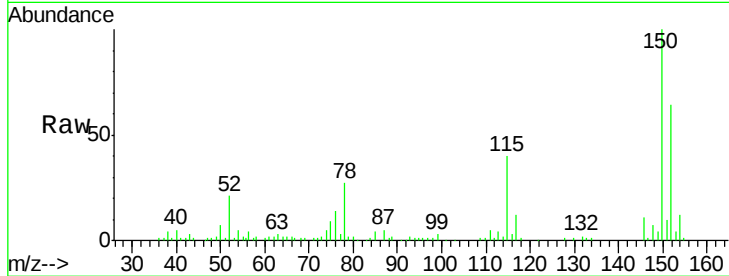
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.82 min Scan# 771
Delta R.T. -0.02 min
Lab File: BG034031.D
Acq: 27 Apr 2018 3:45

Instrument :
BNA_G
ClientSampleId :
PB108616BS

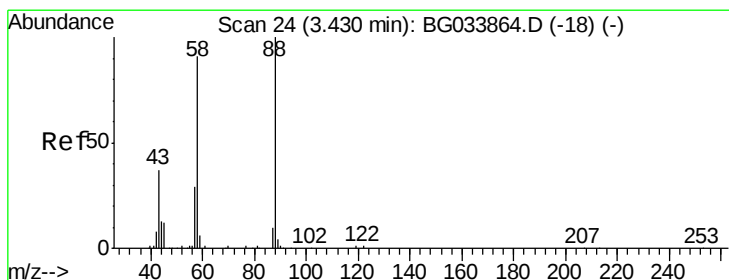
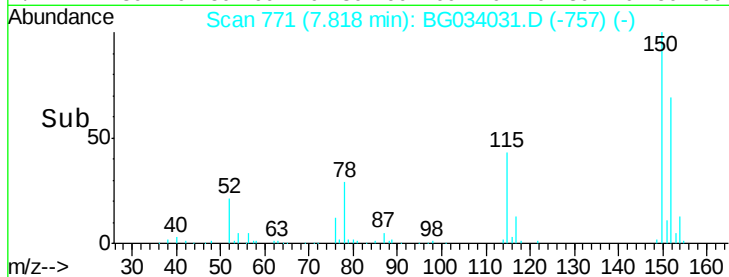
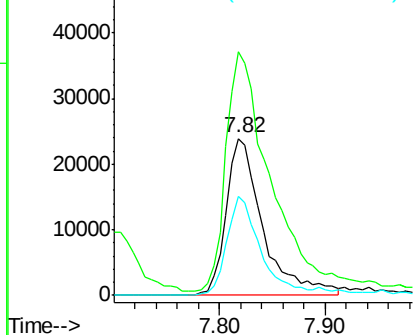
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	126.6	189.8
115	62.8	53.0	79.4

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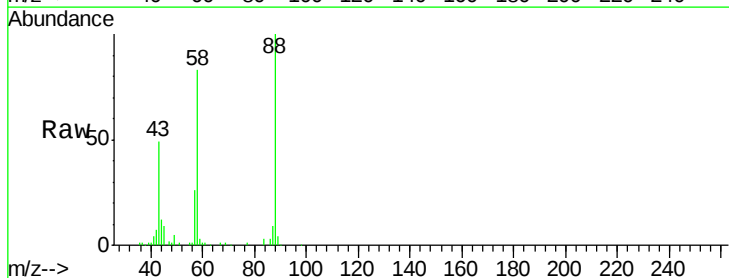
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



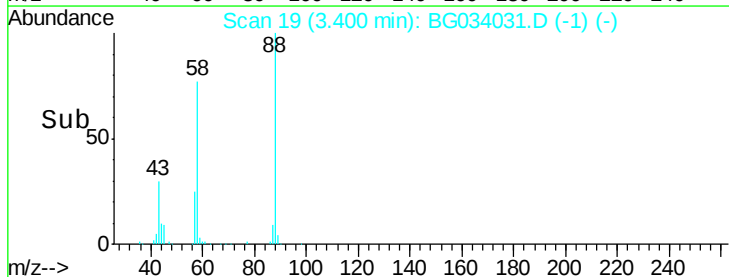
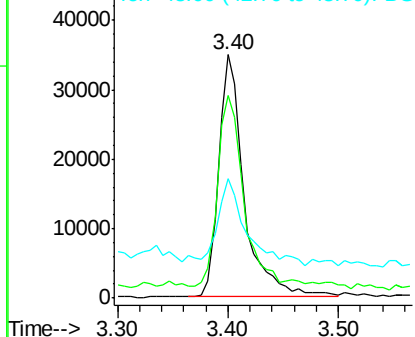
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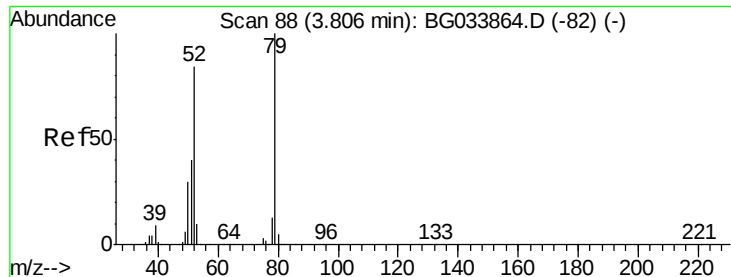
1,4-Dioxane
Concen: 36.902 ng
RT: 3.40 min Scan# 19
Delta R.T. -0.03 min
Lab File: BG034031.D
Acq: 27 Apr 2018 3:45

Tgt Ion	Ratio	Lower	Upper
88	100		
58	79.1	79.6	119.4#
43	39.5	27.4	41.0



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





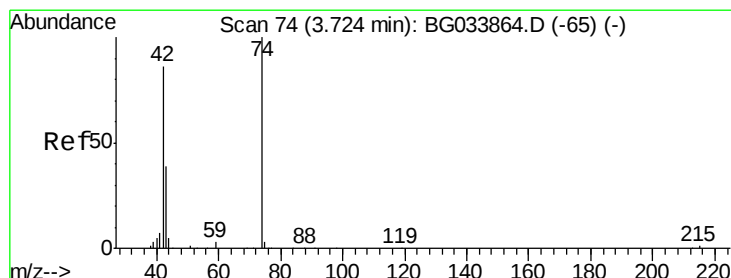
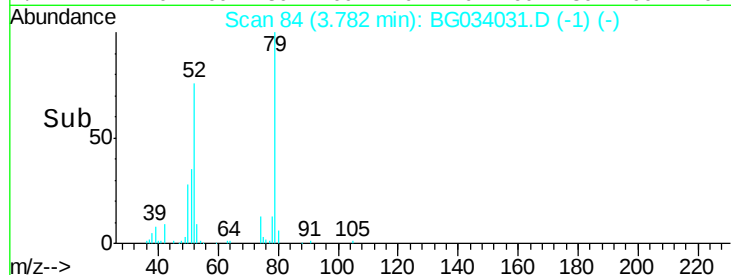
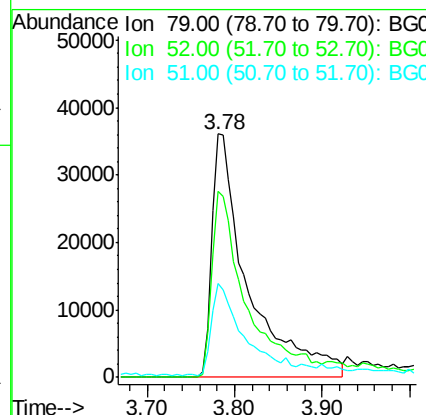
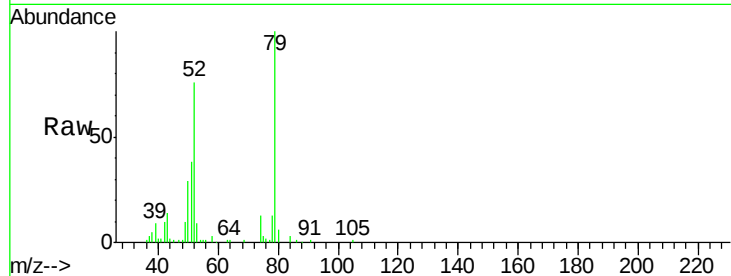
#3
 Pvridine
 Concen: 23.433 ng
 RT: 3.78 min Scan# 84
 Delta R.T. -0.02 min
 Lab File: BG034031.D
 Acq: 27 Apr 2018 3:45

Instrument :
 BNA_G
 ClientSampleId :
 PB108616BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	76.3	69.9	104.9
51	38.5	34.0	51.0

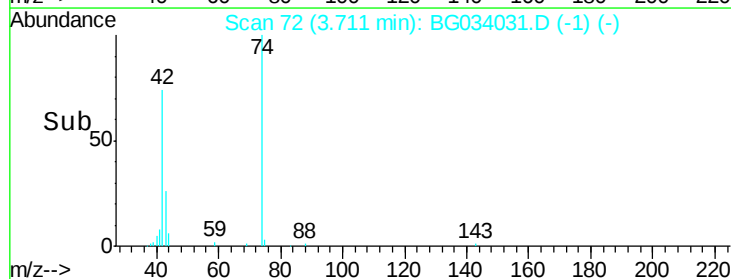
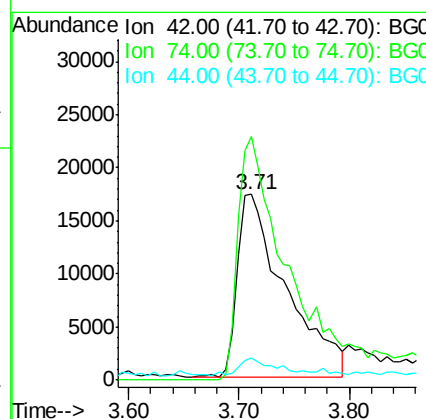
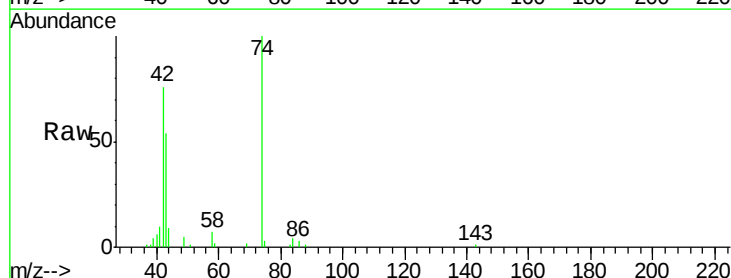
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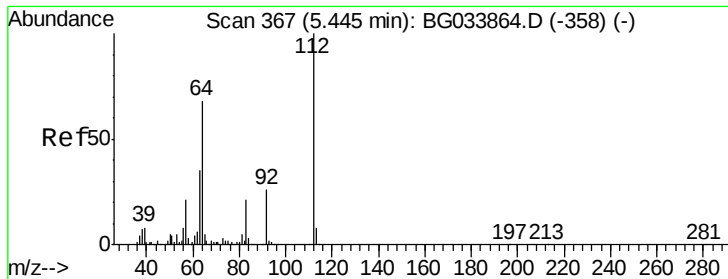
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#4
 n-Nitrosodimethylamine
 Concen: 26.491 ng
 RT: 3.71 min Scan# 72
 Delta R.T. -0.01 min
 Lab File: BG034031.D
 Acq: 27 Apr 2018 3:45

Tgt Ion	Ratio	Lower	Upper
42	100		
74	131.0	102.5	153.7
44	11.8	18.9	28.3





#5

2-Fluorophenol

Concen: 93.325 ng

RT: 5.43 min Scan# 365

Delta R.T. -0.01 min

Lab File: BG034031.D

Acq: 27 Apr 2018 3:45

Instrument :

BNA_G

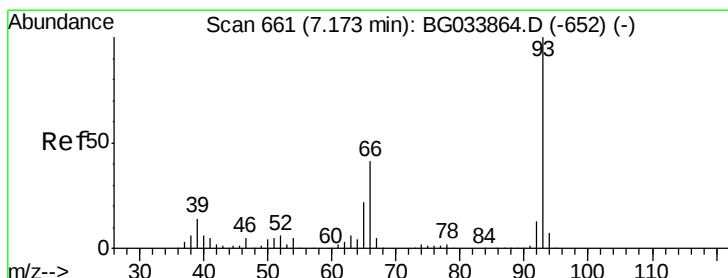
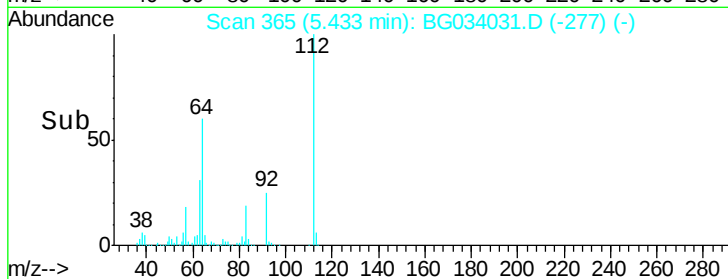
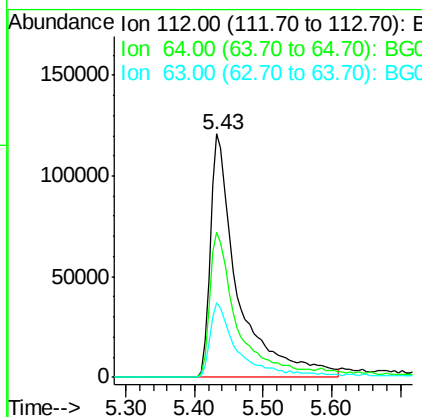
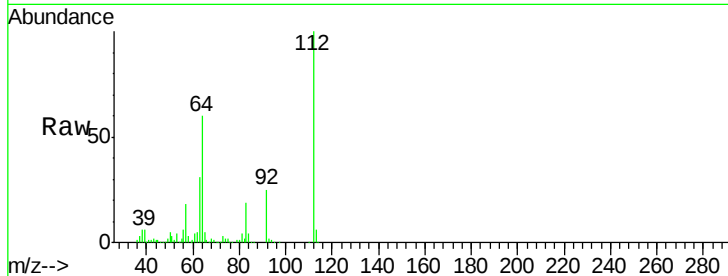
ClientSampleId :

PB108616BS

Tot Ion:	112	Resp:	336359
Ion Ratio	Lower	Upper	
112	100		
64	59.7	56.3	84.5
63	30.9	30.1	45.1

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#6

Aniline

Concen: 11.084 ng

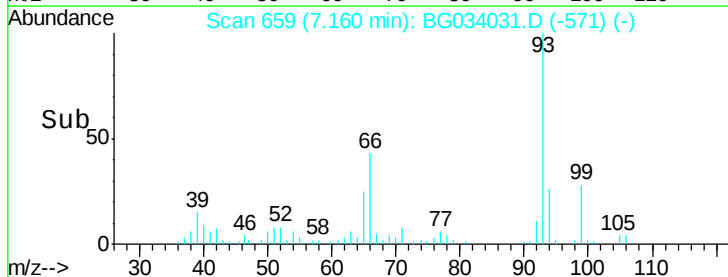
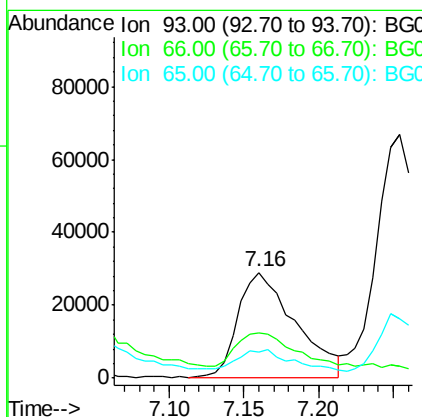
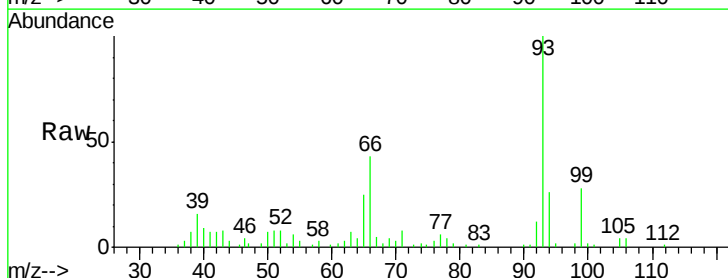
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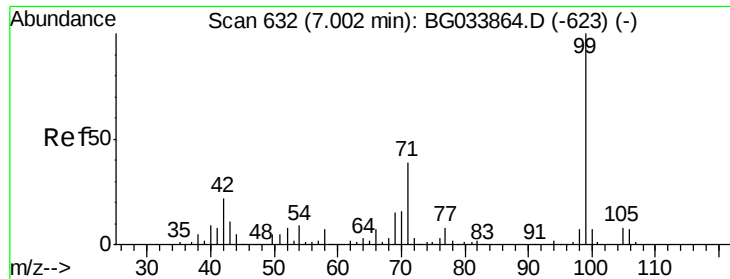
Delta R.T. -0.01 min

Lab File: BG034031.D

Acq: 27 Apr 2018 3:45

Tgt Ion:	93	Resp:	77890
Ion Ratio	Lower	Upper	
93	100		
66	43.0	33.7	50.5
65	24.8	16.1	24.1#





#7

Phenol-d6

Concen: 97.303 ng

RT: 7.00 min Scan# 632

Delta R.T. -0.00 min

Lab File: BG034031.D

Acq: 27 Apr 2018 3:45

Instrument :

BNA_G

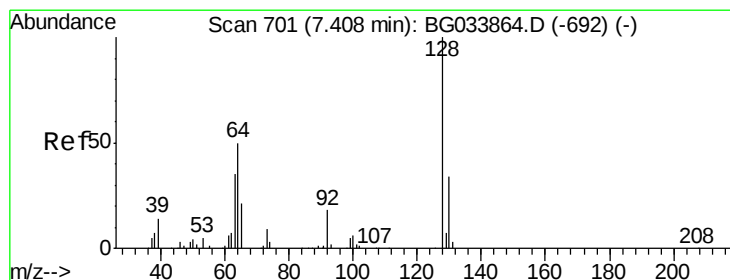
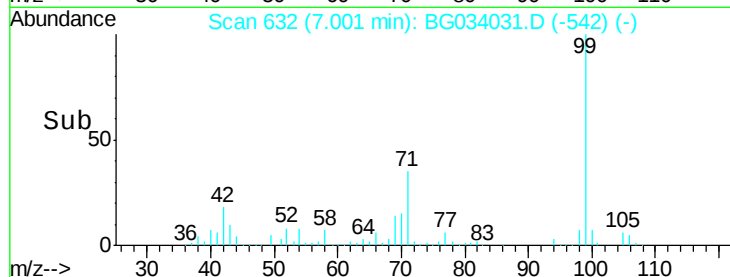
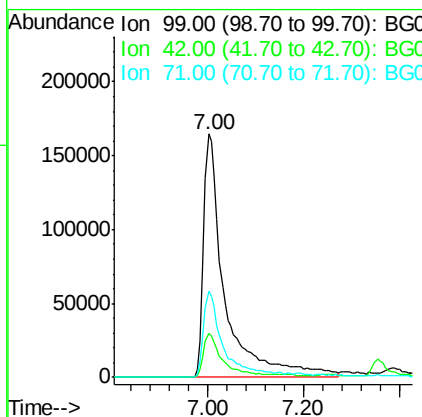
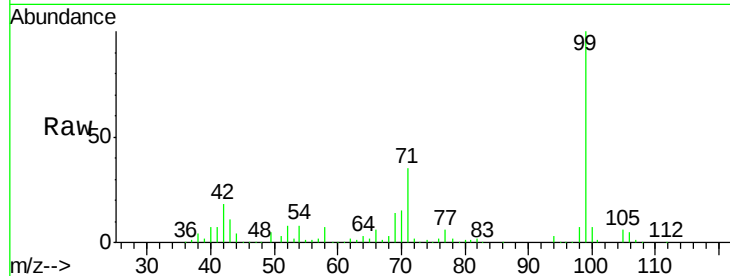
ClientSampled :

PB108616BS

Tot Ion:	99	Resp:	511515
Ion Ratio	Lower	Upper	
99	100		
42	18.1	14.1	21.1
71	35.4	26.1	39.1

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#8

2-Chlorophenol

Concen: 48.547 ng

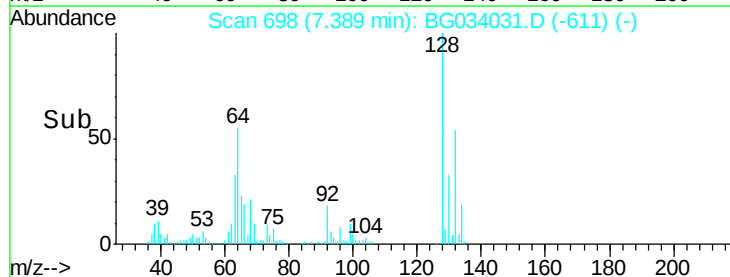
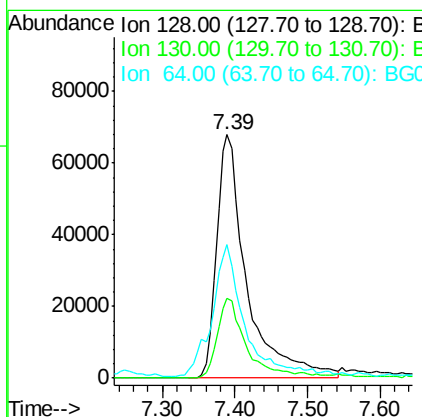
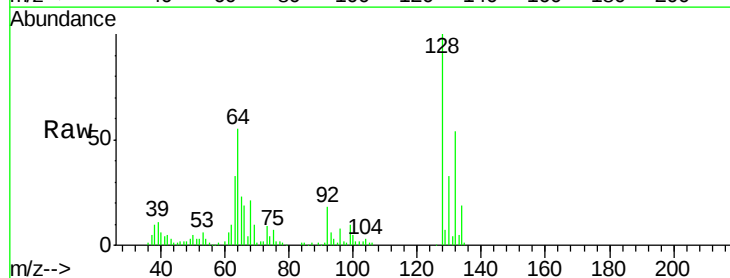
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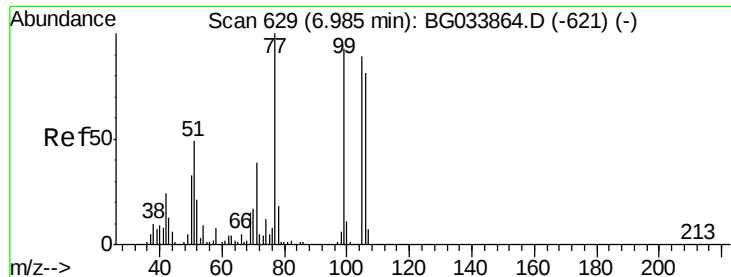
Delta R.T. -0.02 min

Lab File: BG034031.D

Acq: 27 Apr 2018 3:45

Tgt Ion:	128	Resp:	196058
Ion Ratio	Lower	Upper	
128	100		
130	32.6	14.0	54.0
64	54.8	37.7	77.7





#9

Benzaldehyde

Concen: 23.594 ng/mL

RT: 6.98 min Scan# 628

Delta R.T. -0.01 min

Lab File: BG034031.D

Acq: 27 Apr 2018 3:45

Instrument :

BNA_G

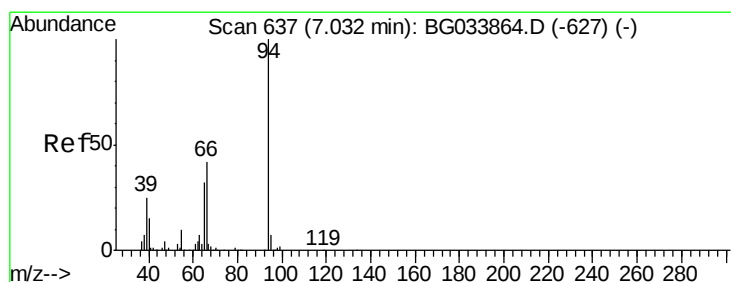
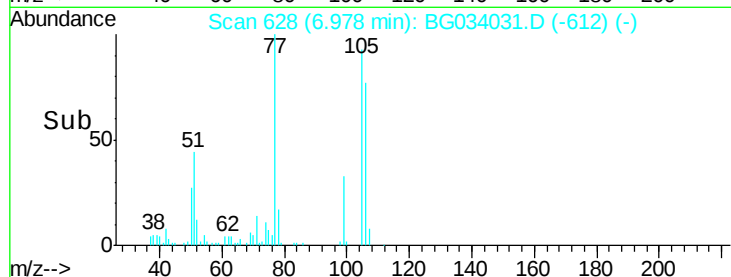
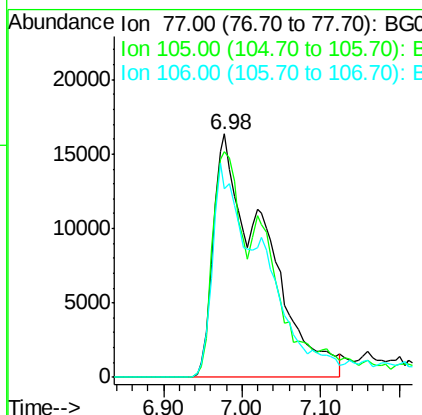
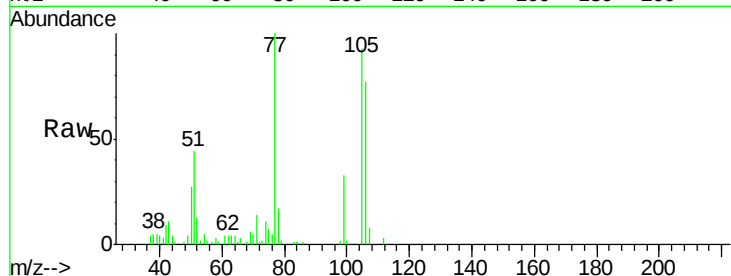
ClientSampleID :

PB108616BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	92.9	71.3	111.3
106	77.3	64.2	104.2

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#10

Phenol

Concen: 40.805 ng/mL

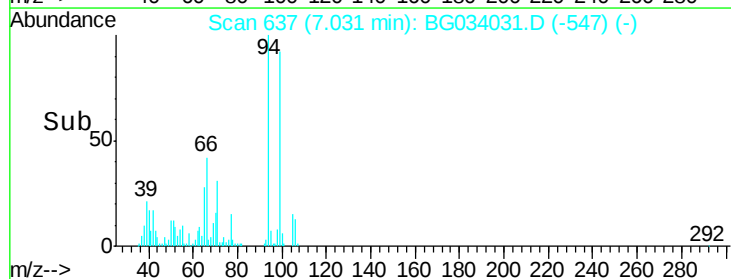
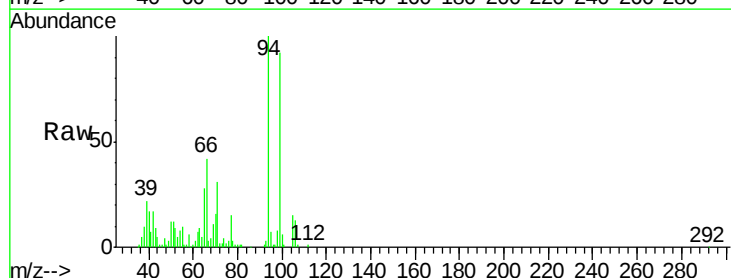
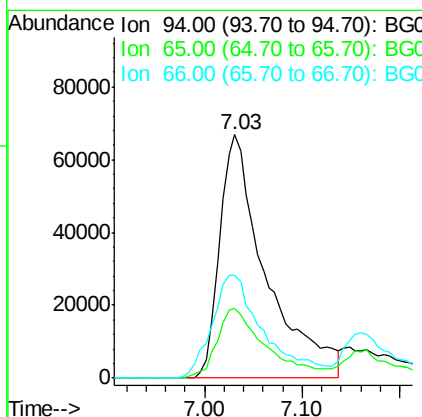
RT: 7.03 min Scan# 637

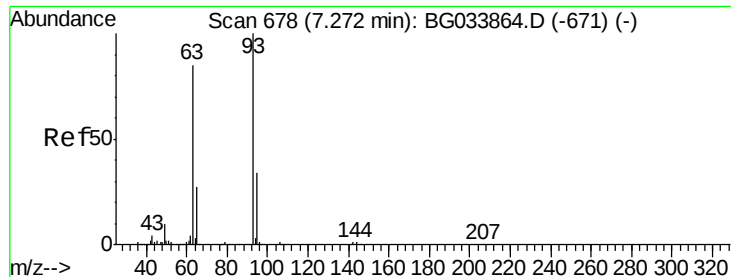
Delta R.T. -0.00 min

Lab File: BG034031.D

Acq: 27 Apr 2018 3:45

Tgt Ion	Ratio	Lower	Upper
94	100		
65	28.4	11.9	51.9
66	42.3	22.2	62.2





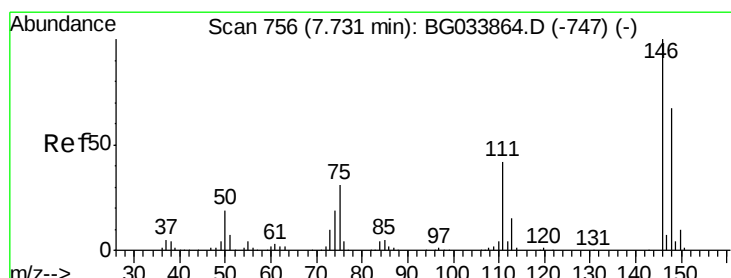
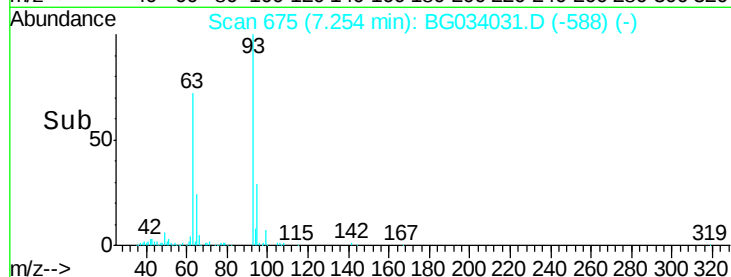
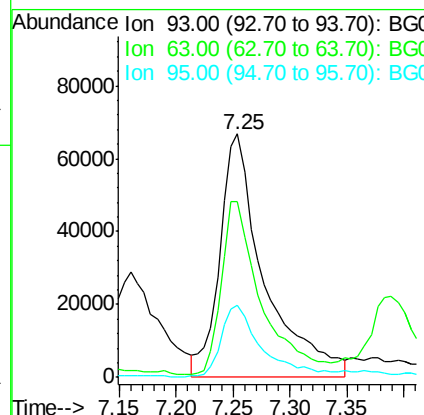
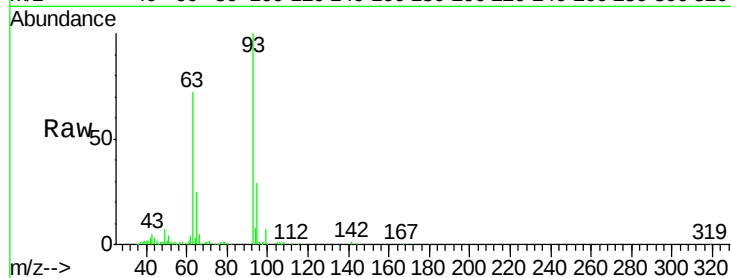
#11
bis(2-Chloroethyl)ether
Concen: 44.156 ng m
RT: 7.25 min Scan# 675
Delta R.T. -0.02 min
Lab File: BG034031.D
Acq: 27 Apr 2018 3:45

Instrument :
BNA_G
ClientSampleId :
PB108616BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		181873		
63	72.3	67.1	107.1		
95	29.4	11.5	51.5		

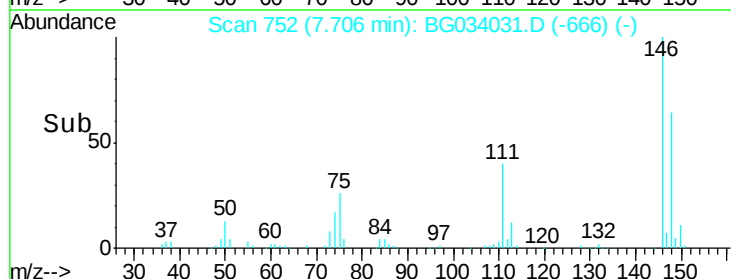
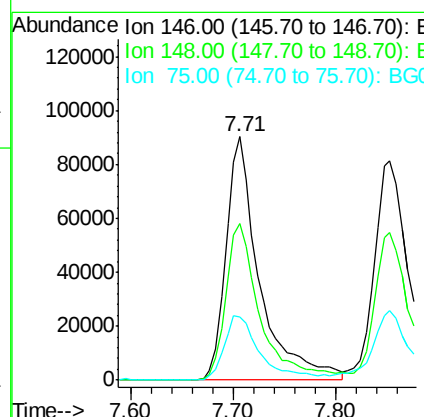
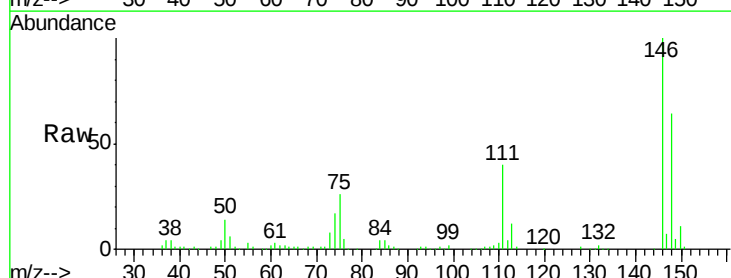
Manual Integrations
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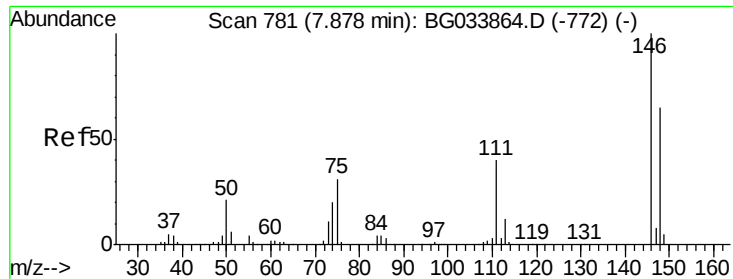
Sohil
4/27/2018 7:31:11 PM



#12
1,3-Dichlorobenzene
Concen: 44.153 ng m
RT: 7.71 min Scan# 752
Delta R.T. -0.02 min
Lab File: BG034031.D
Acq: 27 Apr 2018 3:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		205268		
148	64.4	51.4	77.2		
75	26.0	26.6	39.8#		





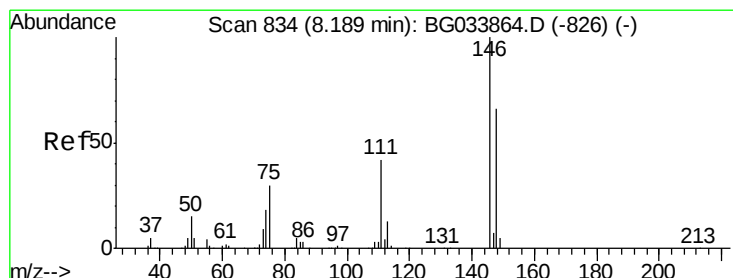
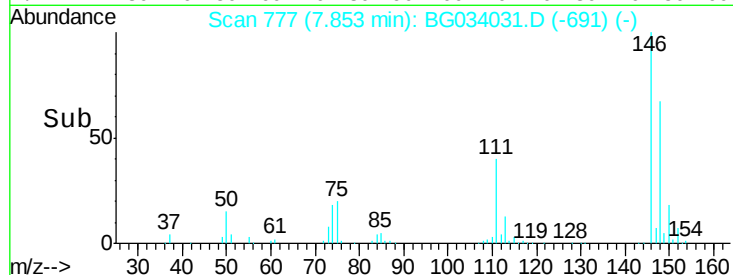
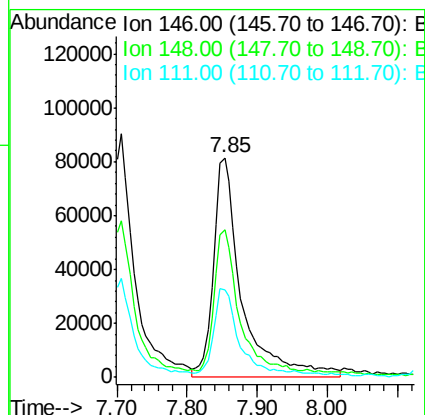
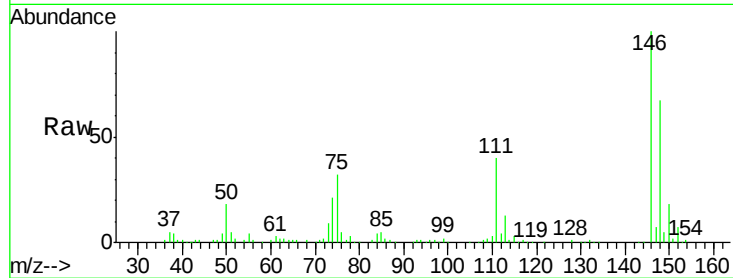
#13
 1,4-Dichlorobenzene
 Concen: 49.054 ng m
 RT: 7.85 min Scan# 777
 Delta R.T. -0.02 min
 Lab File: BG034031.D
 Acq: 27 Apr 2018 3:45

Instrument :
 BNA_G
 ClientSampled :
 PB108616BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	67.0	53.7	80.5
111	39.6	35.2	52.8

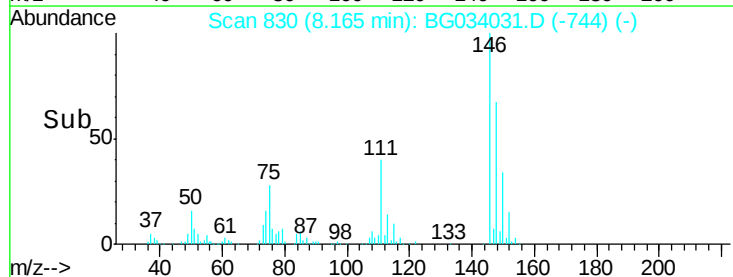
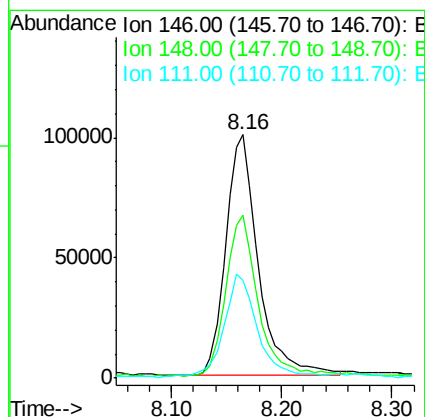
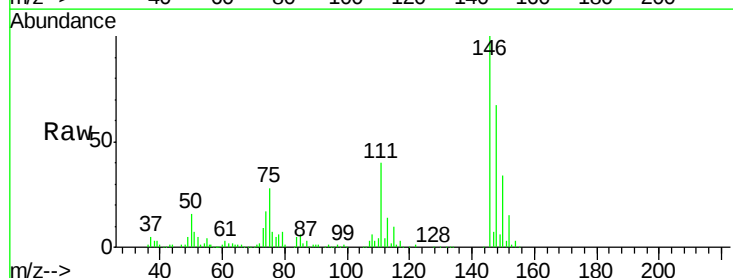
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#14
 1,2-Dichlorobenzene
 Concen: 44.841 ng
 RT: 8.16 min Scan# 830
 Delta R.T. -0.02 min
 Lab File: BG034031.D
 Acq: 27 Apr 2018 3:45

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.2	49.3	73.9
111	40.4	34.3	51.5





#15

Benzyl Alcohol

Concen: 32.300 ng

RT: 8.07 min Scan# 814

Delta R.T. -0.00 min

Lab File: BG034031.D

Acq: 27 Apr 2018 3:45

Instrument :

BNA_G

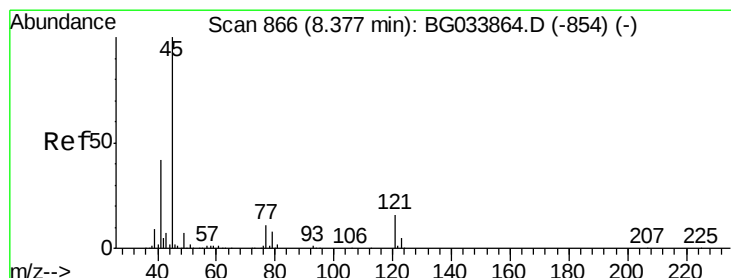
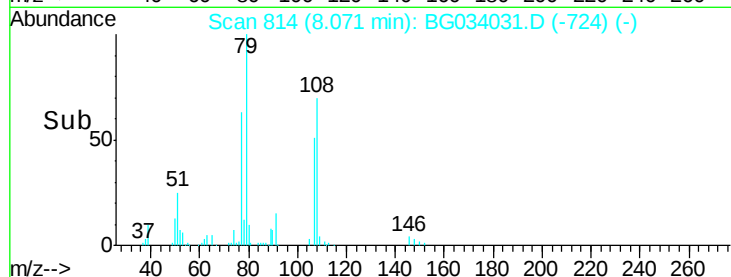
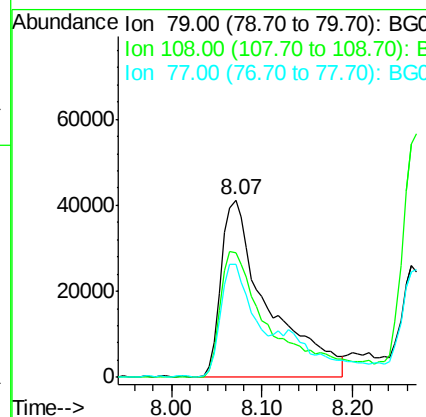
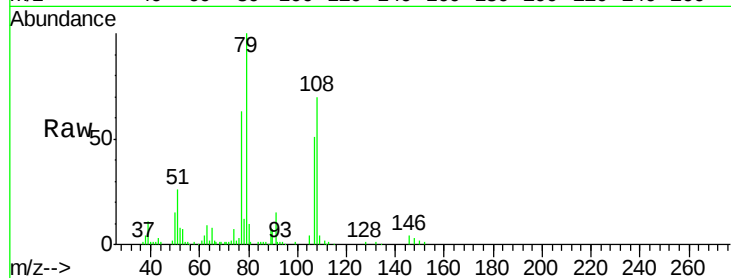
ClientSampled :

PB108616BS

Tot Ion:	79	Resp:	148063
Ion Ratio	Lower	Upper	
79	100		
108	69.8	57.2	85.8
77	63.5	46.1	69.1

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.449 ng

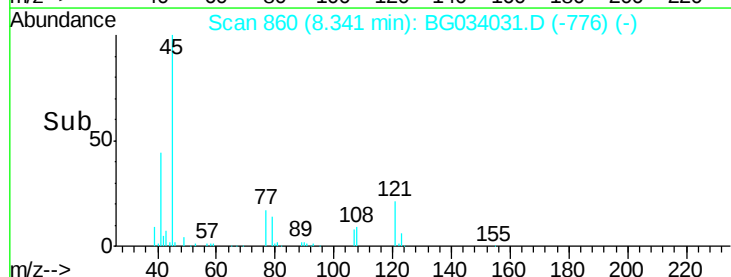
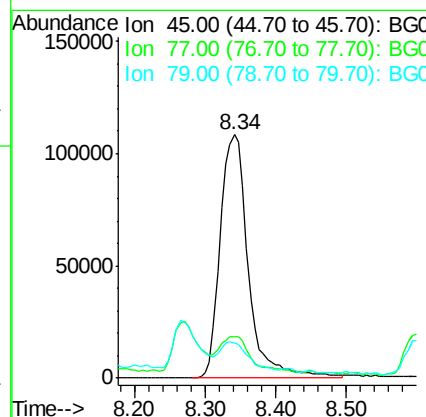
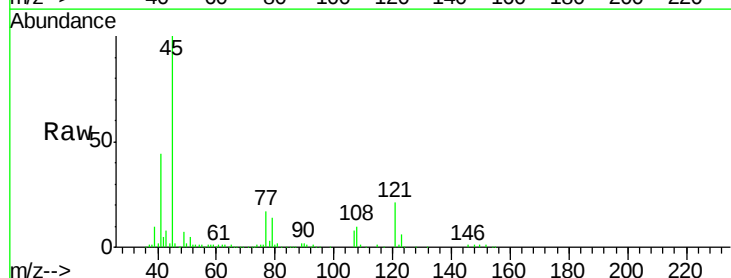
RT: 8.34 min Scan# 860

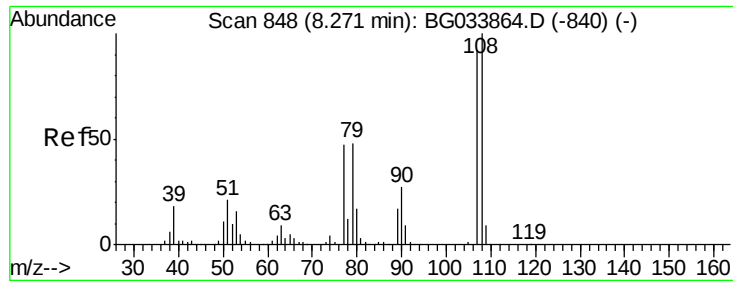
Delta R.T. -0.04 min

Lab File: BG034031.D

Acq: 27 Apr 2018 3:45

Tgt Ion:	45	Resp:	300847
Ion Ratio	Lower	Upper	
45	100		
77	17.1	0.0	30.2
79	14.1	0.0	27.9





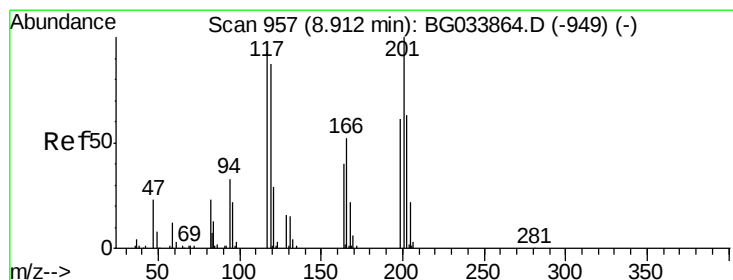
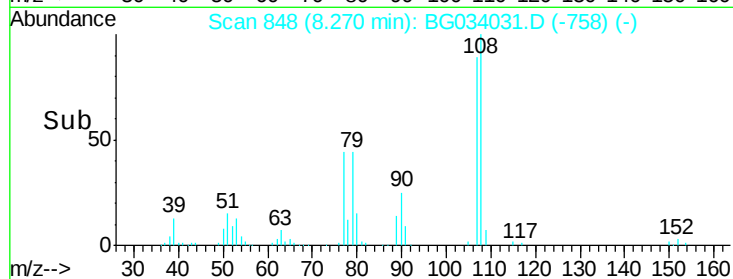
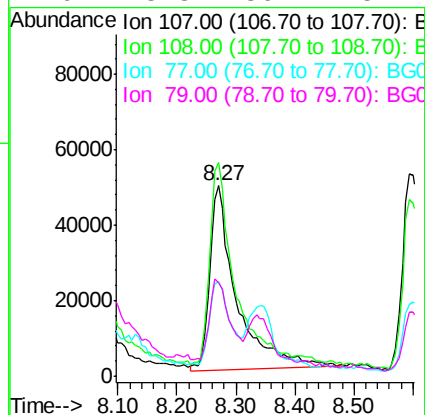
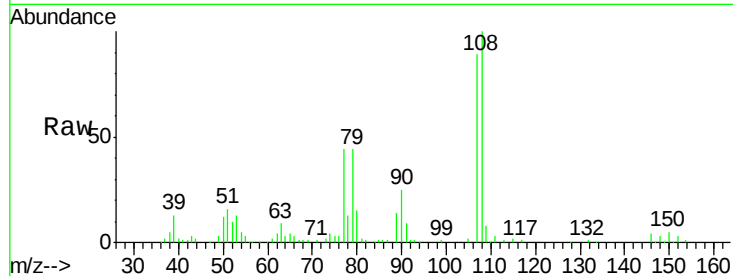
#17
2-Methylphenol
Concen: 39.151 ng
RT: 8.27 min Scan# 848
Delta R.T. -0.00 min
Lab File: BG034031.D
Acq: 27 Apr 2018 3:45

Instrument :
BNA_G
ClientSampleId :
PB108616BS

Tot Ion:	107	Resp:	156246
Ion Ratio	Lower	Upper	
107	100		
108	112.1	83.9	125.9
77	49.6	37.2	55.8
79	48.8	36.2	54.2

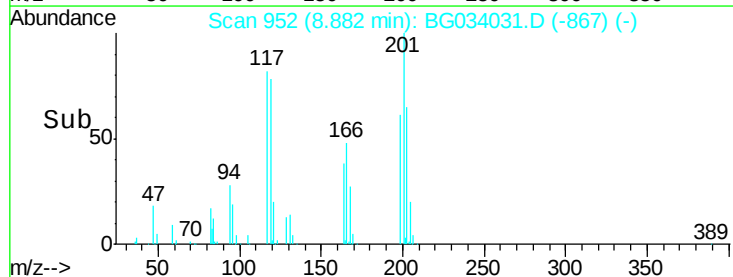
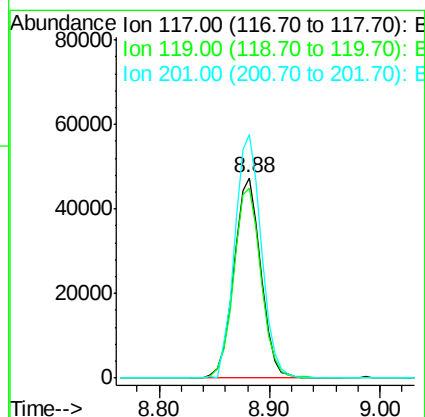
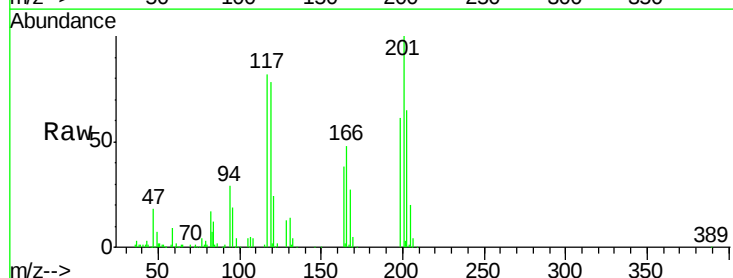
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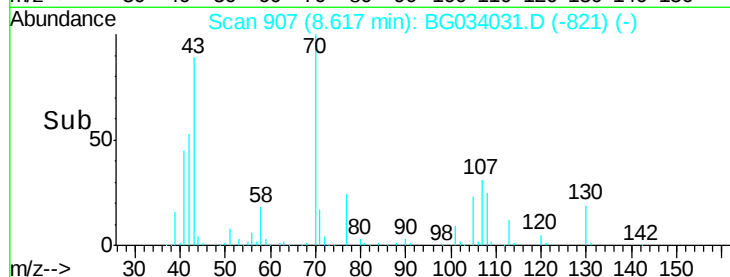
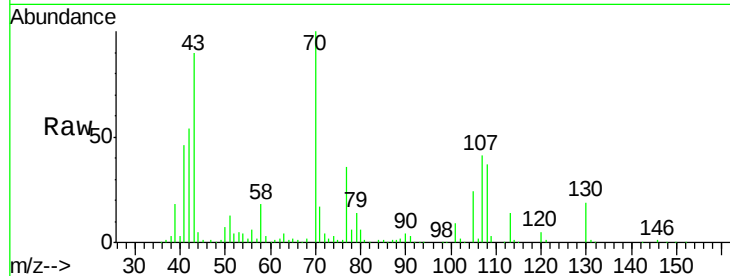
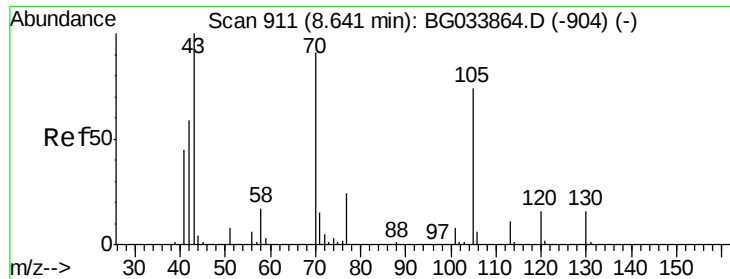
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#18
Hexachloroethane
Concen: 46.975 ng
RT: 8.88 min Scan# 952
Delta R.T. -0.03 min
Lab File: BG034031.D
Acq: 27 Apr 2018 3:45

Tgt Ion:	117	Resp:	80828
Ion Ratio	Lower	Upper	
117	100		
119	94.9	76.7	115.1
201	124.6	95.7	143.5





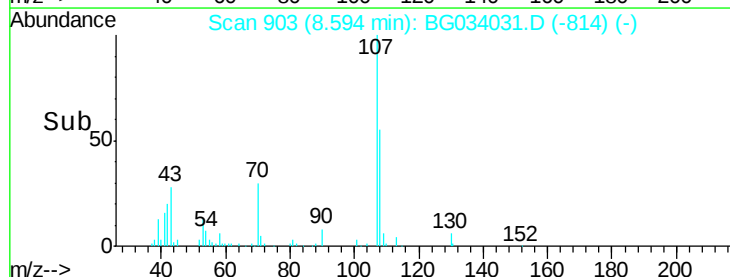
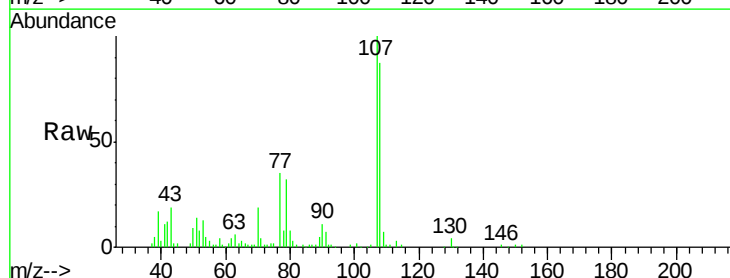
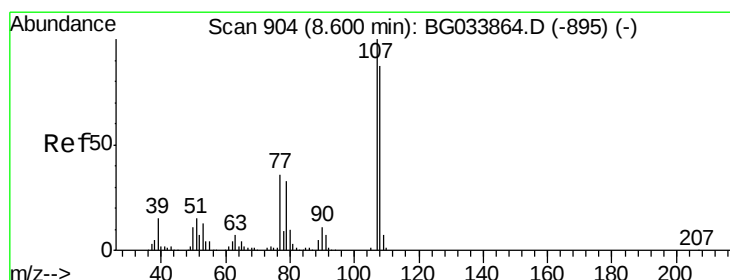
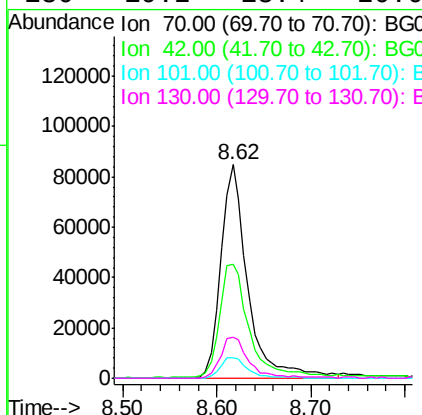
#19
n-Nitroso-di-n-propylamine
Concen: 37.606 ng
RT: 8.62 min Scan# 907
Delta R.T. -0.02 min
Lab File: BG034031.D
Acq: 27 Apr 2018 3:45

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		168516		
42	53.6	49.1	73.7		
101	9.3	8.5	12.7		
130	19.2	13.4	20.0		

Instrument :
BNA_G
ClientSampleId :
PB108616BS

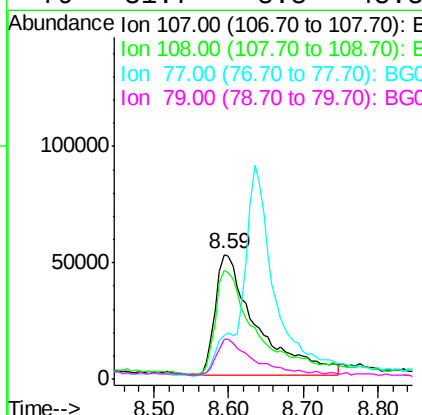
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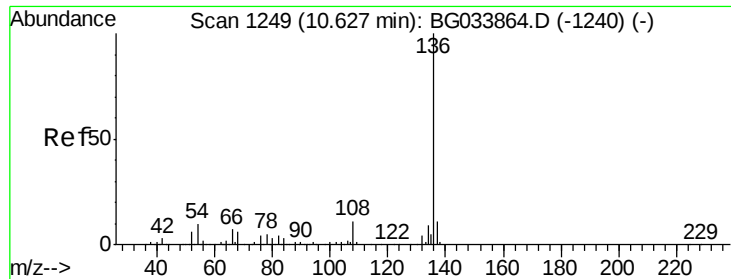
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#20
3+4-Methylphenols
Concen: 34.444 ng
RT: 8.59 min Scan# 903
Delta R.T. -0.01 min
Lab File: BG034031.D
Acq: 27 Apr 2018 3:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		199734		
108	87.2	61.6	101.6		
77	35.3	13.9	53.9		
79	31.7	8.8	48.8		





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.60 min Scan# 1244

Delta R.T. -0.03 min

Lab File: BG034031.D

Acq: 27 Apr 2018 3:45

Instrument :

BNA_G

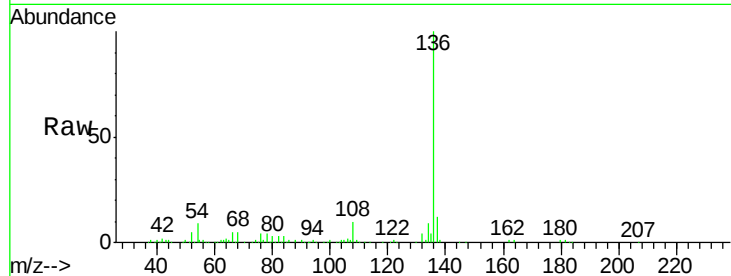
ClientSampleId :

PB108616BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	281310		
137	11.9	9.2	13.8	
54	8.7	10.3	15.5	
68	5.3	4.5	6.7	

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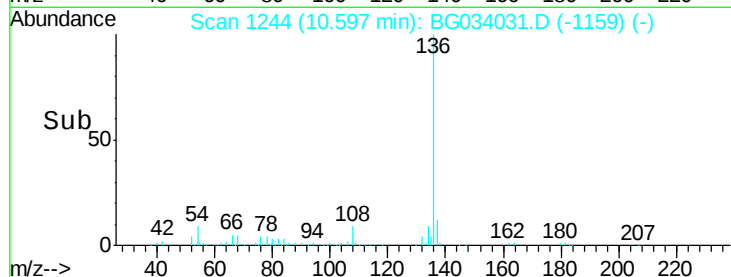


Abundance Ion 136.00 (135.70 to 136.70): E

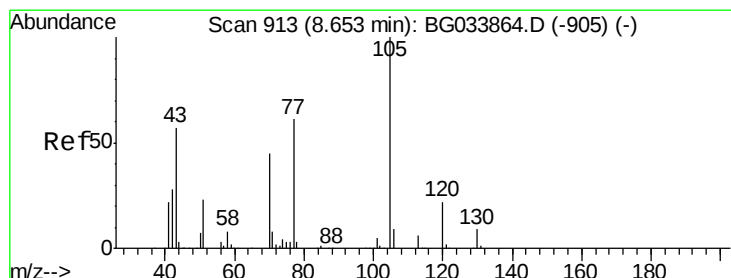
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



Time-->



#22

Acetophenone

Concen: 37.571 ng

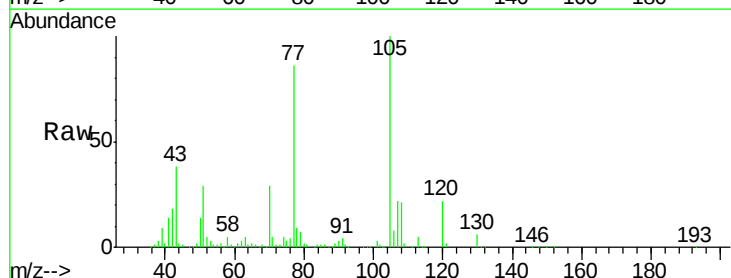
RT: 8.63 min Scan# 910

Delta R.T. -0.02 min

Lab File: BG034031.D

Acq: 27 Apr 2018 3:45

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	287657		
71	4.6	3.0	4.4	
51	29.0	26.1	39.1	
120	22.4	17.4	26.2	

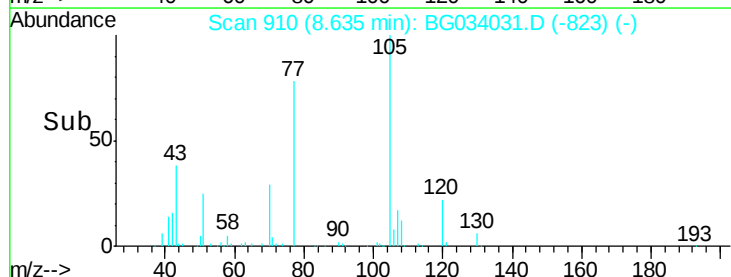


Abundance Ion 105.00 (104.70 to 105.70): E

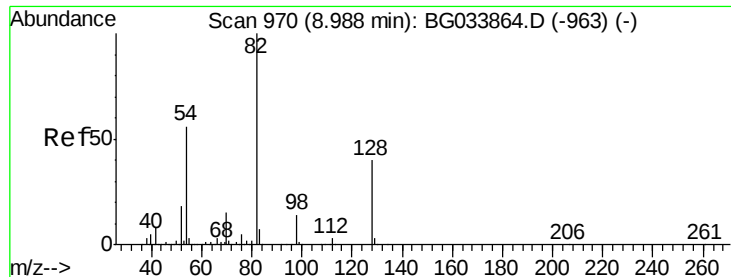
Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E



Time-->



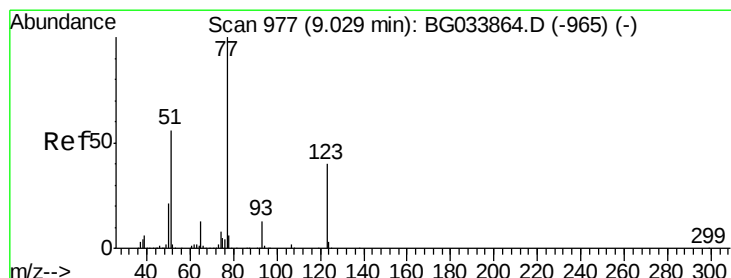
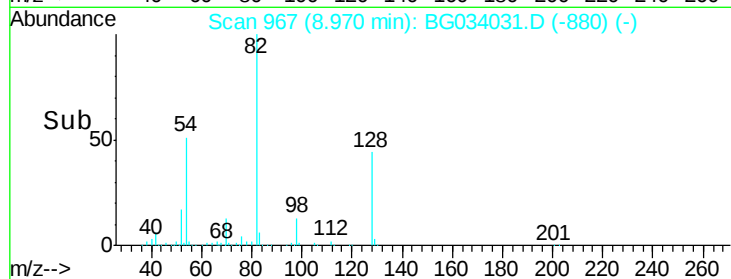
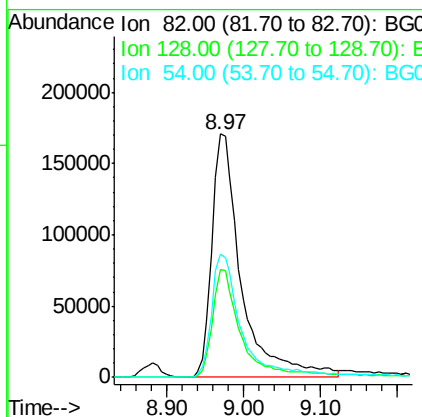
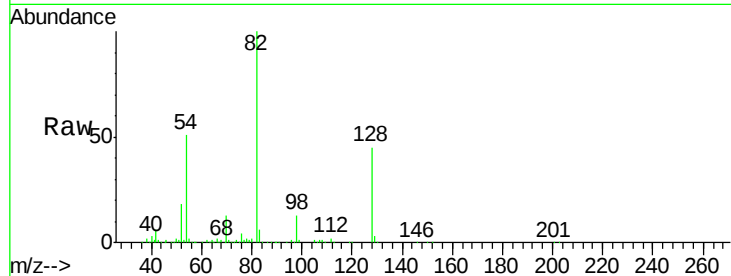
#23
 Nitrobenzene-d5
 Concen: 91.319 ng
 RT: 8.97 min Scan# 967
 Delta R.T. -0.02 min
 Lab File: BG034031.D
 Acq: 27 Apr 2018 3:45

Instrument :
 BNA_G
 ClientSampleId :
 PB108616BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.5	29.7	44.5
54	50.8	43.1	64.7

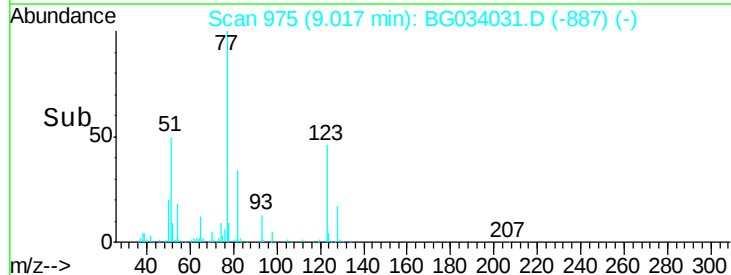
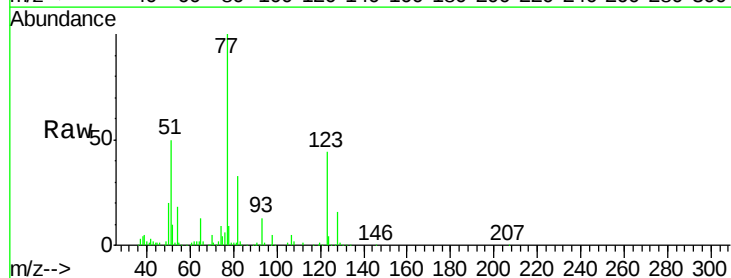
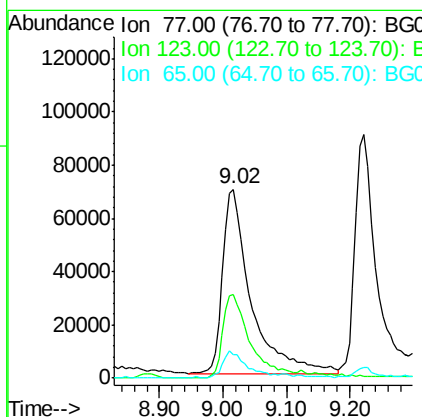
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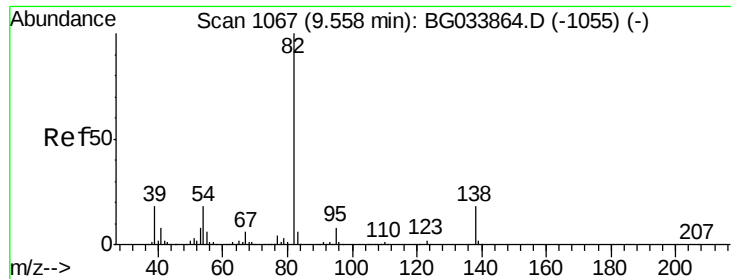
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#24
 Nitrobenzene
 Concen: 40.615 ng
 RT: 9.02 min Scan# 975
 Delta R.T. -0.01 min
 Lab File: BG034031.D
 Acq: 27 Apr 2018 3:45

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.3	33.0	49.6
65	12.7	13.0	19.6#





#25

Isophorone

Concen: 43.556 ng

RT: 9.53 min Scan# 1062

Delta R.T. -0.03 min

Lab File: BG034031.D

Acq: 27 Apr 2018 3:45

Instrument :

BNA_G

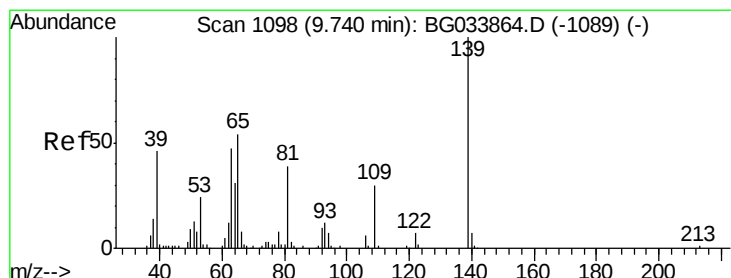
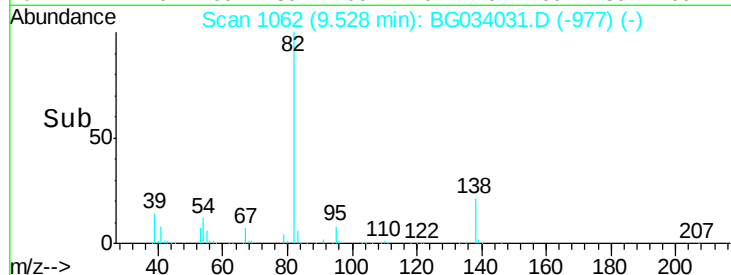
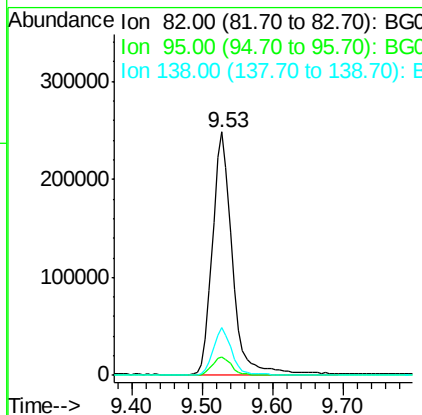
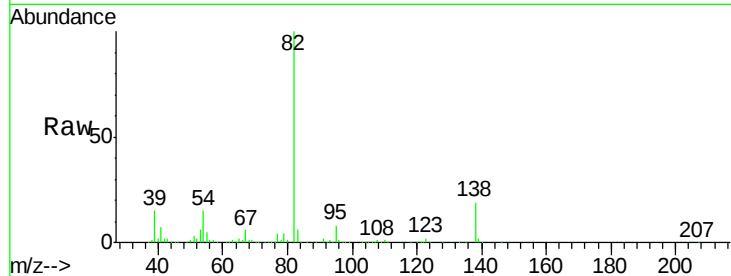
ClientSampleId :

PB108616BS

Tot Ion	82	Resp	484063
Ion	Ratio	Lower	Upper
82	100		
95	7.7	6.2	9.2
138	19.4	12.1	18.1#

Manual Integrations
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#26

2-Nitrophenol

Concen: 48.262 ng

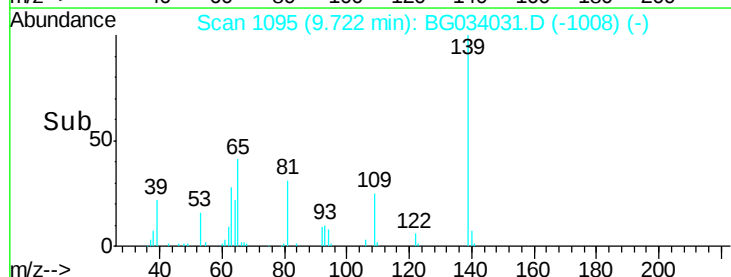
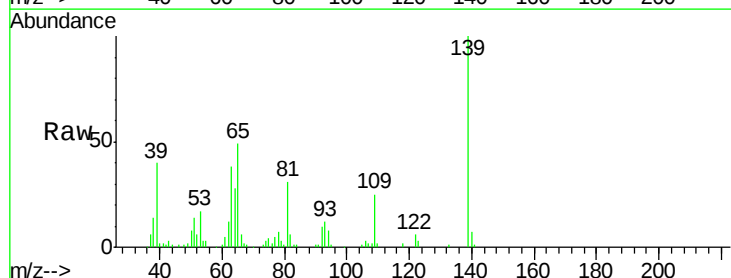
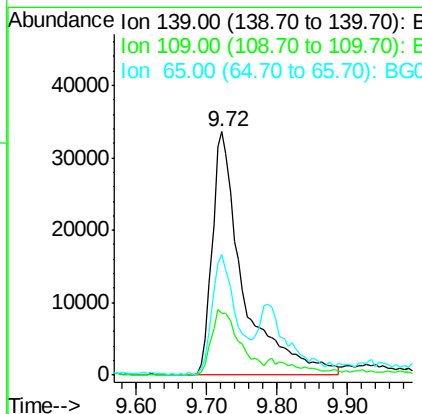
RT: 9.72 min Scan# 1095

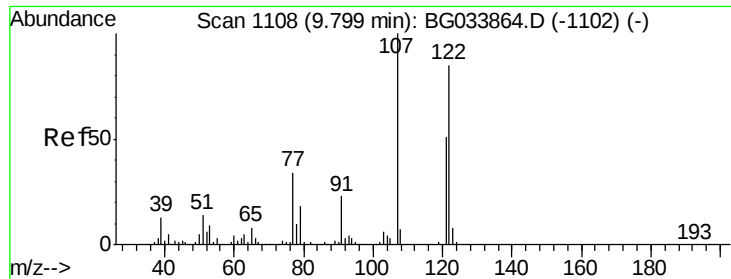
Delta R.T. -0.02 min

Lab File: BG034031.D

Acq: 27 Apr 2018 3:45

Tgt Ion	139	Resp	102717
Ion	Ratio	Lower	Upper
139	100		
109	25.4	24.2	36.2
65	49.4	47.4	71.0





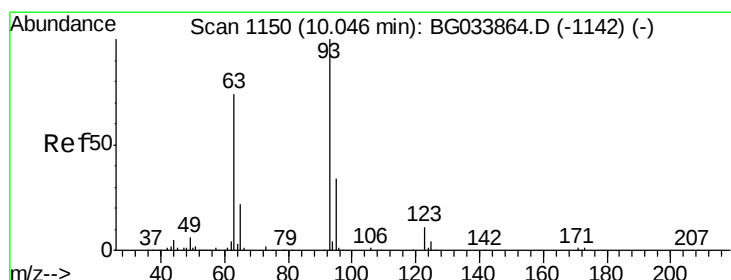
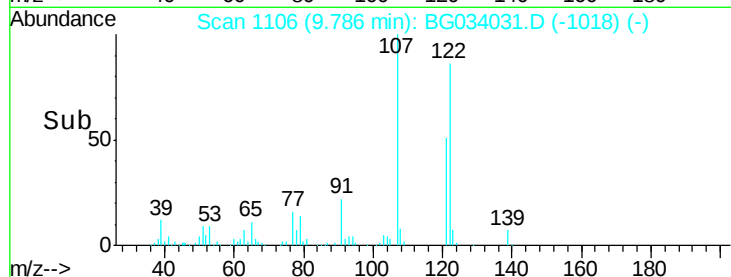
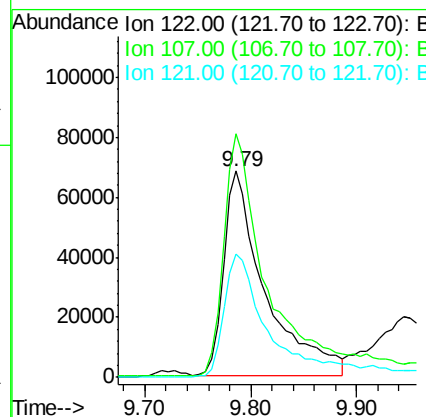
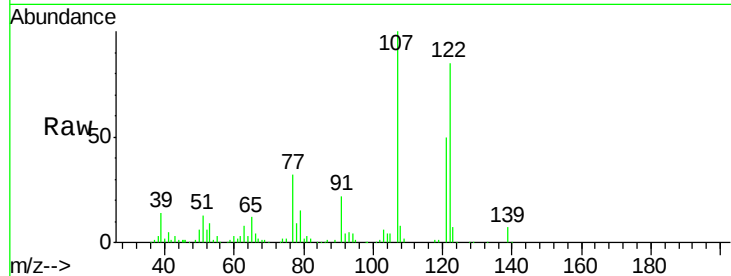
#27
2,4-Dimethylphenol
Concen: 46.277 ng
RT: 9.79 min Scan# 1106
Delta R.T. -0.01 min
Lab File: BG034031.D
Acq: 27 Apr 2018 3:45

Instrument :
BNA_G
ClientSampled :
PB108616BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	118.2	100.2	150.2
121	59.7	44.4	66.6

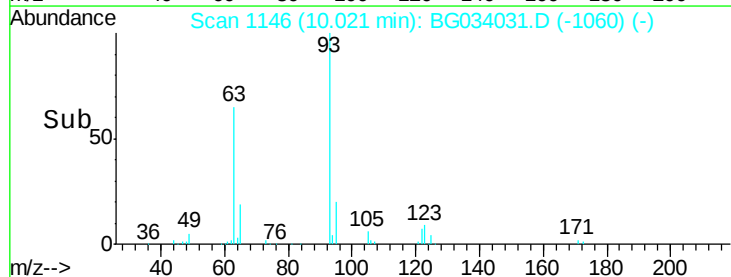
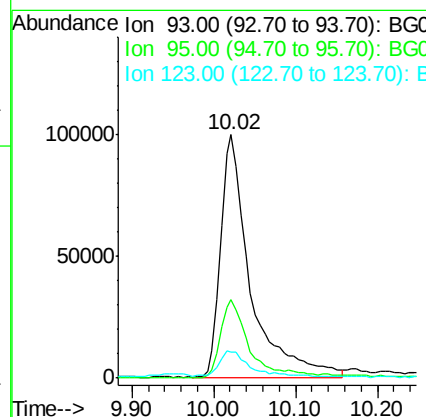
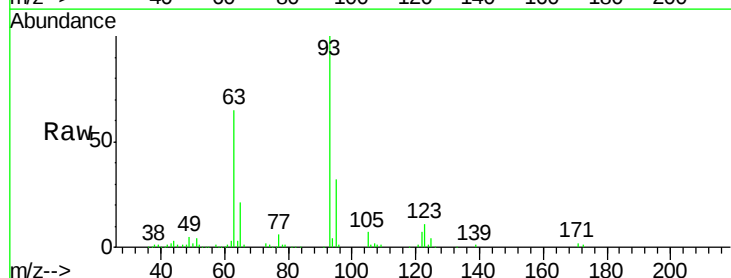
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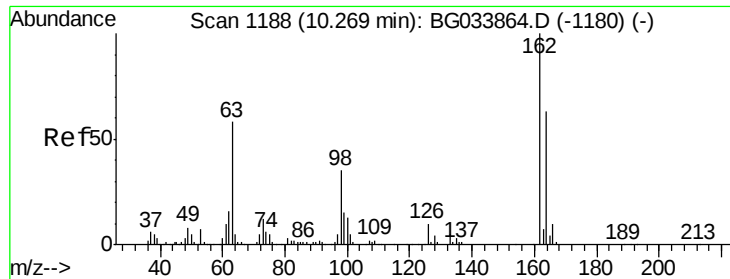
Sohil
4/27/2018 7:31:11 PM



#28
bis(2-Chloroethoxy)methane
Concen: 43.016 ng
RT: 10.02 min Scan# 1146
Delta R.T. -0.02 min
Lab File: BG034031.D
Acq: 27 Apr 2018 3:45

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	24.3	36.5
123	10.7	8.4	12.6





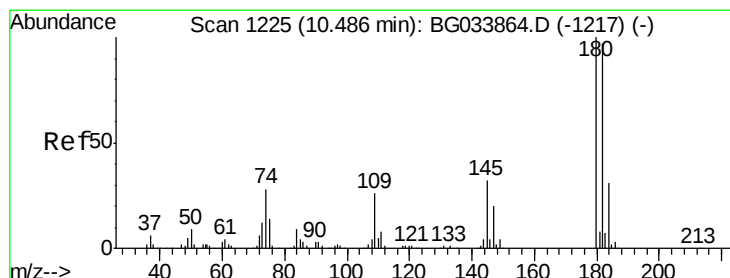
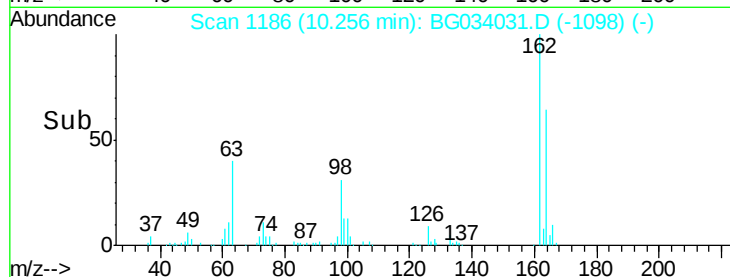
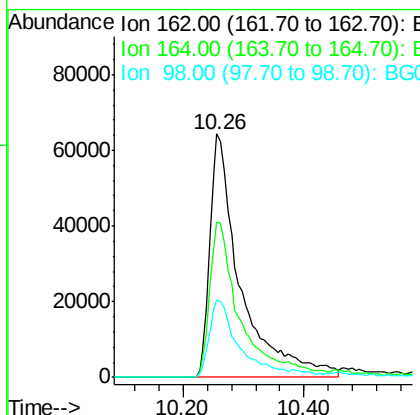
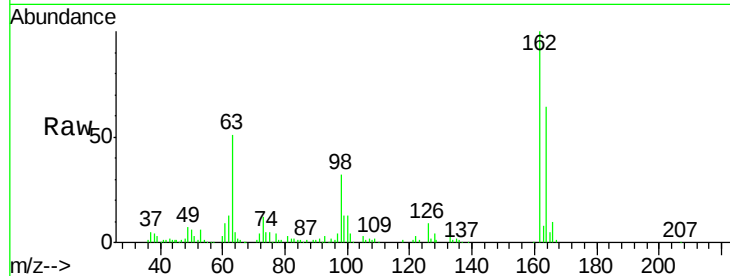
#29
2,4-Dichlorophenol
Concen: 50.950 ng
RT: 10.26 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BG034031.D
Acq: 27 Apr 2018 3:45

Instrument :
BNA_G
ClientSampleId :
PB108616BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	226106		
164	63.9	48.0	88.0	
98	31.7	21.1	61.1	

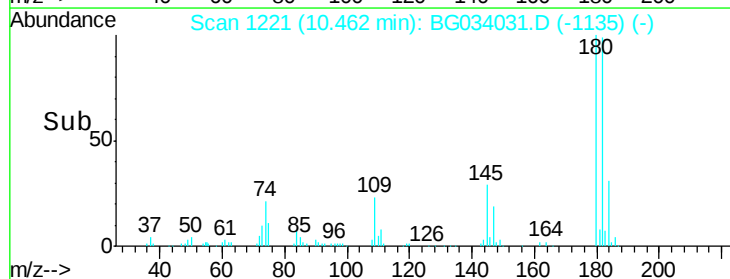
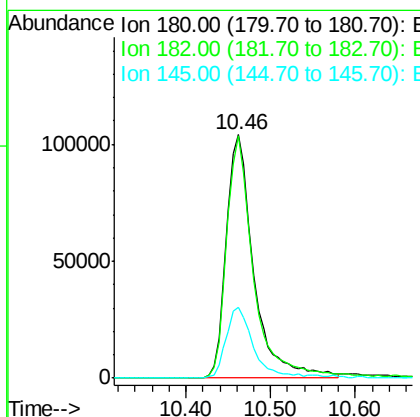
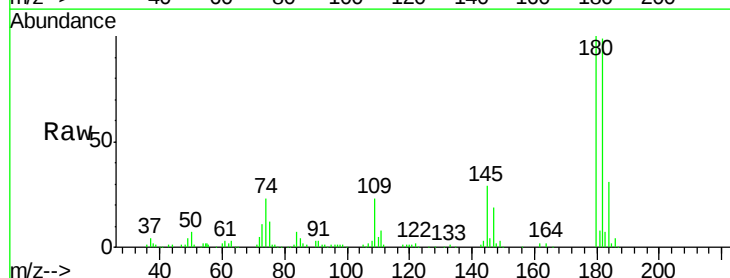
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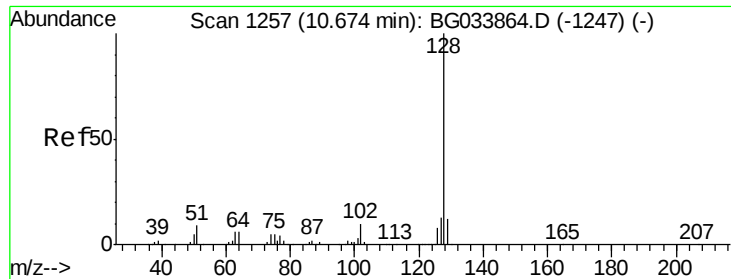
Sohil
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#30
1,2,4-Trichlorobenzene
Concen: 47.021 ng
RT: 10.46 min Scan# 1221
Delta R.T. -0.02 min
Lab File: BG034031.D
Acq: 27 Apr 2018 3:45

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	233715		
182	99.3	77.5	116.3	
145	28.9	23.4	35.2	





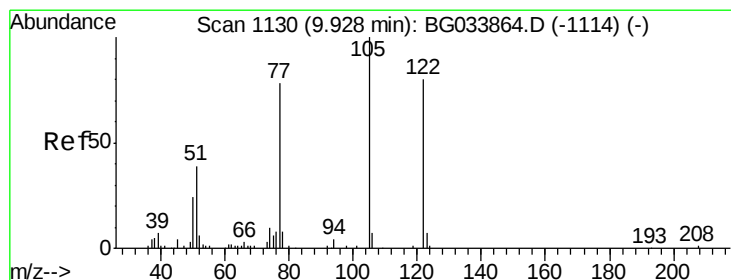
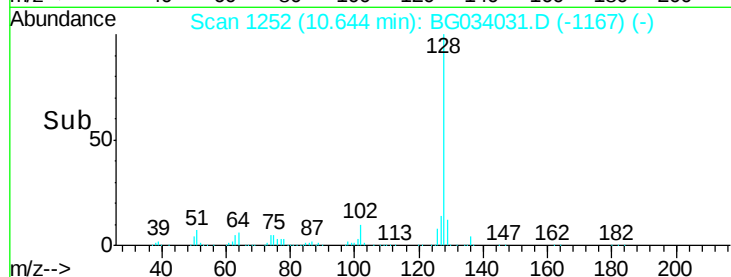
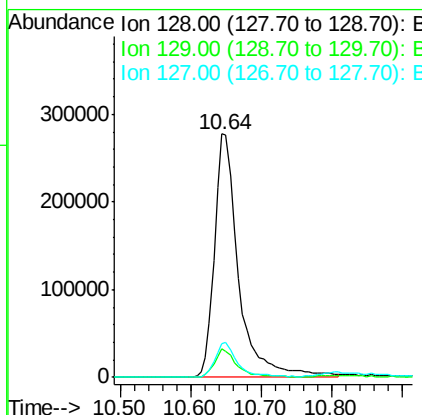
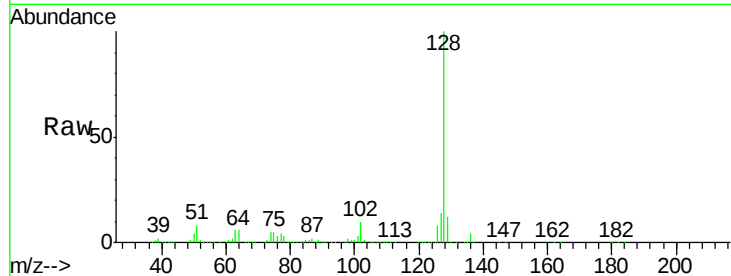
#31
Naphthalene
Concen: 45.788 ng
RT: 10.64 min Scan# 1252
Delta R.T. -0.03 min
Lab File: BG034031.D
Acq: 27 Apr 2018 3:45

Instrument :
BNA_G
ClientSampleId :
PB108616BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.6	12.8
127	13.8	11.6	17.4

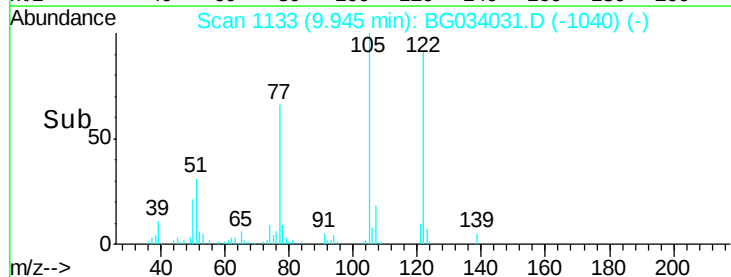
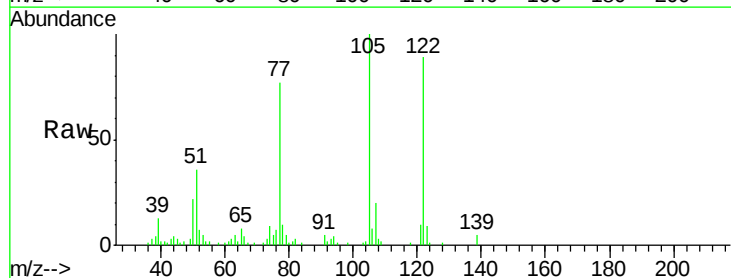
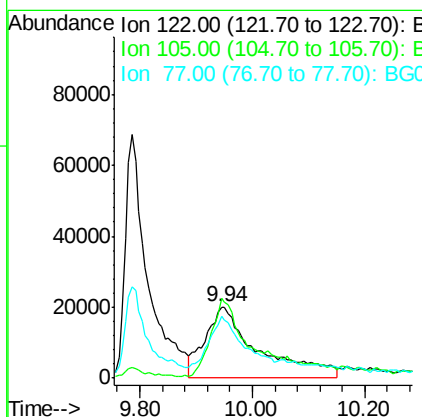
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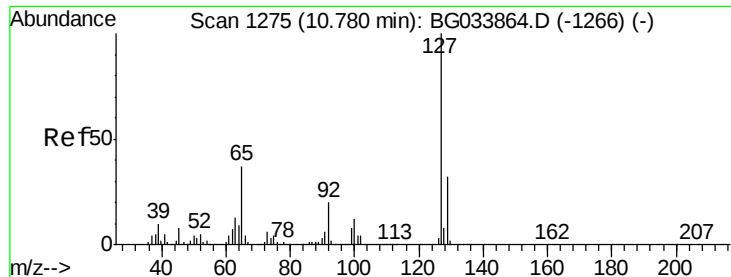
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#32
Benzoic acid
Concen: 35.133 ng m
RT: 9.94 min Scan# 1133
Delta R.T. 0.02 min
Lab File: BG034031.D
Acq: 27 Apr 2018 3:45

Tgt Ion	Ratio	Lower	Upper
122	100		
105	111.8	123.5	163.5#
77	86.3	85.7	125.7





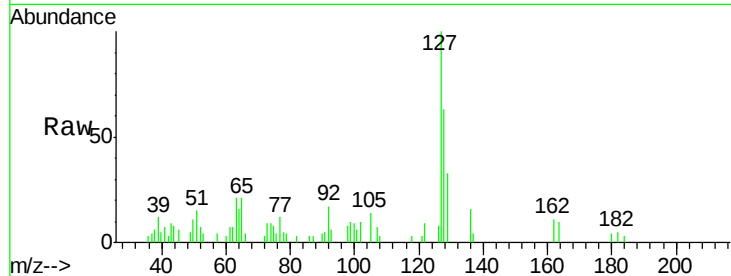
#33
4-Chloroaniline
Concen: 5.868 ng/ml
RT: 10.80 min Scan# 1279
Delta R.T. 0.02 min
Lab File: BG034031.D
Acq: 27 Apr 2018 3:45

Instrument :
BNA_G
ClientSampleId :
PB108616BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.1	24.0	36.0		
65	20.7	27.0	40.4		
92	17.1	16.6	25.0		

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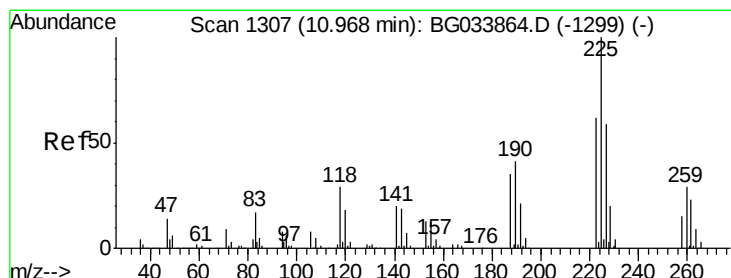
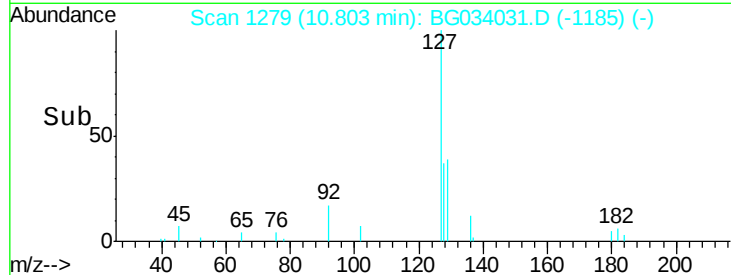
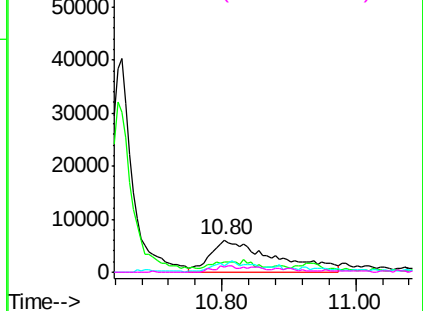
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 50.202 ng
RT: 10.93 min Scan# 1301
Delta R.T. -0.04 min
Lab File: BG034031.D
Acq: 27 Apr 2018 3:45

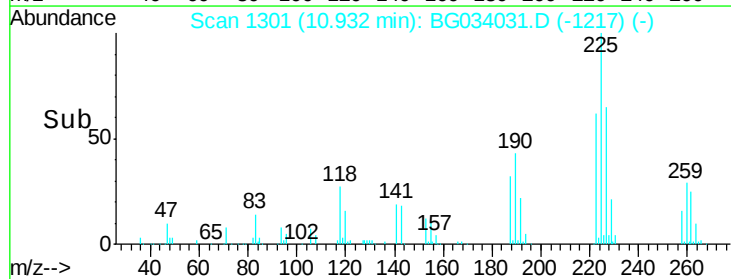
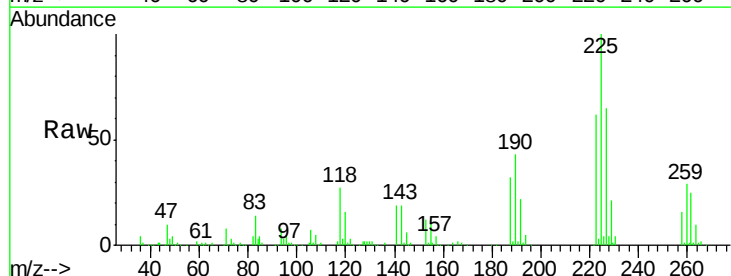
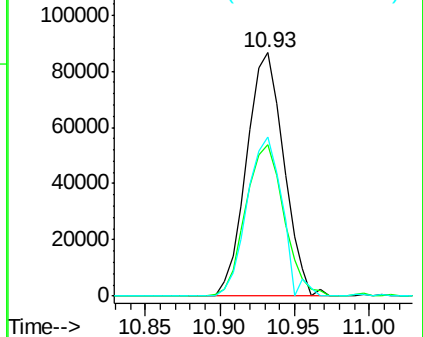
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.9	49.7	74.5		
227	66.0	48.1	72.1		

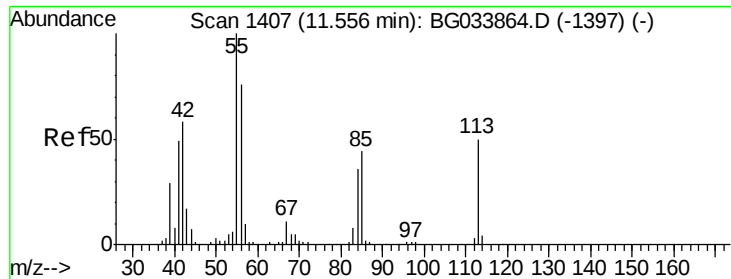
Abundance

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: 47.271 ng/mL

RT: 11.55 min Scan# 1406

Delta R.T. -0.01 min

Lab File: BG034031.D

Acq: 27 Apr 2018 3:45

Instrument :

BNA_G

ClientSampleID :

PB108616BS

Tot Ion:113 Resp: 89190

Ion Ratio Lower Upper

113 100

55 168.7 186.9 226.9#

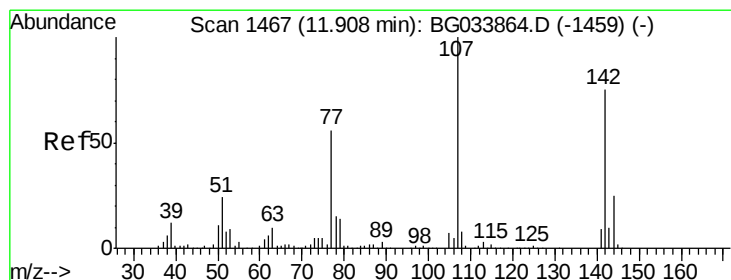
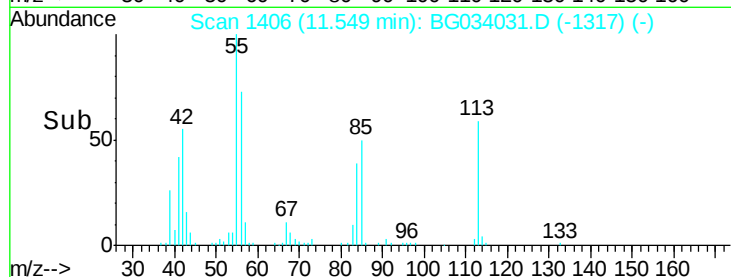
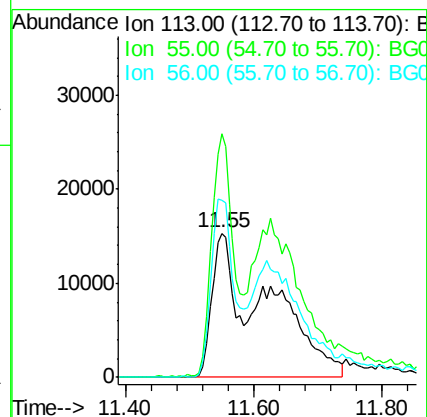
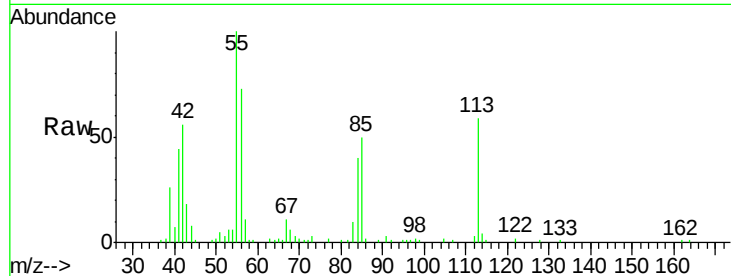
56 122.6 130.9 170.9#

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#36

4-Chloro-3-methylphenol

Concen: 48.254 ng/mL

RT: 11.90 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BG034031.D

Acq: 27 Apr 2018 3:45

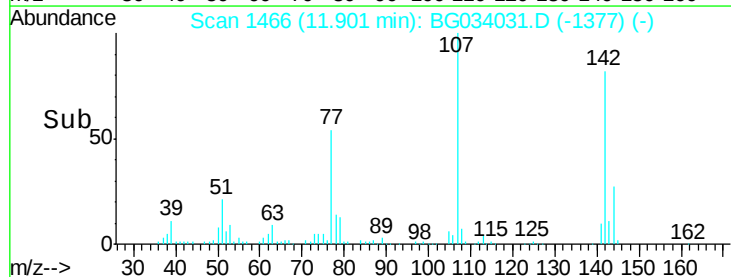
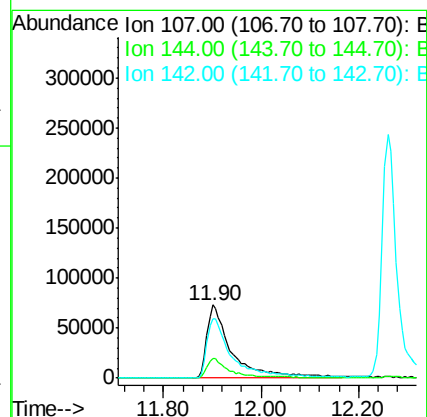
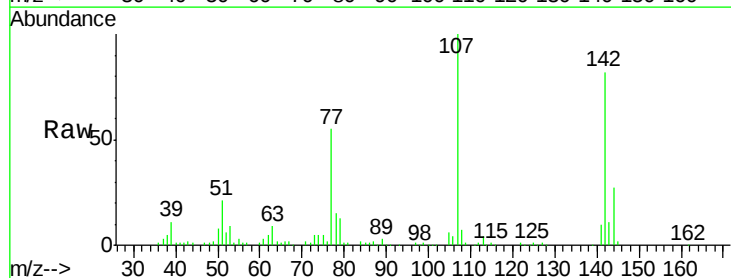
Tgt Ion:107 Resp: 261366

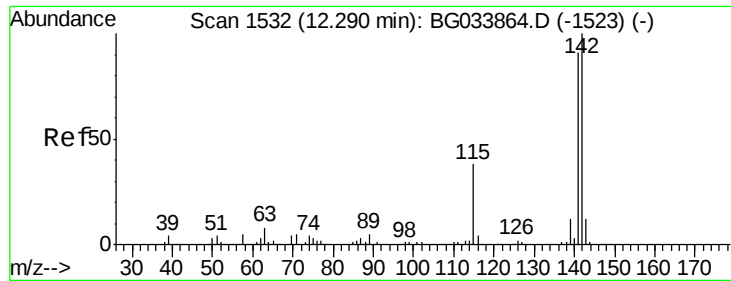
Ion Ratio Lower Upper

107 100

144 27.1 18.2 27.4

142 81.6 59.0 88.4





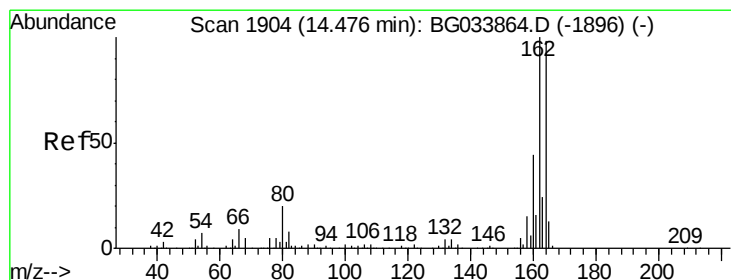
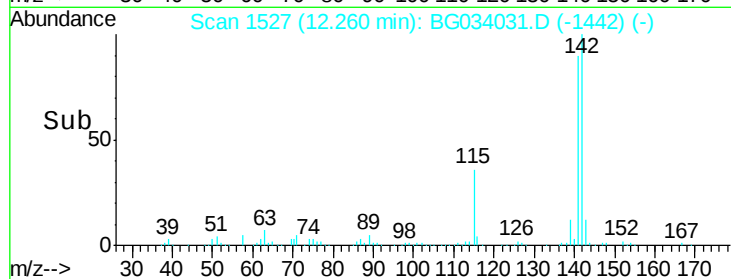
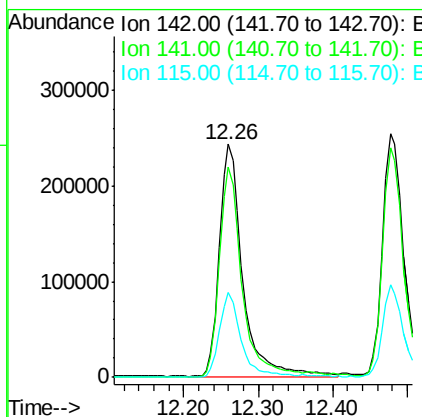
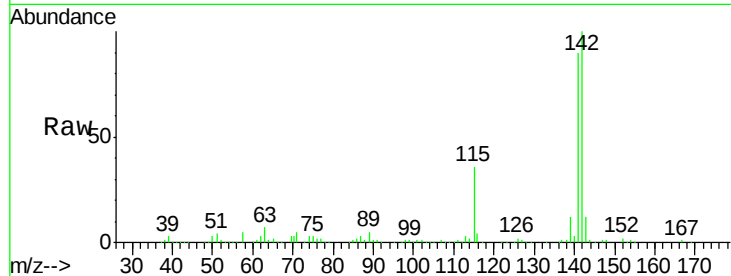
#37
 2-Methylnaphthalene
 Concen: 47.381 ng
 RT: 12.26 min Scan# 1527
 Delta R.T. -0.03 min
 Lab File: BG034031.D
 Acq: 27 Apr 2018 3:45

Instrument :
 BNA_G
 ClientSampleId :
 PB108616BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.1	67.1	100.7
115	36.2	30.7	46.1

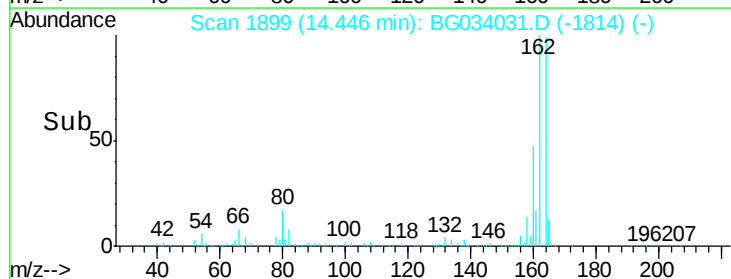
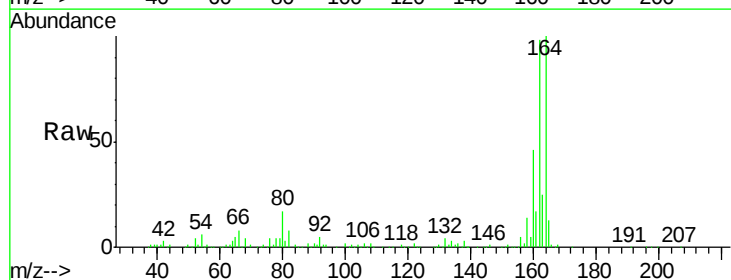
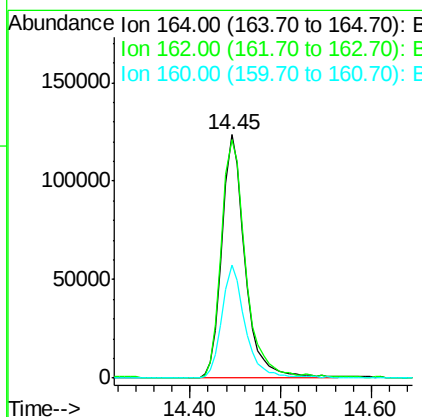
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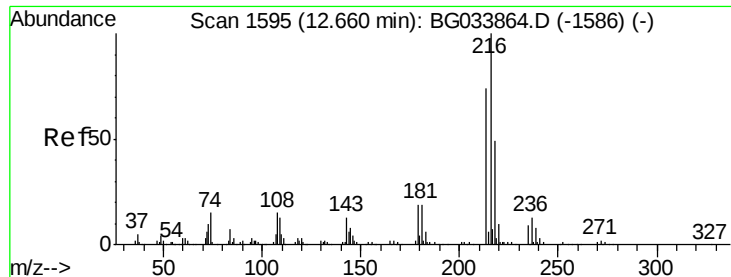
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.45 min Scan# 1899
 Delta R.T. -0.03 min
 Lab File: BG034031.D
 Acq: 27 Apr 2018 3:45

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.9	78.8	118.2
160	46.5	35.4	53.0





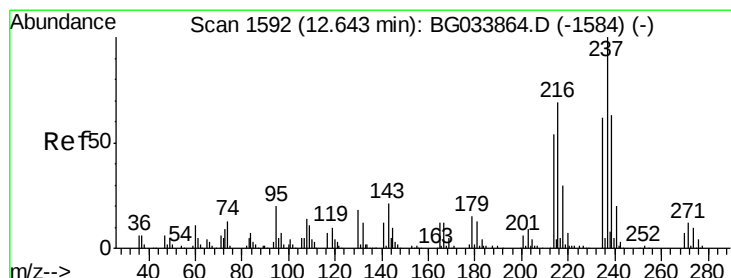
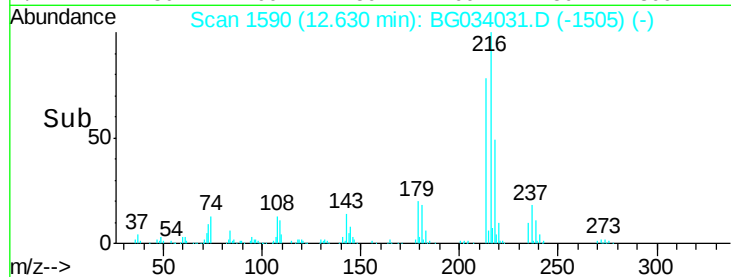
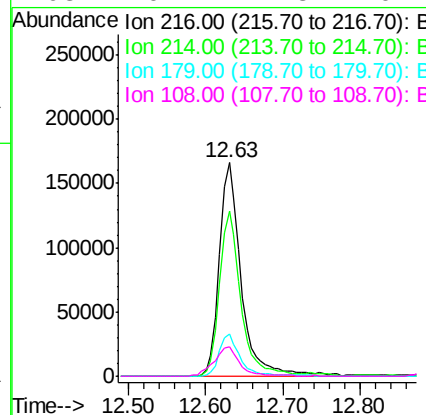
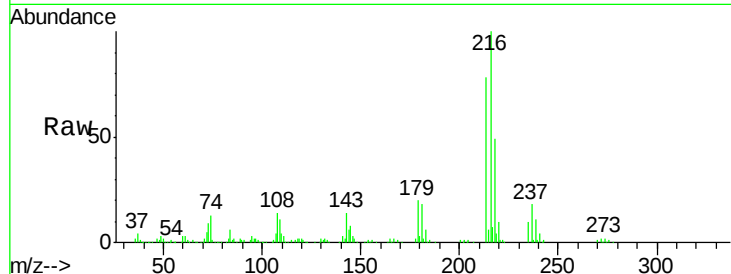
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.534 ng
 RT: 12.63 min Scan# 1590
 Delta R.T. -0.03 min
 Lab File: BG034031.D
 Acq: 27 Apr 2018 3:45

Instrument :
 BNA_G
 ClientSampleId :
 PB108616BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		325465		
214	75.8	63.0	94.4		
179	19.2	17.0	25.6		
108	16.2	12.8	19.2		

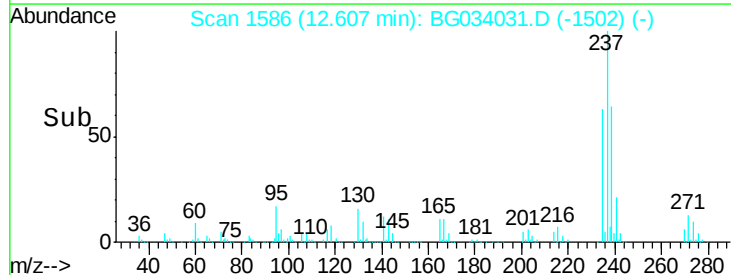
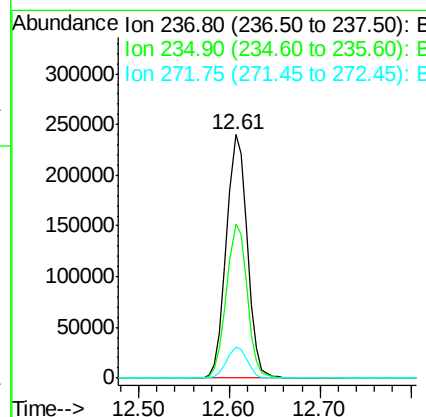
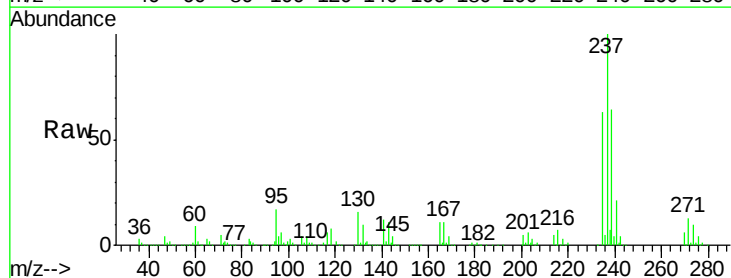
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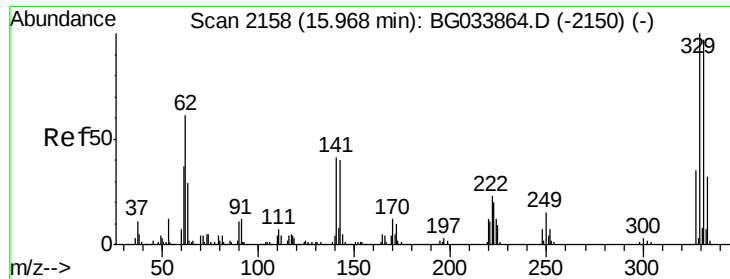
Sohil
 4/27/2018 7:31:11 PM



#40
 Hexachlorocyclopentadiene
 Concen: 95.811 ng
 RT: 12.61 min Scan# 1586
 Delta R.T. -0.04 min
 Lab File: BG034031.D
 Acq: 27 Apr 2018 3:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		385009		
235	63.0	50.4	90.4		
272	12.9	0.0	31.8		





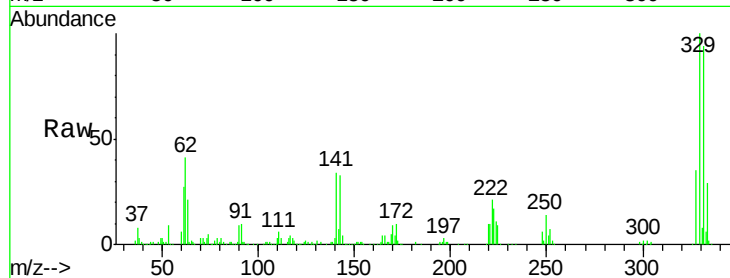
#41
 2,4,6-Tribromophenol
 Concen: 118.666 ng
 RT: 15.94 min Scan# 2154
 Delta R.T. -0.02 min
 Lab File: BG034031.D
 Acq: 27 Apr 2018 3:45

Instrument :
 BNA_G
 ClientSampleId :
 PB108616BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.4	77.0	115.6	
141	34.9	25.2	37.8	

Manual Integrations
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 4/27/2018 7:31:11 PM

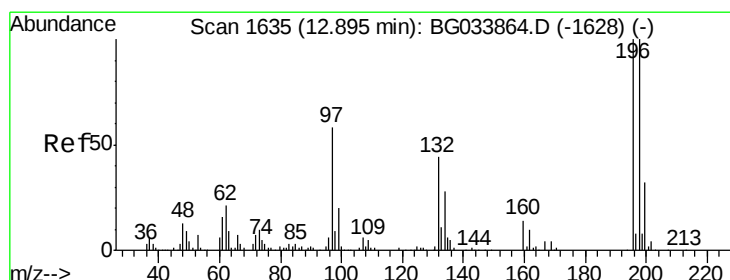
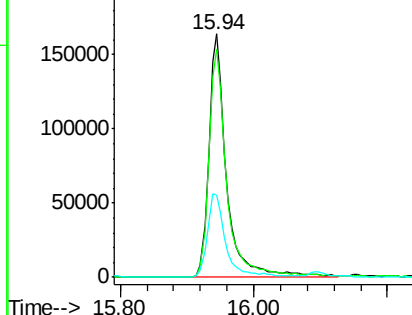
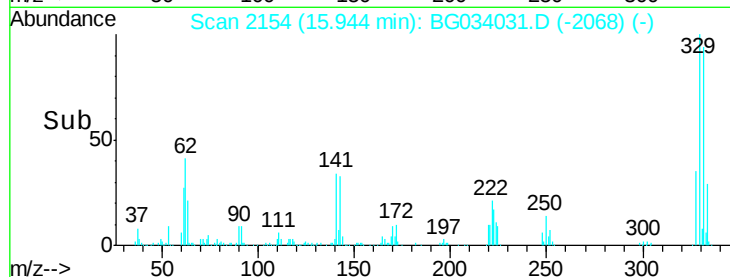


Abundance

Ion 329.80 (329.50 to 330.50): E

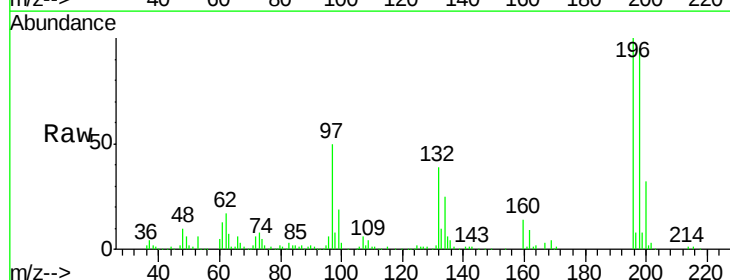
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 45.539 ng
 RT: 12.88 min Scan# 1632
 Delta R.T. -0.02 min
 Lab File: BG034031.D
 Acq: 27 Apr 2018 3:45

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	95.3	78.2	117.2	
200	34.0	24.6	36.8	

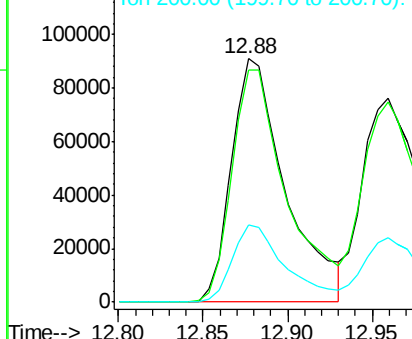
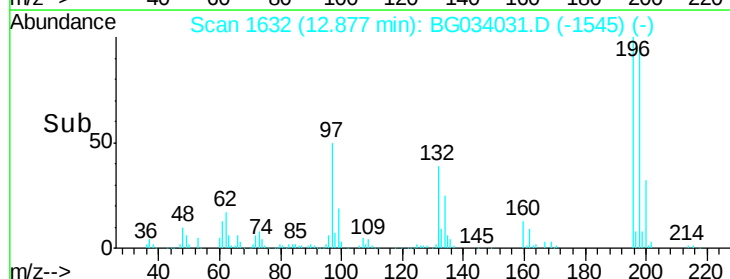


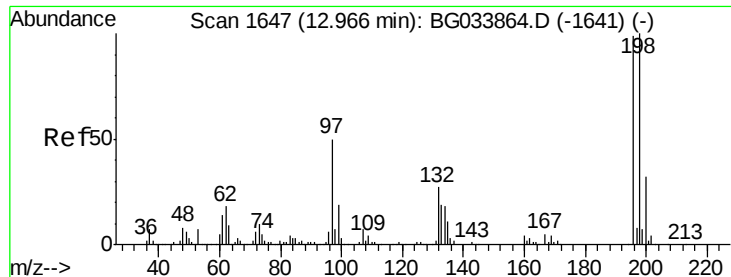
Abundance

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





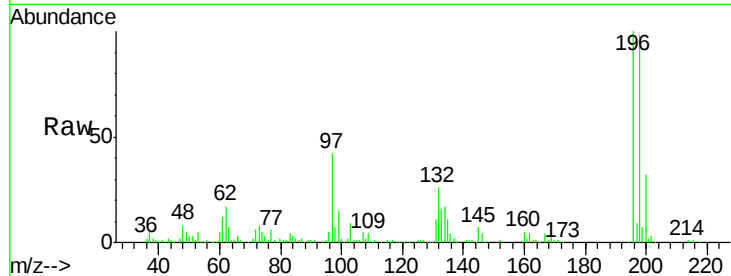
#43
 2,4,5-Trichlorophenol
 Concen: 48.528 ng
 RT: 12.96 min Scan# 1646
 Delta R.T. -0.01 min
 Lab File: BG034031.D
 Acq: 27 Apr 2018 3:45

Instrument :
 BNA_G
 ClientSampleId :
 PB108616BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	248592		
198	105.5	76.2	114.4	
97	42.0	38.7	58.1	
132	25.8	20.2	30.2	

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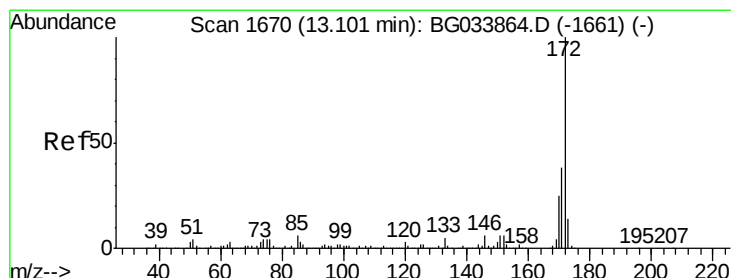
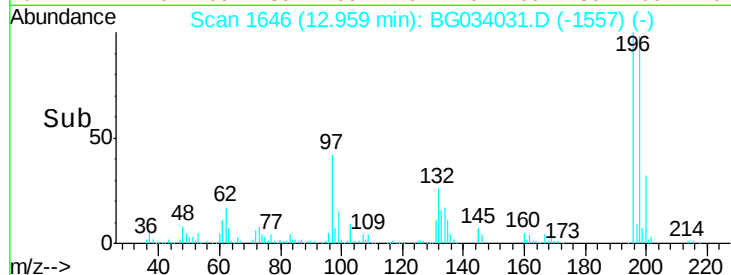
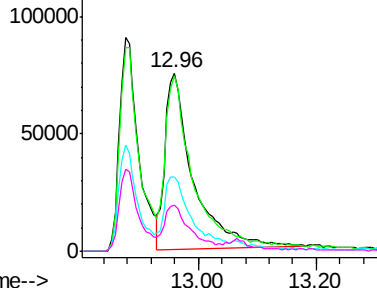
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 96.908 ng
 RT: 13.07 min Scan# 1665
 Delta R.T. -0.03 min
 Lab File: BG034031.D
 Acq: 27 Apr 2018 3:45

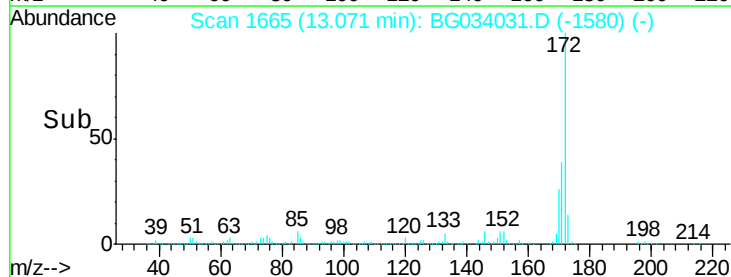
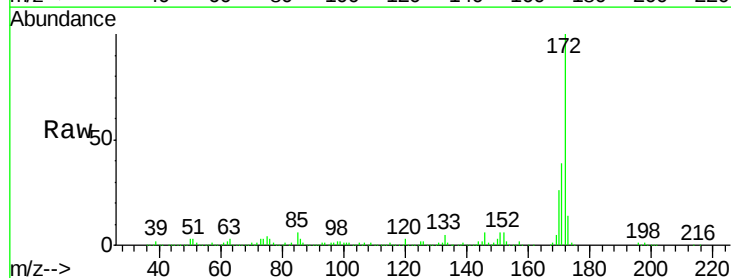
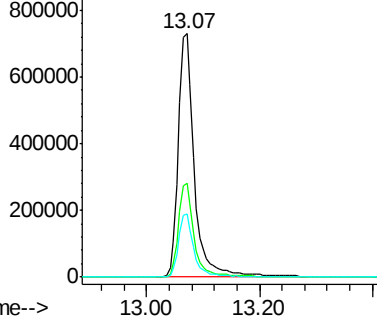
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1451886		
171	38.7	30.0	45.0	
170	25.7	19.5	29.3	

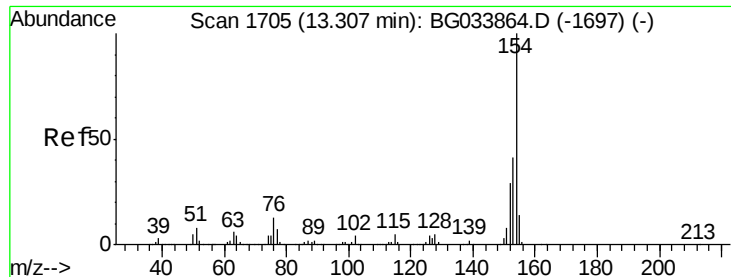
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





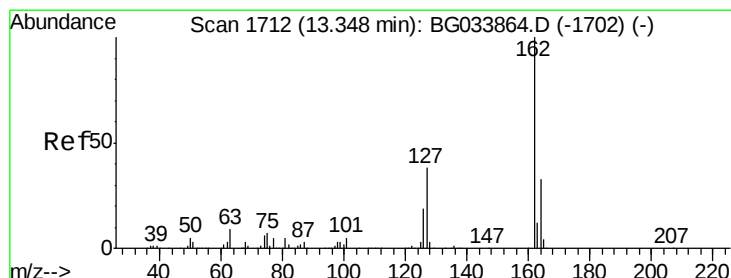
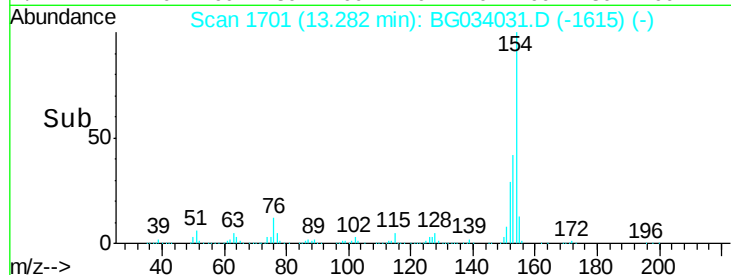
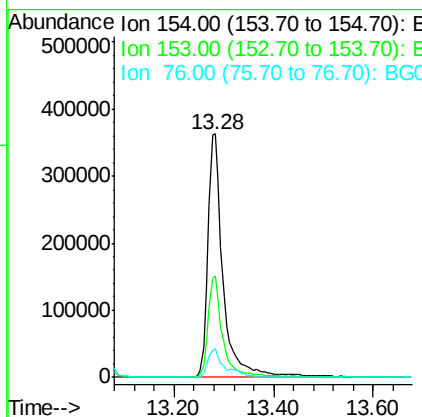
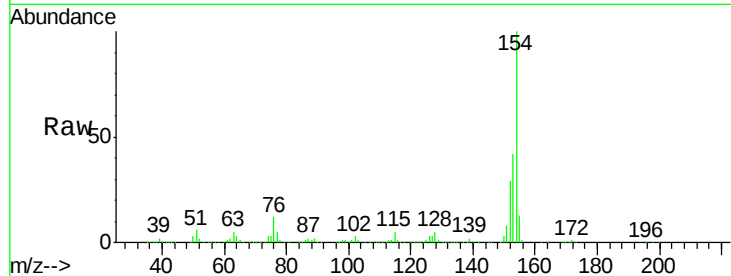
#45
 1,1'-Biphenyl
 Concen: 43.531 ng
 RT: 13.28 min Scan# 1701
 Delta R.T. -0.02 min
 Lab File: BG034031.D
 Acq: 27 Apr 2018 3:45

Instrument :
 BNA_G
 ClientSampleID :
 PB108616BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.6	19.8	59.8
76	11.8	0.0	31.9

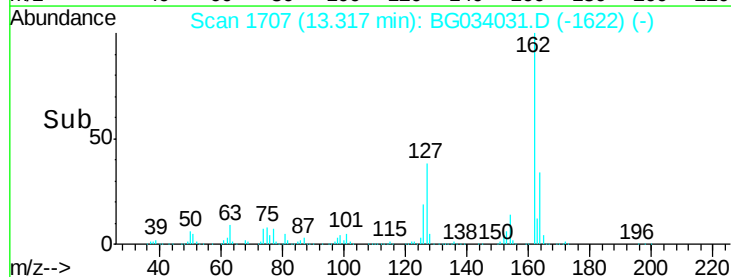
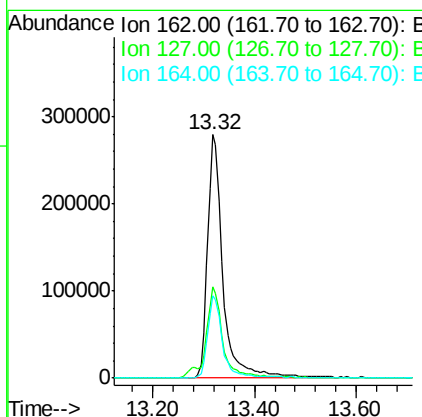
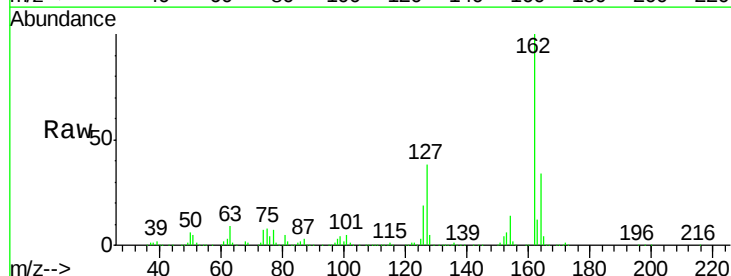
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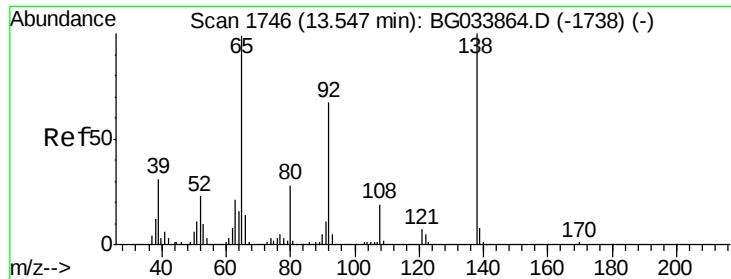
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#46
 2-Chloronaphthalene
 Concen: 43.883 ng
 RT: 13.32 min Scan# 1707
 Delta R.T. -0.03 min
 Lab File: BG034031.D
 Acq: 27 Apr 2018 3:45

Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.5	30.7	46.1
164	33.6	26.0	39.0





#47

2-Nitroaniline

Concen: 38.784 ng

RT: 13.54 min Scan# 1745

Delta R.T. -0.01 min

Lab File: BG034031.D

Acq: 27 Apr 2018 3:45

Instrument :

BNA_G

ClientSampleId :

PB108616BS

Tot Ion: 65 Resp: 163589

Ion Ratio Lower Upper

65 100

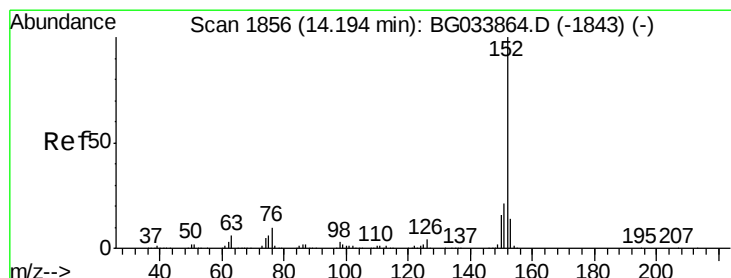
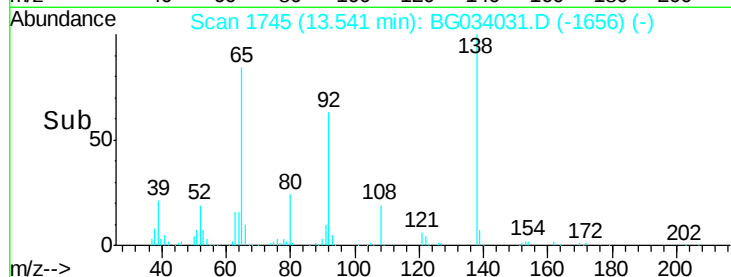
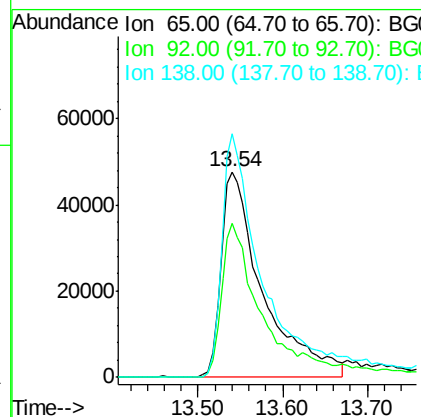
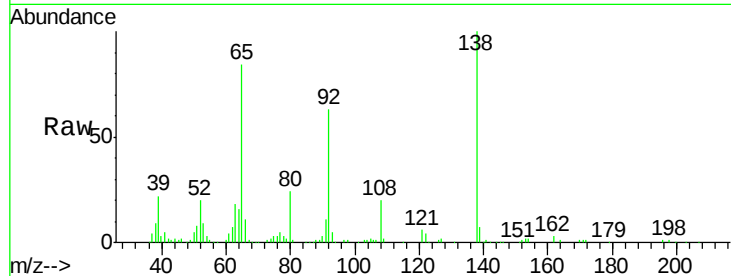
92 74.9 54.6 82.0

138 118.5 72.9 109.3#

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#48

Acenaphthylene

Concen: 43.163 ng

RT: 14.17 min Scan# 1852

Delta R.T. -0.02 min

Lab File: BG034031.D

Acq: 27 Apr 2018 3:45

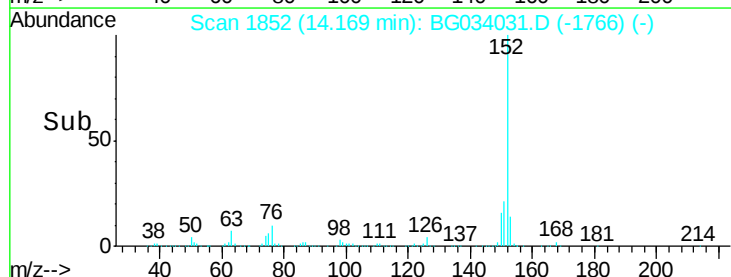
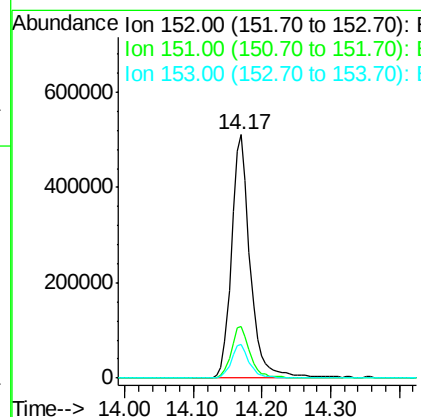
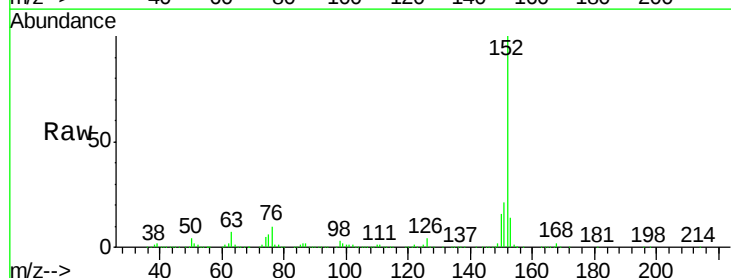
Tgt Ion: 152 Resp: 969234

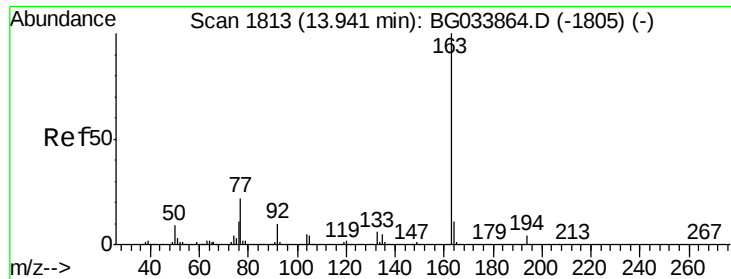
Ion Ratio Lower Upper

152 100

151 21.1 17.2 25.8

153 13.9 10.2 15.4





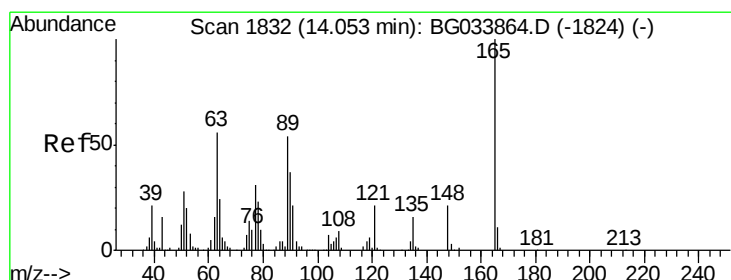
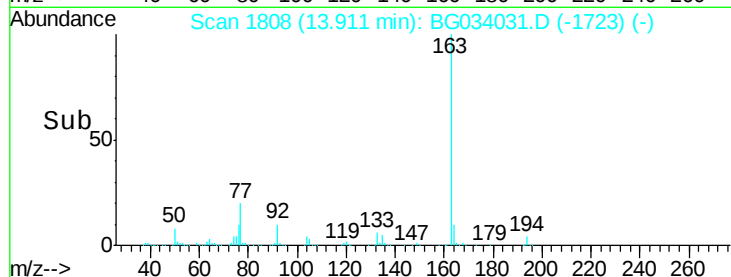
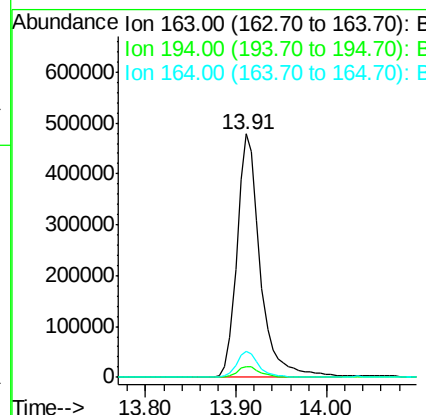
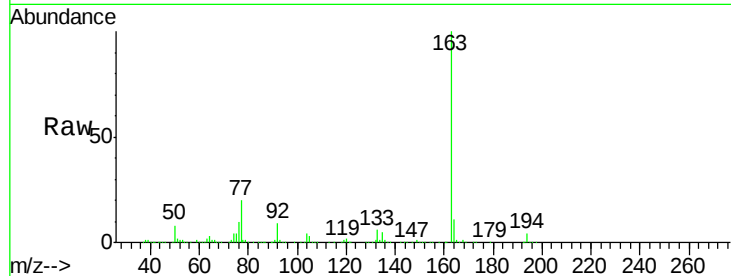
#49
Dimethylphthalate
Concen: 44.285 ng
RT: 13.91 min Scan# 1808
Delta R.T. -0.03 min
Lab File: BG034031.D
Acq: 27 Apr 2018 3:45

Instrument :
BNA_G
ClientSampleId :
PB108616BS

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	10.8	8.2	12.4

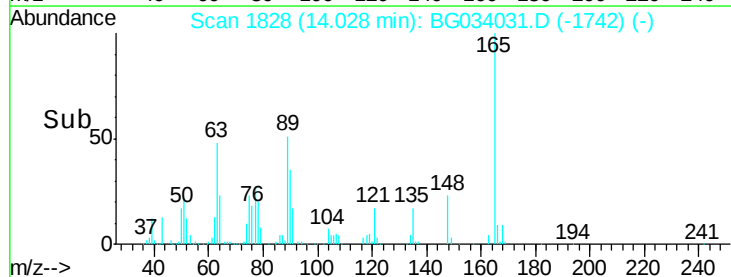
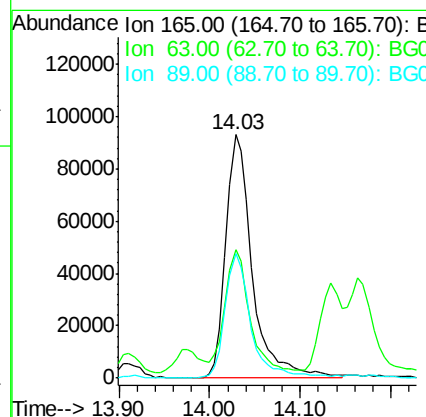
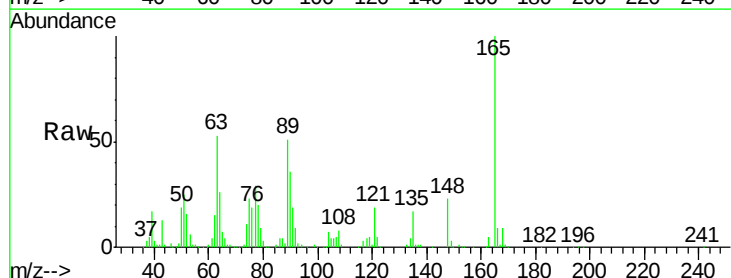
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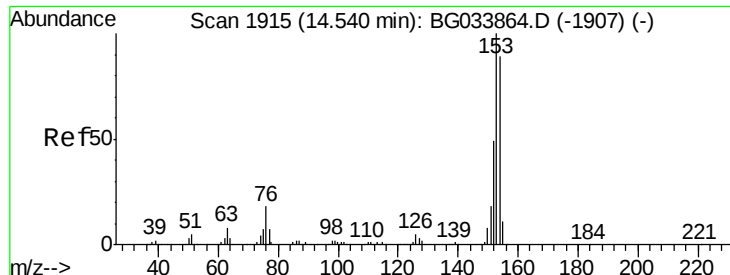
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#50
2,6-Dinitrotoluene
Concen: 51.726 ng
RT: 14.03 min Scan# 1828
Delta R.T. -0.02 min
Lab File: BG034031.D
Acq: 27 Apr 2018 3:45

Tgt Ion	Ratio	Lower	Upper
165	100		
63	52.9	52.7	79.1
89	51.4	49.2	73.8





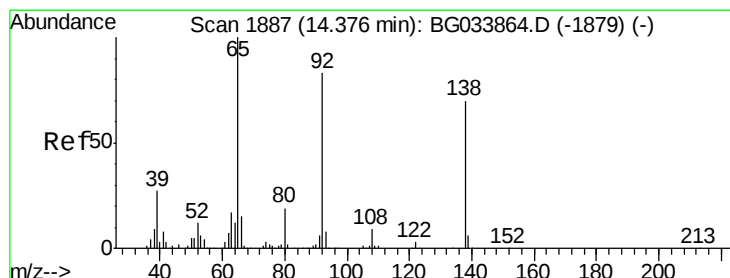
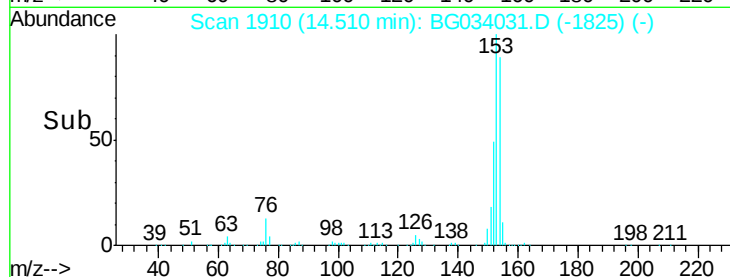
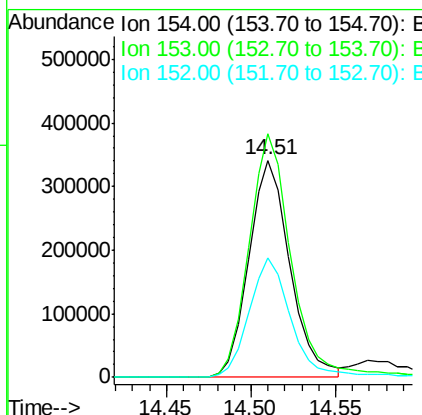
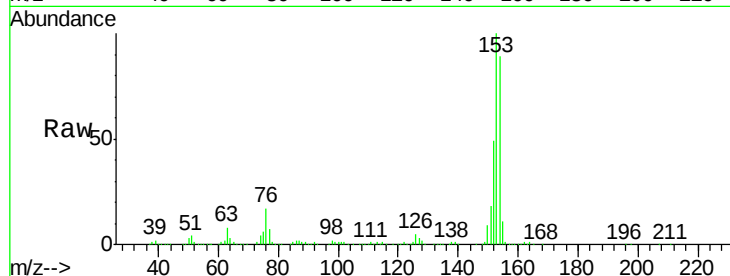
#51
Acenaphthene
Concen: 40.718 ng
RT: 14.51 min Scan# 1910
Delta R.T. -0.03 min
Lab File: BG034031.D
Acq: 27 Apr 2018 3:45

Instrument :
BNA_G
ClientSampleId :
PB108616BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	112.3	90.4	135.6
152	55.4	41.6	62.4

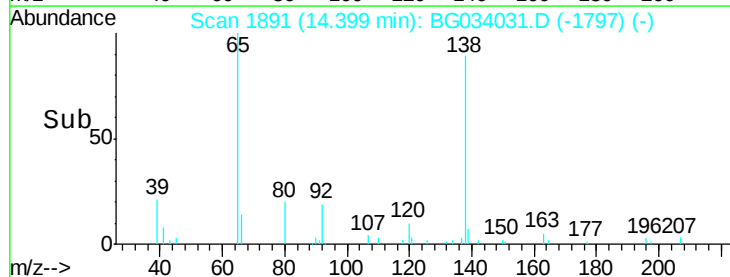
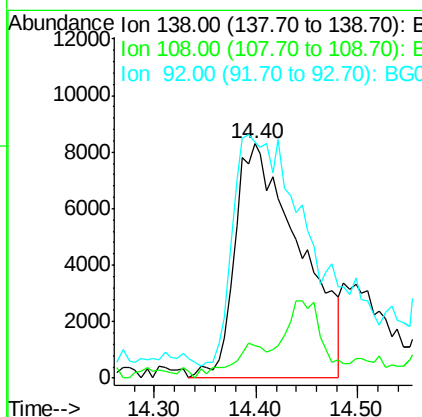
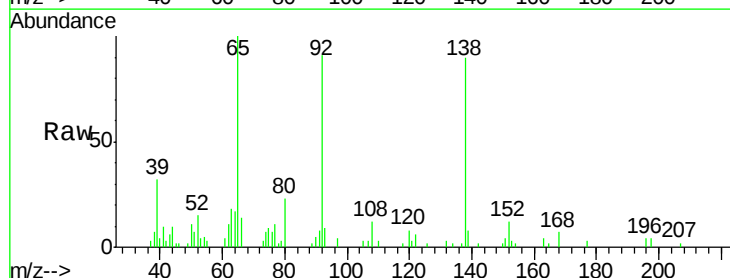
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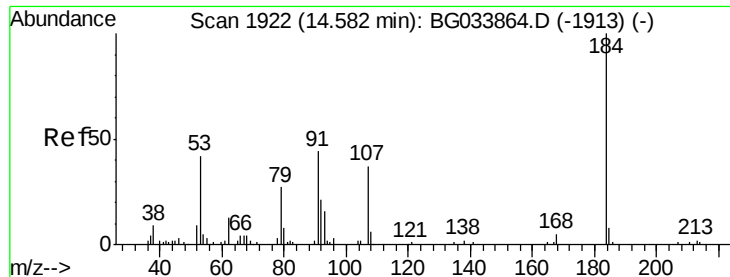
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#52
3-Nitroaniline
Concen: 9.251 ng
RT: 14.40 min Scan# 1891
Delta R.T. 0.02 min
Lab File: BG034031.D
Acq: 27 Apr 2018 3:45

Tgt Ion	Ratio	Lower	Upper
138	100		
108	13.8	17.5	26.3#
92	101.0	105.8	158.8#





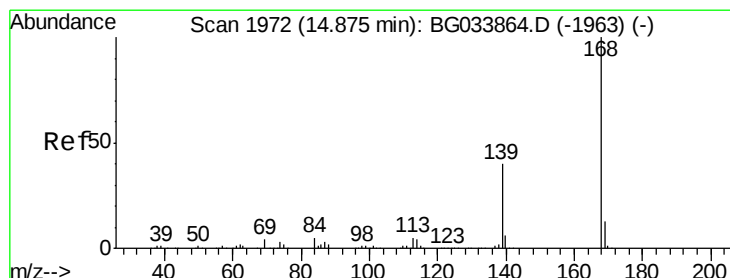
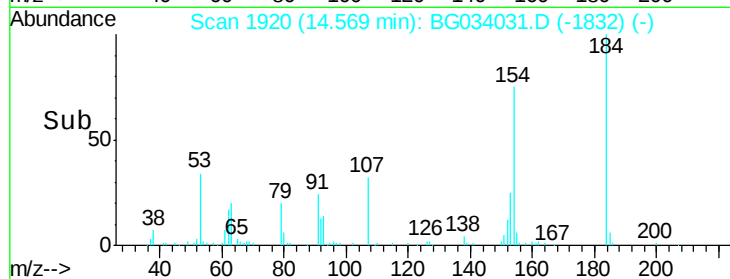
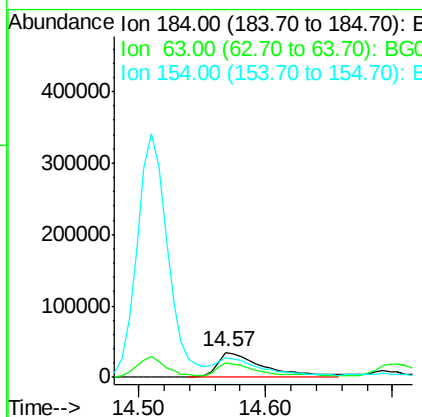
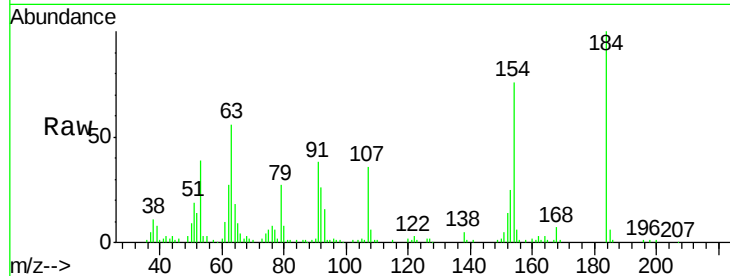
#53
2,4-Dinitrophenol
Concen: 67.994 ng
RT: 14.57 min Scan# 1920
Delta R.T. -0.01 min
Lab File: BG034031.D
Acq: 27 Apr 2018 3:45

Instrument :
BNA_G
ClientSampleId :
PB108616BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	55.5	59.8	89.8#
154	75.9	101.8	152.8#

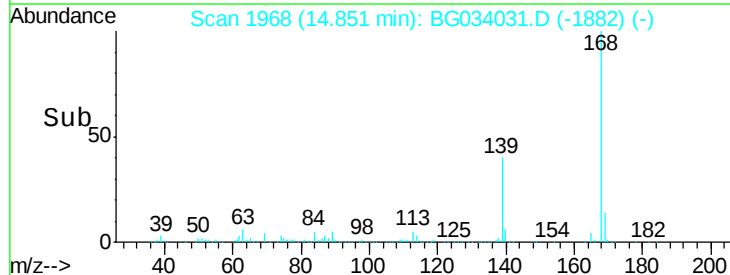
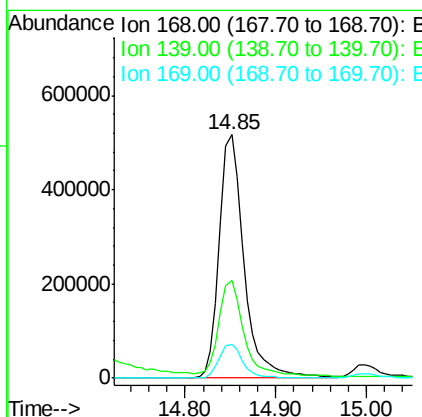
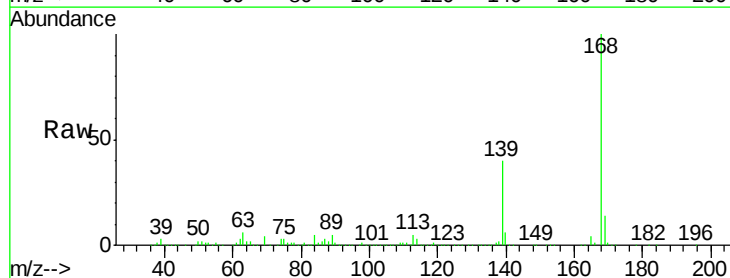
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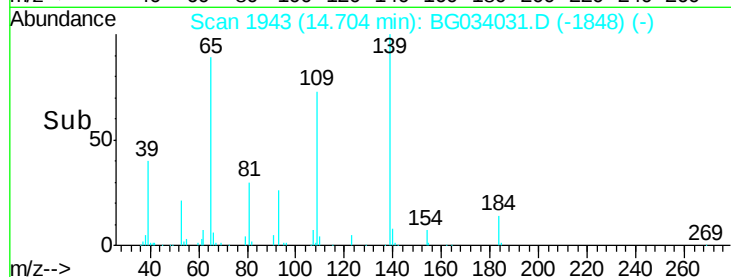
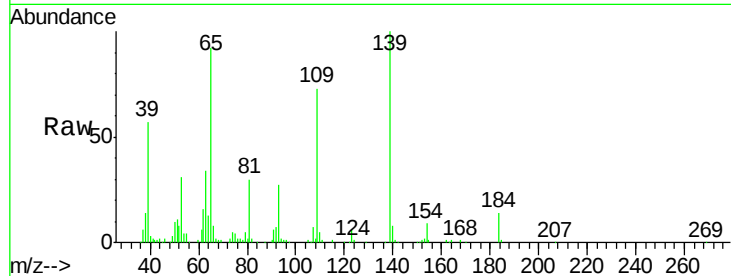
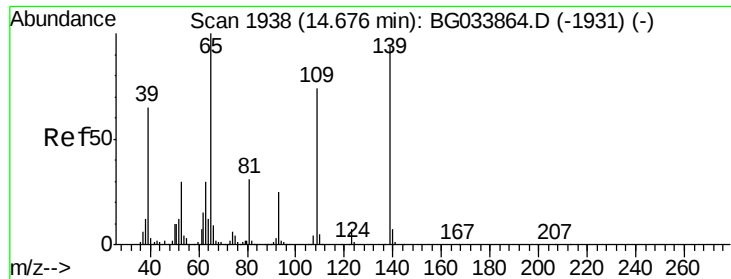
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#54
Dibenzofuran
Concen: 47.142 ng
RT: 14.85 min Scan# 1968
Delta R.T. -0.02 min
Lab File: BG034031.D
Acq: 27 Apr 2018 3:45

Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.1	28.6	43.0
169	13.9	11.2	16.8





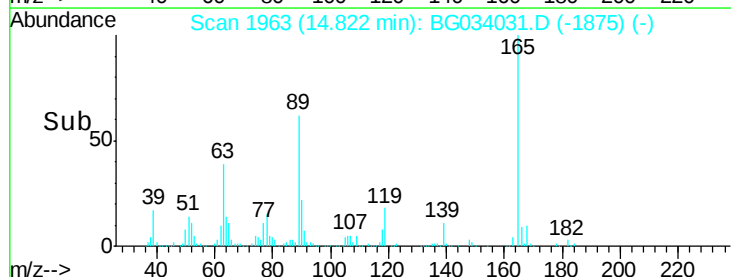
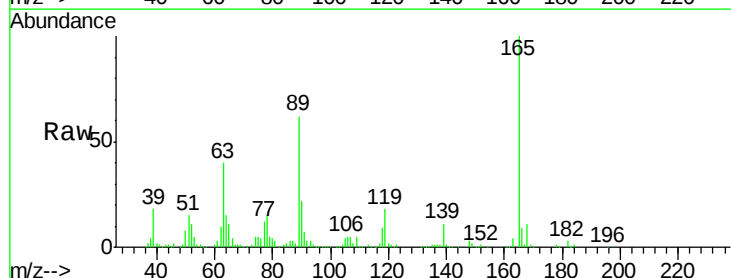
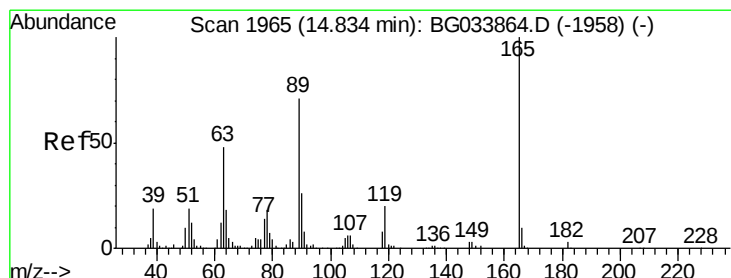
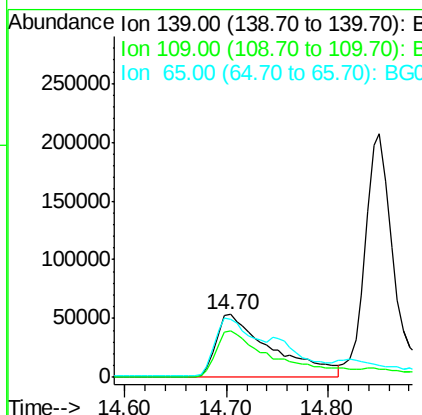
#55
4-Nitrophenol
Concen: 65.826 ng
RT: 14.70 min Scan# 1943
Delta R.T. 0.03 min
Lab File: BG034031.D
Acq: 27 Apr 2018 3:45

Instrument :
BNA_G
ClientSampled :
PB108616BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	72.9	62.2	102.2
65	91.9	97.2	137.2

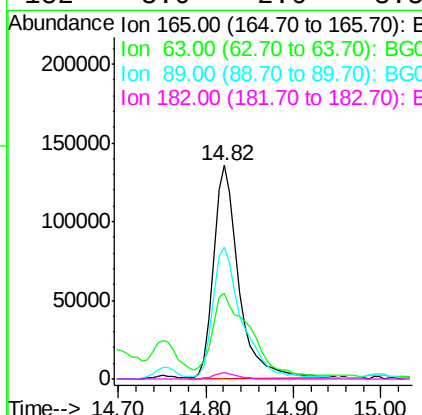
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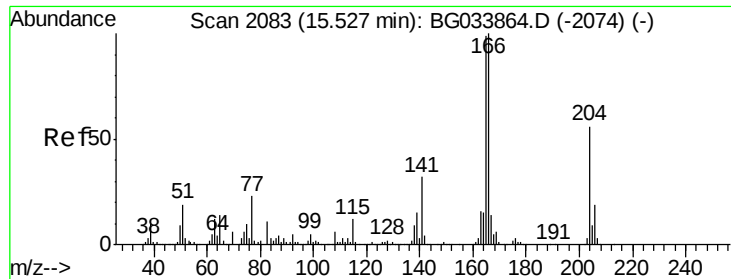
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#56
2,4-Dinitrotoluene
Concen: 55.499 ng
RT: 14.82 min Scan# 1963
Delta R.T. -0.01 min
Lab File: BG034031.D
Acq: 27 Apr 2018 3:45

Tgt Ion	Ratio	Lower	Upper
165	100		
63	40.4	42.0	63.0
89	61.6	66.9	100.3
182	3.0	2.6	3.8





#57

Fluorene

Concen: 46.564 ng

RT: 15.50 min Scan# 2079

Delta R.T. -0.02 min

Lab File: BG034031.D

Acq: 27 Apr 2018 3:45

Instrument :

BNA_G

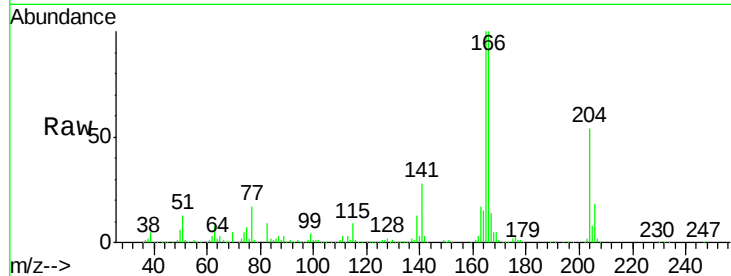
ClientSampleId :

PB108616BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	842690		
165	100.3	80.6	121.0	
167	14.5	10.4	15.6	

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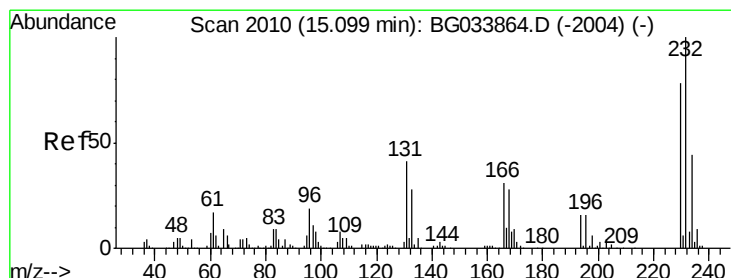
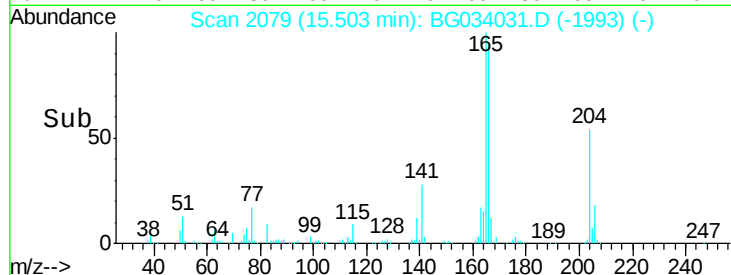
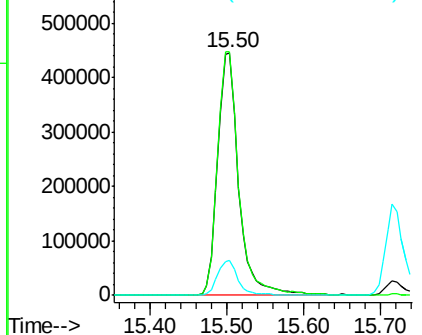


Abundance

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: 55.519 ng

RT: 15.08 min Scan# 2007

Delta R.T. -0.02 min

Lab File: BG034031.D

Acq: 27 Apr 2018 3:45

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	260406		
131	34.9	33.5	50.3	
130	2.2	2.2	3.2	
166	27.2	24.8	37.2	

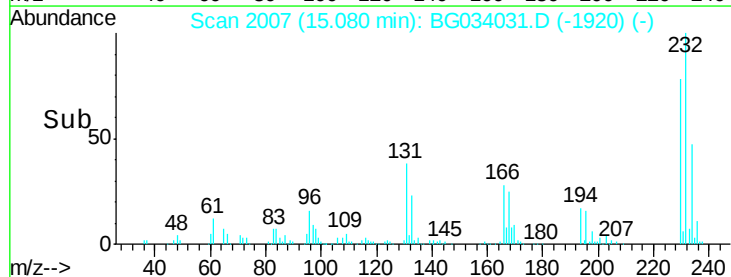
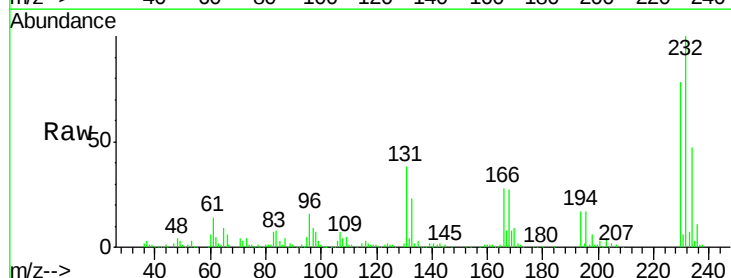
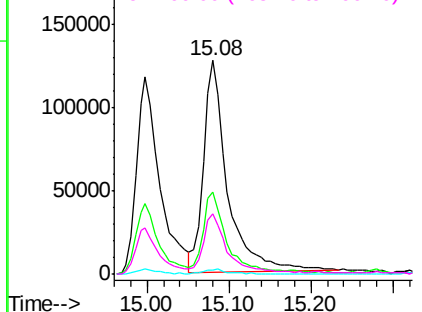
Abundance

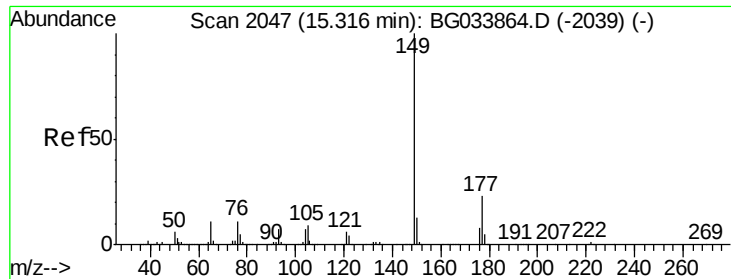
Ion 232.00 (231.70 to 232.70): E

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





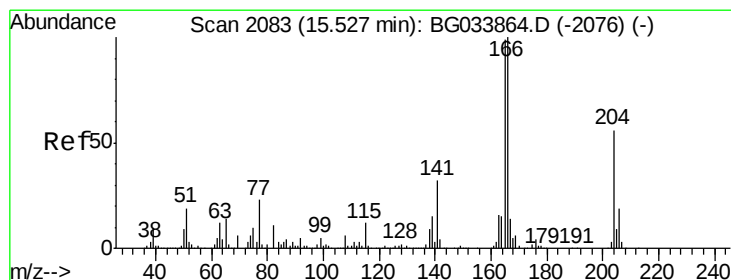
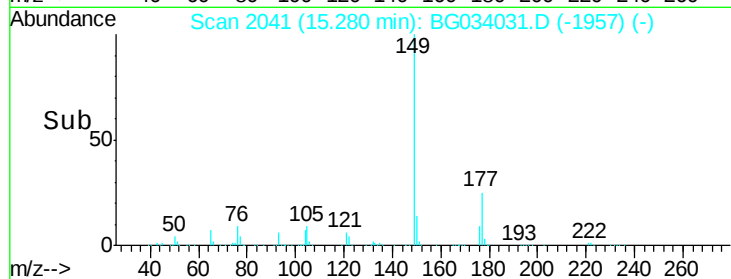
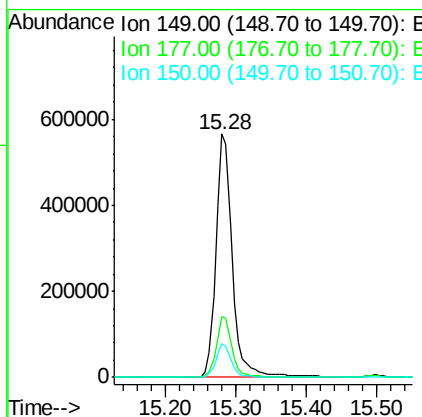
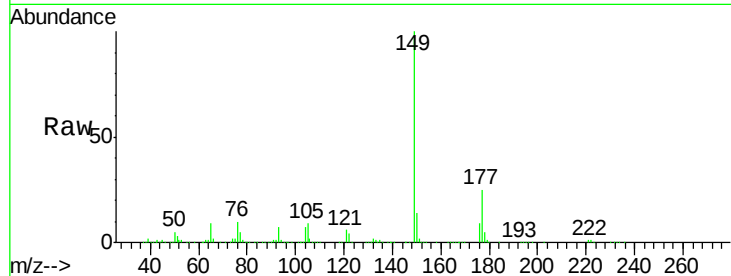
#59
Diethylphthalate
Concen: 44.508 ng
RT: 15.28 min Scan# 2041
Delta R.T. -0.04 min
Lab File: BG034031.D
Acq: 27 Apr 2018 3:45

Instrument :
BNA_G
ClientSampleId :
PB108616BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	910808		
177	24.8	18.5	27.7	
150	13.8	10.2	15.2	

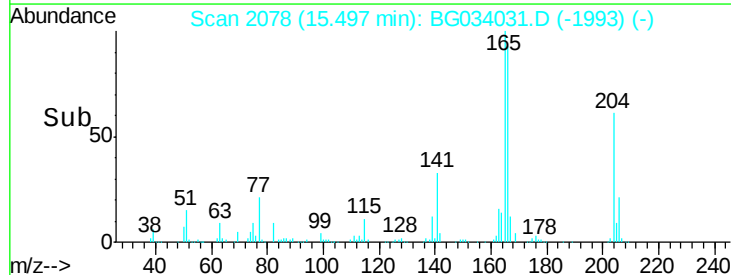
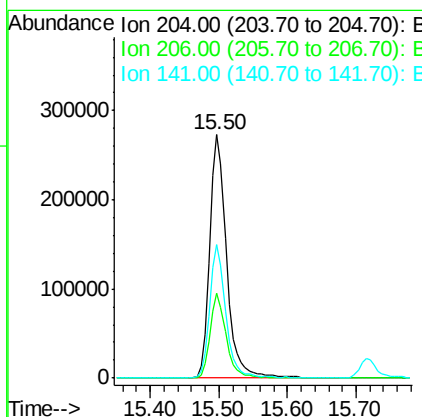
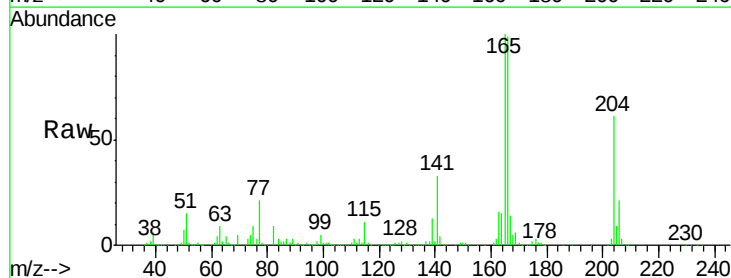
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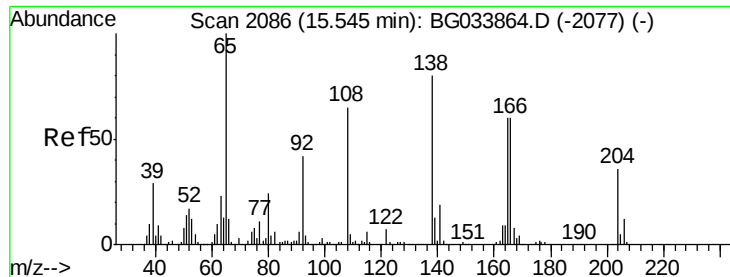
Sohil
4/27/2018 7:31:11 PM



#60
4-Chlorophenyl-phenylether
Concen: 49.352 ng
RT: 15.50 min Scan# 2078
Delta R.T. -0.03 min
Lab File: BG034031.D
Acq: 27 Apr 2018 3:45

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	467154		
206	34.7	26.2	39.2	
141	54.7	45.8	68.6	





#61

4-Nitroaniline

Concen: 37.976 ng

RT: 15.56 min Scan# 2088

Delta R.T. 0.01 min

Lab File: BG034031.D

Acq: 27 Apr 2018 3:45

Instrument :

BNA_G

ClientSampled :

PB108616BS

Tot Ion: 138 Resp: 160638

Ion Ratio Lower Upper

138 100

92 50.6 40.1 80.1

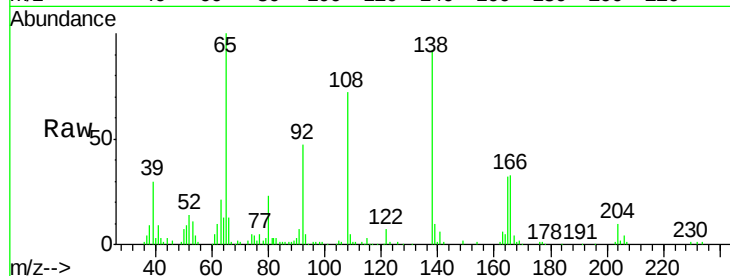
108 78.2 65.4 105.4

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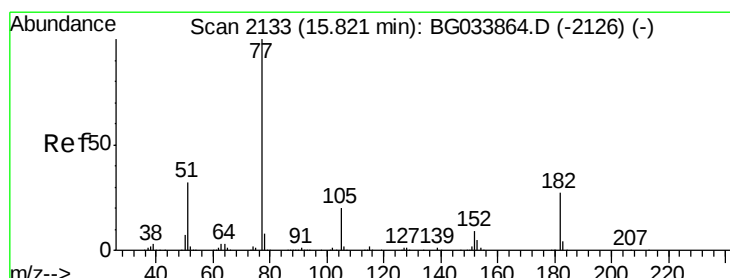
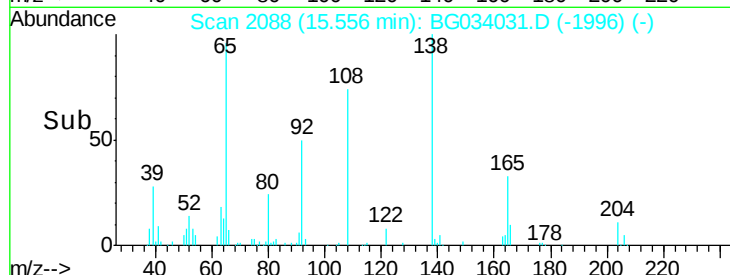
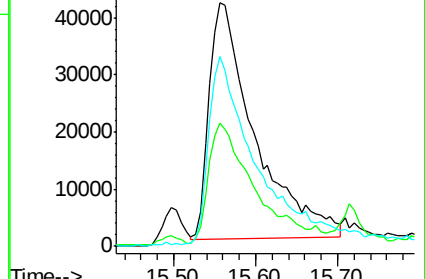
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 41.777 ng

RT: 15.79 min Scan# 2128

Delta R.T. -0.03 min

Lab File: BG034031.D

Acq: 27 Apr 2018 3:45

Tgt Ion: 77 Resp: 762081

Ion Ratio Lower Upper

77 100

182 32.6 7.4 47.4

105 21.2 0.3 40.3

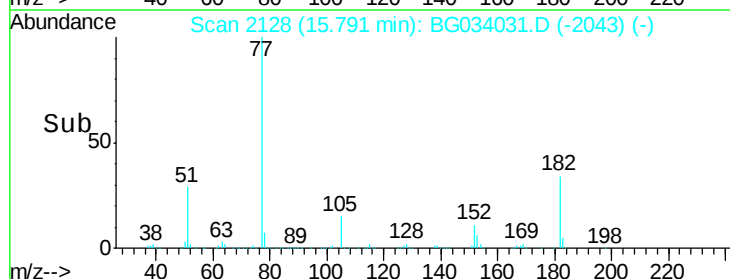
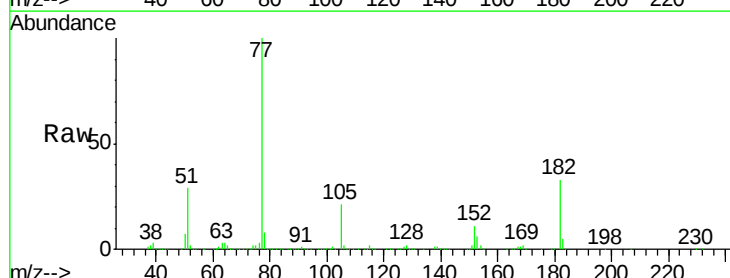
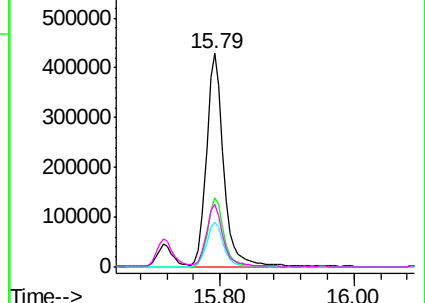
51 29.3 11.6 51.6

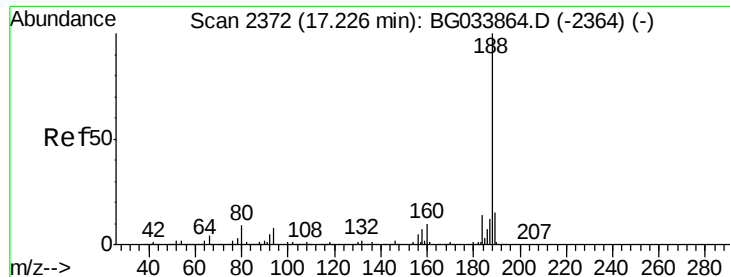
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.20 min Scan# 2368

Delta R.T. -0.02 min

Lab File: BG034031.D

Acq: 27 Apr 2018 3:45

Instrument :

BNA_G

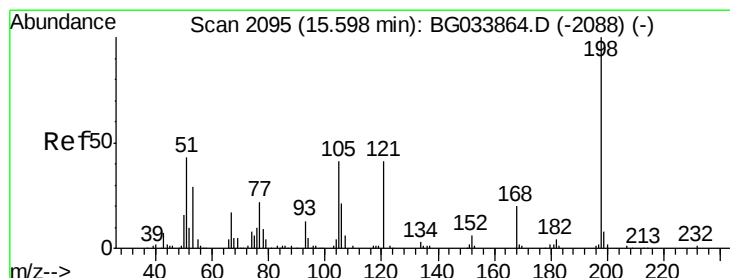
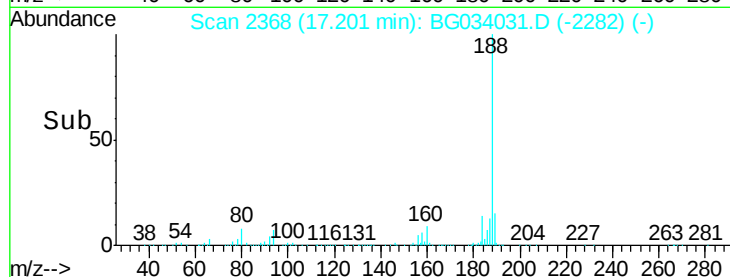
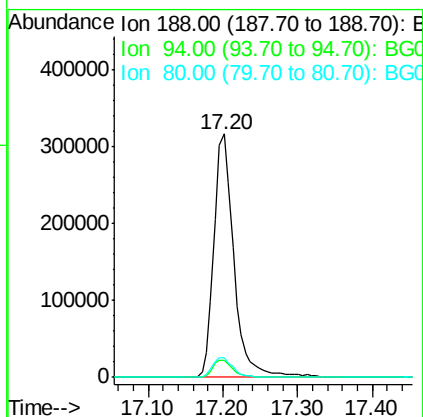
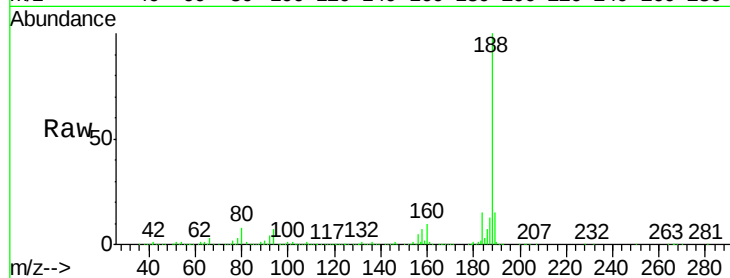
ClientSampleId :

PB108616BS

Tot Ion:	188	Resp:	590602
Ion Ratio	Lower	Upper	
188	100		
94	7.2	6.9	10.3
80	7.9	7.7	11.5

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#64

4,6-Dinitro-2-methylphenol

Concen: 38.446 ng

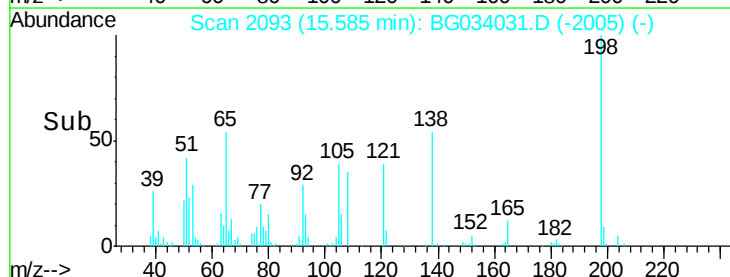
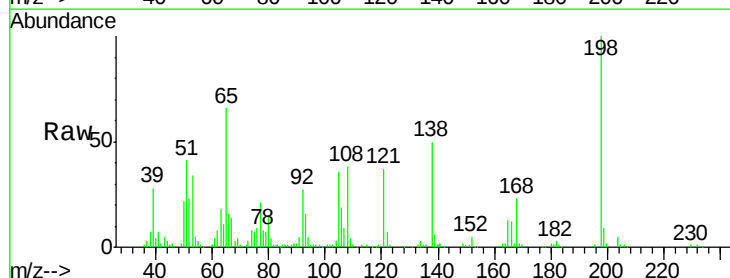
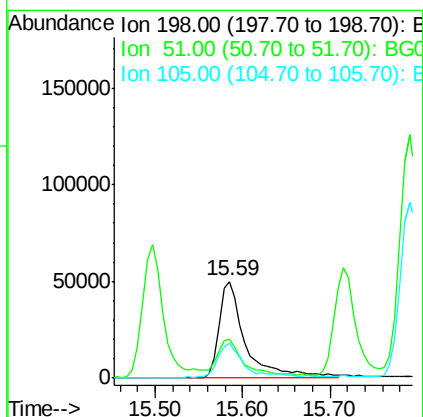
RT: 15.59 min Scan# 2093

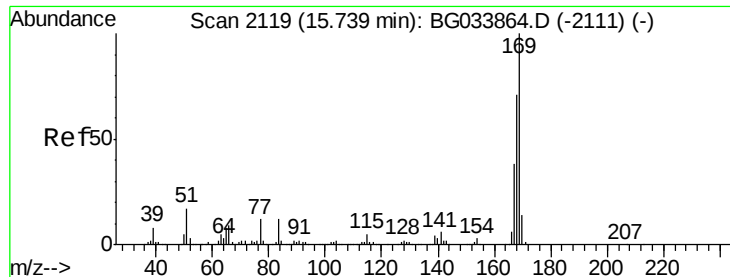
Delta R.T. -0.01 min

Lab File: BG034031.D

Acq: 27 Apr 2018 3:45

Tgt Ion:	198	Resp:	105090
Ion Ratio	Lower	Upper	
198	100		
51	40.6	30.6	70.6
105	36.3	23.8	63.8





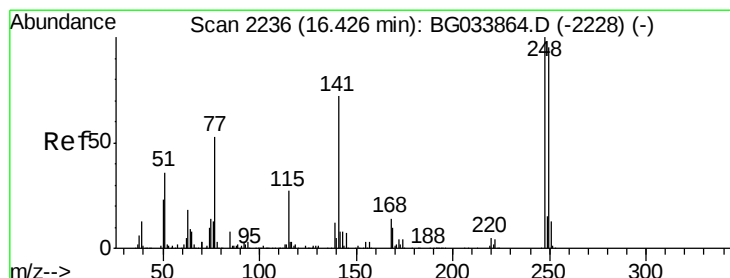
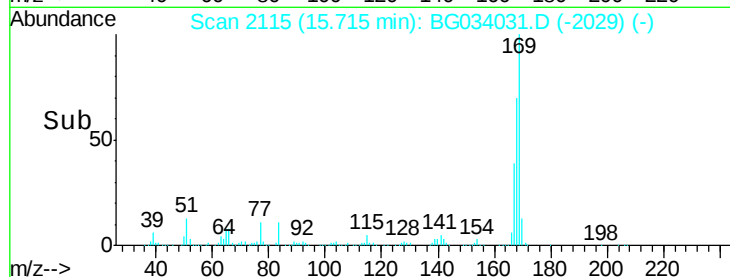
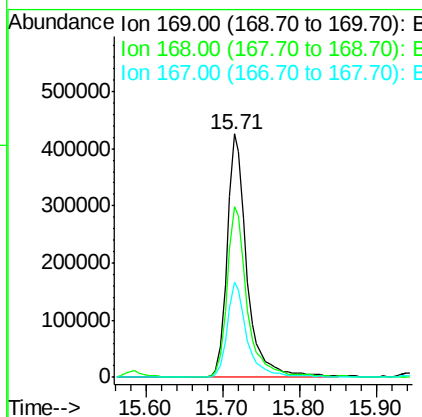
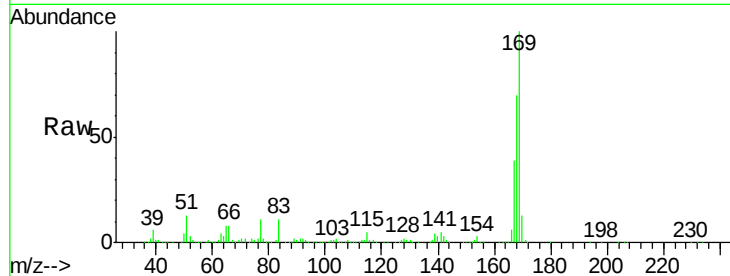
#65
 n-Nitrosodiphenylamine
 Concen: 44.182 ng
 RT: 15.71 min Scan# 2115
 Delta R.T. -0.02 min
 Lab File: BG034031.D
 Acq: 27 Apr 2018 3:45

Instrument :
 BNA_G
 ClientSampleID :
 PB108616BS

Tot Ion	Ratio	Lower	Upper
169	100		
168	70.2	55.7	83.5
167	39.2	30.1	45.1

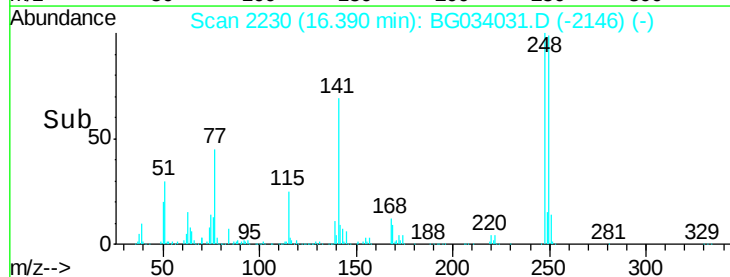
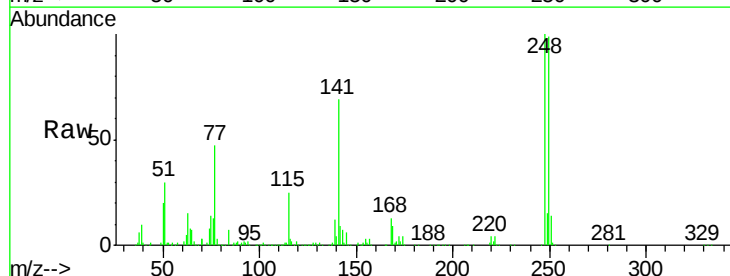
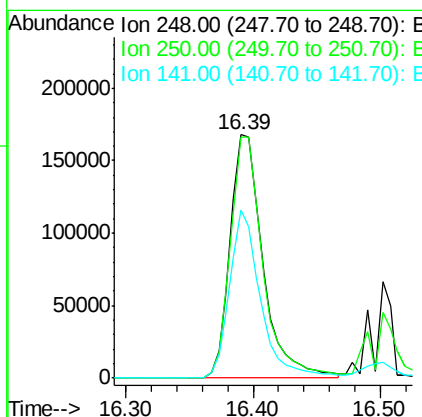
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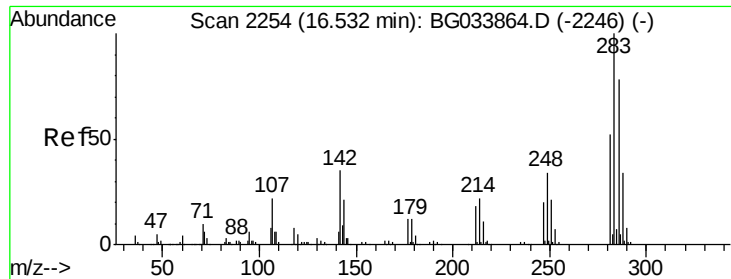
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#66
 4-Bromophenyl-phenylether
 Concen: 46.557 ng
 RT: 16.39 min Scan# 2230
 Delta R.T. -0.04 min
 Lab File: BG034031.D
 Acq: 27 Apr 2018 3:45

Tgt Ion	Ratio	Lower	Upper
248	100		
250	99.1	77.1	115.7
141	69.2	50.8	76.2





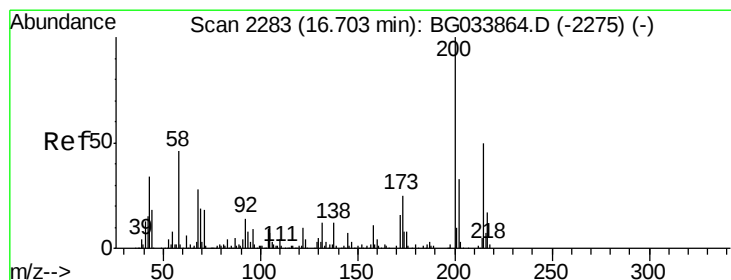
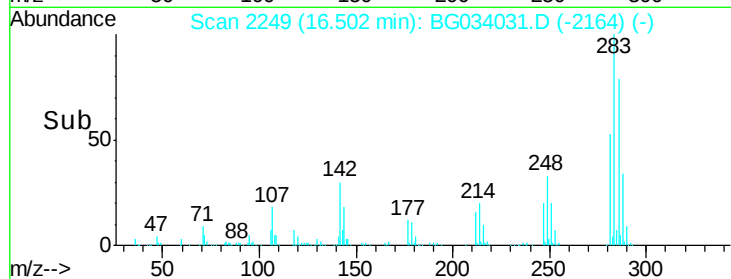
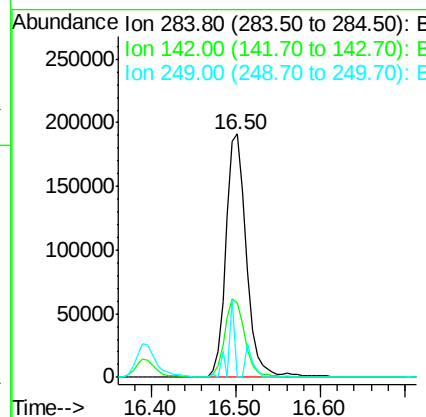
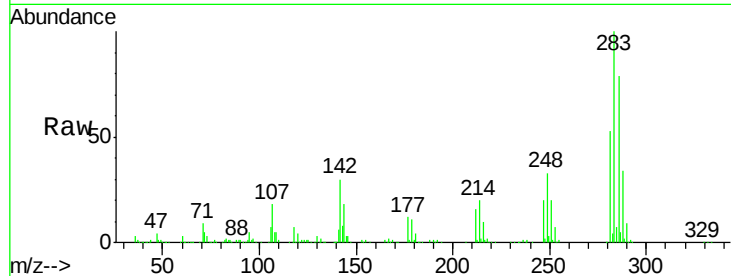
#67
Hexachlorobenzene
Concen: 46.623 ng
RT: 16.50 min Scan# 2249
Delta R.T. -0.03 min
Lab File: BG034031.D
Acq: 27 Apr 2018 3:45

Instrument :
BNA_G
ClientSampleId :
PB108616BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	30.4	26.8	40.2	
249	3.4	26.3	39.5	

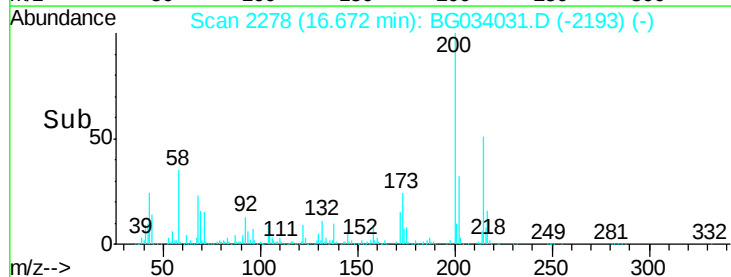
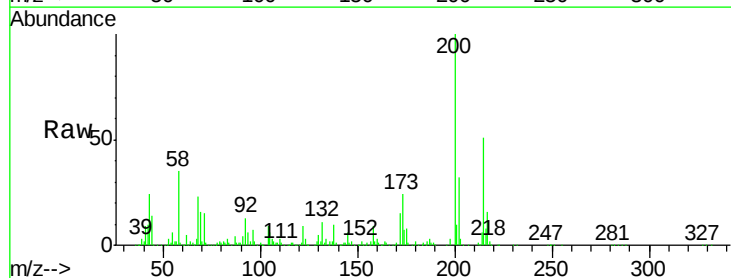
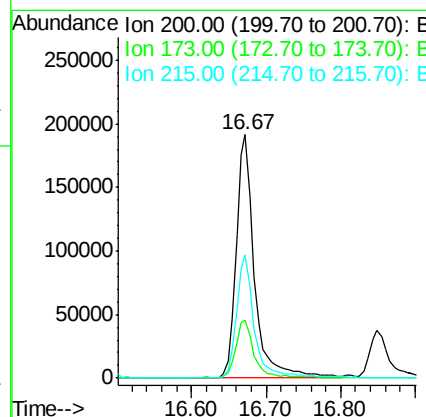
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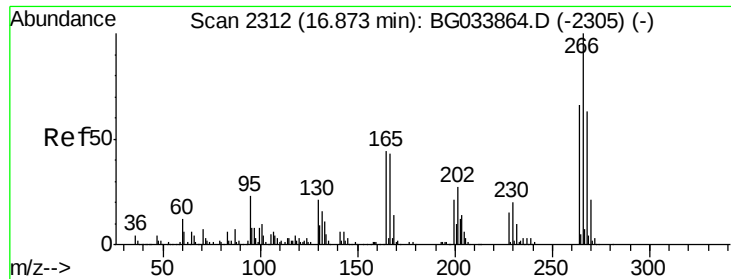
Sohil
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#68
Atrazine
Concen: 48.893 ng
RT: 16.67 min Scan# 2278
Delta R.T. -0.03 min
Lab File: BG034031.D
Acq: 27 Apr 2018 3:45

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	23.9	5.2	45.2	
215	50.7	30.4	70.4	





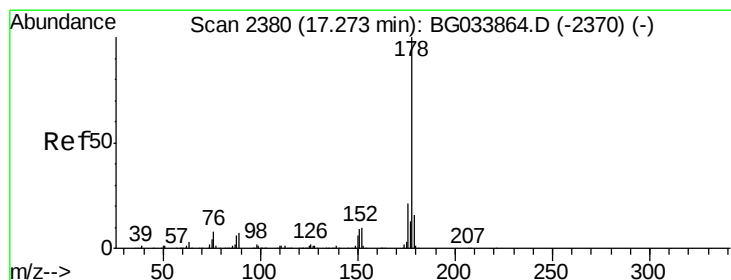
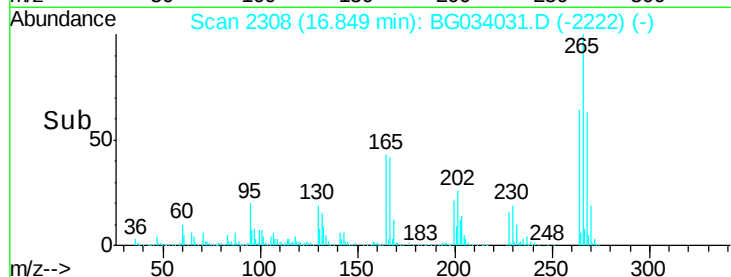
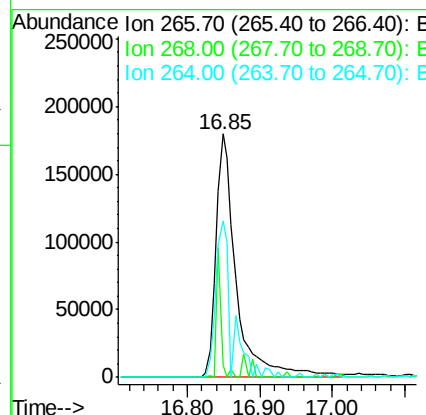
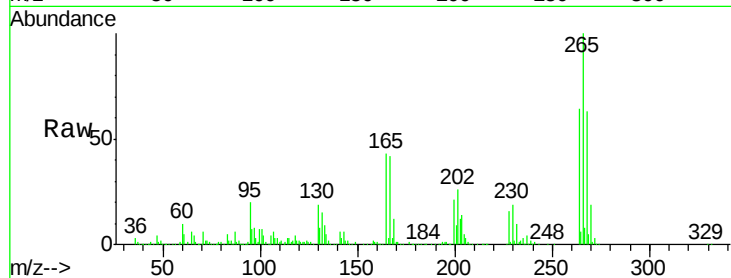
#69
 Pentachlorophenol
 Concen: 73.713 ng
 RT: 16.85 min Scan# 2308
 Delta R.T. -0.02 min
 Lab File: BG034031.D
 Acq: 27 Apr 2018 3:45

Instrument :
 BNA_G
 ClientSampleId :
 PB108616BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	4.7	51.1	76.7#
264	69.8	49.6	74.4

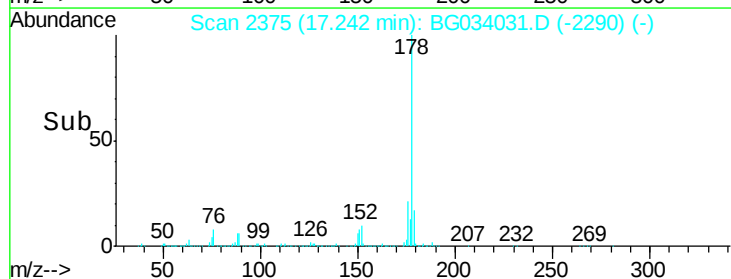
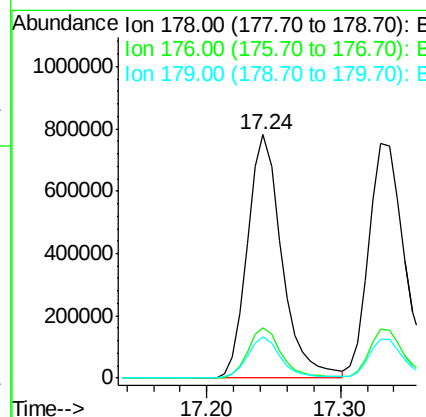
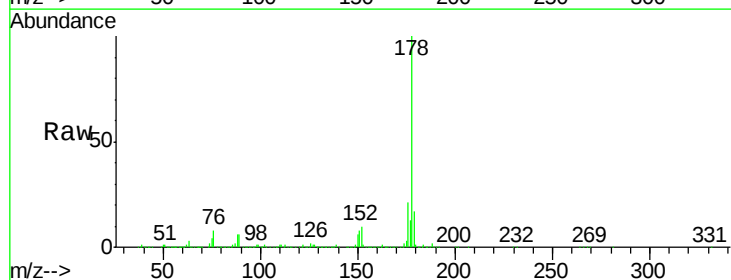
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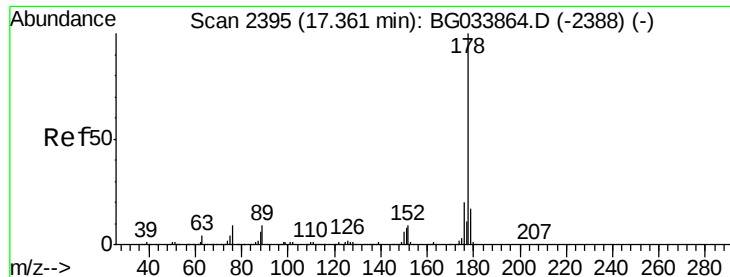
Sohil
 4/27/2018 7:31:11 PM



#70
 Phenanthrene
 Concen: 44.016 ng
 RT: 17.24 min Scan# 2375
 Delta R.T. -0.03 min
 Lab File: BG034031.D
 Acq: 27 Apr 2018 3:45

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.9	15.7	23.5
179	16.9	12.5	18.7





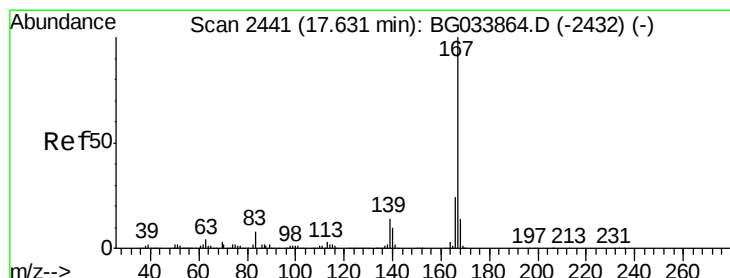
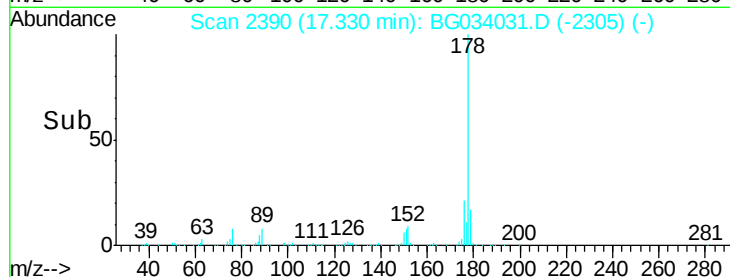
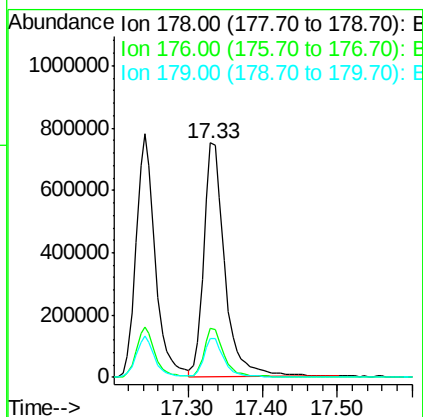
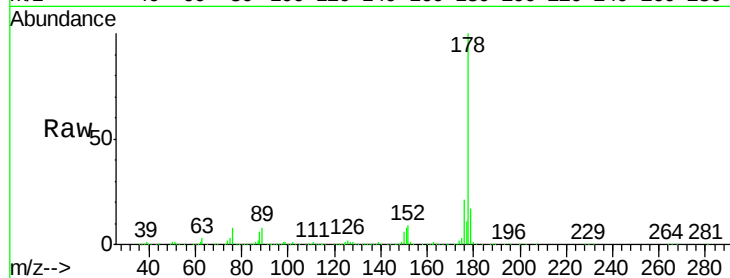
#71
 Anthracene
 Concen: 46.656 ng
 RT: 17.33 min Scan# 2390
 Delta R.T. -0.03 min
 Lab File: BG034031.D
 Acq: 27 Apr 2018 3:45

Instrument :
 BNA_G
 ClientSampleId :
 PB108616BS

Tot Ion:178 Resp: 1478279
 Ion Ratio Lower Upper
 178 100
 176 20.9 16.0 24.0
 179 16.7 12.5 18.7

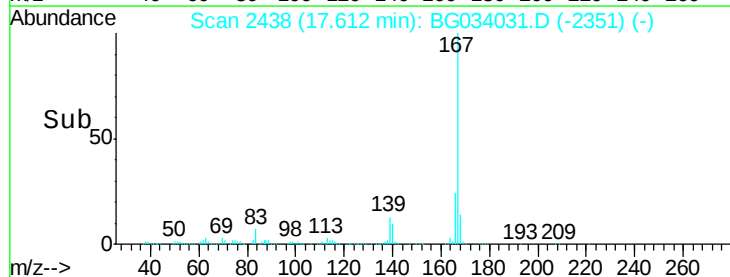
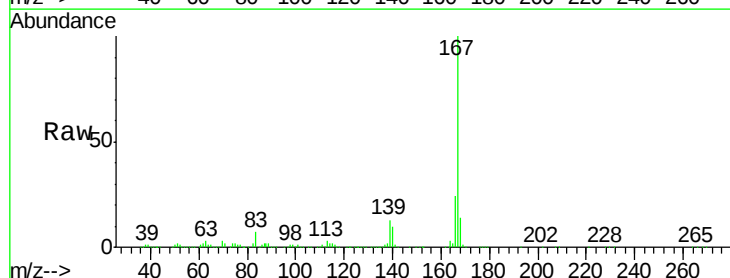
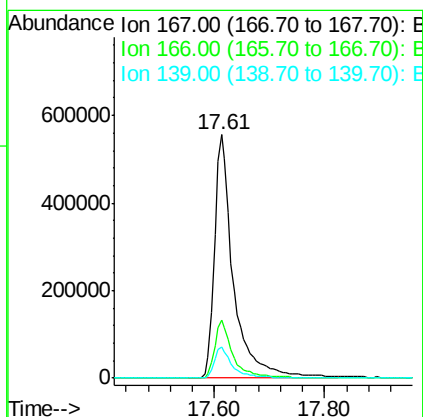
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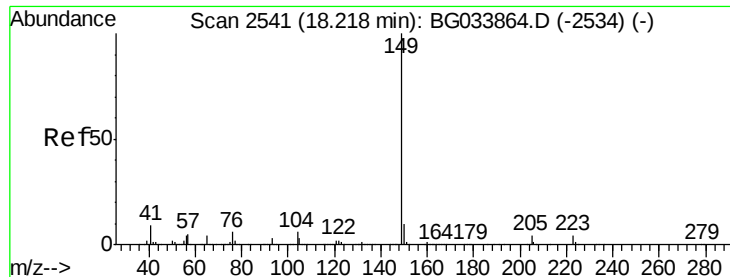
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#72
 Carbazole
 Concen: 43.550 ng
 RT: 17.61 min Scan# 2438
 Delta R.T. -0.02 min
 Lab File: BG034031.D
 Acq: 27 Apr 2018 3:45

Tgt Ion:167 Resp: 1331213
 Ion Ratio Lower Upper
 167 100
 166 24.1 18.2 27.4
 139 12.7 9.4 14.2





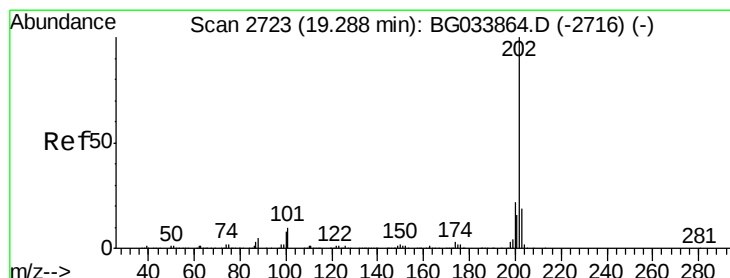
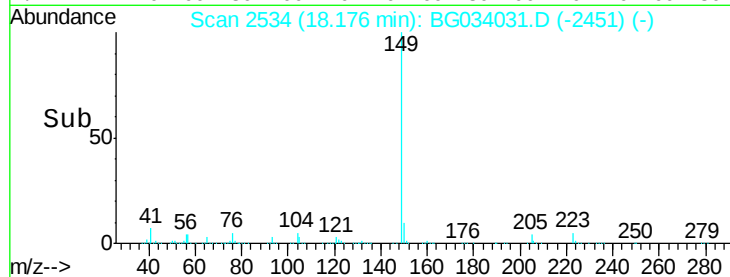
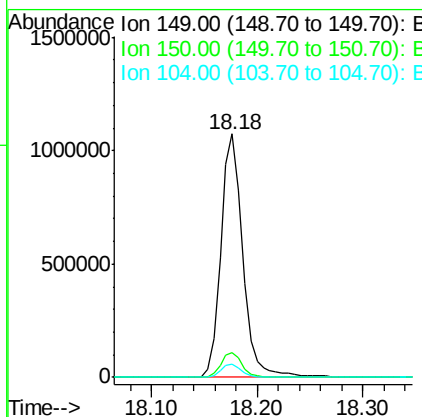
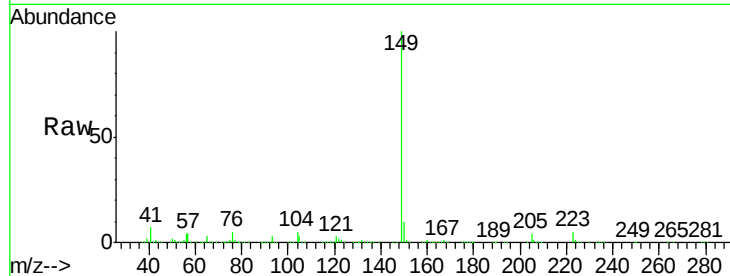
#73
Di-n-butylphthalate
Concen: 40.900 ng
RT: 18.18 min Scan# 2534
Delta R.T. -0.04 min
Lab File: BG034031.D
Acq: 27 Apr 2018 3:45

Instrument :
BNA_G
ClientSampleId :
PB108616BS

Tot Ion	Ratio	Lower	Upper
149	100		
150	10.3	7.8	11.6
104	5.5	3.9	5.9

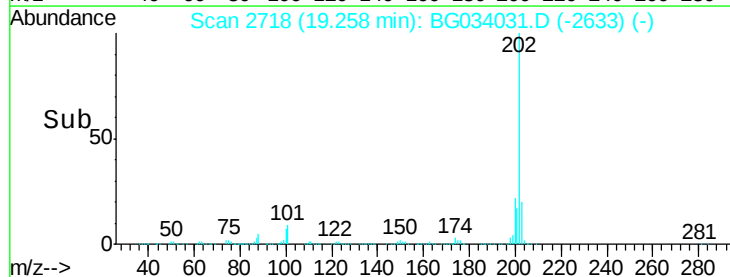
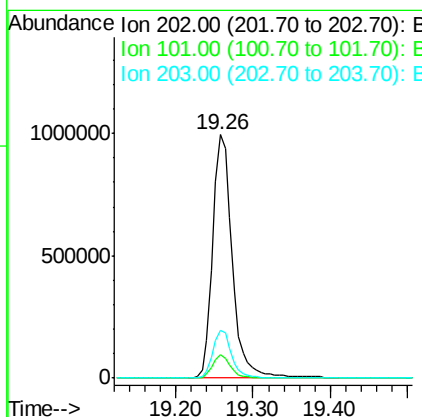
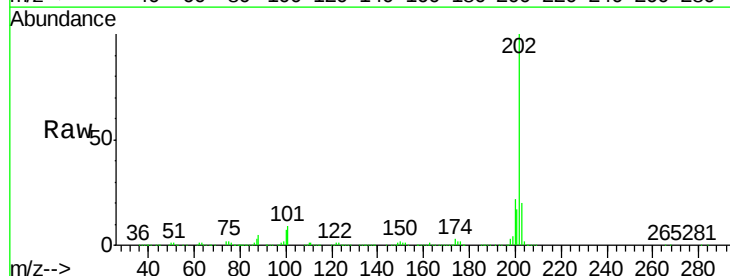
Manual Integrations
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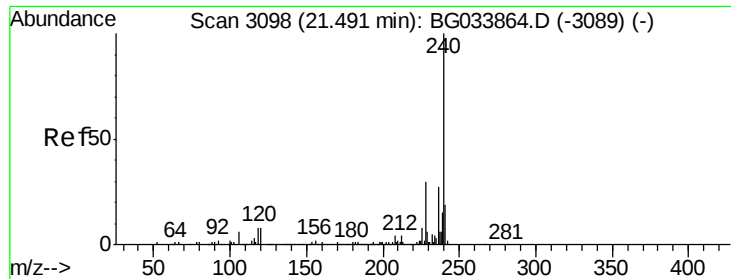
Sohil
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#74
Fluoranthene
Concen: 45.298 ng
RT: 19.26 min Scan# 2718
Delta R.T. -0.03 min
Lab File: BG034031.D
Acq: 27 Apr 2018 3:45

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.4	0.0	28.9
203	19.8	0.0	37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.45 min Scan# 3092

Delta R.T. -0.04 min

Lab File: BG034031.D

Acq: 27 Apr 2018 3:45

Instrument :

BNA_G

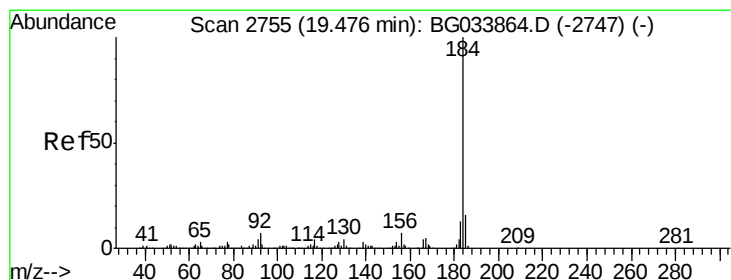
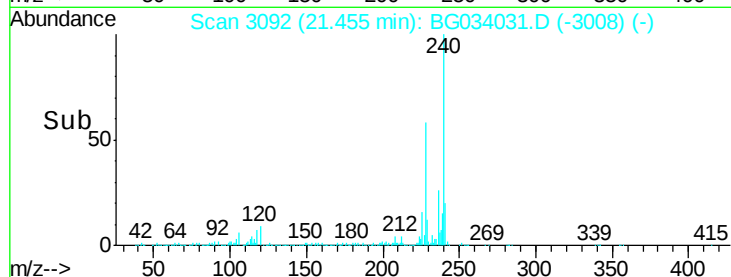
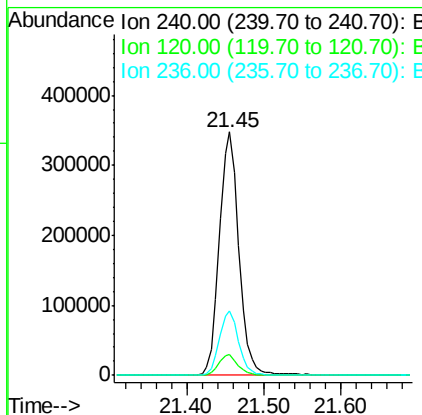
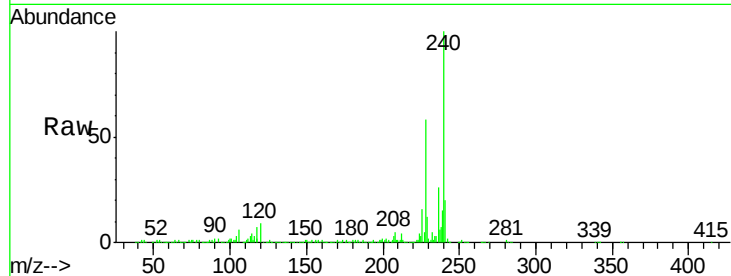
ClientSampleId :

PB108616BS

Tot Ion:	240	Resp:	610020
Ion Ratio	Lower	Upper	
240	100		
120	8.6	6.8	10.2
236	26.5	20.9	31.3

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#76

Benzidine

Concen: 16.088 ng

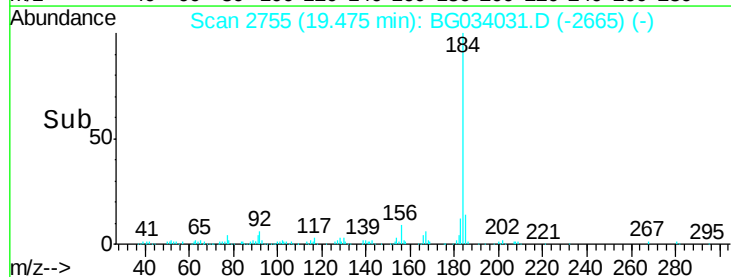
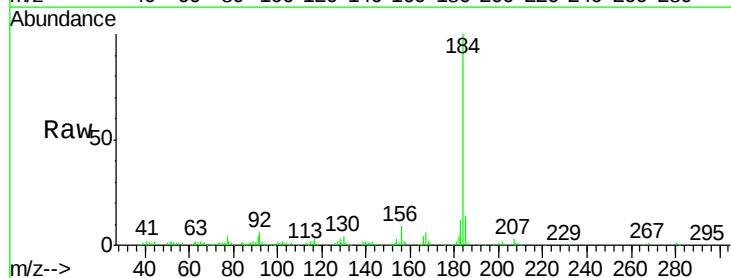
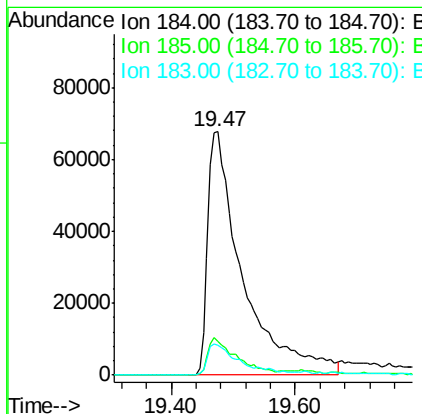
RT: 19.47 min Scan# 2755

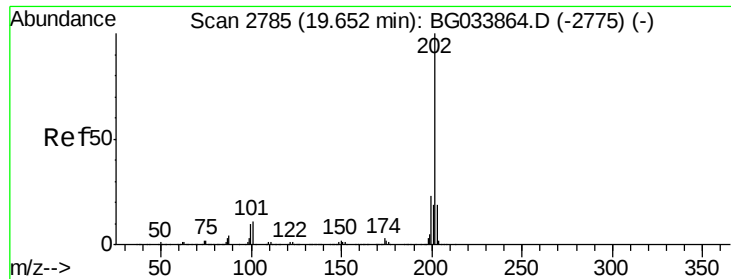
Delta R.T. -0.00 min

Lab File: BG034031.D

Acq: 27 Apr 2018 3:45

Tgt Ion:	184	Resp:	265021
Ion Ratio	Lower	Upper	
184	100		
185	13.8	11.1	16.7
183	12.3	10.6	16.0





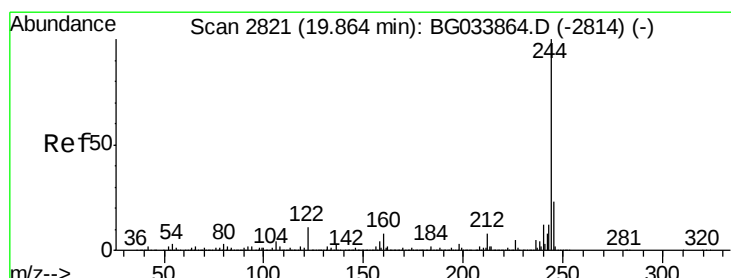
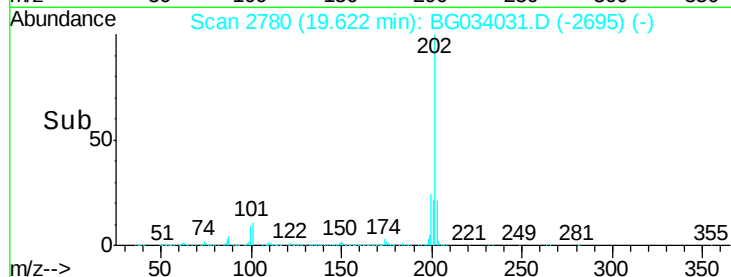
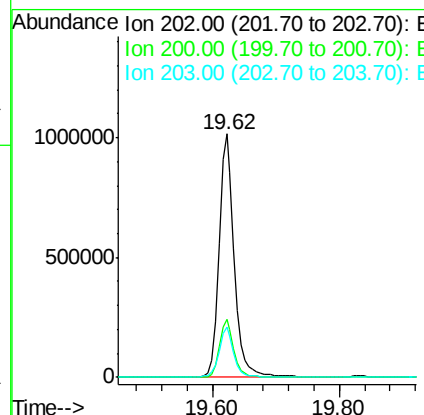
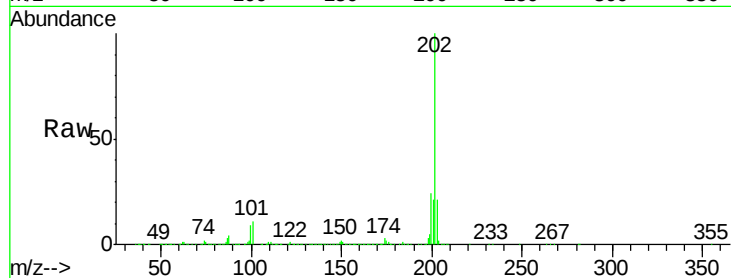
#77
Pvrene
Concen: 43.150 ng
RT: 19.62 min Scan# 2780
Delta R.T. -0.03 min
Lab File: BG034031.D
Acq: 27 Apr 2018 3:45

Instrument :
BNA_G
ClientSampled :
PB108616BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	23.7	16.9	25.3
203	20.5	13.9	20.9

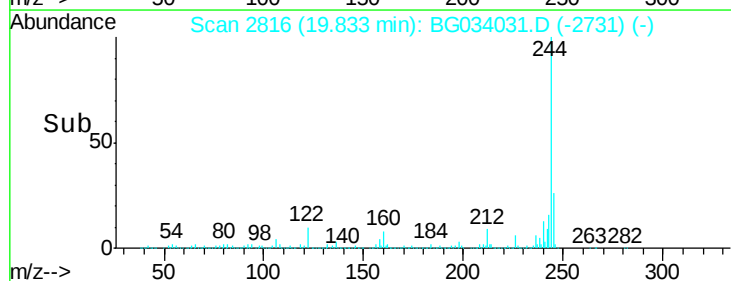
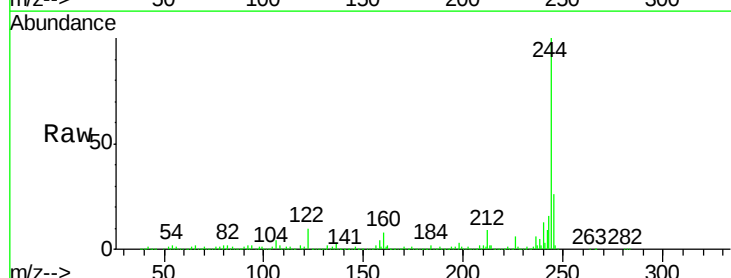
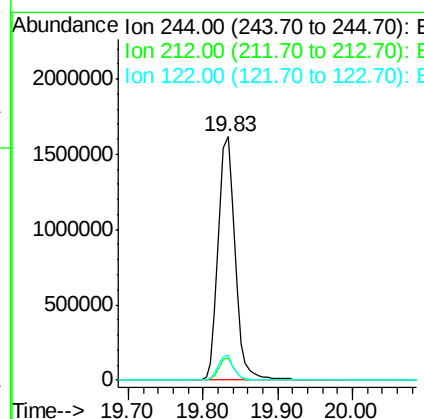
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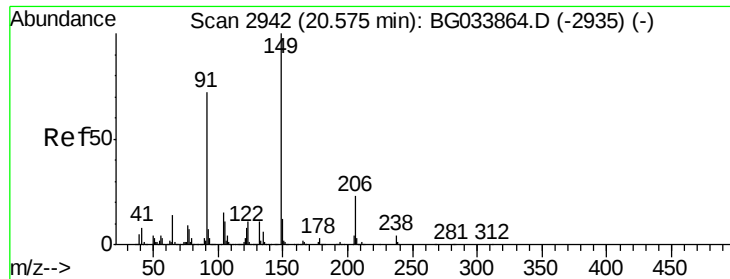
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#78
Terphenyl-d14
Concen: 94.185 ng
RT: 19.83 min Scan# 2816
Delta R.T. -0.03 min
Lab File: BG034031.D
Acq: 27 Apr 2018 3:45

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.9	5.8	8.8#
122	10.1	7.0	10.4





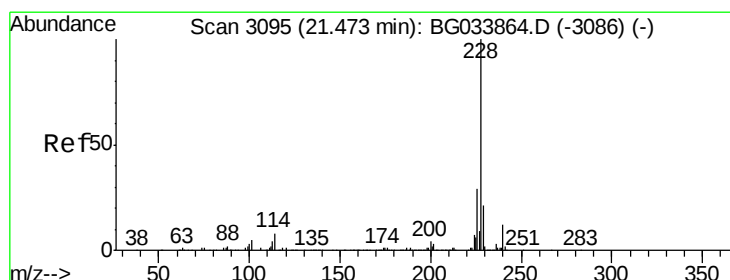
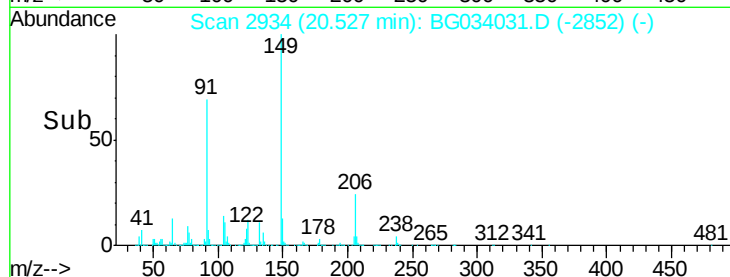
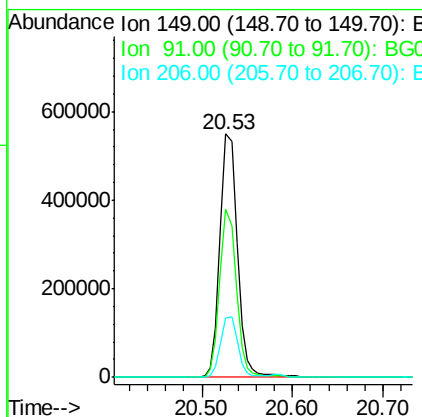
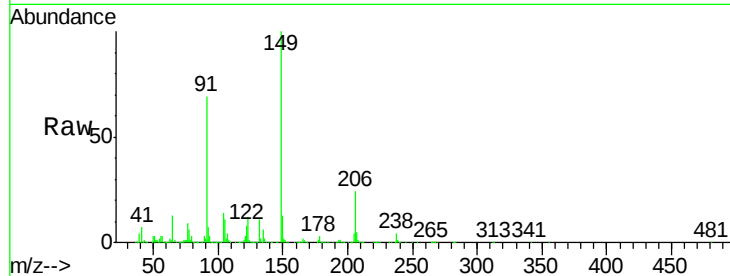
#79
Butylbenzylphthalate
Concen: 41.949 ng
RT: 20.53 min Scan# 2934
Delta R.T. -0.05 min
Lab File: BG034031.D
Acq: 27 Apr 2018 3:45

Instrument :
BNA_G
ClientSampleId :
PB108616BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	68.9	62.2	93.2
206	24.5	18.6	27.8

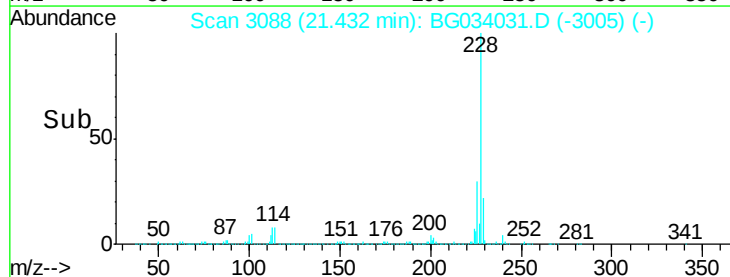
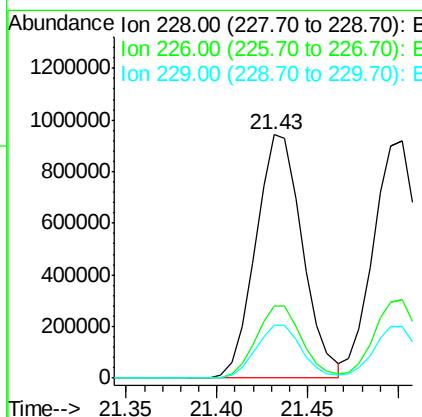
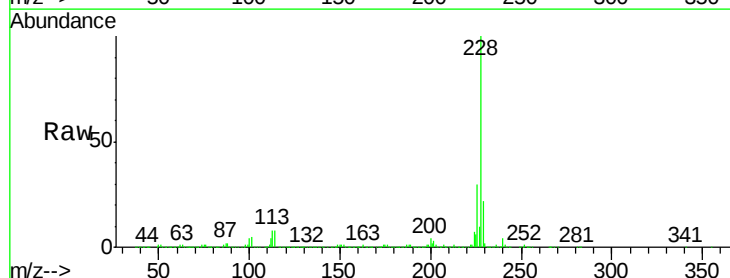
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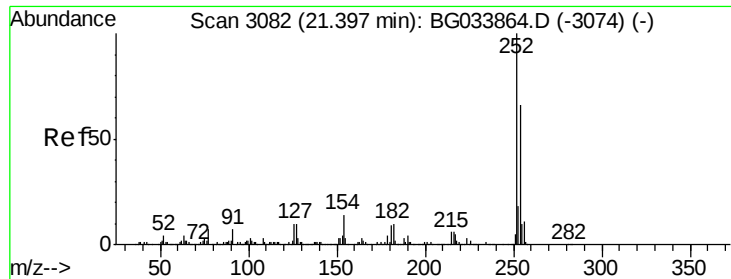
Sohil
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#80
Benzo(a)anthracene
Concen: 43.985 ng
RT: 21.43 min Scan# 3088
Delta R.T. -0.04 min
Lab File: BG034031.D
Acq: 27 Apr 2018 3:45

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.6	22.7	34.1
229	21.8	16.2	24.2





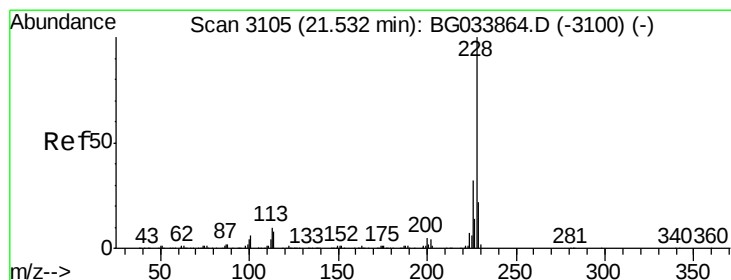
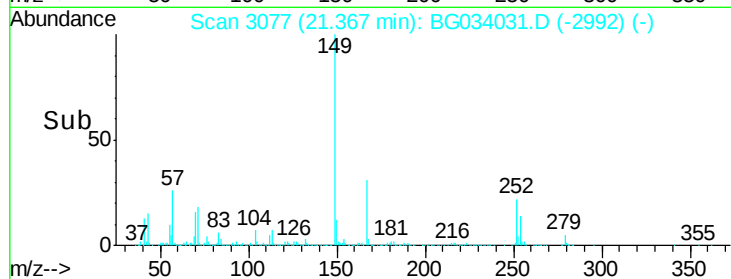
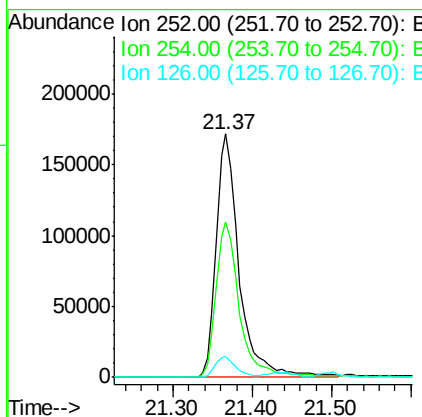
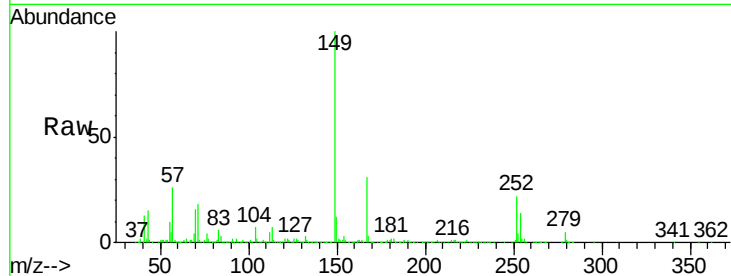
#81
 3,3'-Dichlorobenzidine
 Concen: 24.039 ng
 RT: 21.37 min Scan# 3077
 Delta R.T. -0.03 min
 Lab File: BG034031.D
 Acq: 27 Apr 2018 3:45

Instrument :
 BNA_G
 ClientSampleId :
 PB108616BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.7	50.8	76.2
126	8.8	7.4	11.2

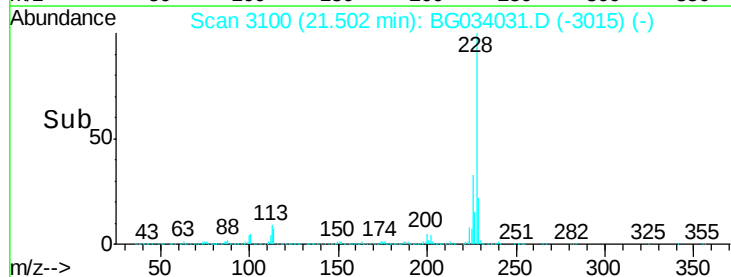
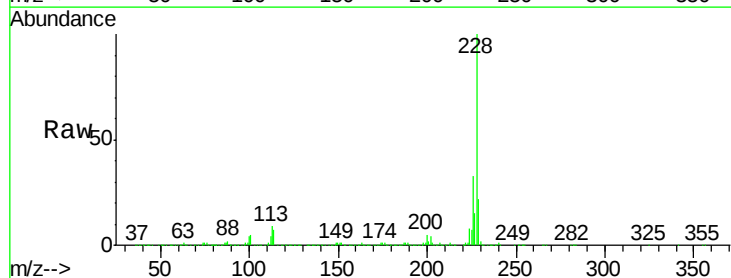
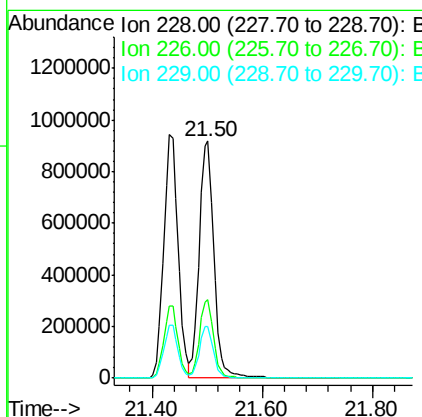
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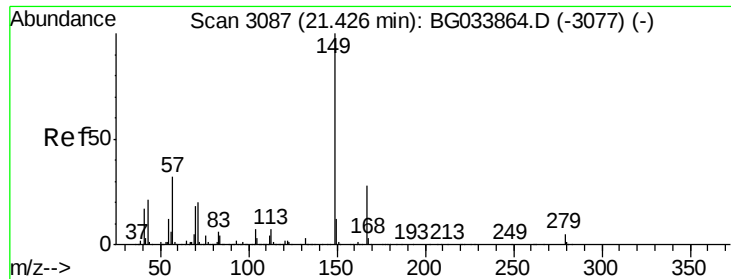
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#82
 Chrysene
 Concen: 45.629 ng
 RT: 21.50 min Scan# 3100
 Delta R.T. -0.03 min
 Lab File: BG034031.D
 Acq: 27 Apr 2018 3:45

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.0	24.9	37.3
229	21.9	15.0	22.4





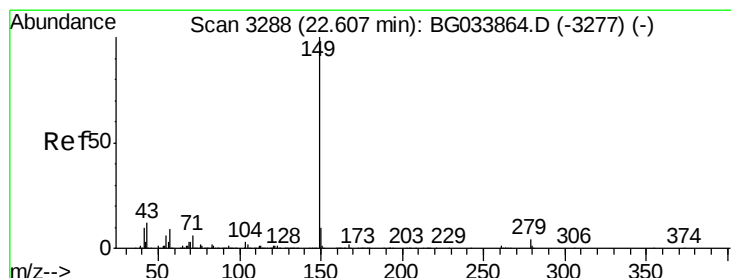
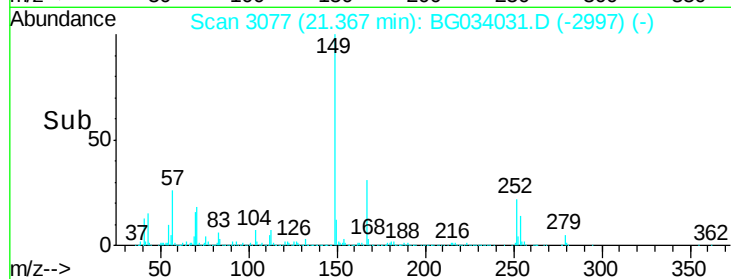
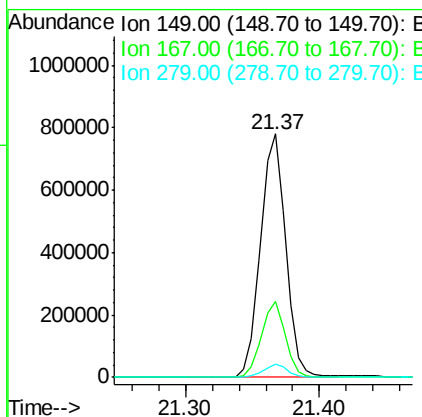
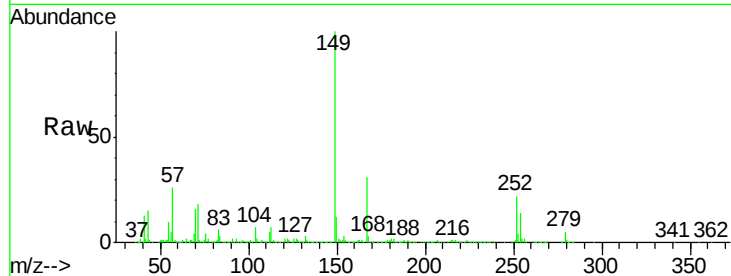
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.879 ng
 RT: 21.37 min Scan# 3077
 Delta R.T. -0.06 min
 Lab File: BG034031.D
 Acq: 27 Apr 2018 3:45

Instrument :
 BNA_G
 ClientSampled :
 PB108616BS

Tot Ion:149 Resp: 1014408
 Ion Ratio Lower Upper
 149 100
 167 31.0 24.3 36.5
 279 5.2 4.0 6.0

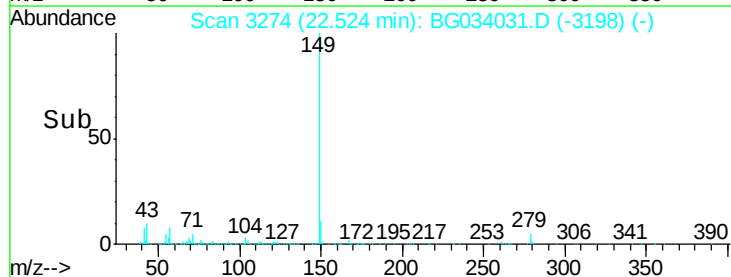
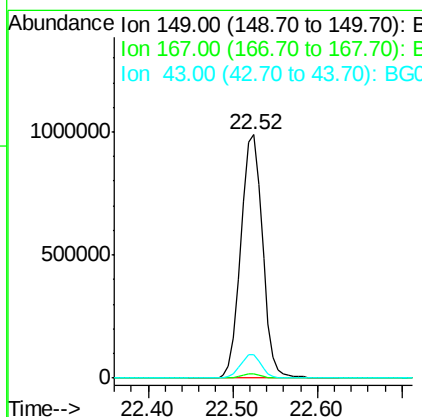
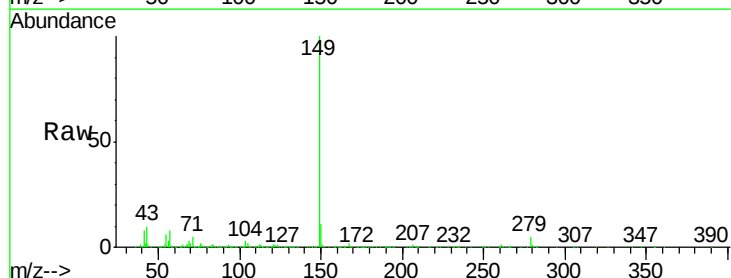
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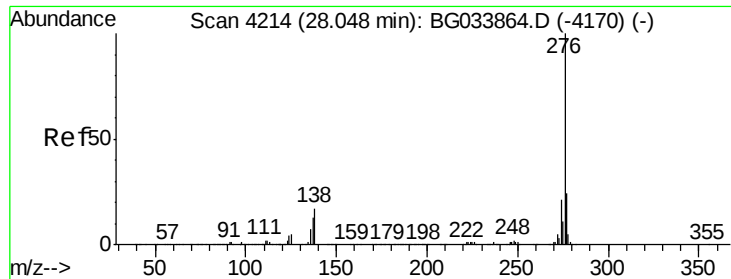
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#84
 Di-n-octyl phthalate
 Concen: 44.383 ng
 RT: 22.52 min Scan# 3274
 Delta R.T. -0.08 min
 Lab File: BG034031.D
 Acq: 27 Apr 2018 3:45

Tgt Ion:149 Resp: 1748108
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.4 2.0
 43 9.5 8.9 13.3





#85

Indeno(1,2,3-cd)pyrene

Concen: 48.446 ng

RT: 27.95 min Scan# 4198

Delta R.T. -0.09 min

Lab File: BG034031.D

Acq: 27 Apr 2018 3:45

Instrument :

BNA_G

ClientSampleId :

PB108616BS

Tot Ion:276 Resp: 2025647

Ion Ratio Lower Upper

276 100

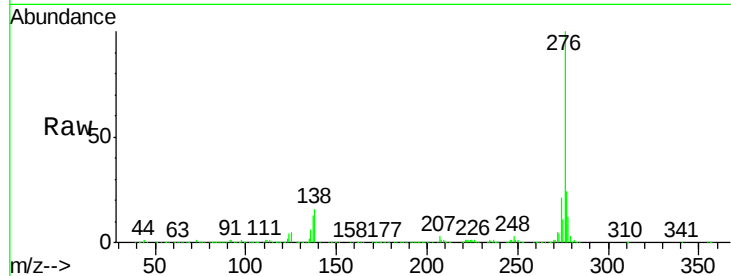
138 12.4 16.0 24.0#

277 26.0 20.0 30.0

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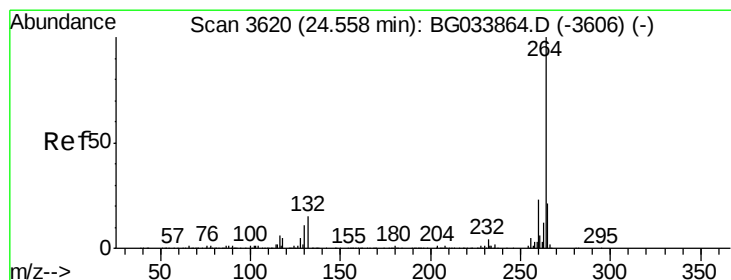
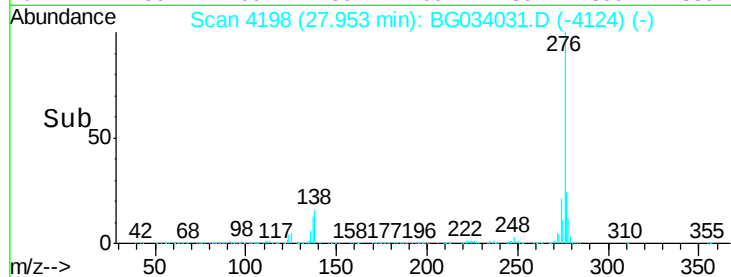
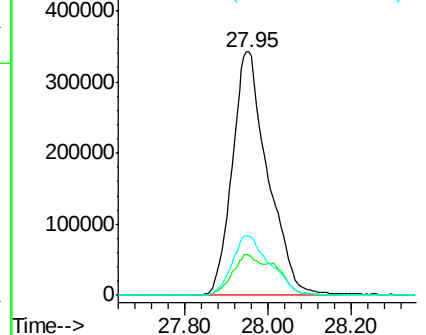
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Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.50 min Scan# 3610

Delta R.T. -0.06 min

Lab File: BG034031.D

Acq: 27 Apr 2018 3:45

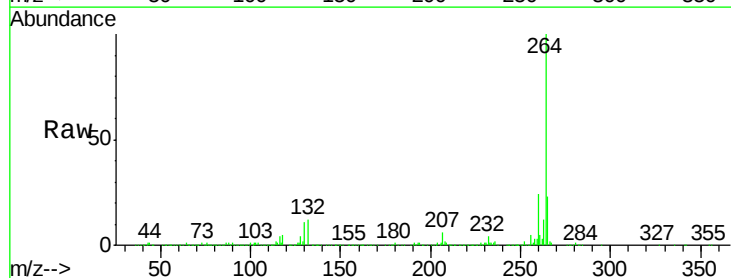
Tgt Ion:264 Resp: 627397

Ion Ratio Lower Upper

264 100

260 23.9 17.4 26.0

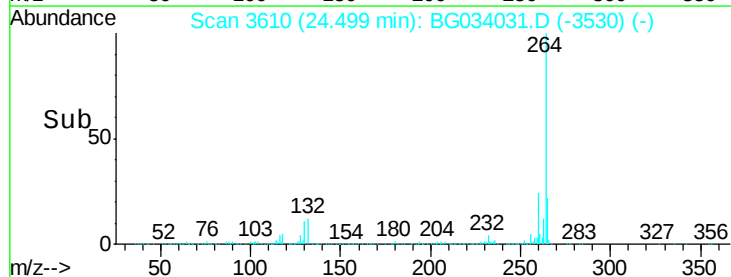
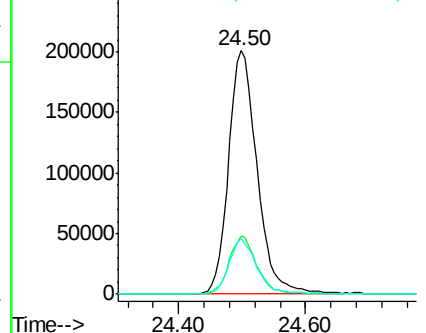
265 22.7 17.7 26.5

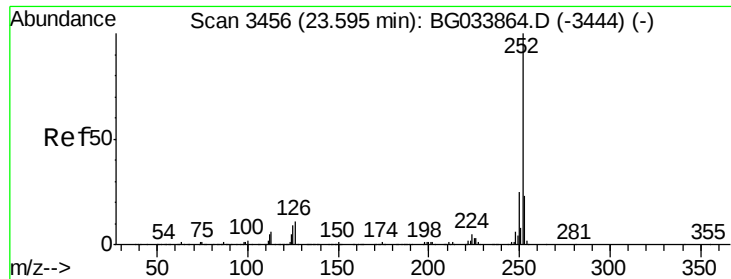


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





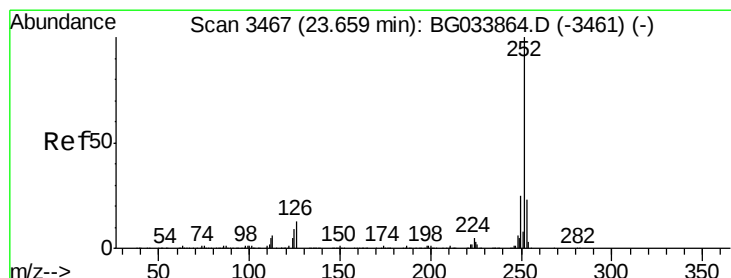
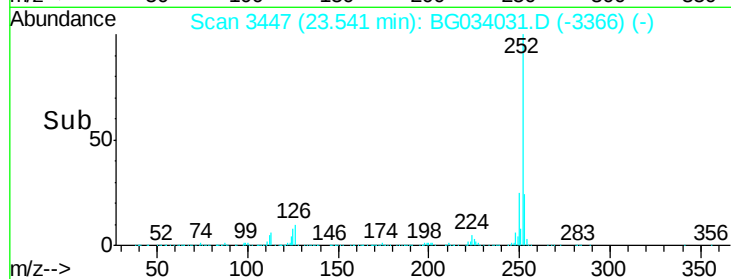
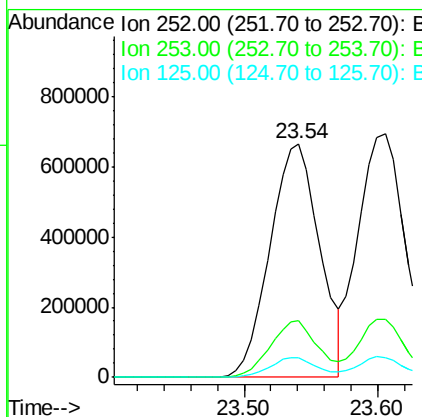
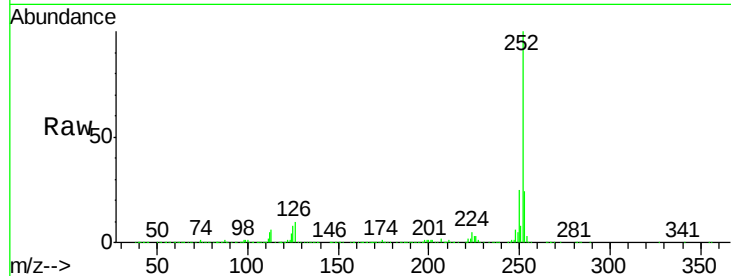
#87
Benzo(b)fluoranthene
Concen: 45.090 ng
RT: 23.54 min Scan# 3447
Delta R.T. -0.05 min
Lab File: BG034031.D
Acq: 27 Apr 2018 3:45

Instrument :
BNA_G
ClientSampleId :
PB108616BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.2	27.4
125	8.1	7.2	10.8

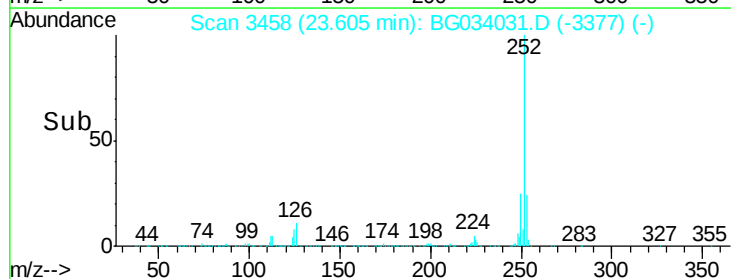
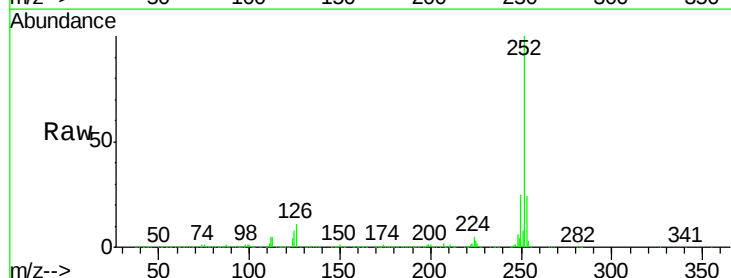
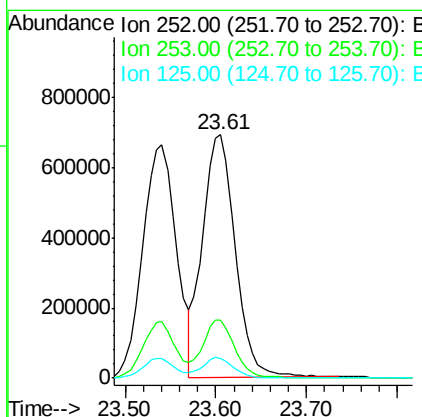
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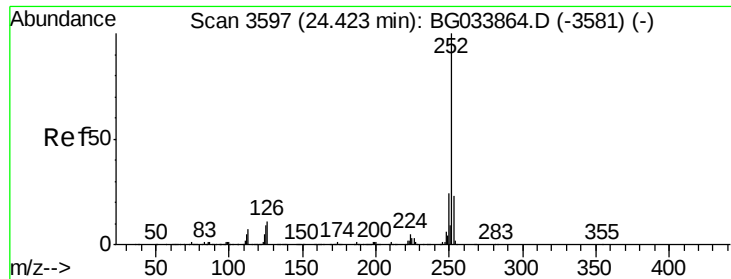
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#88
Benzo(k)fluoranthene
Concen: 45.694 ng
RT: 23.61 min Scan# 3458
Delta R.T. -0.05 min
Lab File: BG034031.D
Acq: 27 Apr 2018 3:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.4	26.2
125	8.0	6.6	9.8





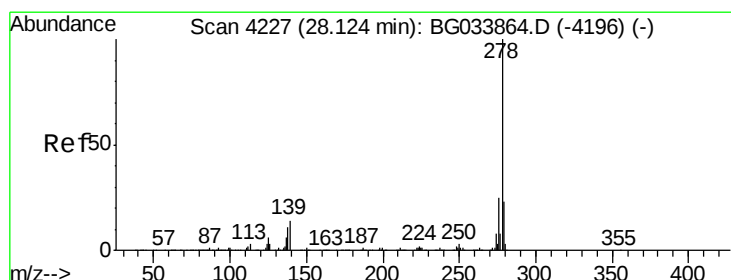
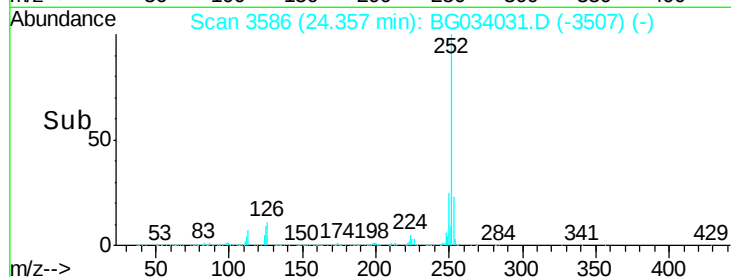
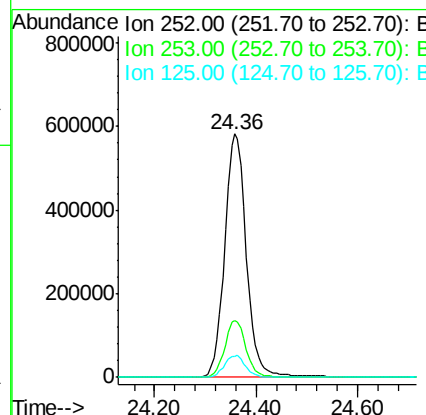
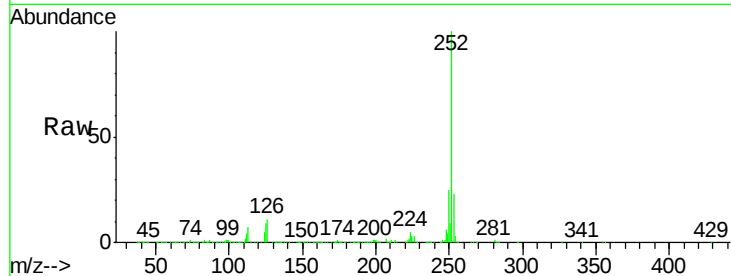
#89
Benzo(a)pyrene
Concen: 47.115 ng
RT: 24.36 min Scan# 3586
Delta R.T. -0.07 min
Lab File: BG034031.D
Acq: 27 Apr 2018 3:45

Instrument :
BNA_G
ClientSampleId :
PB108616BS

Tot Ion:252 Resp: 1727037
Ion Ratio Lower Upper
252 100
253 23.2 18.3 27.5
125 8.8 7.3 10.9

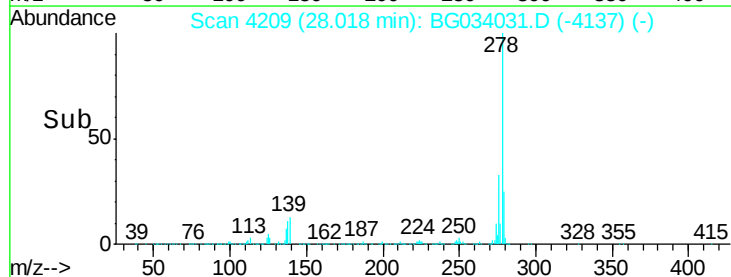
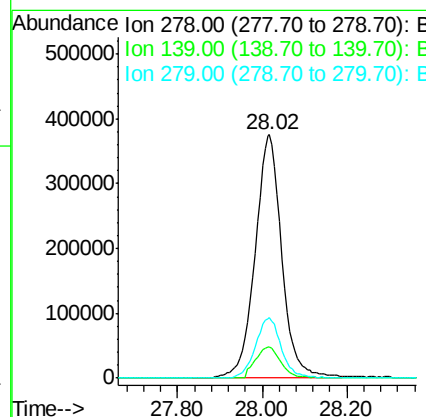
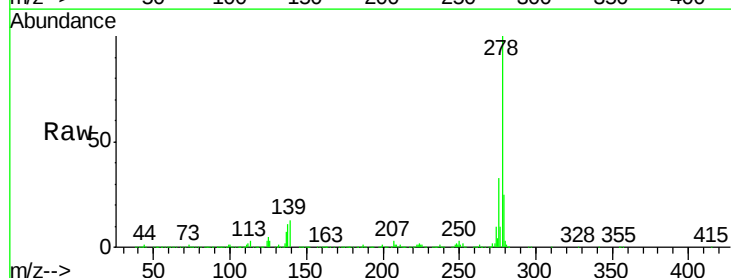
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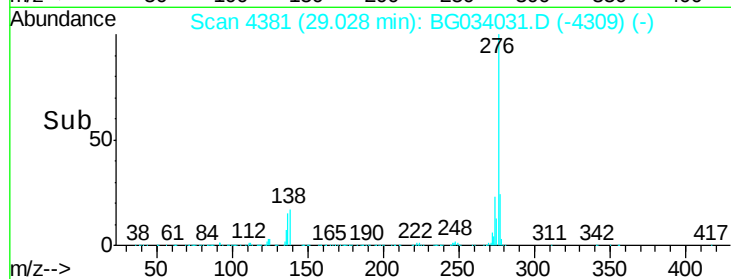
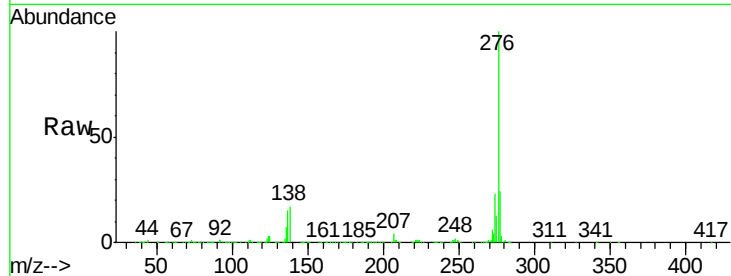
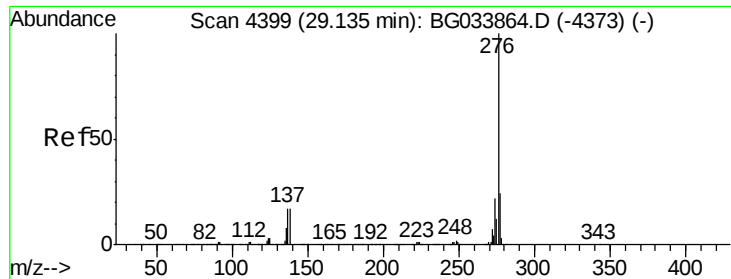
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#90
Dibenzo(a,h)anthracene
Concen: 46.902 ng
RT: 28.02 min Scan# 4209
Delta R.T. -0.11 min
Lab File: BG034031.D
Acq: 27 Apr 2018 3:45

Tgt Ion:278 Resp: 1663560
Ion Ratio Lower Upper
278 100
139 12.9 9.8 14.6
279 24.7 18.4 27.6





#91
 Benzo(a,h,i)perylene
 Concen: 48.357 ng
 RT: 29.03 min Scan# 4381
 Delta R.T. -0.11 min
 Lab File: BG034031.D
 Acq: 27 Apr 2018 3:45

Tot Ion: 276 Resp: 1687711
 Ion Ratio Lower Upper
 276 100
 277 23.9 18.3 27.5
 138 17.2 13.9 20.9

Instrument :
 BNA_G
 ClientSampleId :
 PB108616BS

Manual Integrations
 APPROVED

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