

Data Path : Z:\HPCHEM1\BNA_G\Data\BG121417\
 Data File : BG031591.D
 Acq On : 15 Dec 2017 12:07
 Operator : SJ/JU
 Sample : SSTDCCC040EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
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 12/15/2017 6:47:10 PM

Quant Time: Dec 15 13:12:02 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG121117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 11 17:25:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	70786	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	307390	20.00	ng	-0.01
38) Acenaphthene-d10	14.73	164	195542	20.00	ng	0.00
63) Phenanthrene-d10	17.47	188	483651	20.00	ng	0.00
75) Chrysene-d12	21.74	240	511689	20.00	ng	-0.01
86) Perylene-d12	25.01	264	464720	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.65	112	337337	84.47	ng	-0.01
7) Phenol-d6	7.26	99	439491	79.27	ng	0.00
23) Nitrobenzene-d5	9.27	82	413529	82.92	ng	0.00
41) 2,4,6-Tribromophenol	16.21	330	201446	87.93	ng	0.00
44) 2-Fluorobiphenyl	13.35	172	1100523	82.61	ng	0.00
78) Terphenyl-d14	20.06	244	1816640	80.77	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	68827	36.121	ng	87
3) Pyridine	3.91	79	201341	40.133	ng	90
4) n-Nitrosodimethylamine	3.83	42	94858	40.142	ng	# 92
6) Aniline	7.42	93	283003	38.762	ng	94
8) 2-Chlorophenol	7.66	128	181551	40.756	ng	89
9) Benzaldehyde	7.24	77	126089	39.237	ng	88
10) Phenol	7.29	94	228578	40.135	ng	93
11) bis(2-Chloroethyl)ether	7.51	93	184655	39.725	ng	90
12) 1,3-Dichlorobenzene	7.99	146	216924	40.949	ng	96
13) 1,4-Dichlorobenzene	8.13	146	220297	40.014	ng	96
14) 1,2-Dichlorobenzene	8.45	146	209755	39.995	ng	97
15) Benzyl Alcohol	8.34	79	161861	37.323	ng	91
16) 2,2'-oxybis(1-Chloropropan	8.62	45	190331	36.447	ng	88
17) 2-Methylphenol	8.55	107	153303	39.489	ng	96
18) Hexachloroethane	9.18	117	75482	40.673	ng	96
19) n-Nitroso-di-n-propylamine	8.90	70	155775	35.699	ng	# 98
20) 3+4-Methylphenols	8.88	107	218992	37.867	ng	95
22) Acetophenone	8.92	105	302673	41.044	ng	# 94
24) Nitrobenzene	9.31	77	212705	41.622	ng	89
25) Isophorone	9.83	82	372841	39.559	ng	# 93
26) 2-Nitrophenol	10.03	139	109595	43.370	ng	# 89
27) 2,4-Dimethylphenol	10.08	122	160514	41.814	ng	94
28) bis(2-Chloroethoxy)methane	10.30	93	251132	41.273	ng	97
29) 2,4-Dichlorophenol	10.57	162	196832	43.521	ng	91
30) 1,2,4-Trichlorobenzene	10.77	180	239461	41.450	ng	96
31) Naphthalene	10.96	128	598087	39.605	ng	99
32) Benzoic acid	10.24	122	42081m	25.370	ng	
33) 4-Chloroaniline	11.07	127	258007	39.349	ng	95
34) Hexachlorobutadiene	11.24	225	162443	42.391	ng	97
35) Caprolactam	11.85	113	62165	35.004	ng	# 75
36) 4-Chloro-3-methylphenol	12.20	107	198627	38.475	ng	# 84
37) 2-Methylnaphthalene	12.56	142	449505	38.444	ng	93
39) 1,2,4,5-Tetrachlorobenzene	12.93	216	328944	43.043	ng	# 96
40) Hexachlorocyclopentadiene	12.90	237	47490	29.720	ng	92

Data Path : Z:\HPCHEM1\BNA_G\Data\BG121417\
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 ALS Vial : 2 Sample Multiplier: 1

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 BNA_G
 ClientSampleId :
 SSTDC040EC

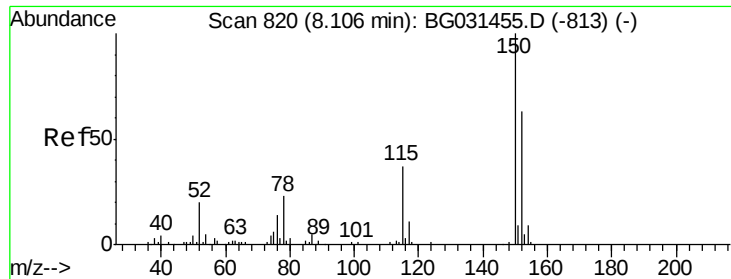
Manual Integrations
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 12/15/2017 6:47:10 PM

Quant Time: Dec 15 13:12:02 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG121117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 11 17:25:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.17	196	173703	44.488	ng	99
43) 2,4,5-Trichlorophenol	13.26	196	178753	42.500	ng	92
45) 1,1'-Biphenyl	13.56	154	663136	41.290	ng	96
46) 2-Chloronaphthalene	13.60	162	486300	41.370	ng	96
47) 2-Nitroaniline	13.82	65	137409	41.599	ng	# 81
48) Acenaphthylene	14.45	152	769631	40.690	ng	98
49) Dimethylphthalate	14.17	163	660991	40.830	ng	98
50) 2,6-Dinitrotoluene	14.30	165	145145	41.946	ng	# 78
51) Acenaphthene	14.79	154	479908	40.126	ng	99
52) 3-Nitroaniline	14.64	138	144305	40.910	ng	# 82
53) 2,4-Dinitrophenol	14.86	184	6349	12.950	ng	# 51
54) Dibenzofuran	15.12	168	758963	39.768	ng	97
55) 4-Nitrophenol	14.97	139	85222	37.715	ng	# 80
56) 2,4-Dinitrotoluene	15.10	165	199650	40.623	ng	# 77
57) Fluorene	15.77	166	607123	39.702	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.36	232	167523	42.374	ng	89
59) Diethylphthalate	15.53	149	659340	40.632	ng	99
60) 4-Chlorophenyl-phenylether	15.75	204	374426	40.020	ng	90
61) 4-Nitroaniline	15.80	138	151635	40.964	ng	91
62) Azobenzene	16.05	77	514753	38.294	ng	93
64) 4,6-Dinitro-2-methylphenol	15.86	198	85113	31.010	ng	78
65) n-Nitrosodiphenylamine	15.97	169	591970	41.816	ng	98
66) 4-Bromophenyl-phenylether	16.65	248	236096	41.980	ng	97
67) Hexachlorobenzene	16.78	284	245296	42.238	ng	96
68) Atrazine	16.91	200	222373	42.960	ng	98
69) Pentachlorophenol	17.13	266	76187	31.022	ng	98
70) Phenanthrene	17.51	178	1006794	39.859	ng	99
71) Anthracene	17.60	178	1010739	40.459	ng	99
72) Carbazole	17.87	167	938324	41.505	ng	99
73) Di-n-butylphthalate	18.40	149	1115262	42.719	ng	100
74) Fluoranthene	19.51	202	1278126	40.433	ng	97
76) Benzidine	19.69	184	418009	35.103	ng	99
77) Pyrene	19.87	202	1315830	41.386	ng	97
79) Butylbenzylphthalate	20.74	149	507746	45.522	ng	86
80) Benzo(a)anthracene	21.72	228	1269587	41.107	ng	98
81) 3,3'-Dichlorobenzidine	21.62	252	472141	43.924	ng	99
82) Chrysene	21.78	228	1195894	40.391	ng	97
83) Bis(2-ethylhexyl)phthalate	21.60	149	714544	44.528	ng	100
84) Di-n-octyl phthalate	22.81	149	1147768	43.361	ng	# 95
85) Indeno(1,2,3-cd)pyrene	28.77	276	1184667	37.439	ng	# 53
87) Benzo(b)fluoranthene	23.97	252	1205204m	43.378	ng	
88) Benzo(k)fluoranthene	24.05	252	1156564	40.791	ng	97
89) Benzo(a)pyrene	24.87	252	1096221	41.593	ng	98
90) Dibenzo(a,h)anthracene	28.84	278	1005284	39.887	ng	99
91) Benzo(g,h,i)perylene	29.96	276	970681	39.175	ng	98

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



#1

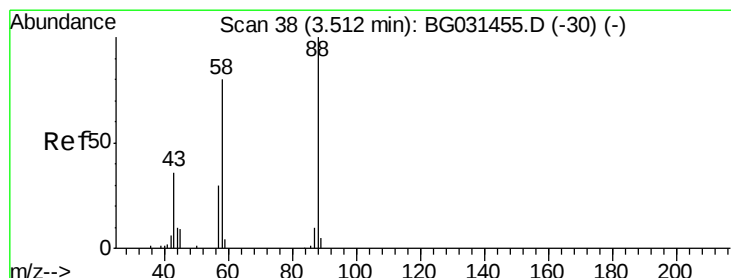
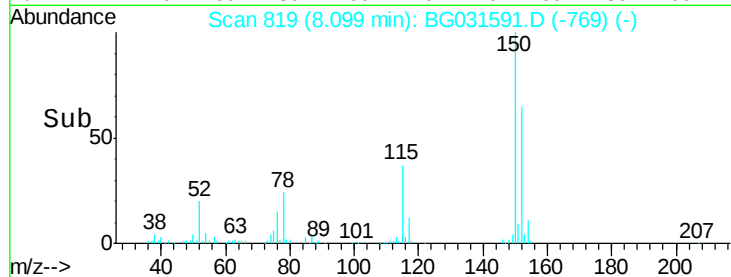
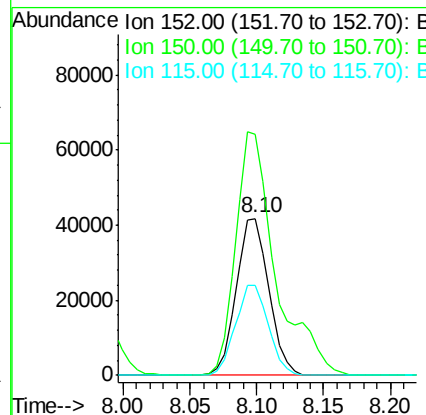
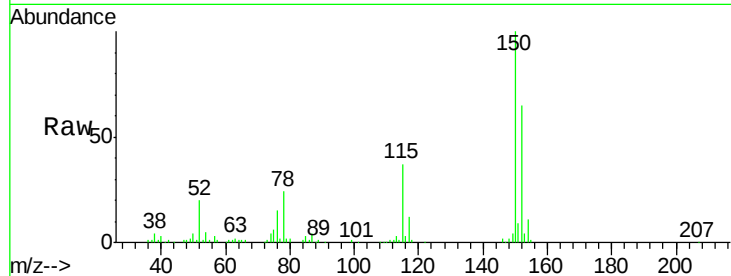
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG031591.D
Acq: 15 Dec 2017 12:07

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
152	100		
150	153.6	126.6	189.8
115	57.5	53.0	79.4

Manual Integrations
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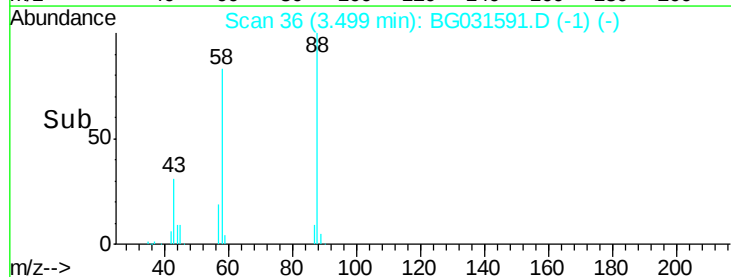
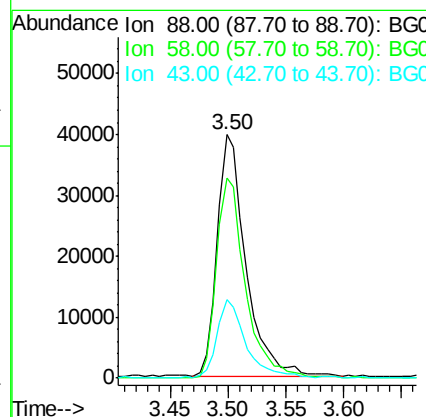
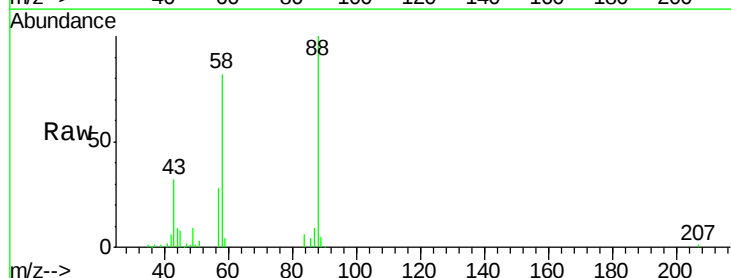
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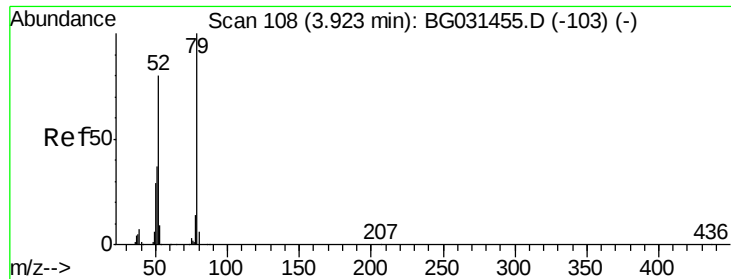


#2

1,4-Dioxane
Concen: 36.121 ng
RT: 3.50 min Scan# 36
Delta R.T. -0.01 min
Lab File: BG031591.D
Acq: 15 Dec 2017 12:07

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.4	79.6	119.4
43	32.5	27.4	41.0





#3

Pyridine

Concen: 40.133 ng

RT: 3.91 min Scan# 106

Delta R.T. -0.01 min

Lab File: BG031591.D

Acq: 15 Dec 2017 12:07

Instrument :

BNA_G

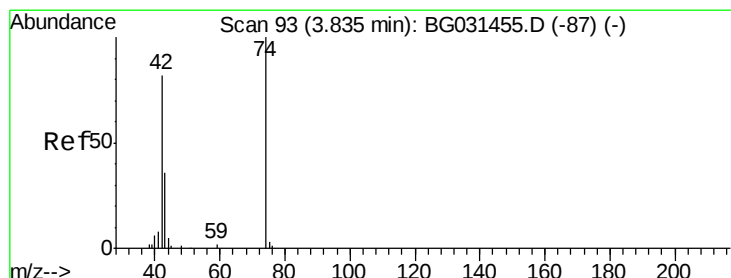
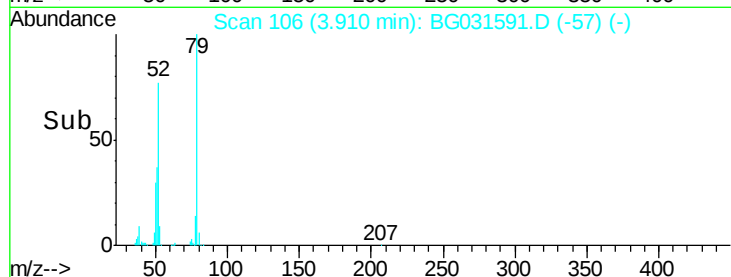
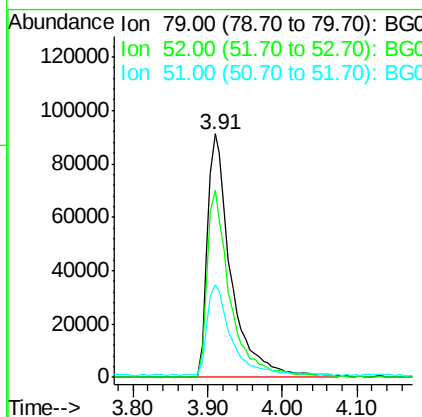
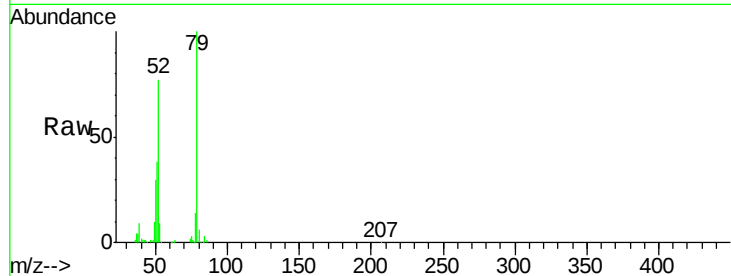
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	79	Resp:	201341
Ion Ratio	Lower	Upper	
79	100		
52	77.1	69.9	104.9
51	38.1	34.0	51.0

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#4

n-Nitrosodimethylamine

Concen: 40.142 ng

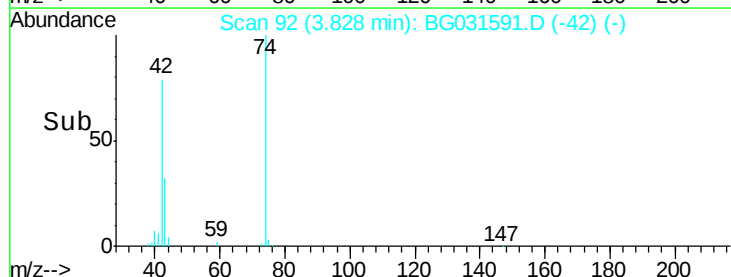
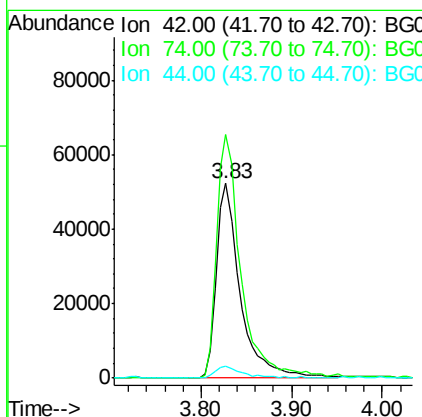
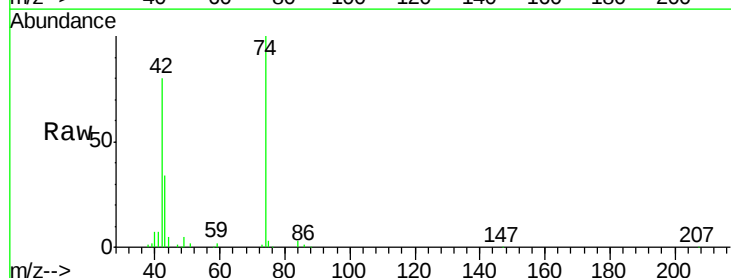
RT: 3.83 min Scan# 92

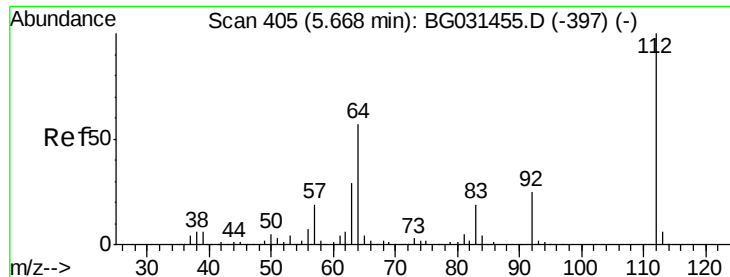
Delta R.T. -0.01 min

Lab File: BG031591.D

Acq: 15 Dec 2017 12:07

Tgt Ion:	42	Resp:	94858
Ion Ratio	Lower	Upper	
42	100		
74	125.2	102.5	153.7
44	6.4	18.9	28.3#





#5

2-Fluorophenol

Concen: 84.471 ng

RT: 5.65 min Scan# 403

Delta R.T. -0.01 min

Lab File: BG031591.D

Acq: 15 Dec 2017 12:07

Instrument :

BNA_G

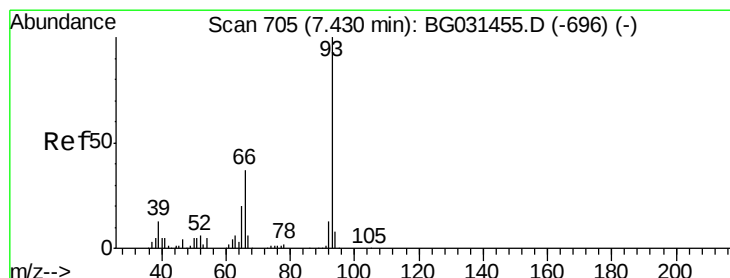
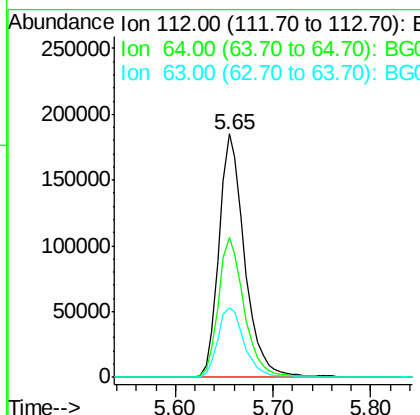
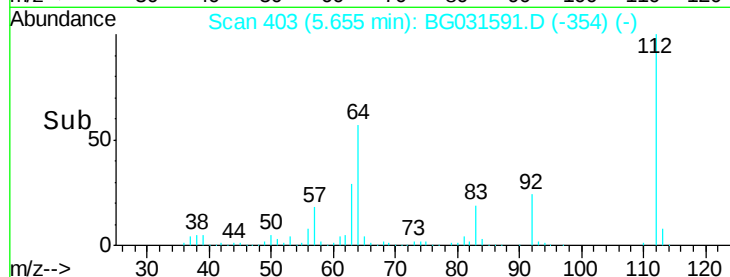
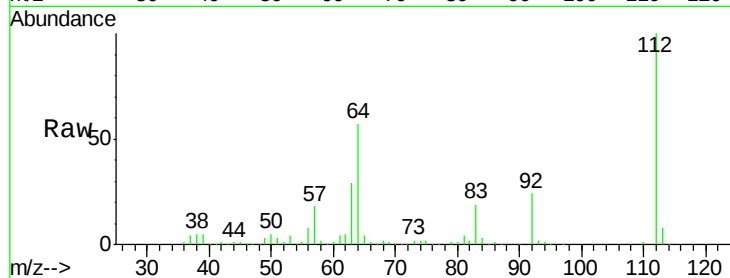
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	112	Resp:	337337
Ion Ratio	Lower	Upper	
112	100		
64	57.4	56.3	84.5
63	28.6	30.1	45.1#

Manual Integrations
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#6

Aniline

Concen: 38.762 ng

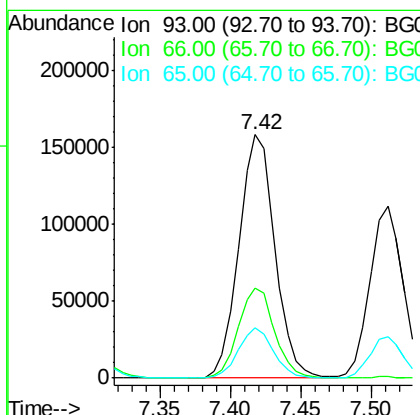
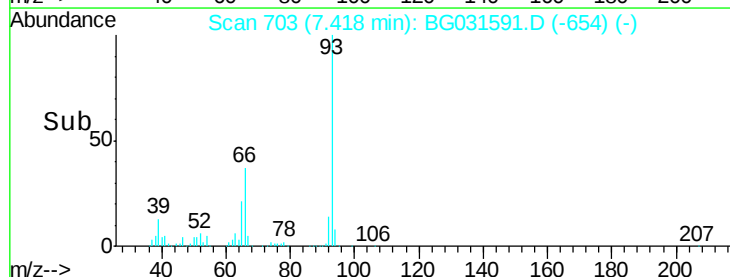
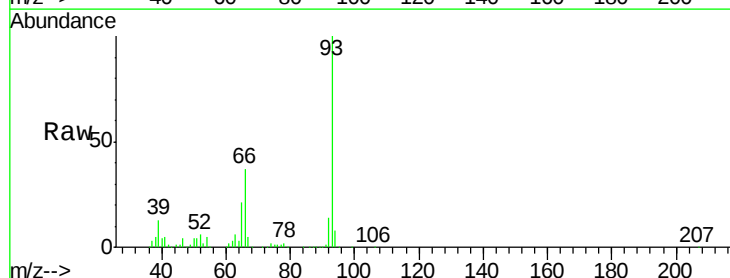
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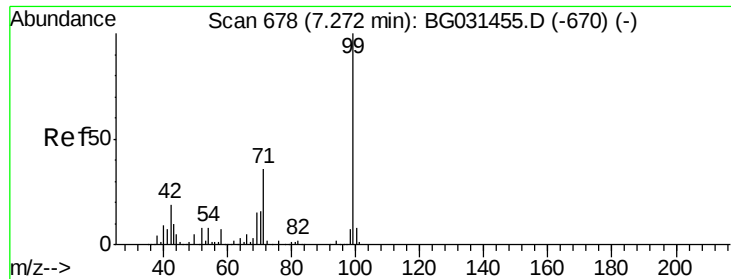
Delta R.T. -0.01 min

Lab File: BG031591.D

Acq: 15 Dec 2017 12:07

Tgt Ion:	93	Resp:	283003
Ion Ratio	Lower	Upper	
93	100		
66	36.9	33.7	50.5
65	20.7	16.1	24.1





#7

Phenol-d6

Concen: 79.274 ng

RT: 7.26 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG031591.D

Acq: 15 Dec 2017 12:07

Instrument :

BNA_G

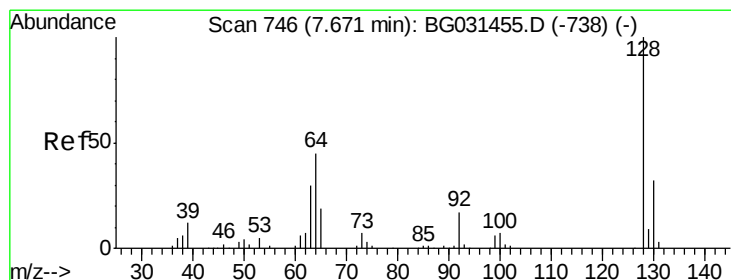
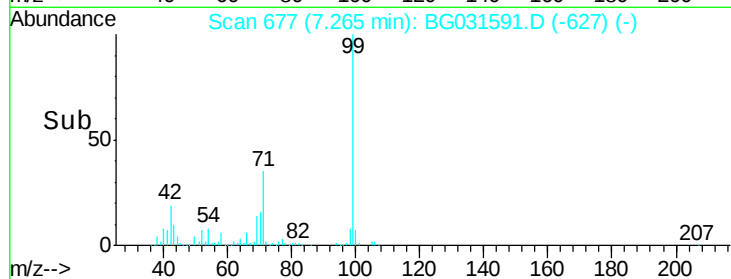
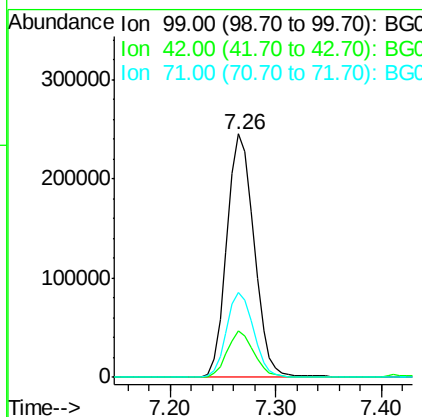
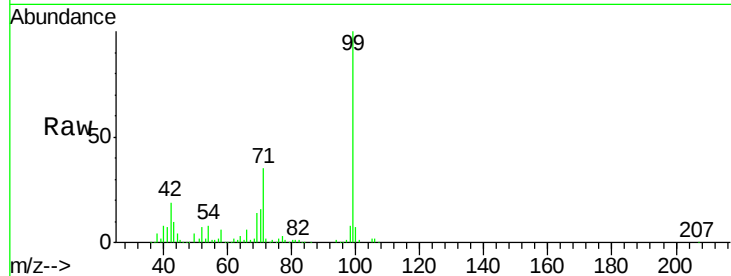
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	99	Resp:	439491
Ion Ratio	Lower	Upper	
99	100		
42	19.2	14.1	21.1
71	34.9	26.1	39.1

Manual Integrations
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#8

2-Chlorophenol

Concen: 40.756 ng

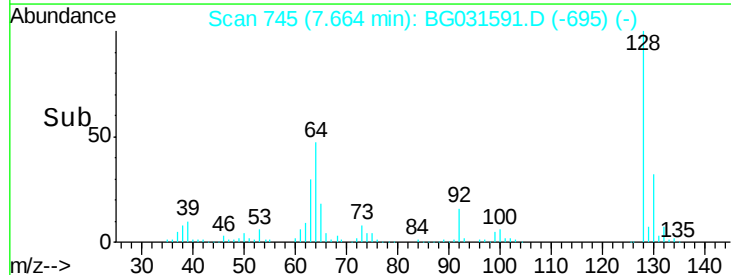
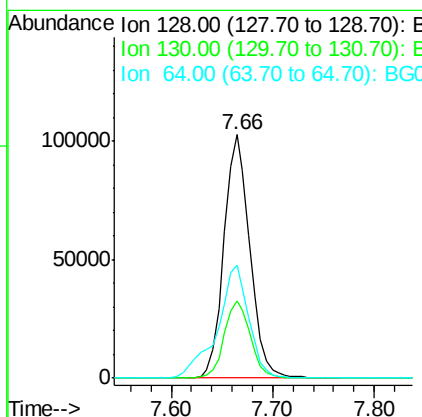
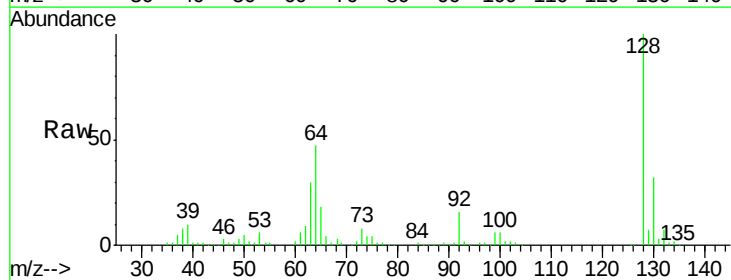
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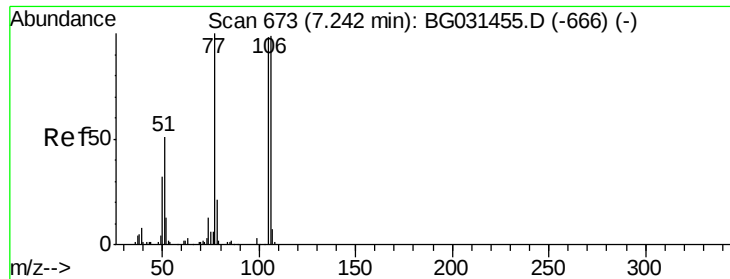
Delta R.T. -0.01 min

Lab File: BG031591.D

Acq: 15 Dec 2017 12:07

Tgt Ion:	128	Resp:	181551
Ion Ratio	Lower	Upper	
128	100		
130	31.7	14.0	54.0
64	46.6	37.7	77.7





#9

Benzaldehyde

Concen: 39.237 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG031591.D

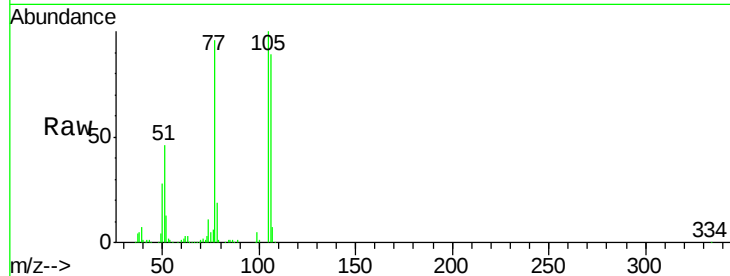
Acq: 15 Dec 2017 12:07

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC



Tgt Ion: 77 Resp: 126089

Ion Ratio Lower Upper

77 100

105 104.1 71.3 111.3

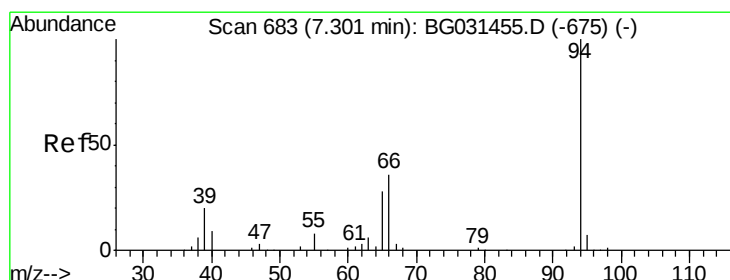
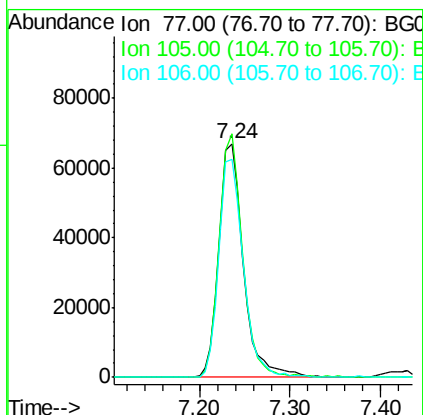
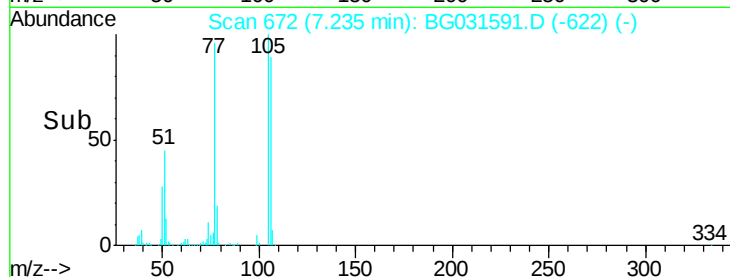
106 93.1 64.2 104.2

Manual Integrations

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#10

Phenol

Concen: 40.135 ng

RT: 7.29 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG031591.D

Acq: 15 Dec 2017 12:07

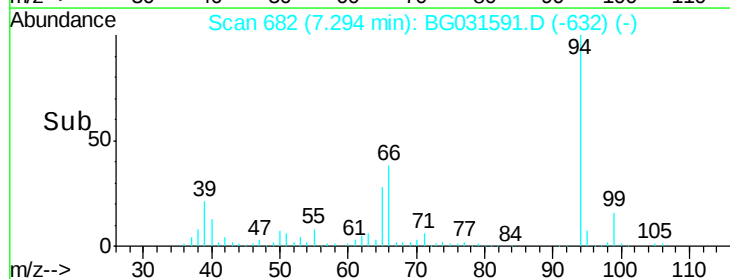
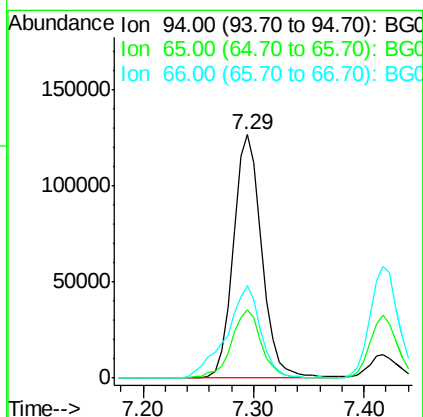
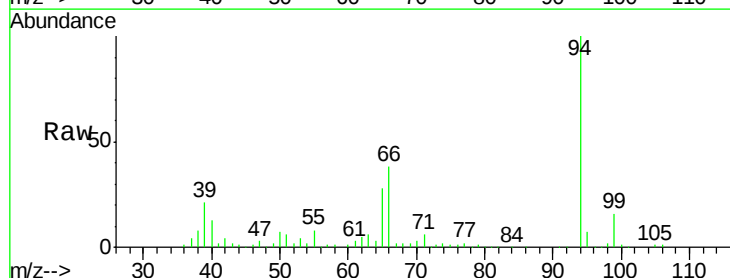
Tgt Ion: 94 Resp: 228578

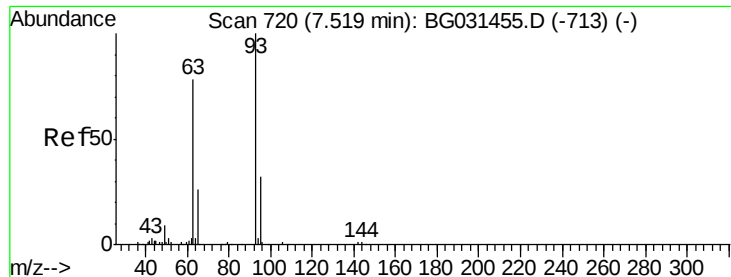
Ion Ratio Lower Upper

94 100

65 28.0 11.9 51.9

66 37.9 22.2 62.2





#11

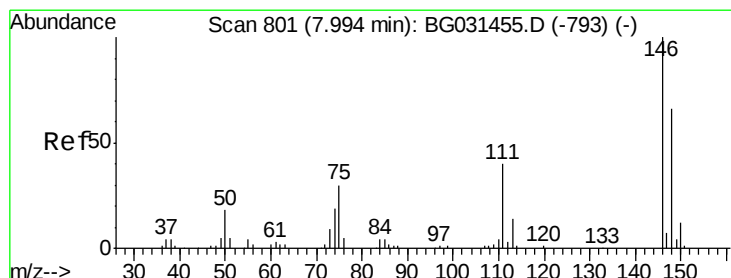
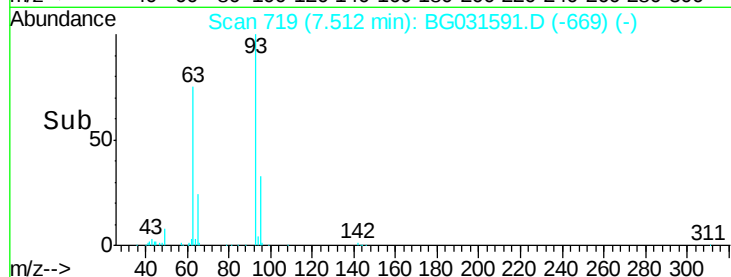
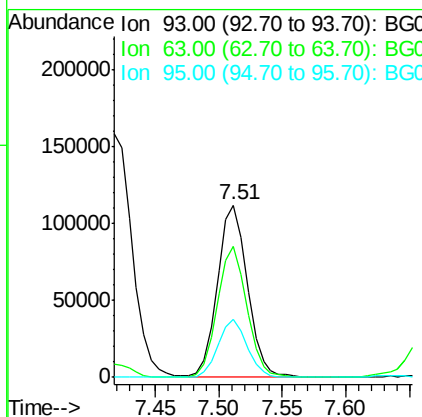
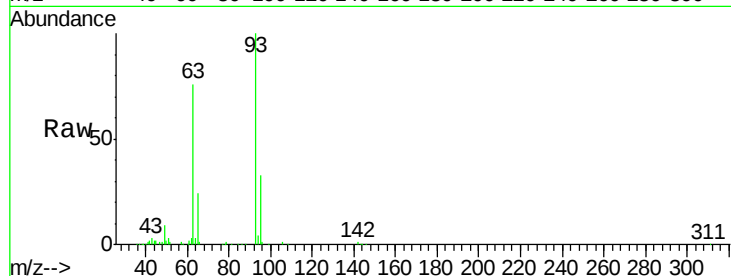
bis(2-Chloroethyl)ether
Concen: 39.725 ng
RT: 7.51 min Scan# 719
Delta R.T. -0.01 min
Lab File: BG031591.D
Acq: 15 Dec 2017 12:07

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	184655		
63	75.9	67.1	107.1	
95	33.4	11.5	51.5	

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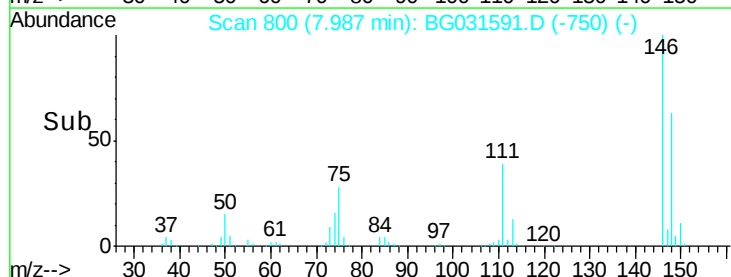
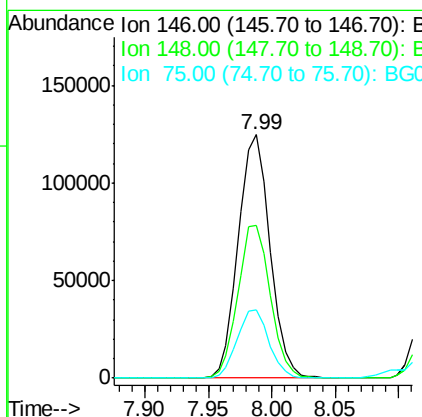
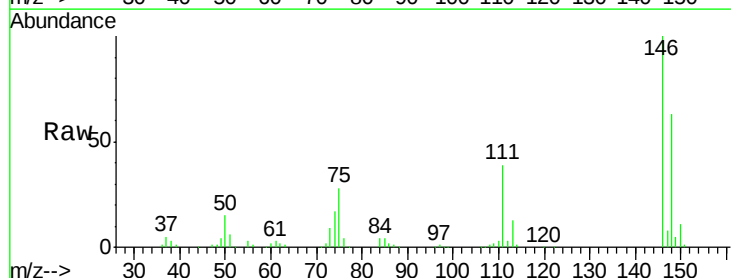
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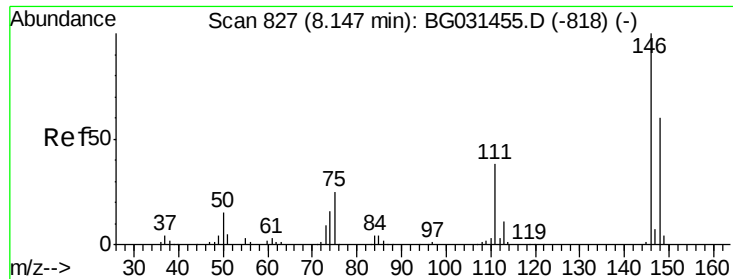


#12

1,3-Dichlorobenzene
Concen: 40.949 ng
RT: 7.99 min Scan# 800
Delta R.T. -0.01 min
Lab File: BG031591.D
Acq: 15 Dec 2017 12:07

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	216924		
148	62.9	51.4	77.2	
75	28.3	26.6	39.8	





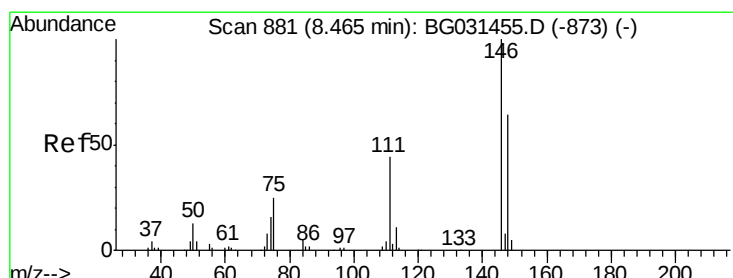
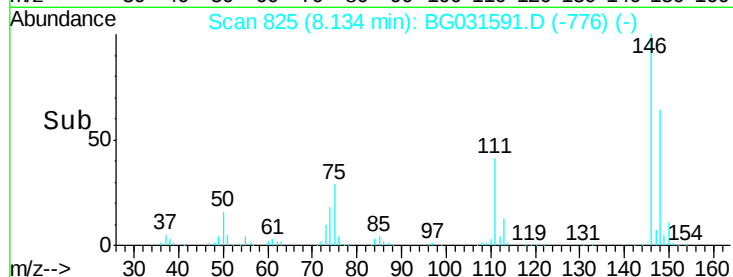
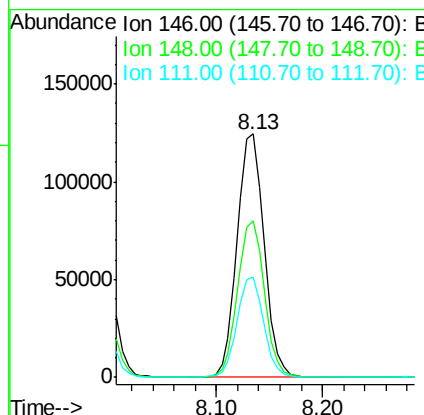
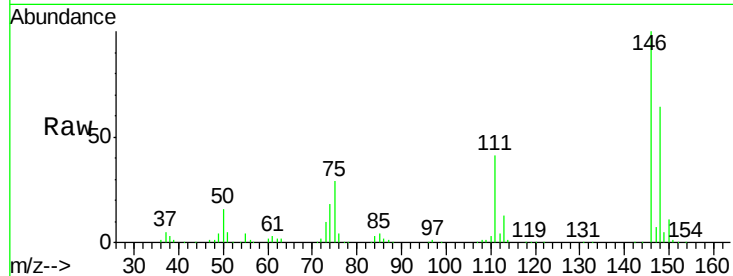
#13
1,4-Dichlorobenzene
Concen: 40.014 ng
RT: 8.13 min Scan# 825
Delta R.T. -0.01 min
Lab File: BG031591.D
Acq: 15 Dec 2017 12:07

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	53.7	80.5
111	41.1	35.2	52.8

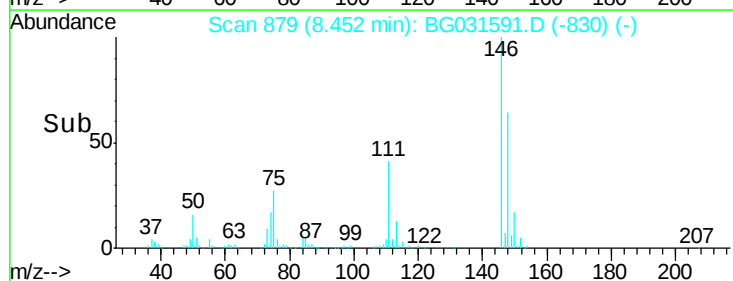
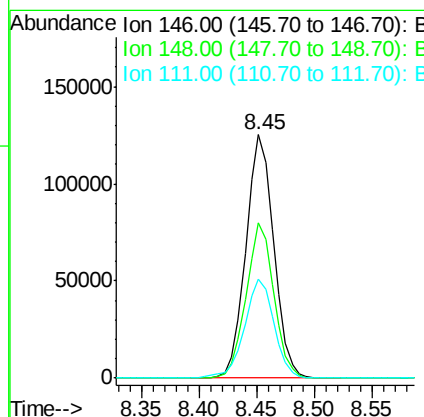
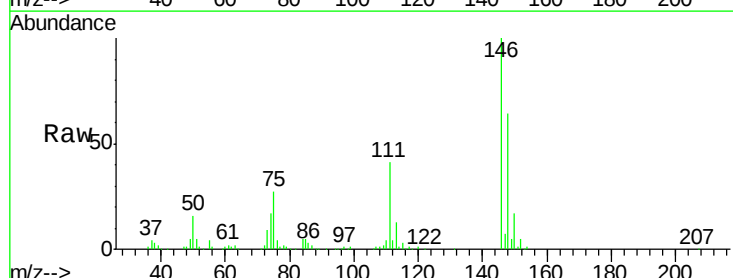
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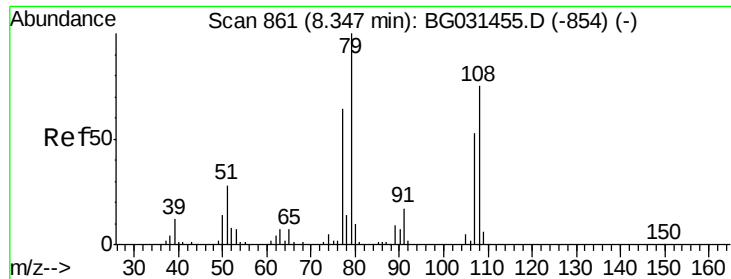
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#14
1,2-Dichlorobenzene
Concen: 39.995 ng
RT: 8.45 min Scan# 879
Delta R.T. -0.01 min
Lab File: BG031591.D
Acq: 15 Dec 2017 12:07

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	49.3	73.9
111	40.9	34.3	51.5





#15

Benzyl Alcohol

Concen: 37.323 ng

RT: 8.34 min Scan# 860

Delta R.T. -0.01 min

Lab File: BG031591.D

Acq: 15 Dec 2017 12:07

Instrument :

BNA_G

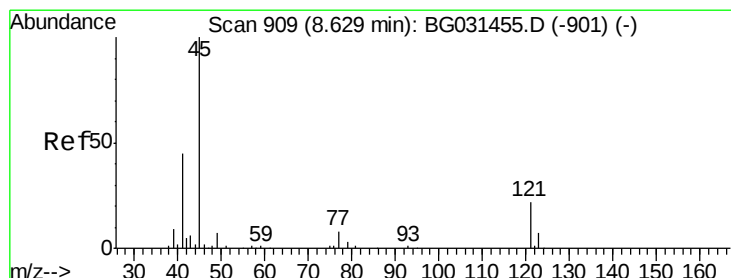
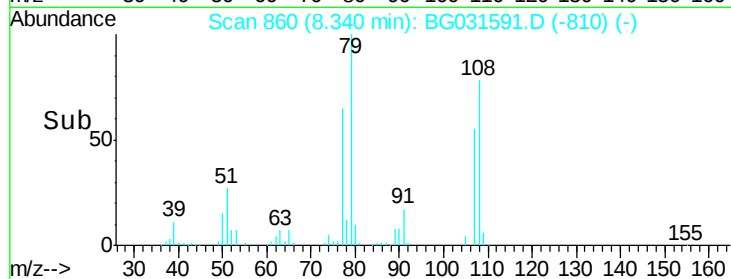
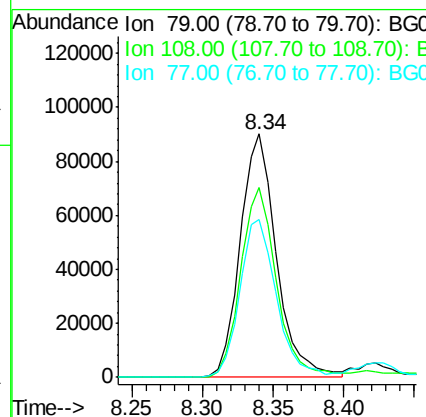
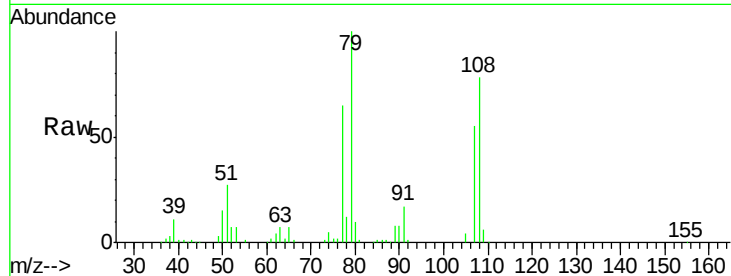
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	79	Resp:	161861
Ion Ratio	Lower	Upper	
79	100		
108	78.0	57.2	85.8
77	65.1	46.1	69.1

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.447 ng

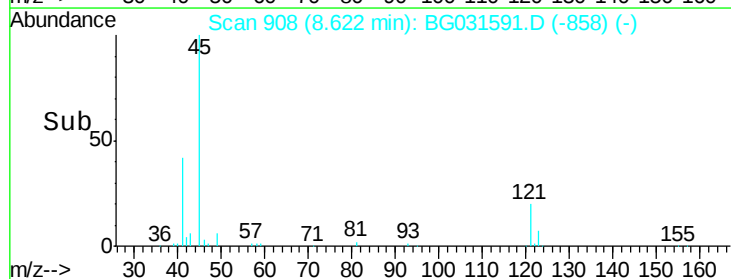
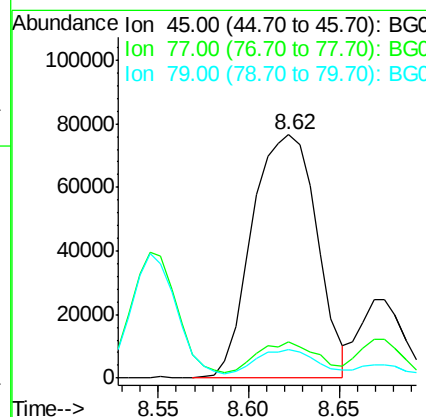
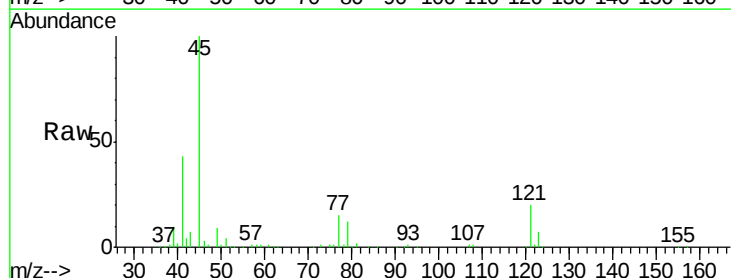
RT: 8.62 min Scan# 908

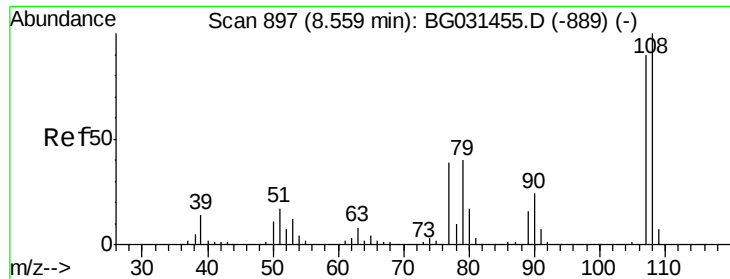
Delta R.T. -0.01 min

Lab File: BG031591.D

Acq: 15 Dec 2017 12:07

Tgt Ion:	45	Resp:	190331
Ion Ratio	Lower	Upper	
45	100		
77	14.6	0.0	30.2
79	11.9	0.0	27.9





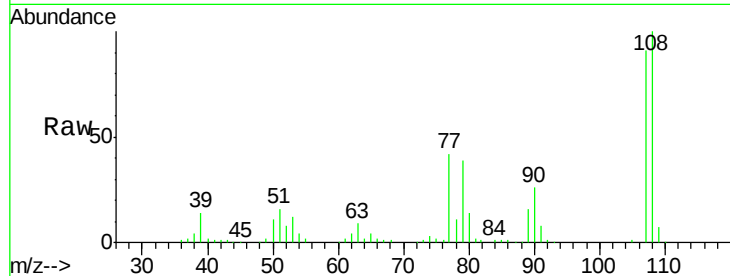
#17
2-Methylphenol
Concen: 39.489 ng
RT: 8.55 min Scan# 896
Delta R.T. -0.01 min
Lab File: BG031591.D
Acq: 15 Dec 2017 12:07

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.1	83.9	125.9	
77	46.2	37.2	55.8	
79	43.1	36.2	54.2	

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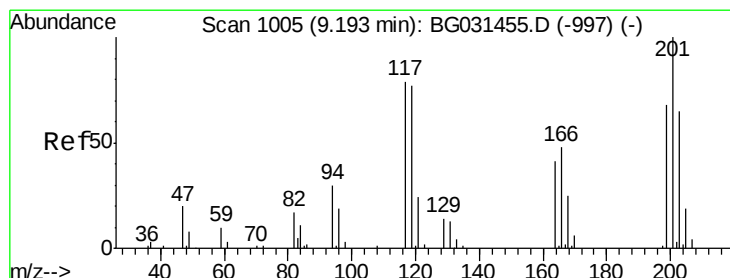
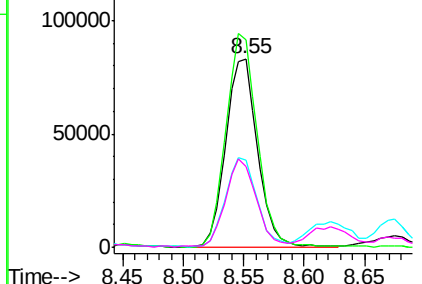
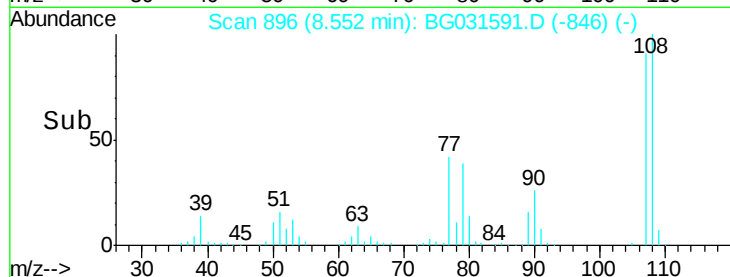
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

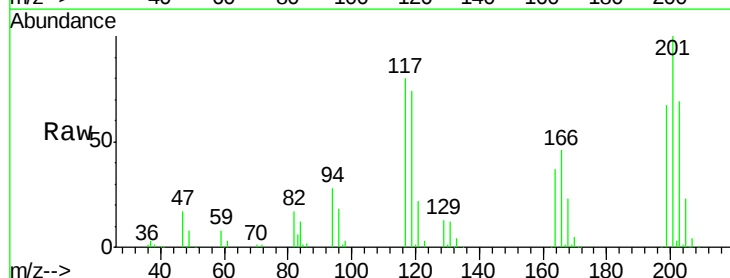
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 40.673 ng
RT: 9.18 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BG031591.D
Acq: 15 Dec 2017 12:07

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	91.8	76.7	115.1	
201	124.4	95.7	143.5	

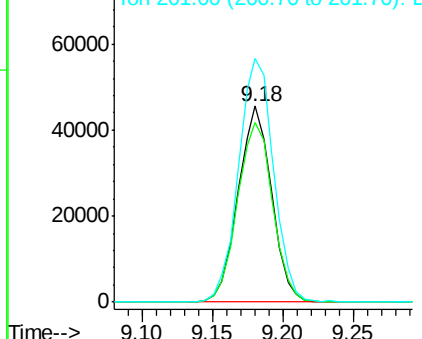
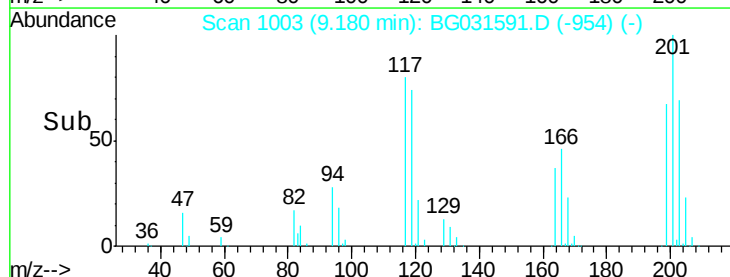


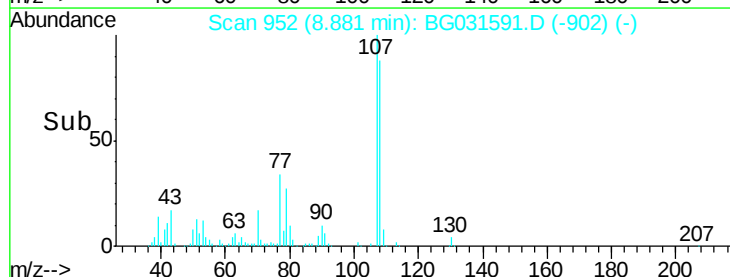
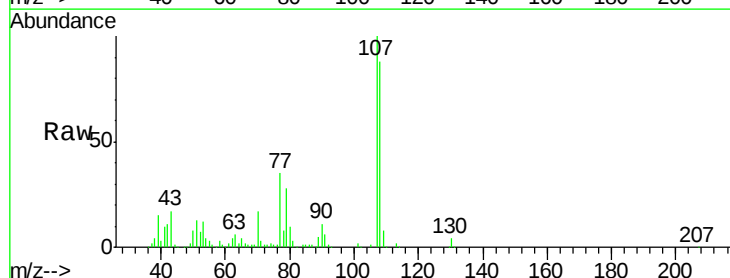
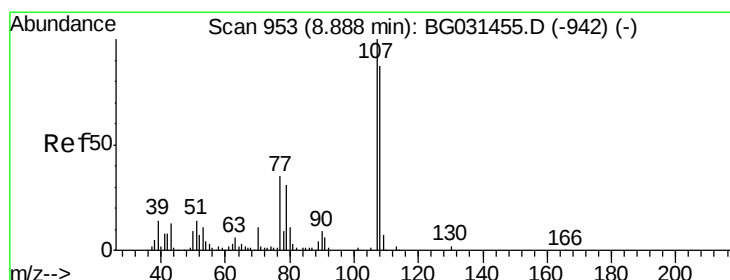
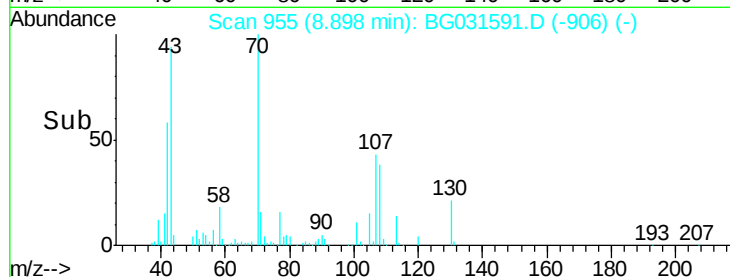
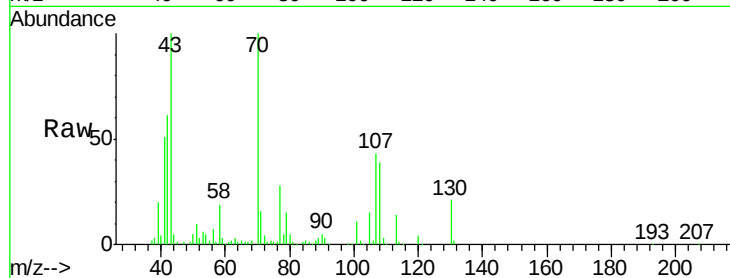
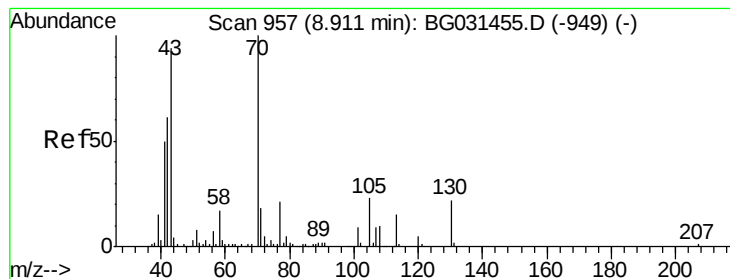
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 35.699 ng

RT: 8.90 min Scan# 955

Delta R.T. -0.01 min

Lab File: BG031591.D

Acq: 15 Dec 2017 12:07

Tgt Ion	Ion	Ratio	Lower	Upper
70	100			
42	61.2	49.1	73.7	
101	11.0	8.5	12.7	
130	21.3	13.4	20.0	

Instrument :

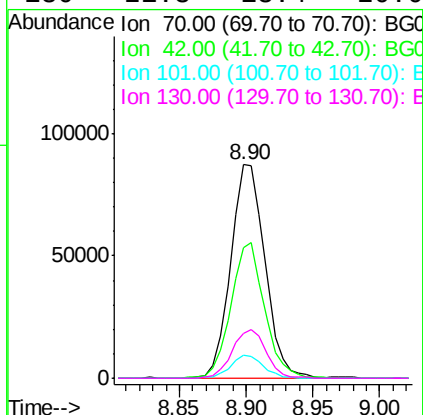
BNA_G

ClientSampleId :

SSTDCCC040EC

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#20

3+4-Methylphenols

Concen: 37.867 ng

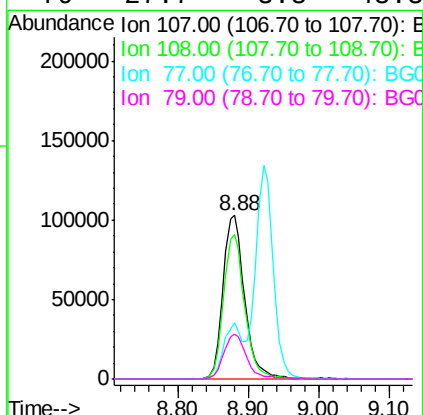
RT: 8.88 min Scan# 952

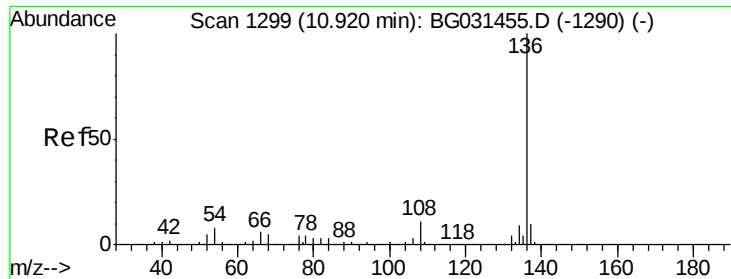
Delta R.T. -0.01 min

Lab File: BG031591.D

Acq: 15 Dec 2017 12:07

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.5	61.6	101.6	
77	34.6	13.9	53.9	
79	27.7	8.8	48.8	





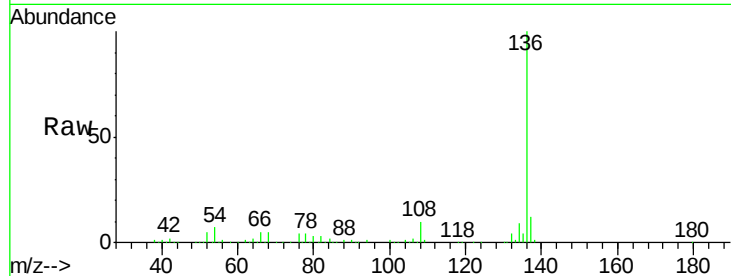
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BG031591.D
Acq: 15 Dec 2017 12:07

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	307390		
137	11.7	9.2	13.8	
54	7.3	10.3	15.5	
68	4.9	4.5	6.7	

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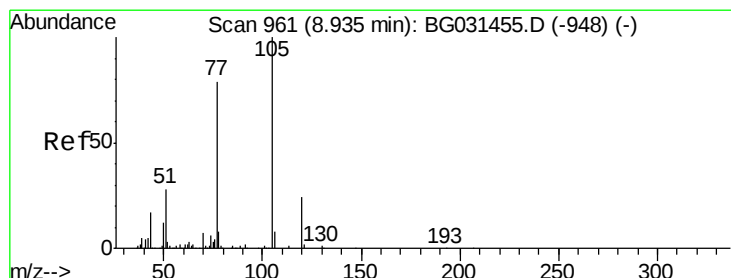
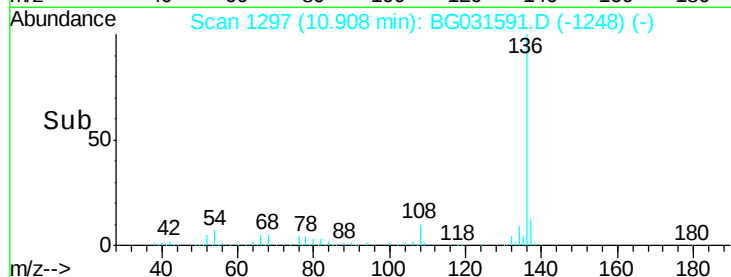
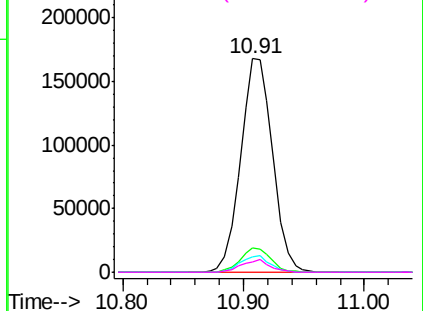
Abundance

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



#22
Acetophenone
Concen: 41.044 ng
RT: 8.92 min Scan# 959
Delta R.T. -0.01 min
Lab File: BG031591.D
Acq: 15 Dec 2017 12:07

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	302673		
71	1.7	3.0	4.4	
51	28.2	26.1	39.1	
120	23.9	17.4	26.2	

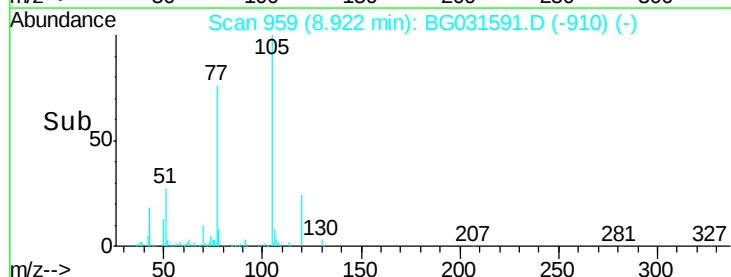
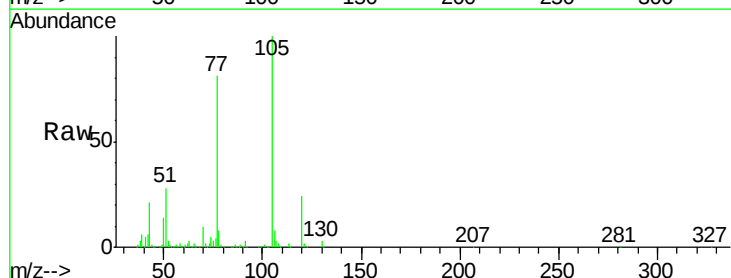
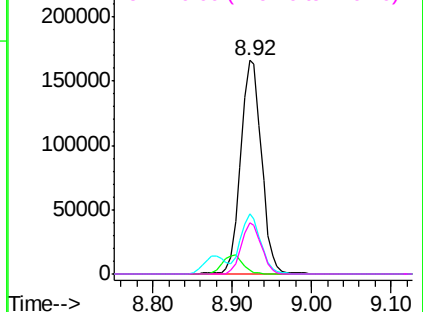
Abundance

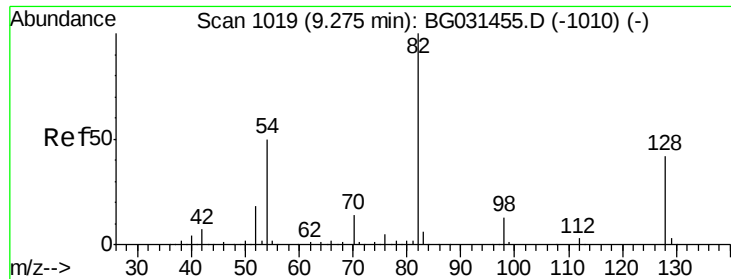
Ion 105.00 (104.70 to 105.70): E

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





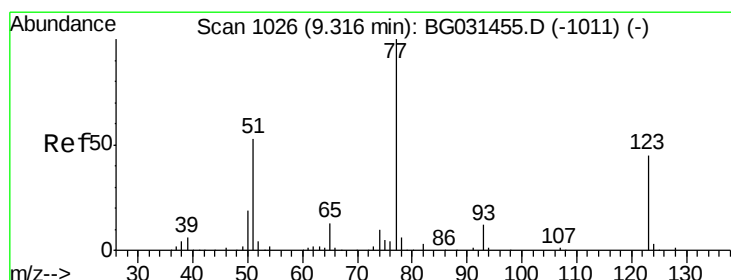
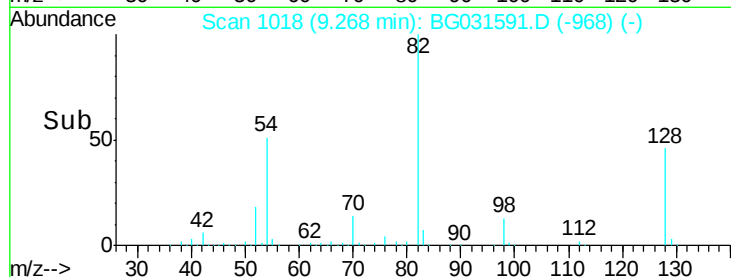
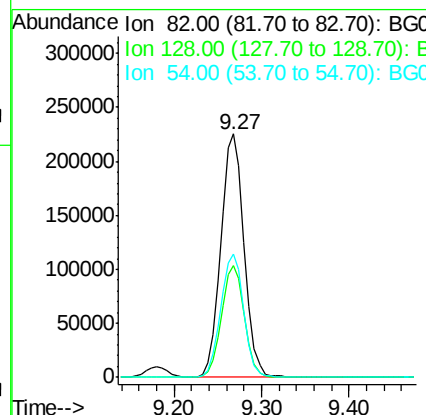
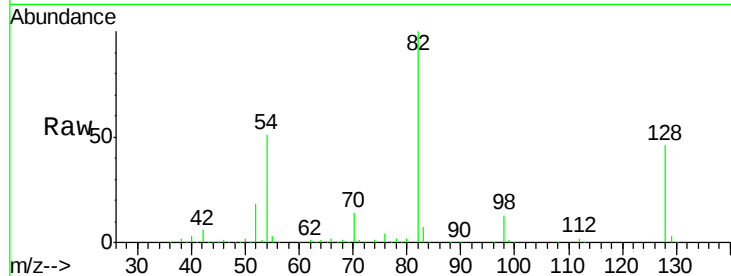
#23
 Nitrobenzene-d5
 Concen: 82.919 ng
 RT: 9.27 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BG031591.D
 Acq: 15 Dec 2017 12:07

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.9	29.7	44.5#
54	50.7	43.1	64.7

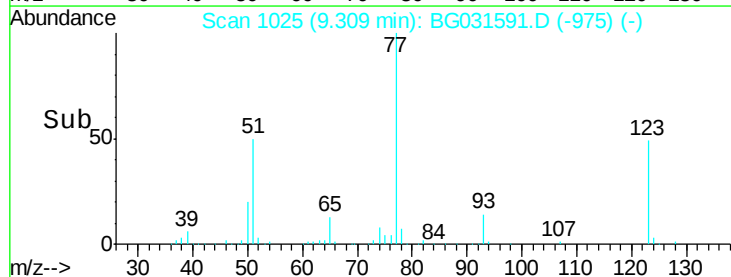
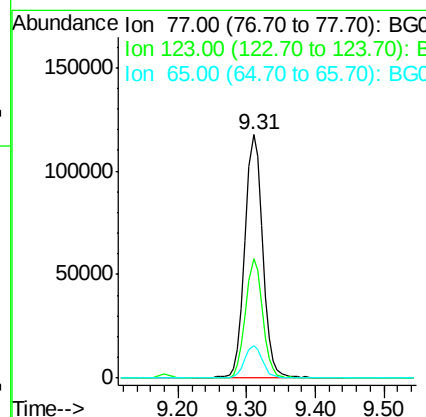
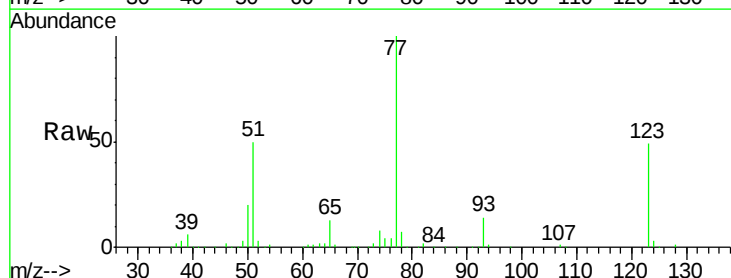
Manual Integrations
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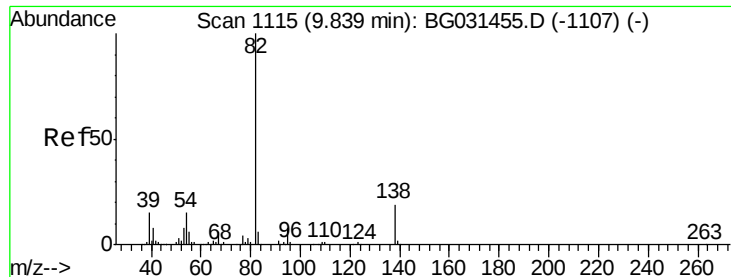
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#24
 Nitrobenzene
 Concen: 41.622 ng
 RT: 9.31 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BG031591.D
 Acq: 15 Dec 2017 12:07

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.3	33.0	49.6
65	13.3	13.0	19.6





#25

Isophorone

Concen: 39.559 ng

RT: 9.83 min Scan# 1113

Delta R.T. -0.01 min

Lab File: BG031591.D

Acq: 15 Dec 2017 12:07

Instrument :

BNA_G

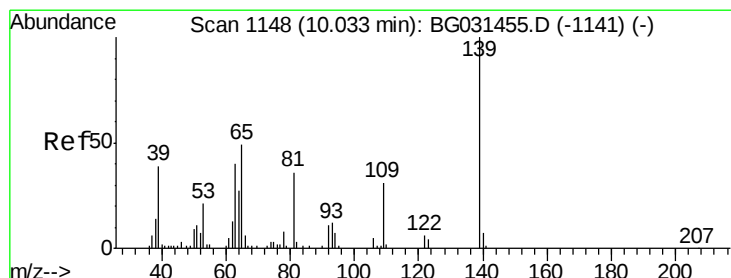
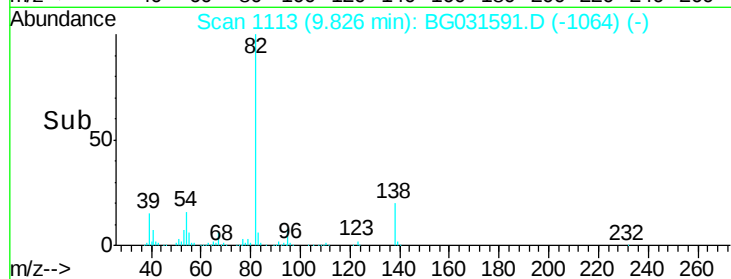
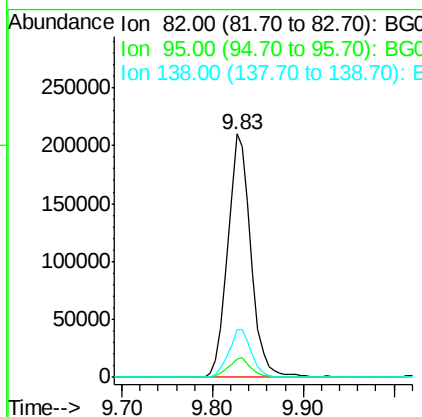
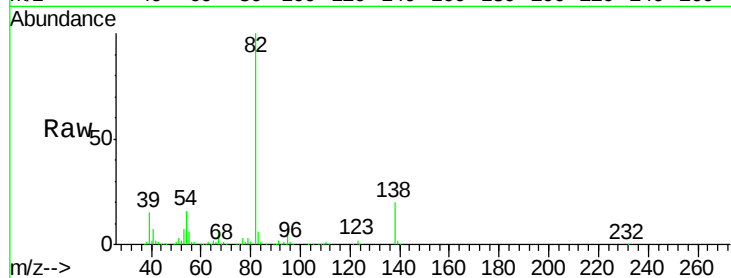
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	82	Resp:	372841
Ion Ratio	Lower	Upper	
82	100		
95	7.8	6.2	9.2
138	19.7	12.1	18.1#

Manual Integrations
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#26

2-Nitrophenol

Concen: 43.370 ng

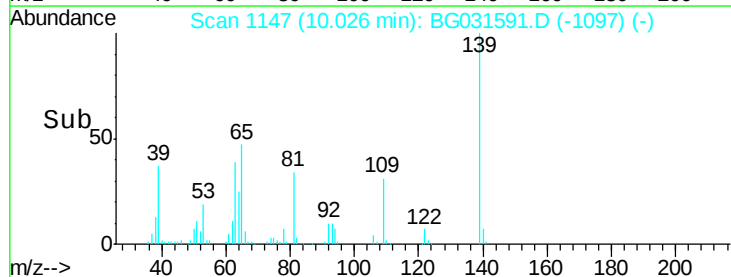
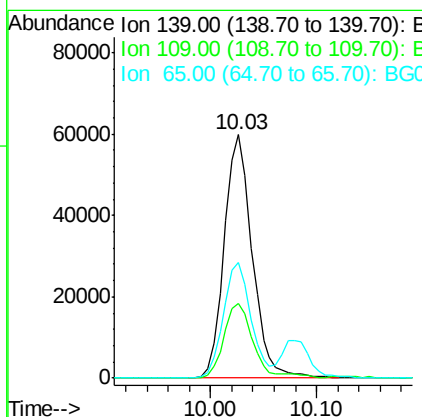
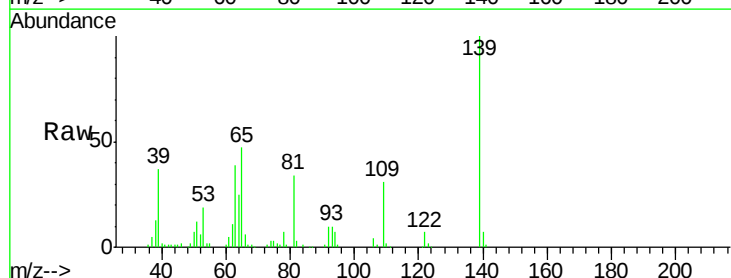
RT: 10.03 min Scan# 1147

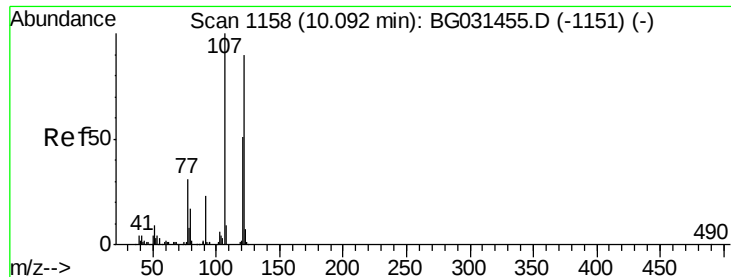
Delta R.T. -0.01 min

Lab File: BG031591.D

Acq: 15 Dec 2017 12:07

Tgt Ion:	139	Resp:	109595
Ion Ratio	Lower	Upper	
139	100		
109	30.8	24.2	36.2
65	47.3	47.4	71.0#





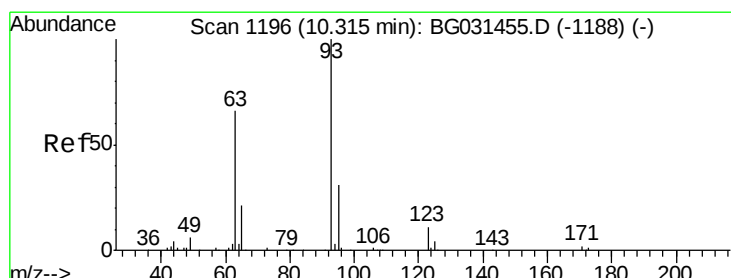
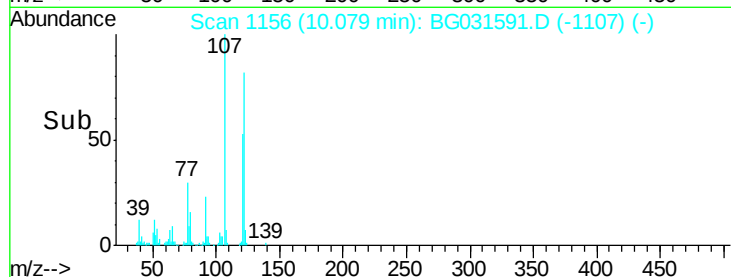
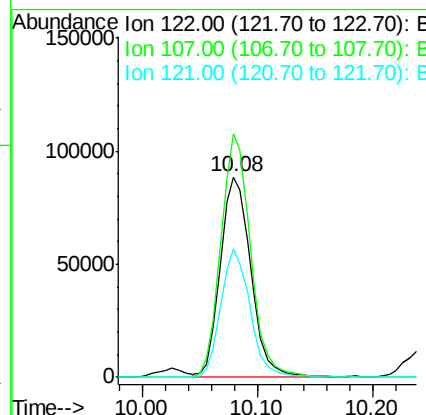
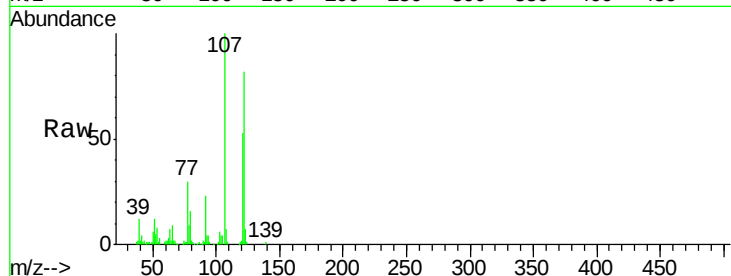
#27
 2,4-Dimethylphenol
 Concen: 41.814 ng
 RT: 10.08 min Scan# 1156
 Delta R.T. -0.01 min
 Lab File: BG031591.D
 Acq: 15 Dec 2017 12:07

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	160514		
107	121.4	100.2	150.2	
121	63.8	44.4	66.6	

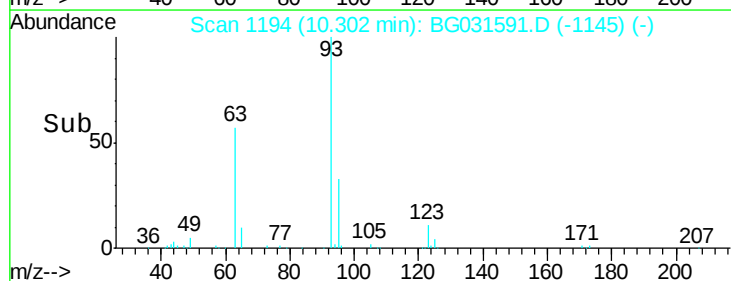
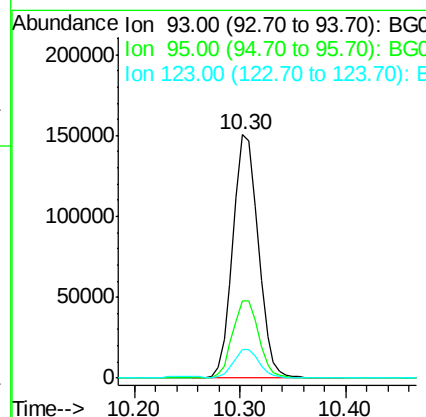
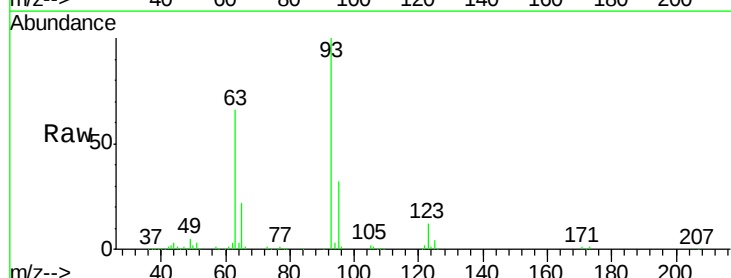
Manual Integrations
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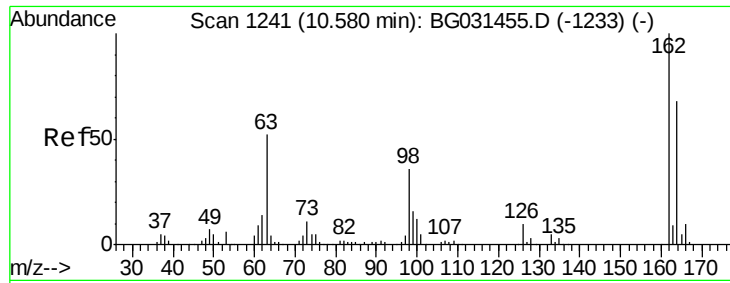
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#28
 bis(2-Chloroethoxy)methane
 Concen: 41.273 ng
 RT: 10.30 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BG031591.D
 Acq: 15 Dec 2017 12:07

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	251132		
95	31.9	24.3	36.5	
123	11.9	8.4	12.6	





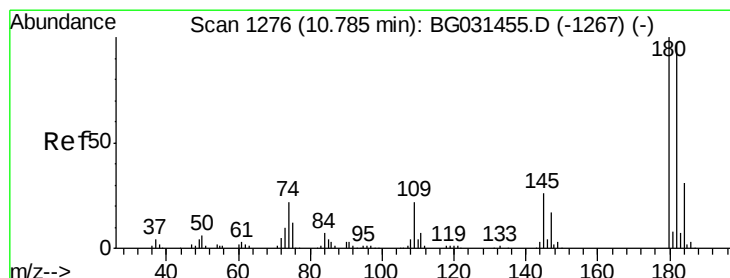
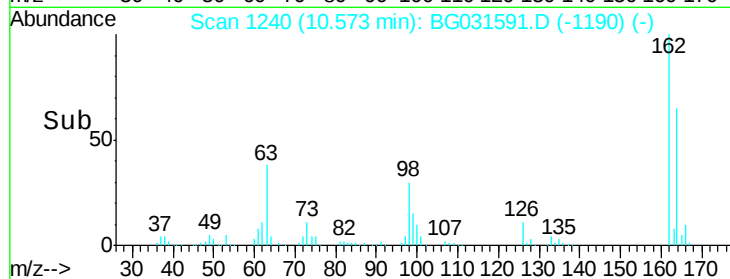
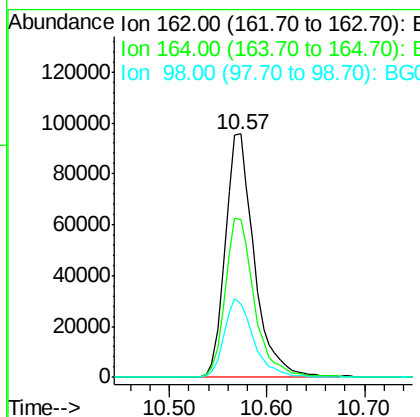
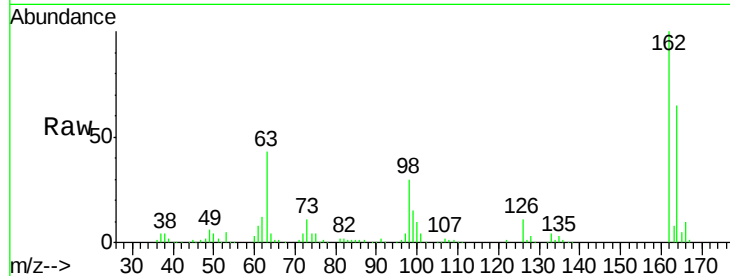
#29
 2,4-Dichlorophenol
 Concen: 43.521 ng
 RT: 10.57 min Scan# 1240
 Delta R.T. -0.01 min
 Lab File: BG031591.D
 Acq: 15 Dec 2017 12:07

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	65.0	48.0	88.0
98	30.0	21.1	61.1

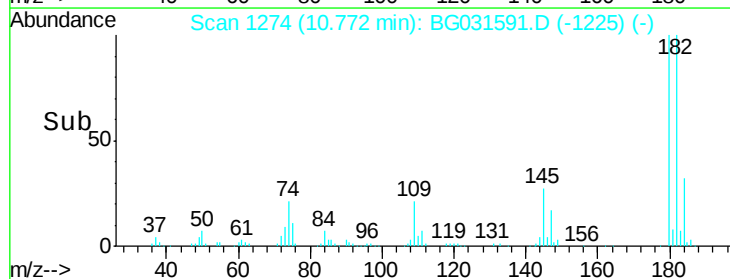
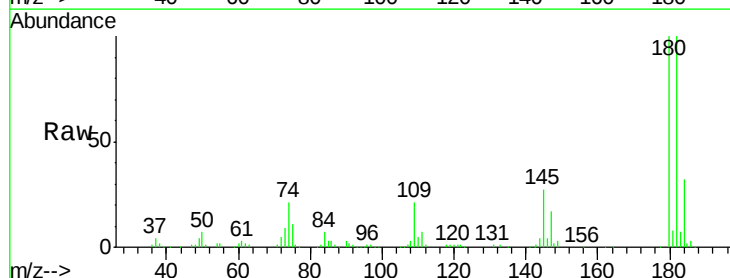
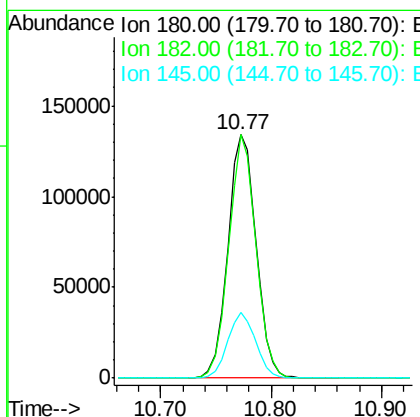
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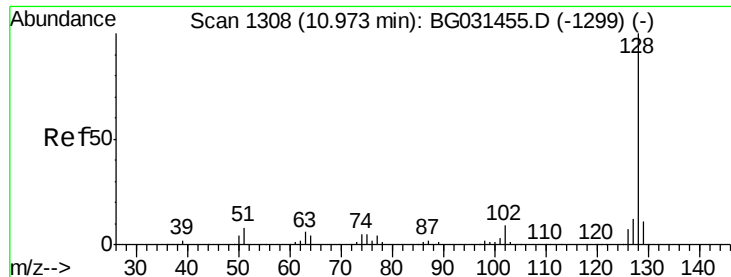
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#30
 1,2,4-Trichlorobenzene
 Concen: 41.450 ng
 RT: 10.77 min Scan# 1274
 Delta R.T. -0.01 min
 Lab File: BG031591.D
 Acq: 15 Dec 2017 12:07

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	100.1	77.5	116.3
145	27.0	23.4	35.2





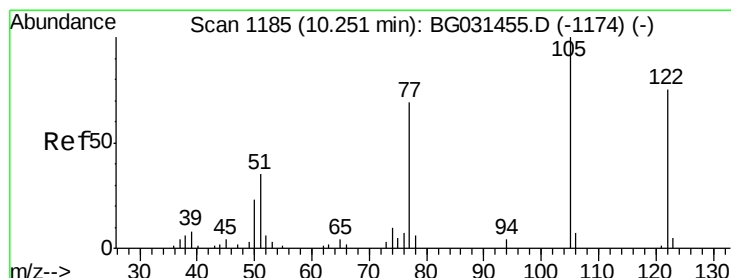
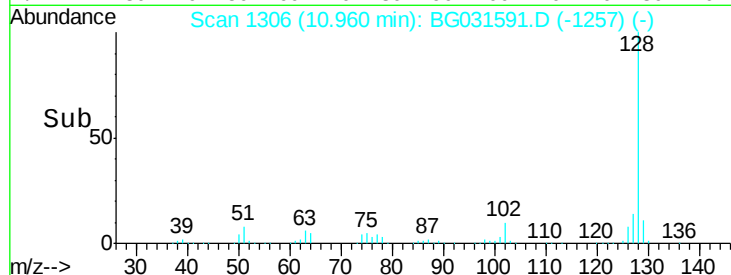
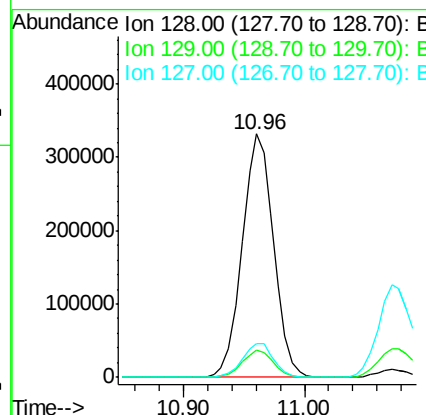
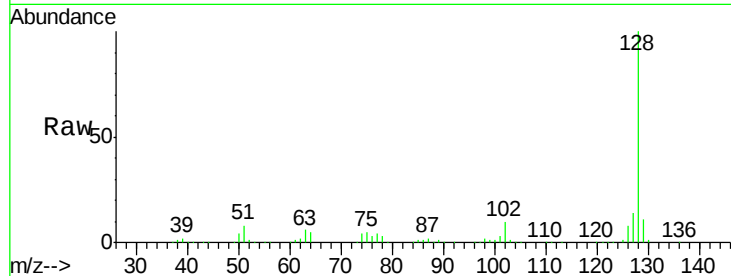
#31
Naphthalene
Concen: 39.605 ng
RT: 10.96 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BG031591.D
Acq: 15 Dec 2017 12:07

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.6	12.8
127	14.0	11.6	17.4

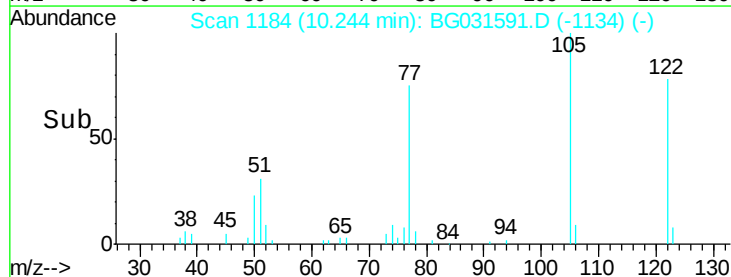
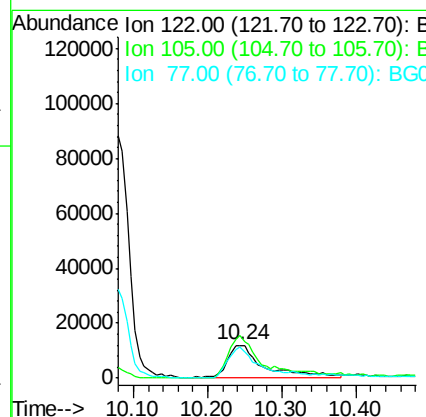
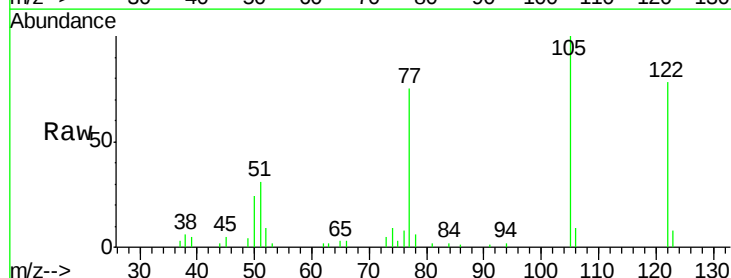
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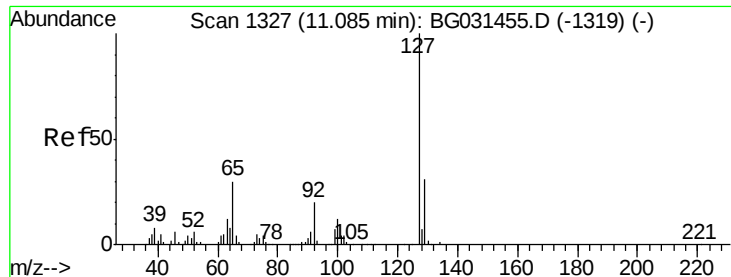
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#32
Benzoic acid
Concen: 25.370 ng m
RT: 10.24 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BG031591.D
Acq: 15 Dec 2017 12:07

Tgt Ion	Ratio	Lower	Upper
122	100		
105	128.4	123.5	163.5
77	96.9	85.7	125.7





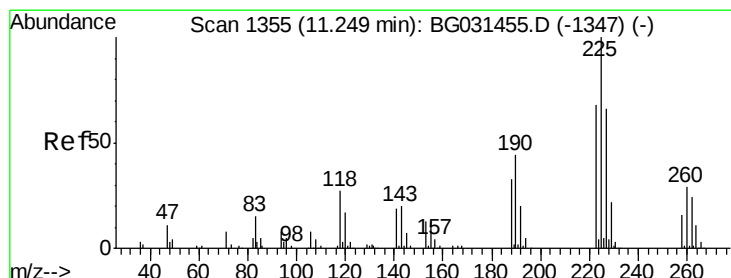
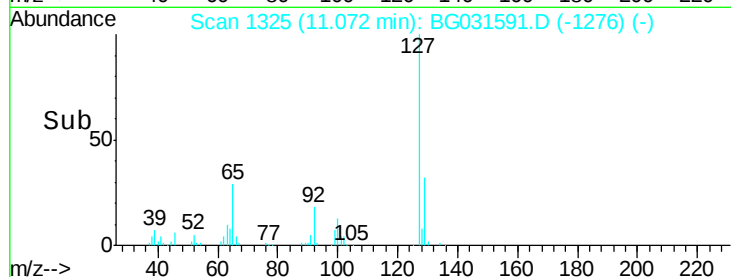
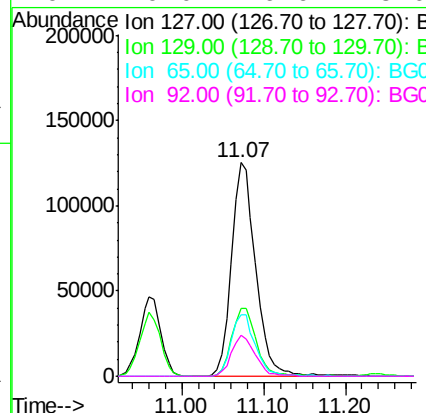
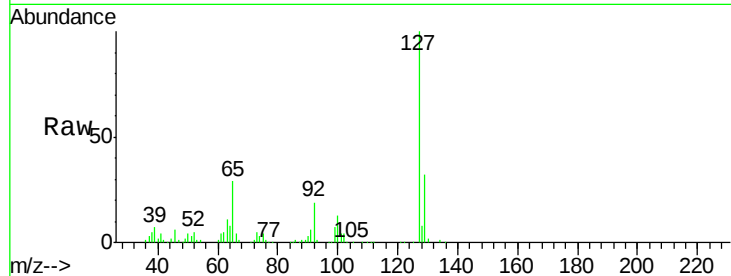
#33
4-Chloroaniline
Concen: 39.349 ng
RT: 11.07 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG031591.D
Acq: 15 Dec 2017 12:07

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	258007		
129	31.7	24.0	36.0	
65	28.9	27.0	40.4	
92	19.0	16.6	25.0	

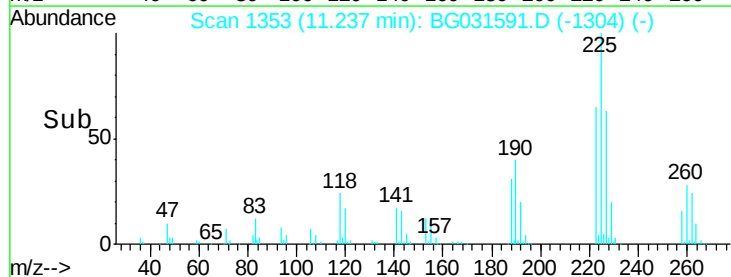
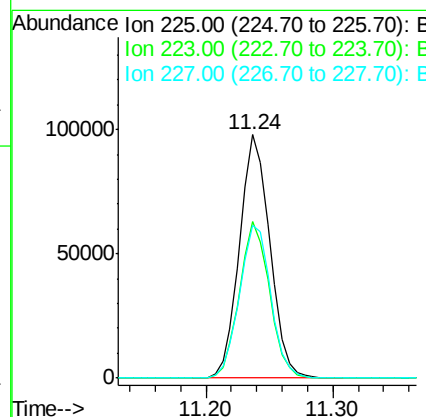
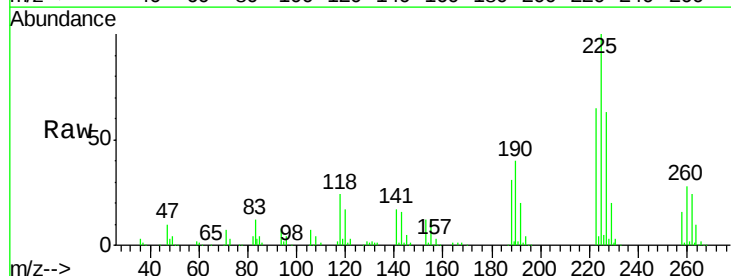
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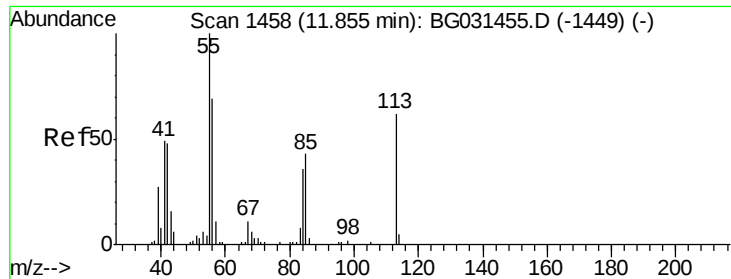
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#34
Hexachlorobutadiene
Concen: 42.391 ng
RT: 11.24 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BG031591.D
Acq: 15 Dec 2017 12:07

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	162443		
223	64.5	49.7	74.5	
227	62.9	48.1	72.1	





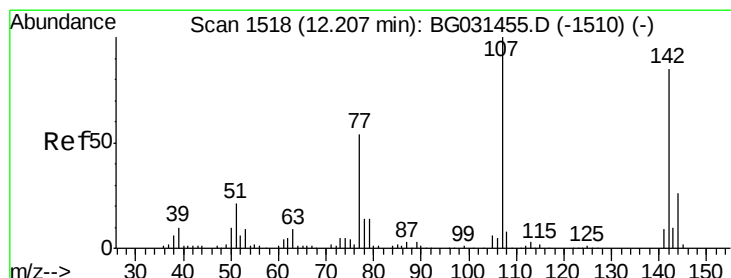
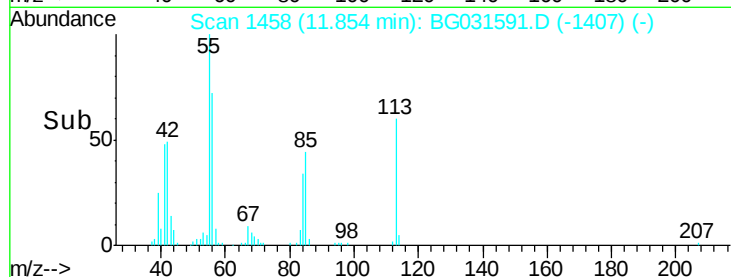
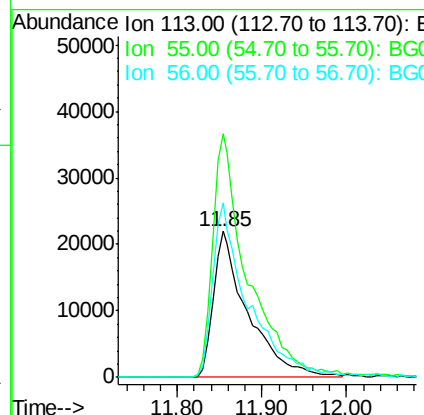
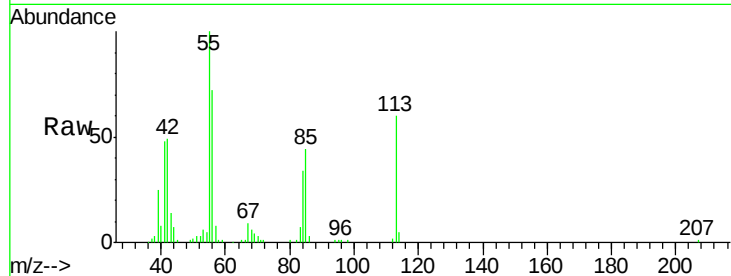
#35
 Caprolactam
 Concen: 35.004 ng
 RT: 11.85 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: BG031591.D
 Acq: 15 Dec 2017 12:07

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion: 113 Resp: 62165
 Ion Ratio Lower Upper
 113 100
 55 167.0 186.9 226.9#
 56 120.0 130.9 170.9#

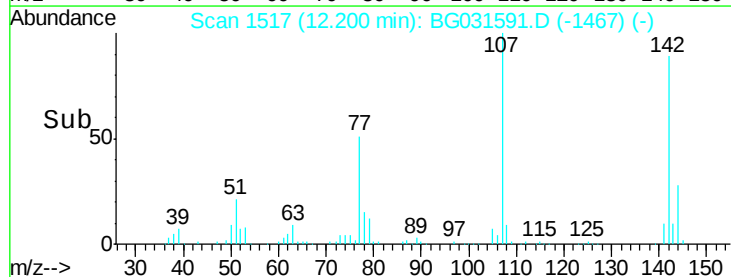
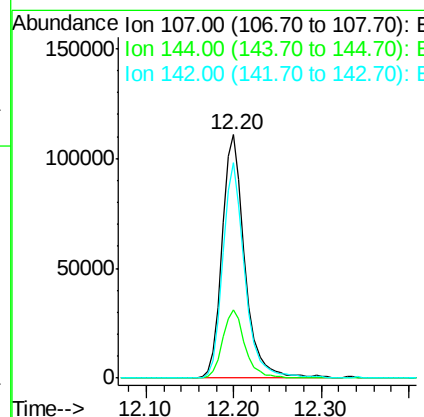
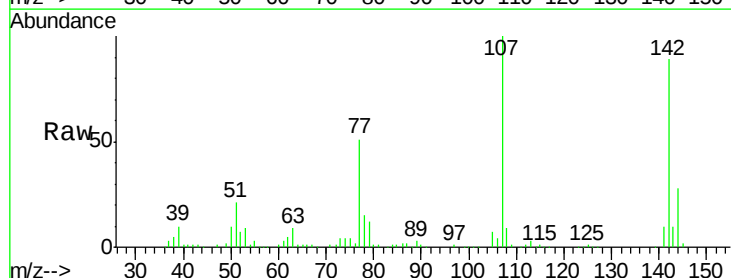
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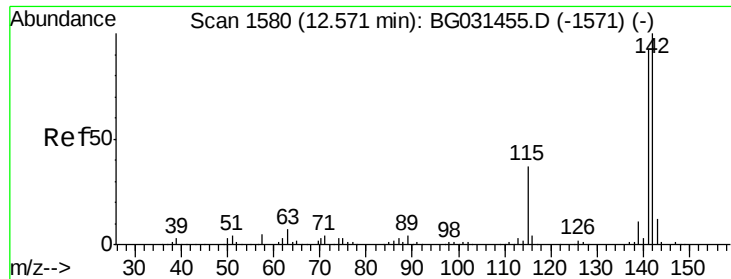
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#36
 4-Chloro-3-methylphenol
 Concen: 38.475 ng
 RT: 12.20 min Scan# 1517
 Delta R.T. -0.01 min
 Lab File: BG031591.D
 Acq: 15 Dec 2017 12:07

Tgt Ion: 107 Resp: 198627
 Ion Ratio Lower Upper
 107 100
 144 28.2 18.2 27.4#
 142 88.7 59.0 88.4#





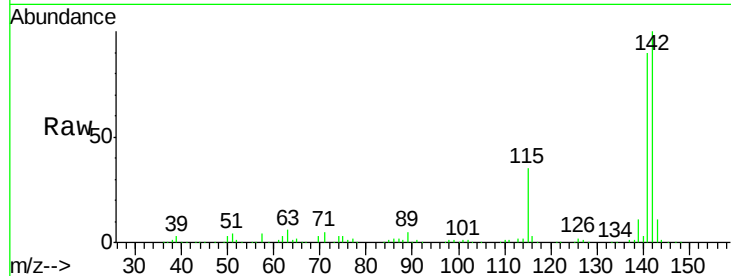
#37
2-Methylnaphthalene
Concen: 38.444 ng
RT: 12.56 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BG031591.D
Acq: 15 Dec 2017 12:07

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

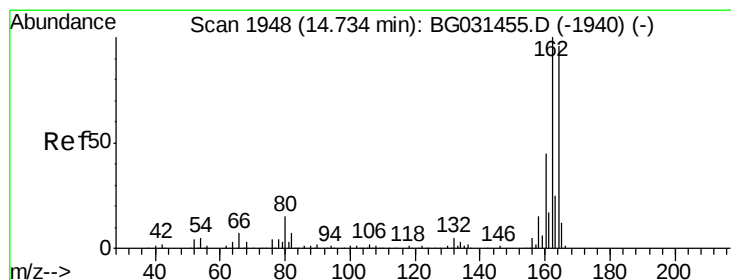
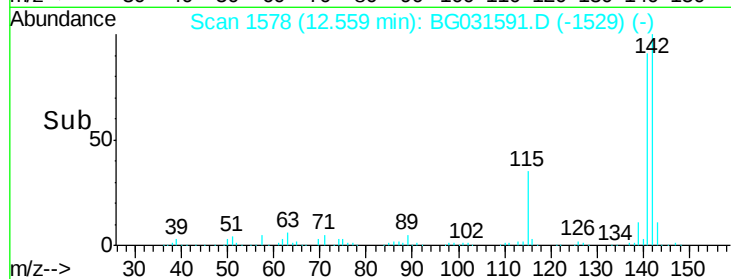
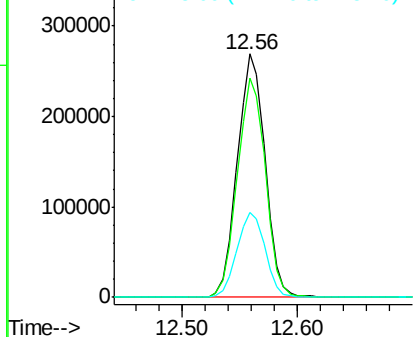
Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.3	67.1	100.7
115	34.9	30.7	46.1

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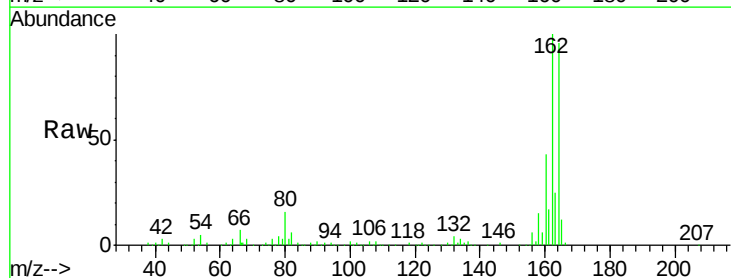


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

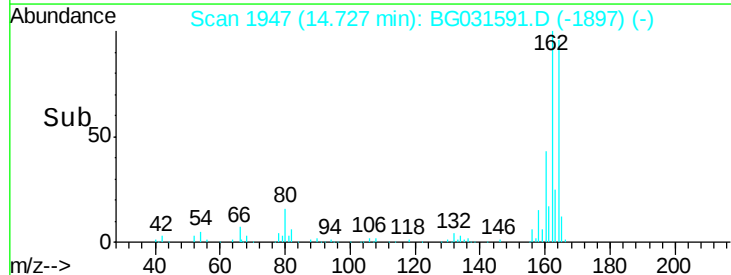
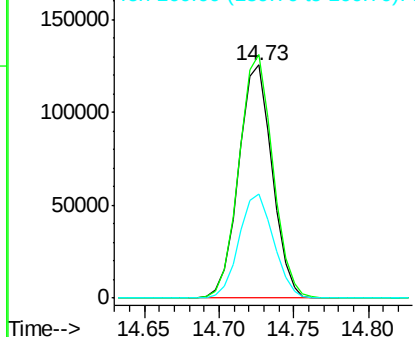


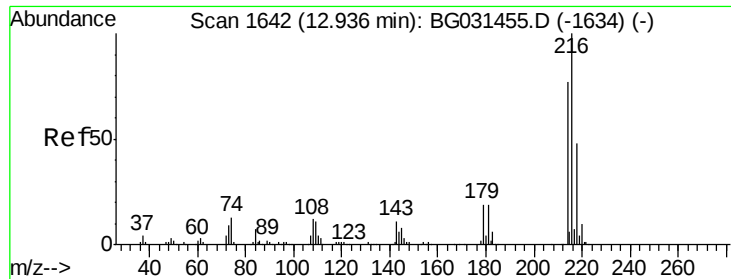
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1947
Delta R.T. -0.01 min
Lab File: BG031591.D
Acq: 15 Dec 2017 12:07

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.6	78.8	118.2
160	45.0	35.4	53.0



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





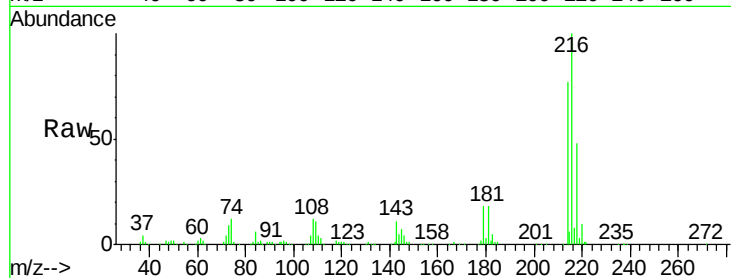
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.043 ng
 RT: 12.93 min Scan# 1641
 Delta R.T. -0.01 min
 Lab File: BG031591.D
 Acq: 15 Dec 2017 12:07

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

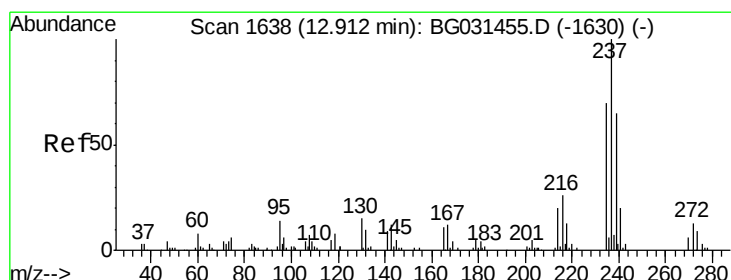
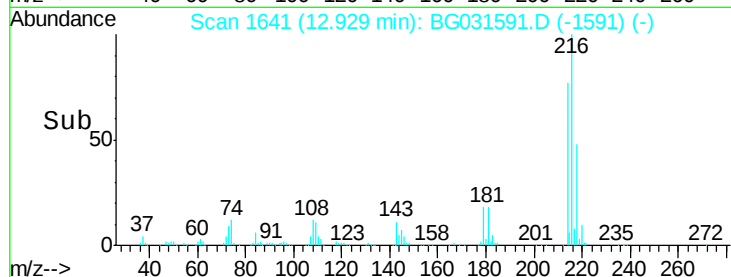
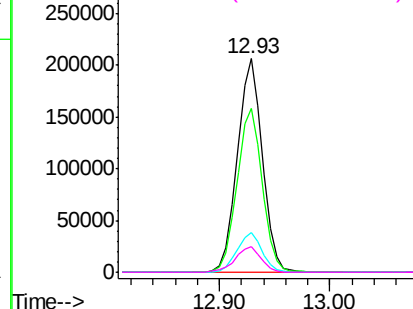
Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.0	63.0	94.4
179	18.6	17.0	25.6
108	12.2	12.8	19.2

Manual Integrations
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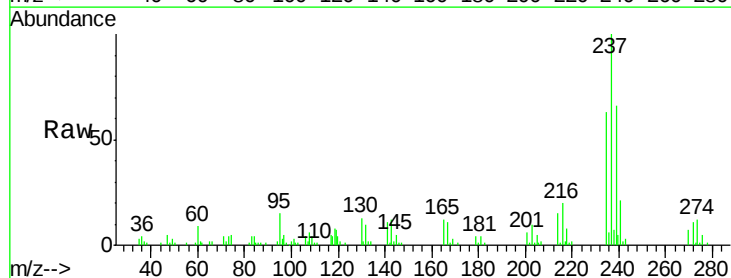


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

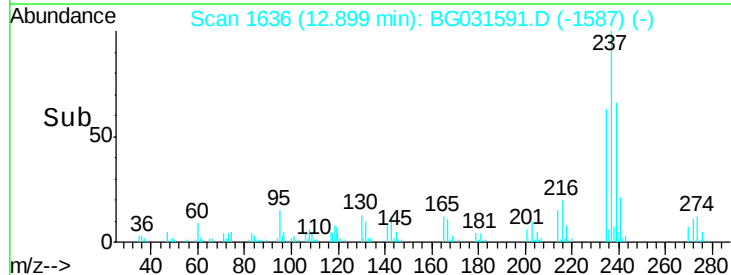
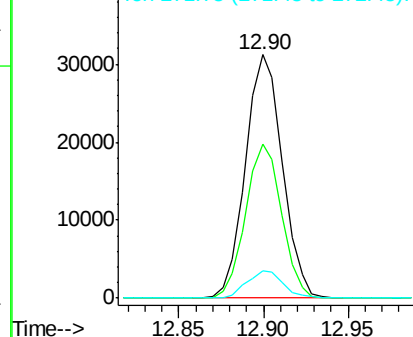


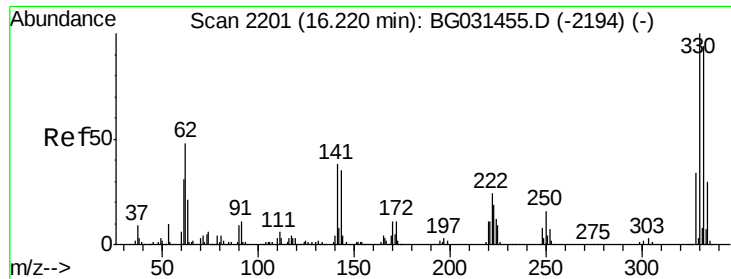
#40
 Hexachlorocyclopentadiene
 Concen: 29.720 ng
 RT: 12.90 min Scan# 1636
 Delta R.T. -0.01 min
 Lab File: BG031591.D
 Acq: 15 Dec 2017 12:07

Tgt Ion	Ratio	Lower	Upper
237	100		
235	63.1	50.4	90.4
272	11.1	0.0	31.8



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





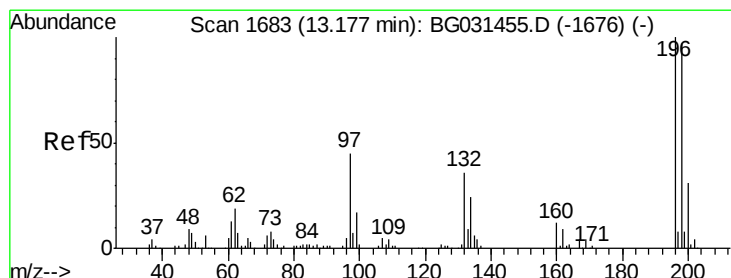
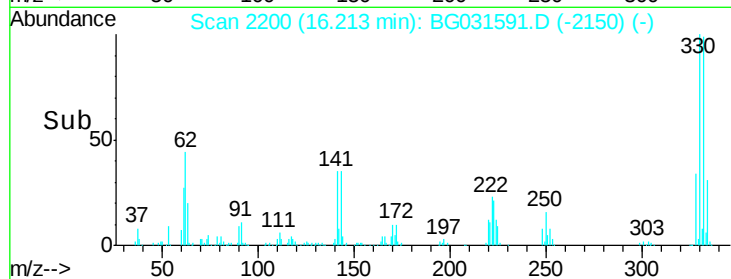
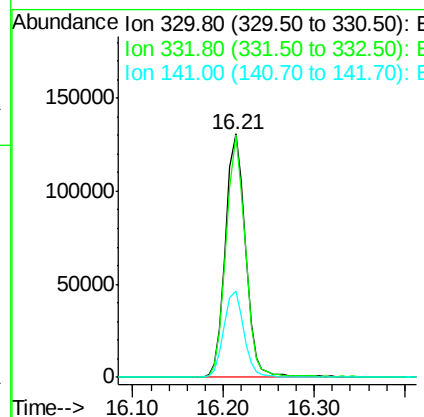
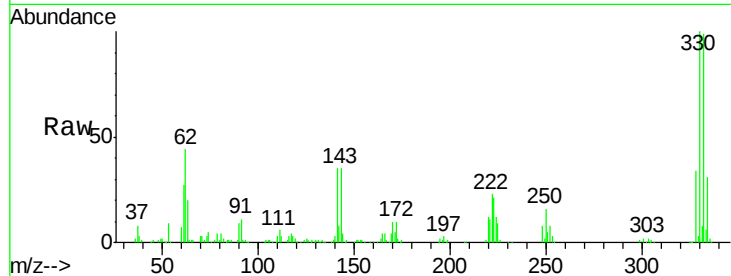
#41
 2,4,6-Tribromophenol
 Concen: 87.935 ng
 RT: 16.21 min Scan# 2200
 Delta R.T. -0.01 min
 Lab File: BG031591.D
 Acq: 15 Dec 2017 12:07

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	201446		
332	95.6	77.0	115.6	
141	35.1	25.2	37.8	

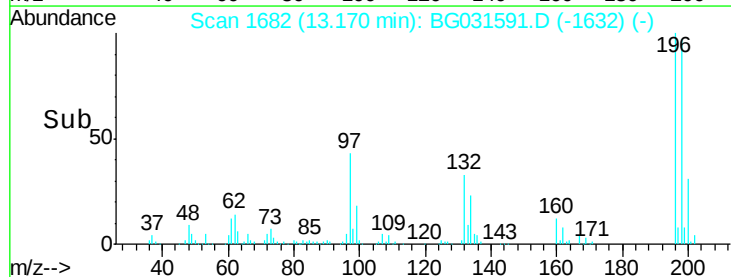
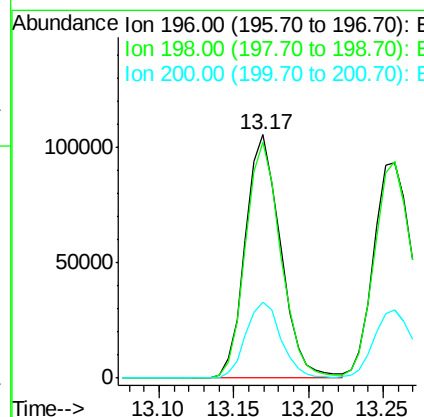
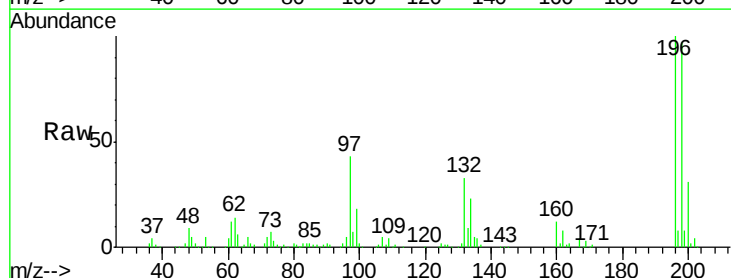
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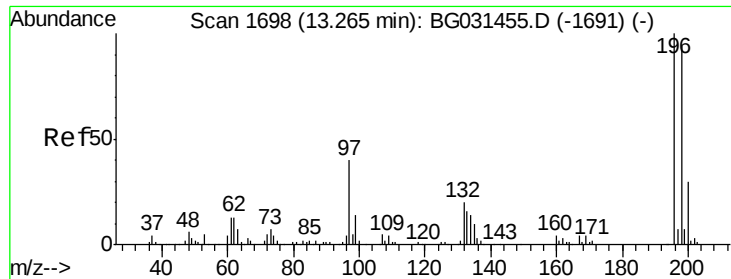
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#42
 2,4,6-Trichlorophenol
 Concen: 44.488 ng
 RT: 13.17 min Scan# 1682
 Delta R.T. -0.01 min
 Lab File: BG031591.D
 Acq: 15 Dec 2017 12:07

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	173703		
198	97.1	78.2	117.2	
200	31.0	24.6	36.8	





#43

2,4,5-Trichlorophenol

Concen: 42.500 ng

RT: 13.26 min Scan# 1697

Delta R.T. -0.01 min

Lab File: BG031591.D

Acq: 15 Dec 2017 12:07

Instrument :

BNA_G

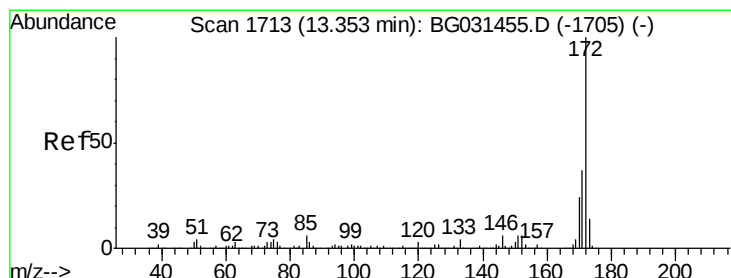
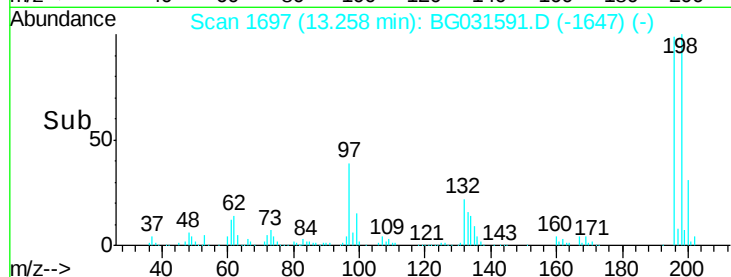
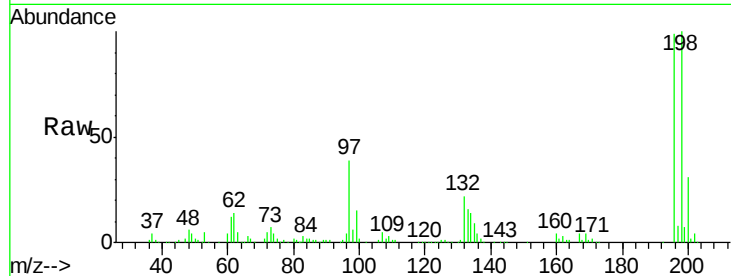
ClientSampleId :

SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	178753		
198	100.9	76.2	114.4	
97	39.6	38.7	58.1	
132	21.7	20.2	30.2	

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#44

2-Fluorobiphenyl

Concen: 82.613 ng

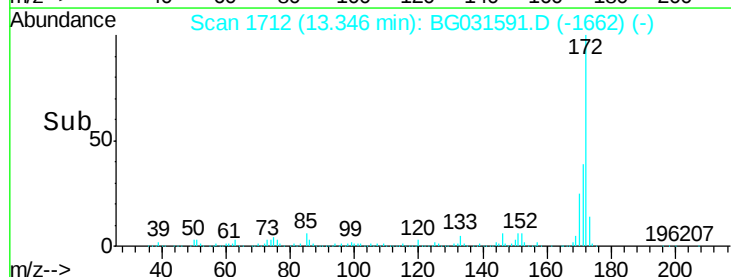
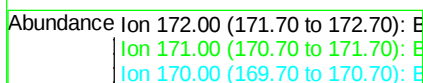
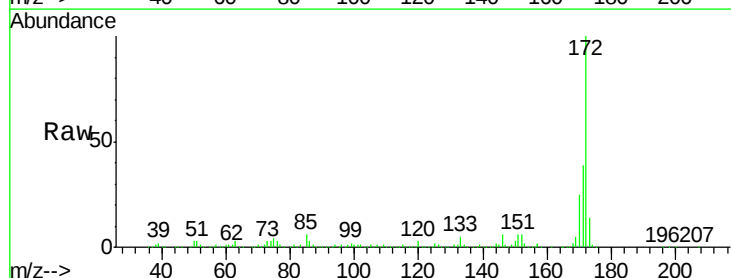
RT: 13.35 min Scan# 1712

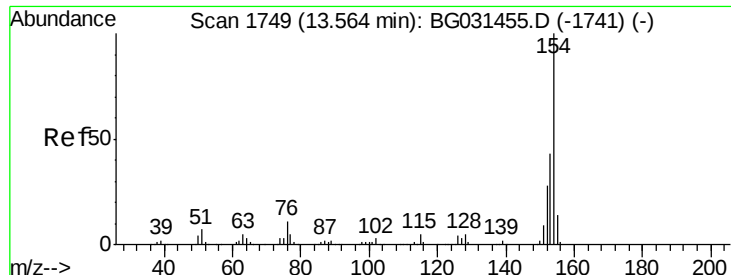
Delta R.T. -0.01 min

Lab File: BG031591.D

Acq: 15 Dec 2017 12:07

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1100523		
171	38.7	30.0	45.0	
170	24.9	19.5	29.3	





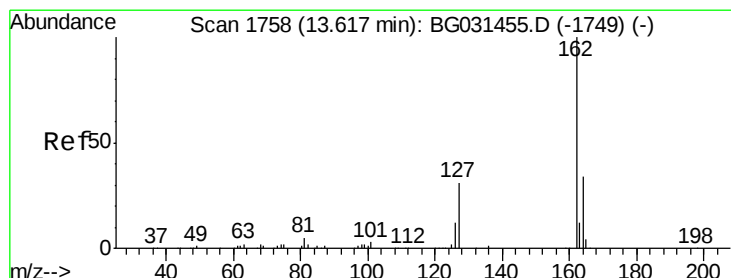
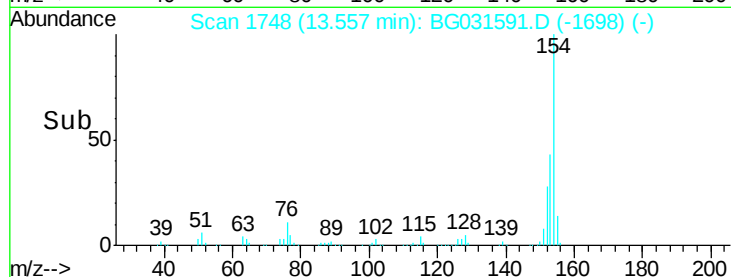
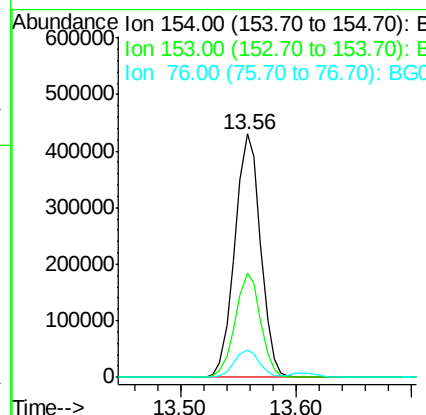
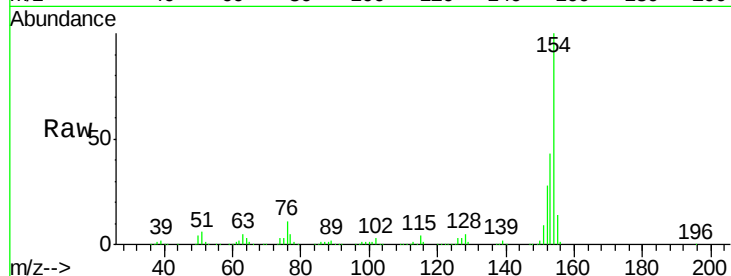
#45
1,1'-Biphenyl
Concen: 41.290 ng
RT: 13.56 min Scan# 1748
Delta R.T. -0.01 min
Lab File: BG031591.D
Acq: 15 Dec 2017 12:07

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.5	19.8	59.8
76	11.3	0.0	31.9

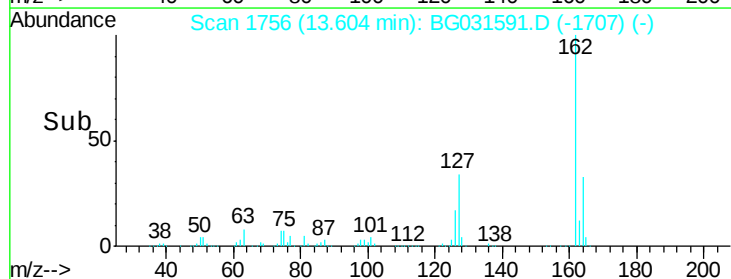
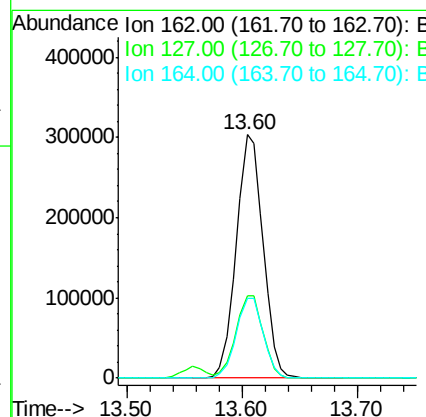
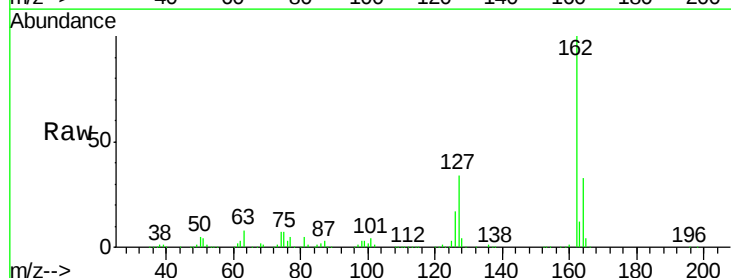
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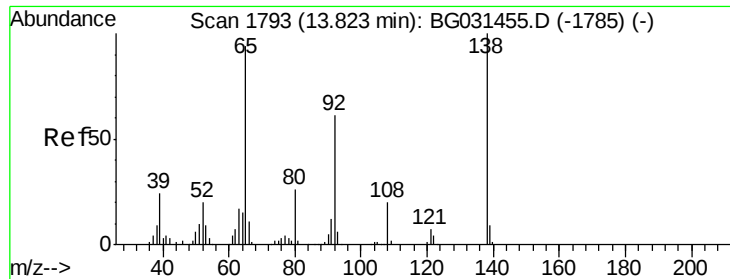
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#46
2-Chloronaphthalene
Concen: 41.370 ng
RT: 13.60 min Scan# 1756
Delta R.T. -0.01 min
Lab File: BG031591.D
Acq: 15 Dec 2017 12:07

Tgt Ion	Ratio	Lower	Upper
162	100		
127	33.7	30.7	46.1
164	32.6	26.0	39.0





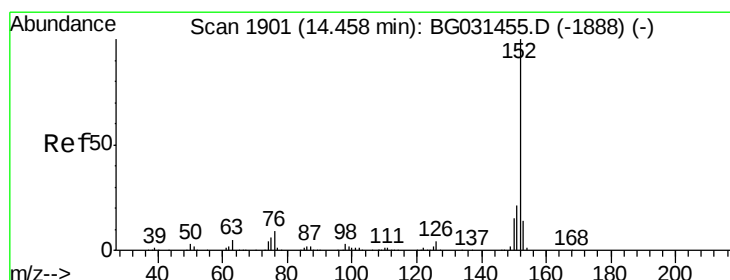
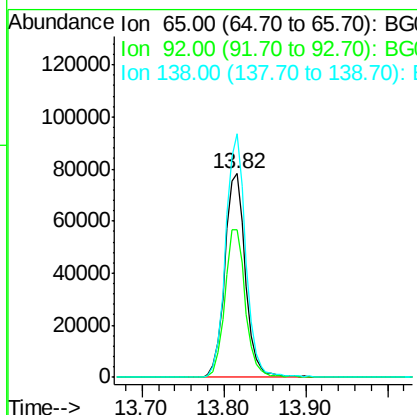
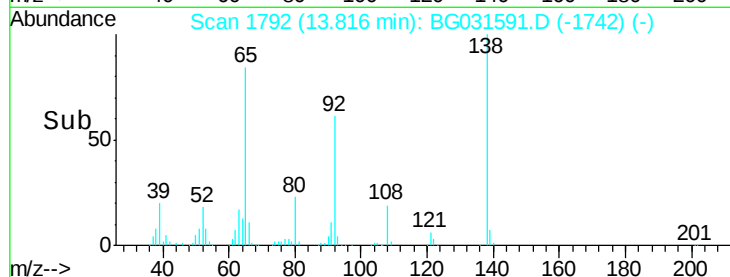
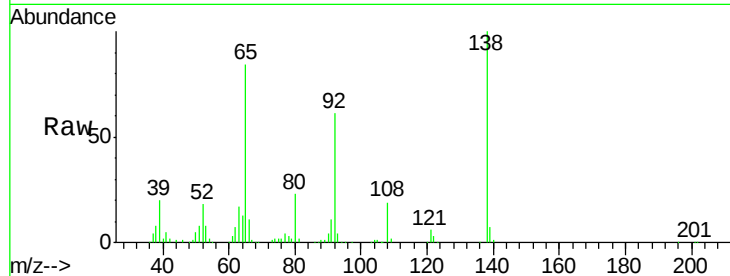
#47
2-Nitroaniline
Concen: 41.599 ng
RT: 13.82 min Scan# 1792
Delta R.T. -0.01 min
Lab File: BG031591.D
Acq: 15 Dec 2017 12:07

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.5	54.6	82.0
138	119.6	72.9	109.3

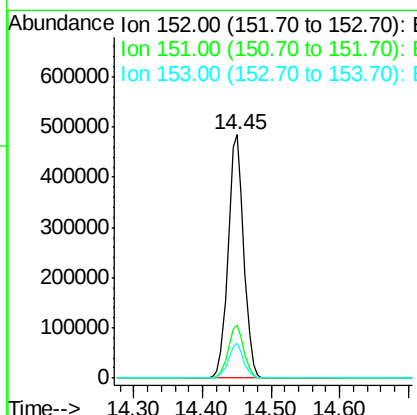
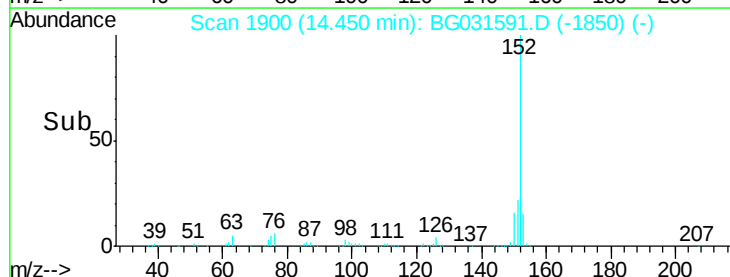
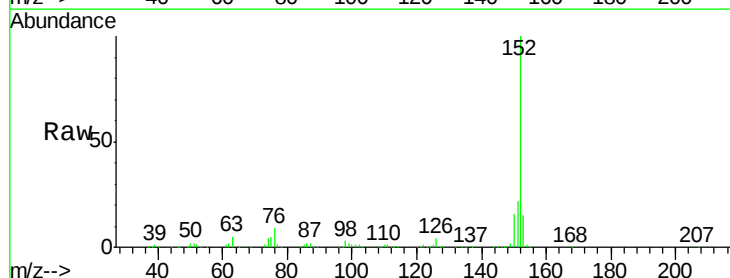
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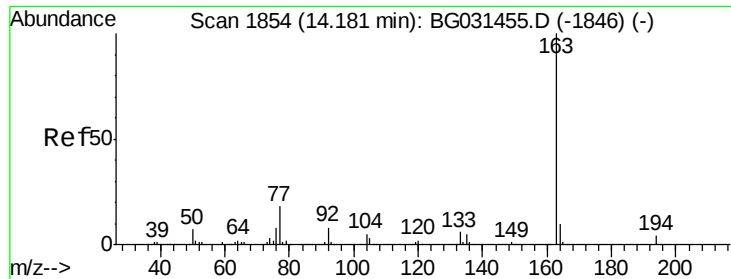
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#48
Acenaphthylene
Concen: 40.690 ng
RT: 14.45 min Scan# 1900
Delta R.T. -0.01 min
Lab File: BG031591.D
Acq: 15 Dec 2017 12:07

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.9	17.2	25.8
153	14.6	10.2	15.4





#49

Dimethylphthalate

Concen: 40.830 ng

RT: 14.17 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BG031591.D

Acq: 15 Dec 2017 12:07

Instrument :

BNA_G

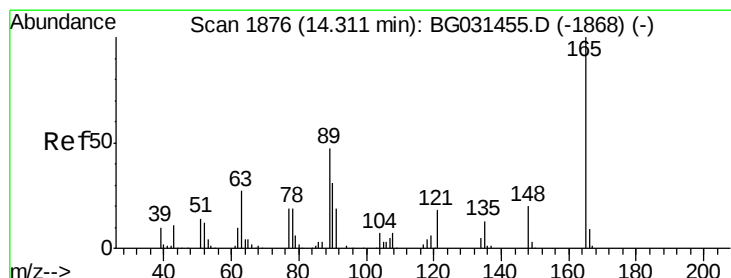
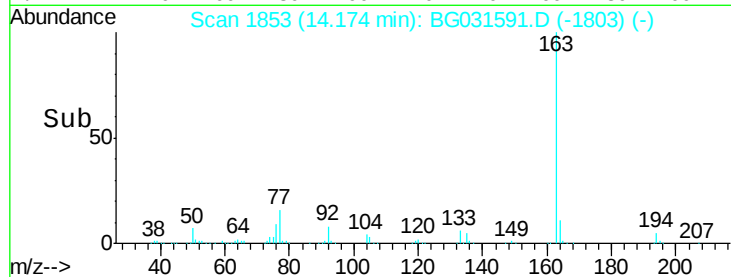
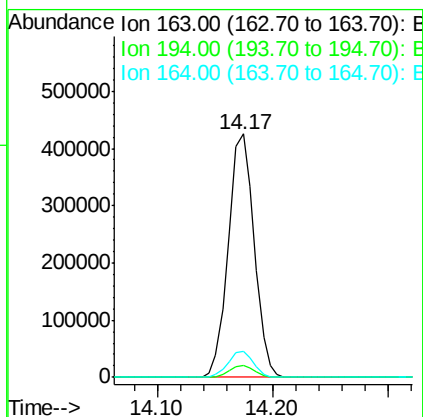
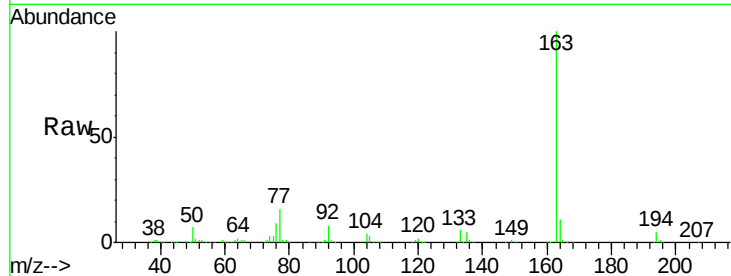
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	163	Resp:	660991
Ion Ratio	Lower	Upper	
163	100		
194	4.7	3.4	5.2
164	10.9	8.2	12.4

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#50

2,6-Dinitrotoluene

Concen: 41.946 ng

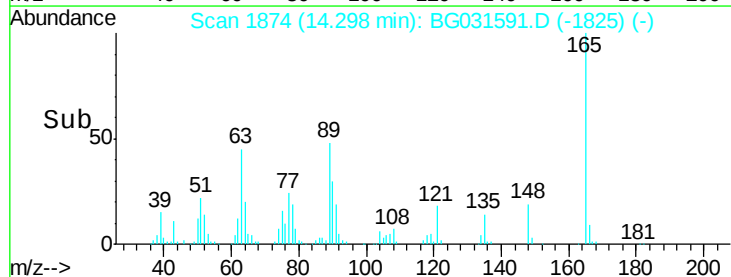
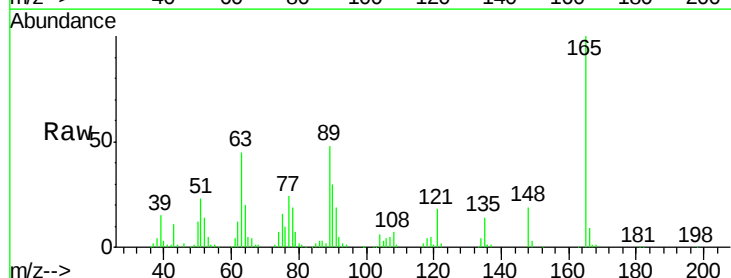
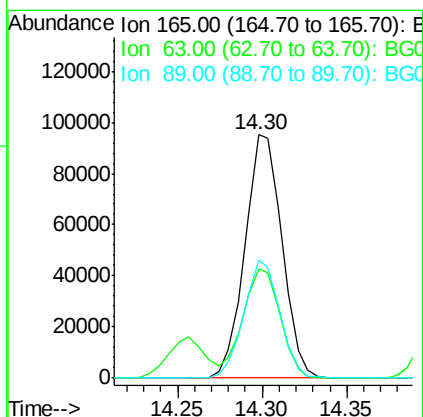
RT: 14.30 min Scan# 1874

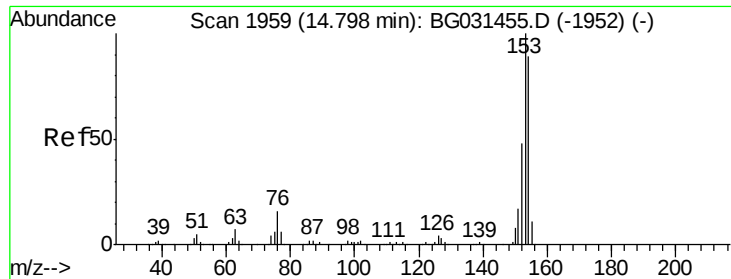
Delta R.T. -0.01 min

Lab File: BG031591.D

Acq: 15 Dec 2017 12:07

Tgt Ion:	165	Resp:	145145
Ion Ratio	Lower	Upper	
165	100		
63	45.1	52.7	79.1#
89	48.4	49.2	73.8#





#51

Acenaphthene

Concen: 40.126 ng

RT: 14.79 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BG031591.D

Acq: 15 Dec 2017 12:07

Instrument :

BNA_G

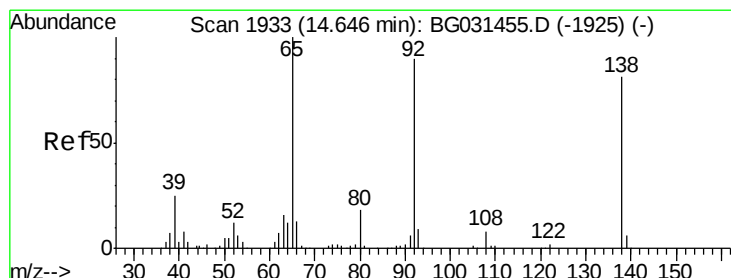
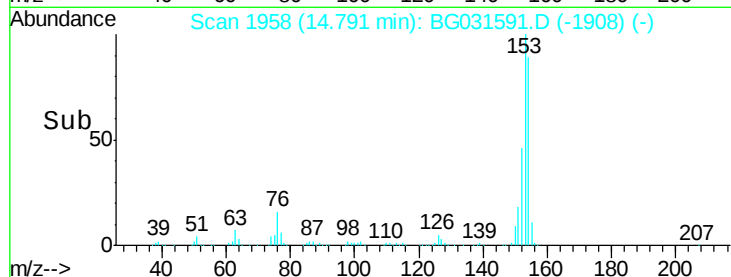
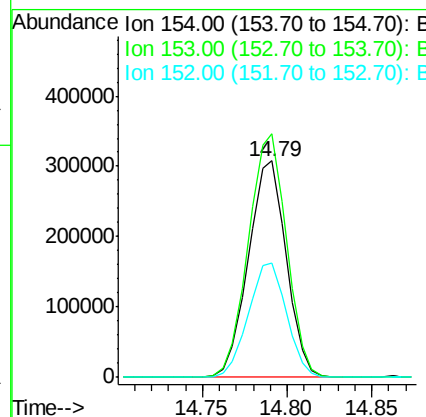
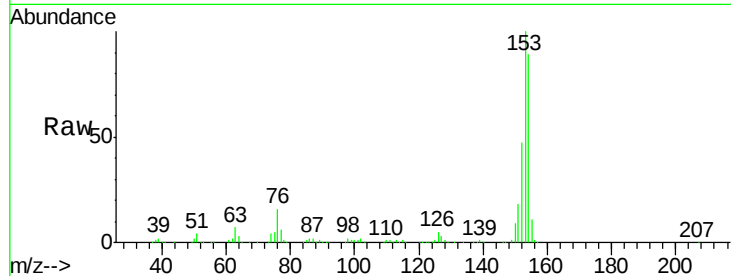
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	154	Resp:	479908
Ion Ratio	Lower	Upper	
154	100		
153	112.5	90.4	135.6
152	52.6	41.6	62.4

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#52

3-Nitroaniline

Concen: 40.910 ng

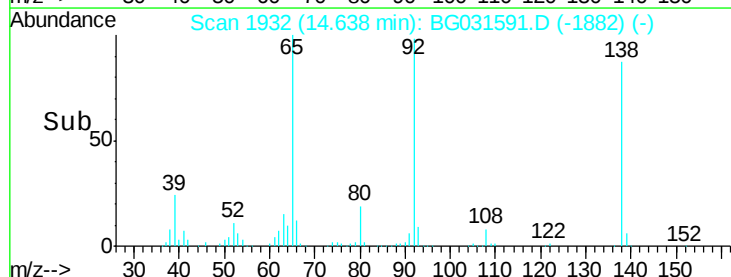
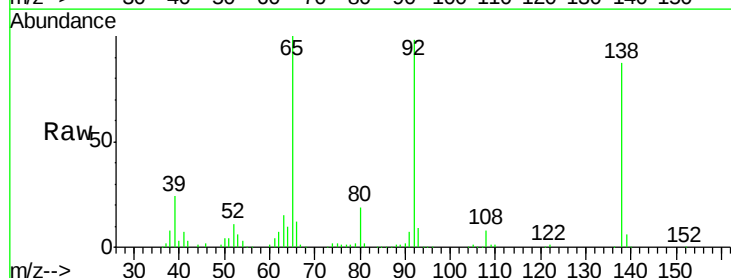
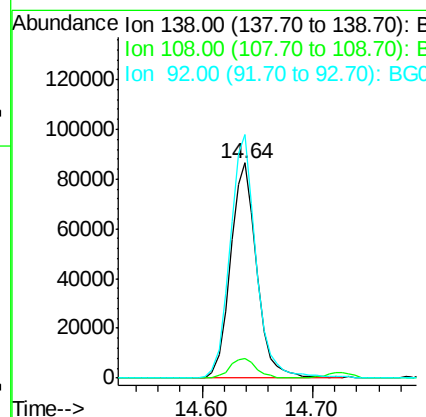
RT: 14.64 min Scan# 1932

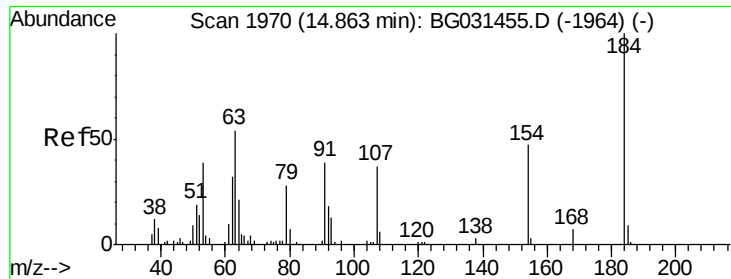
Delta R.T. -0.01 min

Lab File: BG031591.D

Acq: 15 Dec 2017 12:07

Tgt Ion:	138	Resp:	144305
Ion Ratio	Lower	Upper	
138	100		
108	9.0	17.5	26.3#
92	113.1	105.8	158.8





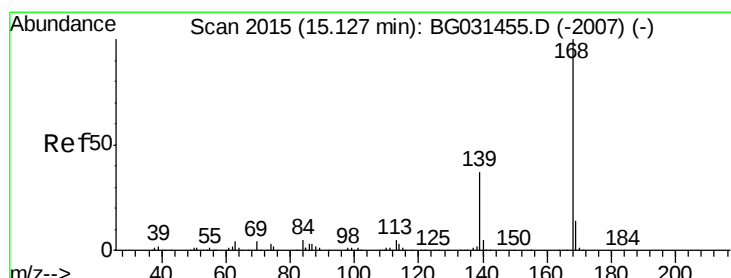
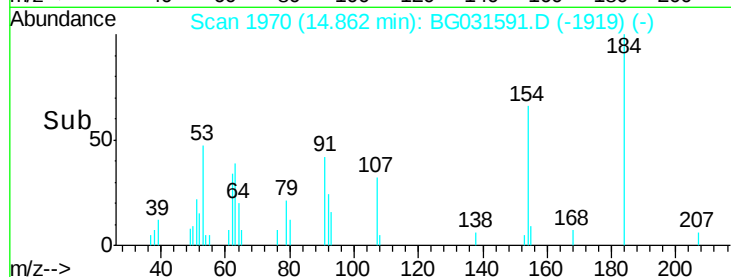
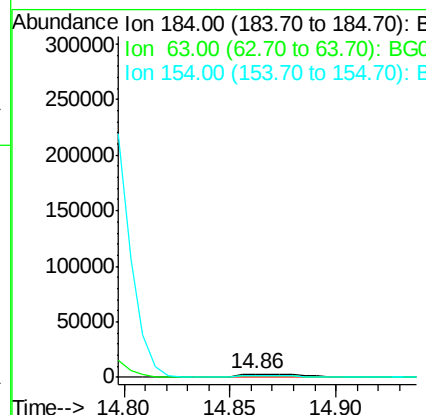
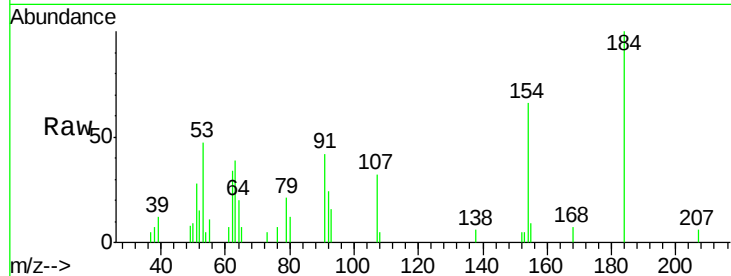
#53
 2,4-Dinitrophenol
 Concen: 12.950 ng
 RT: 14.86 min Scan# 1970
 Delta R.T. -0.00 min
 Lab File: BG031591.D
 Acq: 15 Dec 2017 12:07

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
184	100		
63	39.5	59.8	89.8#
154	65.5	101.8	152.8#

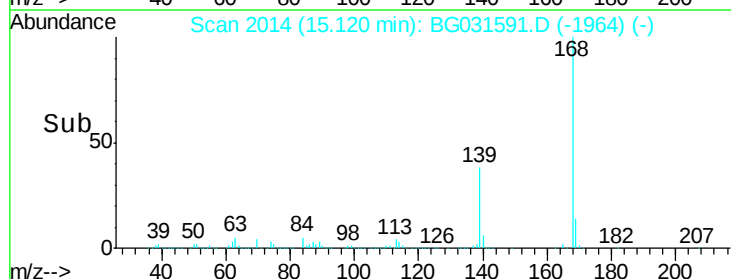
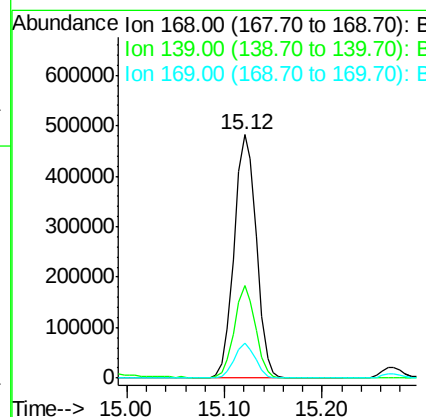
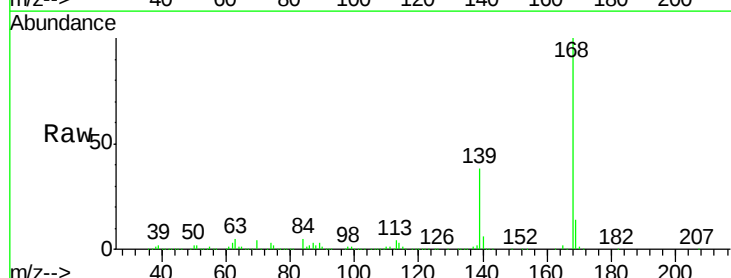
Manual Integrations
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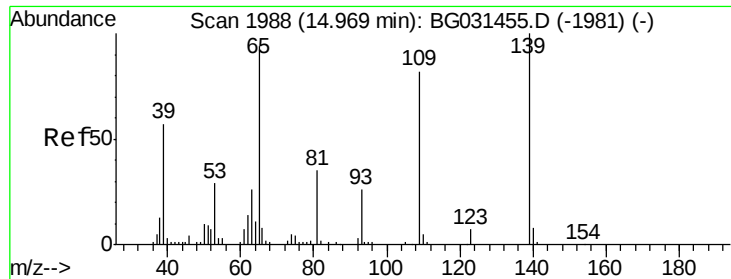
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#54
 Dibenzofuran
 Concen: 39.768 ng
 RT: 15.12 min Scan# 2014
 Delta R.T. -0.01 min
 Lab File: BG031591.D
 Acq: 15 Dec 2017 12:07

Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.9	28.6	43.0
169	14.5	11.2	16.8





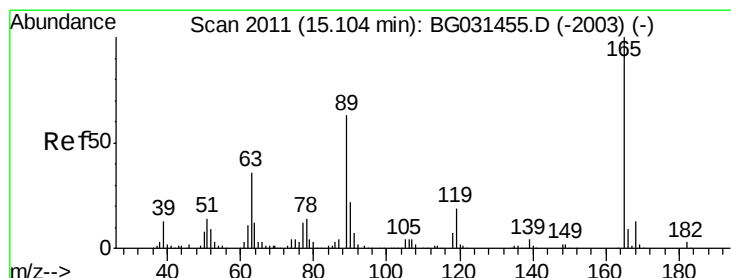
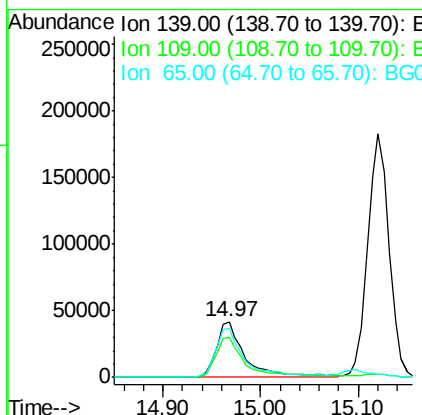
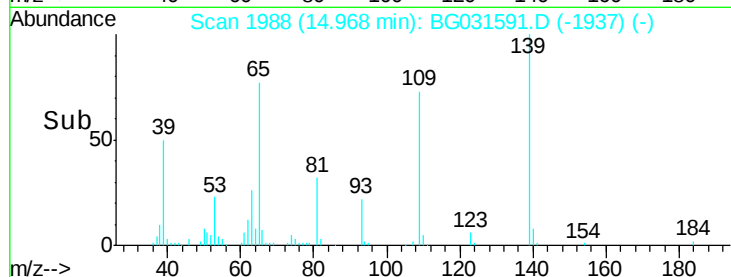
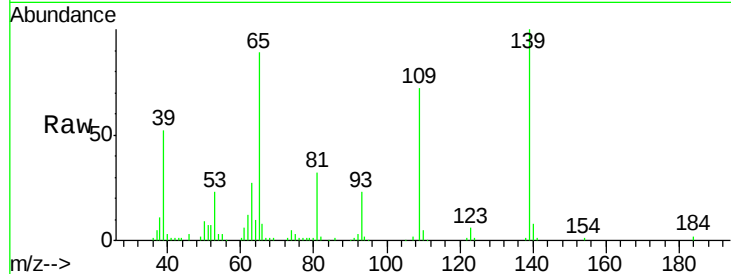
#55
4-Nitrophenol
Concen: 37.715 ng
RT: 14.97 min Scan# 1988
Delta R.T. -0.00 min
Lab File: BG031591.D
Acq: 15 Dec 2017 12:07

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
139	100		
109	72.5	62.2	102.2
65	88.7	97.2	137.2#

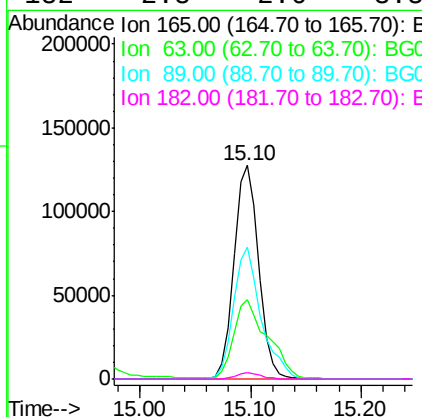
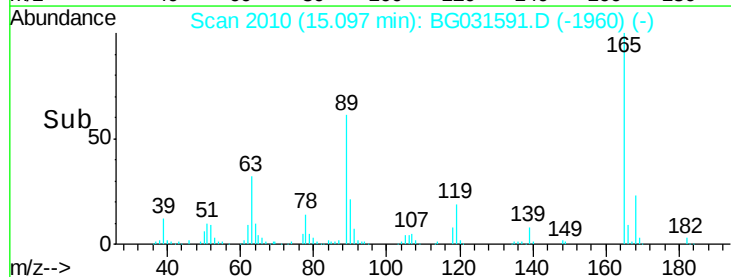
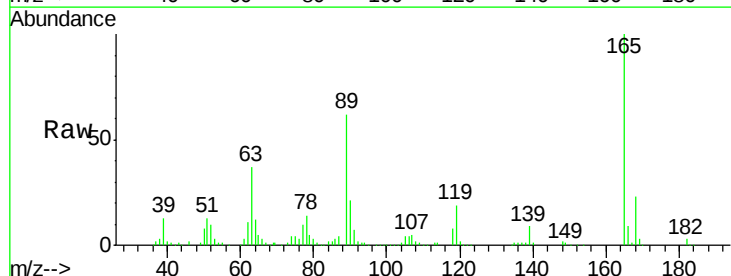
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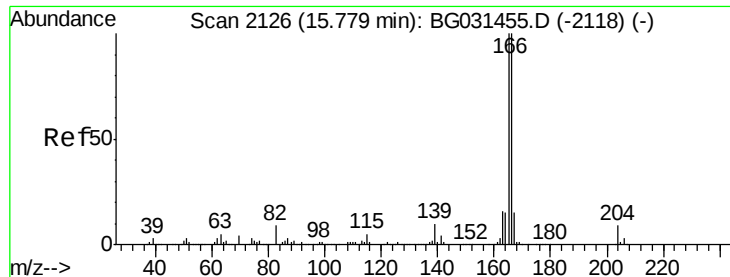
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#56
2,4-Dinitrotoluene
Concen: 40.623 ng
RT: 15.10 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BG031591.D
Acq: 15 Dec 2017 12:07

Tgt Ion	Ratio	Lower	Upper
165	100		
63	37.0	42.0	63.0#
89	61.8	66.9	100.3#
182	2.8	2.6	3.8





#57

Fluorene

Concen: 39.702 ng

RT: 15.77 min Scan# 2124

Delta R.T. -0.01 min

Lab File: BG031591.D

Acq: 15 Dec 2017 12:07

Instrument :

BNA_G

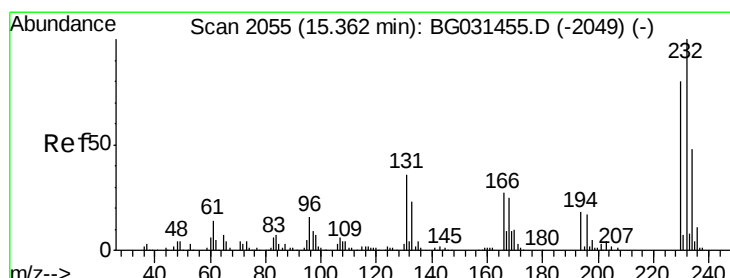
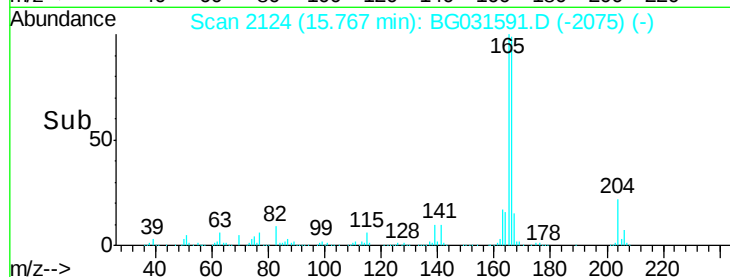
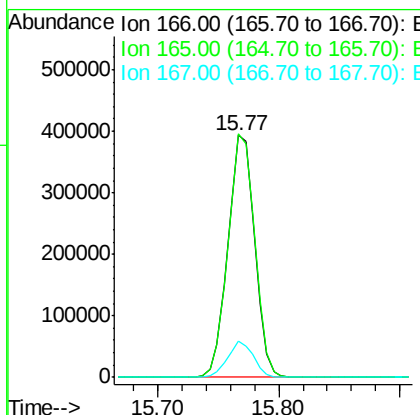
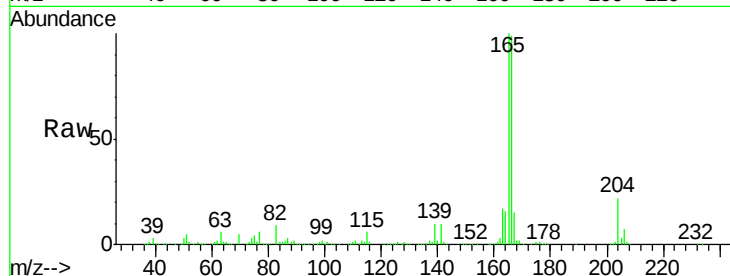
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	166	Resp:	607123
Ion Ratio	Lower	Upper	
166	100		
165	100.5	80.6	121.0
167	14.8	10.4	15.6

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 42.374 ng

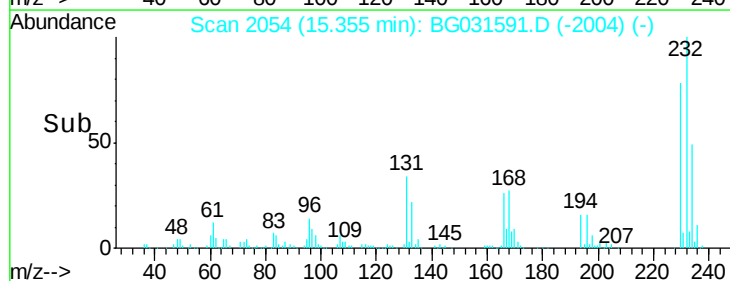
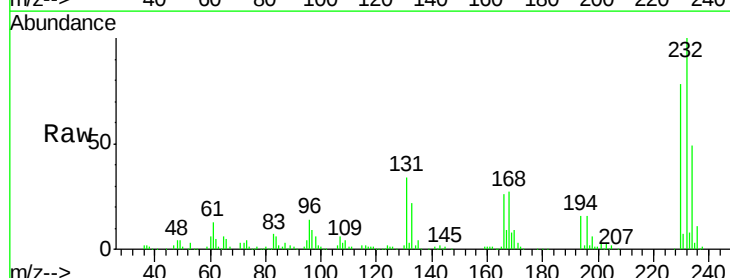
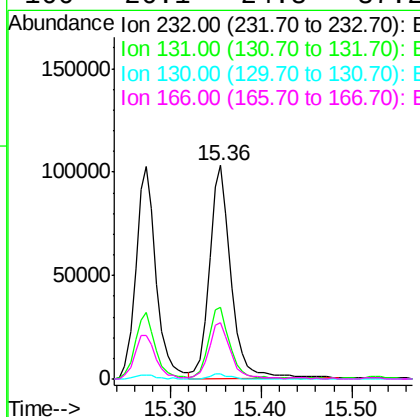
RT: 15.36 min Scan# 2054

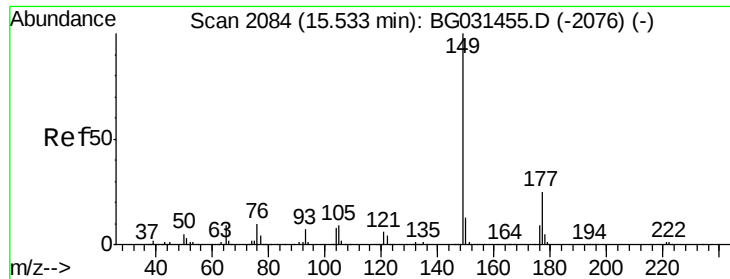
Delta R.T. -0.01 min

Lab File: BG031591.D

Acq: 15 Dec 2017 12:07

Tgt Ion:	232	Resp:	167523
Ion Ratio	Lower	Upper	
232	100		
131	33.9	33.5	50.3
130	2.2	2.2	3.2
166	26.1	24.8	37.2





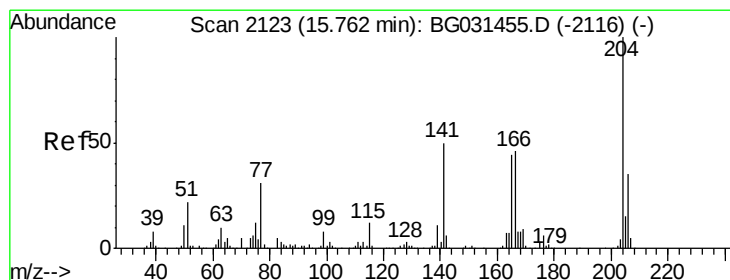
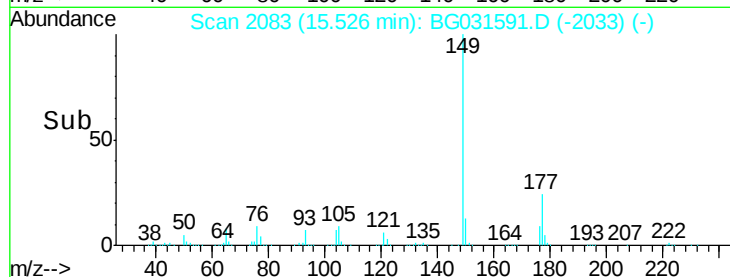
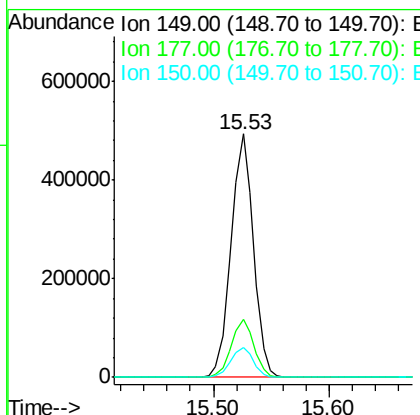
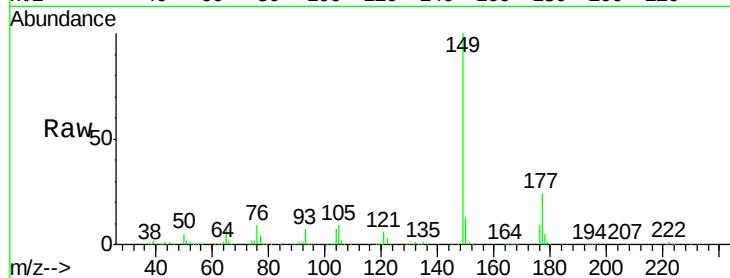
#59
Diethylphthalate
Concen: 40.632 ng
RT: 15.53 min Scan# 2083
Delta R.T. -0.01 min
Lab File: BG031591.D
Acq: 15 Dec 2017 12:07

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.6	18.5	27.7
150	12.5	10.2	15.2

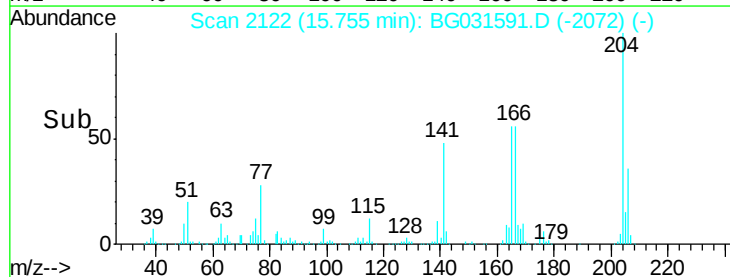
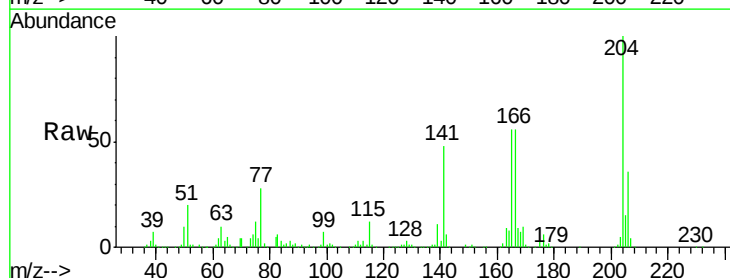
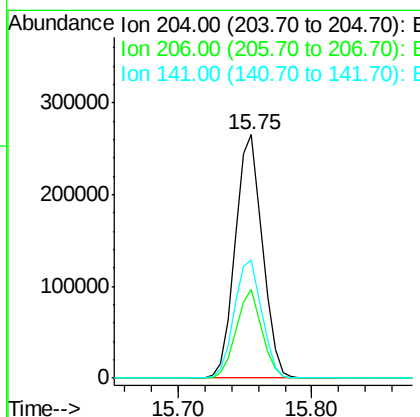
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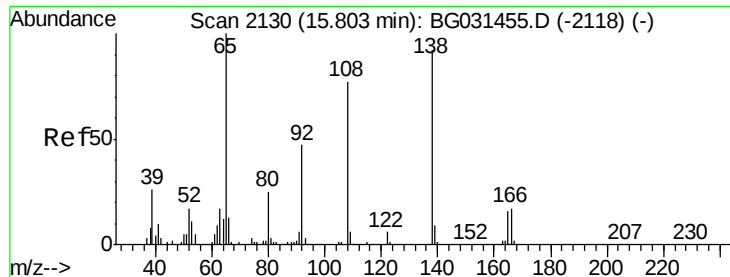
Sohil
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#60
4-Chlorophenyl-phenylether
Concen: 40.020 ng
RT: 15.75 min Scan# 2122
Delta R.T. -0.01 min
Lab File: BG031591.D
Acq: 15 Dec 2017 12:07

Tgt Ion	Ratio	Lower	Upper
204	100		
206	36.4	26.2	39.2
141	48.4	45.8	68.6





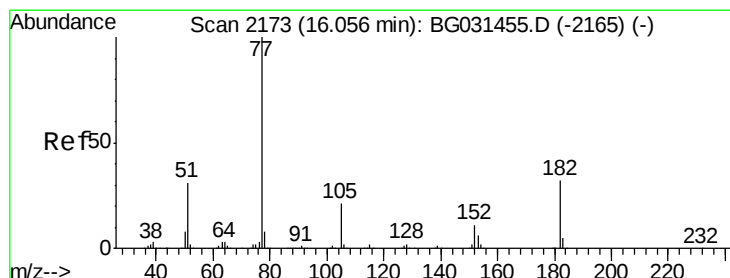
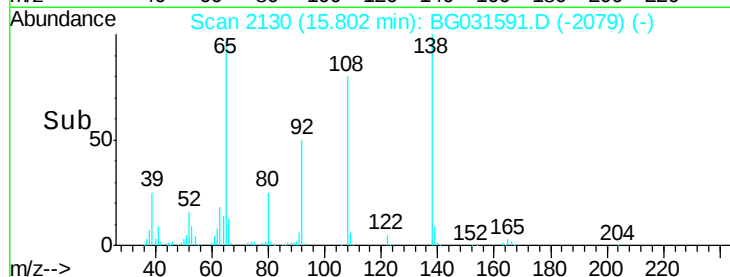
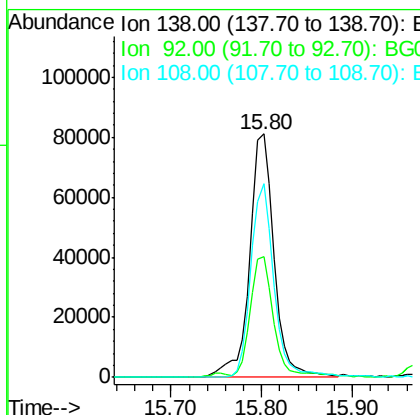
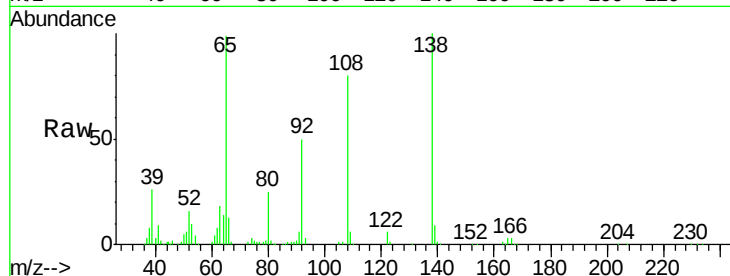
#61
4-Nitroaniline
Concen: 40.964 ng
RT: 15.80 min Scan# 2130
Delta R.T. -0.00 min
Lab File: BG031591.D
Acq: 15 Dec 2017 12:07

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.8	40.1	80.1
108	79.6	65.4	105.4

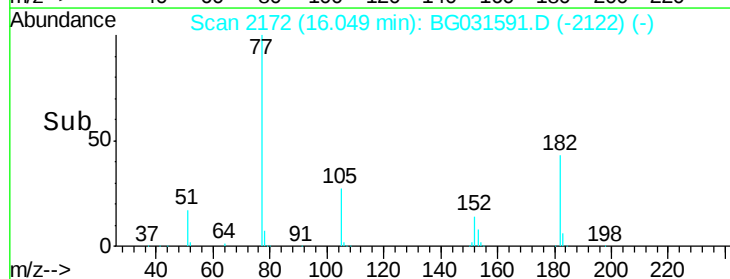
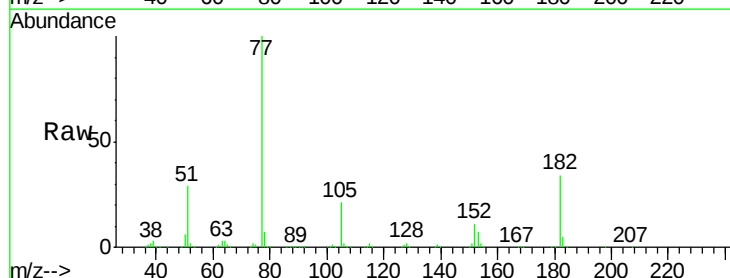
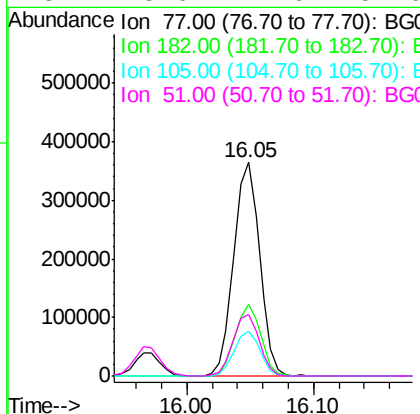
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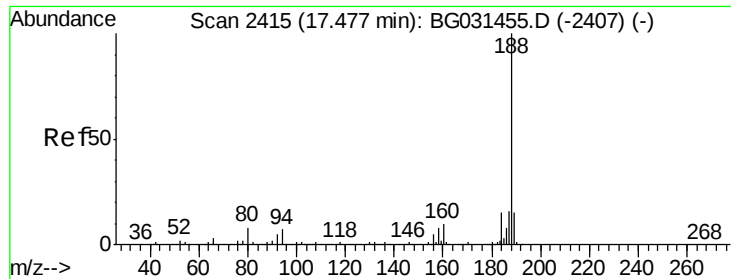
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#62
Azobenzene
Concen: 38.294 ng
RT: 16.05 min Scan# 2172
Delta R.T. -0.01 min
Lab File: BG031591.D
Acq: 15 Dec 2017 12:07

Tgt Ion	Ratio	Lower	Upper
77	100		
182	33.8	7.4	47.4
105	21.1	0.3	40.3
51	28.6	11.6	51.6





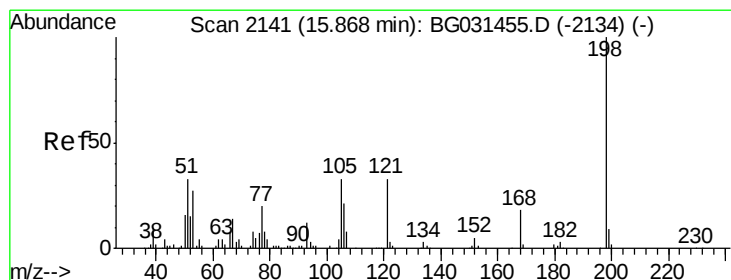
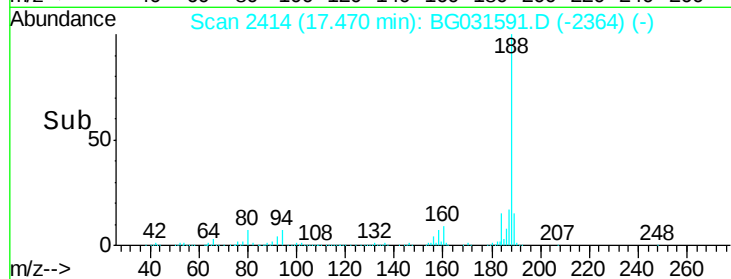
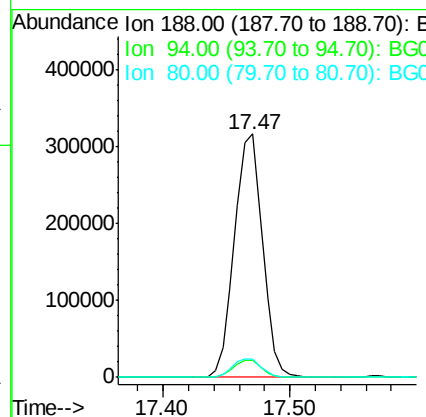
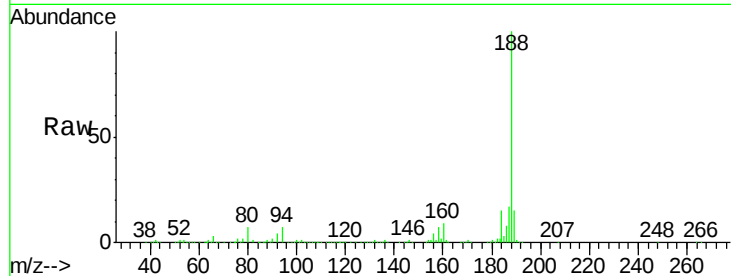
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2414
Delta R.T. -0.01 min
Lab File: BG031591.D
Acq: 15 Dec 2017 12:07

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	7.2	6.9	10.3
80	7.5	7.7	11.5#

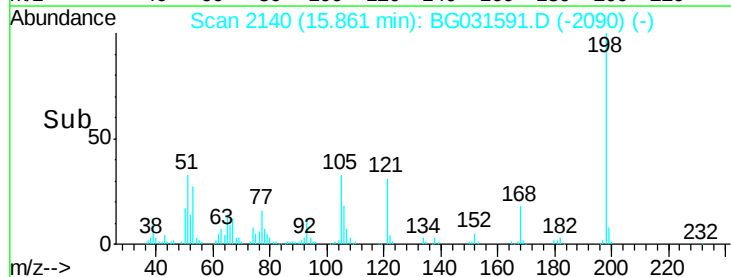
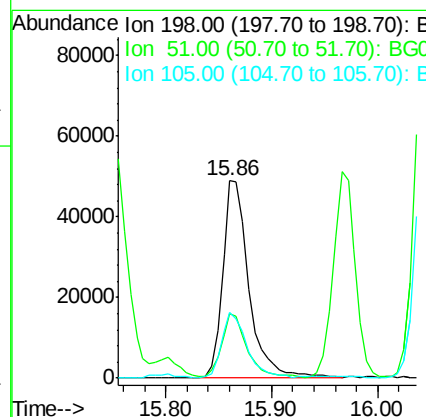
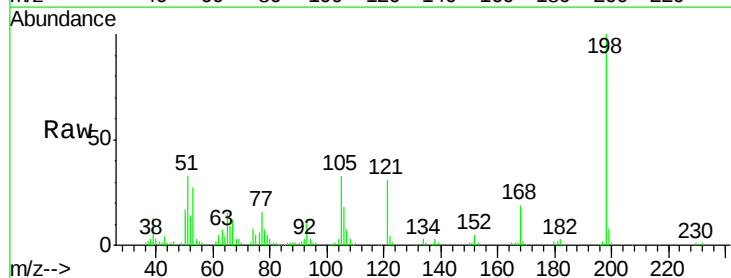
Manual Integrations
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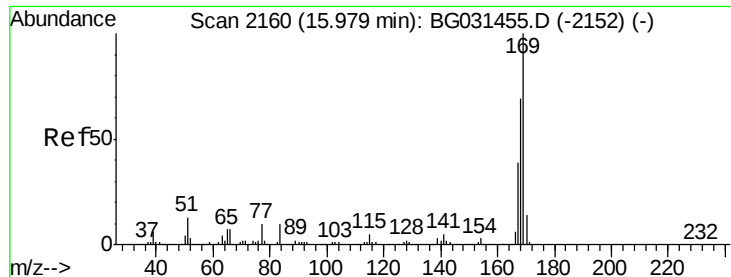
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#64
4,6-Dinitro-2-methylphenol
Concen: 31.010 ng
RT: 15.86 min Scan# 2140
Delta R.T. -0.01 min
Lab File: BG031591.D
Acq: 15 Dec 2017 12:07

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	32.5	30.6	70.6
105	33.3	23.8	63.8





#65

n-Nitrosodiphenylamine

Concen: 41.816 ng

RT: 15.97 min Scan# 2159

Delta R.T. -0.01 min

Lab File: BG031591.D

Acq: 15 Dec 2017 12:07

Instrument :

BNA_G

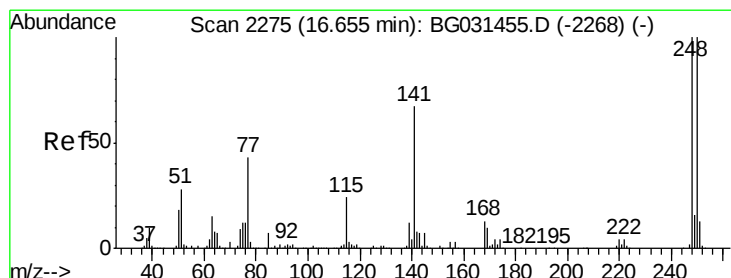
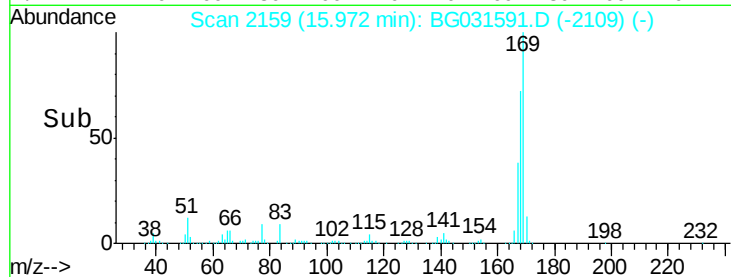
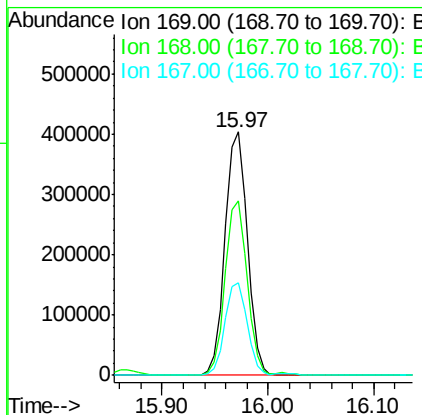
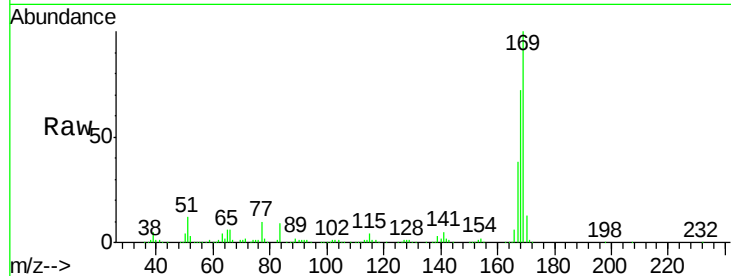
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	169	Resp:	591970
Ion Ratio	Lower	Upper	
169	100		
168	71.5	55.7	83.5
167	38.2	30.1	45.1

Manual Integrations
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#66

4-Bromophenyl-phenylether

Concen: 41.980 ng

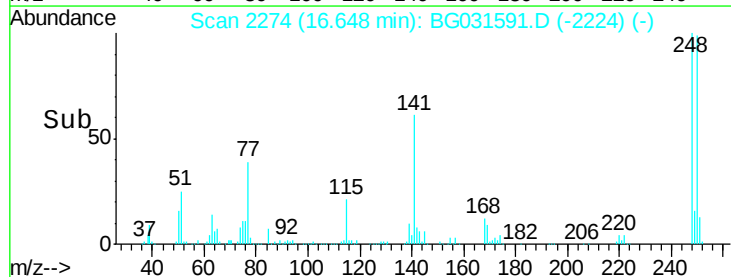
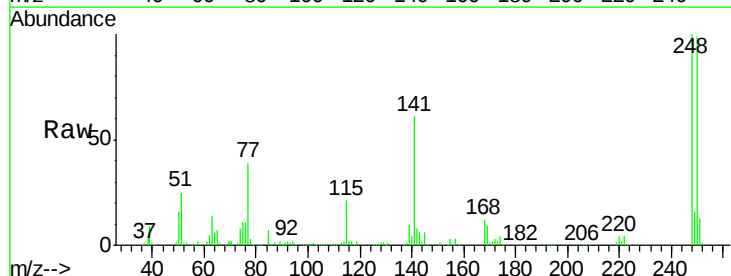
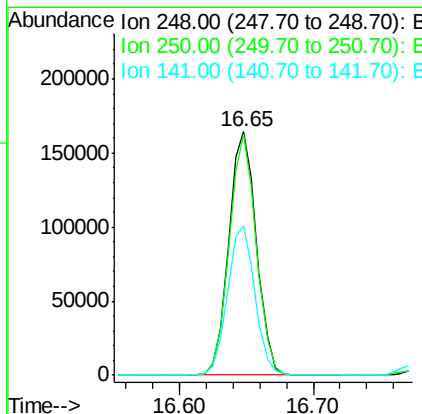
RT: 16.65 min Scan# 2274

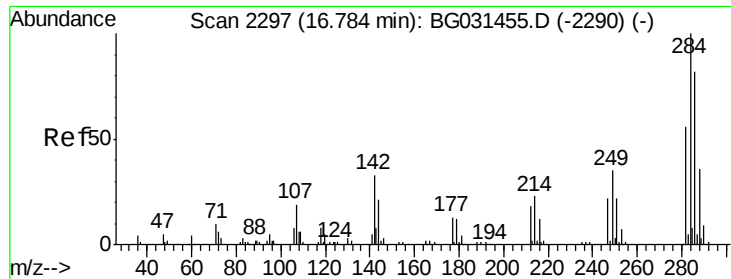
Delta R.T. -0.01 min

Lab File: BG031591.D

Acq: 15 Dec 2017 12:07

Tgt Ion:	248	Resp:	236096
Ion Ratio	Lower	Upper	
248	100		
250	99.1	77.1	115.7
141	61.0	50.8	76.2





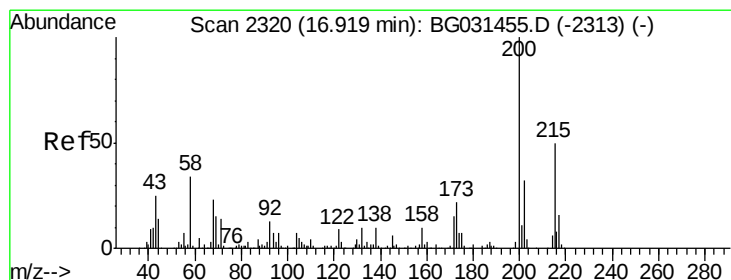
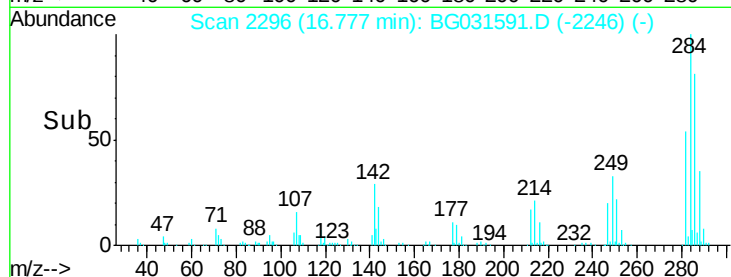
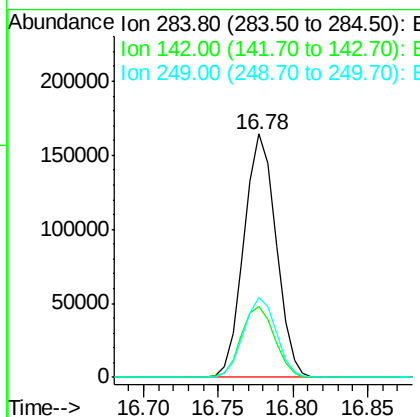
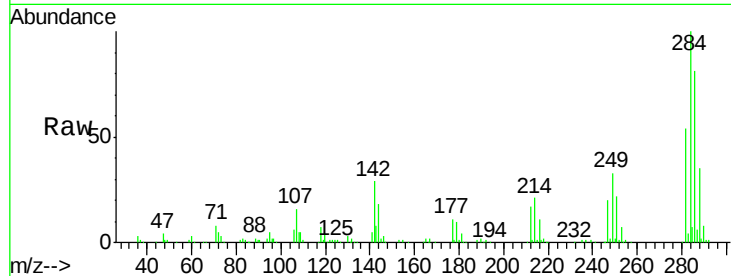
#67
Hexachlorobenzene
Concen: 42.238 ng
RT: 16.78 min Scan# 2296
Delta R.T. -0.01 min
Lab File: BG031591.D
Acq: 15 Dec 2017 12:07

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	245296		
142	29.3	26.8	40.2	
249	33.0	26.3	39.5	

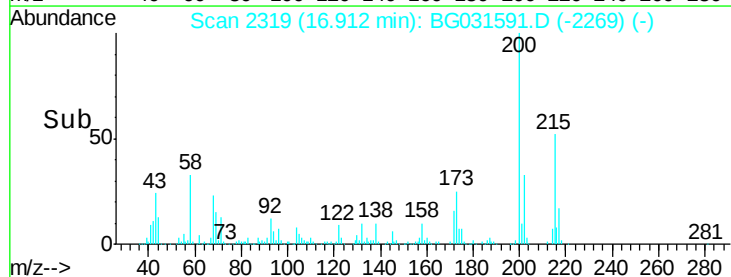
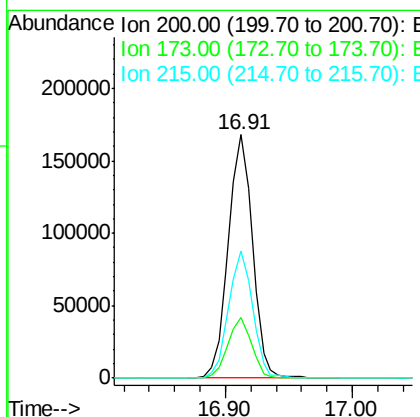
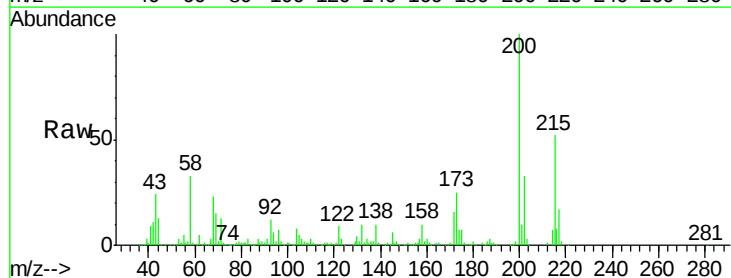
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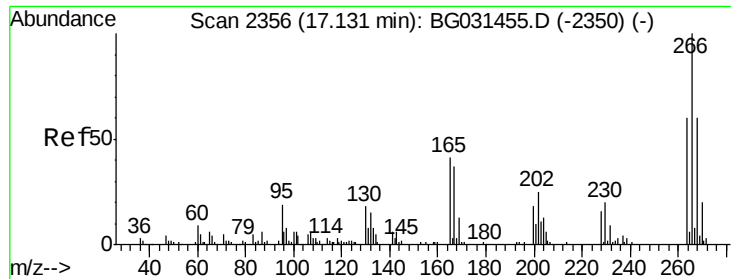
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#68
Atrazine
Concen: 42.960 ng
RT: 16.91 min Scan# 2319
Delta R.T. -0.01 min
Lab File: BG031591.D
Acq: 15 Dec 2017 12:07

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	222373		
173	24.7	5.2	45.2	
215	52.4	30.4	70.4	





#69

Pentachlorophenol

Concen: 31.022 ng

RT: 17.13 min Scan# 2356

Delta R.T. -0.00 min

Lab File: BG031591.D

Acq: 15 Dec 2017 12:07

Instrument :

BNA_G

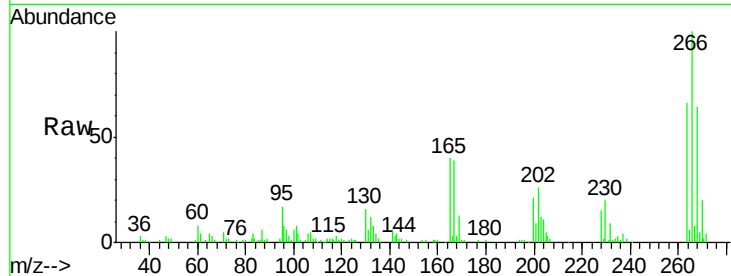
ClientSampleId :

SSTDCCC040EC

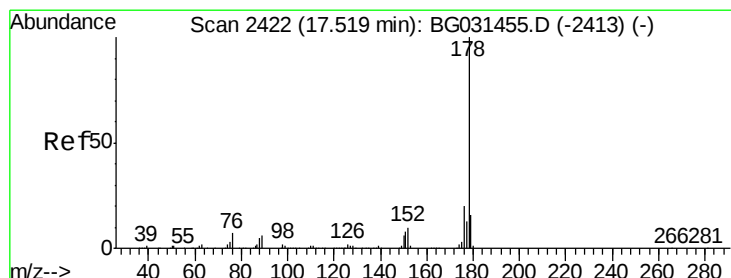
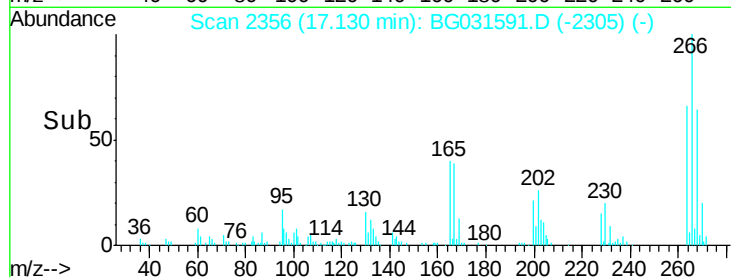
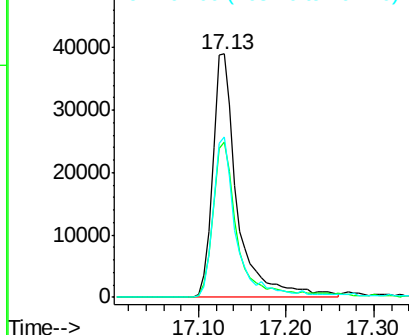
Tgt Ion:	266	Resp:	76187
Ion Ratio	Lower	Upper	
266	100		
268	63.8	51.1	76.7
264	65.6	49.6	74.4

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



#70

Phenanthrene

Concen: 39.859 ng

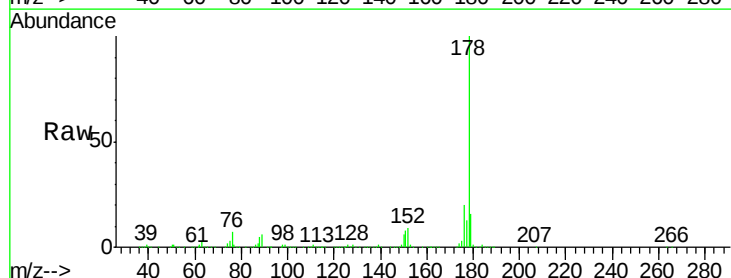
RT: 17.51 min Scan# 2421

Delta R.T. -0.01 min

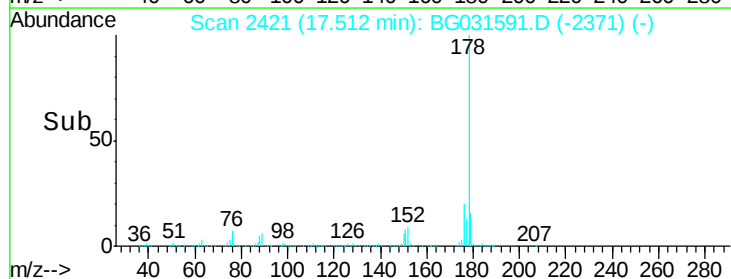
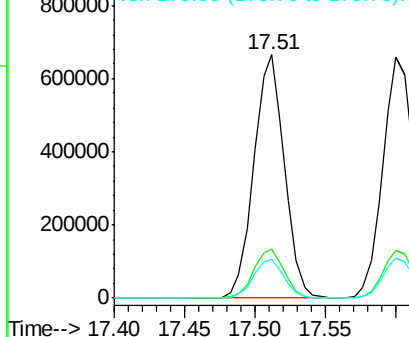
Lab File: BG031591.D

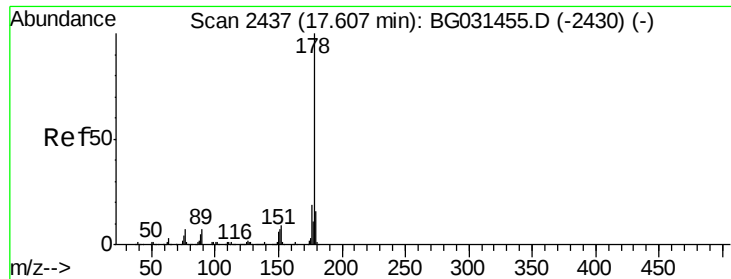
Acq: 15 Dec 2017 12:07

Tgt Ion:	178	Resp:	1006794
Ion Ratio	Lower	Upper	
178	100		
176	20.2	15.7	23.5
179	15.7	12.5	18.7



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





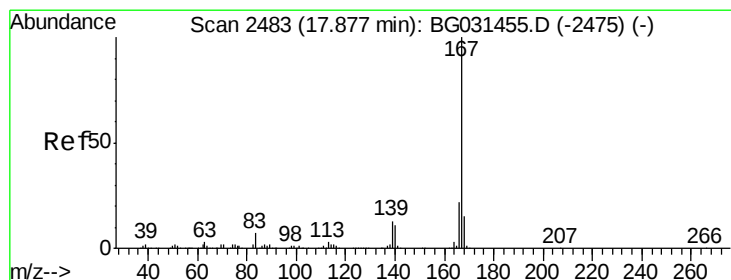
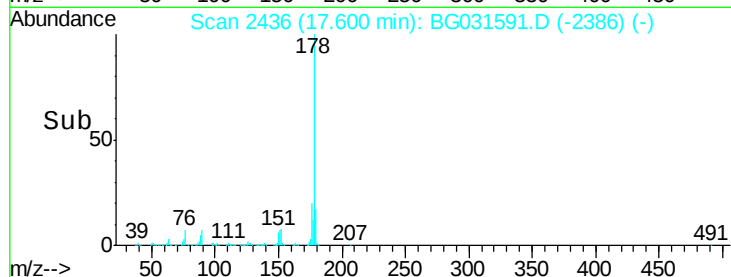
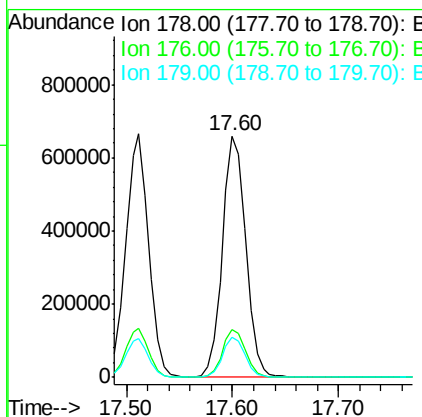
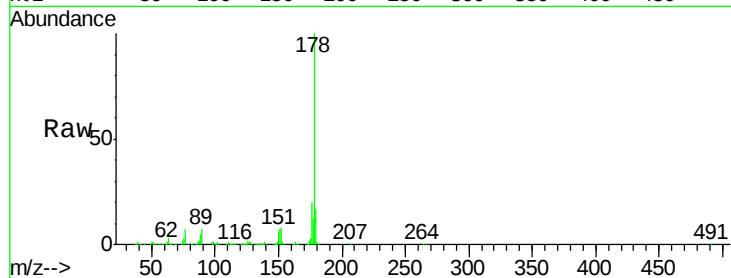
#71
 Anthracene
 Concen: 40.459 ng
 RT: 17.60 min Scan# 2436
 Delta R.T. -0.01 min
 Lab File: BG031591.D
 Acq: 15 Dec 2017 12:07

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:178 Resp: 1010739
 Ion Ratio Lower Upper
 178 100
 176 20.0 16.0 24.0
 179 16.5 12.5 18.7

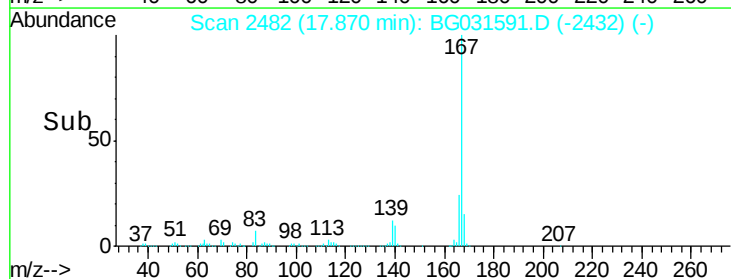
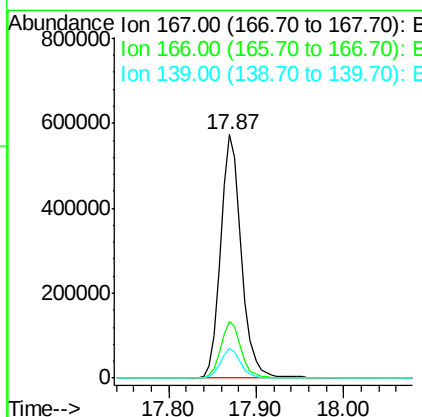
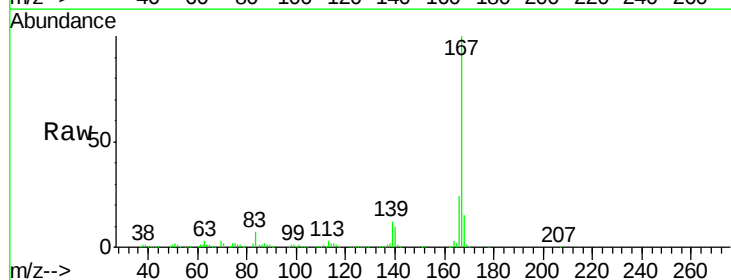
Manual Integrations
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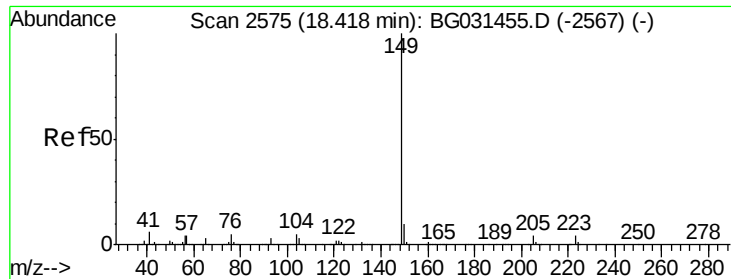
Sohil
 12/15/2017 6:47:10 PM



#72
 Carbazole
 Concen: 41.505 ng
 RT: 17.87 min Scan# 2482
 Delta R.T. -0.01 min
 Lab File: BG031591.D
 Acq: 15 Dec 2017 12:07

Tgt Ion:167 Resp: 938324
 Ion Ratio Lower Upper
 167 100
 166 23.5 18.2 27.4
 139 12.3 9.4 14.2





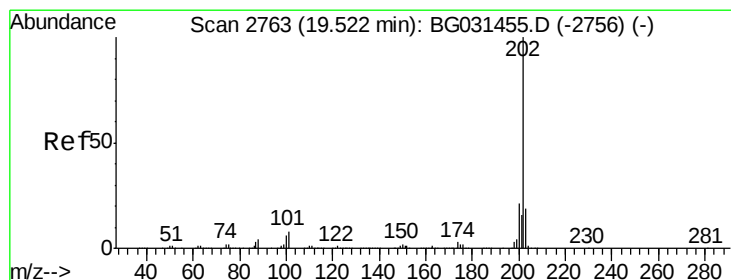
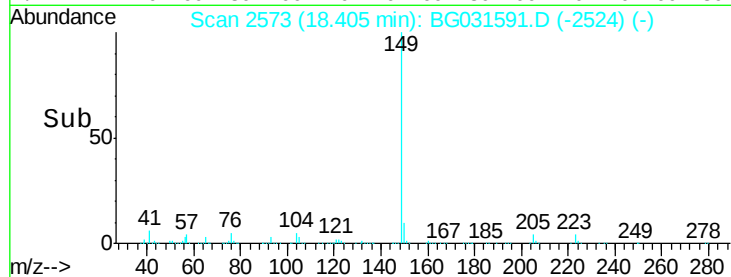
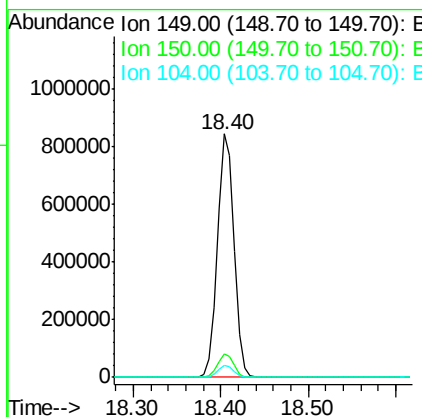
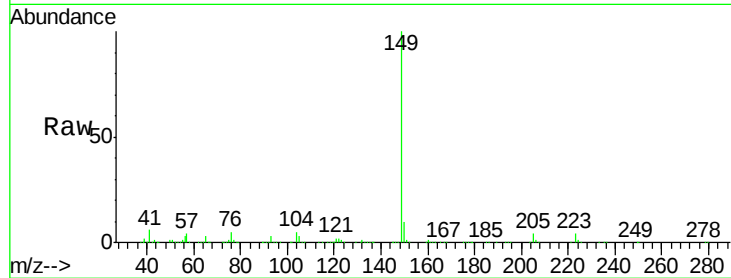
#73
Di-n-butylphthalate
Concen: 42.719 ng
RT: 18.40 min Scan# 2573
Delta R.T. -0.01 min
Lab File: BG031591.D
Acq: 15 Dec 2017 12:07

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:149 Resp: 1115262
Ion Ratio Lower Upper
149 100
150 9.7 7.8 11.6
104 5.1 3.9 5.9

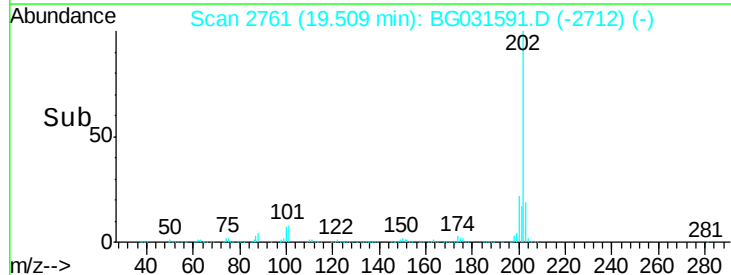
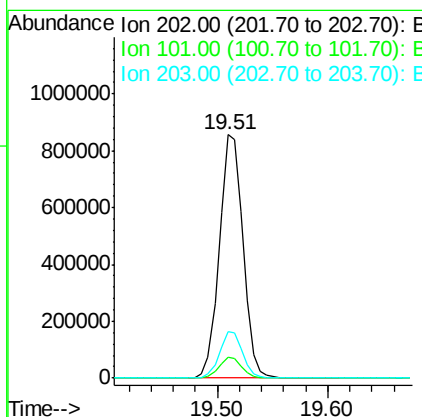
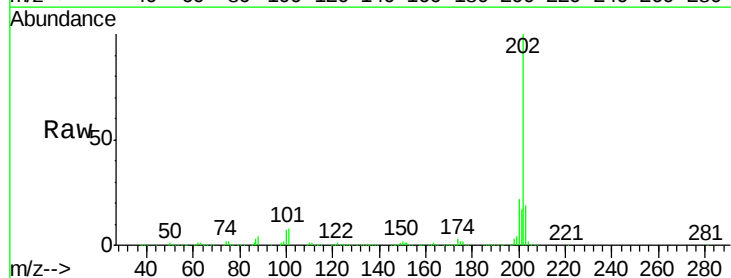
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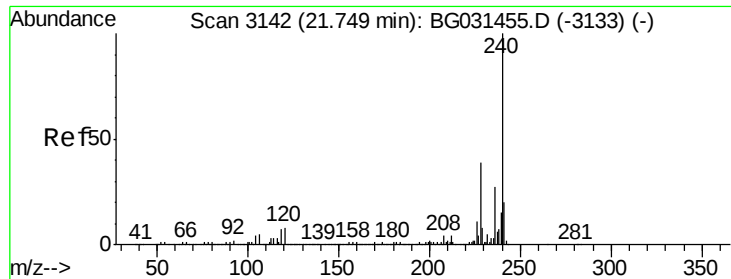
Sohil
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#74
Fluoranthene
Concen: 40.433 ng
RT: 19.51 min Scan# 2761
Delta R.T. -0.01 min
Lab File: BG031591.D
Acq: 15 Dec 2017 12:07

Tgt Ion:202 Resp: 1278126
Ion Ratio Lower Upper
202 100
101 8.4 0.0 28.9
203 19.3 0.0 37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.74 min Scan# 3140

Delta R.T. -0.01 min

Lab File: BG031591.D

Acq: 15 Dec 2017 12:07

Instrument :

BNA_G

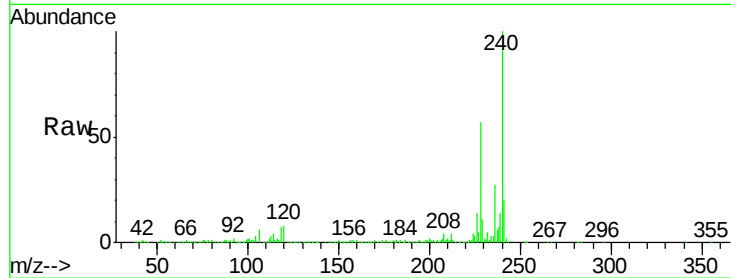
ClientSampleId :

SSTDCCC040EC

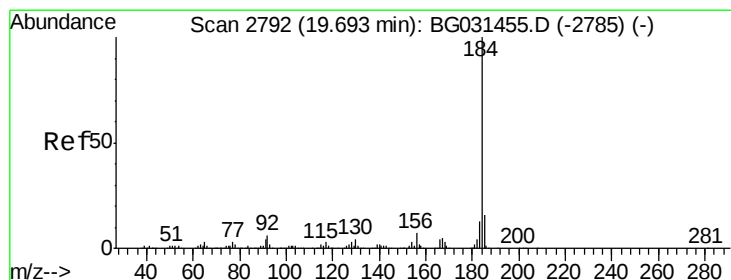
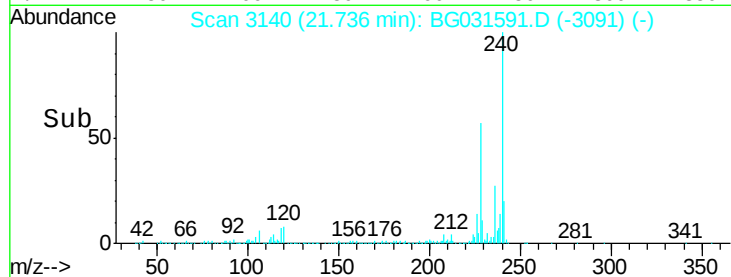
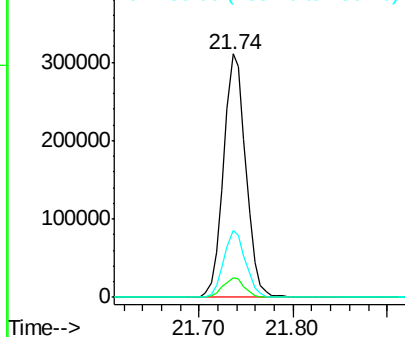
Tgt Ion:	240	Resp:	511689
Ion Ratio	Lower	Upper	
240	100		
120	8.0	6.8	10.2
236	27.4	20.9	31.3

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



#76

Benzidine

Concen: 35.103 ng

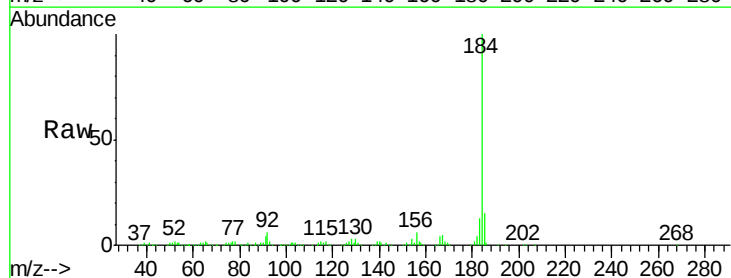
RT: 19.69 min Scan# 2791

Delta R.T. -0.01 min

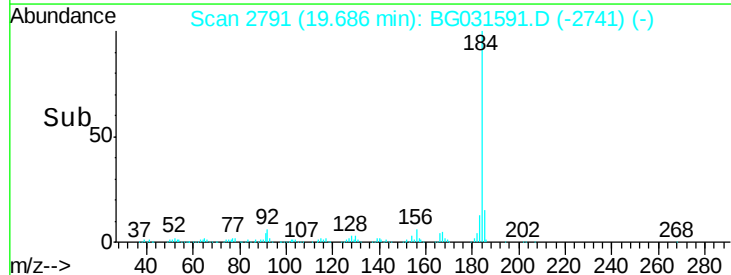
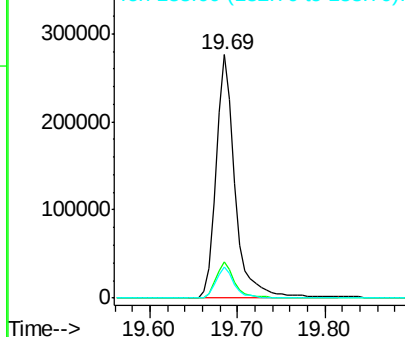
Lab File: BG031591.D

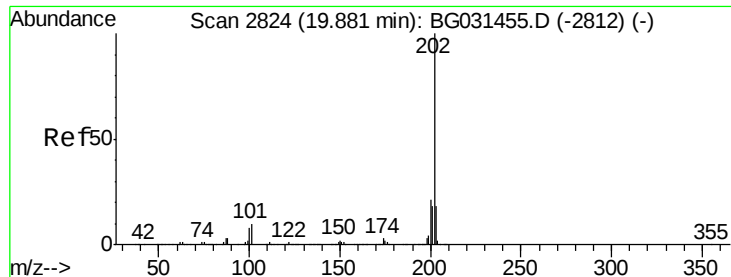
Acq: 15 Dec 2017 12:07

Tgt Ion:	184	Resp:	418009
Ion Ratio	Lower	Upper	
184	100		
185	14.8	11.1	16.7
183	13.0	10.6	16.0



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





#77

Pyrene

Concen: 41.386 ng

RT: 19.87 min Scan# 2823

Delta R.T. -0.01 min

Lab File: BG031591.D

Acq: 15 Dec 2017 12:07

Instrument :

BNA_G

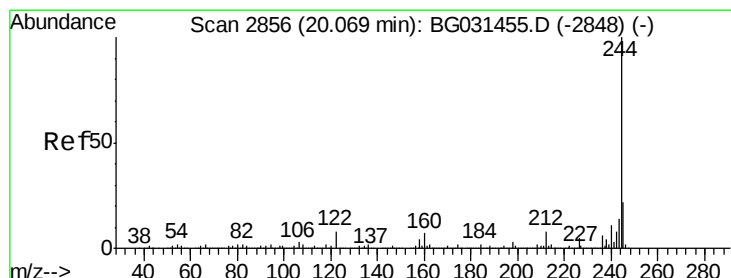
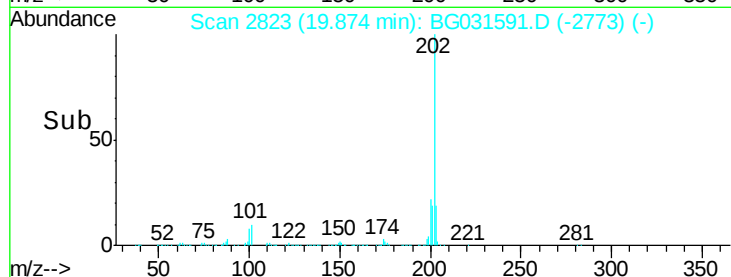
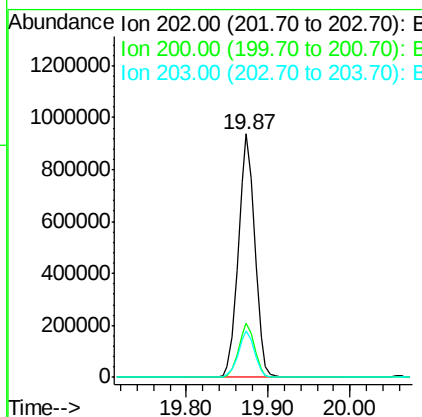
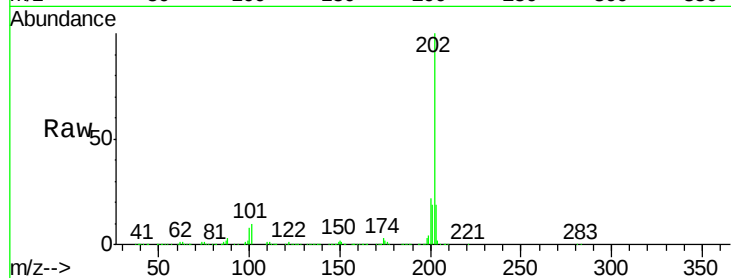
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	202	Resp:	1315830
Ion	Ratio	Lower	Upper
202	100		
200	22.3	16.9	25.3
203	19.3	13.9	20.9

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#78

Terphenyl-d14

Concen: 80.775 ng

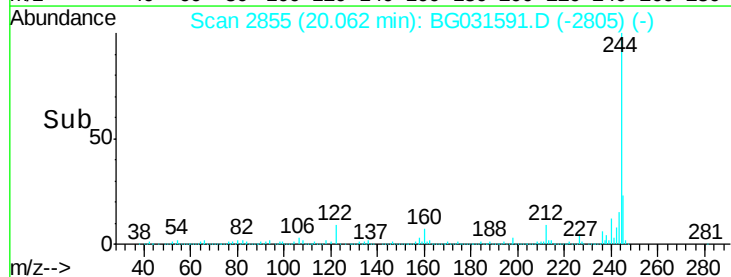
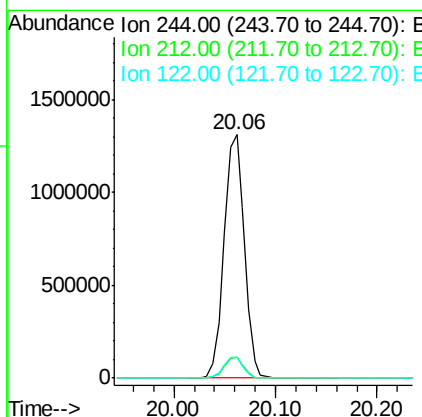
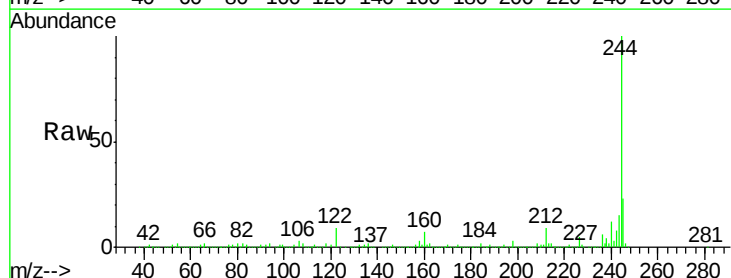
RT: 20.06 min Scan# 2855

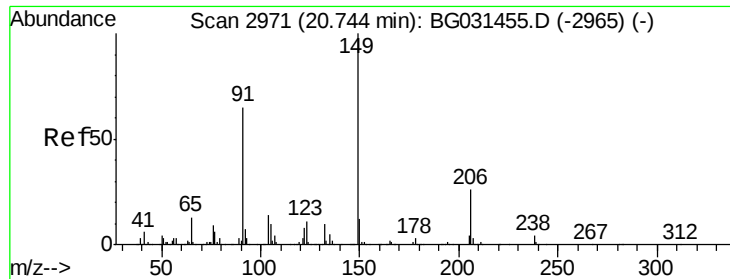
Delta R.T. -0.01 min

Lab File: BG031591.D

Acq: 15 Dec 2017 12:07

Tgt Ion:	244	Resp:	1816640
Ion	Ratio	Lower	Upper
244	100		
212	8.5	5.8	8.8
122	8.6	7.0	10.4





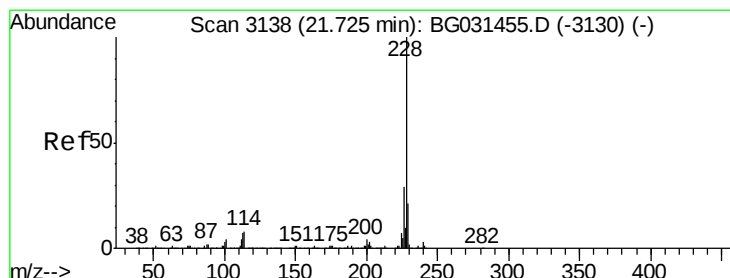
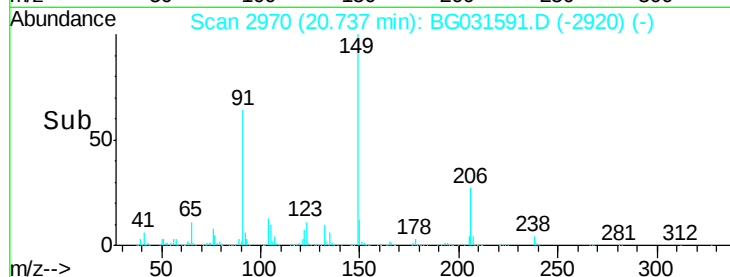
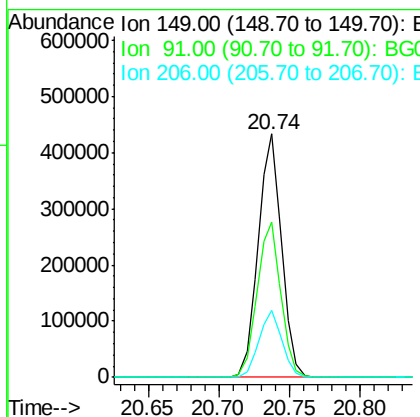
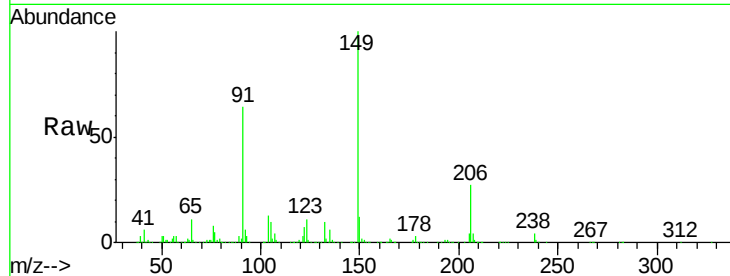
#79
Butylbenzylphthalate
Concen: 45.522 ng
RT: 20.74 min Scan# 2970
Delta R.T. -0.01 min
Lab File: BG031591.D
Acq: 15 Dec 2017 12:07

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
91	63.8	62.2	93.2
206	27.3	18.6	27.8

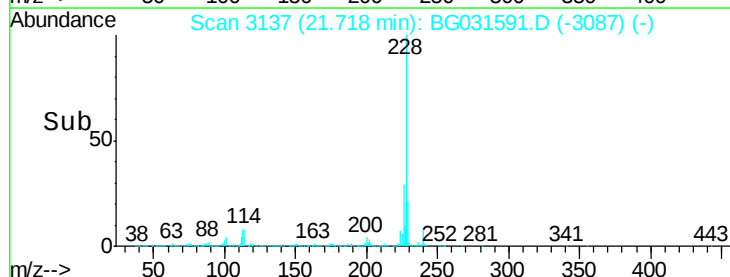
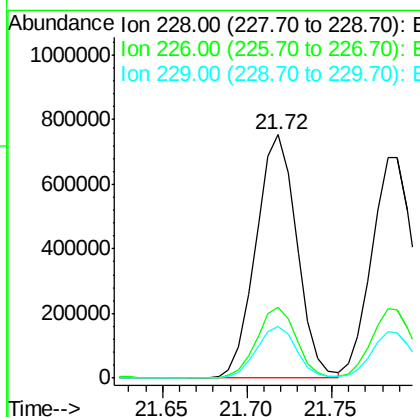
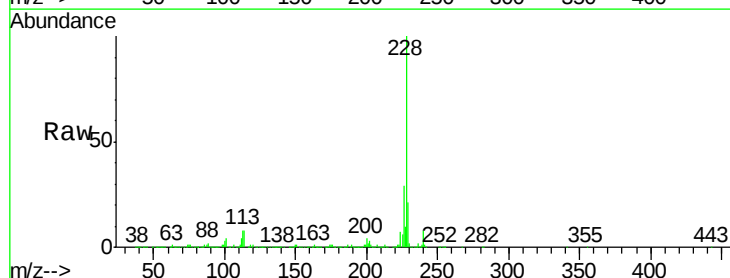
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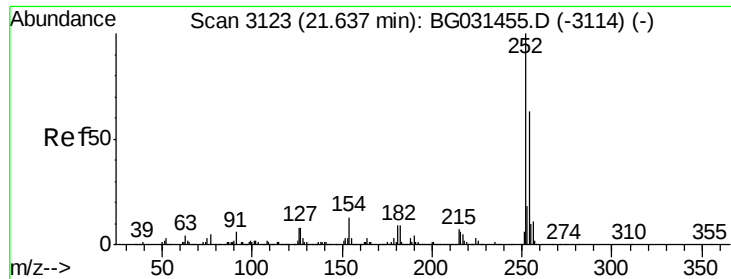
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#80
Benzo(a)anthracene
Concen: 41.107 ng
RT: 21.72 min Scan# 3137
Delta R.T. -0.01 min
Lab File: BG031591.D
Acq: 15 Dec 2017 12:07

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	29.1	22.7	34.1
229	21.2	16.2	24.2





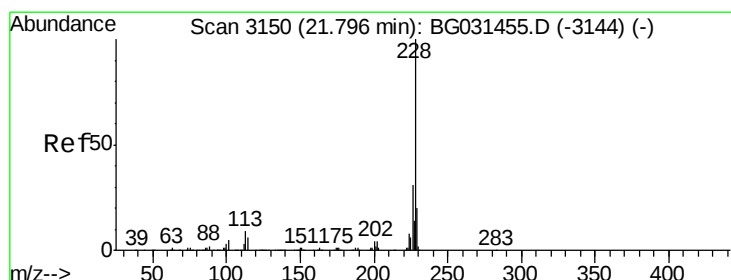
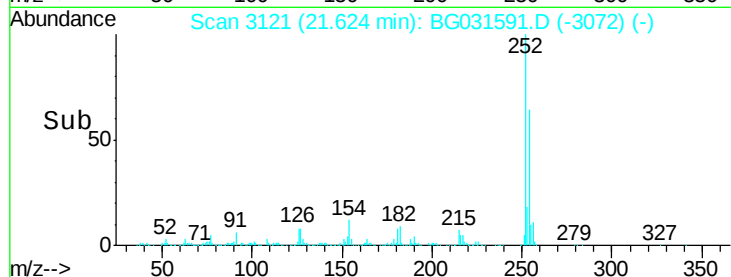
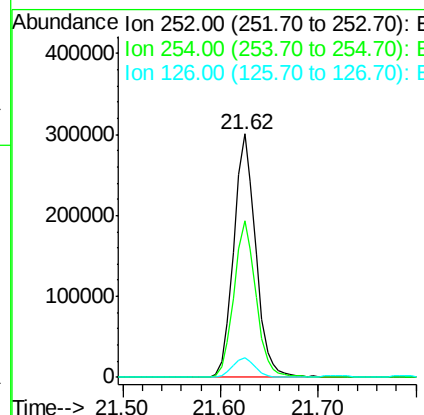
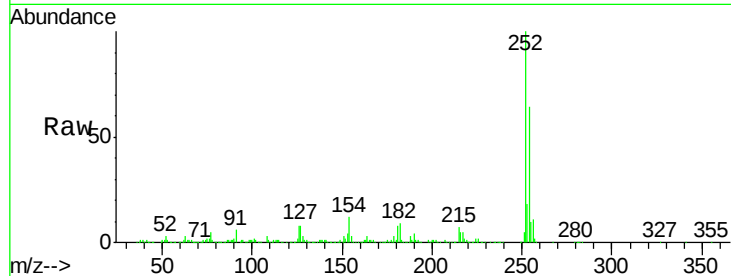
#81
 3,3'-Dichlorobenzidine
 Concen: 43.924 ng
 RT: 21.62 min Scan# 3121
 Delta R.T. -0.01 min
 Lab File: BG031591.D
 Acq: 15 Dec 2017 12:07

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.2	50.8	76.2
126	7.9	7.4	11.2

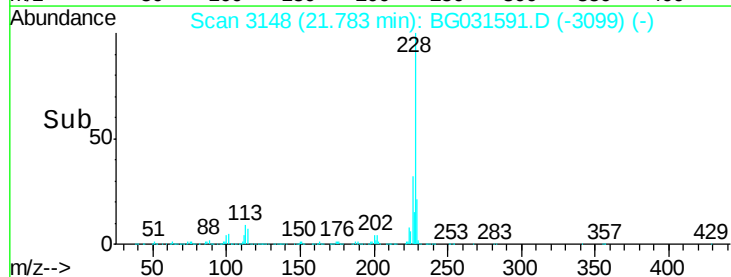
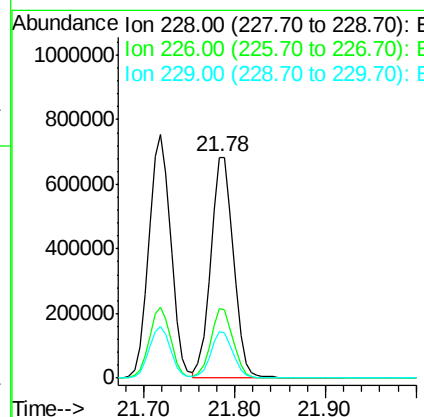
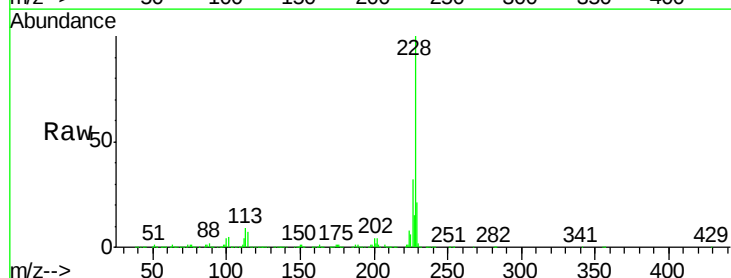
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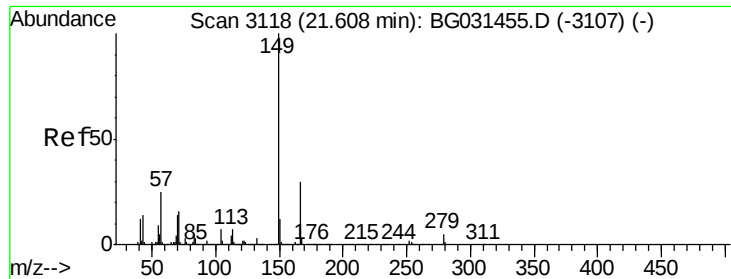
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#82
 Chrysene
 Concen: 40.391 ng
 RT: 21.78 min Scan# 3148
 Delta R.T. -0.01 min
 Lab File: BG031591.D
 Acq: 15 Dec 2017 12:07

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.9	37.3
229	21.3	15.0	22.4





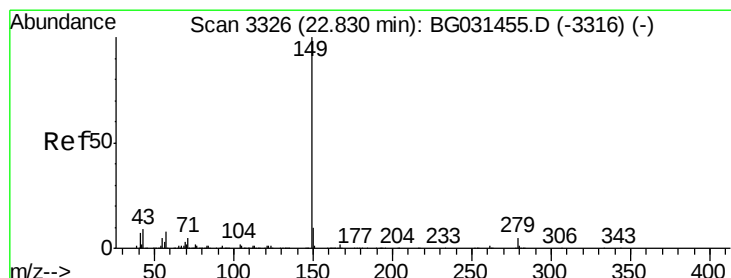
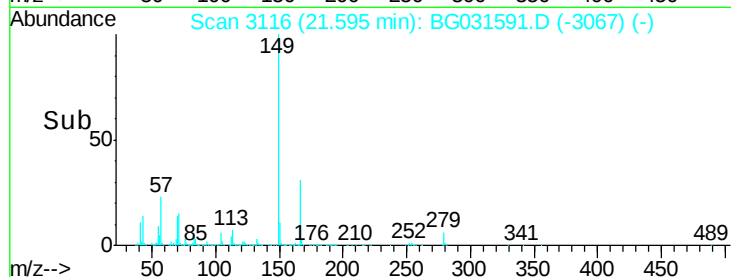
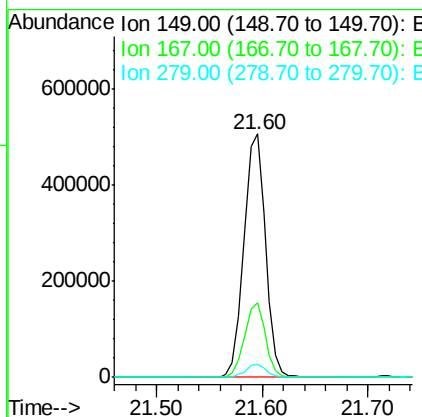
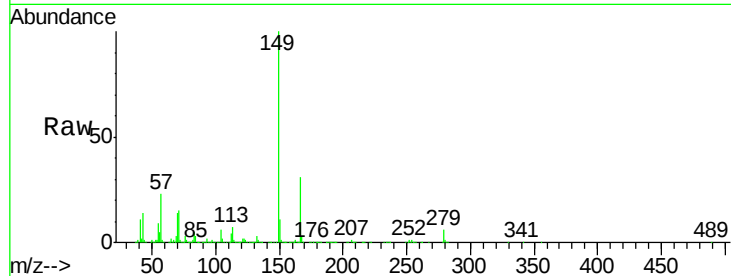
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.528 ng
 RT: 21.60 min Scan# 3116
 Delta R.T. -0.01 min
 Lab File: BG031591.D
 Acq: 15 Dec 2017 12:07

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.6	24.3	36.5
279	5.5	4.0	6.0

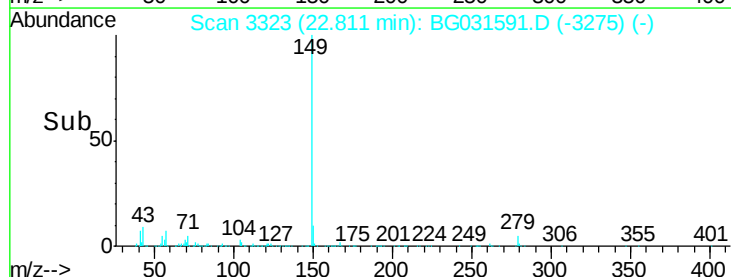
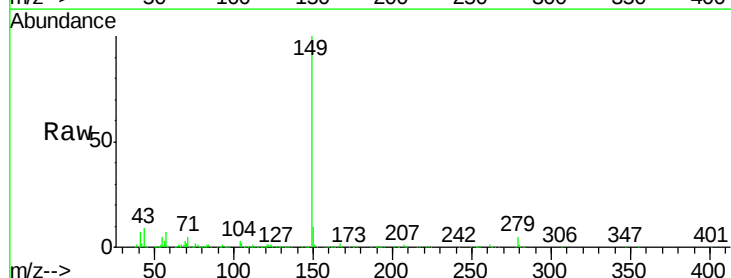
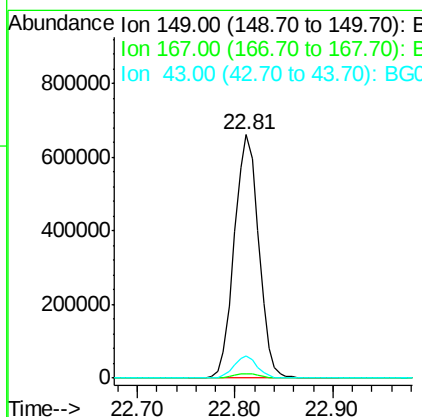
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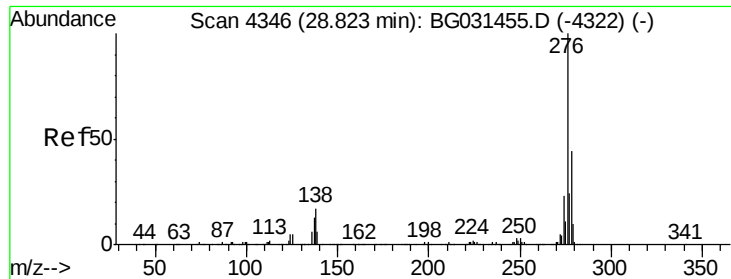
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#84
 Di-n-octyl phthalate
 Concen: 43.361 ng
 RT: 22.81 min Scan# 3323
 Delta R.T. -0.02 min
 Lab File: BG031591.D
 Acq: 15 Dec 2017 12:07

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	8.7	8.9	13.3





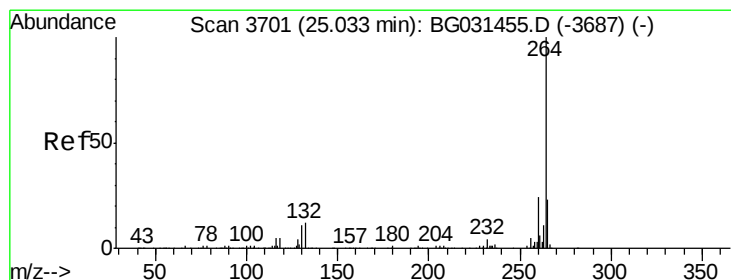
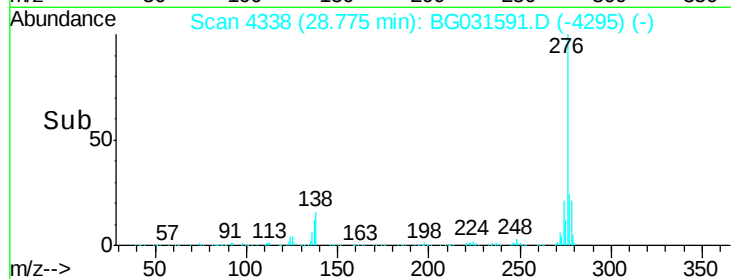
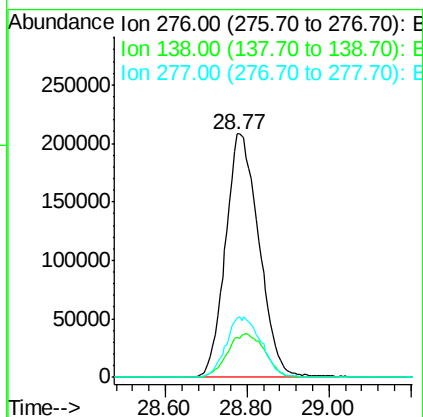
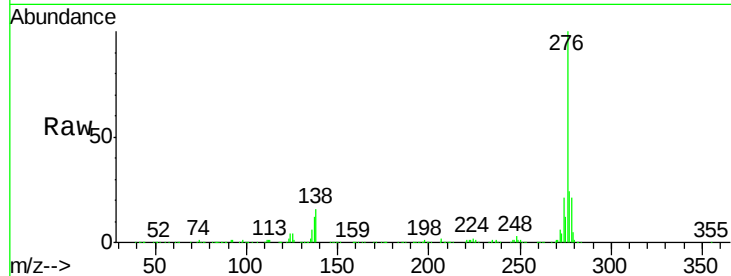
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.439 ng
 RT: 28.77 min Scan# 4338
 Delta R.T. -0.05 min
 Lab File: BG031591.D
 Acq: 15 Dec 2017 12:07

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
276	100		
138	0.0	16.0	24.0#
277	0.0	20.0	30.0#

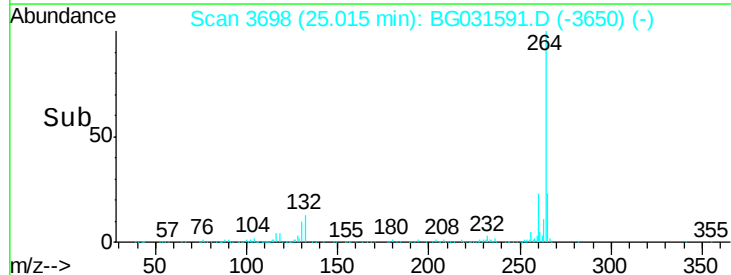
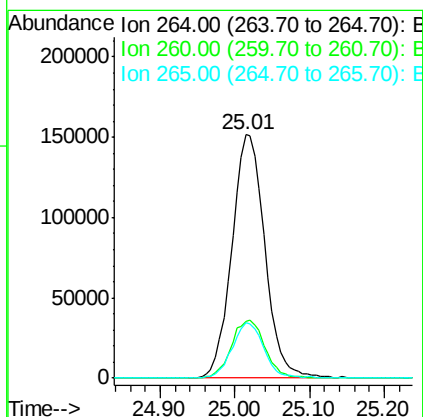
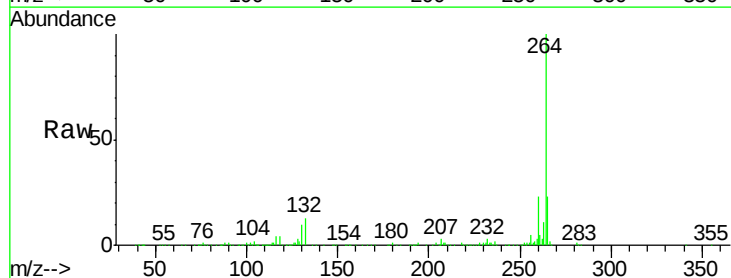
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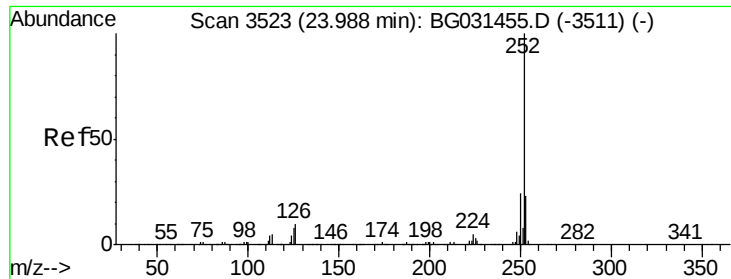
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.01 min Scan# 3698
 Delta R.T. -0.02 min
 Lab File: BG031591.D
 Acq: 15 Dec 2017 12:07

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	17.4	26.0
265	22.8	17.7	26.5





#87

Benzo(b)fluoranthene

Concen: 43.378 ng m

RT: 23.97 min Scan# 3521

Delta R.T. -0.01 min

Lab File: BG031591.D

Acq: 15 Dec 2017 12:07

Instrument :

BNA_G

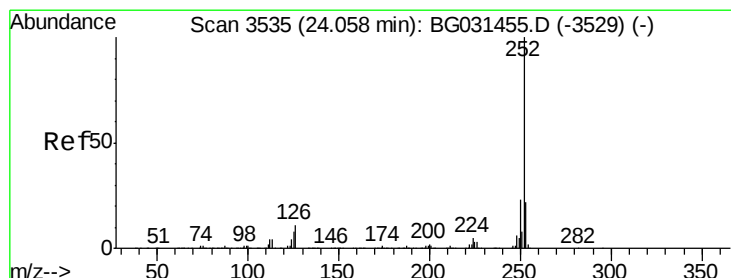
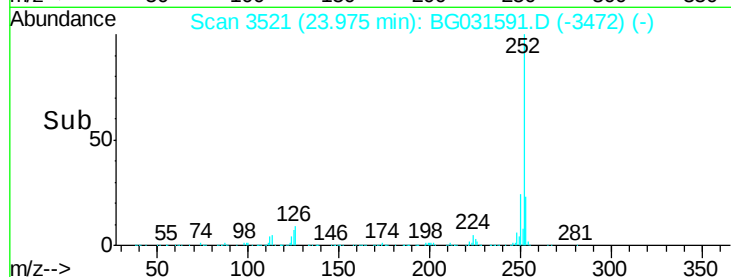
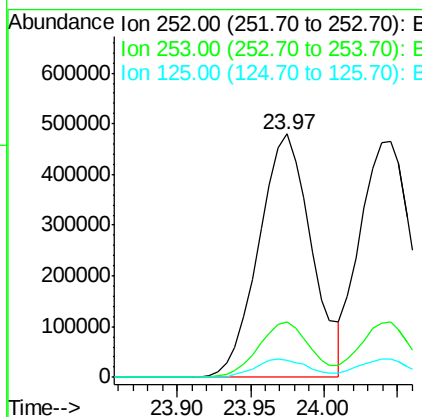
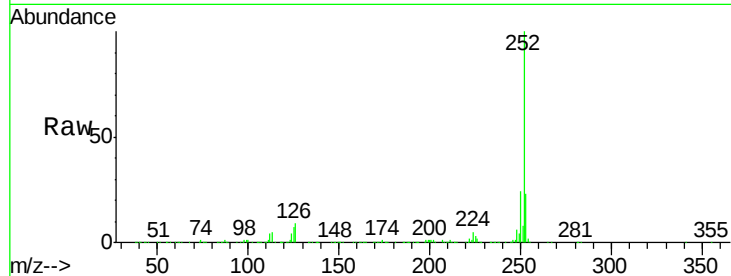
ClientSampleId :

SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.4
125	7.1	7.2	10.8

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#88

Benzo(k)fluoranthene

Concen: 40.791 ng

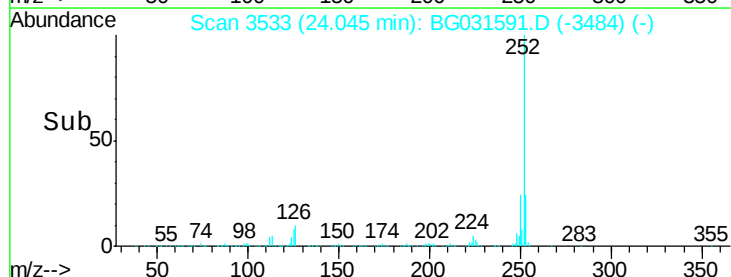
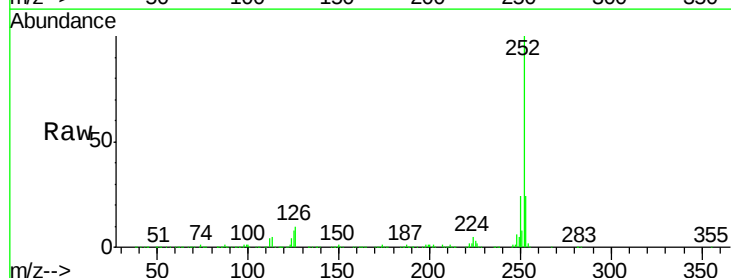
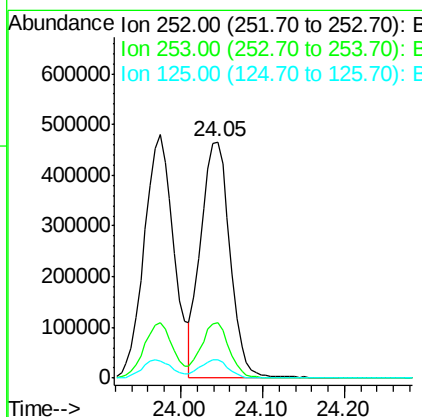
RT: 24.05 min Scan# 3533

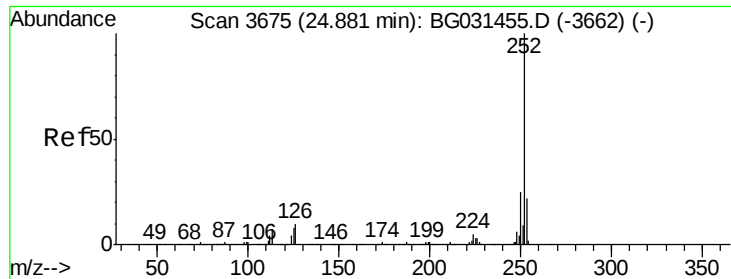
Delta R.T. -0.01 min

Lab File: BG031591.D

Acq: 15 Dec 2017 12:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.4	26.2
125	7.8	6.6	9.8





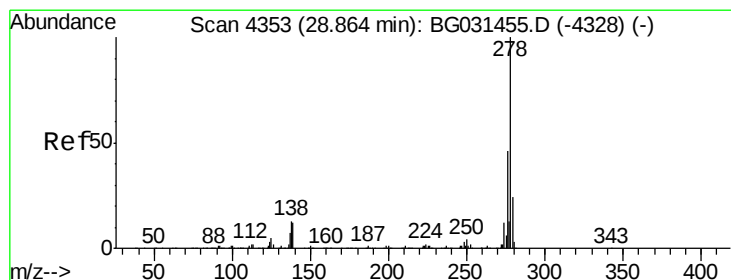
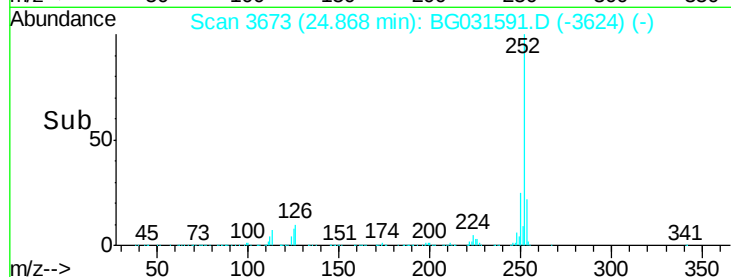
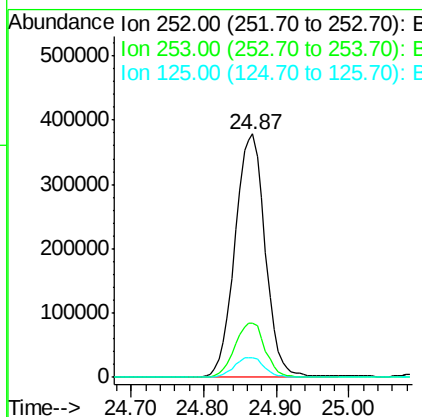
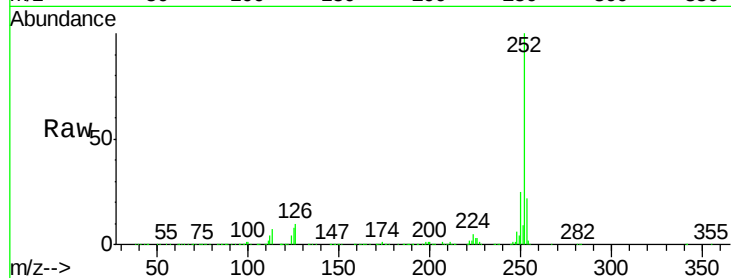
#89
Benzo(a)pyrene
Concen: 41.593 ng
RT: 24.87 min Scan# 3673
Delta R.T. -0.01 min
Lab File: BG031591.D
Acq: 15 Dec 2017 12:07

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.3	27.5
125	8.1	7.3	10.9

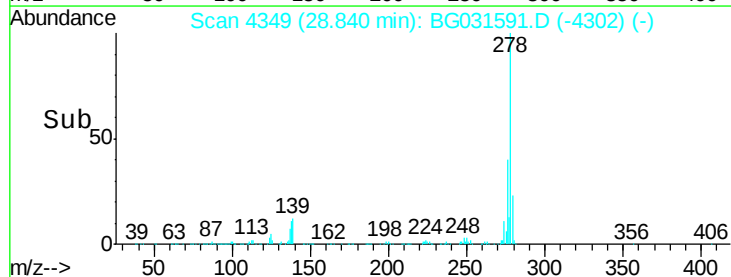
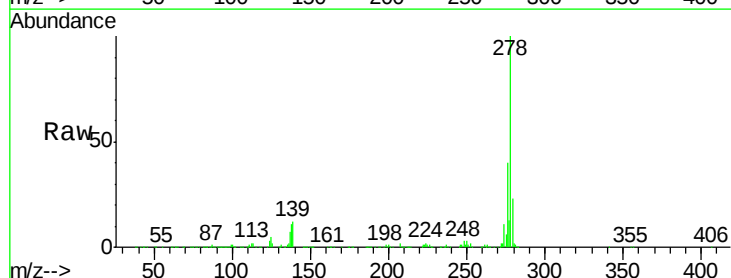
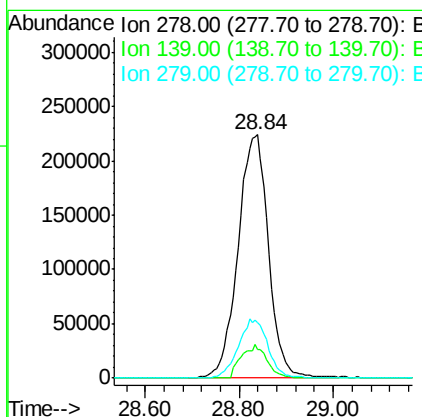
Manual Integrations
APPROVED

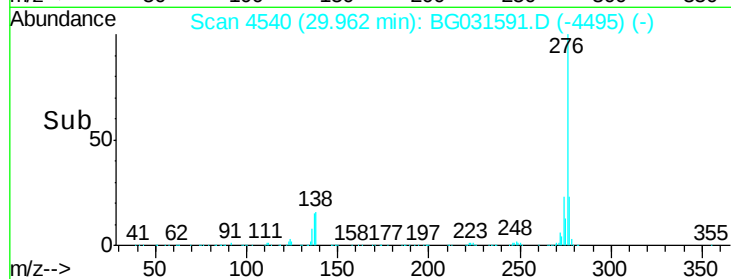
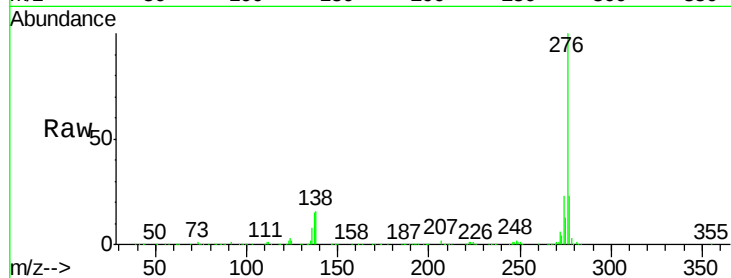
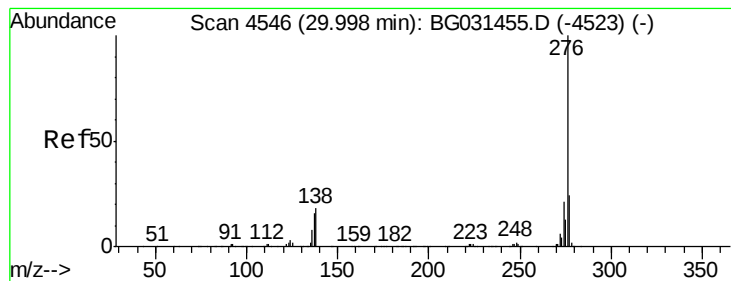
Sohil
12/15/2017 6:47:10 PM



#90
Dibenzo(a,h)anthracene
Concen: 39.887 ng
RT: 28.84 min Scan# 4349
Delta R.T. -0.02 min
Lab File: BG031591.D
Acq: 15 Dec 2017 12:07

Tgt Ion	Ratio	Lower	Upper
278	100		
139	11.5	9.8	14.6
279	22.7	18.4	27.6





#91

Benzo(g,h,i)perylene

Concen: 39.175 ng

RT: 29.96 min Scan# 4540

Delta R.T. -0.04 min

Lab File: BG031591.D

Acq: 15 Dec 2017 12:07

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tgt Ion:	276	Resp:	970681
Ion Ratio	Lower	Upper	
276	100		
277	23.3	18.3	27.5
138	16.3	13.9	20.9

Manual Integrations
APPROVED

Sohil
12/15/2017 6:47:10 PM

