

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020618\
 Data File : BG032588.D
 Acq On : 7 Feb 2018 7:26
 Operator : SJ/JU
 Sample : J1455-08
 Misc : MDL-W-8 ppm
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LW-03-OW

Manual Integrations
 APPROVED

Sohil
 2/7/2018 4:15:06 PM

Quant Time: Feb 07 10:02:35 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 06 18:57:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.71	152	17773	20.00	ng	0.00
21) Naphthalene-d8	11.58	136	91032	20.00	ng	0.00
38) Acenaphthene-d10	15.34	164	63166	20.00	ng	0.00
63) Phenanthrene-d10	18.08	188	152005	20.00	ng	0.00
75) Chrysene-d12	22.40	240	203713	20.00	ng	0.00
86) Perylene-d12	26.07	264	215532	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.15	112	64301	72.67	ng	0.00
7) Phenol-d6	7.82	99	45136	38.23	ng	0.00
23) Nitrobenzene-d5	9.91	82	128838	88.40	ng	0.00
41) 2,4,6-Tribromophenol	16.82	330	176251	146.59	ng	0.00
44) 2-Fluorobiphenyl	13.97	172	480295	90.37	ng	0.00
78) Terphenyl-d14	20.61	244	877390	92.26	ng	0.00

Target Compounds

						Qvalue
4) n-Nitrosodimethylamine	4.39	42	67	0.160	ng	# 1
6) Aniline	7.88	93	62	0.042	ng	# 1
9) Benzaldehyde	7.81	77	136	0.223	ng	# 1
10) Phenol	7.86	94	829	0.739	ng	# 1
11) bis(2-Chloroethyl)ether	8.22	93	57	0.067	ng	# 1
12) 1,3-Dichlorobenzene	8.74	146	65	0.046	ng	# 26
13) 1,4-Dichlorobenzene	8.74	146	65	0.046	ng	# 1
14) 1,2-Dichlorobenzene	8.74	146	65	0.047	ng	# 1
16) 2,2'-oxybis(1-Chloropropan	9.60	45	65	0.080	ng	# 75
17) 2-Methylphenol	9.17	107	62	0.068	ng	# 13
20) 3+4-Methylphenols	9.17	107	62	0.049	ng	# 24
25) Isophorone	10.53	82	195	0.079	ng	# 69
27) 2,4-Dimethylphenol	10.83	122	56	0.046	ng	# 1
28) bis(2-Chloroethoxy)methane	10.96	93	929	0.683	ng	# 51
29) 2,4-Dichlorophenol	11.33	162	155	0.096	ng	# 23
33) 4-Chloroaniline	11.76	127	143	0.072	ng	# 1
35) Caprolactam	12.45	113	81	0.174	ng	# 37
36) 4-Chloro-3-methylphenol	12.84	107	666	0.433	ng	# 22
37) 2-Methylnaphthalene	13.21	142	7935m	2.124	ng	
45) 1,1'-Biphenyl	14.18	154	743	0.139	ng	# 73
46) 2-Chloronaphthalene	14.19	162	569	0.136	ng	# 46
47) 2-Nitroaniline	14.44	65	113	0.122	ng	# 32
48) Acenaphthylene	15.06	152	4138	0.654	ng	# 14
49) Dimethylphthalate	14.77	163	16018	2.750	ng	# 91
50) 2,6-Dinitrotoluene	14.94	165	1200	0.982	ng	# 27
51) Acenaphthene	15.40	154	14114	3.218	ng	# 93
52) 3-Nitroaniline	15.24	138	70	0.066	ng	# 1
54) Dibenzofuran	15.74	168	18693	2.880	ng	# 95
55) 4-Nitrophenol	15.52	139	583	0.729	ng	# 1
56) 2,4-Dinitrotoluene	15.64	165	1493	0.858	ng	# 55
57) Fluorene	16.38	166	24009	4.451	ng	# 99
58) 2,3,4,6-Tetrachlorophenol	15.63	232	57	0.031	ng	# 1
59) Diethylphthalate	16.11	149	2279	0.402	ng	# 1
60) 4-Chlorophenyl-phenylether	16.33	204	265	0.078	ng	# 1

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Manual Integrations
 APPROVED

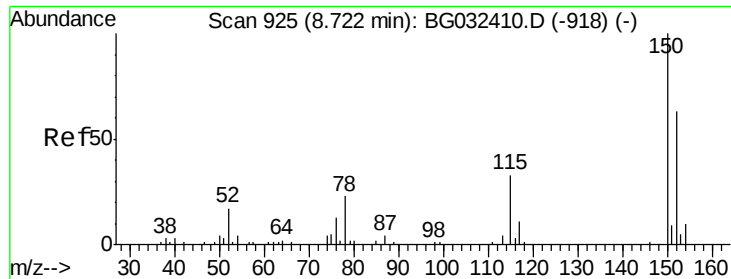
Sohil
 2/7/2018 4:15:06 PM

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

61) 4-Nitroaniline	16.33	138	84	0.073	nq	93
64) 4,6-Dinitro-2-methylphenol	16.58	198	59	0.052	nq	# 1
65) n-Nitrosodiphenylamine	16.57	169	3446	0.760	nq	# 78
68) Atrazine	17.51	200	326	0.167	nq	# 1
70) Phenanthrene	18.12	178	2319	0.274	nq	# 60
71) Anthracene	18.21	178	554	0.066	nq	# 11
72) Carbazole	18.48	167	5615	0.753	nq	# 86
73) Di-n-butylphthalate	18.98	149	1308	0.158	nq	# 1
74) Fluoranthene	20.08	202	853	0.077	nq	65
76) Benzydine	20.26	184	414	0.103	nq	# 1
77) Pyrene	20.44	202	203	0.016	nq	# 1
79) Butylbenzylphthalate	21.30	149	635	0.161	nq	# 18
80) Benzo(a)anthracene	22.38	228	1102	0.087	nq	# 27
81) 3,3'-Dichlorobenzidine	22.30	252	53	0.011	nq	# 26
82) Chrysene	22.45	228	186	0.015	nq	# 49
83) Bis(2-ethylhexyl)phthalate	22.21	149	950	0.170	nq	# 48
84) Di-n-octyl phthalate	23.58	149	505	0.057	nq	# 74
85) Indeno(1,2,3-cd)pyrene	30.14	276	59	0.004	nq	# 53
87) Benzo(b)fluoranthene	24.89	252	63	0.005	nq	# 59
88) Benzo(k)fluoranthene	25.06	252	56	0.004	nq	# 60
89) Benzo(a)pyrene	25.87	252	54	0.004	nq	# 59
91) Benzo(g,h,i)perylene	31.84	276	57	0.005	nq	# 56

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



#1

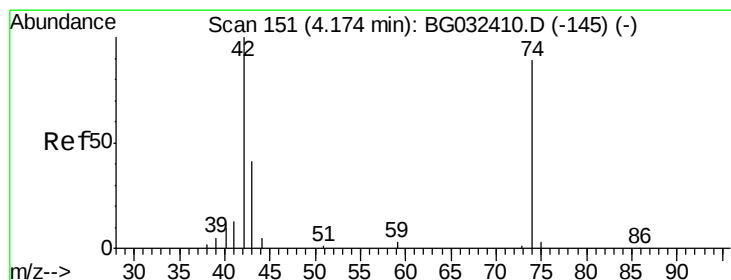
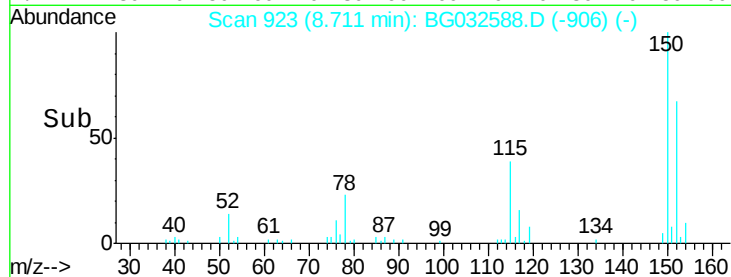
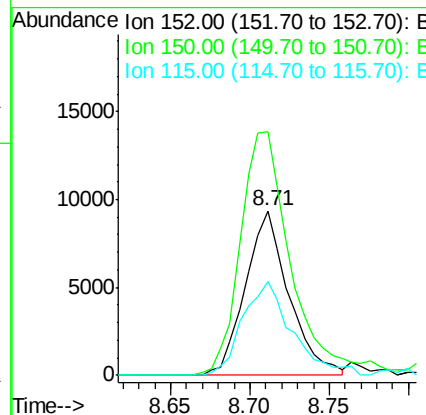
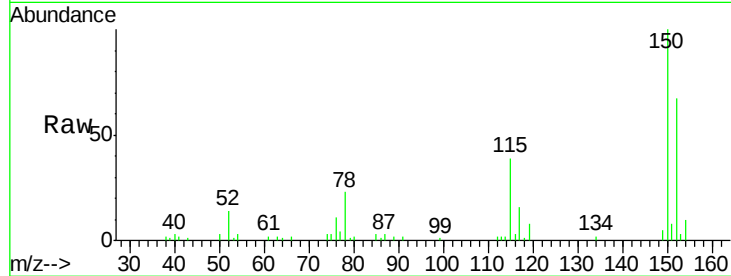
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.71 min Scan# 923
Delta R.T. 0.00 min
Lab File: BG032588.D
Acq: 7 Feb 2018 7:26

Instrument :
BNA_G
ClientSampleId :
LW-03-OW

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.2	126.6	189.8
115	57.1	53.0	79.4

Manual Integrations
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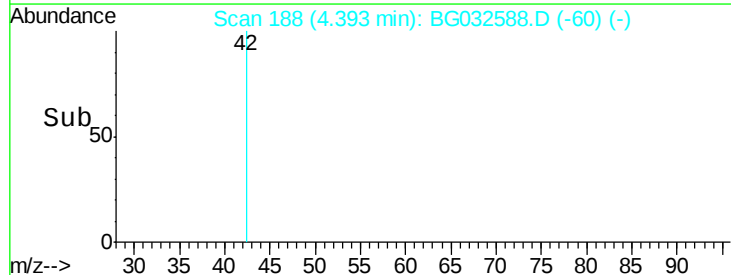
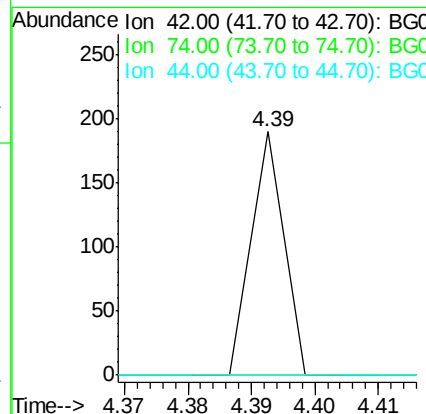
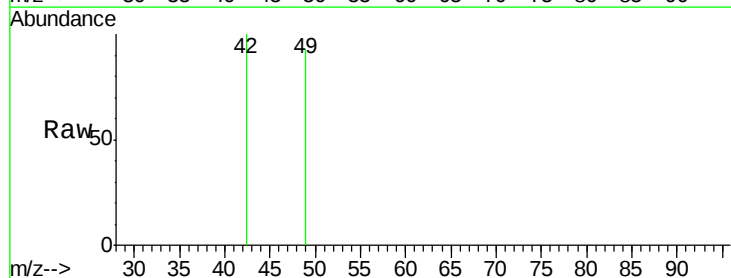
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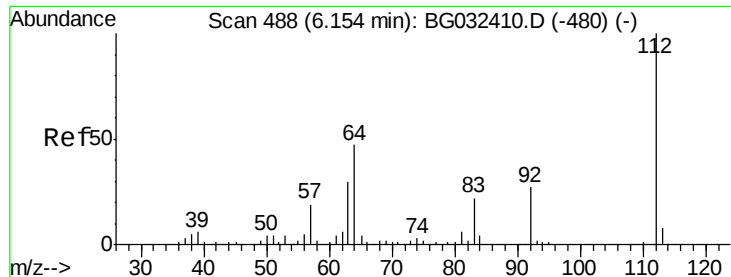


#4

n-Nitrosodimethylamine
Concen: 0.160 ng
RT: 4.39 min Scan# 188
Delta R.T. 0.22 min
Lab File: BG032588.D
Acq: 7 Feb 2018 7:26

Tgt Ion	Ratio	Lower	Upper
42	100		
74	0.0	102.5	153.7#
44	0.0	18.9	28.3#





#5

2-Fluorophenol

Concen: 72.668 ng

RT: 6.15 min Scan# 487

Delta R.T. 0.01 min

Lab File: BG032588.D

Acq: 7 Feb 2018 7:26

Instrument :

BNA_G

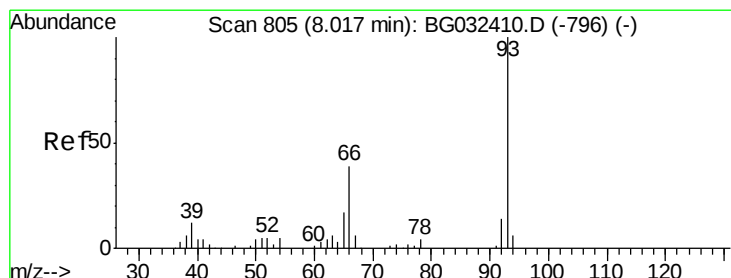
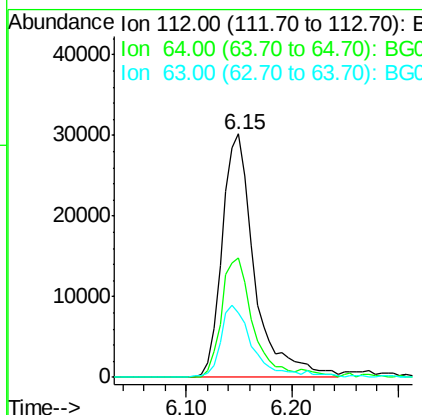
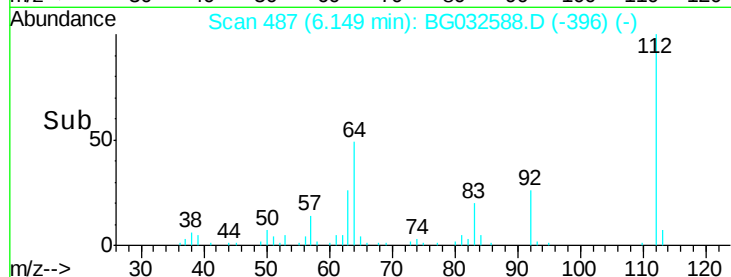
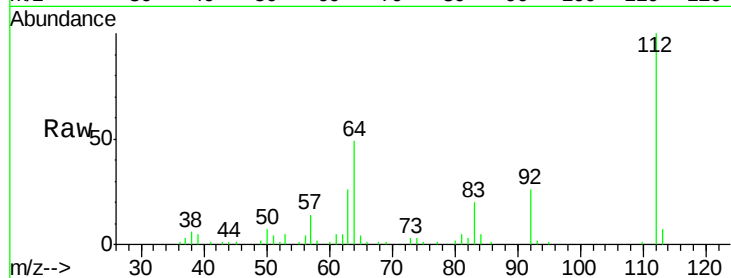
ClientSampleId :

LW-03-OW

Tot Ion:	112	Resp:	64301
Ion Ratio	Lower	Upper	
112	100		
64	49.0	56.3	84.5#
63	26.2	30.1	45.1#

Manual Integrations
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#6

Aniline

Concen: 0.042 ng

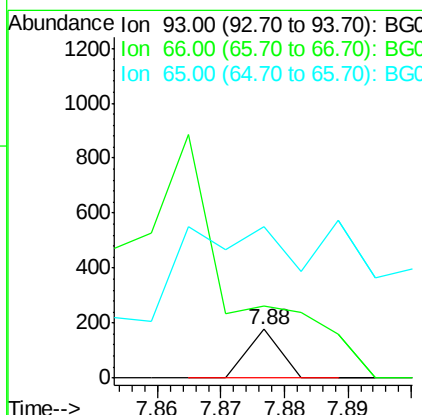
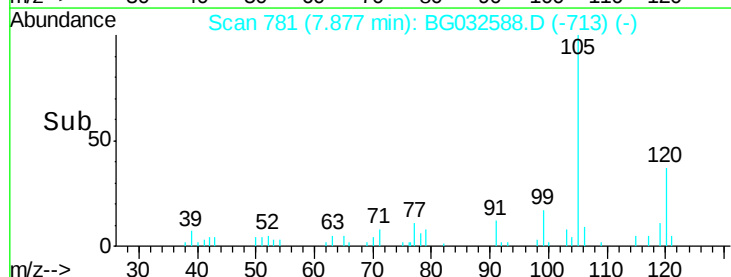
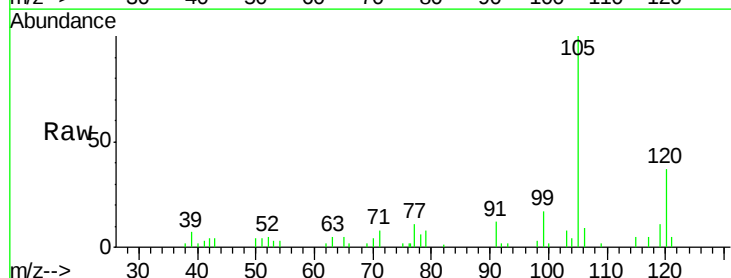
RT: 7.88 min Scan# 781

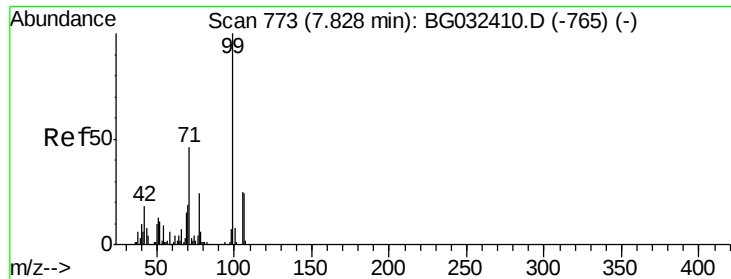
Delta R.T. -0.13 min

Lab File: BG032588.D

Acq: 7 Feb 2018 7:26

Tgt Ion:	93	Resp:	62
Ion Ratio	Lower	Upper	
93	100		
66	148.0	33.7	50.5#
65	311.9	16.1	24.1#





#7

Phenol-d6

Concen: 38.226 ng

RT: 7.82 min Scan# 772

Delta R.T. 0.00 min

Lab File: BG032588.D

Acq: 7 Feb 2018 7:26

Instrument :

BNA_G

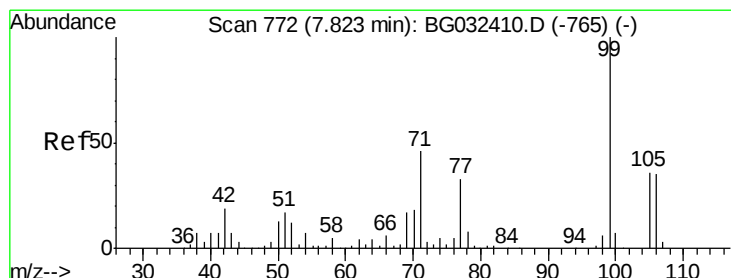
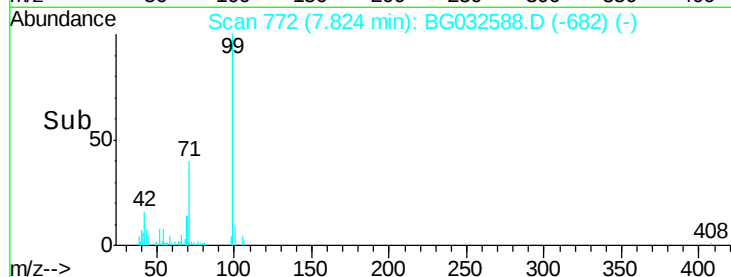
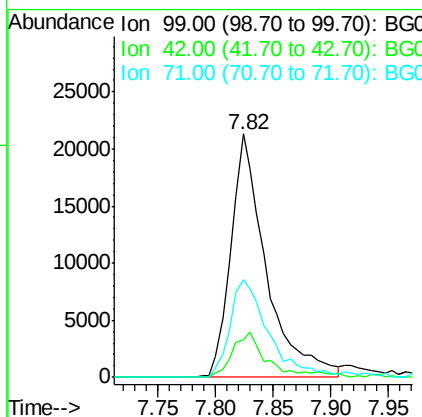
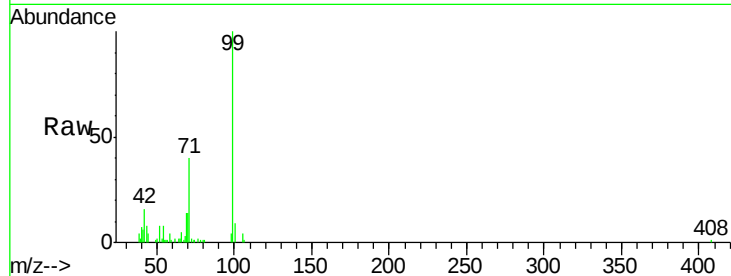
ClientSampled :

LW-03-OW

Tot Ion:	99	Resp:	45136
Ion Ratio	Lower	Upper	
99	100		
42	15.6	14.1	21.1
71	40.0	26.1	39.1#

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#9

Benzaldehyde

Concen: 0.223 ng

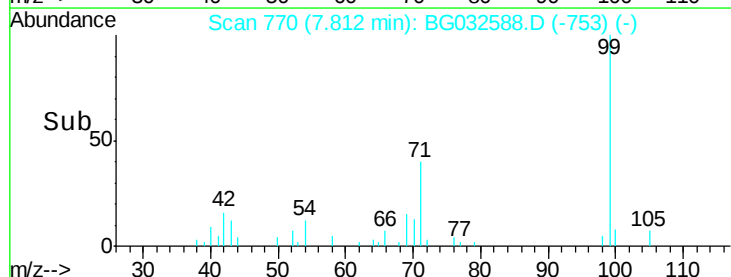
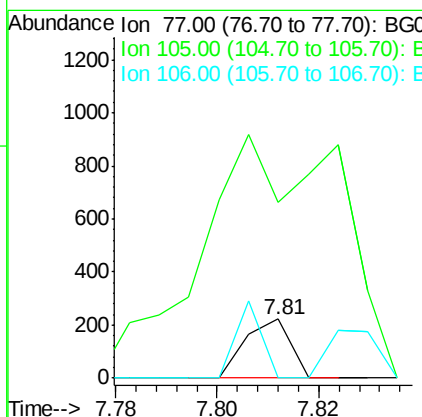
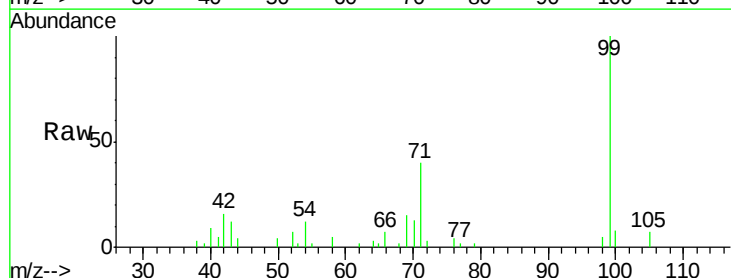
RT: 7.81 min Scan# 770

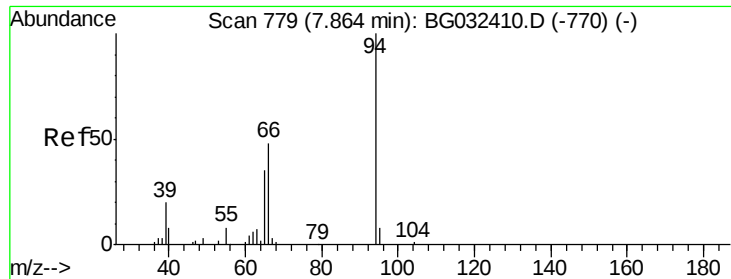
Delta R.T. 0.00 min

Lab File: BG032588.D

Acq: 7 Feb 2018 7:26

Tgt Ion:	77	Resp:	136
Ion Ratio	Lower	Upper	
77	100		
105	300.5	71.3	111.3#
106	0.0	64.2	104.2#





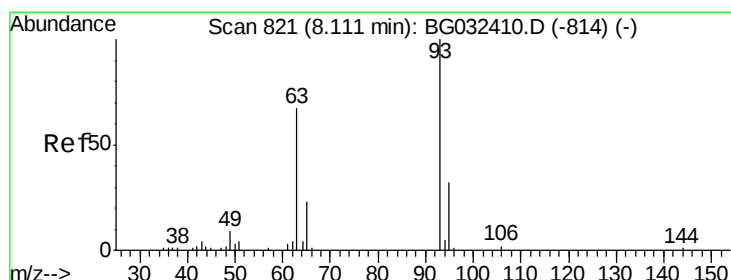
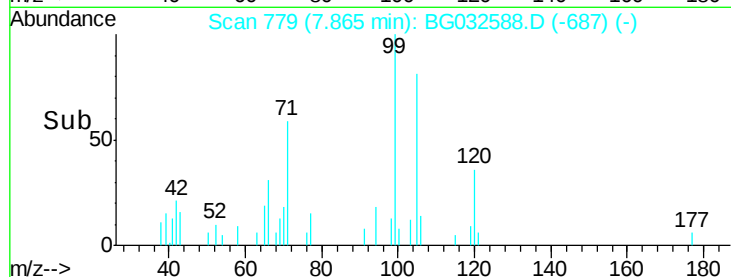
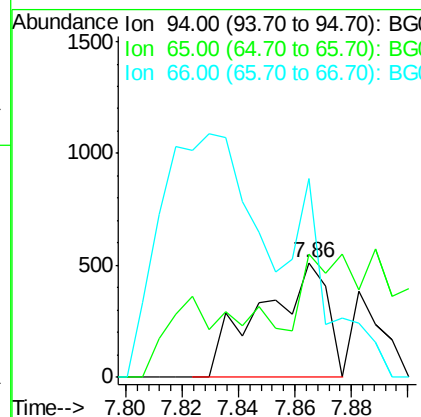
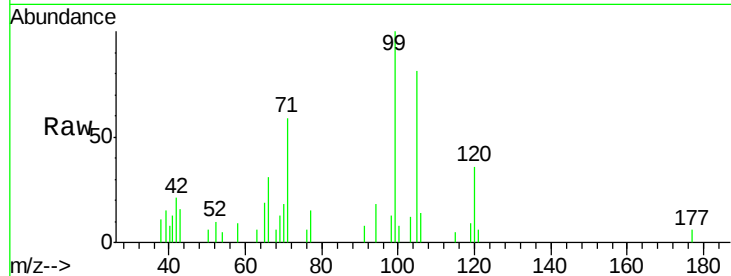
#10
Phenol
Concen: 0.739 ng
RT: 7.86 min Scan# 779
Delta R.T. 0.01 min
Lab File: BG032588.D
Acq: 7 Feb 2018 7:26

Instrument :
BNA_G
ClientSampled :
LW-03-OW

Tot Ion	Ratio	Lower	Upper
94	100		
65	107.6	11.9	51.9#
66	173.4	22.2	62.2#

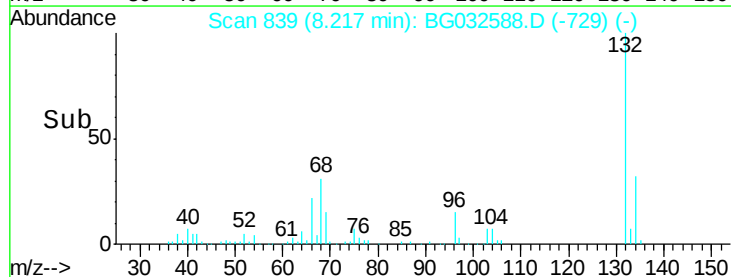
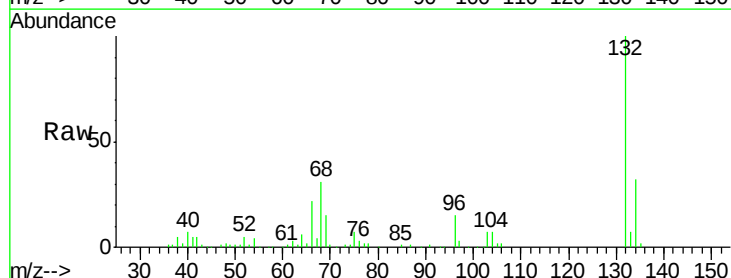
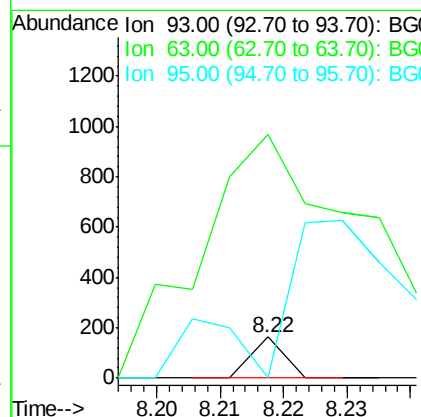
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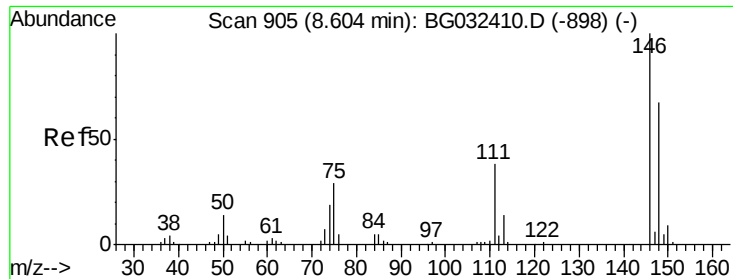
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#11
bis(2-Chloroethyl)ether
Concen: 0.067 ng
RT: 8.22 min Scan# 839
Delta R.T. 0.12 min
Lab File: BG032588.D
Acq: 7 Feb 2018 7:26

Tgt Ion	Ratio	Lower	Upper
93	100		
63	597.5	67.1	107.1#
95	0.0	11.5	51.5#





#12

1,3-Dichlorobenzene

Concen: 0.046 ng

RT: 8.74 min Scan# 928

Delta R.T. 0.15 min

Lab File: BG032588.D

Acq: 7 Feb 2018 7:26

Instrument :

BNA_G

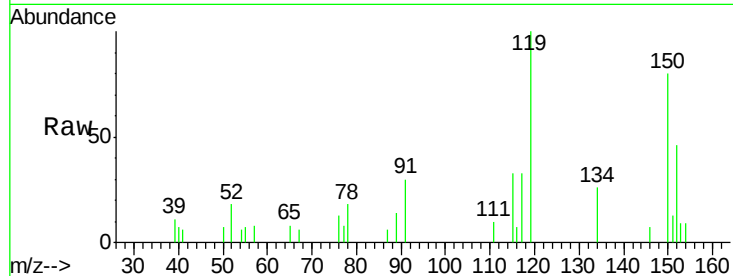
ClientSampled :

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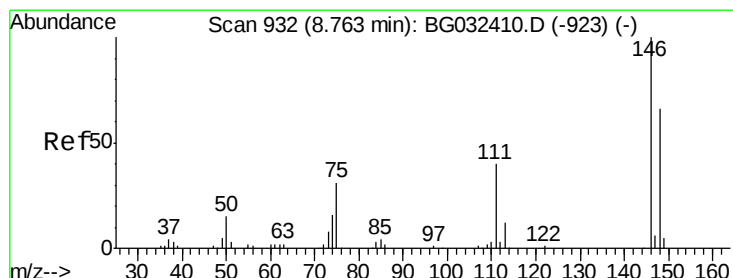
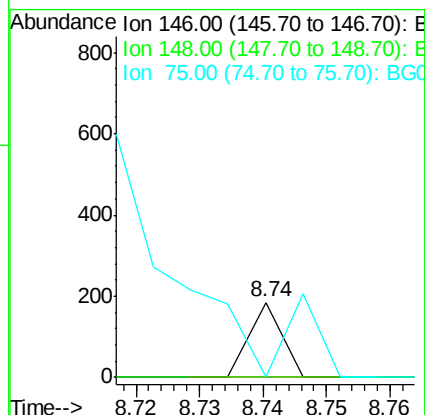
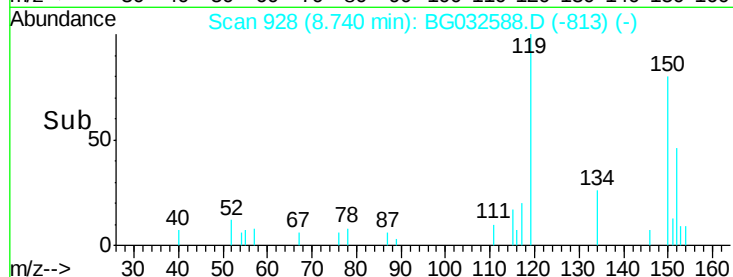
Tot Ion:	146	Resp:	65
Ion Ratio	Lower	Upper	
146	100		
148	0.0	51.4	77.2#
75	0.0	26.6	39.8#

Manual Integrations
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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): B



#13

1,4-Dichlorobenzene

Concen: 0.046 ng

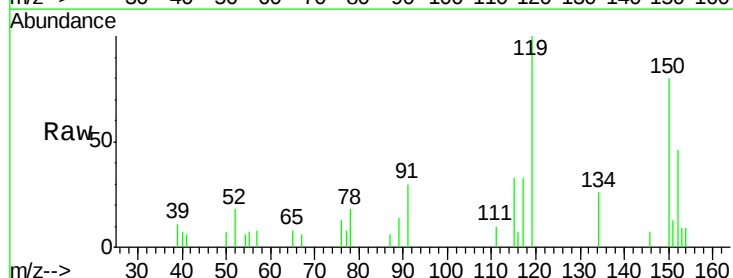
RT: 8.74 min Scan# 928

Delta R.T. -0.01 min

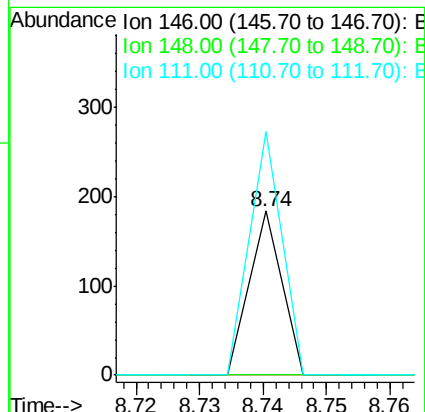
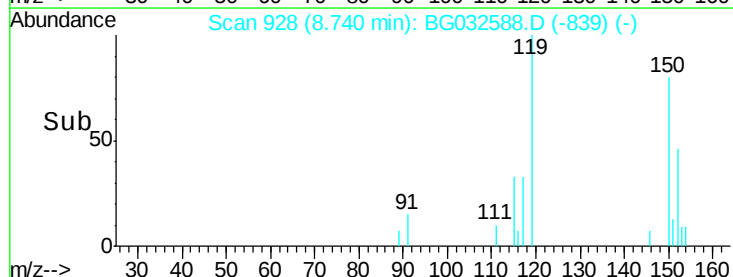
Lab File: BG032588.D

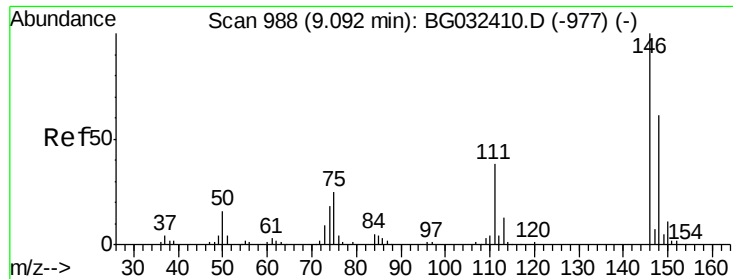
Acq: 7 Feb 2018 7:26

Tgt Ion:	146	Resp:	65
Ion Ratio	Lower	Upper	
146	100		
148	0.0	53.7	80.5#
111	148.4	35.2	52.8#



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 0.047 ng

RT: 8.74 min Scan# 928

Delta R.T. -0.33 min

Lab File: BG032588.D

Acq: 7 Feb 2018 7:26

Instrument :

BNA_G

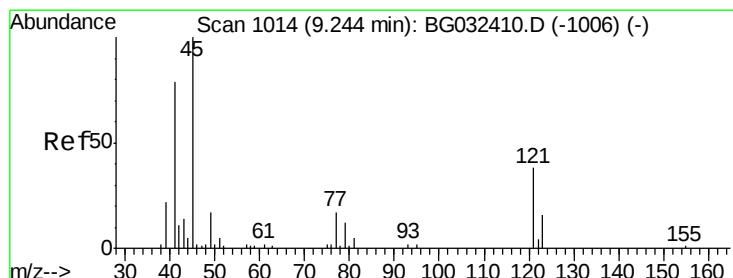
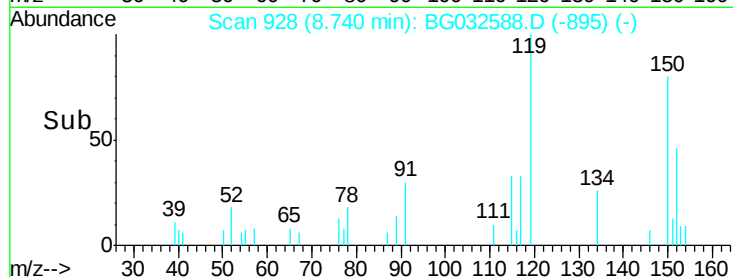
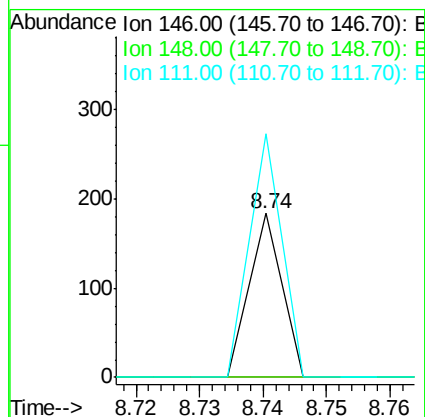
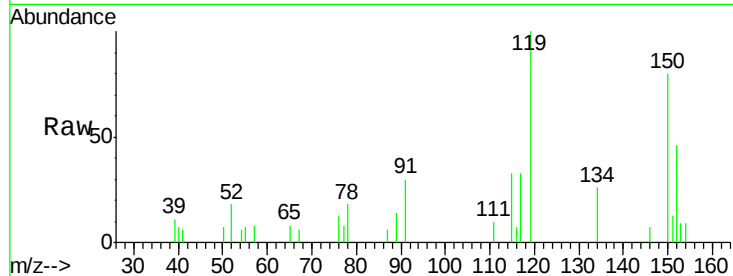
ClientSampled :

LW-03-OW

Tot Ion:	146	Resp:	65
Ion Ratio	Lower	Upper	
146	100		
148	0.0	49.3	73.9#
111	148.4	34.3	51.5#

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.080 ng

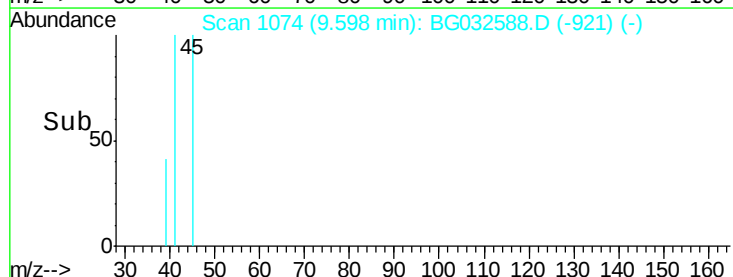
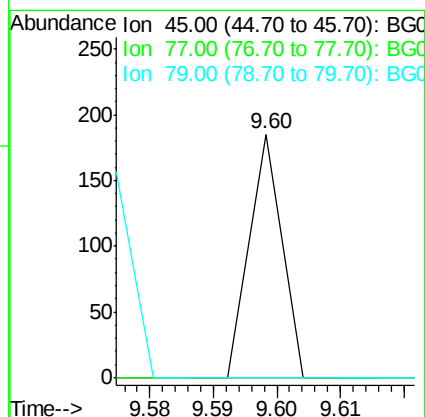
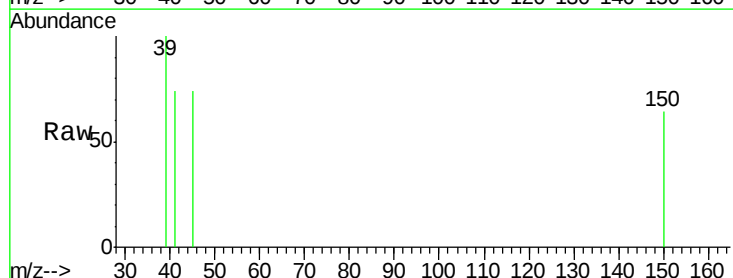
RT: 9.60 min Scan# 1074

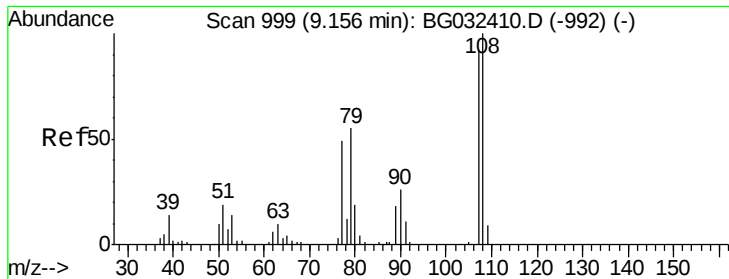
Delta R.T. 0.37 min

Lab File: BG032588.D

Acq: 7 Feb 2018 7:26

Tgt Ion:	45	Resp:	65
Ion Ratio	Lower	Upper	
45	100		
77	0.0	0.0	30.2
79	0.0	0.0	27.9





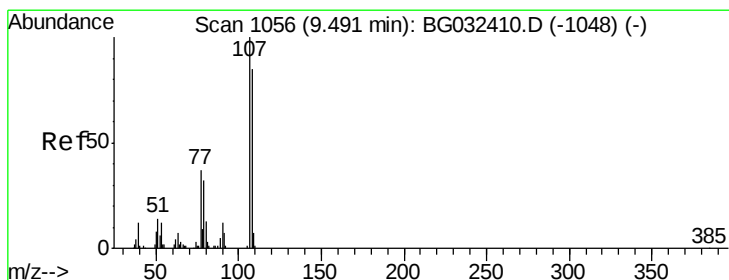
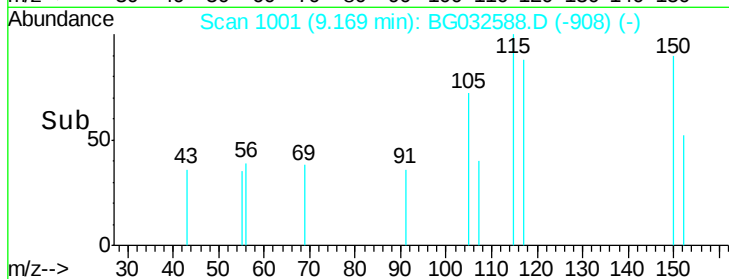
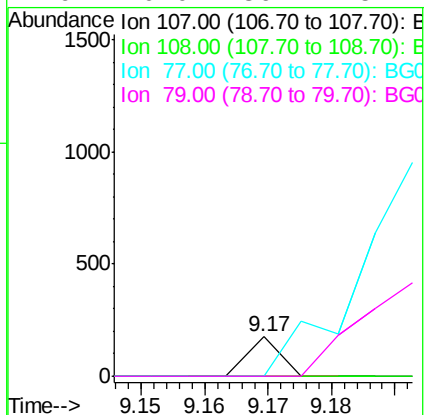
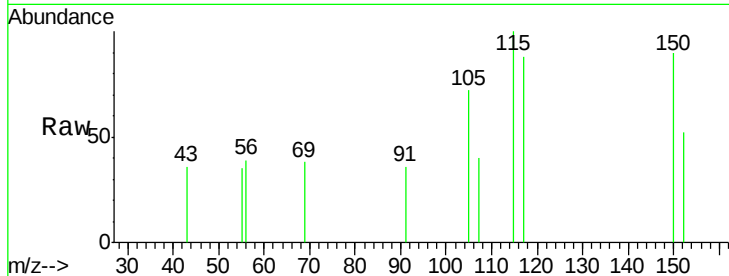
#17
2-Methylphenol
Concen: 0.068 ng
RT: 9.17 min Scan# 1001
Delta R.T. 0.02 min
Lab File: BG032588.D
Acq: 7 Feb 2018 7:26

Instrument :
BNA_G
ClientSampled :
LW-03-OW

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	0.0	83.9	125.9#	
77	0.0	37.2	55.8#	
79	0.0	36.2	54.2#	

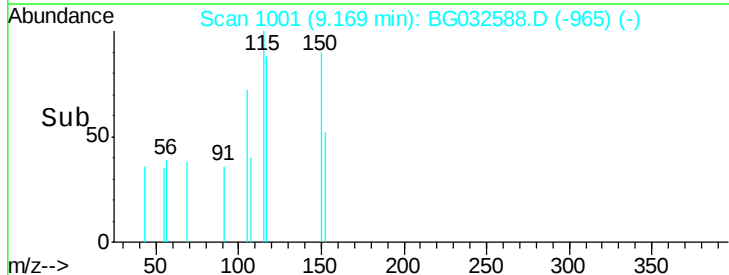
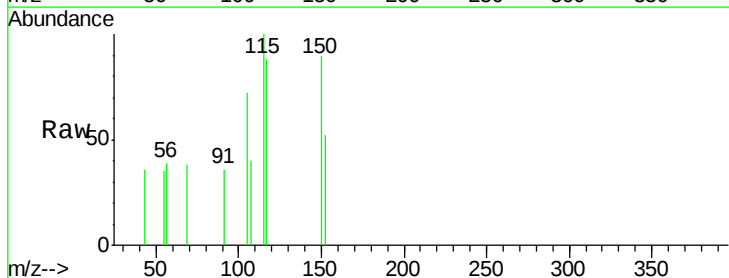
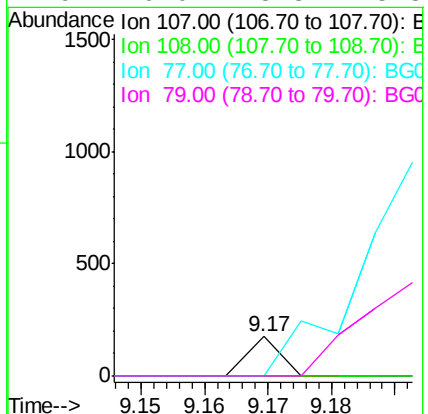
Manual Integrations
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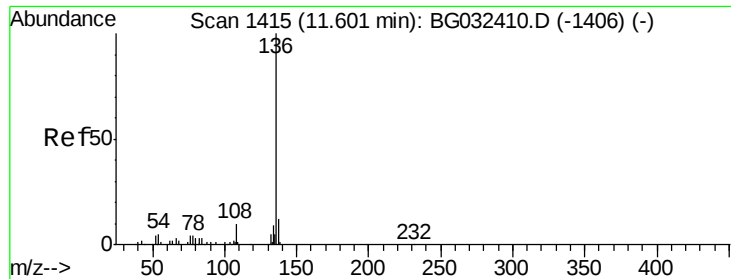
Sohil
2/7/2018 4:15:06 PM



#20
3+4-Methylphenols
Concen: 0.049 ng
RT: 9.17 min Scan# 1001
Delta R.T. -0.32 min
Lab File: BG032588.D
Acq: 7 Feb 2018 7:26

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	0.0	61.6	101.6#	
77	0.0	13.9	53.9#	
79	0.0	8.8	48.8#	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.58 min Scan# 1412

Delta R.T. 0.00 min

Lab File: BG032588.D

Acq: 7 Feb 2018 7:26

Instrument :

BNA_G

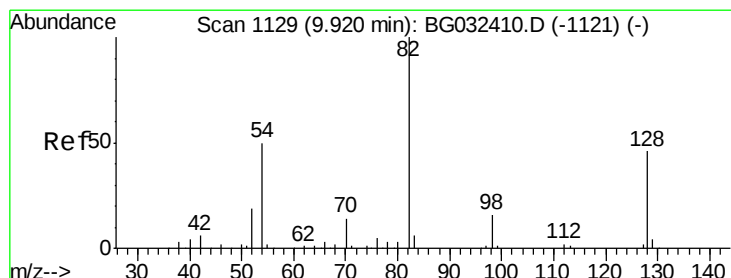
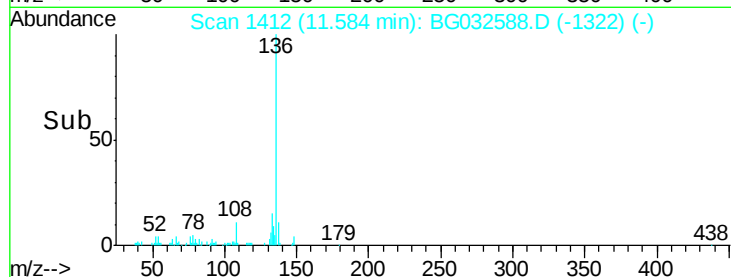
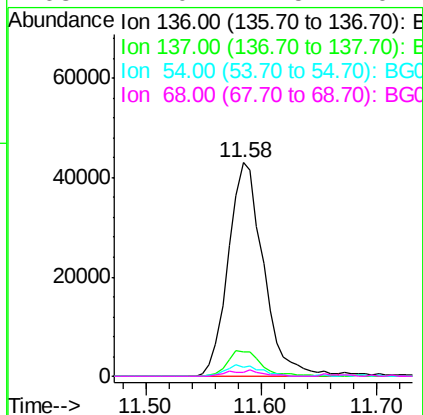
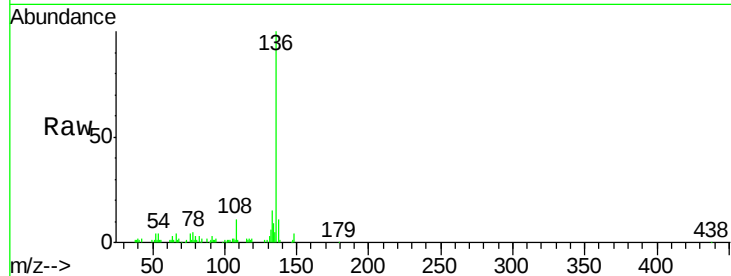
ClientSampleId :

LW-03-OW

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.2	13.8
54	4.3	10.3	15.5#
68	2.0	4.5	6.7#

Manual Integrations
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#23

Nitrobenzene-d5

Concen: 88.401 ng

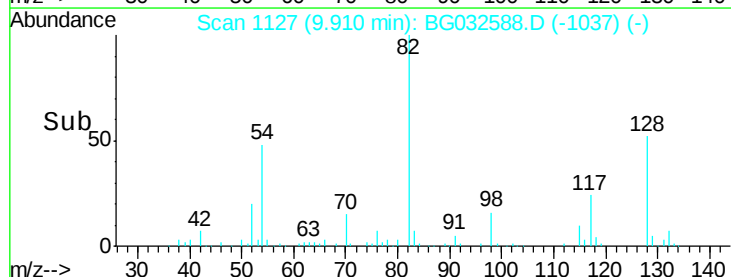
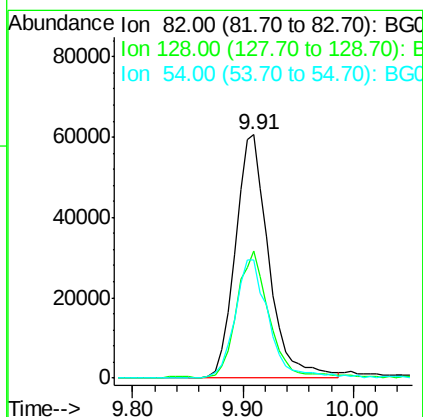
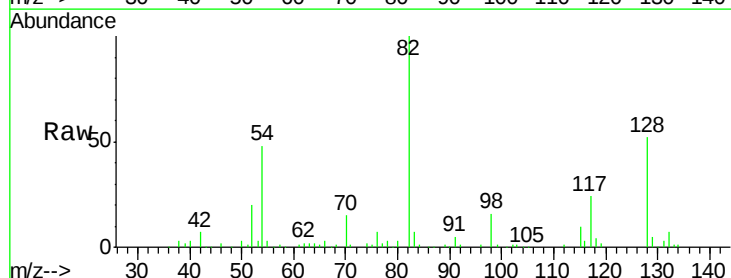
RT: 9.91 min Scan# 1127

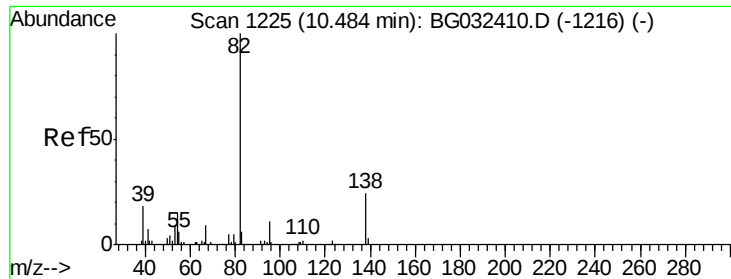
Delta R.T. 0.00 min

Lab File: BG032588.D

Acq: 7 Feb 2018 7:26

Tgt Ion	Ratio	Lower	Upper
82	100		
128	52.4	29.7	44.5#
54	48.4	43.1	64.7





#25

Isophorone

Concen: 0.079 ng

RT: 10.53 min Scan# 1232

Delta R.T. 0.06 min

Lab File: BG032588.D

Acq: 7 Feb 2018 7:26

Instrument :

BNA_G

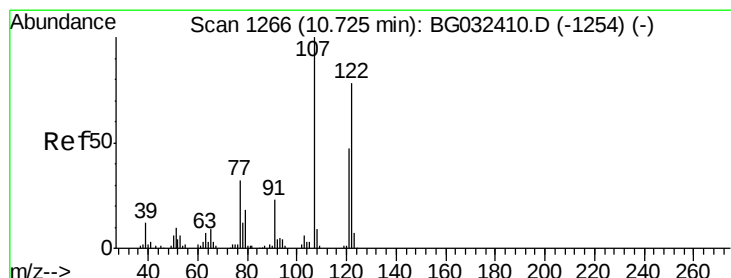
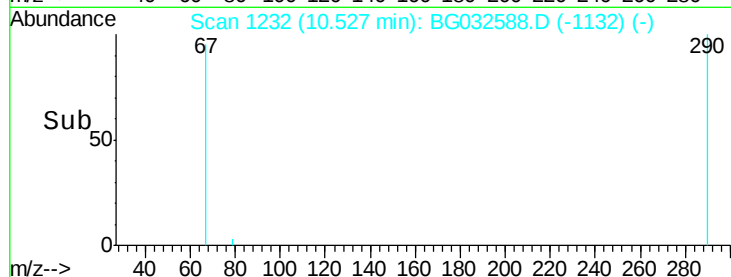
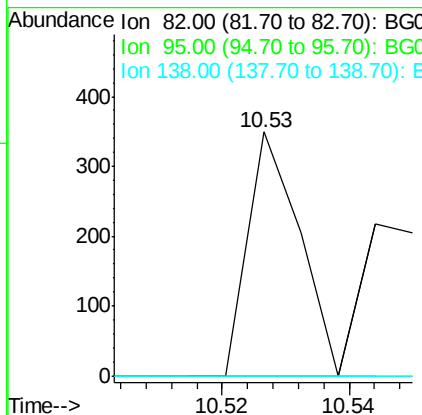
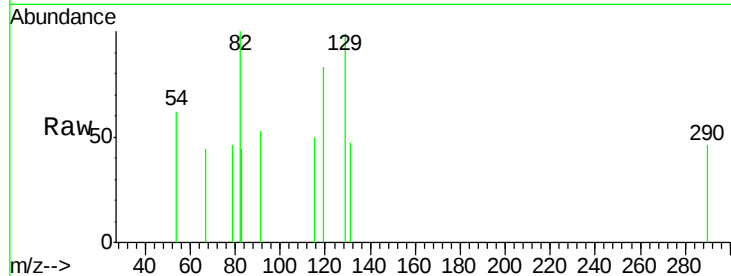
ClientSampleId :

LW-03-OW

Tot Ion:	82	Resp:	195
Ion Ratio	Lower	Upper	
82	100		
95	0.0	6.2	9.2#
138	0.0	12.1	18.1#

Manual Integrations
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#27

2,4-Dimethylphenol

Concen: 0.046 ng

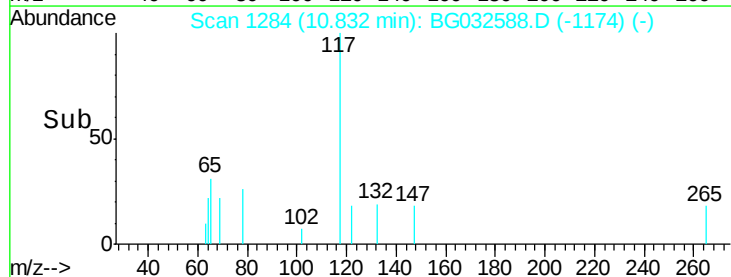
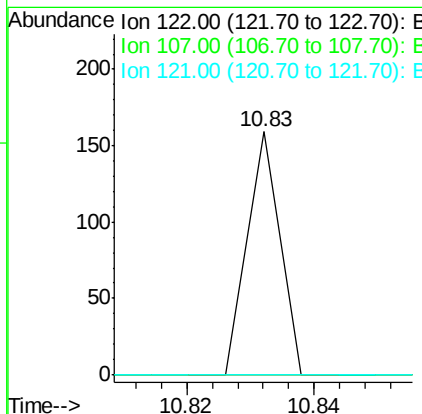
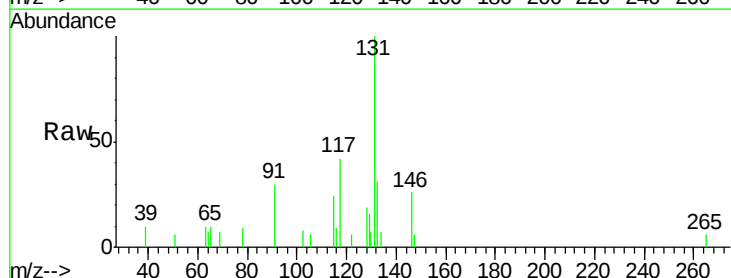
RT: 10.83 min Scan# 1284

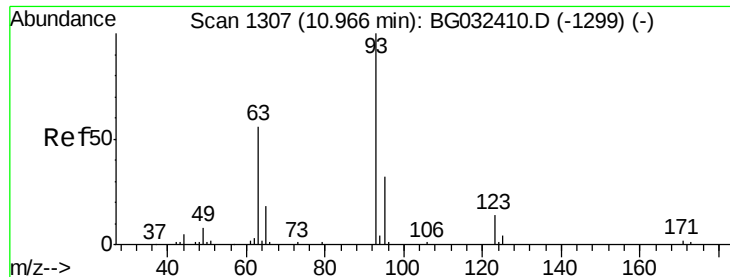
Delta R.T. 0.12 min

Lab File: BG032588.D

Acq: 7 Feb 2018 7:26

Tgt Ion:	122	Resp:	56
Ion Ratio	Lower	Upper	
122	100		
107	0.0	100.2	150.2#
121	0.0	44.4	66.6#





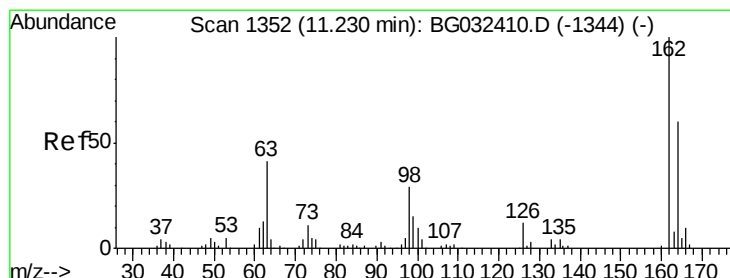
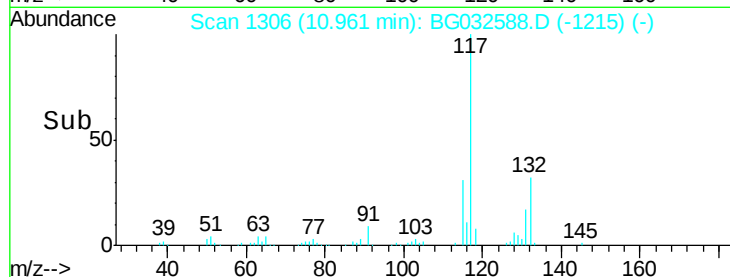
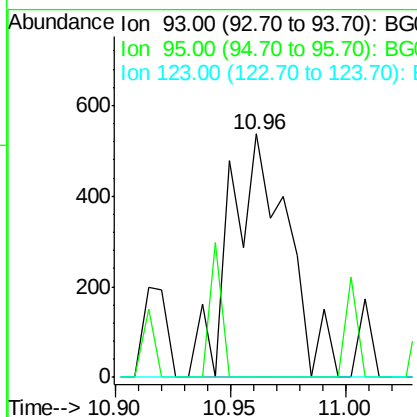
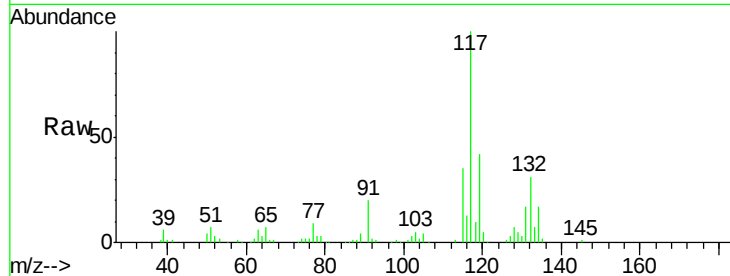
#28
bis(2-Chloroethoxy)methane
Concen: 0.683 ng
RT: 10.96 min Scan# 1306
Delta R.T. 0.01 min
Lab File: BG032588.D
Acq: 7 Feb 2018 7:26

Instrument :
BNA_G
ClientSampleId :
LW-03-OW

Tot Ion	Ratio	Lower	Upper
93	100		
95	0.0	24.3	36.5#
123	0.0	8.4	12.6#

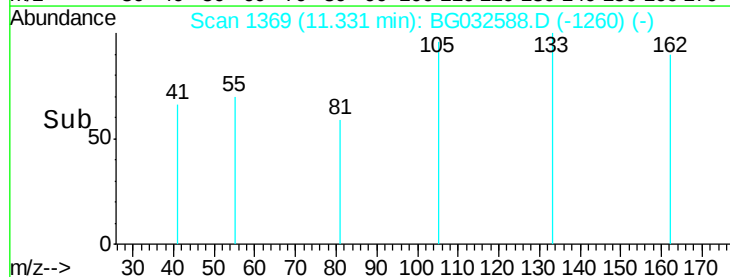
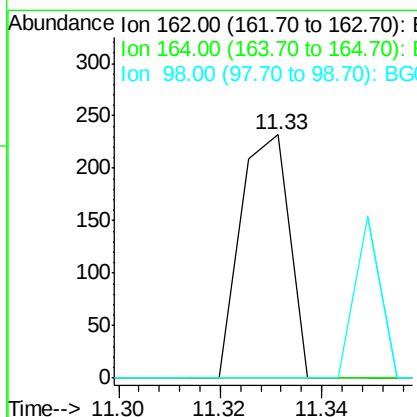
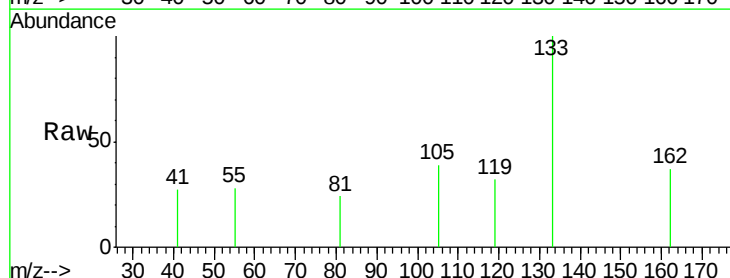
Manual Integrations
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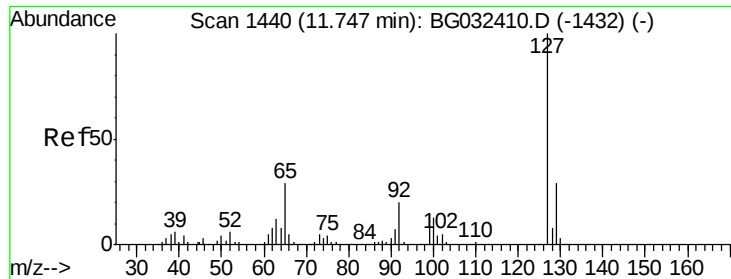
Sohil
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#29
2,4-Dichlorophenol
Concen: 0.096 ng
RT: 11.33 min Scan# 1369
Delta R.T. 0.11 min
Lab File: BG032588.D
Acq: 7 Feb 2018 7:26

Tgt Ion	Ratio	Lower	Upper
162	100		
164	0.0	48.0	88.0#
98	0.0	21.1	61.1#





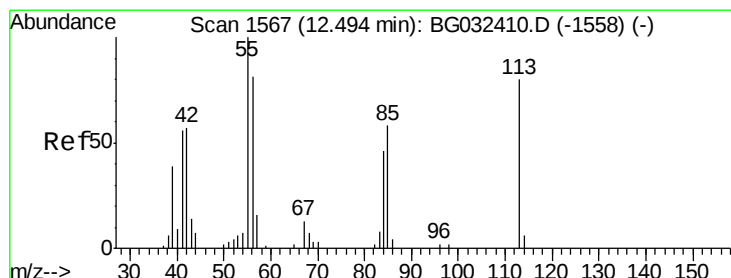
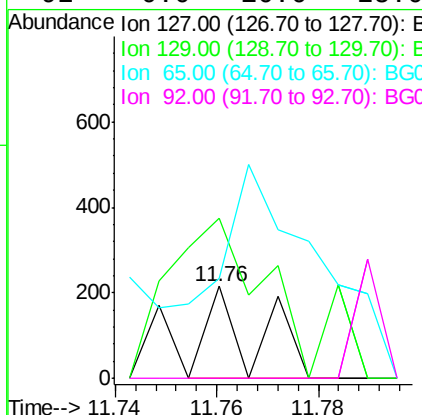
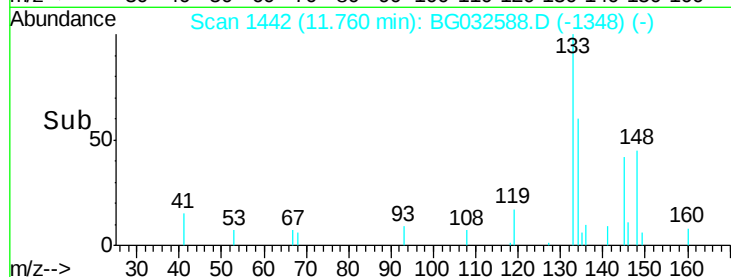
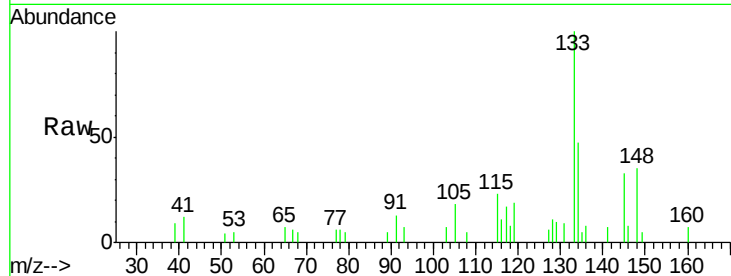
#33
4-Chloroaniline
Concen: 0.072 ng
RT: 11.76 min Scan# 1442
Delta R.T. 0.02 min
Lab File: BG032588.D
Acq: 7 Feb 2018 7:26

Instrument :
BNA_G
ClientSampleId :
LW-03-OW

Tot Ion	Ratio	Lower	Upper
127	100		
129	174.9	24.0	36.0#
65	109.3	27.0	40.4#
92	0.0	16.6	25.0#

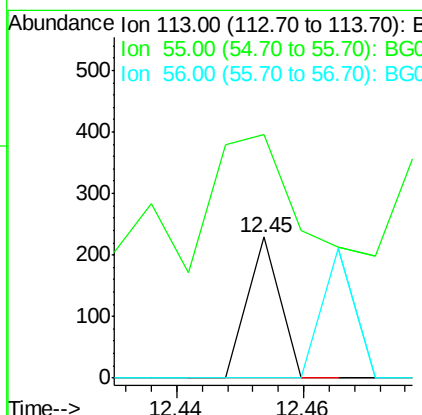
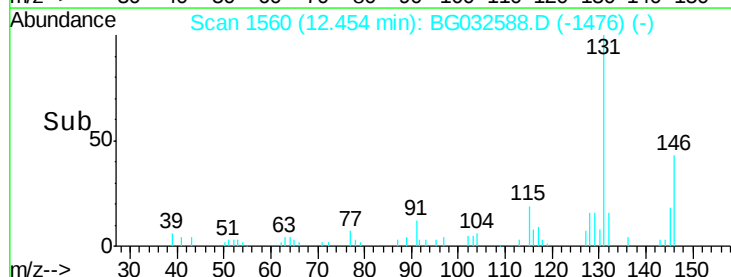
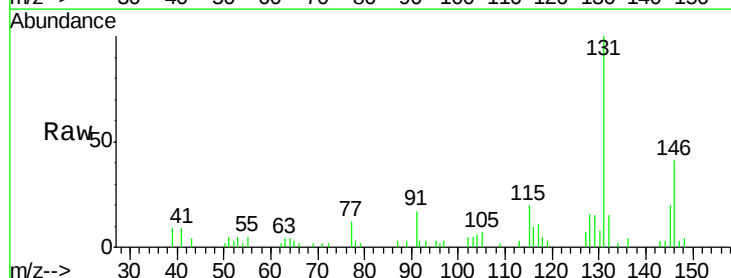
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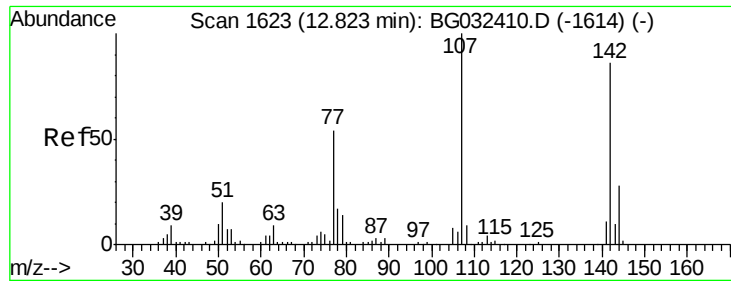
Sohil
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#35
Caprolactam
Concen: 0.174 ng
RT: 12.45 min Scan# 1560
Delta R.T. -0.03 min
Lab File: BG032588.D
Acq: 7 Feb 2018 7:26

Tgt Ion	Ratio	Lower	Upper
113	100		
55	172.9	186.9	226.9#
56	0.0	130.9	170.9#





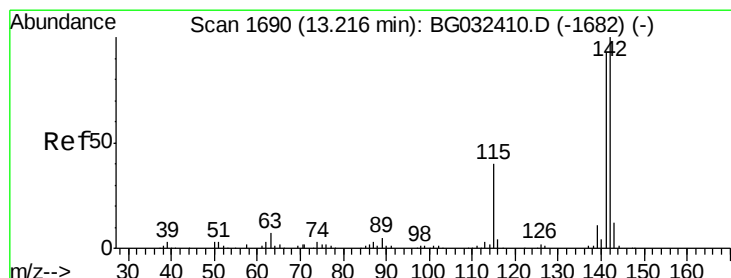
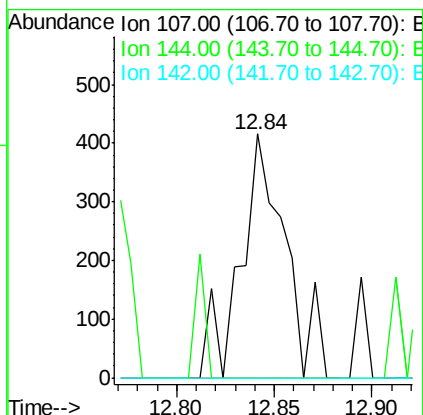
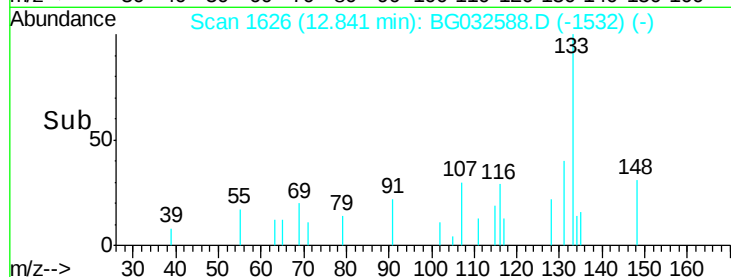
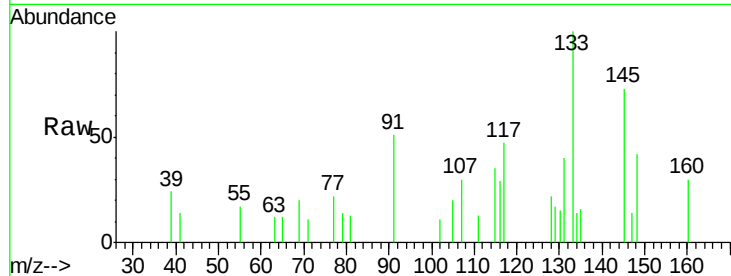
#36
4-Chloro-3-methylphenol
Concen: 0.433 ng
RT: 12.84 min Scan# 1626
Delta R.T. 0.02 min
Lab File: BG032588.D
Acq: 7 Feb 2018 7:26

Instrument :
BNA_G
ClientSampled :
LW-03-OW

Tot Ion	Ratio	Lower	Upper
107	100		
144	0.0	18.2	27.4#
142	0.0	59.0	88.4#

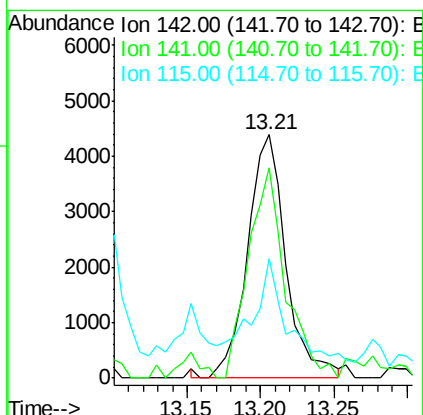
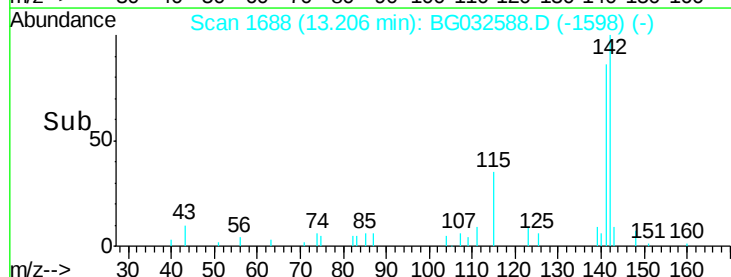
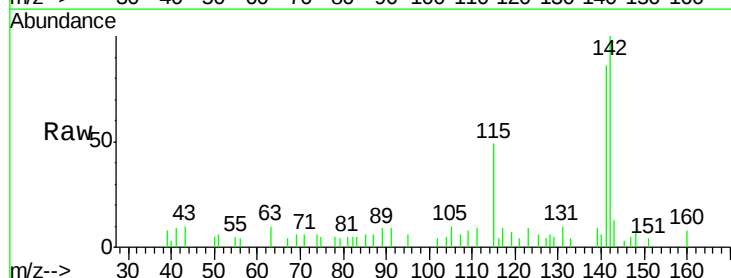
Manual Integrations
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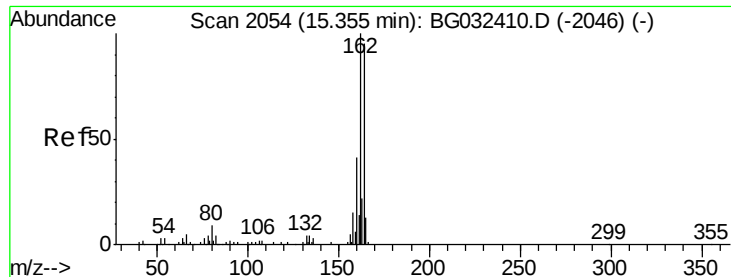
Sohil
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#37
2-Methylnaphthalene
Concen: 2.124 ng m
RT: 13.21 min Scan# 1688
Delta R.T. 0.00 min
Lab File: BG032588.D
Acq: 7 Feb 2018 7:26

Tgt Ion	Ratio	Lower	Upper
142	100		
141	86.2	67.1	100.7
115	49.1	30.7	46.1#





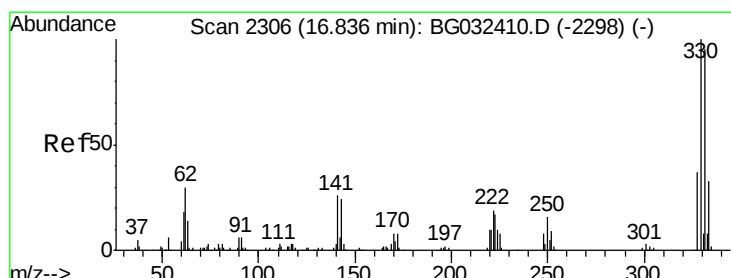
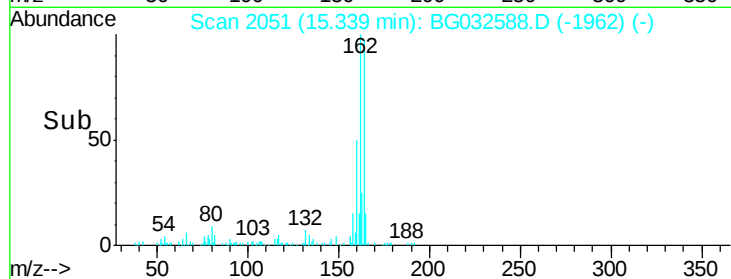
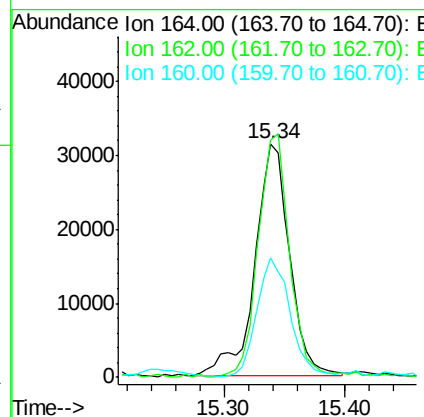
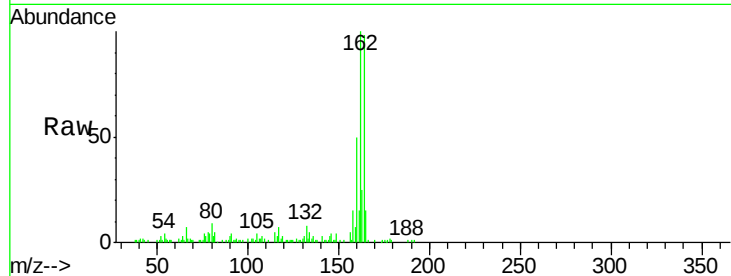
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.34 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BG032588.D
Acq: 7 Feb 2018 7:26

Instrument :
BNA_G
ClientSampleId :
LW-03-OW

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.6	78.8	118.2
160	51.0	35.4	53.0

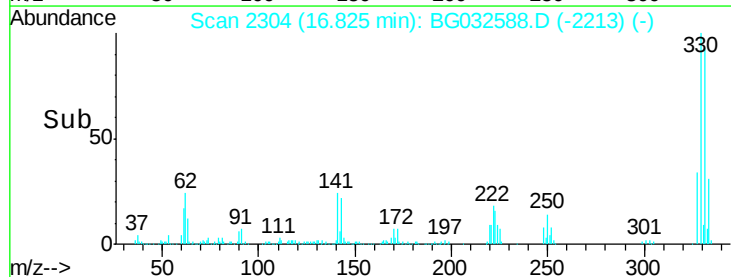
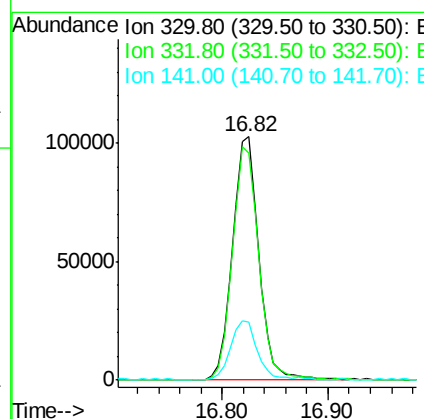
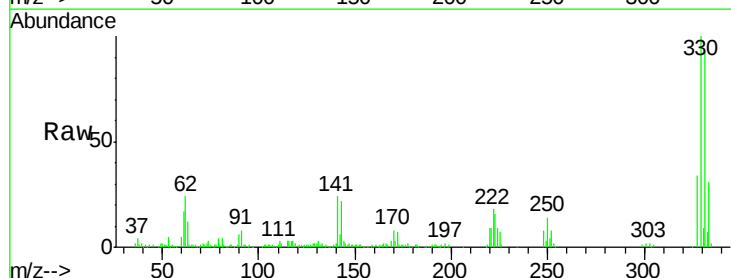
Manual Integrations
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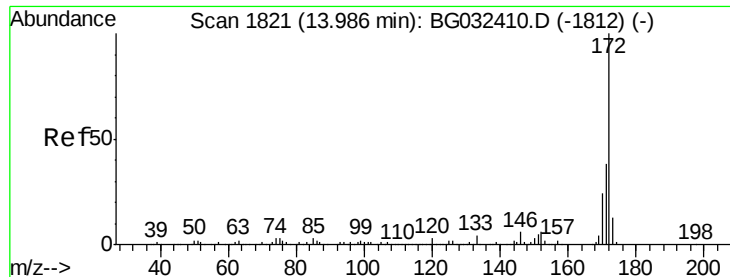
Sohil
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#41
2,4,6-Tribromophenol
Concen: 146.587 ng
RT: 16.82 min Scan# 2304
Delta R.T. 0.01 min
Lab File: BG032588.D
Acq: 7 Feb 2018 7:26

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	24.2	25.2	37.8#





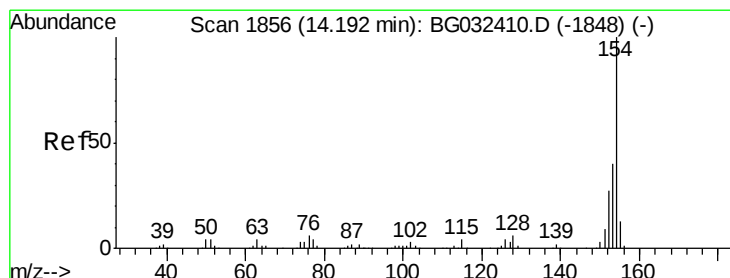
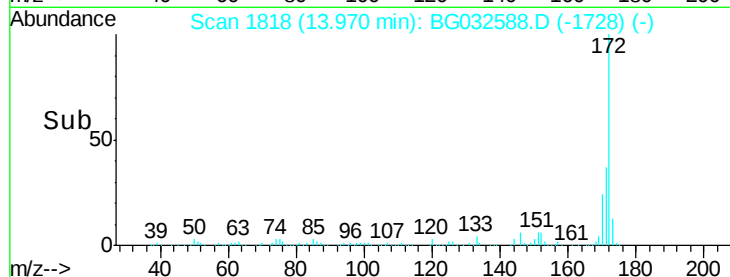
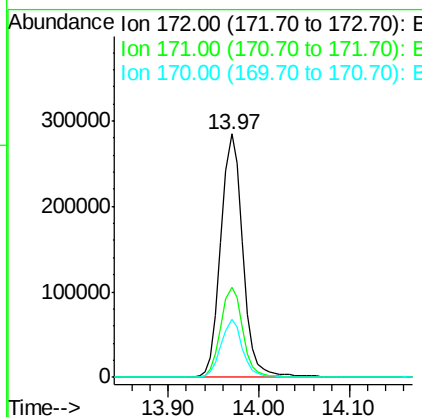
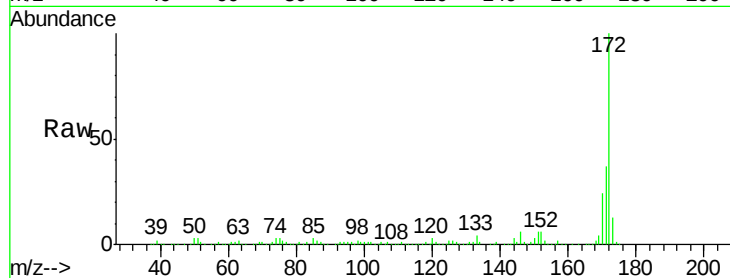
#44
2-Fluorobiphenyl
Concen: 90.375 ng
RT: 13.97 min Scan# 1818
Delta R.T. 0.00 min
Lab File: BG032588.D
Acq: 7 Feb 2018 7:26

Instrument :
BNA_G
ClientSampleId :
LW-03-OW

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.1	30.0	45.0
170	23.8	19.5	29.3

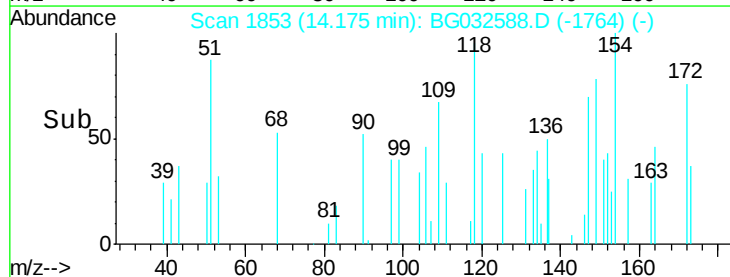
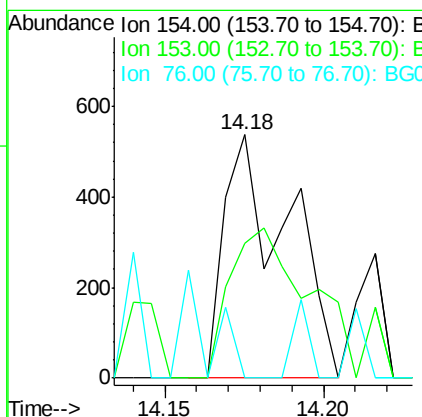
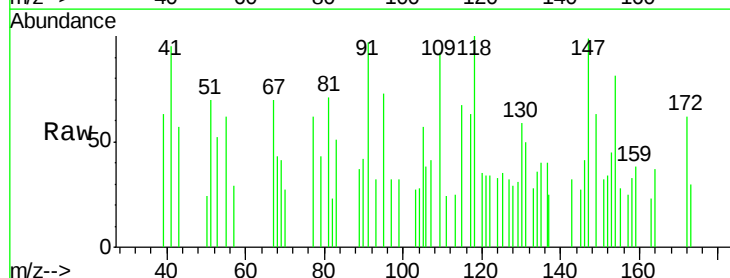
Manual Integrations
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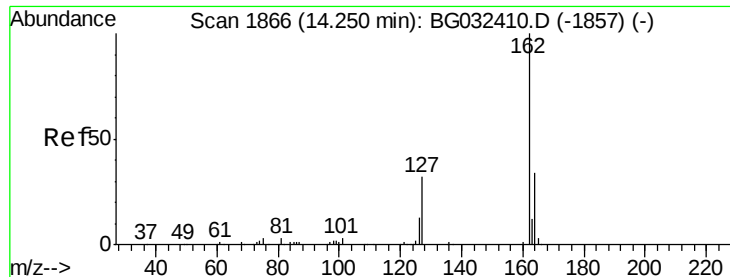
Sohil
2/7/2018 4:15:06 PM



#45
1,1'-Biphenyl
Concen: 0.139 ng
RT: 14.18 min Scan# 1853
Delta R.T. -0.01 min
Lab File: BG032588.D
Acq: 7 Feb 2018 7:26

Tgt Ion	Ratio	Lower	Upper
154	100		
153	55.6	19.8	59.8
76	0.0	0.0	31.9





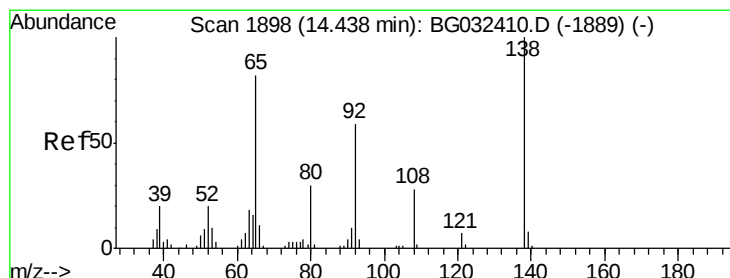
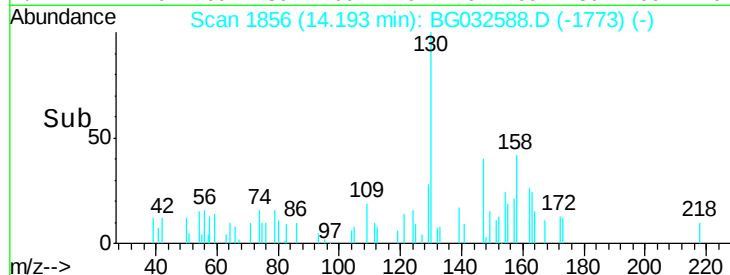
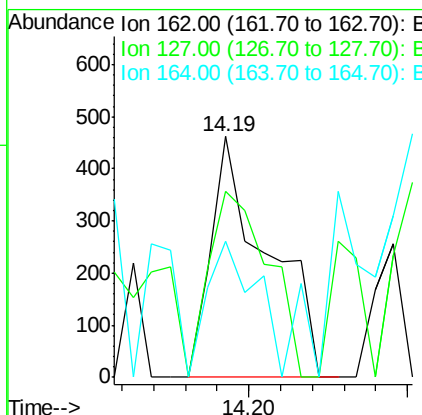
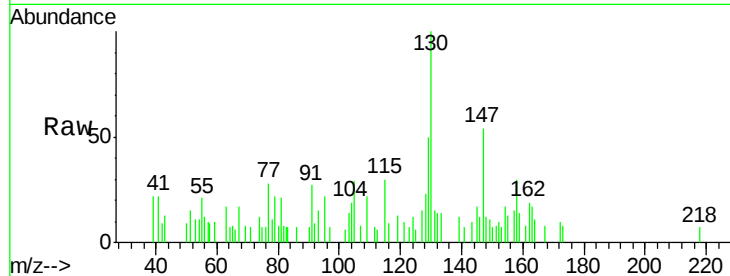
#46
2-Chloronaphthalene
Concen: 0.136 ng
RT: 14.19 min Scan# 1856
Delta R.T. -0.04 min
Lab File: BG032588.D
Acq: 7 Feb 2018 7:26

Instrument :
BNA_G
ClientSampled :
LW-03-OW

Tot Ion	Ratio	Lower	Upper
162	100		
127	77.1	30.7	46.1#
164	56.3	26.0	39.0#

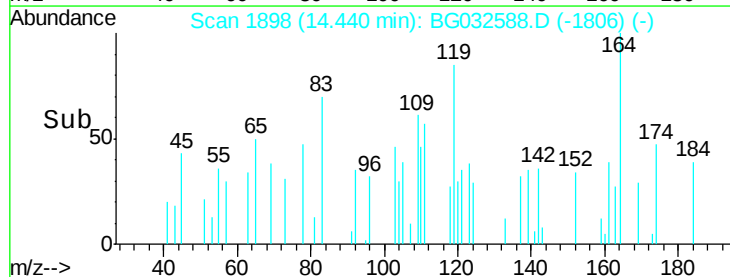
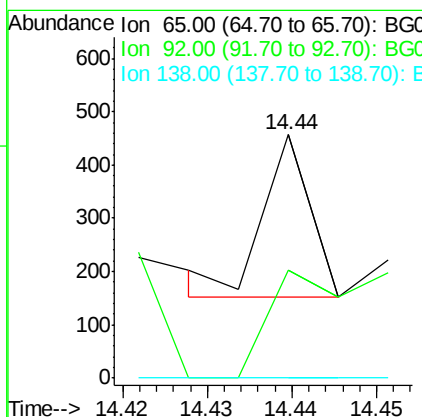
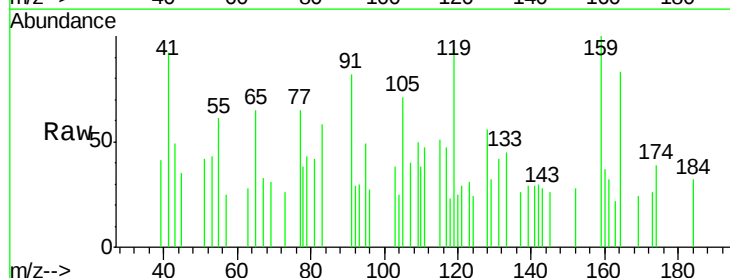
Manual Integrations
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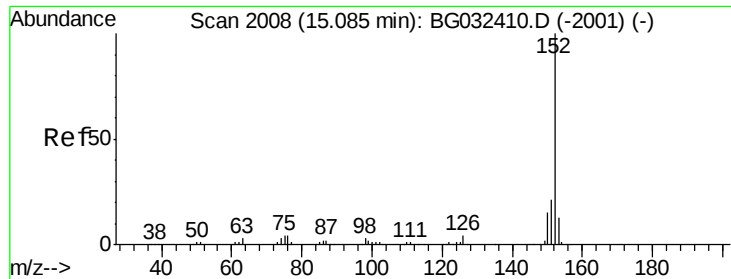
Sohil
2/7/2018 4:15:06 PM



#47
2-Nitroaniline
Concen: 0.122 ng
RT: 14.44 min Scan# 1898
Delta R.T. 0.01 min
Lab File: BG032588.D
Acq: 7 Feb 2018 7:26

Tgt Ion	Ratio	Lower	Upper
65	100		
92	44.2	54.6	82.0#
138	0.0	72.9	109.3#





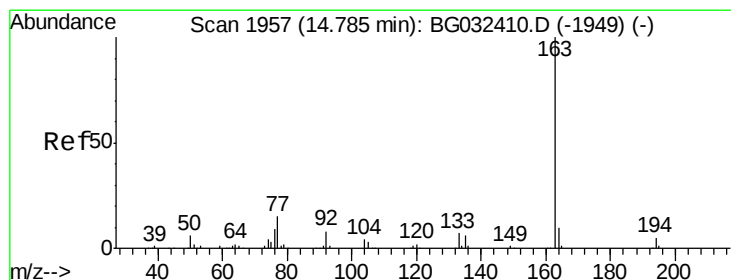
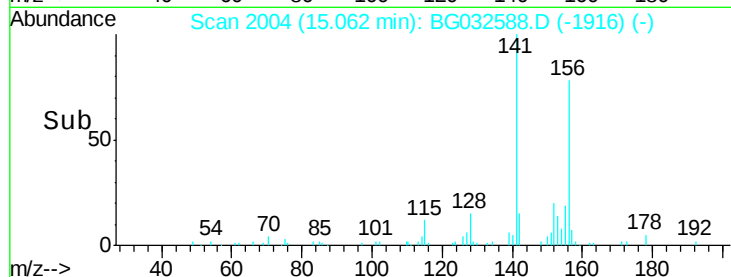
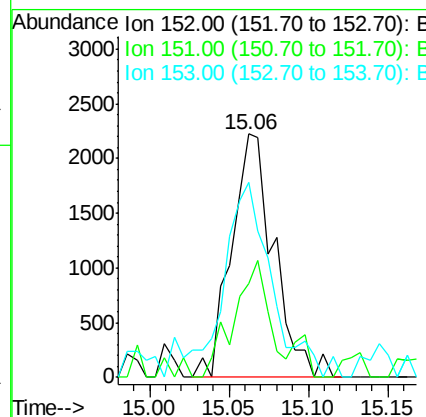
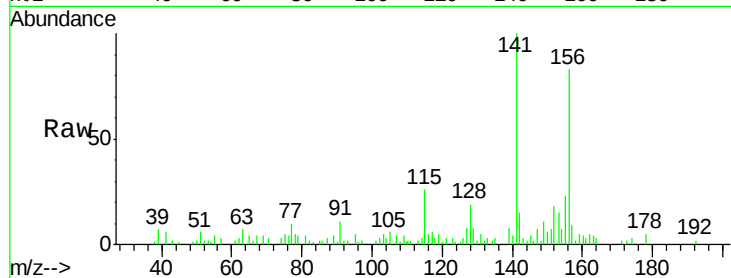
#48
Acenaphthylene
Concen: 0.654 ng
RT: 15.06 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BG032588.D
Acq: 7 Feb 2018 7:26

Instrument :
BNA_G
ClientSampleId :
LW-03-OW

Tot Ion:	152	Resp:	4138
Ion Ratio	Lower	Upper	
152	100		
151	38.4	17.2	25.8#
153	80.3	10.2	15.4#

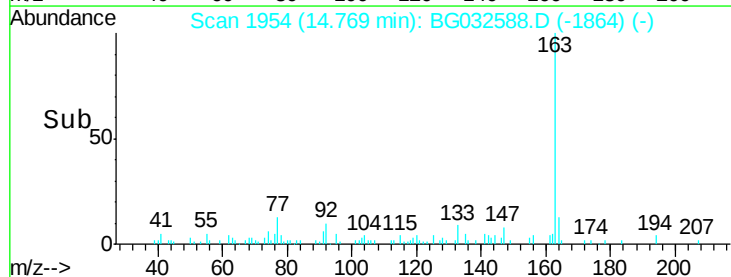
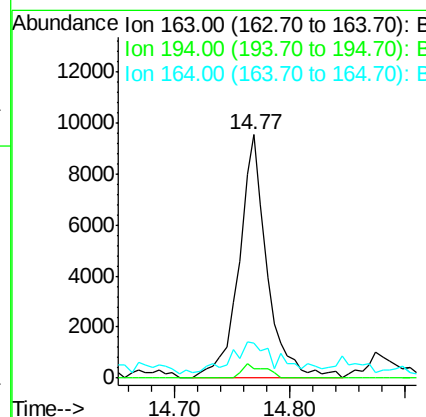
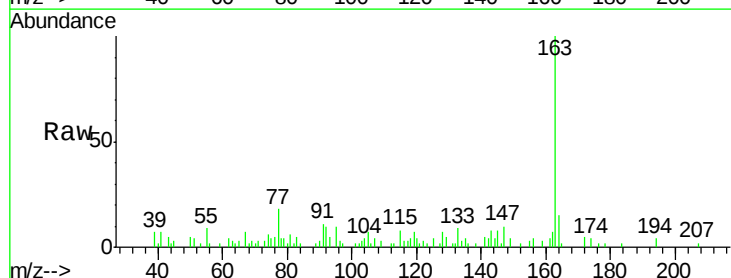
Manual Integrations
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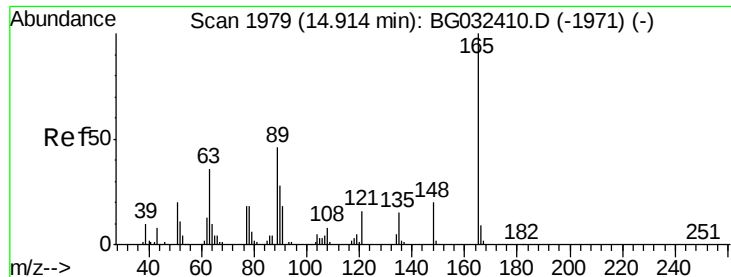
Sohil
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#49
Dimethylphthalate
Concen: 2.750 ng
RT: 14.77 min Scan# 1954
Delta R.T. 0.00 min
Lab File: BG032588.D
Acq: 7 Feb 2018 7:26

Tgt Ion:	163	Resp:	16018
Ion Ratio	Lower	Upper	
163	100		
194	3.6	3.4	5.2
164	14.6	8.2	12.4#





#50

2,6-Dinitrotoluene

Concen: 0.982 ng

RT: 14.94 min Scan# 1984

Delta R.T. 0.04 min

Lab File: BG032588.D

Acq: 7 Feb 2018 7:26

Instrument :

BNA_G

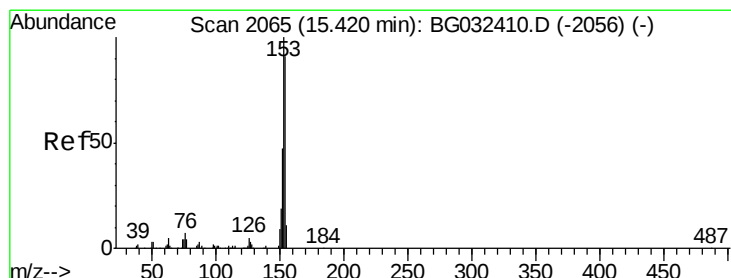
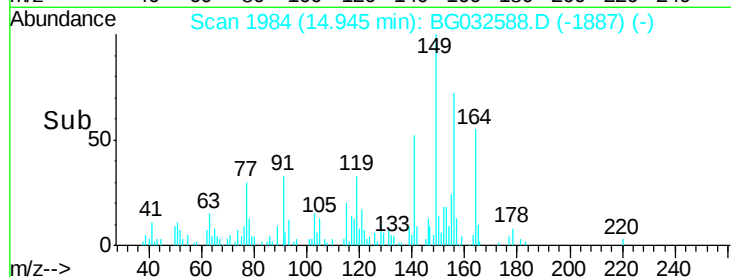
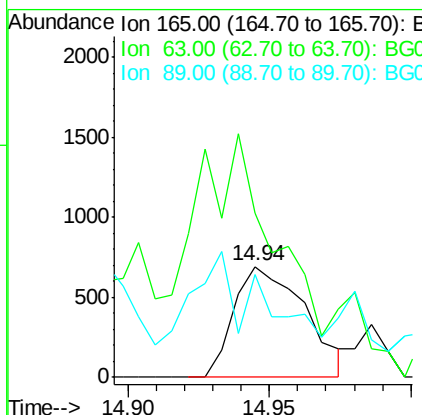
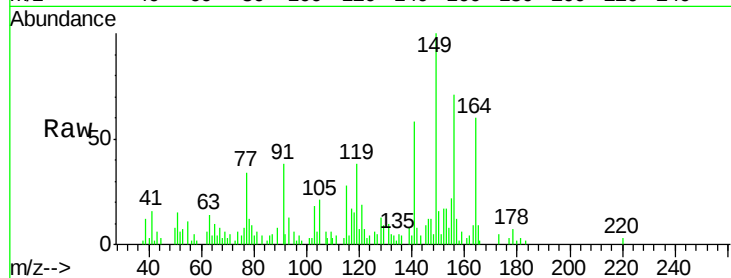
ClientSampled :

LW-03-OW

Tot Ion:	165	Resp:	1200
Ion Ratio	Lower	Upper	
165	100		
63	147.8	52.7	79.1#
89	92.5	49.2	73.8#

Manual Integrations
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#51

Acenaphthene

Concen: 3.218 ng

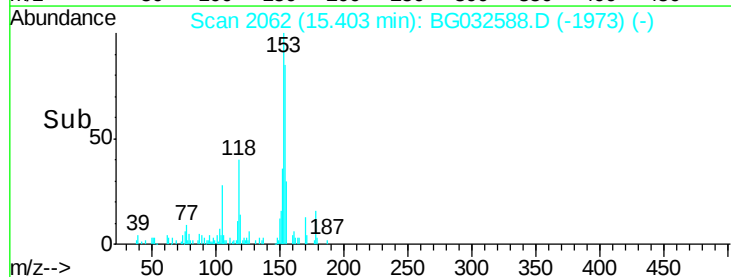
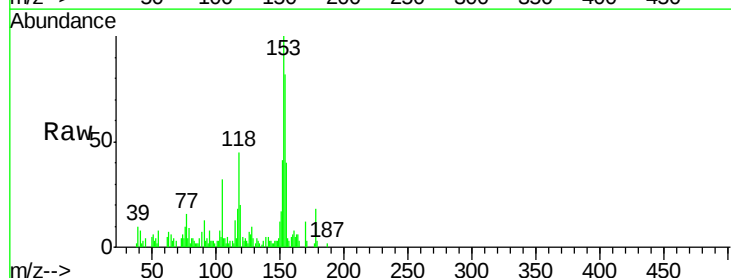
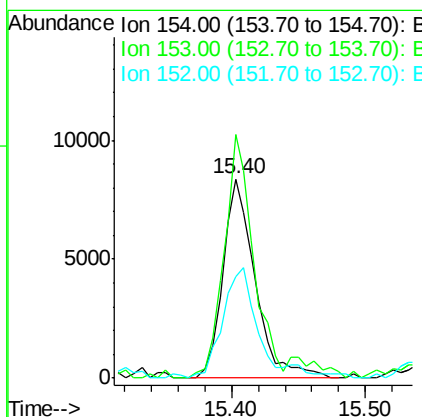
RT: 15.40 min Scan# 2062

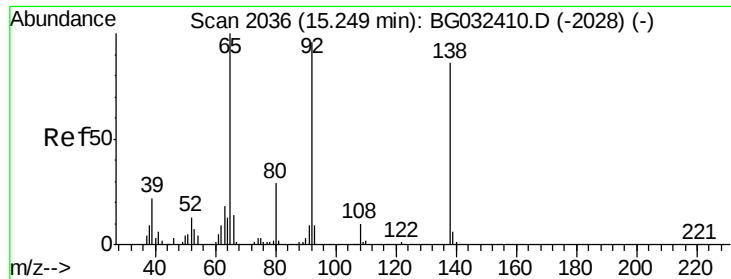
Delta R.T. -0.01 min

Lab File: BG032588.D

Acq: 7 Feb 2018 7:26

Tgt Ion:	154	Resp:	14114
Ion Ratio	Lower	Upper	
154	100		
153	122.3	90.4	135.6
152	50.7	41.6	62.4





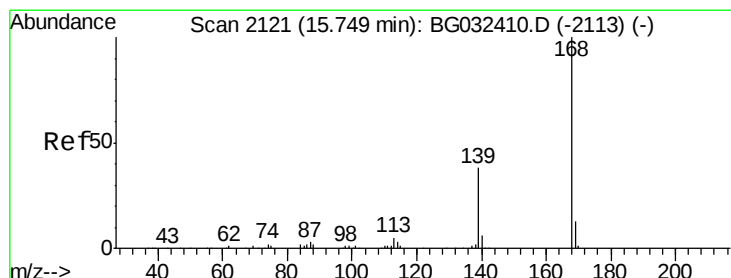
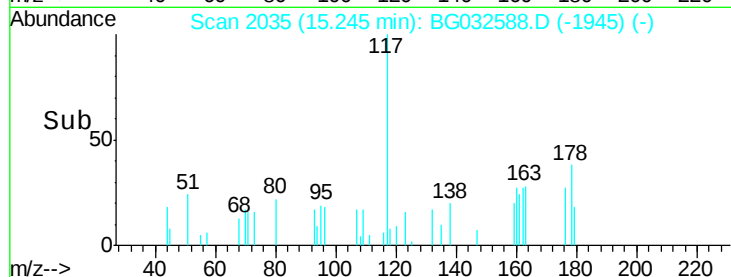
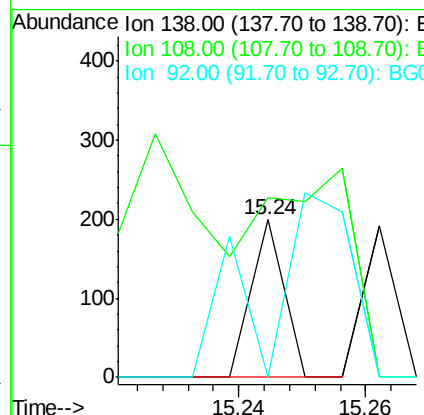
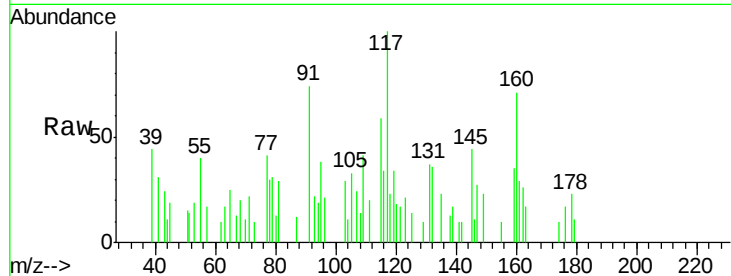
#52
3-Nitroaniline
Concen: 0.066 ng
RT: 15.24 min Scan# 2035
Delta R.T. 0.00 min
Lab File: BG032588.D
Acq: 7 Feb 2018 7:26

Instrument :
BNA_G
ClientSampleId :
LW-03-OW

Tot Ion	Ratio	Lower	Upper
138	100		
108	114.1	17.5	26.3#
92	0.0	105.8	158.8#

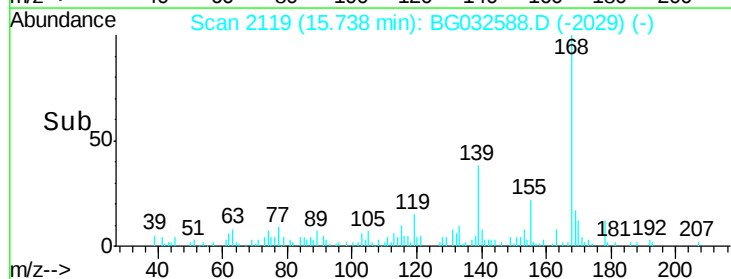
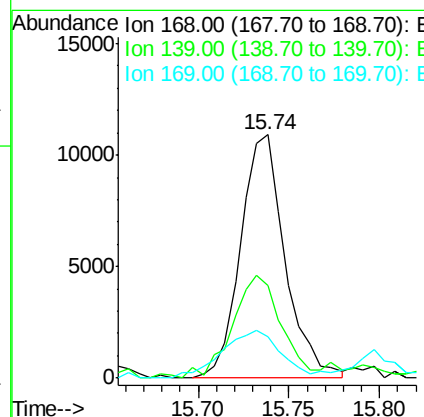
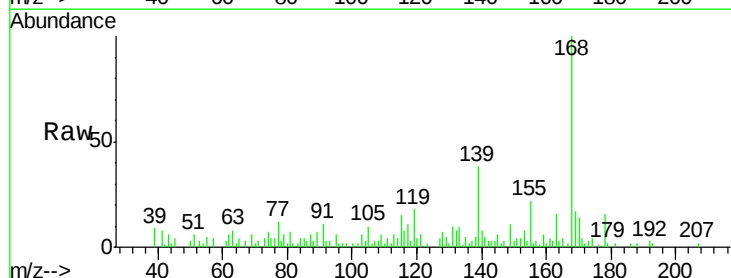
Manual Integrations
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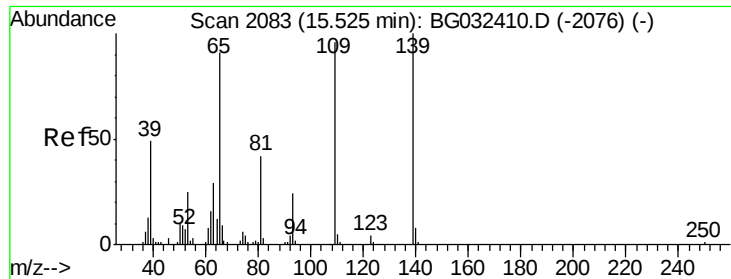
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#54
Dibenzofuran
Concen: 2.880 ng
RT: 15.74 min Scan# 2119
Delta R.T. 0.00 min
Lab File: BG032588.D
Acq: 7 Feb 2018 7:26

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.1	28.6	43.0
169	17.1	11.2	16.8#





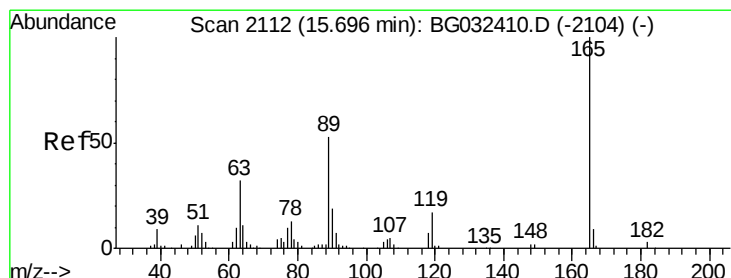
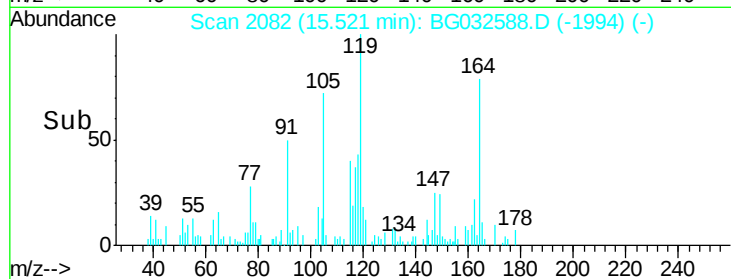
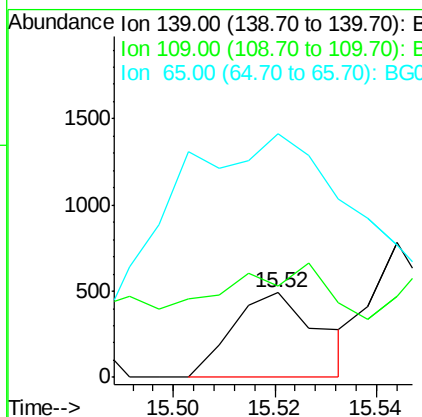
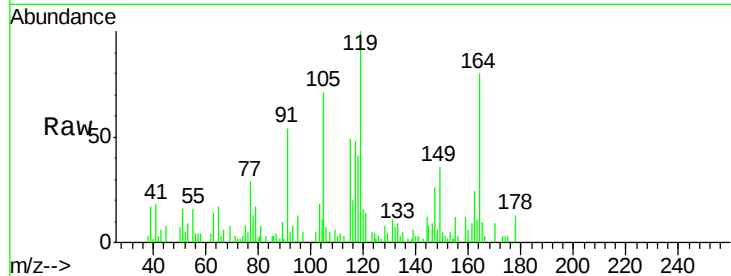
#55
4-Nitrophenol
Concen: 0.729 ng
RT: 15.52 min Scan# 2082
Delta R.T. -0.01 min
Lab File: BG032588.D
Acq: 7 Feb 2018 7:26

Instrument :
BNA_G
ClientSampleId :
LW-03-OW

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	108.2	62.2	102.2#	
65	288.4	97.2	137.2#	

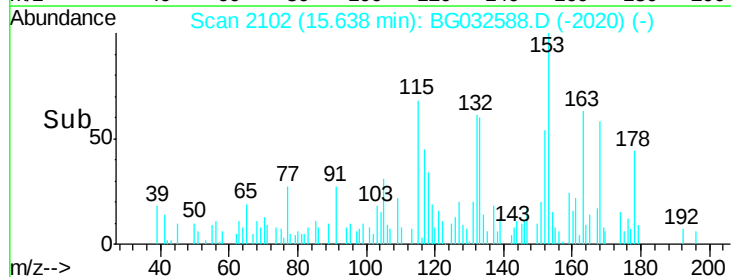
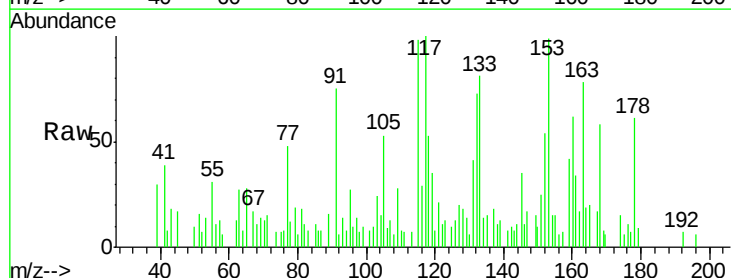
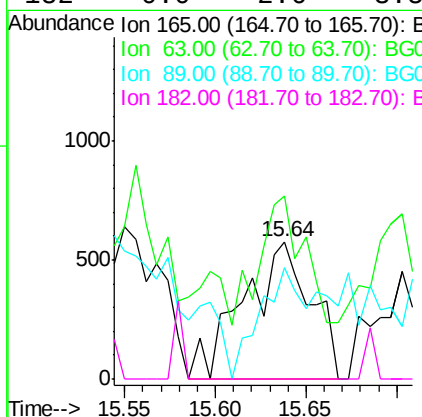
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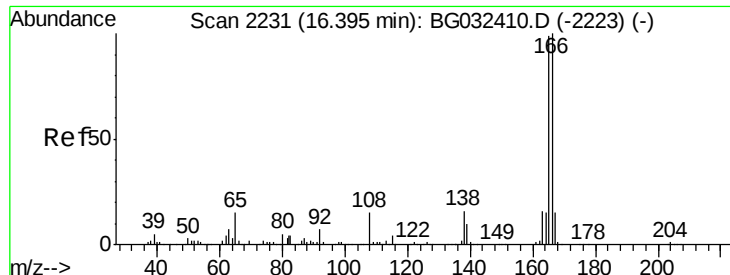
Sohil
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#56
2,4-Dinitrotoluene
Concen: 0.858 ng
RT: 15.64 min Scan# 2102
Delta R.T. -0.05 min
Lab File: BG032588.D
Acq: 7 Feb 2018 7:26

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	133.6	42.0	63.0#	
89	81.5	66.9	100.3	
182	0.0	2.6	3.8#	





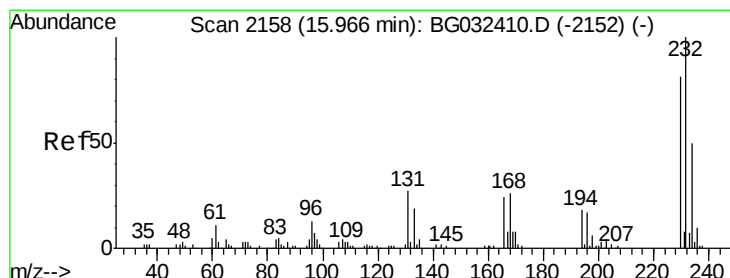
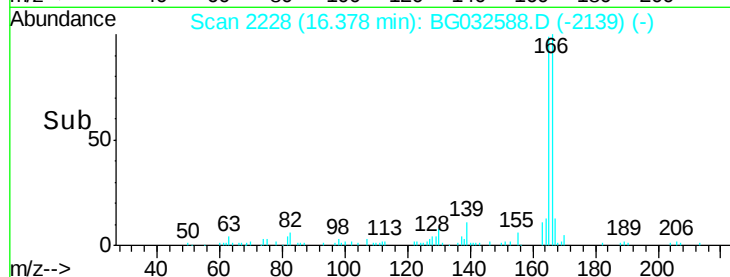
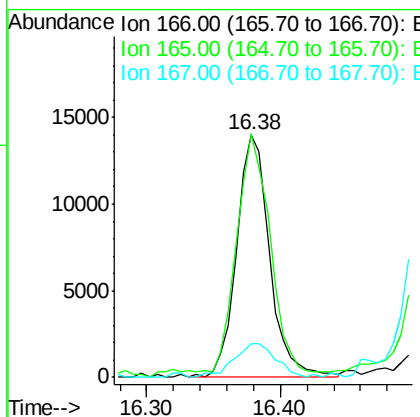
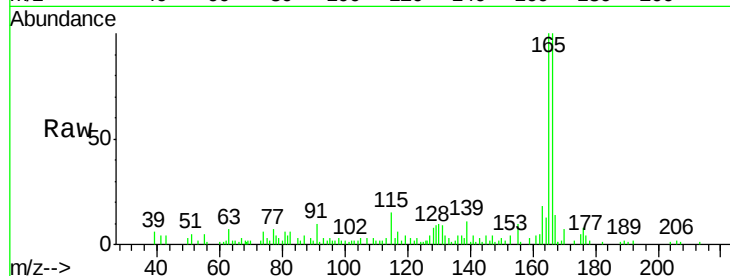
#57
 Fluorene
 Concen: 4.451 ng
 RT: 16.38 min Scan# 2228
 Delta R.T. -0.01 min
 Lab File: BG032588.D
 Acq: 7 Feb 2018 7:26

Instrument :
 BNA_G
 ClientSampleId :
 LW-03-OW

Tot Ion	Ratio	Lower	Upper
166	100		
165	100.4	80.6	121.0
167	14.0	10.4	15.6

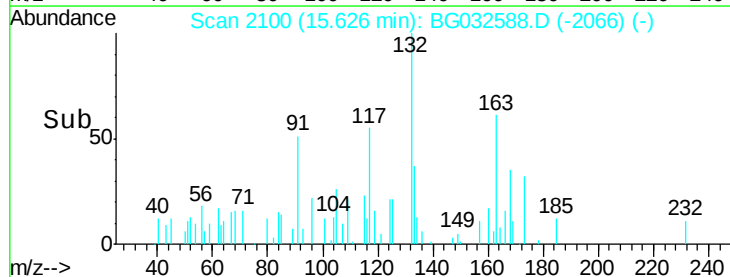
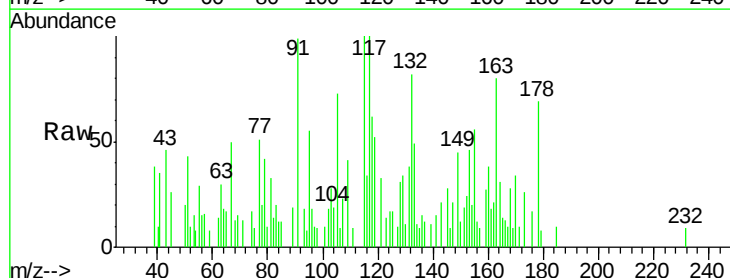
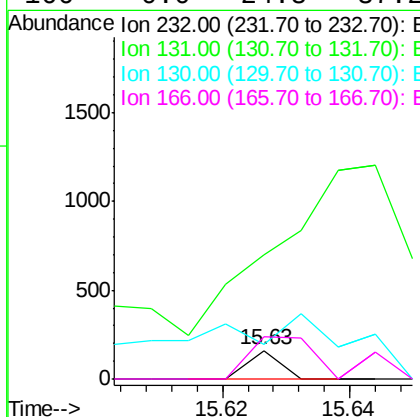
Manual Integrations
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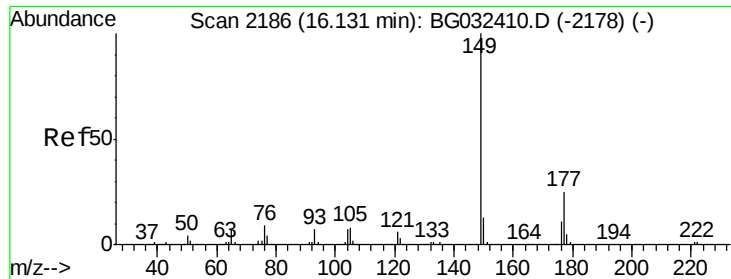
Sohil
 2/7/2018 4:15:06 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 0.031 ng
 RT: 15.63 min Scan# 2100
 Delta R.T. -0.33 min
 Lab File: BG032588.D
 Acq: 7 Feb 2018 7:26

Tgt Ion	Ratio	Lower	Upper
232	100		
131	2649.1	33.5	50.3#
130	0.0	2.2	3.2#
166	0.0	24.8	37.2#





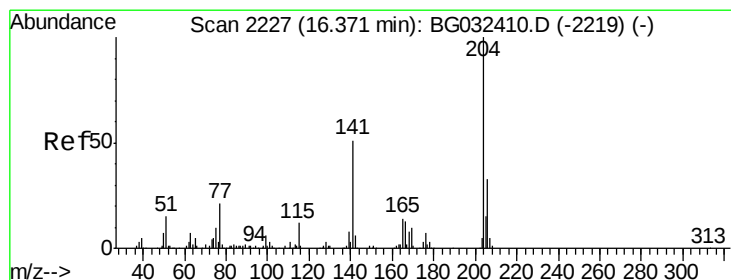
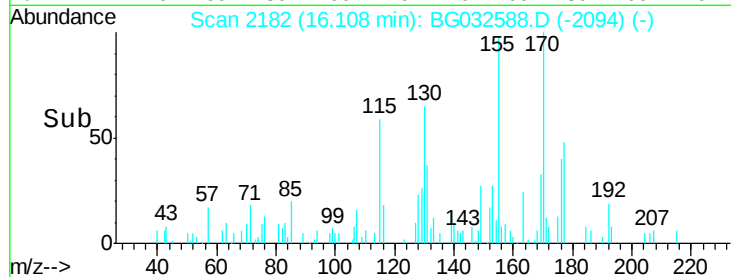
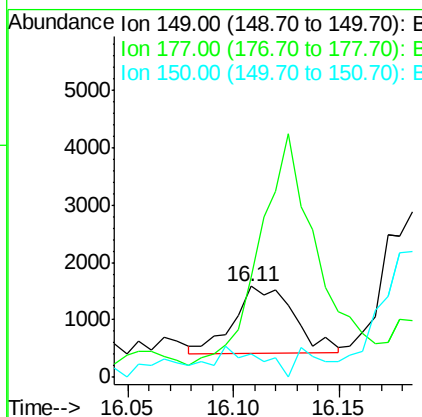
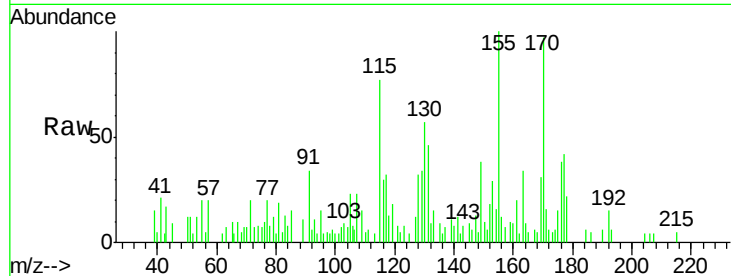
#59
Diethylphthalate
Concen: 0.402 ng
RT: 16.11 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BG032588.D
Acq: 7 Feb 2018 7:26

Instrument :
BNA_G
ClientSampled :
LW-03-OW

Tot Ion	Ratio	Lower	Upper
149	100		
177	110.4	18.5	27.7#
150	25.6	10.2	15.2#

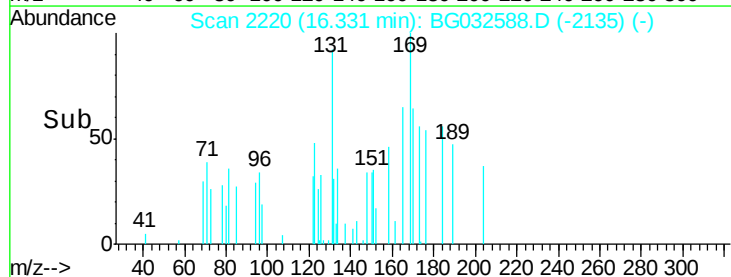
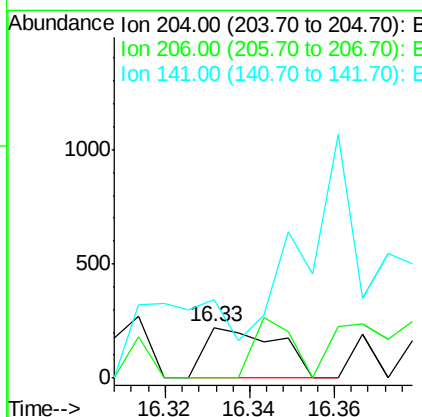
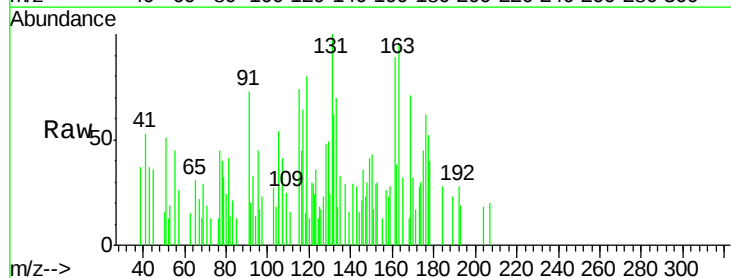
Manual Integrations
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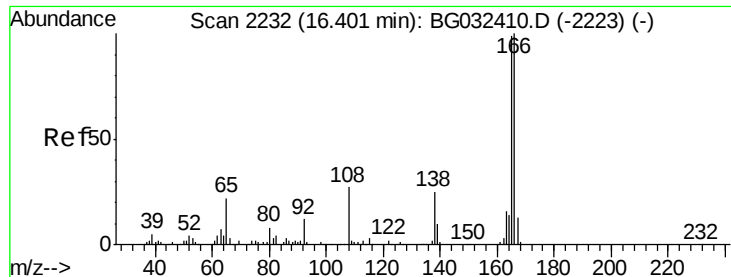
Sohil
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#60
4-Chlorophenyl-phenylether
Concen: 0.078 ng
RT: 16.33 min Scan# 2220
Delta R.T. -0.03 min
Lab File: BG032588.D
Acq: 7 Feb 2018 7:26

Tgt Ion	Ratio	Lower	Upper
204	100		
206	0.0	26.2	39.2#
141	155.4	45.8	68.6#





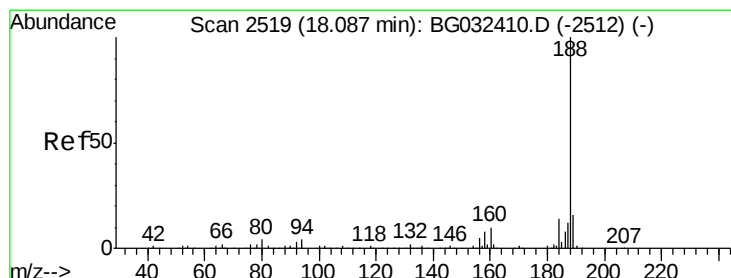
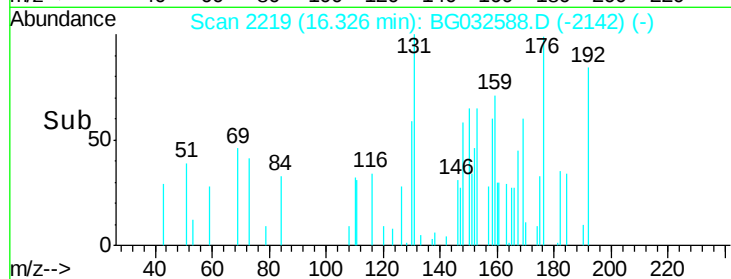
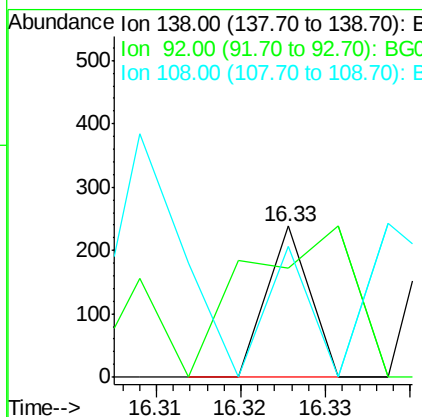
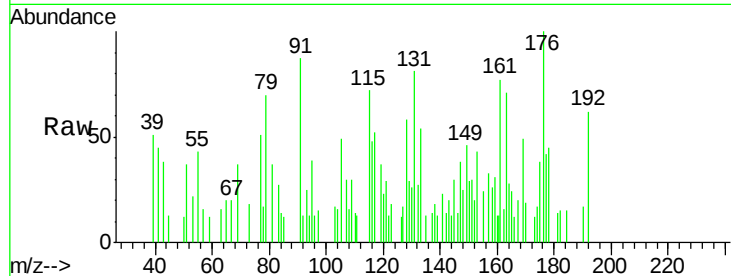
#61
4-Nitroaniline
Concen: 0.073 ng
RT: 16.33 min Scan# 2219
Delta R.T. -0.08 min
Lab File: BG032588.D
Acq: 7 Feb 2018 7:26

Instrument :
BNA_G
ClientSampled :
LW-03-OW

Tot Ion	Ratio	Lower	Upper
138	100		
92	72.3	40.1	80.1
108	86.6	65.4	105.4

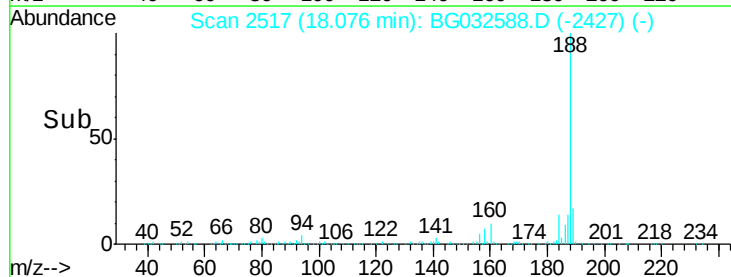
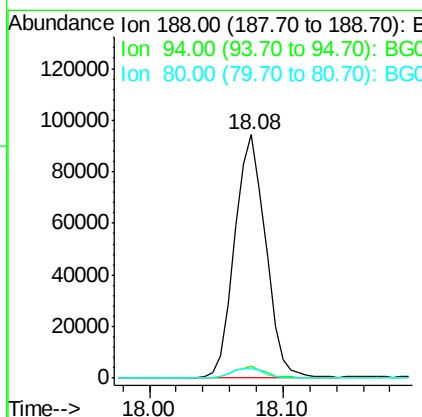
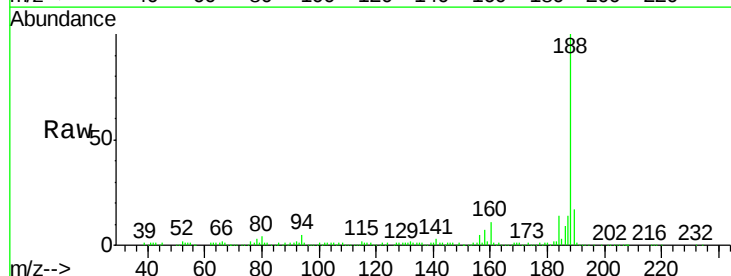
Manual Integrations
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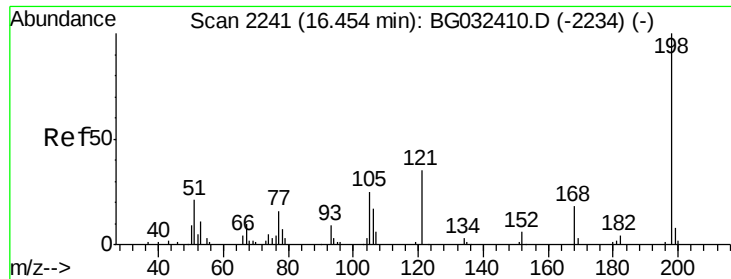
Sohil
2/7/2018 4:15:06 PM



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.08 min Scan# 2517
Delta R.T. 0.00 min
Lab File: BG032588.D
Acq: 7 Feb 2018 7:26

Tgt Ion	Ratio	Lower	Upper
188	100		
94	4.7	6.9	10.3#
80	3.8	7.7	11.5#





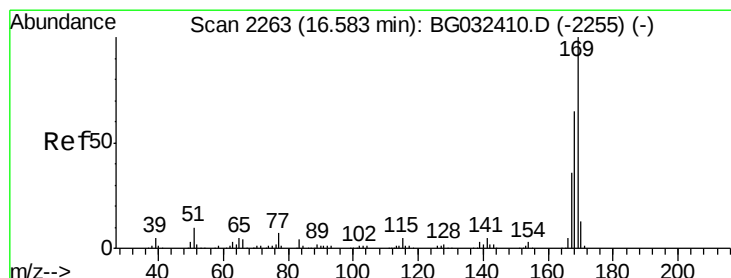
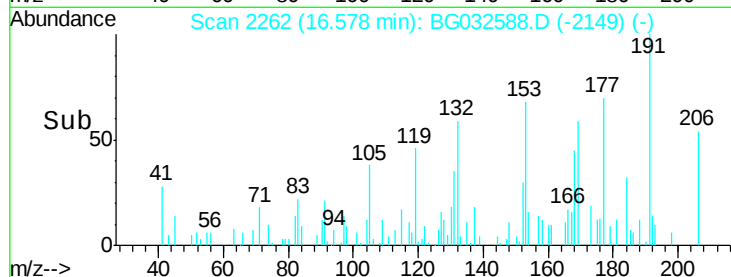
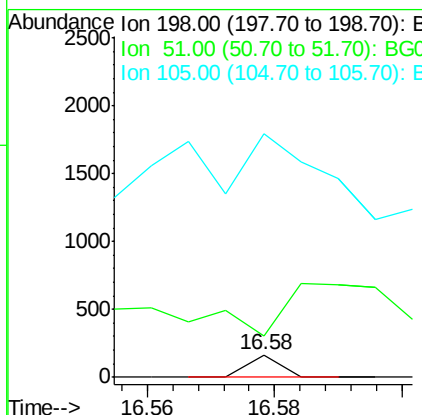
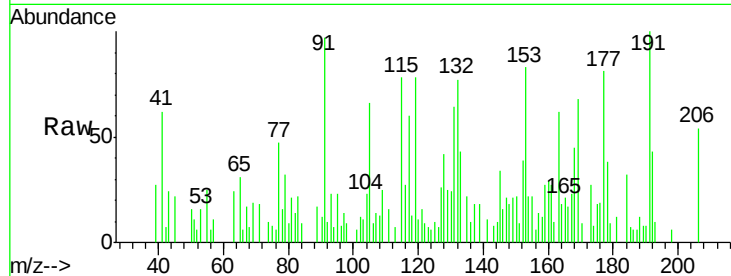
#64
 4,6-Dinitro-2-methylphenol
 Concen: 0.052 ng
 RT: 16.58 min Scan# 2262
 Delta R.T. 0.14 min
 Lab File: BG032588.D
 Acq: 7 Feb 2018 7:26

Instrument :
 BNA_G
 ClientSampled :
 LW-03-OW

Tot Ion:198 Resp: 59
 Ion Ratio Lower Upper
 198 100
 51 183.8 30.6 70.6#
 105 1073.7 23.8 63.8

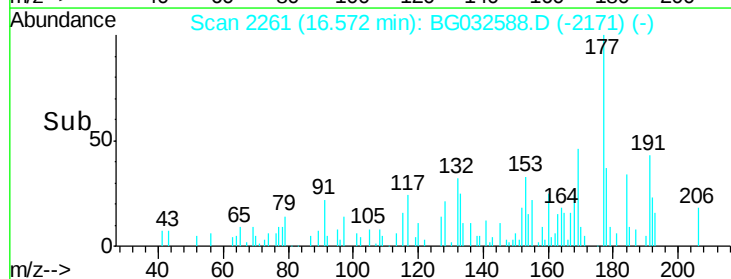
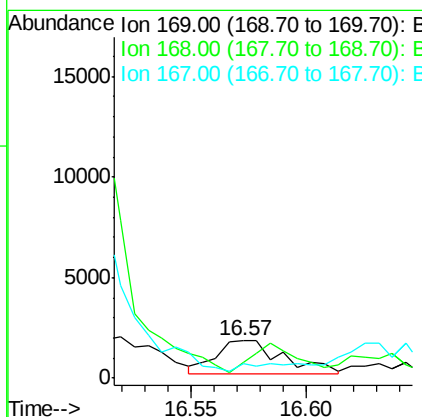
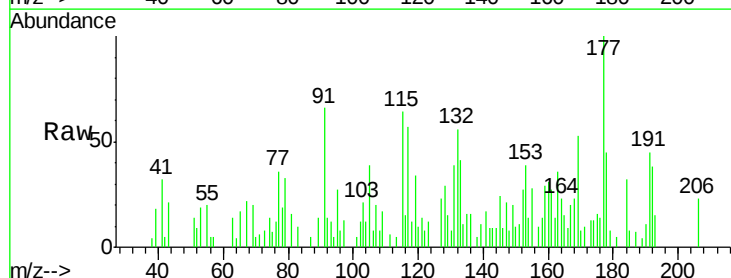
Manual Integrations
 APPROVED

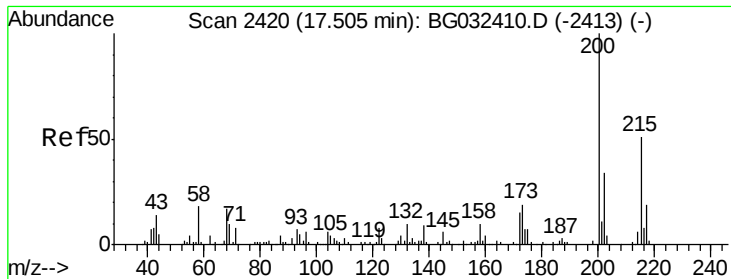
Sohil
 2/7/2018 4:15:06 PM



#65
 n-Nitrosodiphenylamine
 Concen: 0.760 ng
 RT: 16.57 min Scan# 2261
 Delta R.T. 0.00 min
 Lab File: BG032588.D
 Acq: 7 Feb 2018 7:26

Tgt Ion:169 Resp: 3446
 Ion Ratio Lower Upper
 169 100
 168 42.6 55.7 83.5#
 167 38.5 30.1 45.1





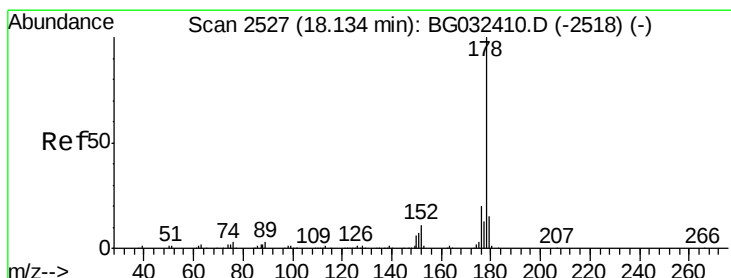
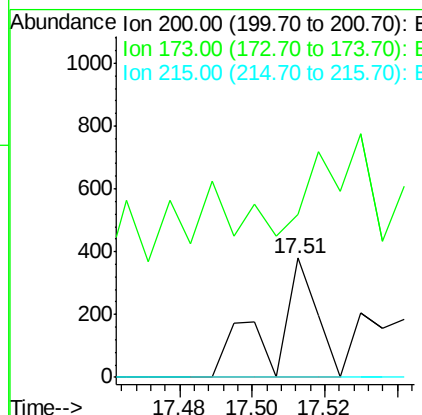
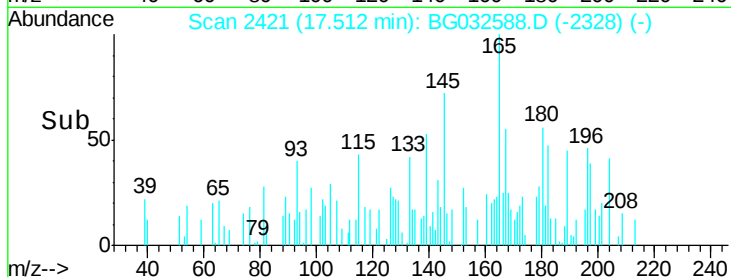
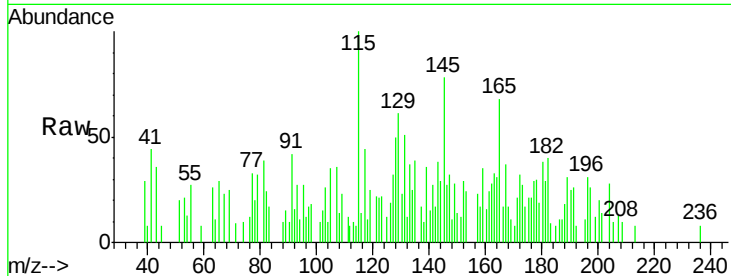
#68
Atrazine
Concen: 0.167 ng
RT: 17.51 min Scan# 2421
Delta R.T. 0.02 min
Lab File: BG032588.D
Acq: 7 Feb 2018 7:26

Instrument :
BNA_G
ClientSampleId :
LW-03-OW

Tot Ion	Ratio	Lower	Upper
200	100		
173	137.2	5.2	45.2#
215	0.0	30.4	70.4#

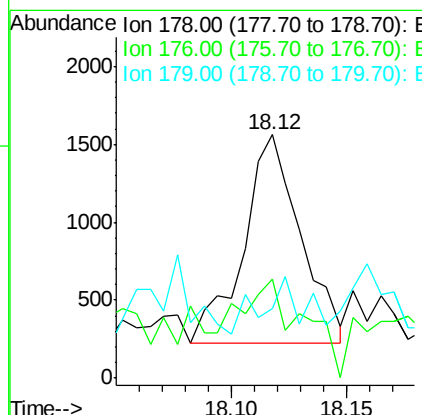
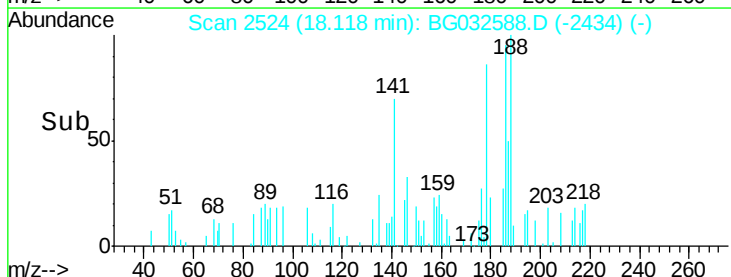
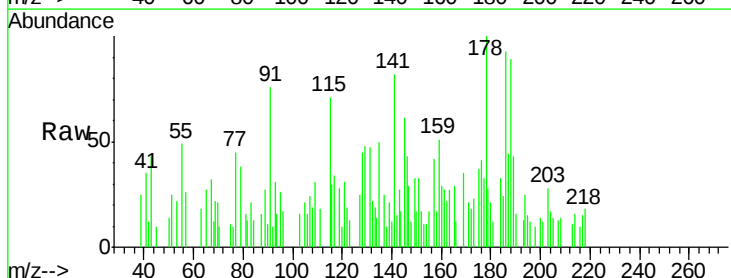
Manual Integrations
APPROVED

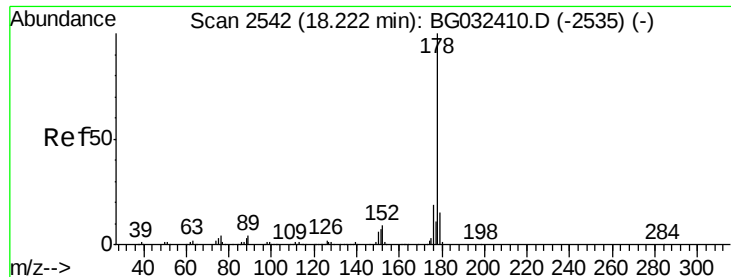
Sohil
2/7/2018 4:15:06 PM



#70
Phenanthrene
Concen: 0.274 ng
RT: 18.12 min Scan# 2524
Delta R.T. 0.00 min
Lab File: BG032588.D
Acq: 7 Feb 2018 7:26

Tgt Ion	Ratio	Lower	Upper
178	100		
176	40.9	15.7	23.5#
179	28.5	12.5	18.7#





#71

Anthracene

Concen: 0.066 ng

RT: 18.21 min Scan# 2540

Delta R.T. 0.00 min

Lab File: BG032588.D

Acq: 7 Feb 2018 7:26

Instrument :

BNA_G

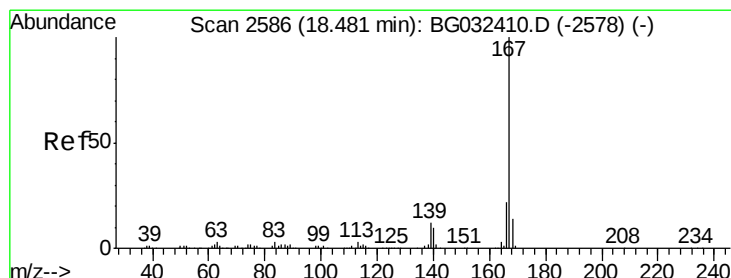
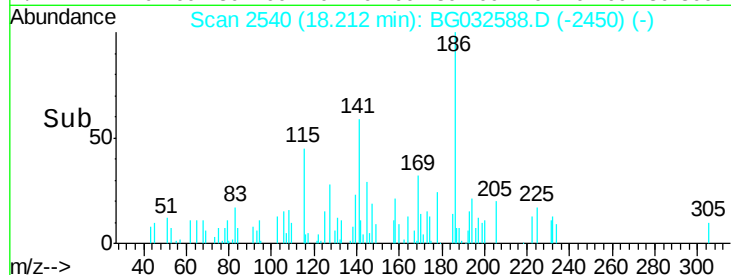
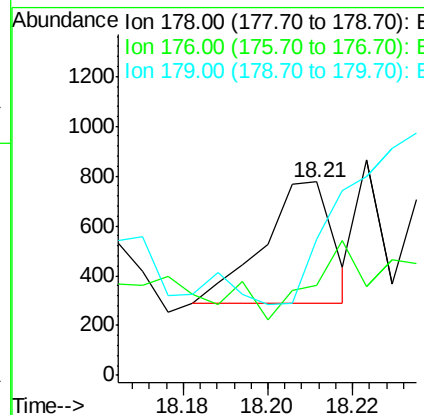
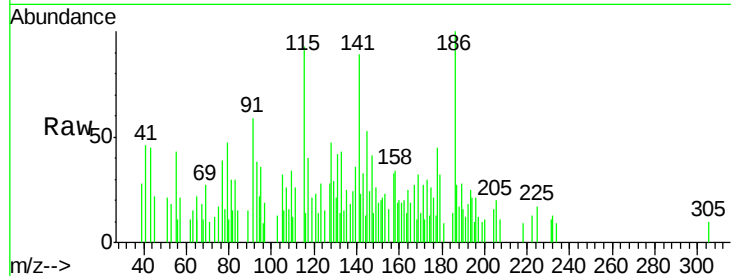
ClientSampleId :

LW-03-OW

Tot Ion	Ratio	Lower	Upper
178	100		
176	46.6	16.0	24.0#
179	70.2	12.5	18.7#

Manual Integrations
APPROVED

Sohil
2/7/2018 4:15:06 PM



#72

Carbazole

Concen: 0.753 ng

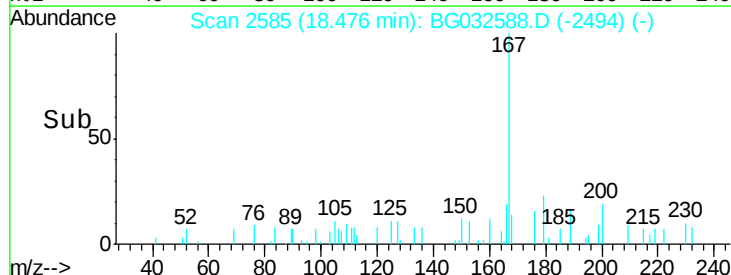
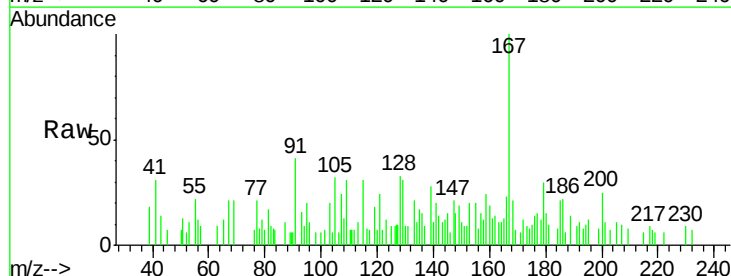
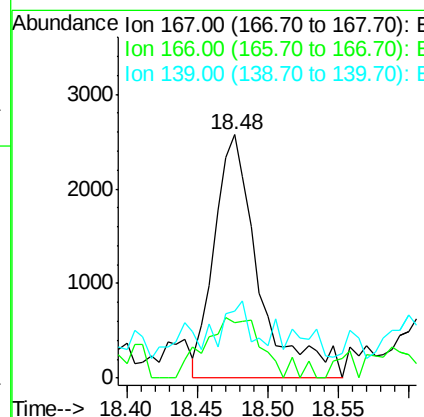
RT: 18.48 min Scan# 2585

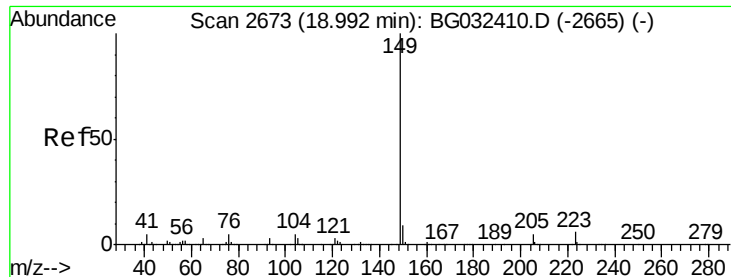
Delta R.T. 0.01 min

Lab File: BG032588.D

Acq: 7 Feb 2018 7:26

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.8	18.2	27.4
139	27.7	9.4	14.2#





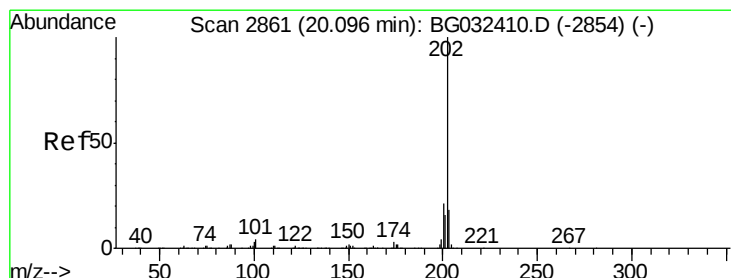
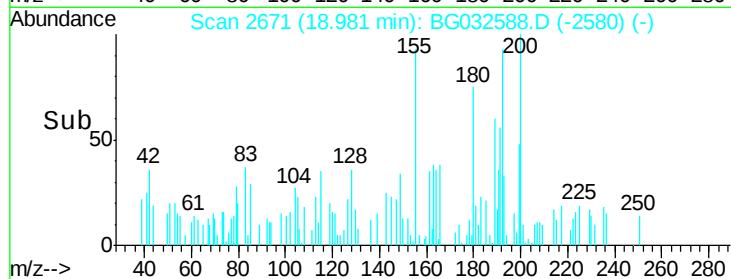
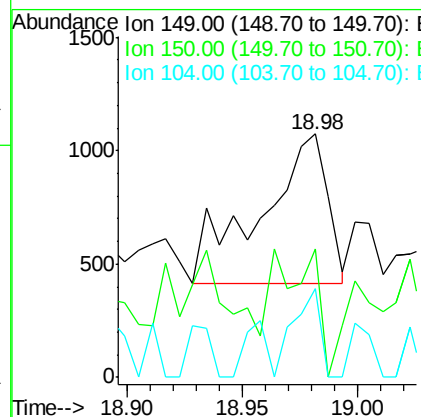
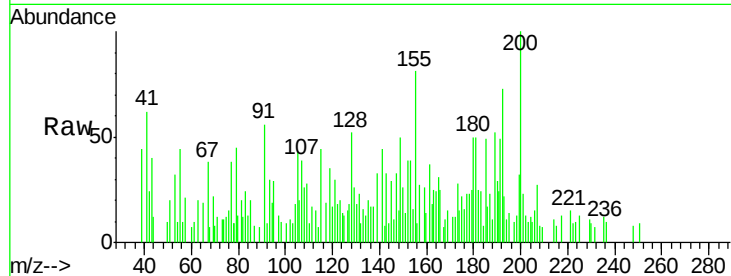
#73
Di-n-butylphthalate
Concen: 0.158 ng
RT: 18.98 min Scan# 2671
Delta R.T. 0.01 min
Lab File: BG032588.D
Acq: 7 Feb 2018 7:26

Instrument :
BNA_G
ClientSampled :
LW-03-OW

Tot Ion	Ratio	Lower	Upper
149	100		
150	52.7	7.8	11.6#
104	36.2	3.9	5.9#

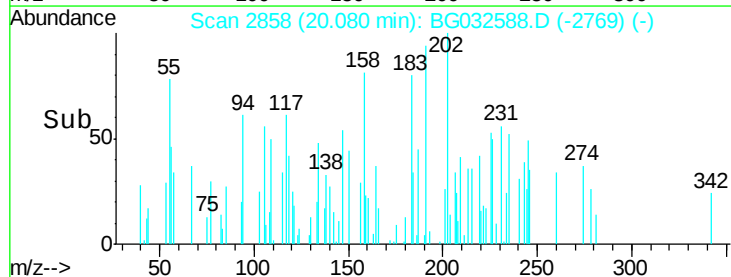
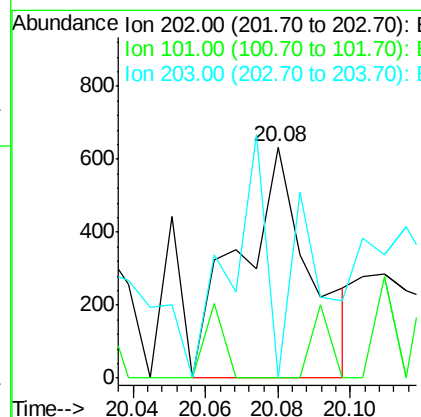
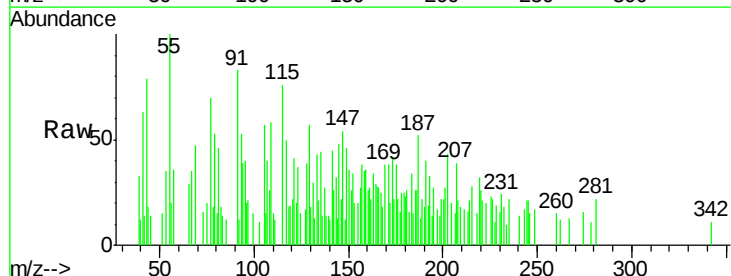
Manual Integrations
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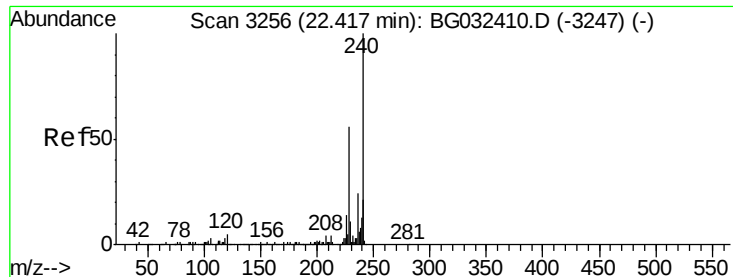
Sohil
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#74
Fluoranthene
Concen: 0.077 ng
RT: 20.08 min Scan# 2858
Delta R.T. -0.01 min
Lab File: BG032588.D
Acq: 7 Feb 2018 7:26

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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.40 min Scan# 3253

Delta R.T. -0.01 min

Lab File: BG032588.D

Acq: 7 Feb 2018 7:26

Instrument :

BNA_G

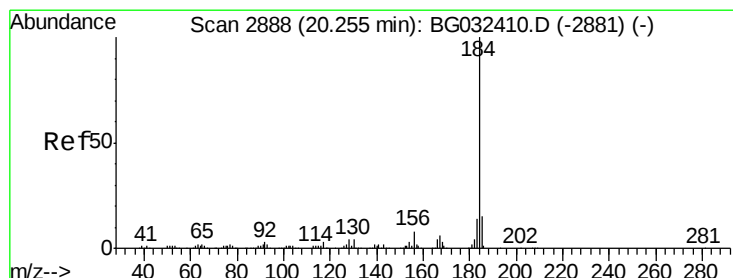
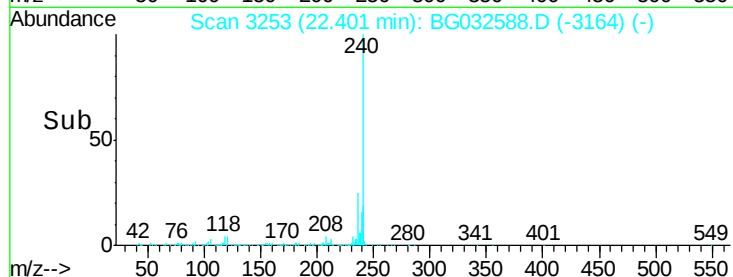
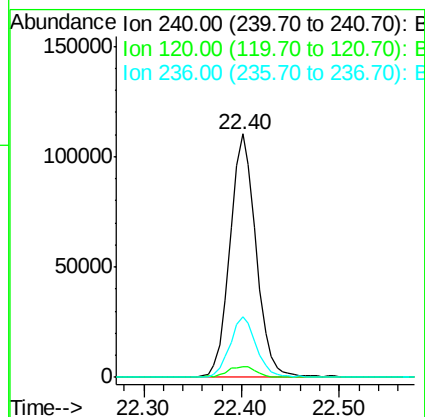
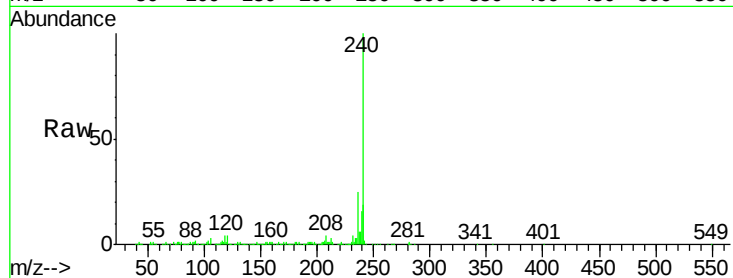
ClientSampled :

LW-03-OW

Tot Ion:	240	Resp:	203713
Ion Ratio	Lower	Upper	
240	100		
120	4.2	6.8	10.2#
236	24.8	20.9	31.3

Manual Integrations
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#76

Benzidine

Concen: 0.103 ng

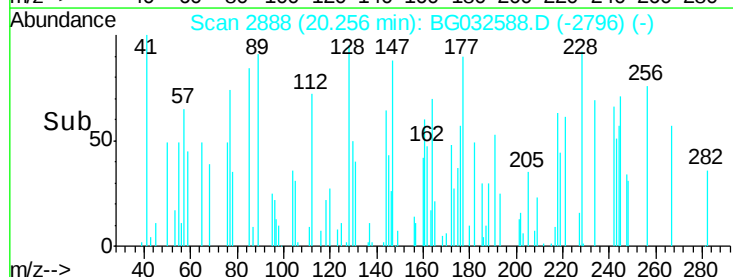
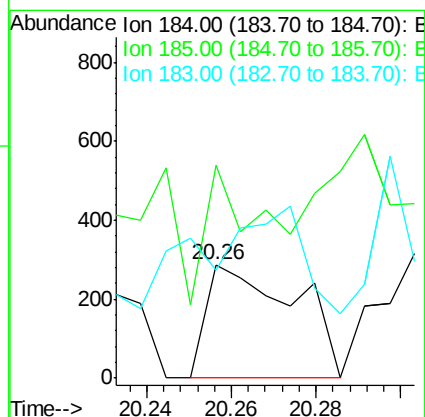
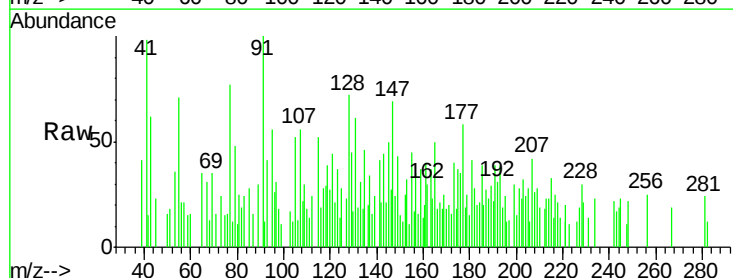
RT: 20.26 min Scan# 2888

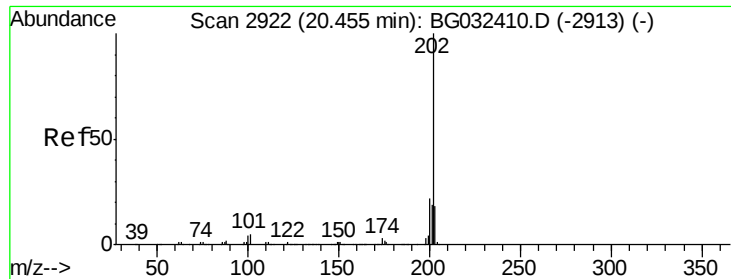
Delta R.T. 0.01 min

Lab File: BG032588.D

Acq: 7 Feb 2018 7:26

Tgt Ion:	184	Resp:	414
Ion Ratio	Lower	Upper	
184	100		
185	187.8	11.1	16.7#
183	95.1	10.6	16.0#





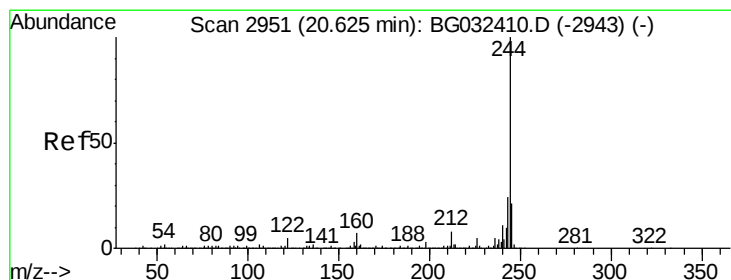
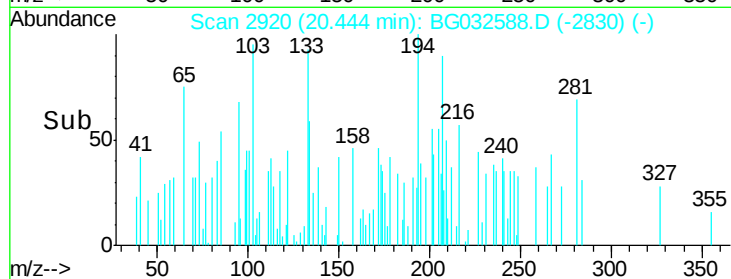
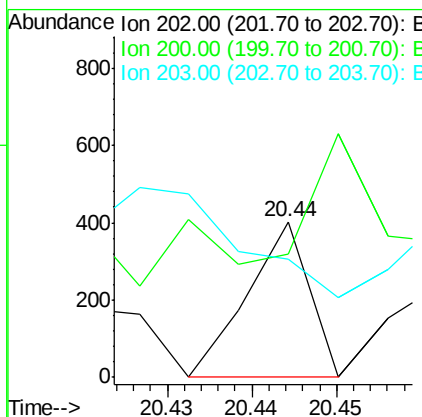
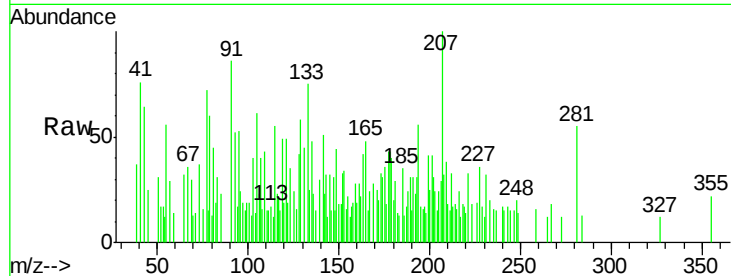
#77
Pvrene
Concen: 0.016 ng
RT: 20.44 min Scan# 2920
Delta R.T. 0.00 min
Lab File: BG032588.D
Acq: 7 Feb 2018 7:26

Instrument :
BNA_G
ClientSampled :
LW-03-OW

Tot Ion	Ratio	Lower	Upper
202	100		
200	79.4	16.9	25.3#
203	75.9	13.9	20.9#

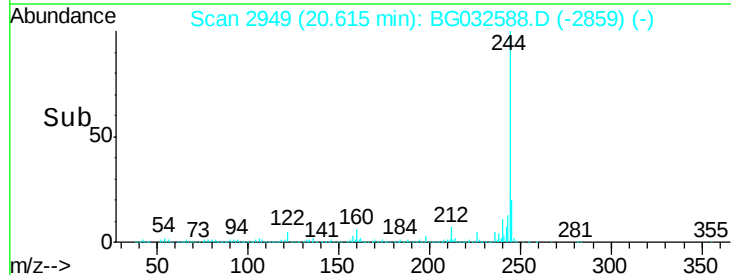
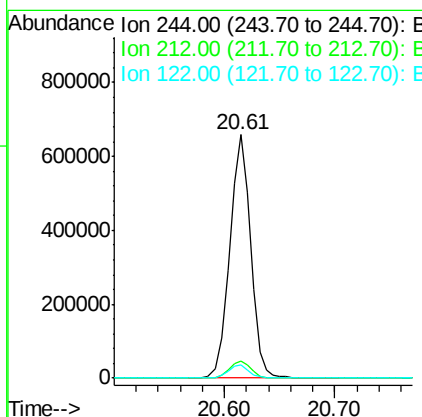
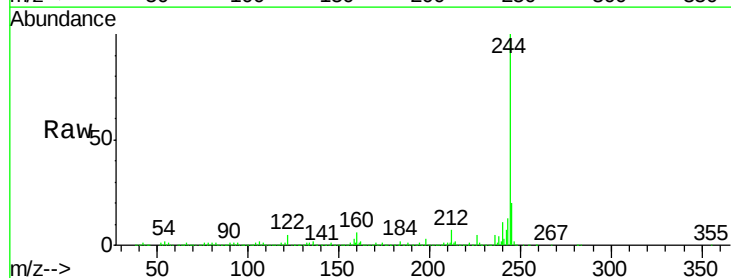
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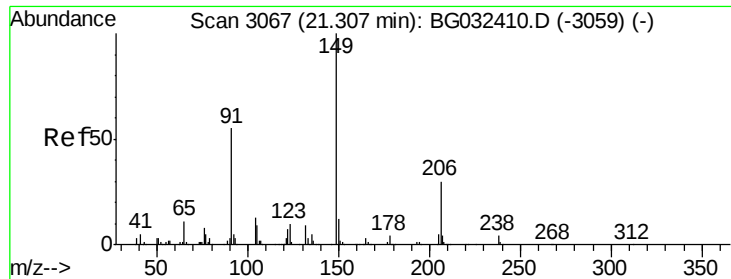
Sohil
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#78
Terphenyl-d14
Concen: 92.259 ng
RT: 20.61 min Scan# 2949
Delta R.T. 0.00 min
Lab File: BG032588.D
Acq: 7 Feb 2018 7:26

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	5.3	7.0	10.4#





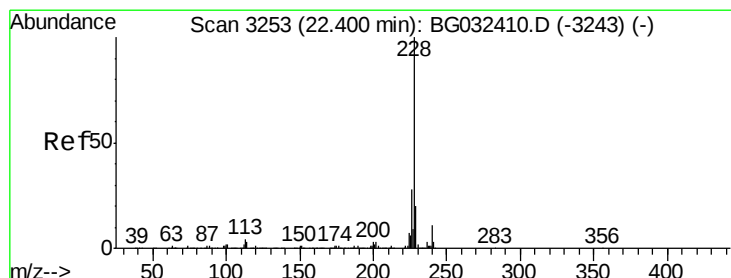
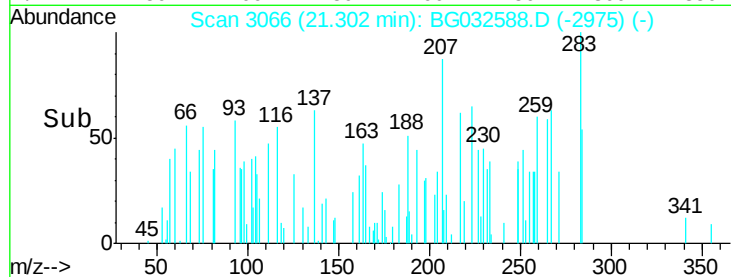
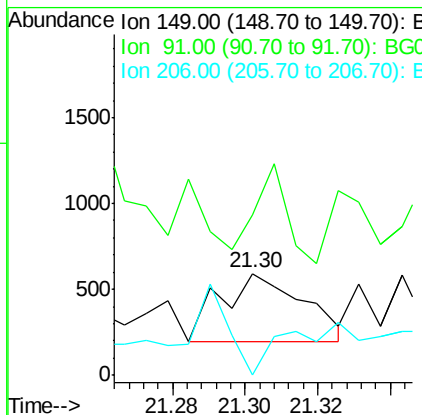
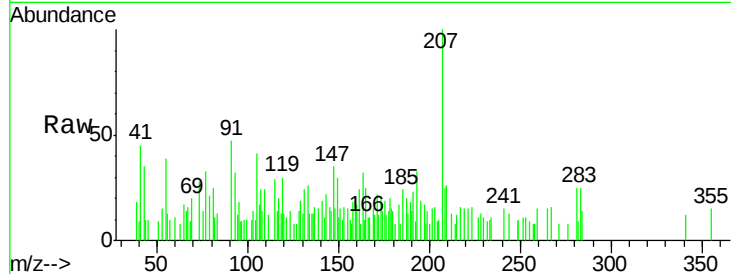
#79
 Butylbenzylphthalate
 Concen: 0.161 ng
 RT: 21.30 min Scan# 3066
 Delta R.T. 0.01 min
 Lab File: BG032588.D
 Acq: 7 Feb 2018 7:26

Instrument :
 BNA_G
 ClientSampled :
 LW-03-OW

Tot Ion	Ratio	Lower	Upper
149	100		
91	157.4	62.2	93.2#
206	0.0	18.6	27.8#

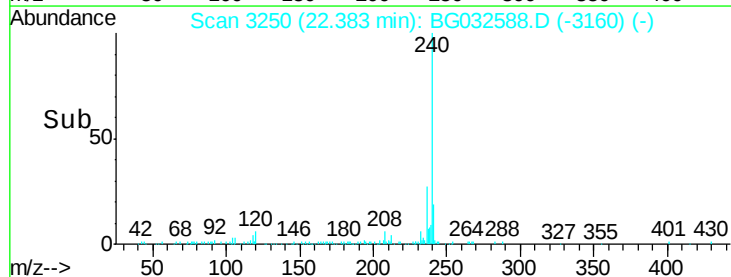
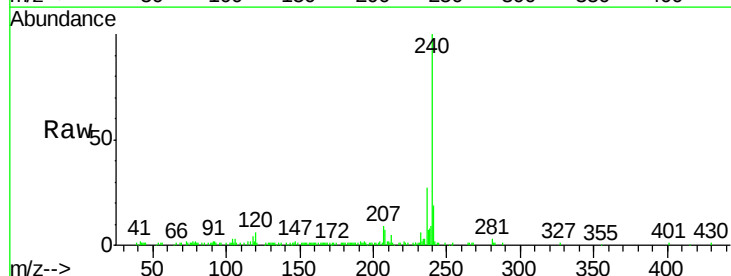
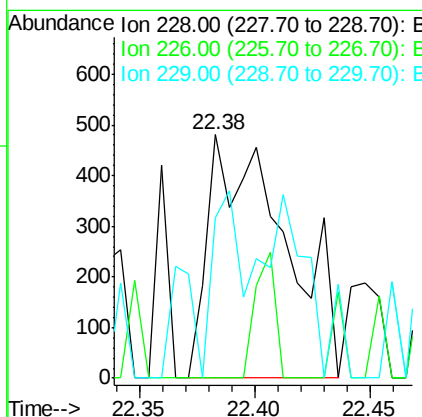
Manual Integrations
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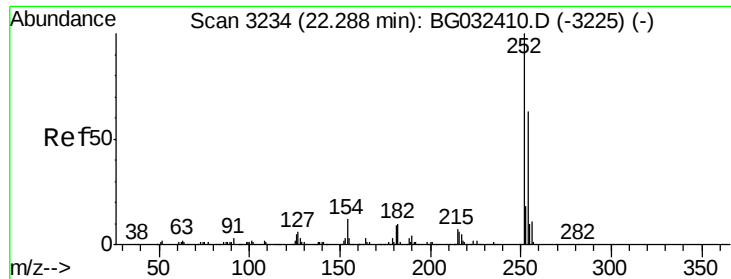
Sohil
 2/7/2018 4:15:06 PM



#80
 Benzo(a)anthracene
 Concen: 0.087 ng
 RT: 22.38 min Scan# 3250
 Delta R.T. 0.00 min
 Lab File: BG032588.D
 Acq: 7 Feb 2018 7:26

Tgt Ion	Ratio	Lower	Upper
228	100		
226	0.0	22.7	34.1#
229	66.1	16.2	24.2#





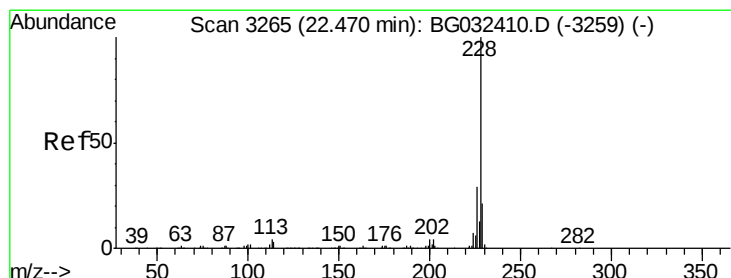
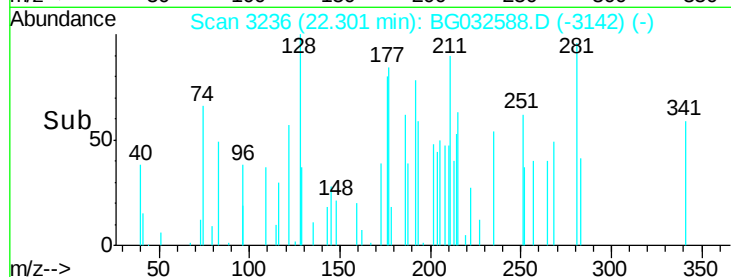
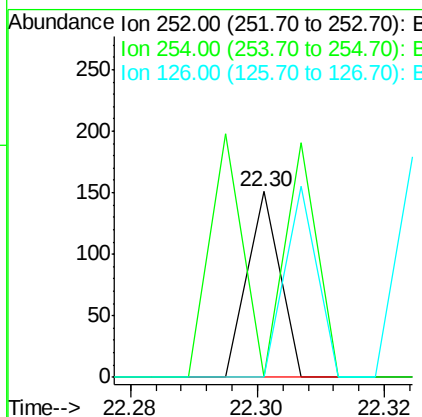
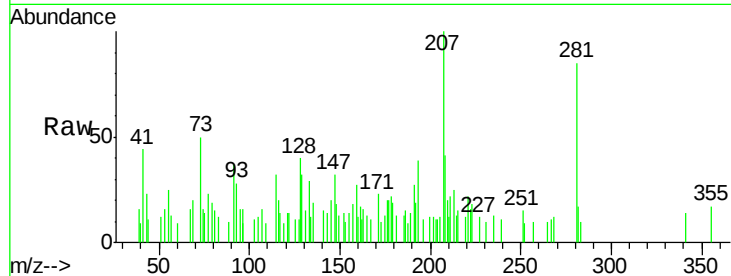
#81
 3,3'-Dichlorobenzidine
 Concen: 0.011 ng
 RT: 22.30 min Scan# 3236
 Delta R.T. 0.02 min
 Lab File: BG032588.D
 Acq: 7 Feb 2018 7:26

Instrument :
 BNA_G
 ClientSampled :
 LW-03-OW

Tot Ion	Ratio	Lower	Upper
252	100		
254	0.0	50.8	76.2#
126	0.0	7.4	11.2#

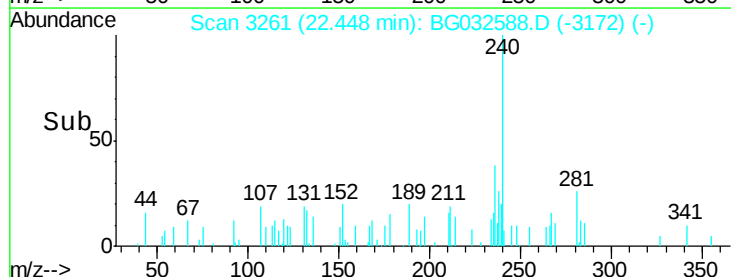
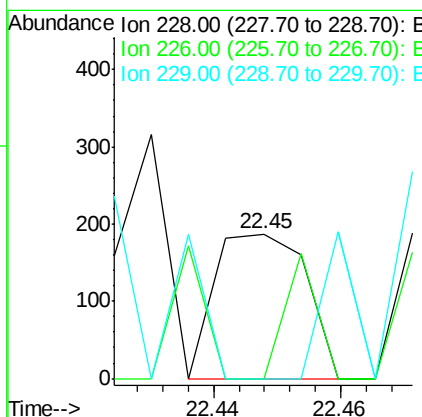
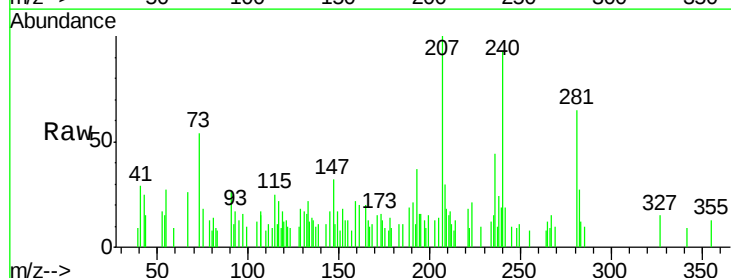
Manual Integrations
 APPROVED

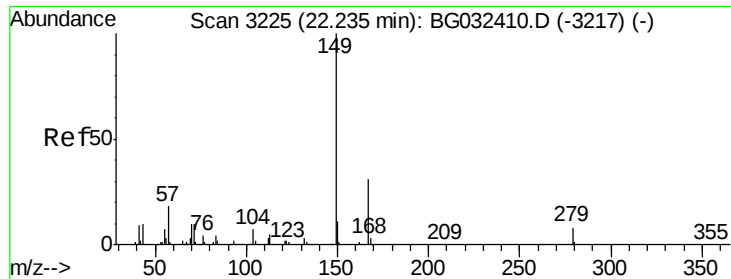
Sohil
 2/7/2018 4:15:06 PM



#82
 Chrysene
 Concen: 0.015 ng
 RT: 22.45 min Scan# 3261
 Delta R.T. -0.01 min
 Lab File: BG032588.D
 Acq: 7 Feb 2018 7:26

Tgt Ion	Ratio	Lower	Upper
228	100		
226	0.0	24.9	37.3#
229	0.0	15.0	22.4#





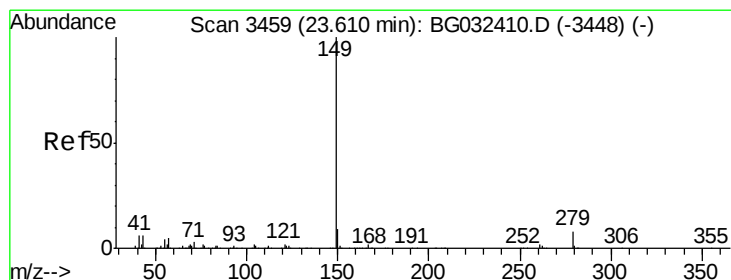
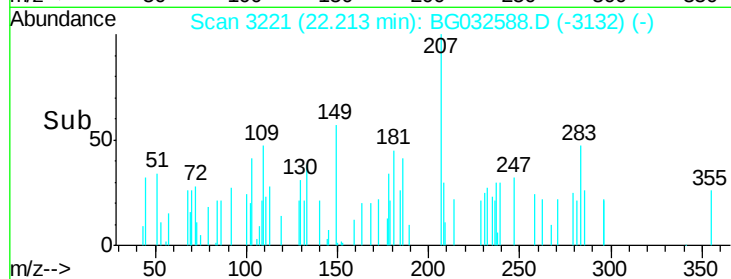
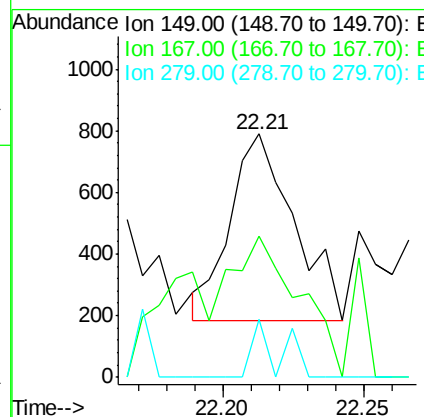
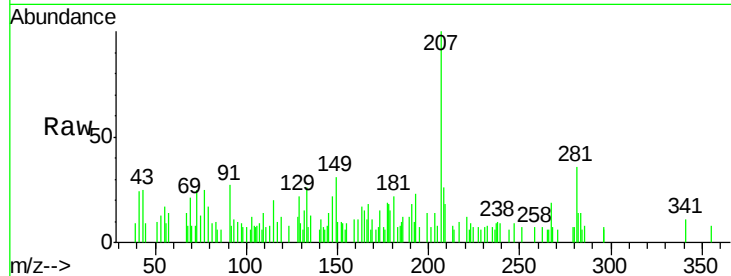
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 0.170 ng
 RT: 22.21 min Scan# 3221
 Delta R.T. -0.01 min
 Lab File: BG032588.D
 Acq: 7 Feb 2018 7:26

Instrument :
 BNA_G
 ClientSampleId :
 LW-03-OW

Tot Ion	Ratio	Lower	Upper
149	100		
167	58.2	24.3	36.5#
279	23.8	4.0	6.0#

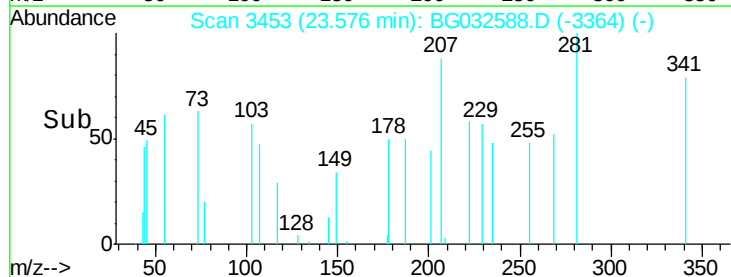
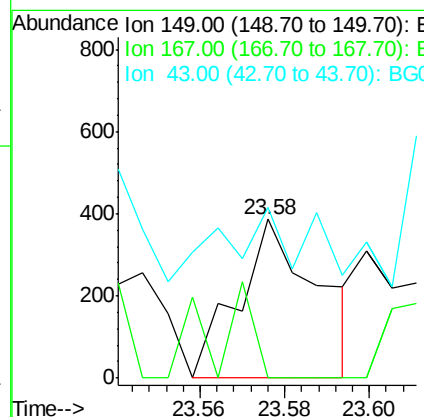
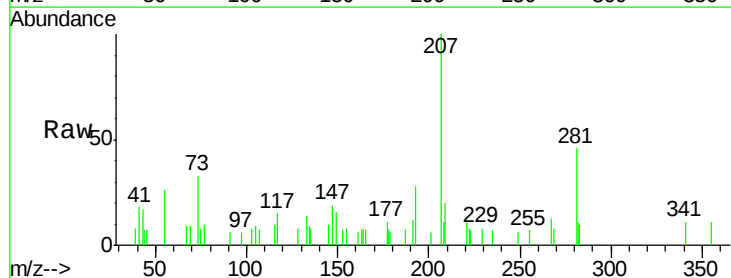
Manual Integrations
 APPROVED

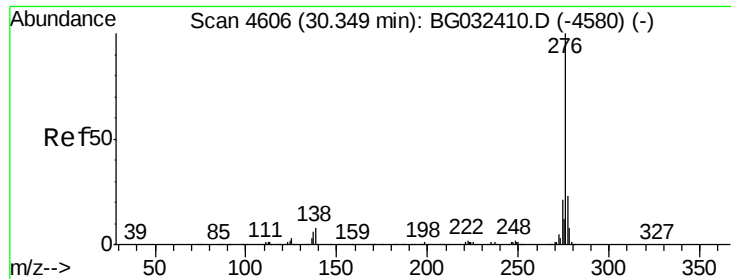
Sohil
 2/7/2018 4:15:06 PM



#84
 Di-n-octyl phthalate
 Concen: 0.057 ng
 RT: 23.58 min Scan# 3453
 Delta R.T. -0.01 min
 Lab File: BG032588.D
 Acq: 7 Feb 2018 7:26

Tgt Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.4	2.0#
43	0.0	8.9	13.3#





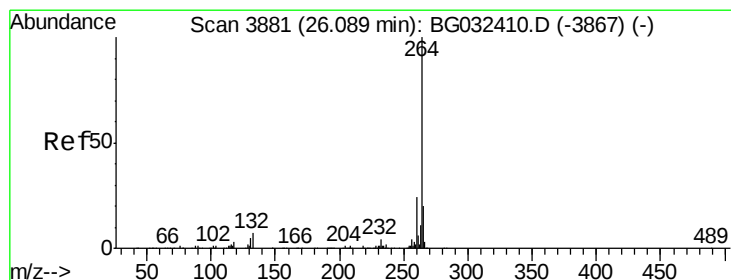
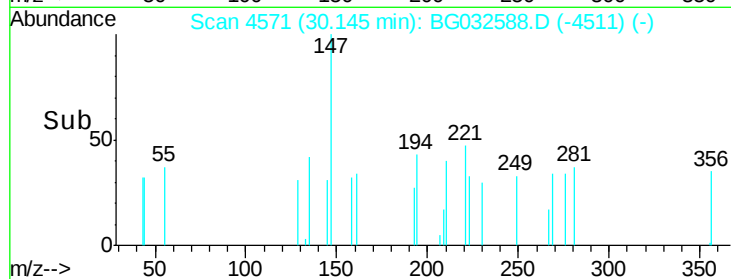
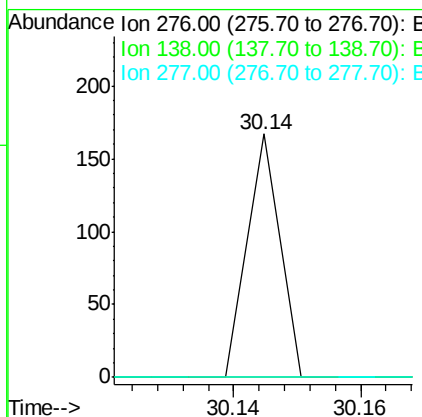
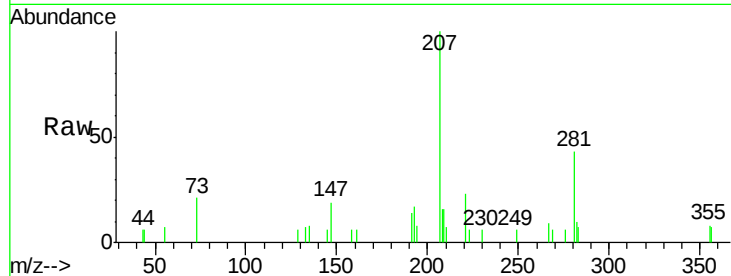
#85
Indeno(1,2,3-cd)pyrene
Concen: 0.004 ng
RT: 30.14 min Scan# 4571
Delta R.T. -0.18 min
Lab File: BG032588.D
Acq: 7 Feb 2018 7:26

Instrument :
BNA_G
ClientSampled :
LW-03-OW

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

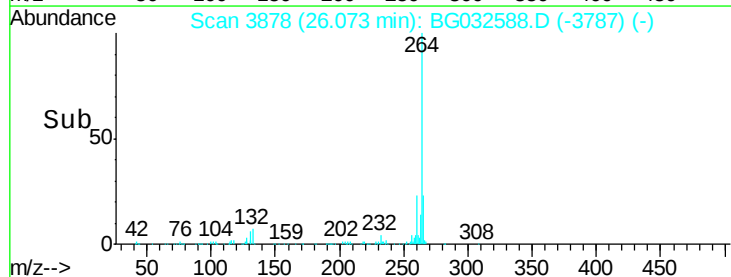
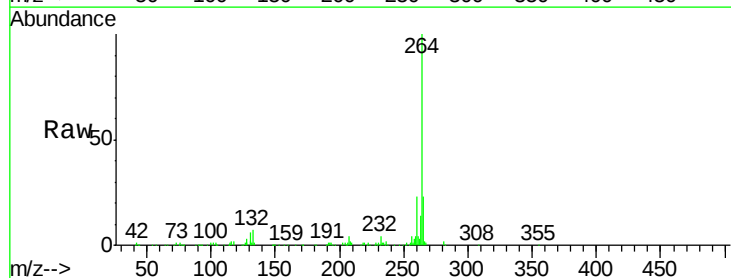
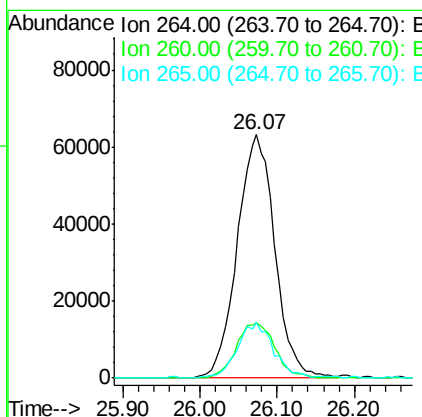
Manual Integrations
APPROVED

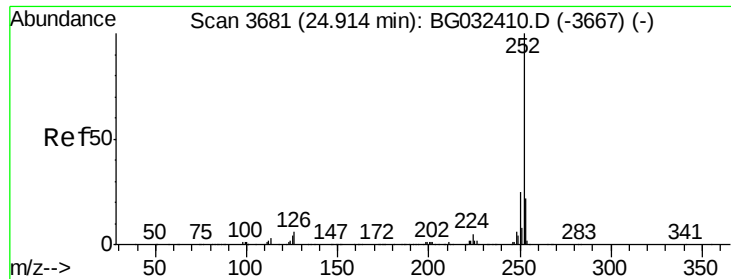
Sohil
2/7/2018 4:15:06 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 26.07 min Scan# 3878
Delta R.T. 0.01 min
Lab File: BG032588.D
Acq: 7 Feb 2018 7:26

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.5	17.4	26.0
265	23.0	17.7	26.5





#87

Benzo(b)fluoranthene

Concen: 0.005 ng

RT: 24.89 min Scan# 3677

Delta R.T. -0.01 min

Lab File: BG032588.D

Acq: 7 Feb 2018 7:26

Instrument :

BNA_G

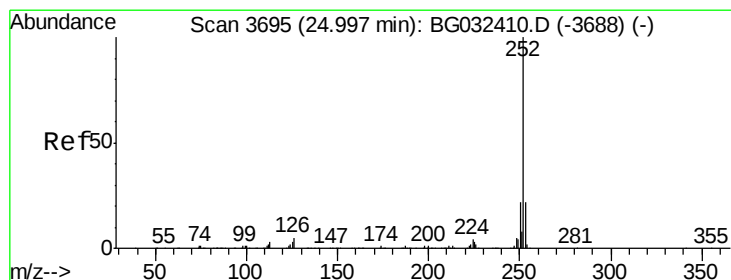
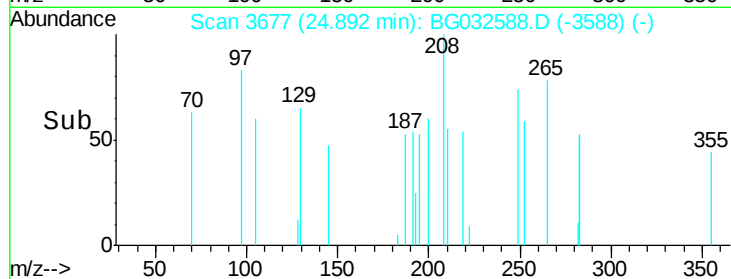
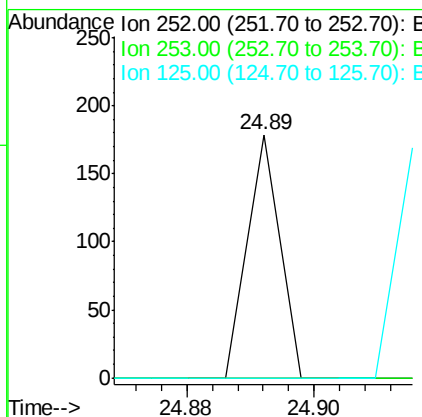
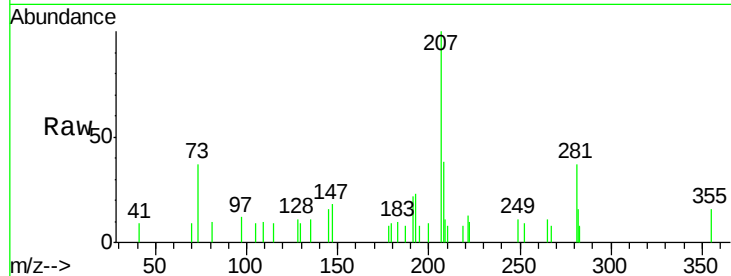
ClientSampled :

LW-03-OW

Tot Ion:	252	Resp:	63
Ion Ratio	Lower	Upper	
252	100		
253	0.0	18.2	27.4#
125	0.0	7.2	10.8#

Manual Integrations
APPROVED

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#88

Benzo(k)fluoranthene

Concen: 0.004 ng

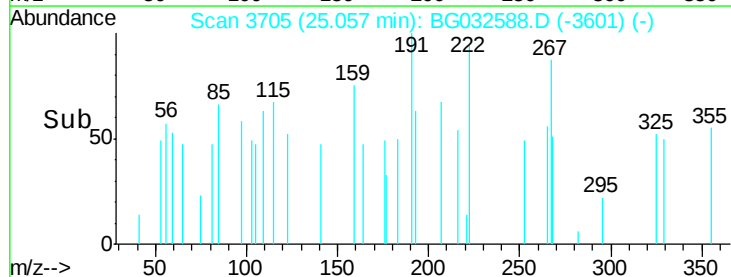
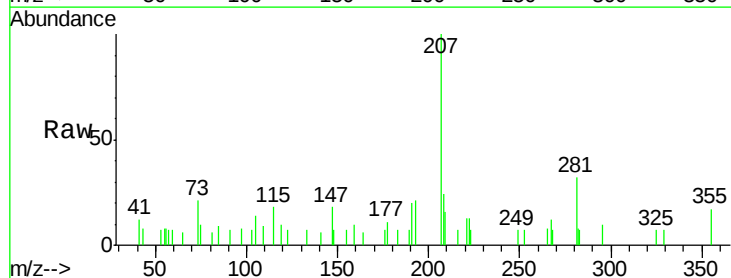
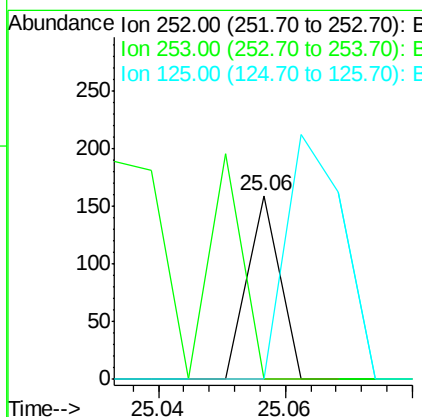
RT: 25.06 min Scan# 3705

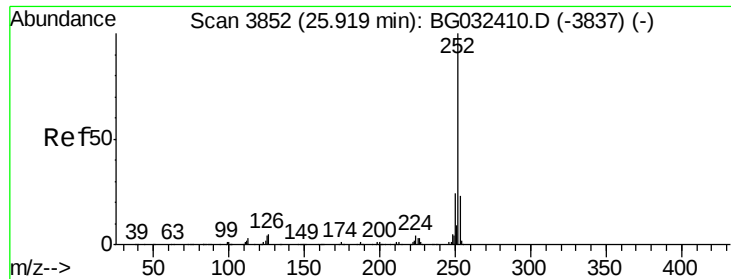
Delta R.T. 0.08 min

Lab File: BG032588.D

Acq: 7 Feb 2018 7:26

Tgt Ion:	252	Resp:	56
Ion Ratio	Lower	Upper	
252	100		
253	0.0	17.4	26.2#
125	0.0	6.6	9.8#





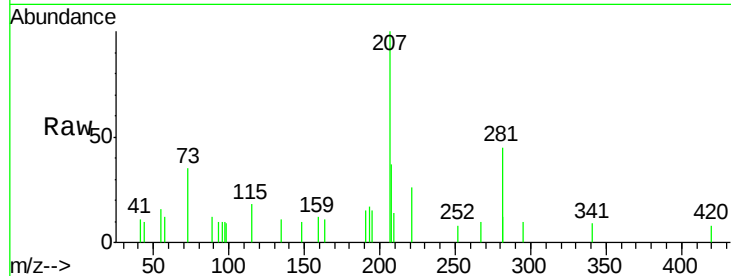
#89
Benzo(a)pyrene
Concen: 0.004 ng
RT: 25.87 min Scan# 3844
Delta R.T. -0.03 min
Lab File: BG032588.D
Acq: 7 Feb 2018 7:26

Instrument :
BNA_G
ClientSampleId :
LW-03-OW

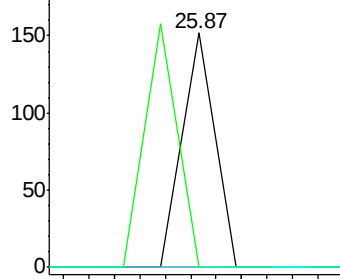
Tot Ion	Ratio	Lower	Upper
252	100		
253	0.0	18.3	27.5#
125	0.0	7.3	10.9#

Manual Integrations
APPROVED

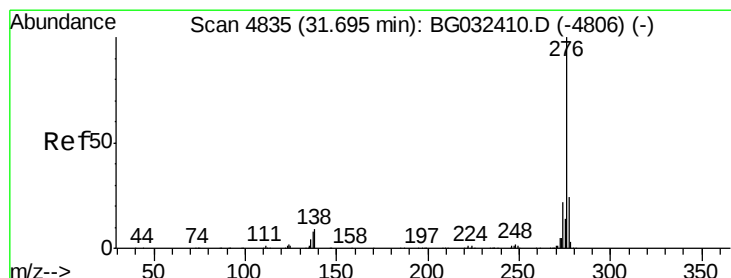
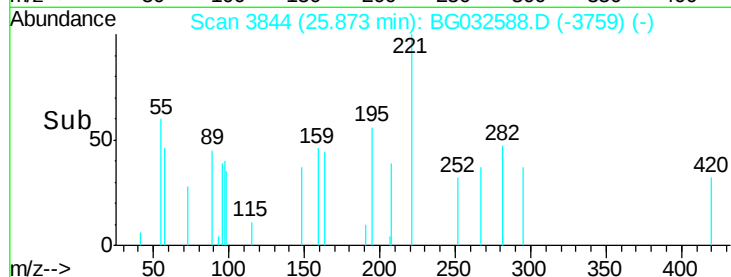
Sohil
2/7/2018 4:15:06 PM



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

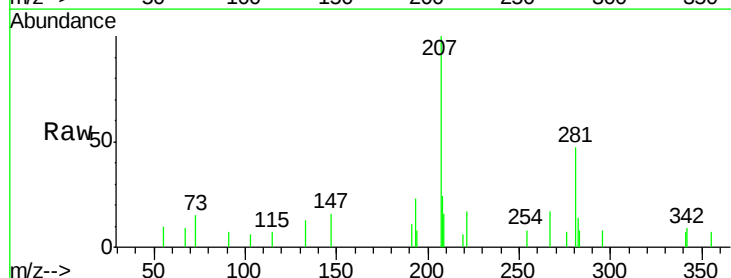


Time-->

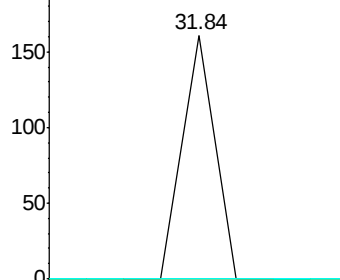


#91
Benzo(g,h,i)perylene
Concen: 0.005 ng
RT: 31.84 min Scan# 4860
Delta R.T. 0.18 min
Lab File: BG032588.D
Acq: 7 Feb 2018 7:26

Tgt Ion	Ratio	Lower	Upper
276	100		
277	0.0	18.3	27.5#
138	0.0	13.9	20.9#



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E



Time-->

