

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011618\
 Data File : BG032072.D
 Acq On : 16 Jan 2018 16:45
 Operator : SJ/JU
 Sample : J1114-03MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-22-3.0-3.5MS

Manual Integrations
 APPROVED

Sohil
 1/17/2018 10:43:04 AM

Quant Time: Jan 17 01:17:47 2018
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 15 10:05:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.76	152	49457	20.00	ng	-0.01
21) Naphthalene-d8	11.65	136	194650	20.00	ng	-0.01
38) Acenaphthene-d10	15.40	164	133937	20.00	ng	0.00
63) Phenanthrene-d10	18.13	188	338878	20.00	ng	-0.01
75) Chrysene-d12	22.47	240	402101	20.00	ng	-0.01
86) Perylene-d12	26.18	264	440463	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	6.20	112	422548	156.26	ng	0.00
7) Phenol-d6	7.88	99	530141	155.66	ng	0.00
23) Nitrobenzene-d5	9.97	82	308951	107.38	ng	0.00
41) 2,4,6-Tribromophenol	16.87	330	336891	152.00	ng	0.00
44) 2-Fluorobiphenyl	14.03	172	940503	87.07	ng	0.00
78) Terphenyl-d14	20.66	244	1650554	90.64	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.85	88	42248	40.667	ng	# 78
3) Pyridine	4.30	79	114101	41.147	ng	# 85
4) n-Nitrosodimethylamine	4.21	42	56827	58.331	ng	# 92
6) Aniline	8.06	93	54767	12.749	ng	94
8) 2-Chlorophenol	8.31	128	152896	50.529	ng	85
9) Benzaldehyde	7.86	77	21545	10.918	ng	# 78
10) Phenol	7.91	94	184805	55.086	ng	97
11) bis(2-Chloroethyl)ether	8.15	93	123121	45.808	ng	# 82
12) 1,3-Dichlorobenzene	8.65	146	178993m	45.197	ng	
13) 1,4-Dichlorobenzene	8.80	146	180707	45.318	ng	96
14) 1,2-Dichlorobenzene	9.13	146	174558	45.261	ng	98
15) Benzyl Alcohol	9.00	79	130583	52.780	ng	95
16) 2,2'-oxybis(1-Chloropropan	9.30	45	128862	47.176	ng	78
17) 2-Methylphenol	9.20	107	125143	48.810	ng	97
18) Hexachloroethane	9.89	117	59298	48.387	ng	# 79
19) n-Nitroso-di-n-propylamine	9.58	70	100652	47.633	ng	# 86
20) 3+4-Methylphenols	9.53	107	169644	47.763	ng	95
22) Acetophenone	9.61	105	218132	49.335	ng	# 87
24) Nitrobenzene	10.01	77	145512	50.703	ng	# 88
25) Isophorone	10.53	82	274897	51.312	ng	# 87
26) 2-Nitrophenol	10.74	139	89748	52.778	ng	# 83
27) 2,4-Dimethylphenol	10.77	122	159397	59.069	ng	95
28) bis(2-Chloroethoxy)methane	11.01	93	169719	52.581	ng	# 95
29) 2,4-Dichlorophenol	11.27	162	185860	55.975	ng	90
30) 1,2,4-Trichlorobenzene	11.50	180	207105	48.296	ng	98
31) Naphthalene	11.70	128	457083	47.403	ng	98
32) Benzoic acid	10.91	122	8085	8.582	ng	# 59
33) 4-Chloroaniline	11.79	127	52473	12.690	ng	# 90
34) Hexachlorobutadiene	11.97	225	146195	47.466	ng	97
35) Caprolactam	12.54	113	56103	55.694	ng	# 50
36) 4-Chloro-3-methylphenol	12.87	107	166910	54.918	ng	# 83
37) 2-Methylnaphthalene	13.26	142	368635	48.154	ng	95
39) 1,2,4,5-Tetrachlorobenzene	13.62	216	277154	47.472	ng	# 96
40) Hexachlorocyclopentadiene	13.59	237	341682	103.907	ng	92

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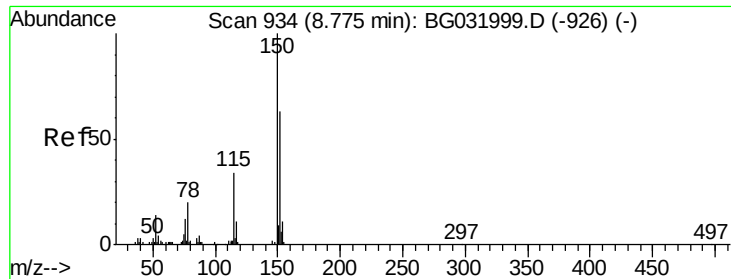
Manual Integrations
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 1/17/2018 10:43:04 AM

Quant Time: Jan 17 01:17:47 2018
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 15 10:05:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.84	196	177459	54.096	ng	97
43) 2,4,5-Trichlorophenol	13.92	196	190239	50.101	ng	# 91
45) 1,1'-Biphenyl	14.24	154	532233	46.353	ng	96
46) 2-Chloronaphthalene	14.29	162	402505	45.062	ng	97
47) 2-Nitroaniline	14.48	65	93245	54.530	ng	# 72
48) Acenaphthylene	15.13	152	604727	44.458	ng	99
49) Dimethylphthalate	14.83	163	613896	52.377	ng	# 99
50) 2,6-Dinitrotoluene	14.96	165	122381	50.305	ng	# 74
51) Acenaphthene	15.47	154	456503	50.755	ng	95
52) 3-Nitroaniline	15.29	138	41558	18.914	ng	# 70
53) 2,4-Dinitrophenol	15.49	184	127034	101.997	ng	# 73
54) Dibenzofuran	15.79	168	636138	47.412	ng	99
55) 4-Nitrophenol	15.57	139	181167	113.138	ng	# 81
56) 2,4-Dinitrotoluene	15.73	165	176362	53.846	ng	# 68
57) Fluorene	16.44	166	515528	46.849	ng	98
58) 2,3,4,6-Tetrachlorophenol	16.00	232	203620	57.968	ng	# 85
59) Diethylphthalate	16.17	149	533897	46.987	ng	97
60) 4-Chlorophenyl-phenylether	16.41	204	324284	48.040	ng	94
61) 4-Nitroaniline	16.44	138	94012	44.603	ng	88
62) Azobenzene	16.71	77	344006	48.371	ng	88
64) 4,6-Dinitro-2-methylphenol	16.49	198	108492	49.813	ng	# 70
65) n-Nitrosodiphenylamine	16.62	169	483219	46.992	ng	100
66) 4-Bromophenyl-phenylether	17.31	248	235820	48.909	ng	96
67) Hexachlorobenzene	17.44	284	238167	44.648	ng	# 91
68) Atrazine	17.55	200	225744	52.202	ng	96
69) Pentachlorophenol	17.77	266	329278	96.572	ng	98
70) Phenanthrene	18.18	178	881269	46.708	ng	99
71) Anthracene	18.26	178	896353	47.632	ng	99
72) Carbazole	18.52	167	778582	47.694	ng	99
73) Di-n-butylphthalate	19.03	149	889709	46.124	ng	100
74) Fluoranthene	20.13	202	1139512	48.237	ng	95
76) Benzidine	20.29	184	247554	24.620	ng	98
77) Pyrene	20.49	202	1140324	45.112	ng	97
79) Butylbenzylphthalate	21.35	149	404875	44.705	ng	# 74
80) Benzo(a)anthracene	22.45	228	1180174	47.194	ng	98
81) 3,3'-Dichlorobenzidine	22.34	252	161259	17.263	ng	# 95
82) Chrysene	22.52	228	1119539	46.617	ng	98
83) Bis(2-ethylhexyl)phthalate	22.29	149	582503	43.861	ng	# 97
84) Di-n-octyl phthalate	23.68	149	1003666	47.583	ng	# 88
85) Indeno(1,2,3-cd)pyrene	30.49	276	1430431	48.670	ng	# 87
87) Benzo(b)fluoranthene	24.99	252	1247105	46.842	ng	# 96
88) Benzo(k)fluoranthene	25.07	252	1251468m	48.105	ng	
89) Benzo(a)pyrene	26.01	252	1218967	48.401	ng	# 97
90) Dibenzo(a,h)anthracene	30.57	278	1167333	48.099	ng	# 93
91) Benzo(g,h,i)perylene	31.85	276	1213529	48.922	ng	# 93

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



#1

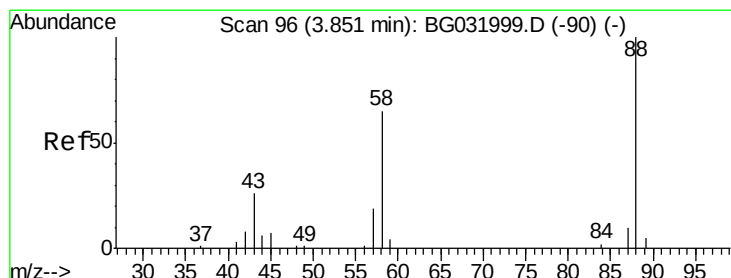
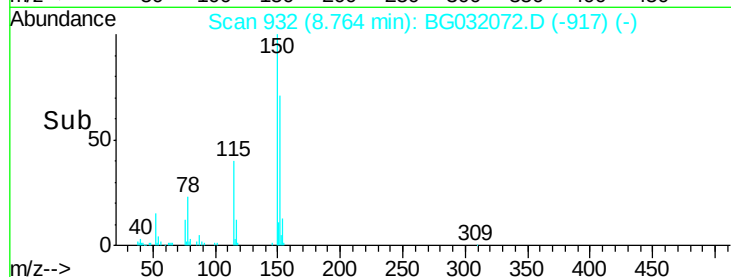
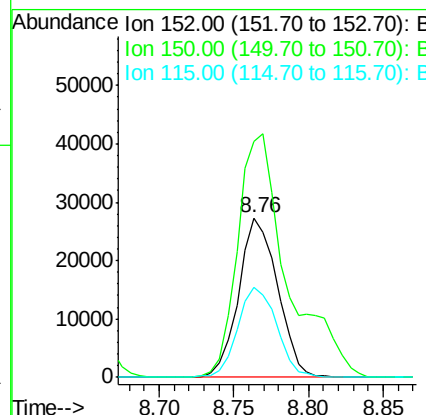
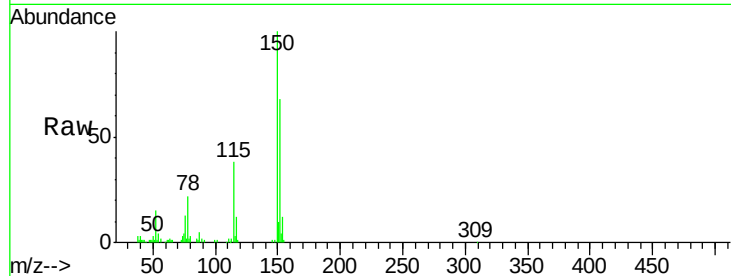
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.76 min Scan# 932
Delta R.T. -0.01 min
Lab File: BG032072.D
Acq: 16 Jan 2018 16:45

Instrument :
BNA_G
ClientSampleId :
SB-22-3.0-3.5MS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	147.8	126.6	189.8
115	56.7	53.0	79.4

Manual Integrations
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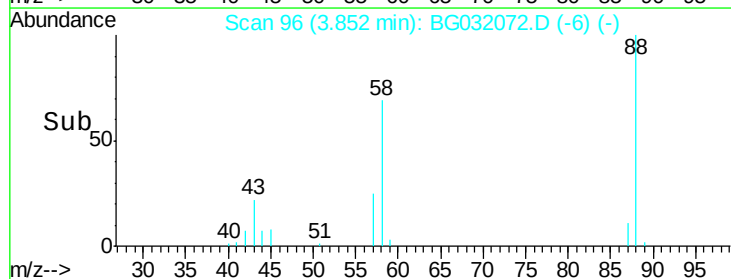
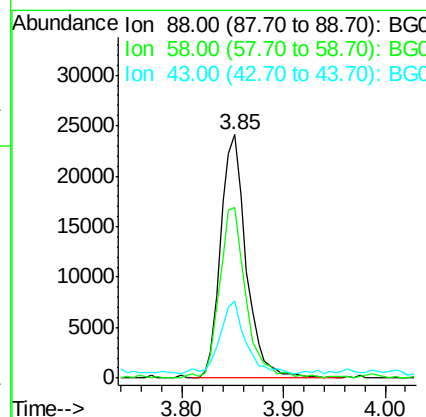
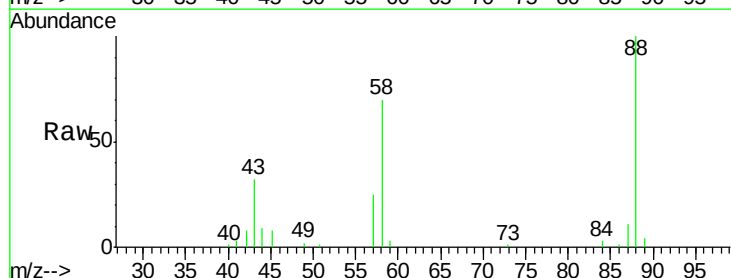
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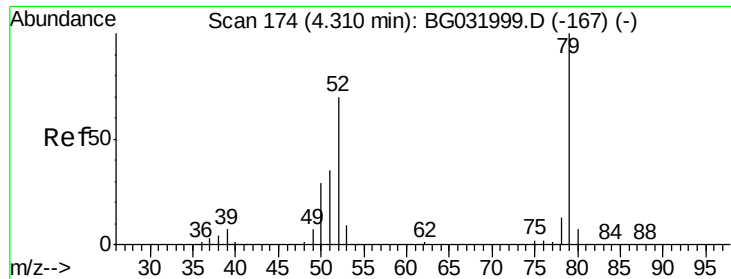


#2

1,4-Dioxane
Concen: 40.667 ng
RT: 3.85 min Scan# 96
Delta R.T. 0.00 min
Lab File: BG032072.D
Acq: 16 Jan 2018 16:45

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.4	79.6	119.4#
43	29.4	27.4	41.0





#3

Pyridine

Concen: 41.147 ng

RT: 4.30 min Scan# 172

Delta R.T. -0.01 min

Lab File: BG032072.D

Acq: 16 Jan 2018 16:45

Instrument :

BNA_G

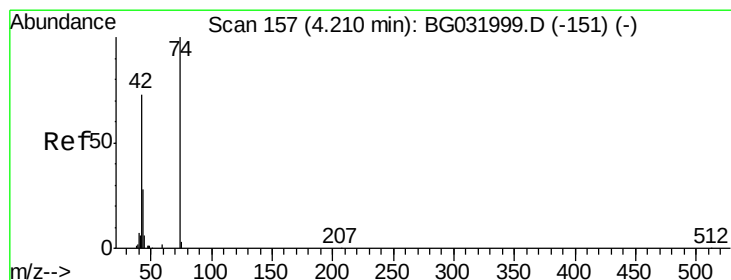
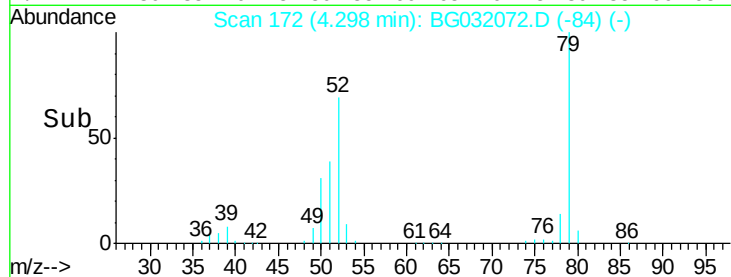
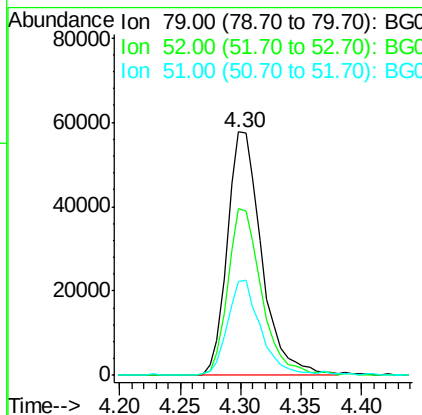
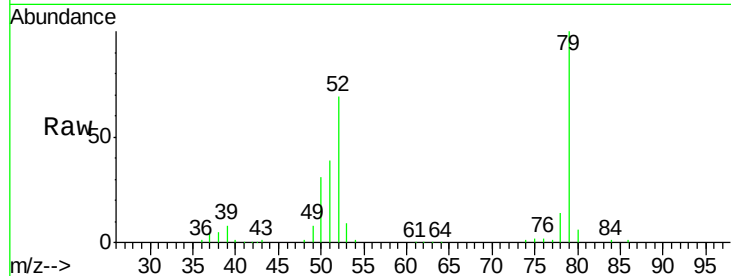
ClientSampleId :

SB-22-3.0-3.5MS

Tgt Ion	Ratio	Lower	Upper
79	100		
52	68.7	69.9	104.9#
51	38.8	34.0	51.0

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 58.331 ng

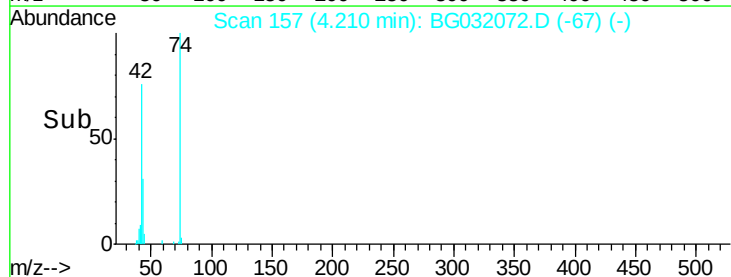
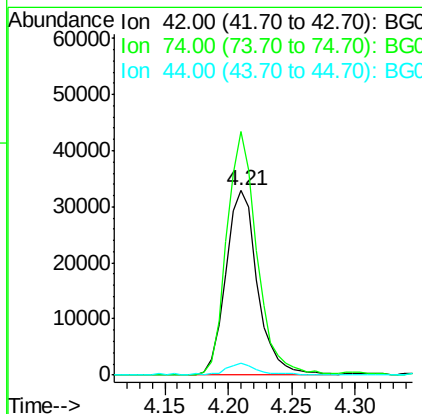
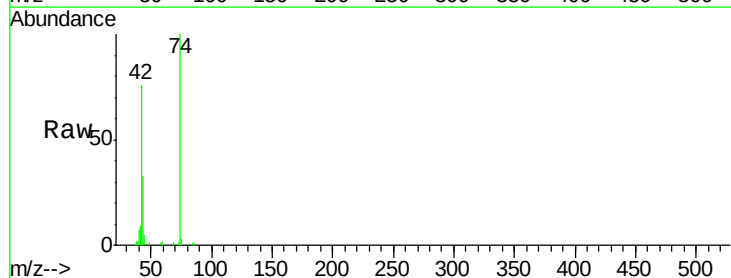
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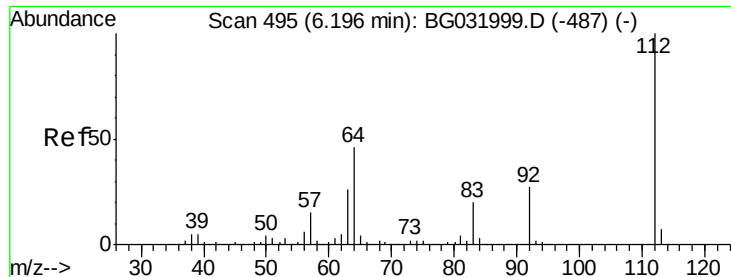
Delta R.T. 0.00 min

Lab File: BG032072.D

Acq: 16 Jan 2018 16:45

Tgt Ion	Ratio	Lower	Upper
42	100		
74	132.0	102.5	153.7
44	6.3	18.9	28.3#





#5

2-Fluorophenol

Concen: 156.259 ng

RT: 6.20 min Scan# 495

Delta R.T. 0.00 min

Lab File: BG032072.D

Acq: 16 Jan 2018 16:45

Instrument :

BNA_G

ClientSampleId :

SB-22-3.0-3.5MS

Tgt Ion: 112 Resp: 422548

Ion Ratio Lower Upper

112 100

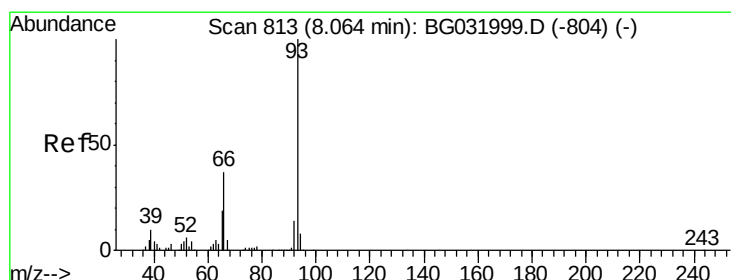
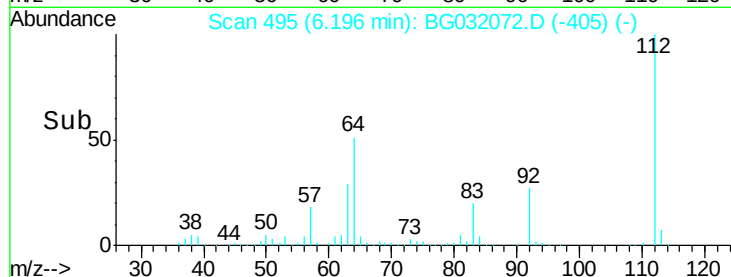
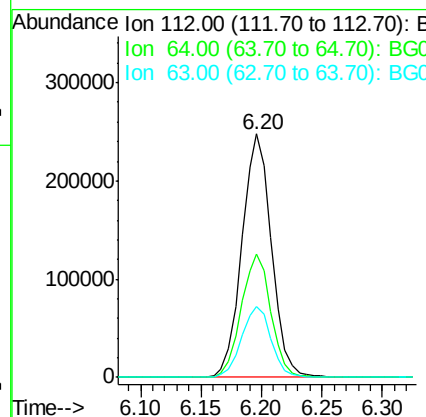
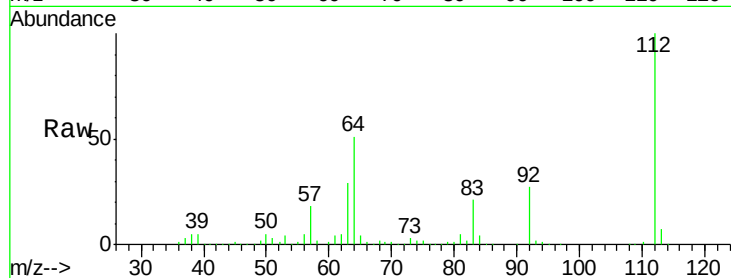
64 50.7 56.3 84.5#

63 29.2 30.1 45.1#

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#6

Aniline

Concen: 12.749 ng

RT: 8.06 min Scan# 813

Delta R.T. 0.00 min

Lab File: BG032072.D

Acq: 16 Jan 2018 16:45

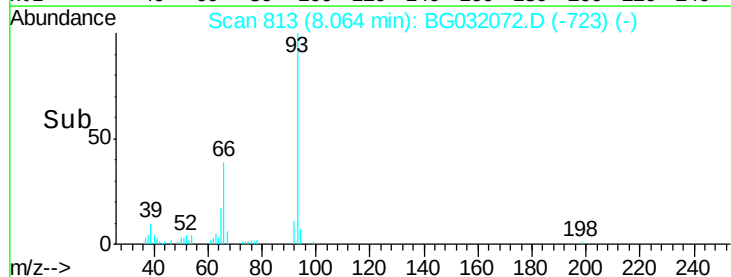
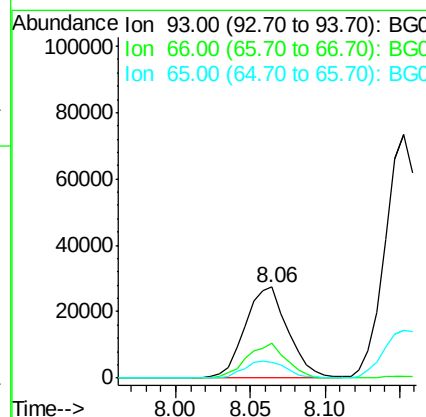
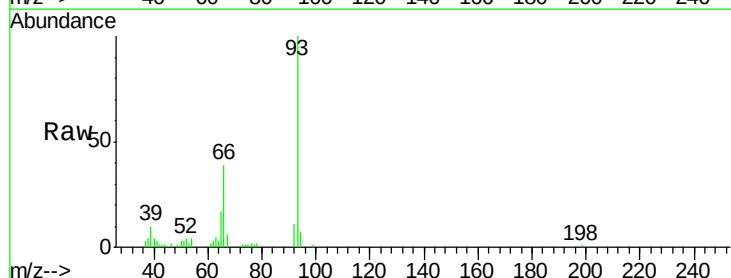
Tgt Ion: 93 Resp: 54767

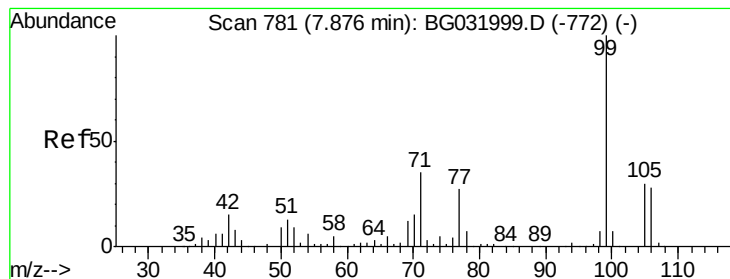
Ion Ratio Lower Upper

93 100

66 38.6 33.7 50.5

65 17.5 16.1 24.1





#7

Phenol-d6

Concen: 155.663 ng

RT: 7.88 min Scan# 781

Delta R.T. 0.00 min

Lab File: BG032072.D

Acq: 16 Jan 2018 16:45

Instrument :

BNA_G

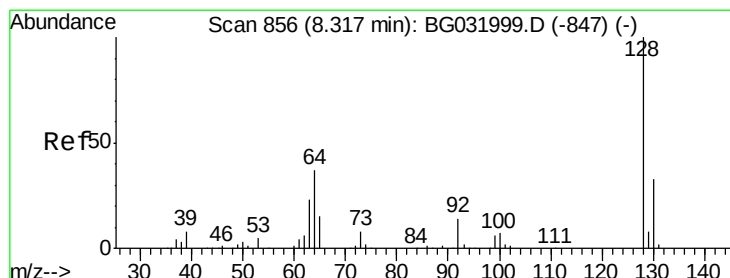
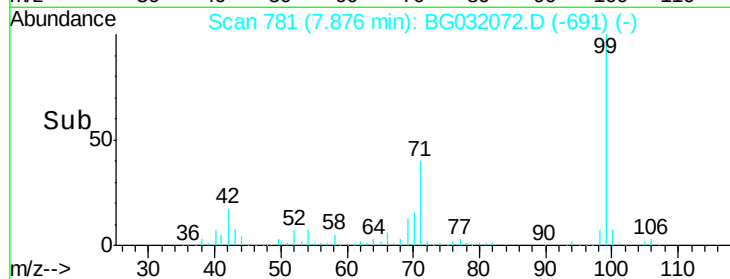
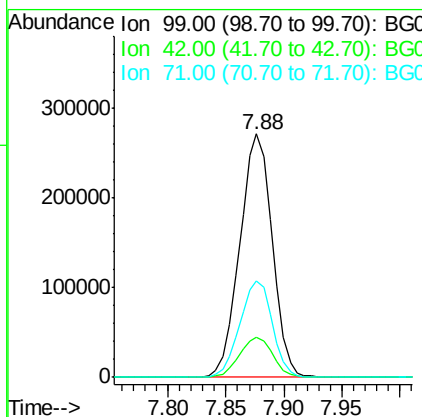
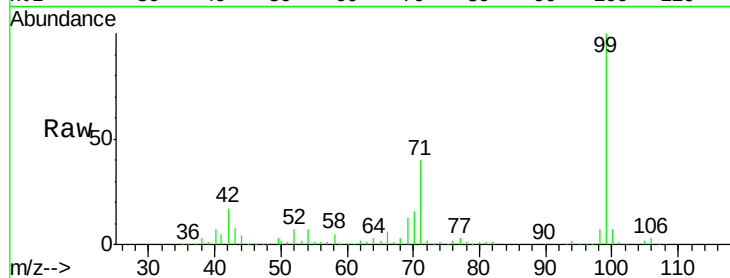
ClientSampleId :

SB-22-3.0-3.5MS

Tgt Ion:	99	Resp:	530141
Ion Ratio	Lower	Upper	
99	100		
42	16.7	14.1	21.1
71	39.6	26.1	39.1#

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#8

2-Chlorophenol

Concen: 50.529 ng

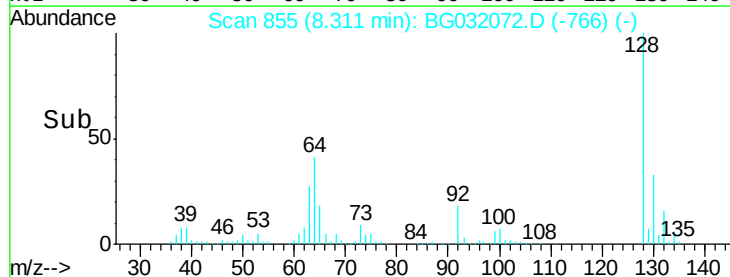
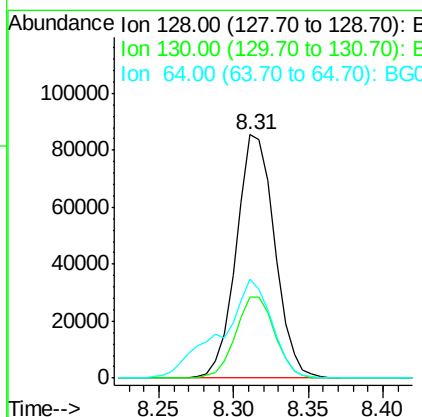
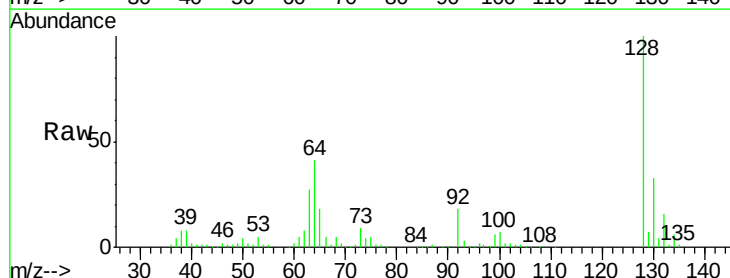
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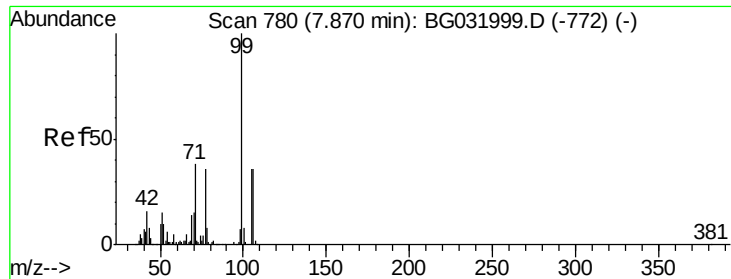
Delta R.T. -0.01 min

Lab File: BG032072.D

Acq: 16 Jan 2018 16:45

Tgt Ion:	128	Resp:	152896
Ion Ratio	Lower	Upper	
128	100		
130	33.2	14.0	54.0
64	40.8	37.7	77.7





#9

Benzaldehyde

Concen: 10.918 ng

RT: 7.86 min Scan# 779

Delta R.T. -0.01 min

Lab File: BG032072.D

Acq: 16 Jan 2018 16:45

Instrument :

BNA_G

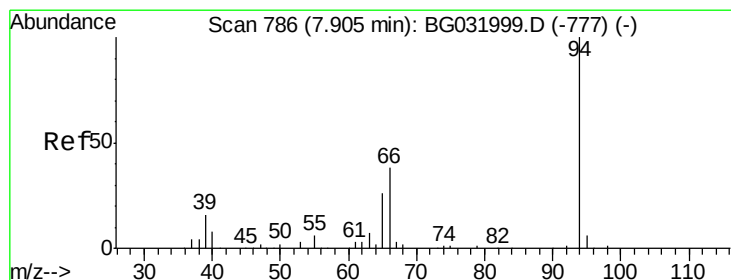
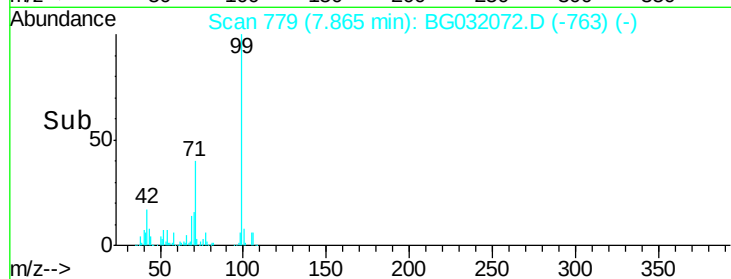
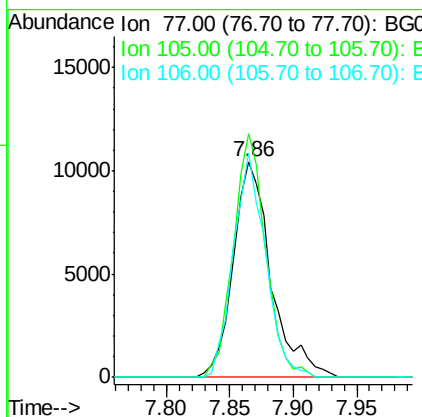
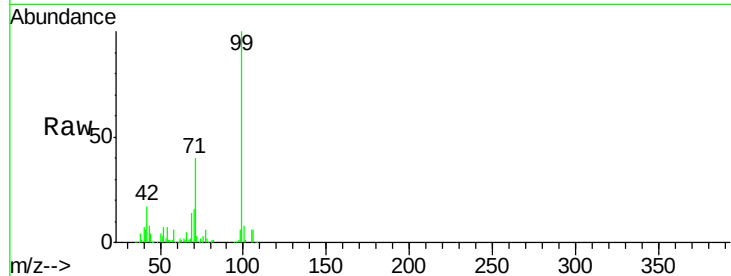
ClientSampleId :

SB-22-3.0-3.5MS

Tgt Ion	Ratio	Lower	Upper
77	100		
105	113.0	71.3	111.3#
106	103.9	64.2	104.2

Manual Integrations
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#10

Phenol

Concen: 55.086 ng

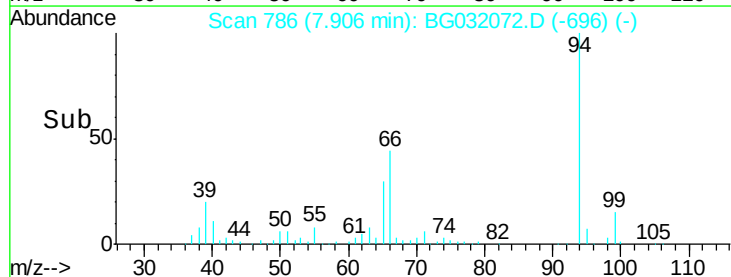
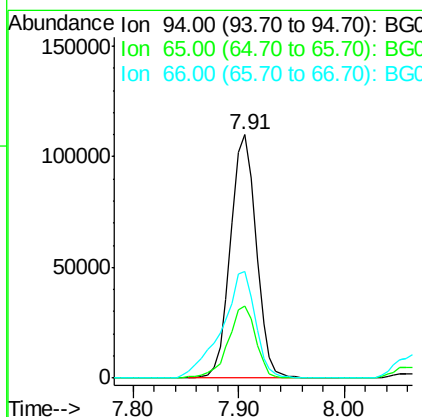
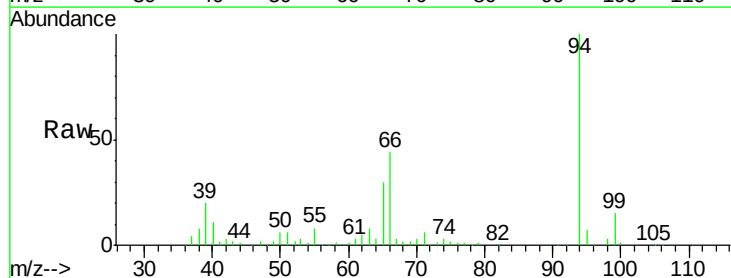
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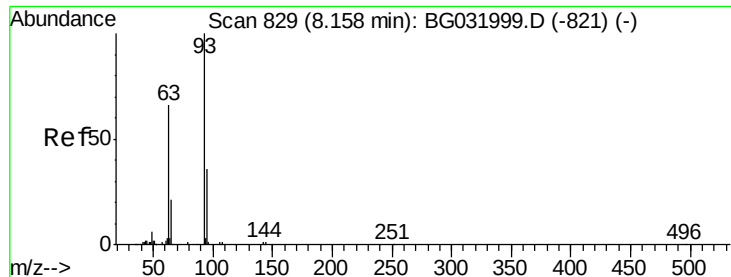
Delta R.T. 0.00 min

Lab File: BG032072.D

Acq: 16 Jan 2018 16:45

Tgt Ion	Ratio	Lower	Upper
94	100		
65	29.8	11.9	51.9
66	43.9	22.2	62.2





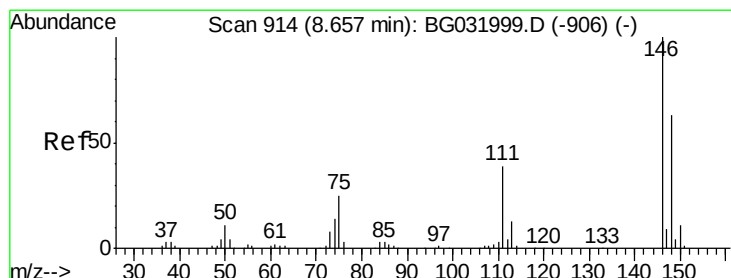
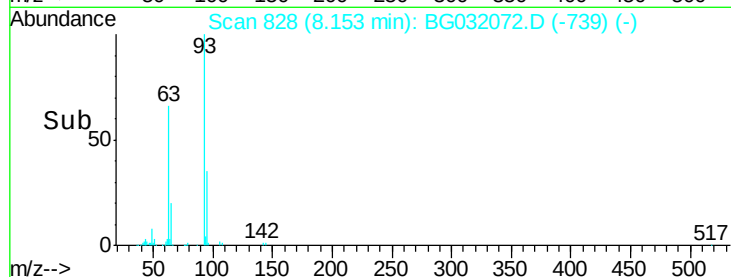
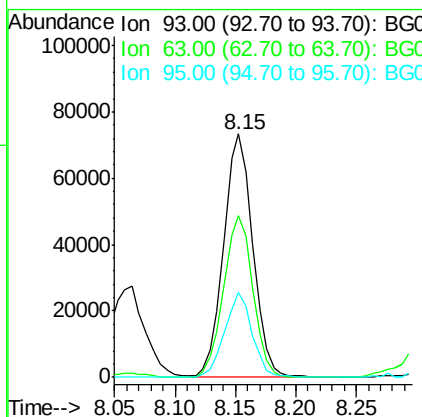
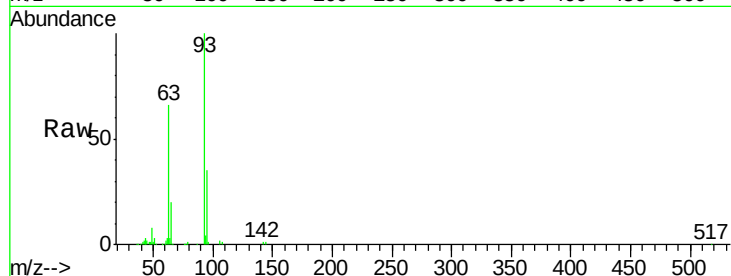
#11
bis(2-Chloroethyl)ether
Concen: 45.808 ng
RT: 8.15 min Scan# 828
Delta R.T. -0.01 min
Lab File: BG032072.D
Acq: 16 Jan 2018 16:45

Instrument :
BNA_G
ClientSampleId :
SB-22-3.0-3.5MS

Tgt Ion	Ratio	Lower	Upper
93	100		
63	66.4	67.1	107.1#
95	34.8	11.5	51.5

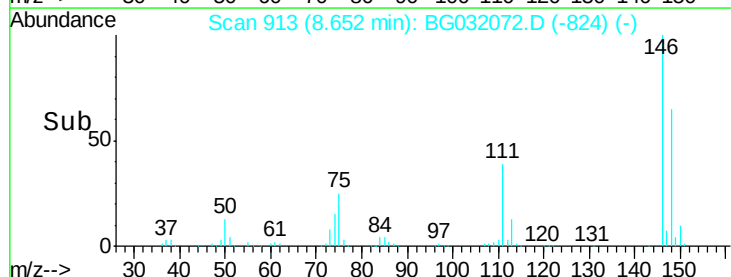
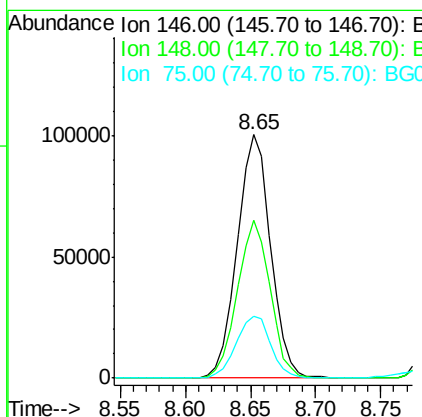
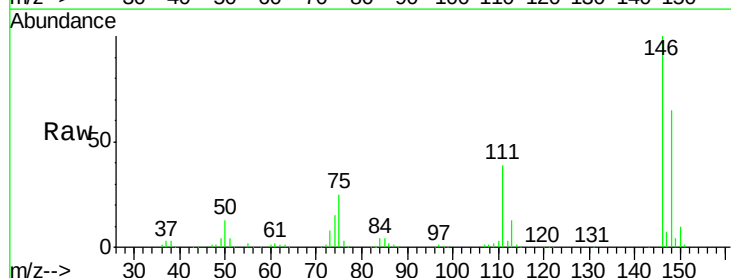
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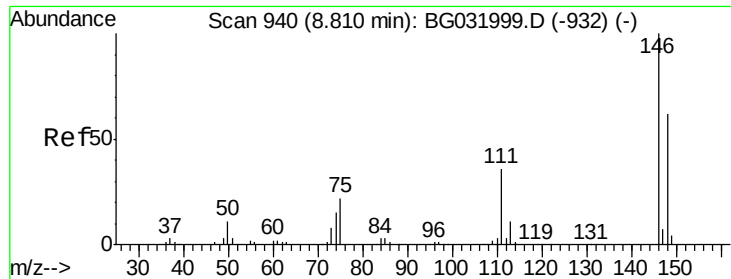
Sohil
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#12
1,3-Dichlorobenzene
Concen: 45.197 ng m
RT: 8.65 min Scan# 913
Delta R.T. -0.01 min
Lab File: BG032072.D
Acq: 16 Jan 2018 16:45

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.4	77.2
75	25.3	26.6	39.8#





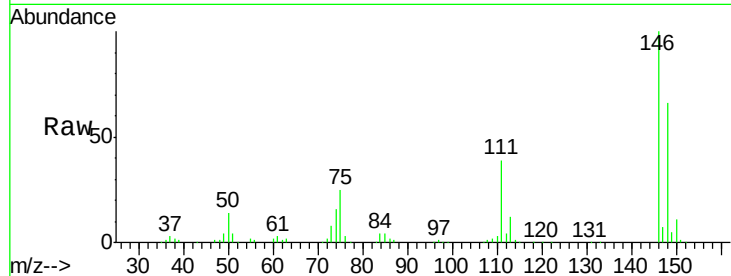
#13
 1,4-Dichlorobenzene
 Concen: 45.318 ng
 RT: 8.80 min Scan# 939
 Delta R.T. -0.01 min
 Lab File: BG032072.D
 Acq: 16 Jan 2018 16:45

Instrument :
 BNA_G
 ClientSampleID :
 SB-22-3.0-3.5MS

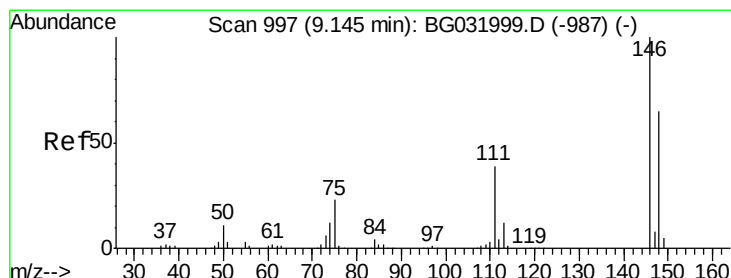
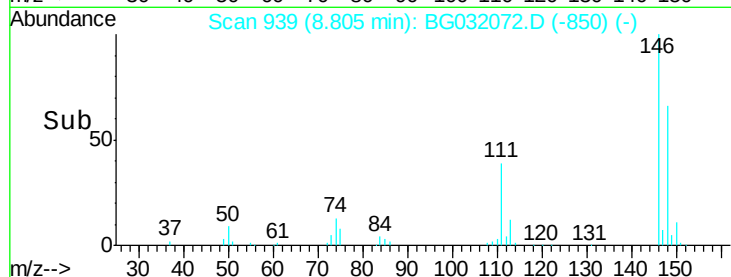
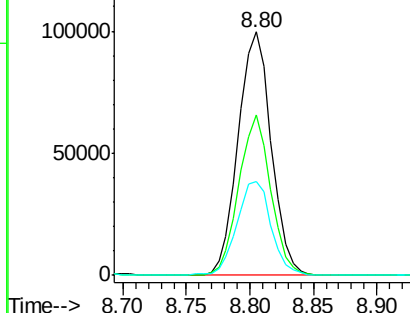
Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.7	53.7	80.5
111	38.7	35.2	52.8

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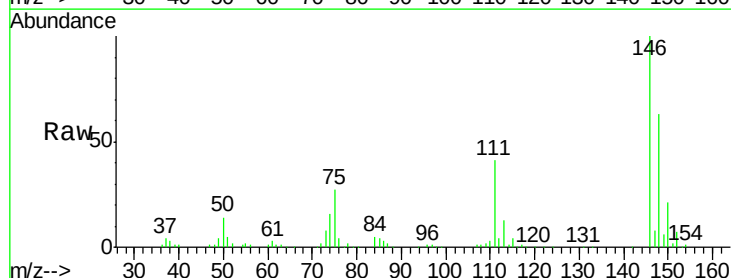


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

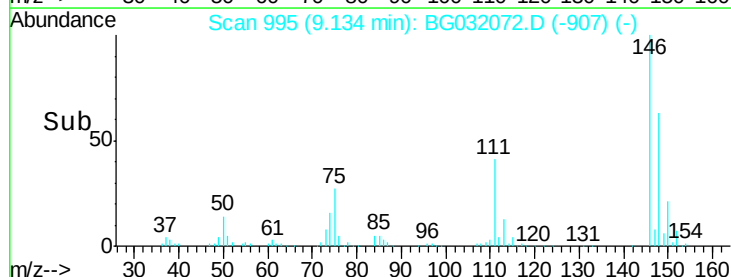
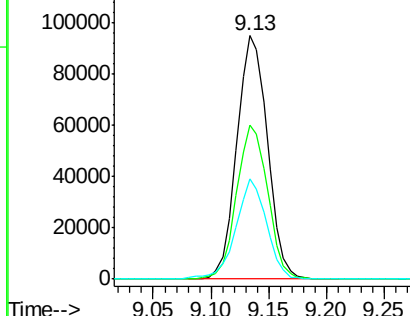


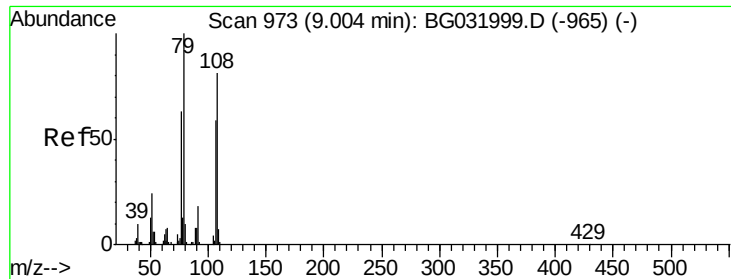
#14
 1,2-Dichlorobenzene
 Concen: 45.261 ng
 RT: 9.13 min Scan# 995
 Delta R.T. -0.01 min
 Lab File: BG032072.D
 Acq: 16 Jan 2018 16:45

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	49.3	73.9
111	41.3	34.3	51.5



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





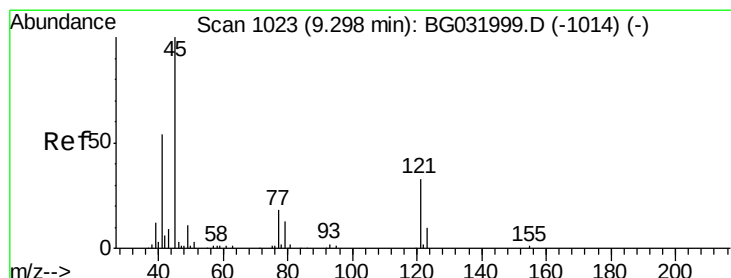
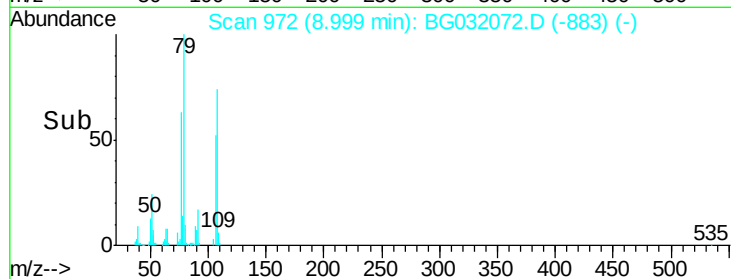
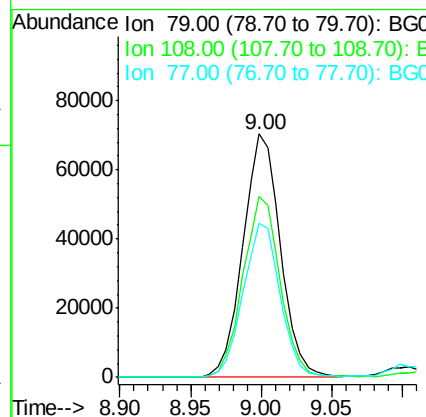
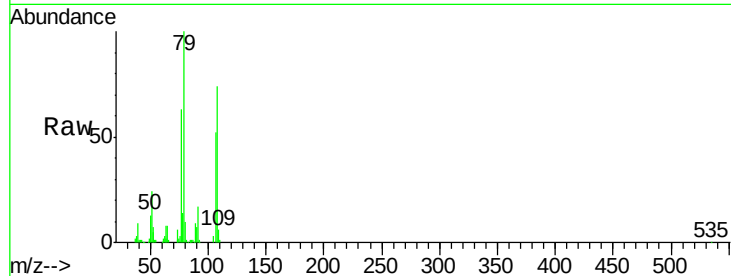
#15
Benzyl Alcohol
Concen: 52.780 ng
RT: 9.00 min Scan# 972
Delta R.T. -0.01 min
Lab File: BG032072.D
Acq: 16 Jan 2018 16:45

Instrument :
BNA_G
ClientSampleId :
SB-22-3.0-3.5MS

Tgt Ion	Ratio	Lower	Upper
79	100		
108	74.1	57.2	85.8
77	63.3	46.1	69.1

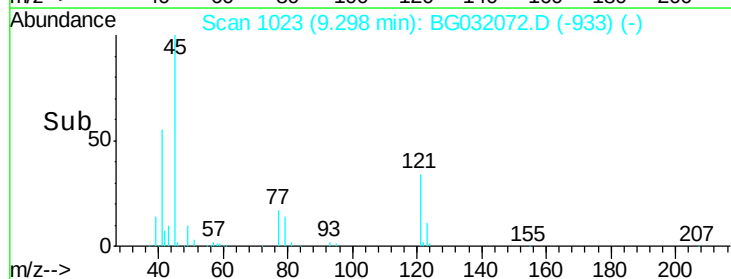
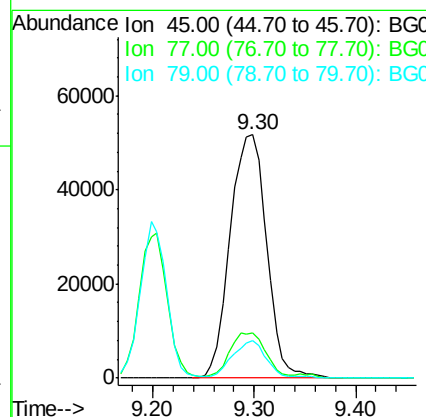
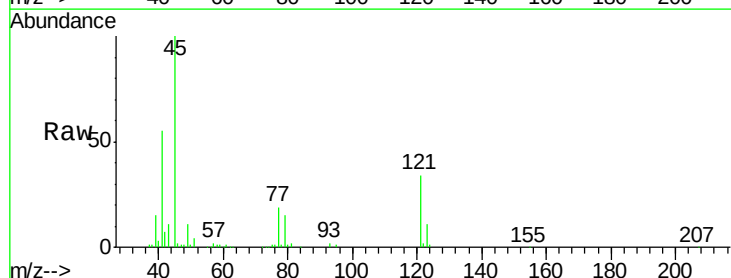
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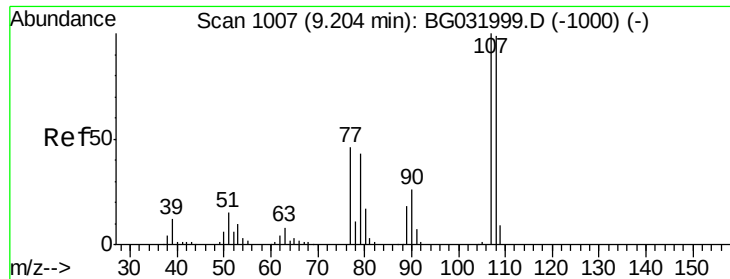
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.176 ng
RT: 9.30 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BG032072.D
Acq: 16 Jan 2018 16:45

Tgt Ion	Ratio	Lower	Upper
45	100		
77	18.8	0.0	30.2
79	15.2	0.0	27.9





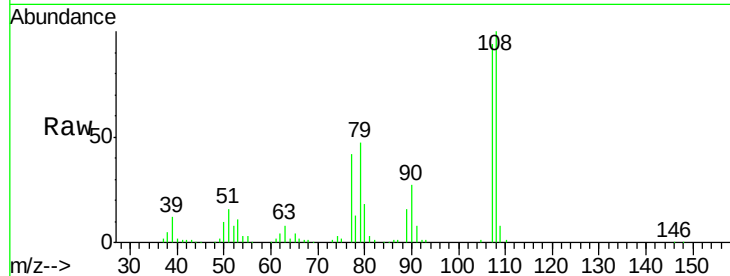
#17
2-Methylphenol
Concen: 48.810 ng
RT: 9.20 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BG032072.D
Acq: 16 Jan 2018 16:45

Instrument :
BNA_G
ClientSampleId :
SB-22-3.0-3.5MS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	125143		
108	106.6	83.9	125.9	
77	45.0	37.2	55.8	
79	50.1	36.2	54.2	

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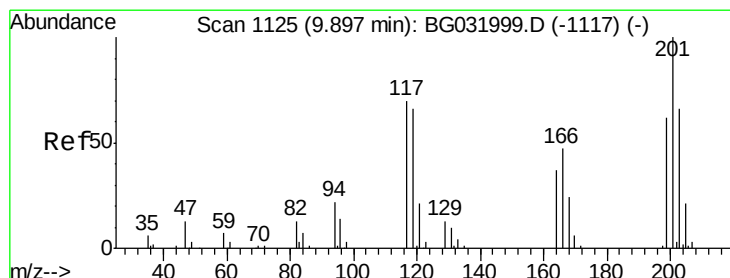
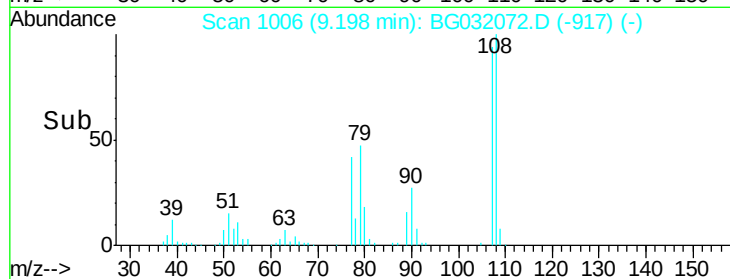
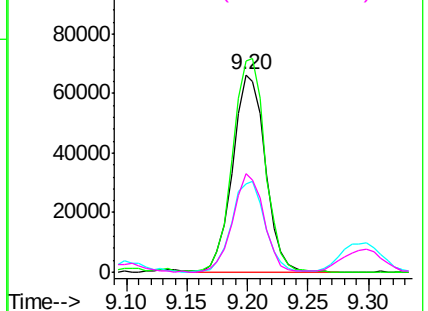
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

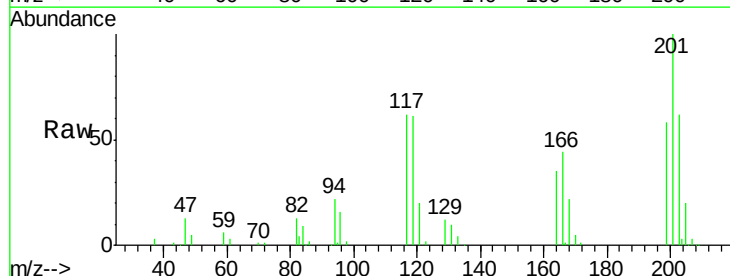
Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18
Hexachloroethane
Concen: 48.387 ng
RT: 9.89 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BG032072.D
Acq: 16 Jan 2018 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	59298		
119	97.8	76.7	115.1	
201	160.6	95.7	143.5#	

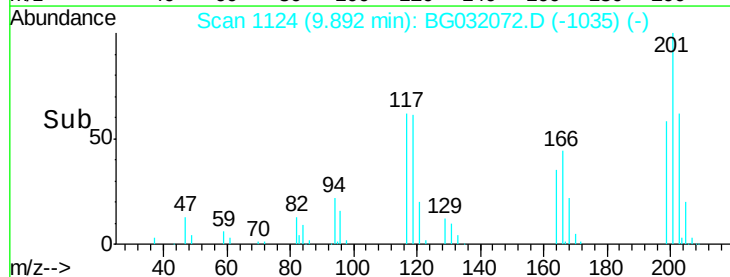
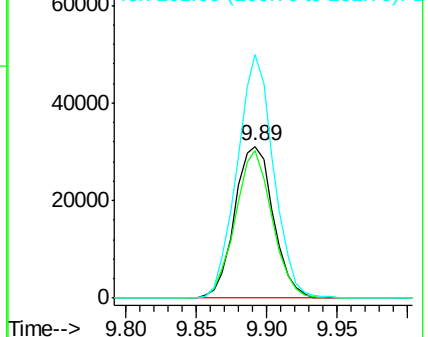


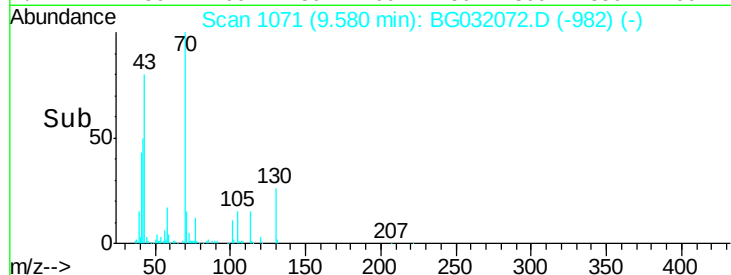
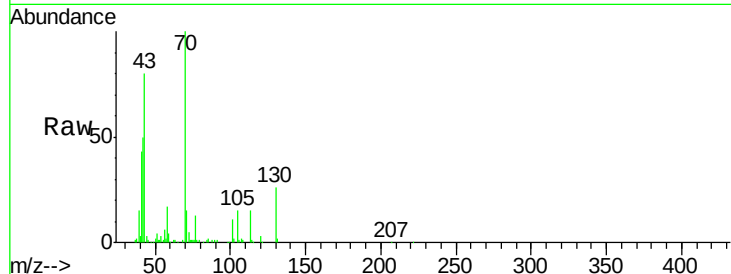
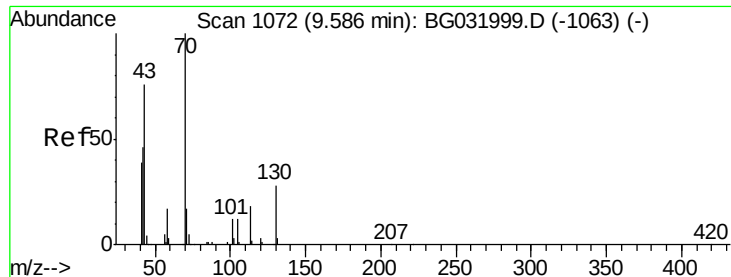
Abundance

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





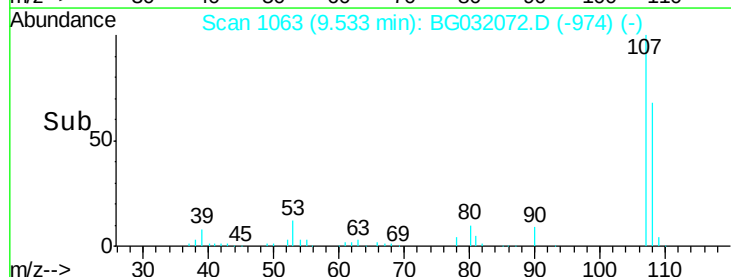
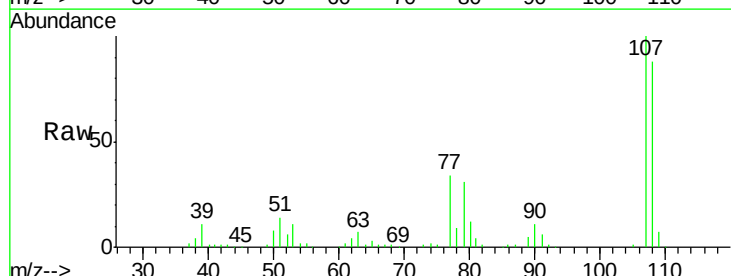
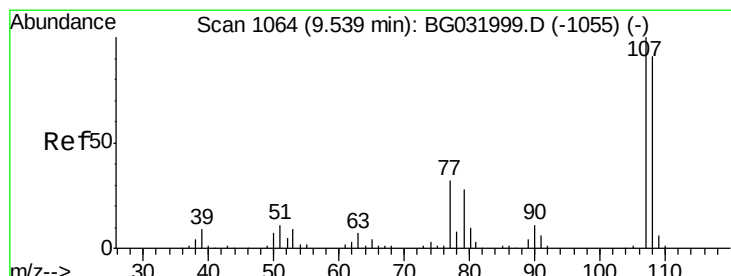
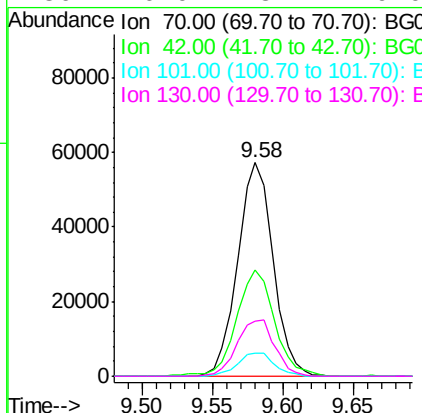
#19
n-Nitroso-di-n-propylamine
Concen: 47.633 ng
RT: 9.58 min Scan# 1071
Delta R.T. -0.01 min
Lab File: BG032072.D
Acq: 16 Jan 2018 16:45

Instrument :
BNA_G
ClientSampleId :
SB-22-3.0-3.5MS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	50.0	49.1	73.7
101	11.0	8.5	12.7
130	26.0	13.4	20.0#

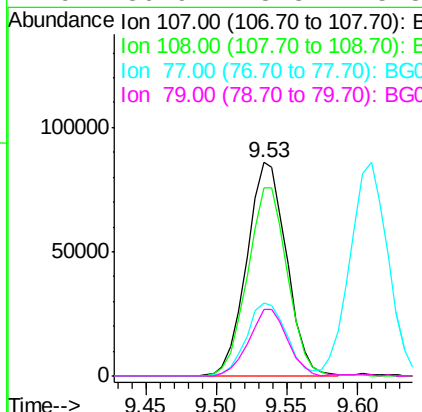
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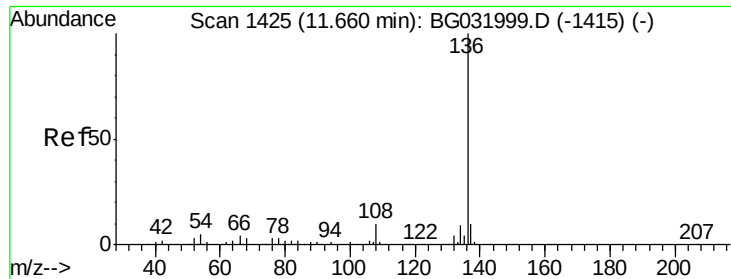
Sohil
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#20
3+4-Methylphenols
Concen: 47.763 ng
RT: 9.53 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BG032072.D
Acq: 16 Jan 2018 16:45

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.2	61.6	101.6
77	34.0	13.9	53.9
79	30.9	8.8	48.8





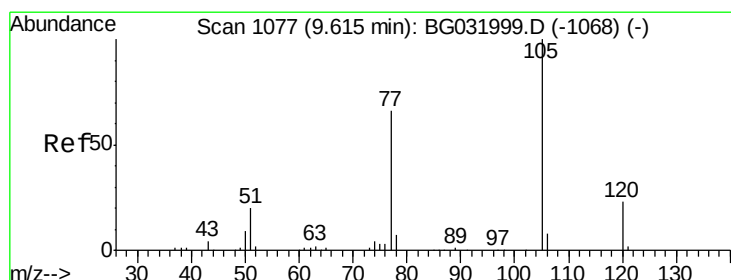
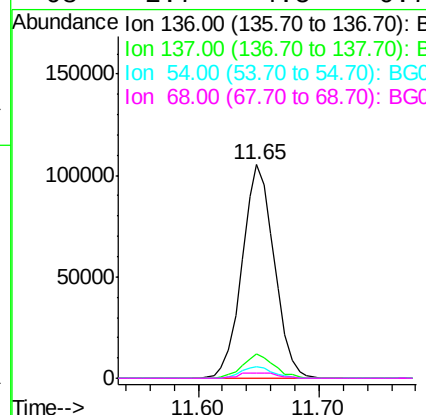
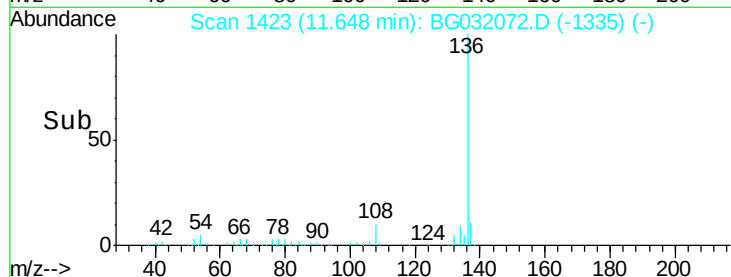
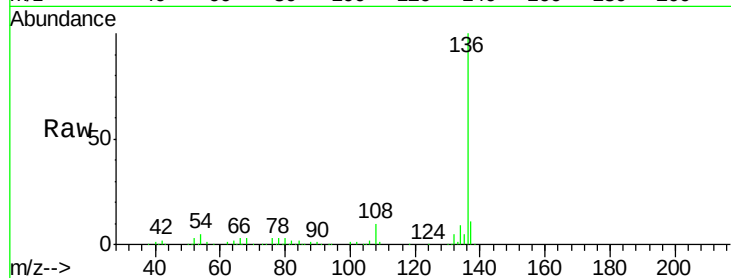
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.65 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BG032072.D
Acq: 16 Jan 2018 16:45

Instrument :
BNA_G
ClientSampleId :
SB-22-3.0-3.5MS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	194650		
137	11.4	9.2	13.8	
54	5.4	10.3	15.5#	
68	2.7	4.5	6.7#	

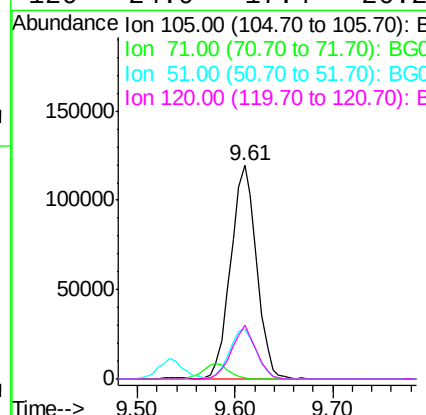
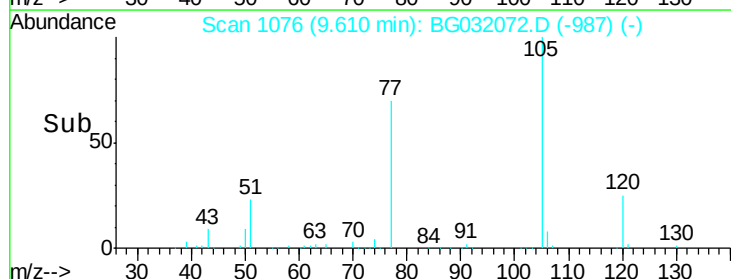
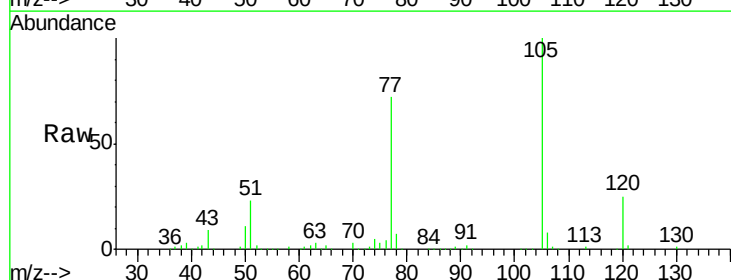
Manual Integrations
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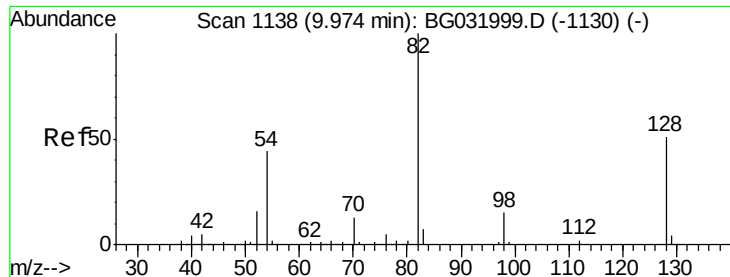
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#22
Acetophenone
Concen: 49.335 ng
RT: 9.61 min Scan# 1076
Delta R.T. -0.01 min
Lab File: BG032072.D
Acq: 16 Jan 2018 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	218132		
71	0.5	3.0	4.4#	
51	23.2	26.1	39.1#	
120	24.9	17.4	26.2	





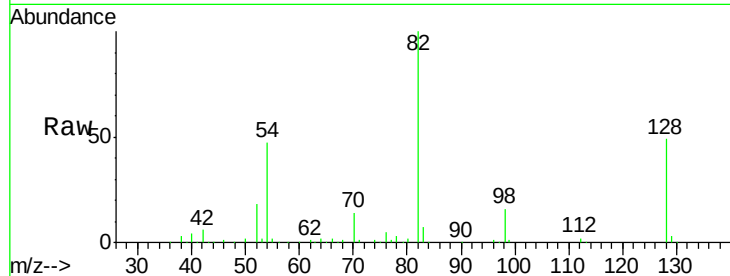
#23
Nitrobenzene-d5
Concen: 107.382 ng
RT: 9.97 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BG032072.D
Acq: 16 Jan 2018 16:45

Instrument :
BNA_G
ClientSampleId :
SB-22-3.0-3.5MS

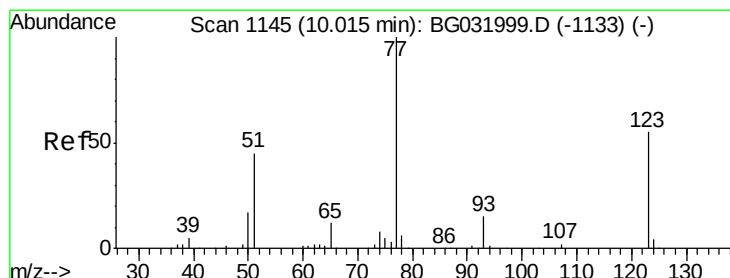
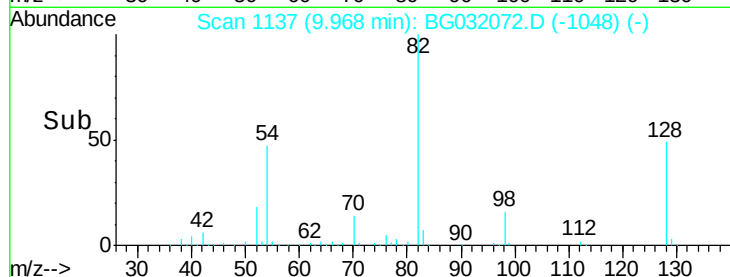
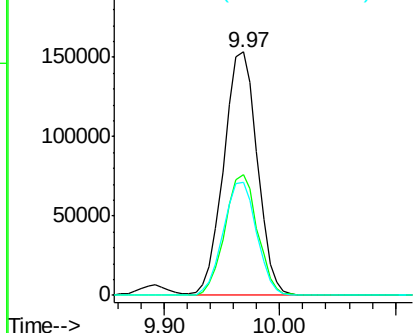
Tgt Ion	Ratio	Resp	Lower	Upper
82	100	308951		
128	49.4	29.7	44.5#	
54	46.6	43.1	64.7	

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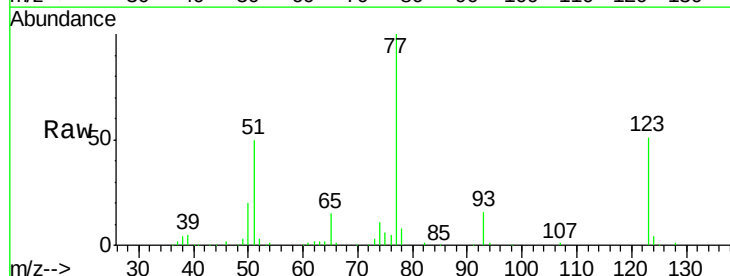


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

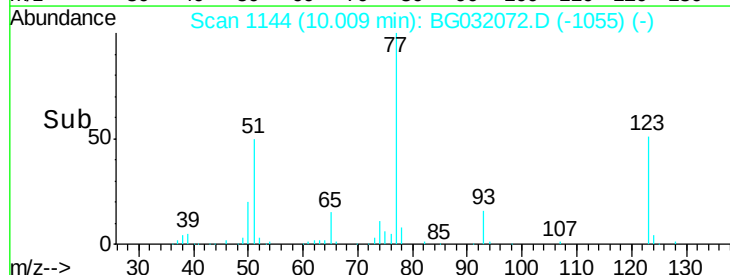
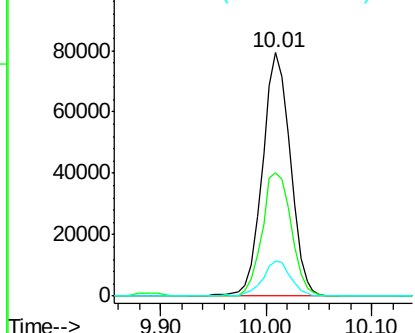


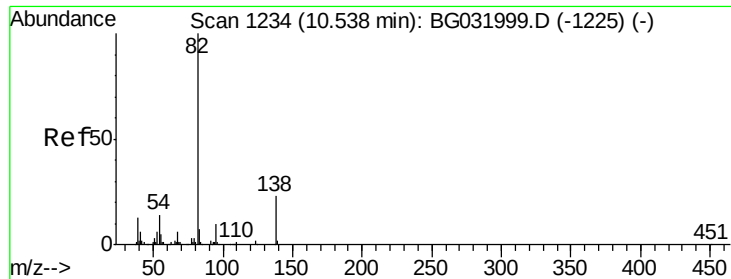
#24
Nitrobenzene
Concen: 50.703 ng
RT: 10.01 min Scan# 1144
Delta R.T. -0.01 min
Lab File: BG032072.D
Acq: 16 Jan 2018 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	145512		
123	50.9	33.0	49.6#	
65	14.6	13.0	19.6	



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





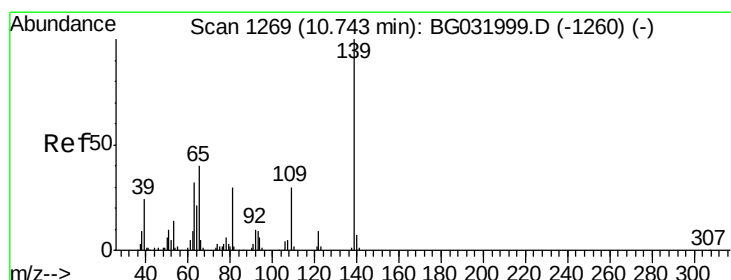
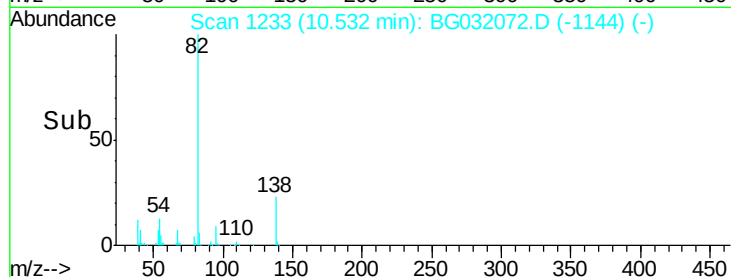
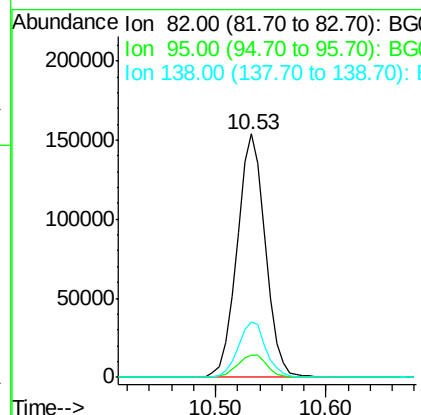
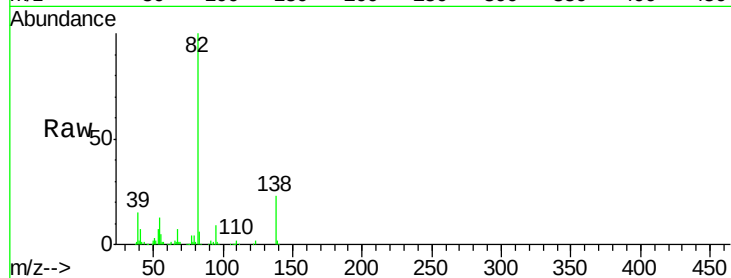
#25
Isophorone
Concen: 51.312 ng
RT: 10.53 min Scan# 1233
Delta R.T. -0.01 min
Lab File: BG032072.D
Acq: 16 Jan 2018 16:45

Instrument :
BNA_G
ClientSampleId :
SB-22-3.0-3.5MS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	274897		
95	8.9	6.2	9.2	
138	22.8	12.1	18.1	

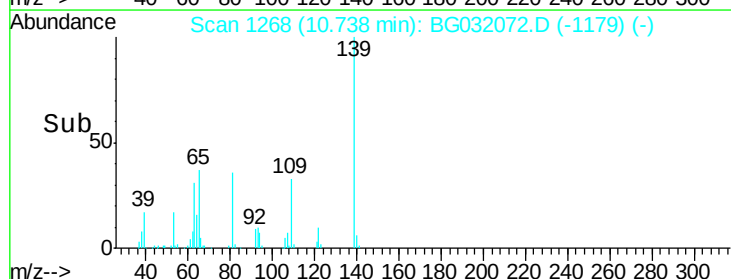
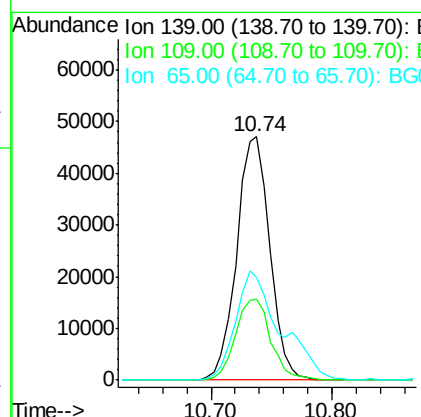
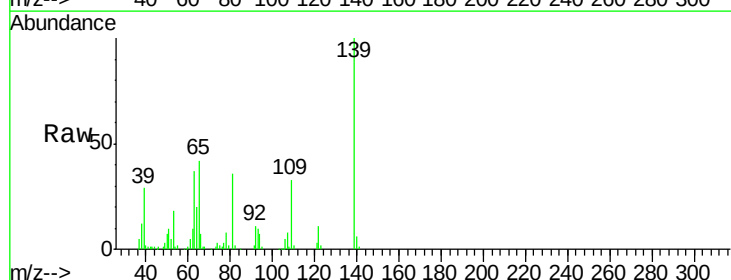
Manual Integrations
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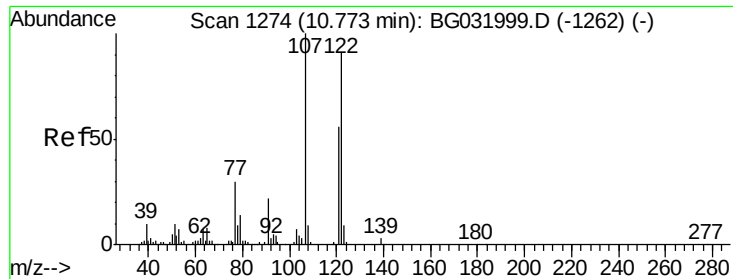
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#26
2-Nitrophenol
Concen: 52.778 ng
RT: 10.74 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BG032072.D
Acq: 16 Jan 2018 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	89748		
109	33.3	24.2	36.2	
65	42.2	47.4	71.0	





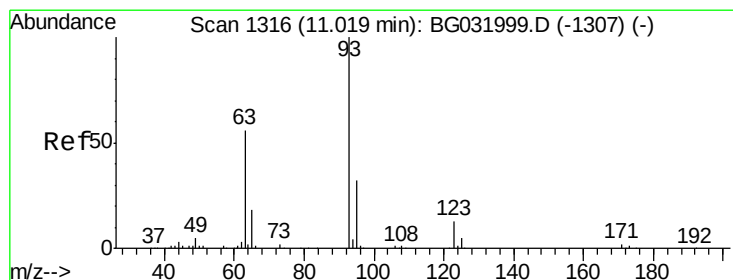
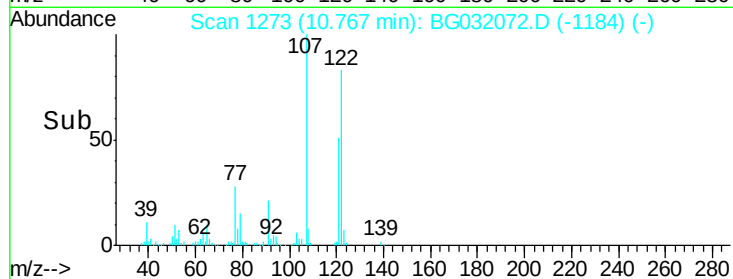
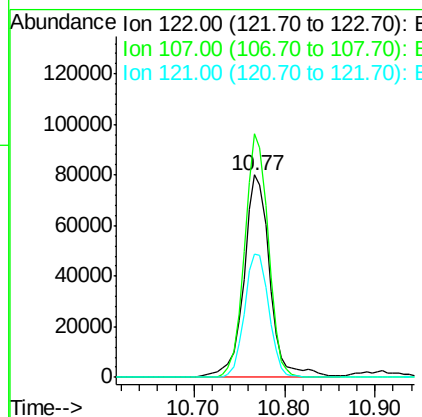
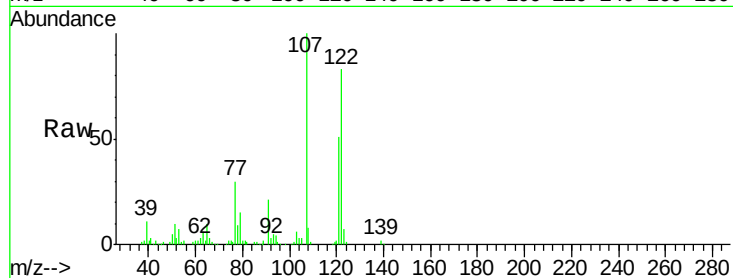
#27
2,4-Dimethylphenol
Concen: 59.069 ng
RT: 10.77 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BG032072.D
Acq: 16 Jan 2018 16:45

Instrument :
BNA_G
ClientSampleId :
SB-22-3.0-3.5MS

Tgt Ion	Ratio	Lower	Upper
122	100		
107	120.3	100.2	150.2
121	61.0	44.4	66.6

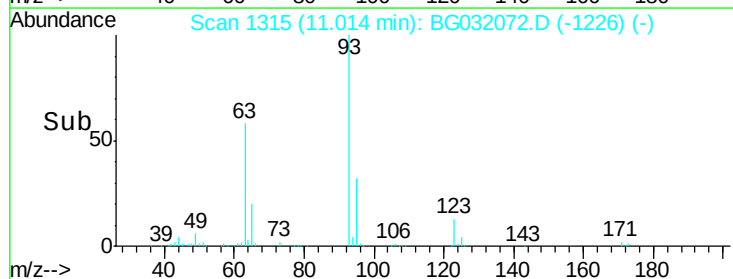
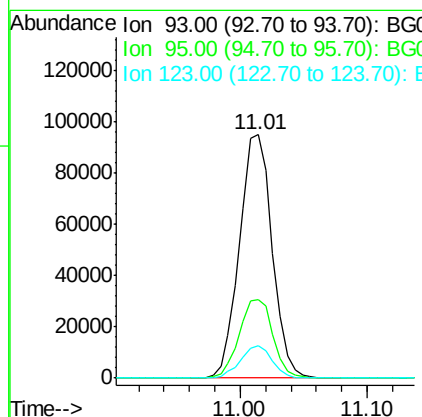
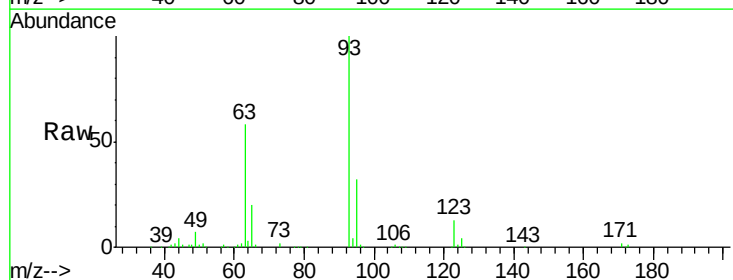
Manual Integrations
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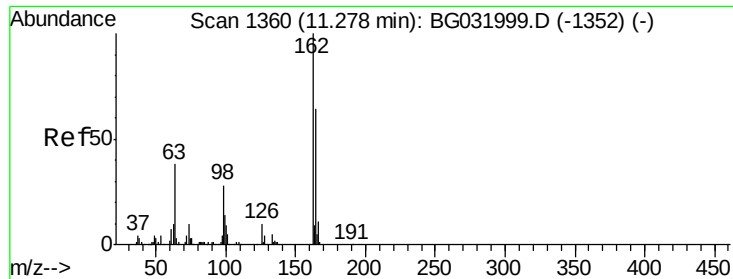
Sohil
1/17/2018 10:43:04 AM



#28
bis(2-Chloroethoxy)methane
Concen: 52.581 ng
RT: 11.01 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BG032072.D
Acq: 16 Jan 2018 16:45

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.4	24.3	36.5
123	13.4	8.4	12.6





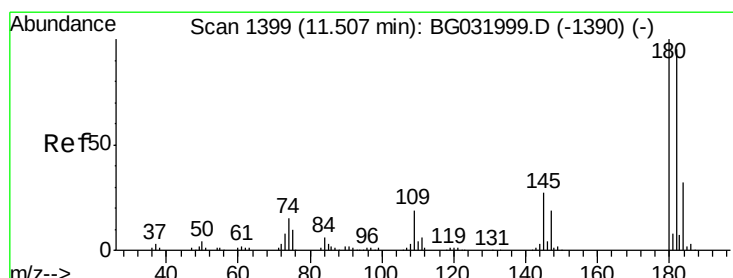
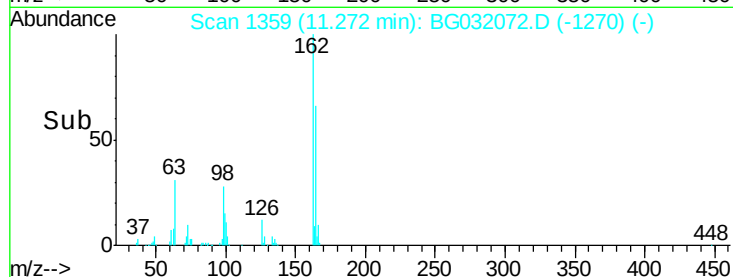
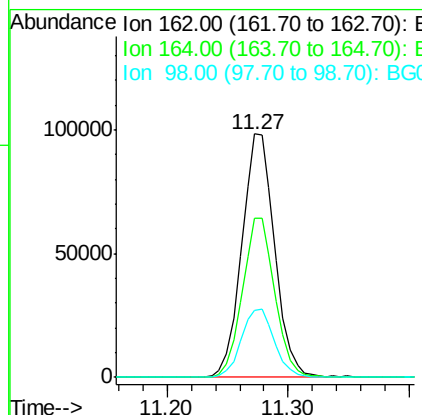
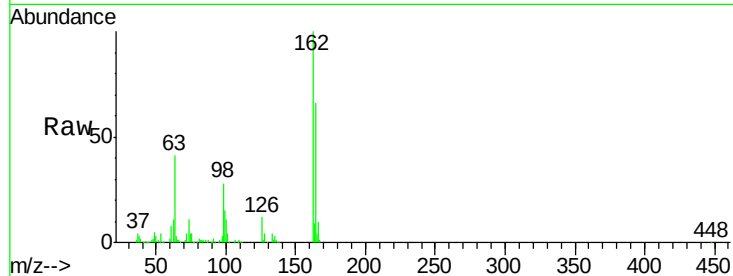
#29
2,4-Dichlorophenol
Concen: 55.975 ng
RT: 11.27 min Scan# 1359
Delta R.T. -0.01 min
Lab File: BG032072.D
Acq: 16 Jan 2018 16:45

Instrument :
BNA_G
ClientSampled :
SB-22-3.0-3.5MS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	185860		
164	65.6	48.0	88.0	
98	27.7	21.1	61.1	

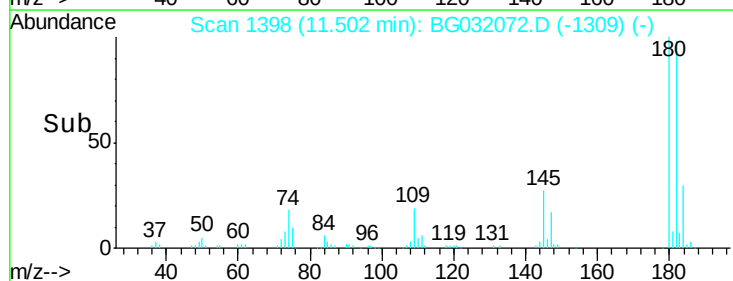
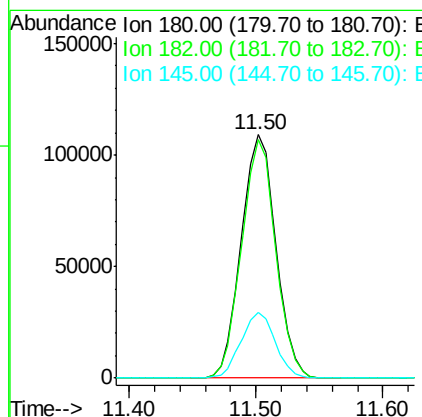
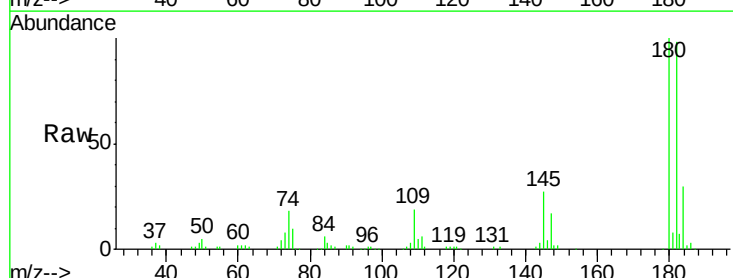
Manual Integrations
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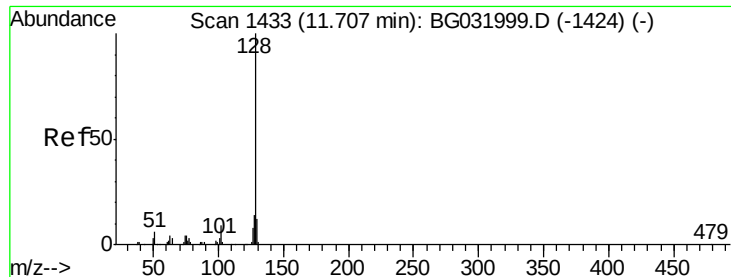
Sohil
1/17/2018 10:43:04 AM



#30
1,2,4-Trichlorobenzene
Concen: 48.296 ng
RT: 11.50 min Scan# 1398
Delta R.T. -0.01 min
Lab File: BG032072.D
Acq: 16 Jan 2018 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	207105		
182	98.1	77.5	116.3	
145	27.2	23.4	35.2	





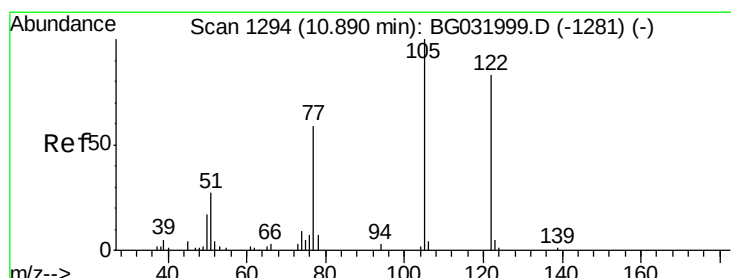
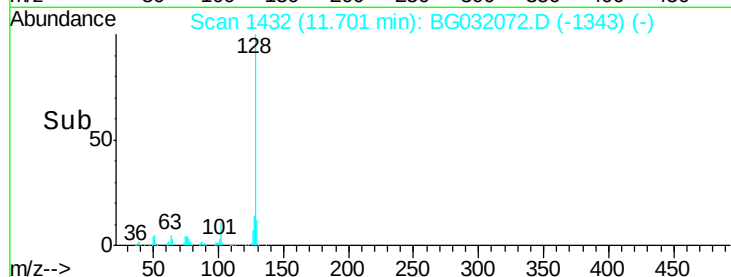
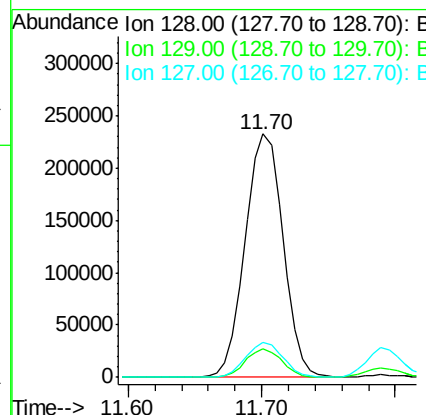
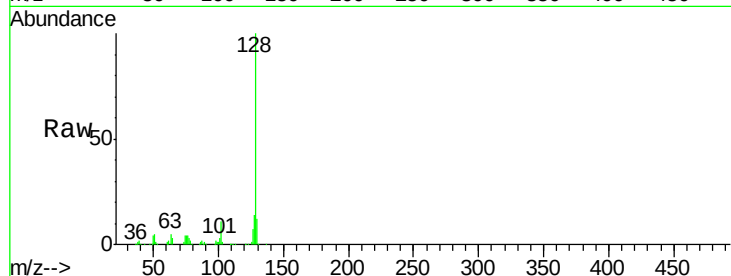
#31
Naphthalene
Concen: 47.403 ng
RT: 11.70 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BG032072.D
Acq: 16 Jan 2018 16:45

Instrument :
BNA_G
ClientSampleId :
SB-22-3.0-3.5MS

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.7	8.6	12.8
127	14.1	11.6	17.4

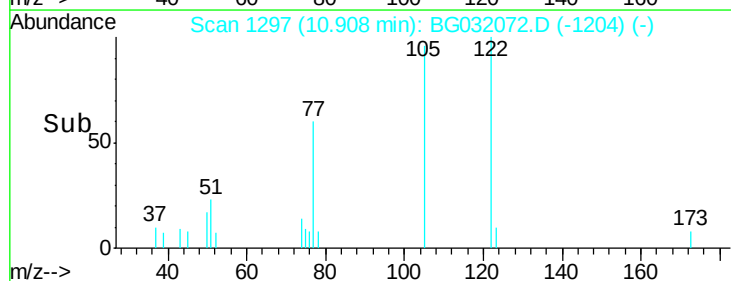
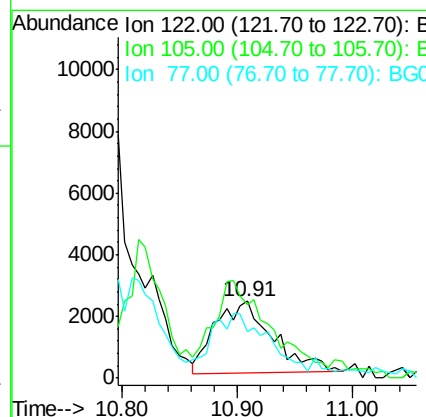
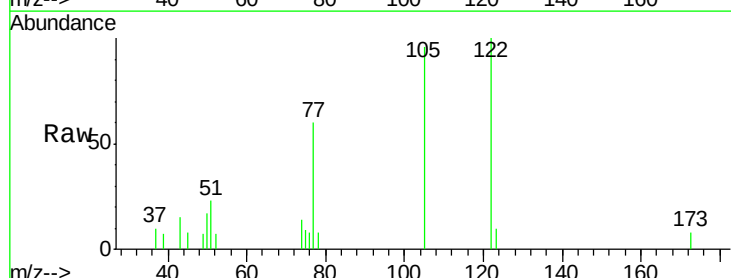
Manual Integrations
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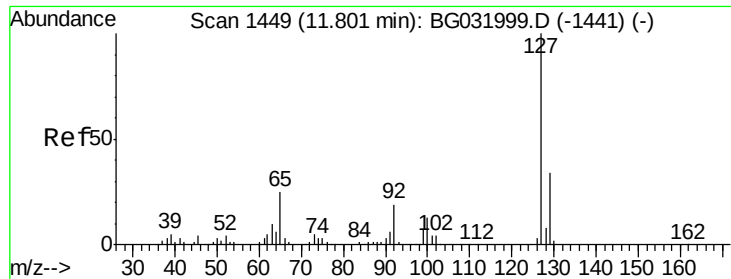
Sohil
1/17/2018 10:43:04 AM



#32
Benzoic acid
Concen: 8.582 ng
RT: 10.91 min Scan# 1297
Delta R.T. 0.02 min
Lab File: BG032072.D
Acq: 16 Jan 2018 16:45

Tgt Ion	Ratio	Lower	Upper
122	100		
105	95.6	123.5	163.5#
77	59.7	85.7	125.7#





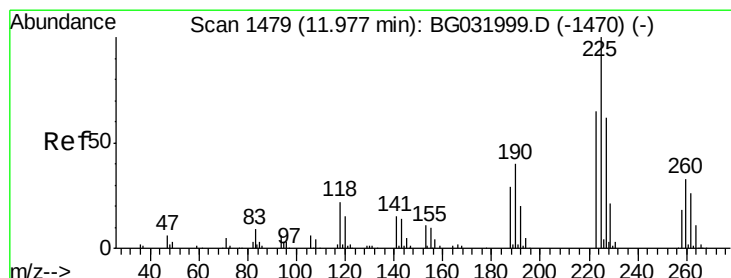
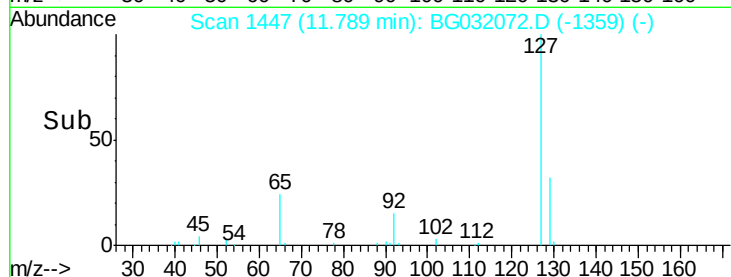
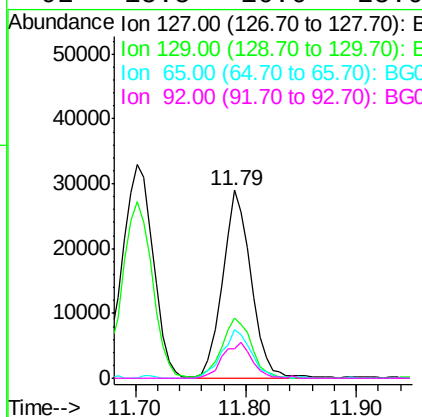
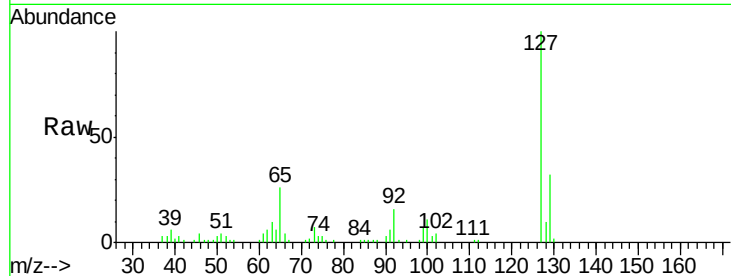
#33
4-Chloroaniline
Concen: 12.690 ng
RT: 11.79 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BG032072.D
Acq: 16 Jan 2018 16:45

Instrument :
BNA_G
ClientSampleId :
SB-22-3.0-3.5MS

Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.0	24.0	36.0
65	25.7	27.0	40.4#
92	15.5	16.6	25.0#

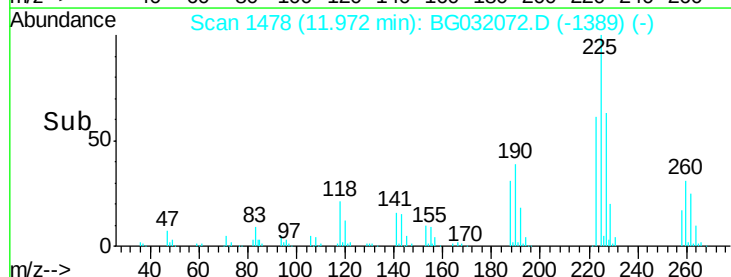
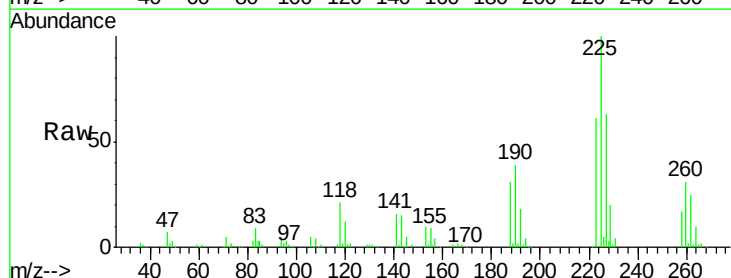
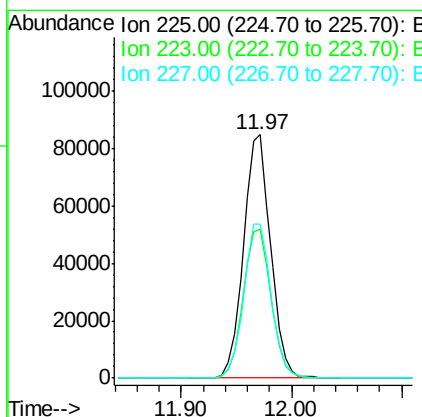
Manual Integrations
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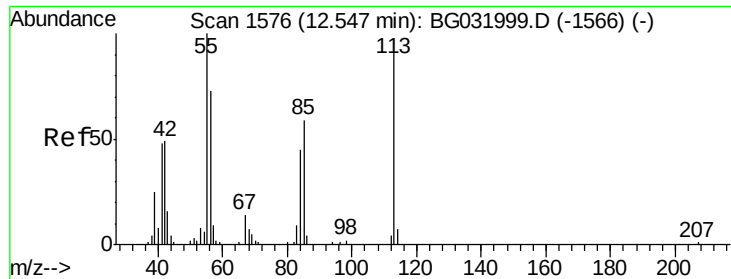
Sohil
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#34
Hexachlorobutadiene
Concen: 47.466 ng
RT: 11.97 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BG032072.D
Acq: 16 Jan 2018 16:45

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.3	49.7	74.5
227	63.5	48.1	72.1





#35

Caprolactam

Concen: 55.694 ng

RT: 12.54 min Scan# 1575

Delta R.T. -0.01 min

Lab File: BG032072.D

Acq: 16 Jan 2018 16:45

Instrument :

BNA_G

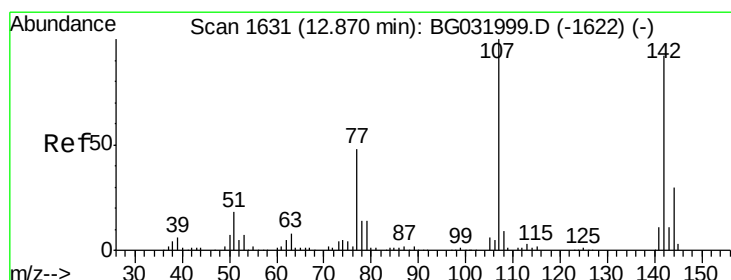
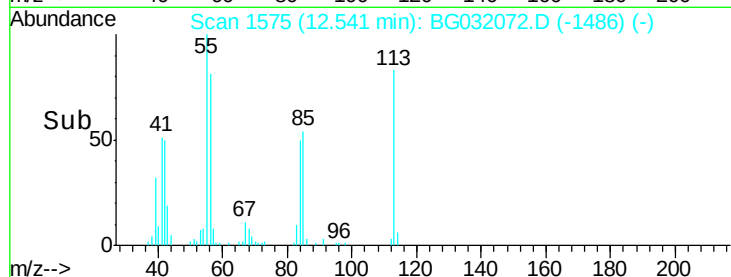
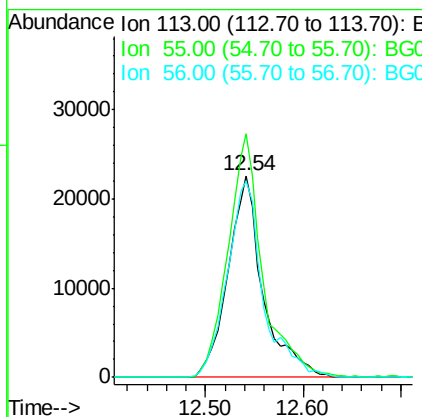
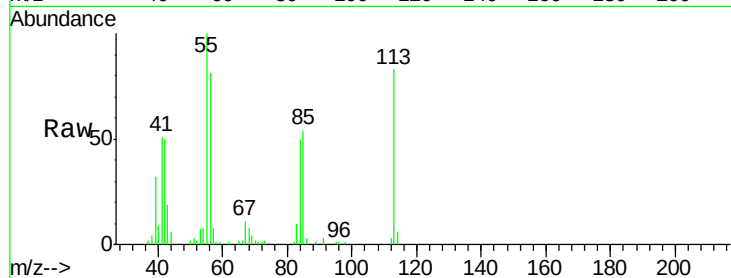
ClientSampleId :

SB-22-3.0-3.5MS

Tgt Ion:	113	Resp:	56103
Ion Ratio	Lower	Upper	
113	100		
55	120.5	186.9	226.9#
56	97.2	130.9	170.9#

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 54.918 ng

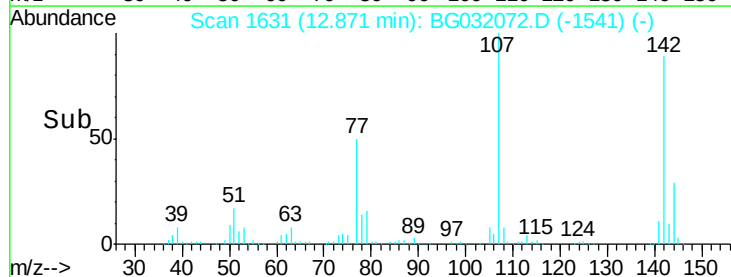
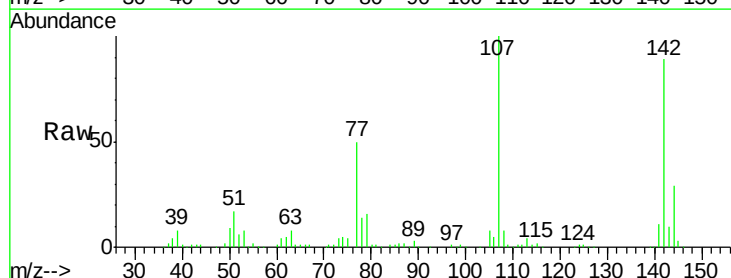
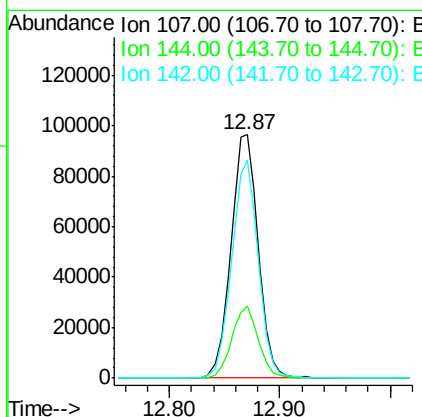
RT: 12.87 min Scan# 1631

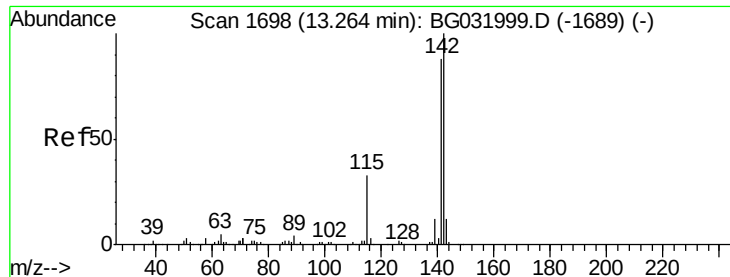
Delta R.T. 0.00 min

Lab File: BG032072.D

Acq: 16 Jan 2018 16:45

Tgt Ion:	107	Resp:	166910
Ion Ratio	Lower	Upper	
107	100		
144	29.4	18.2	27.4#
142	89.4	59.0	88.4#





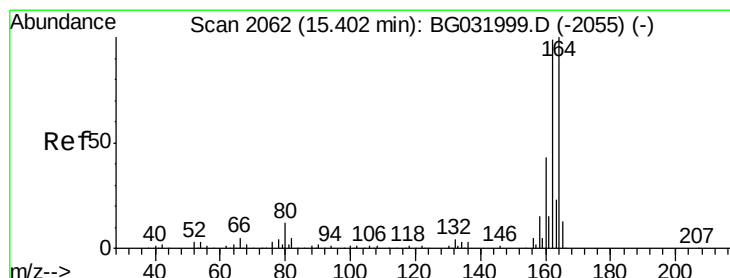
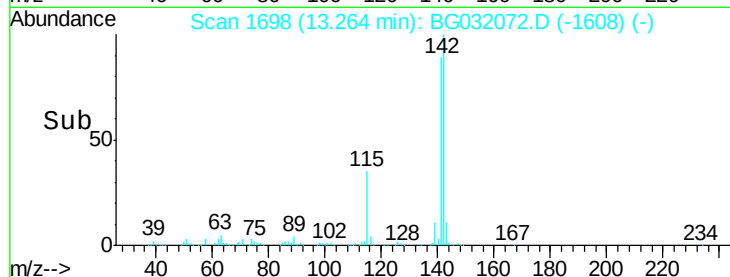
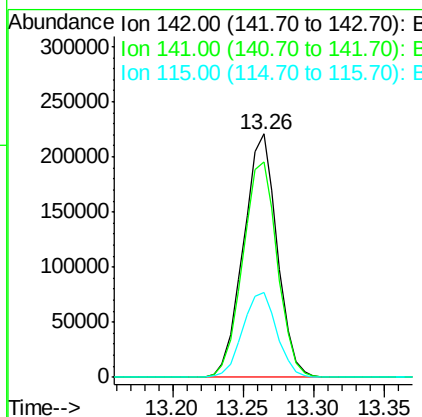
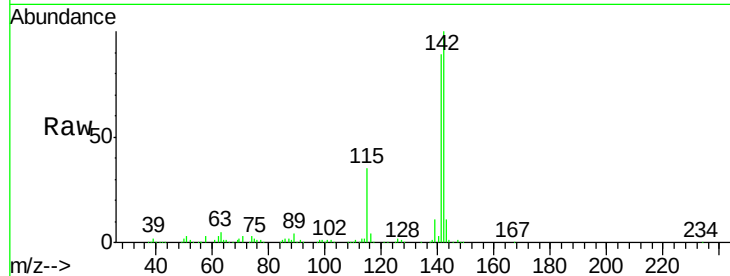
#37
2-Methylnaphthalene
Concen: 48.154 ng
RT: 13.26 min Scan# 1698
Delta R.T. 0.00 min
Lab File: BG032072.D
Acq: 16 Jan 2018 16:45

Instrument :
BNA_G
ClientSampleId :
SB-22-3.0-3.5MS

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	368635		
141	88.6	67.1	100.7	
115	35.1	30.7	46.1	

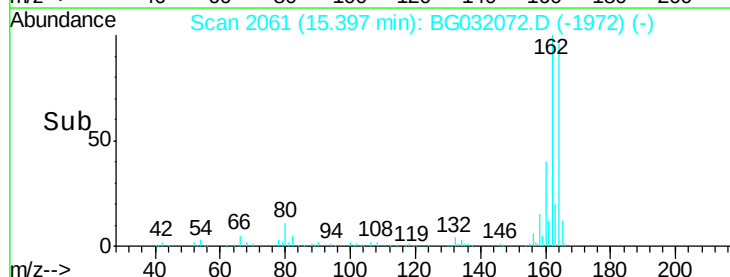
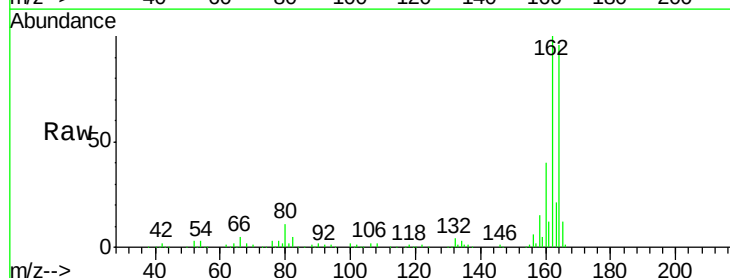
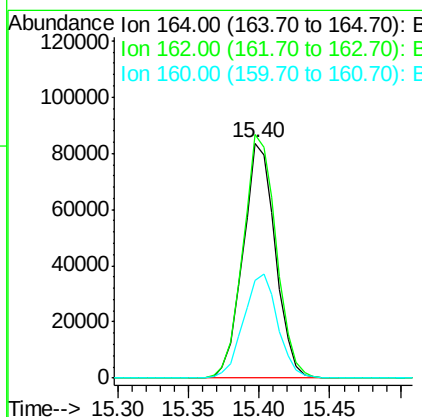
Manual Integrations
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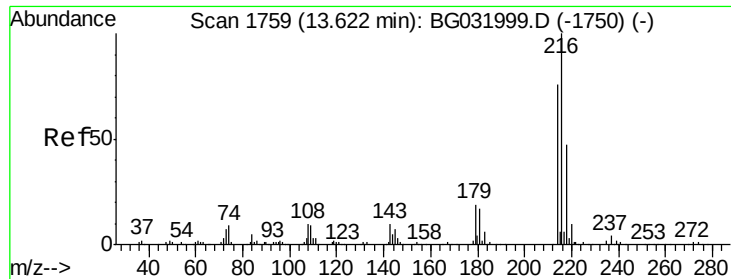
Sohil
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.40 min Scan# 2061
Delta R.T. -0.01 min
Lab File: BG032072.D
Acq: 16 Jan 2018 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	133937		
162	103.7	78.8	118.2	
160	41.7	35.4	53.0	





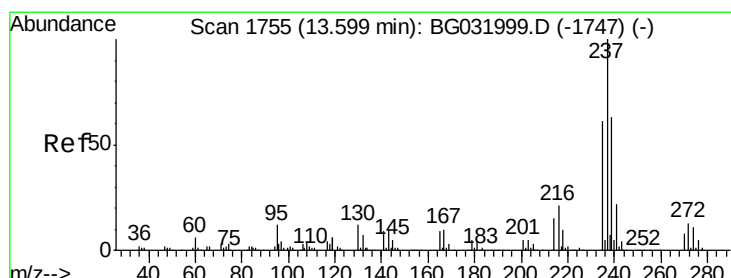
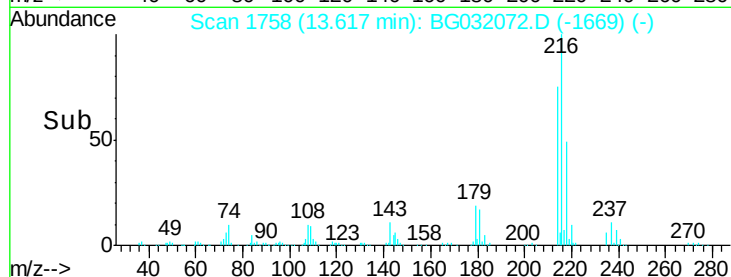
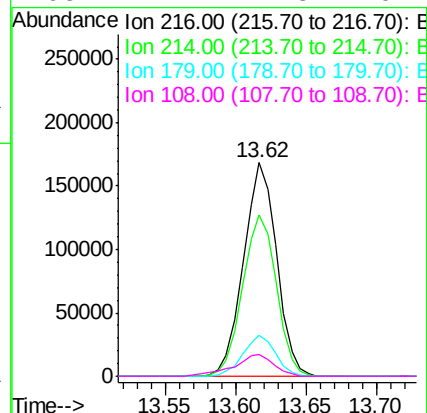
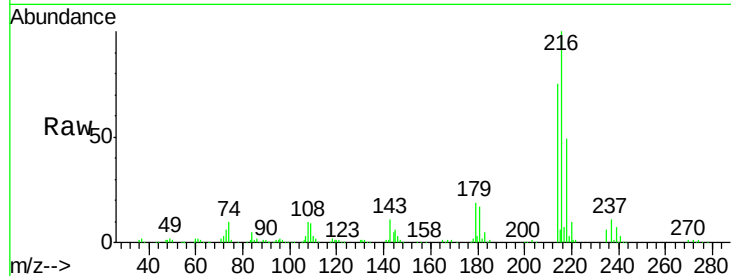
#39
1,2,4,5-Tetrachlorobenzene
Concen: 47.472 ng
RT: 13.62 min Scan# 1758
Delta R.T. -0.01 min
Lab File: BG032072.D
Acq: 16 Jan 2018 16:45

Instrument :
BNA_G
ClientSampleId :
SB-22-3.0-3.5MS

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	277154		
214	76.9	63.0	94.4	
179	18.9	17.0	25.6	
108	12.2	12.8	19.2	

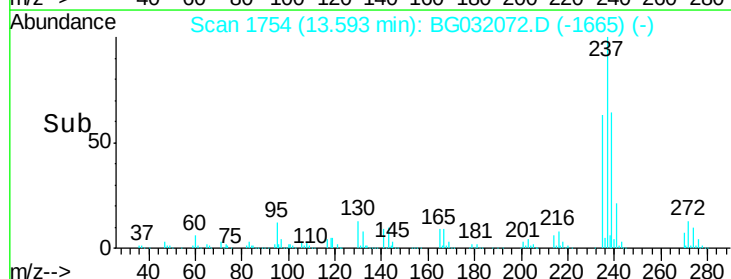
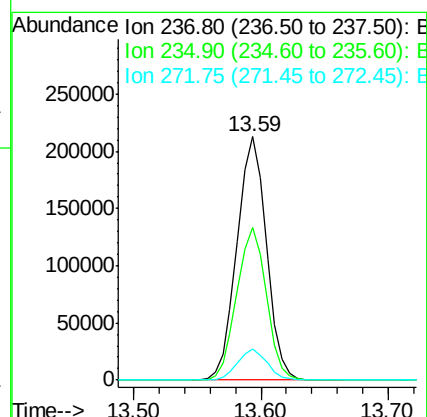
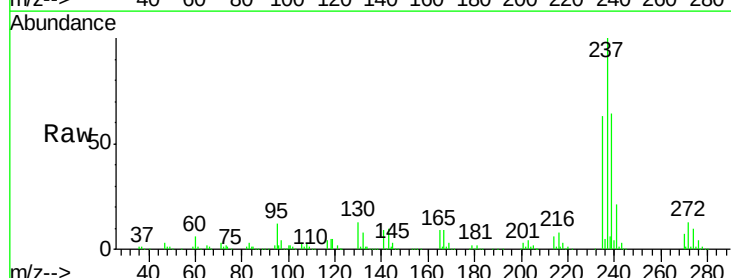
Manual Integrations
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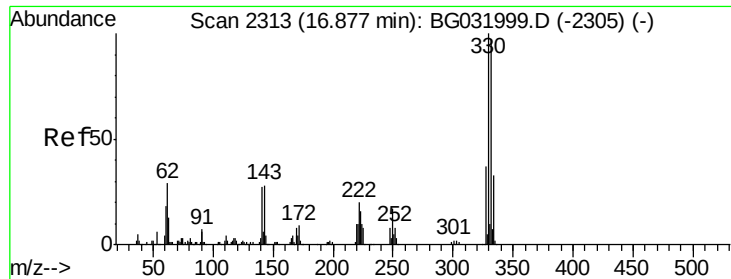
Sohil
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#40
Hexachlorocyclopentadiene
Concen: 103.907 ng
RT: 13.59 min Scan# 1754
Delta R.T. -0.01 min
Lab File: BG032072.D
Acq: 16 Jan 2018 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	341682		
235	62.7	50.4	90.4	
272	12.8	0.0	31.8	





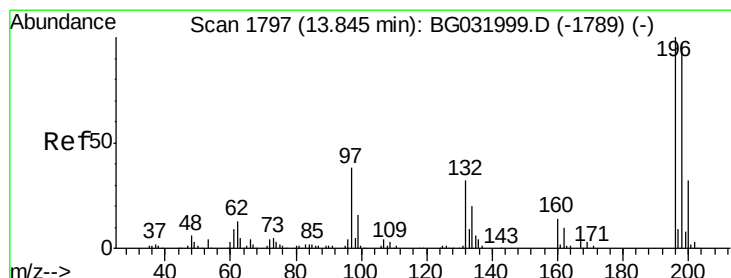
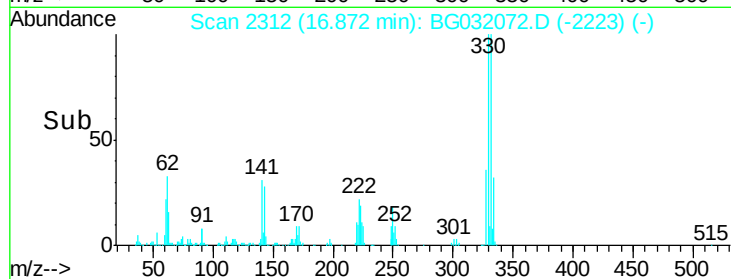
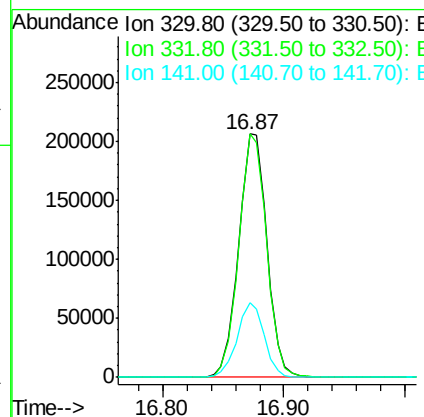
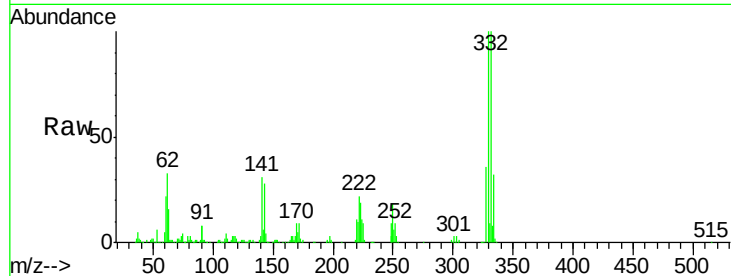
#41
 2,4,6-Tribromophenol
 Concen: 152.003 ng
 RT: 16.87 min Scan# 2312
 Delta R.T. -0.01 min
 Lab File: BG032072.D
 Acq: 16 Jan 2018 16:45

Instrument :
 BNA_G
 ClientSampleId :
 SB-22-3.0-3.5MS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	336891		
332	98.3	77.0	115.6	
141	29.4	25.2	37.8	

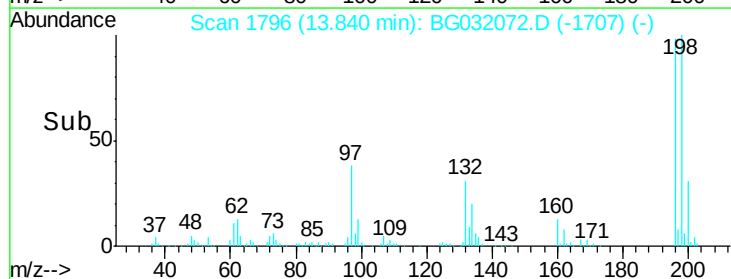
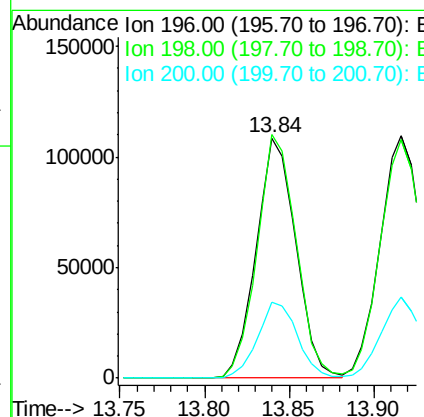
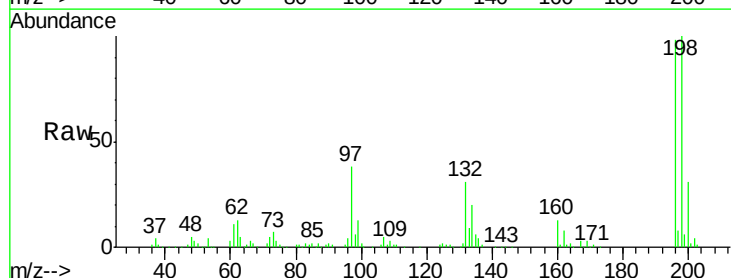
Manual Integrations
 APPROVED

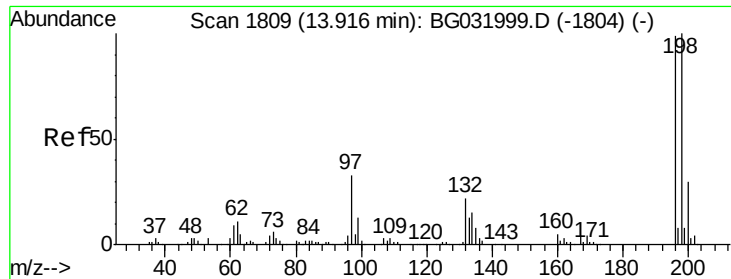
Sohil
 1/17/2018 10:43:04 AM



#42
 2,4,6-Trichlorophenol
 Concen: 54.096 ng
 RT: 13.84 min Scan# 1796
 Delta R.T. -0.01 min
 Lab File: BG032072.D
 Acq: 16 Jan 2018 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	177459		
198	101.5	78.2	117.2	
200	31.6	24.6	36.8	





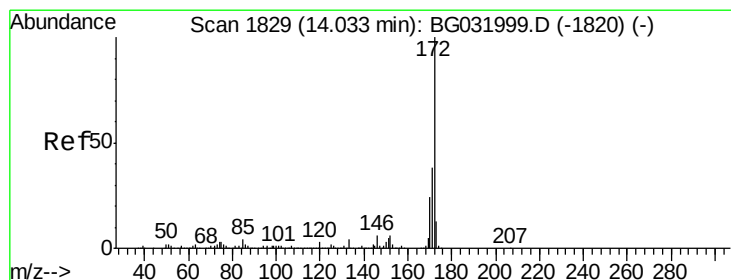
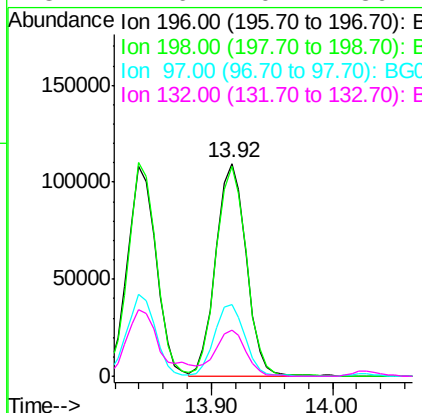
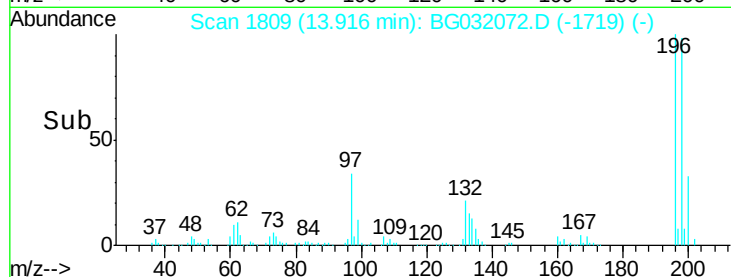
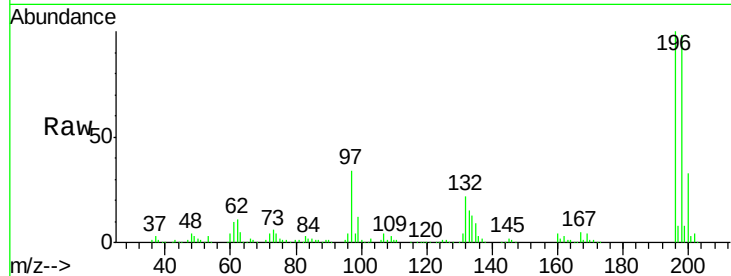
#43
 2,4,5-Trichlorophenol
 Concen: 50.101 ng
 RT: 13.92 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: BG032072.D
 Acq: 16 Jan 2018 16:45

Instrument :
 BNA_G
 ClientSampleId :
 SB-22-3.0-3.5MS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	190239		
198	98.5	76.2	114.4	
97	33.7	38.7	58.1	
132	21.6	20.2	30.2	

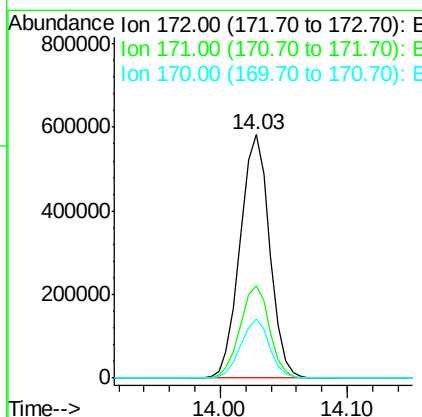
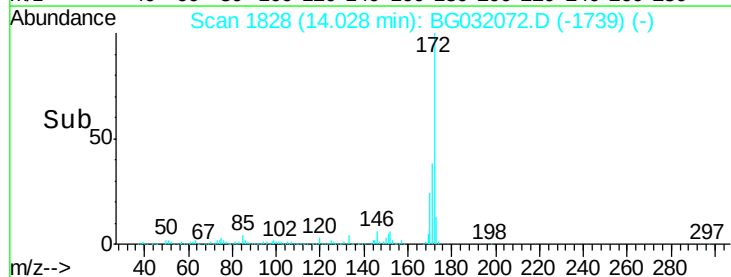
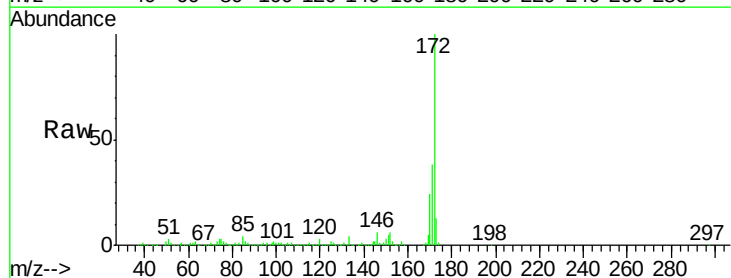
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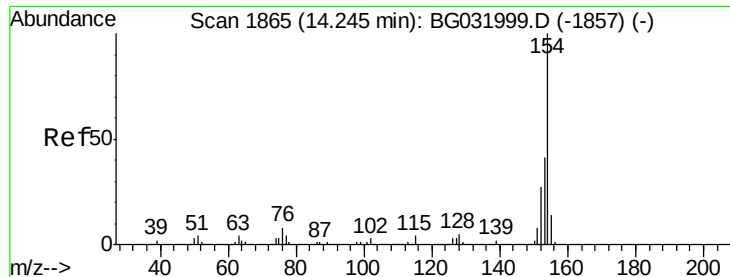
Sohil
 1/17/2018 10:43:04 AM



#44
 2-Fluorobiphenyl
 Concen: 87.069 ng
 RT: 14.03 min Scan# 1828
 Delta R.T. -0.01 min
 Lab File: BG032072.D
 Acq: 16 Jan 2018 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	940503		
171	38.0	30.0	45.0	
170	24.5	19.5	29.3	





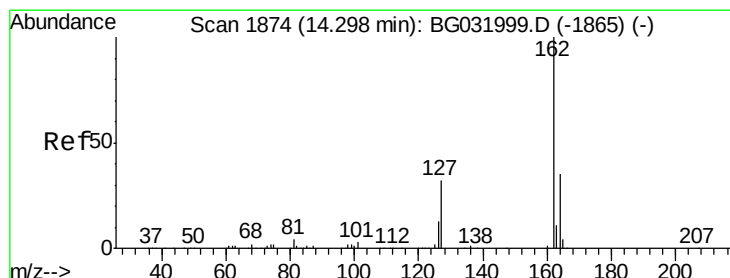
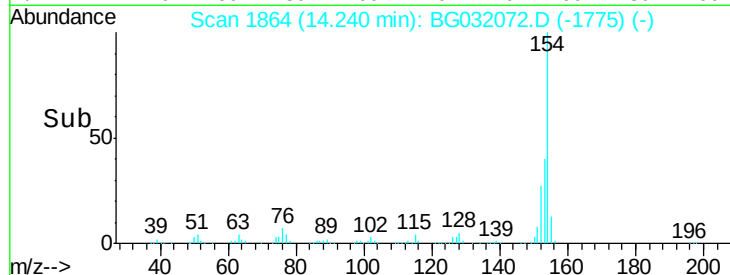
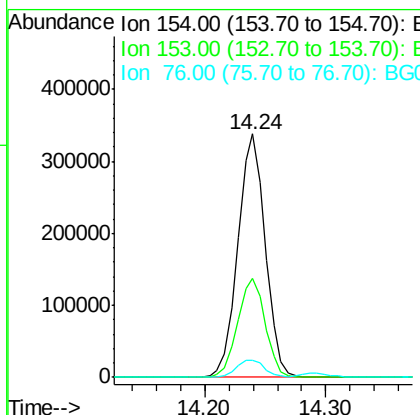
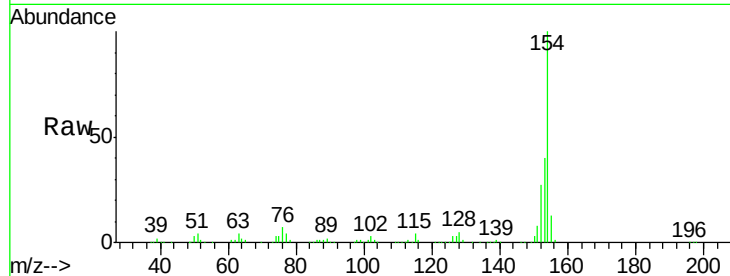
#45
 1,1'-Biphenyl
 Concen: 46.353 ng
 RT: 14.24 min Scan# 1864
 Delta R.T. -0.01 min
 Lab File: BG032072.D
 Acq: 16 Jan 2018 16:45

Instrument :
 BNA_G
 ClientSampleId :
 SB-22-3.0-3.5MS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.5	19.8	59.8
76	7.1	0.0	31.9

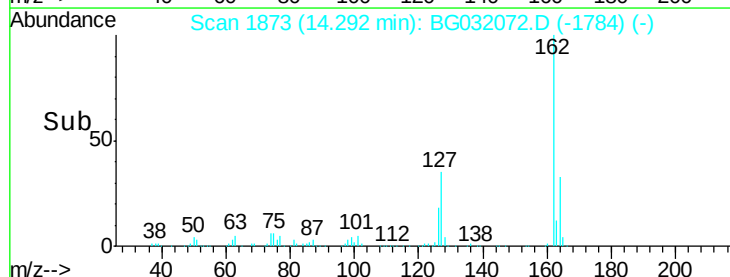
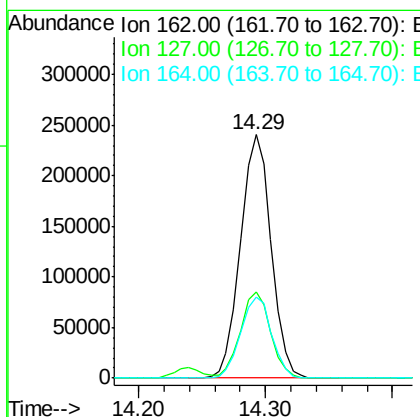
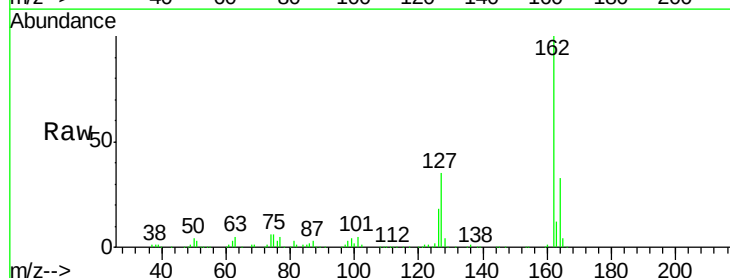
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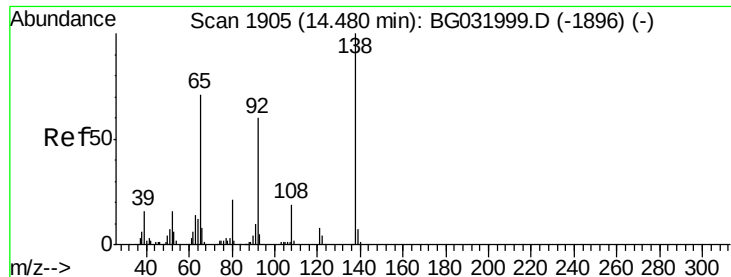
Sohil
 1/17/2018 10:43:04 AM



#46
 2-Chloronaphthalene
 Concen: 45.062 ng
 RT: 14.29 min Scan# 1873
 Delta R.T. -0.01 min
 Lab File: BG032072.D
 Acq: 16 Jan 2018 16:45

Tgt Ion	Ratio	Lower	Upper
162	100		
127	35.3	30.7	46.1
164	33.3	26.0	39.0





#47

2-Nitroaniline

Concen: 54.530 ng

RT: 14.48 min Scan# 1905

Delta R.T. 0.00 min

Lab File: BG032072.D

Acq: 16 Jan 2018 16:45

Instrument :

BNA_G

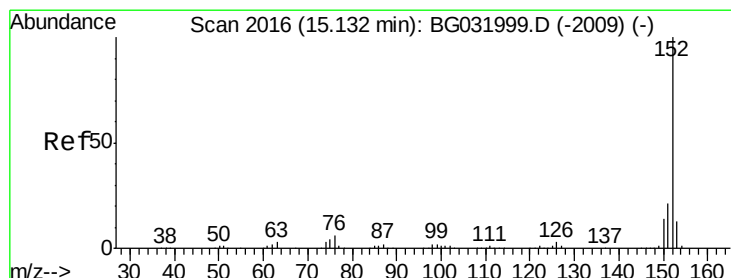
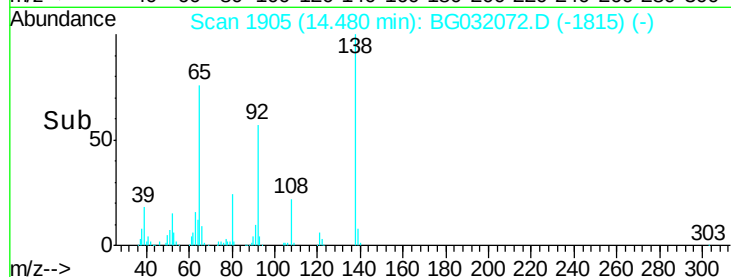
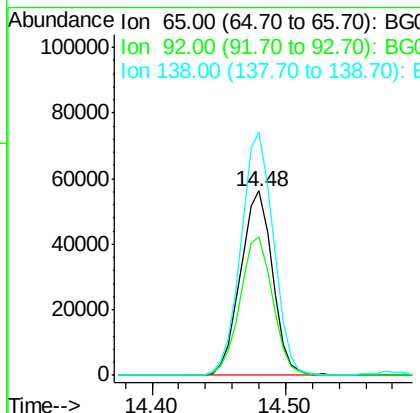
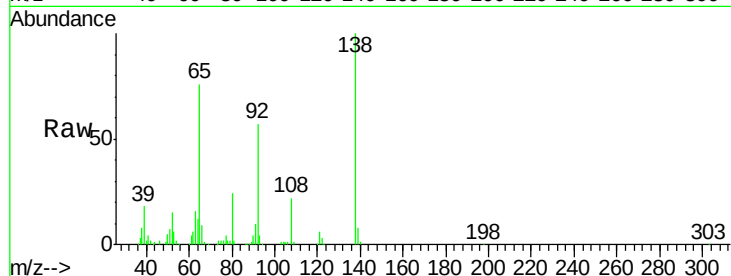
ClientSampleId :

SB-22-3.0-3.5MS

Tgt Ion:	65	Resp:	93245
Ion Ratio	Lower	Upper	
65	100		
92	75.1	54.6	82.0
138	132.2	72.9	109.3#

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#48

Acenaphthylene

Concen: 44.458 ng

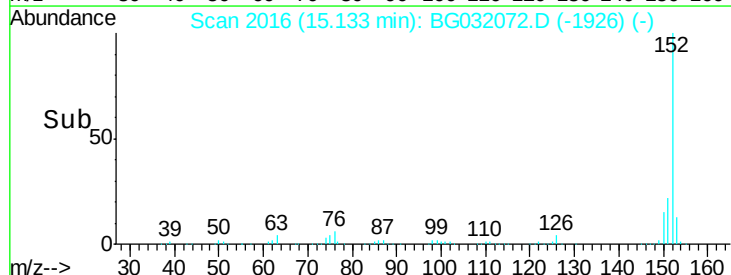
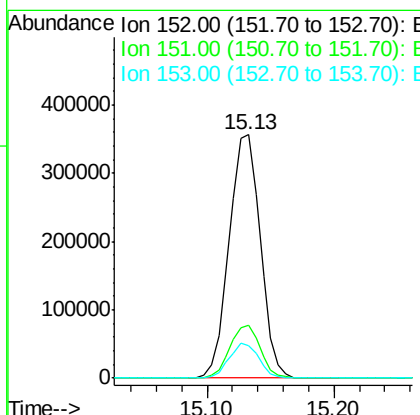
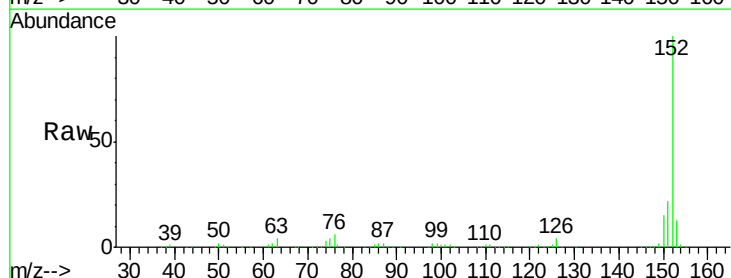
RT: 15.13 min Scan# 2016

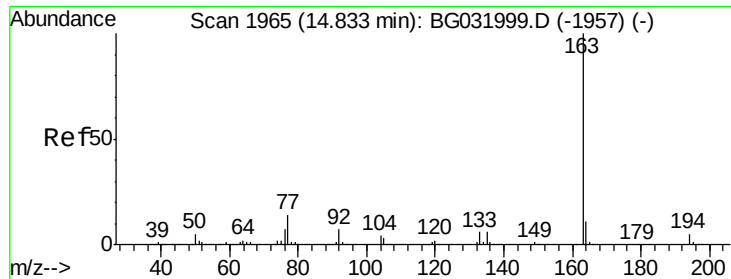
Delta R.T. 0.00 min

Lab File: BG032072.D

Acq: 16 Jan 2018 16:45

Tgt Ion:	152	Resp:	604727
Ion Ratio	Lower	Upper	
152	100		
151	21.6	17.2	25.8
153	13.5	10.2	15.4





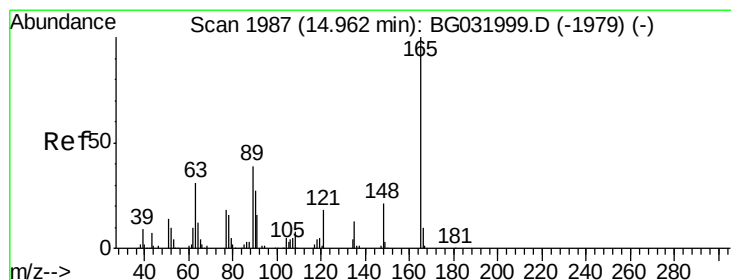
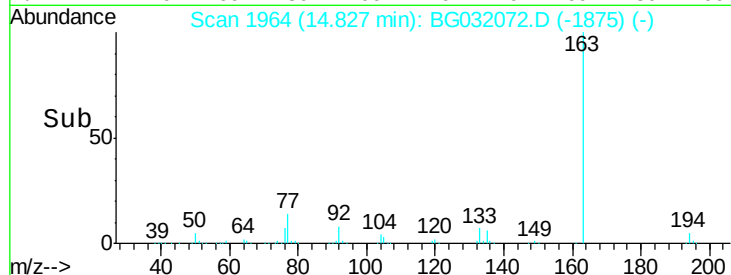
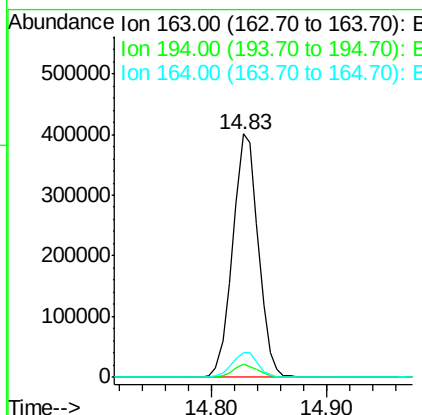
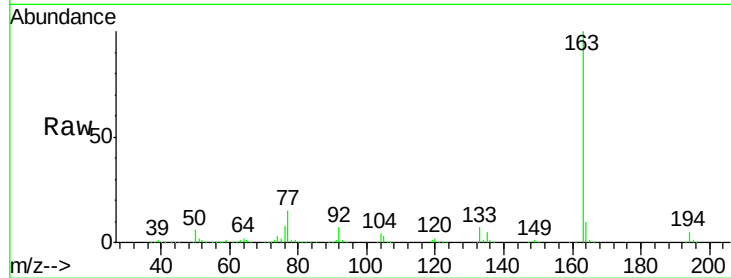
#49
Dimethylphthalate
Concen: 52.377 ng
RT: 14.83 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BG032072.D
Acq: 16 Jan 2018 16:45

Instrument :
BNA_G
ClientSampleId :
SB-22-3.0-3.5MS

Tgt Ion:163 Resp: 613896
Ion Ratio Lower Upper
163 100
194 5.2 3.4 5.2#
164 10.4 8.2 12.4

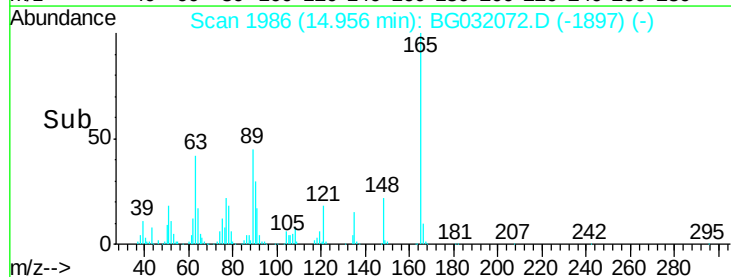
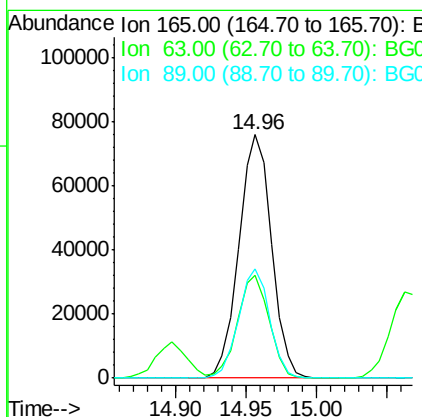
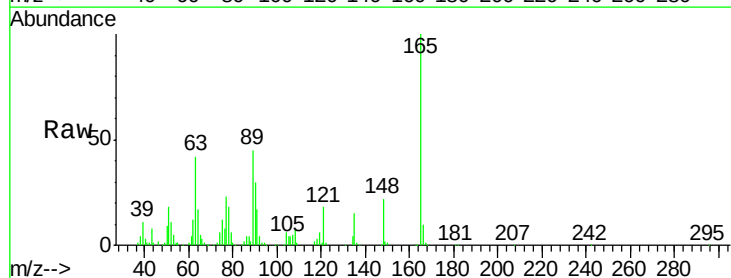
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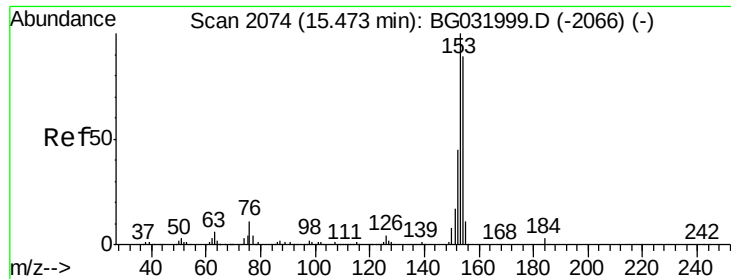
Sohil
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#50
2,6-Dinitrotoluene
Concen: 50.305 ng
RT: 14.96 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BG032072.D
Acq: 16 Jan 2018 16:45

Tgt Ion:165 Resp: 122381
Ion Ratio Lower Upper
165 100
63 42.5 52.7 79.1#
89 44.7 49.2 73.8#





#51

Acenaphthene

Concen: 50.755 ng

RT: 15.47 min Scan# 2073

Delta R.T. -0.01 min

Lab File: BG032072.D

Acq: 16 Jan 2018 16:45

Instrument :

BNA_G

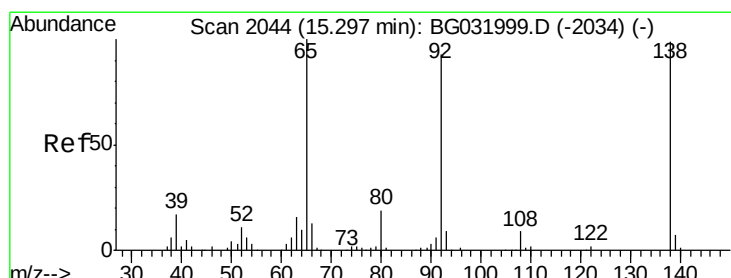
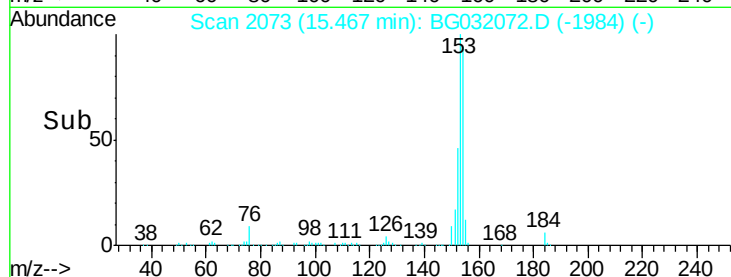
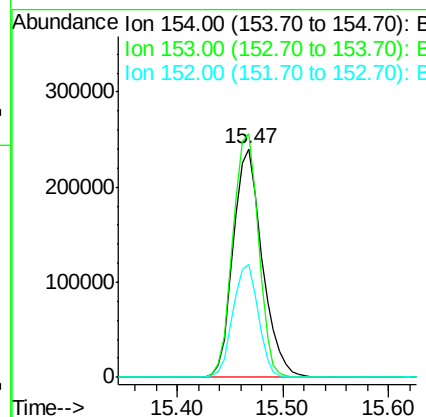
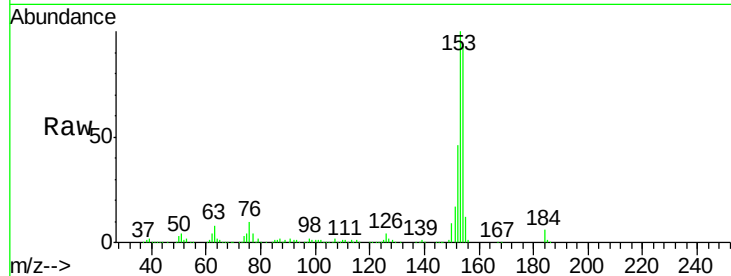
ClientSampleId :

SB-22-3.0-3.5MS

Tgt Ion:	154	Resp:	456503
Ion Ratio	Lower	Upper	
154	100		
153	106.5	90.4	135.6
152	49.5	41.6	62.4

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#52

3-Nitroaniline

Concen: 18.914 ng

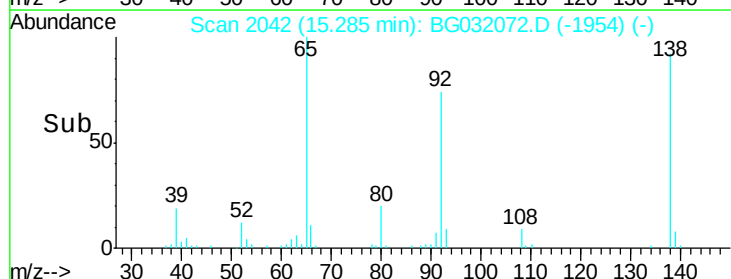
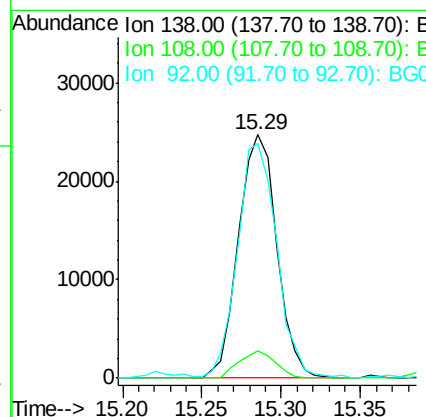
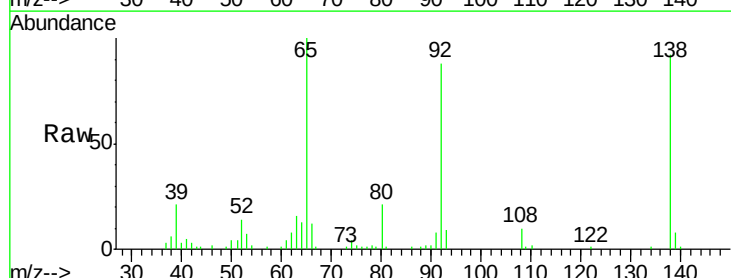
RT: 15.29 min Scan# 2042

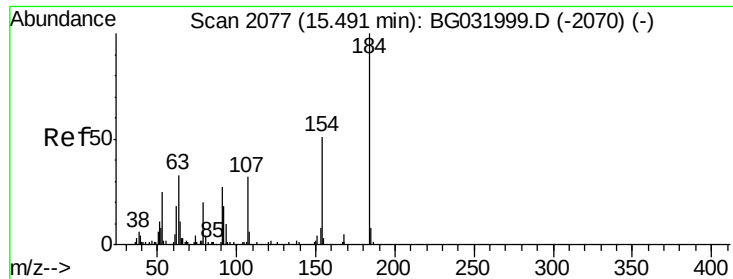
Delta R.T. -0.01 min

Lab File: BG032072.D

Acq: 16 Jan 2018 16:45

Tgt Ion:	138	Resp:	41558
Ion Ratio	Lower	Upper	
138	100		
108	11.0	17.5	26.3#
92	96.2	105.8	158.8#





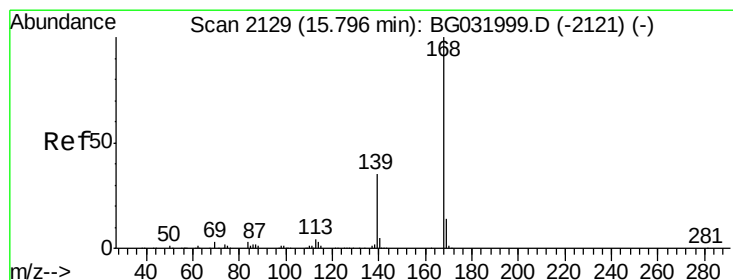
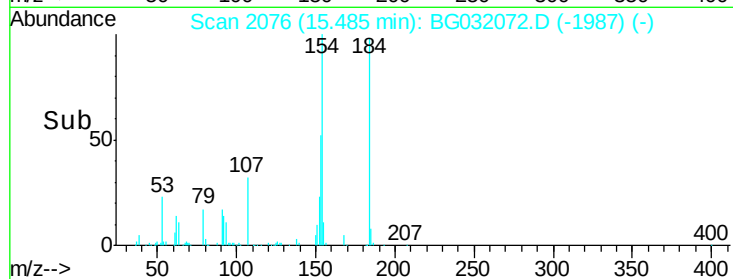
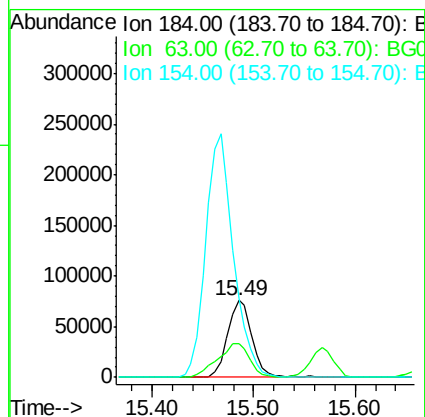
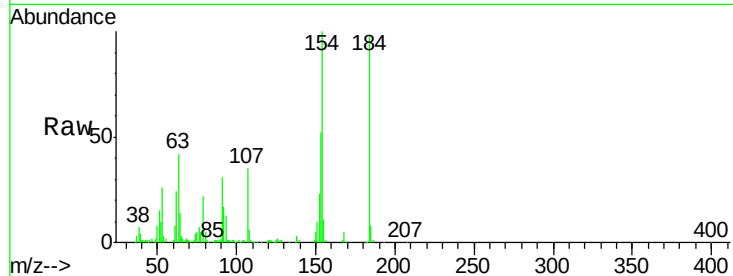
#53
2,4-Dinitrophenol
Concen: 101.997 ng
RT: 15.49 min Scan# 2076
Delta R.T. -0.01 min
Lab File: BG032072.D
Acq: 16 Jan 2018 16:45

Instrument :
BNA_G
ClientSampleId :
SB-22-3.0-3.5MS

Tgt Ion	Ratio	Lower	Upper
184	100		
63	43.3	59.8	89.8#
154	102.3	101.8	152.8

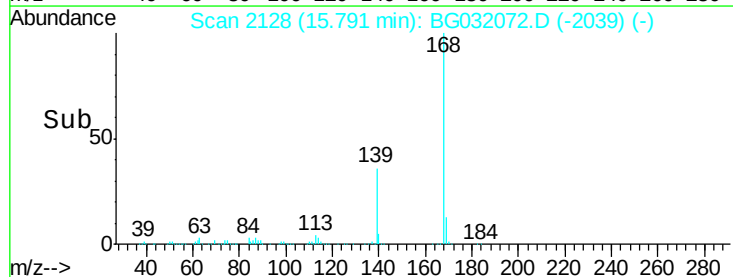
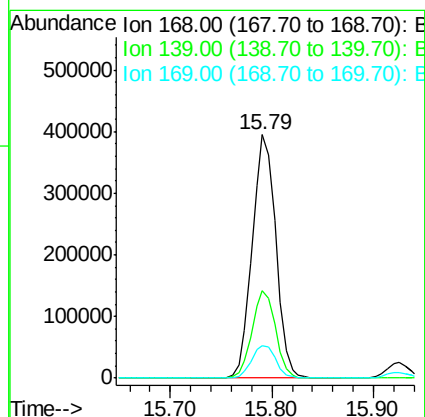
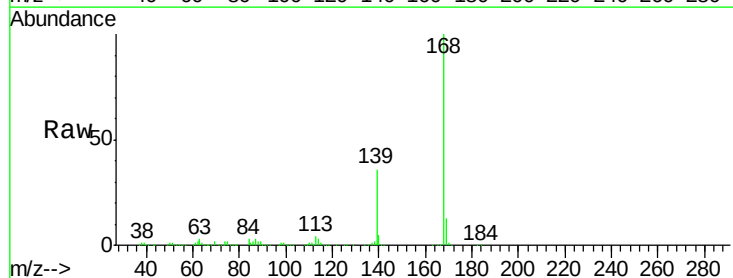
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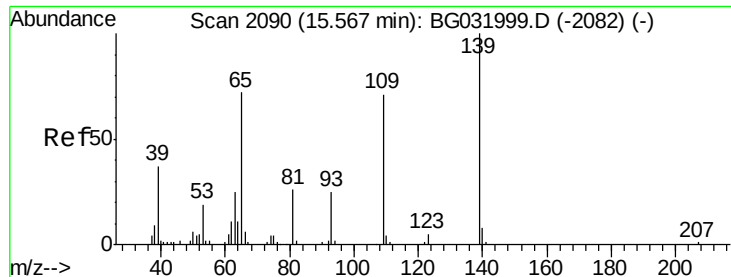
Sohil
1/17/2018 10:43:04 AM



#54
Dibenzofuran
Concen: 47.412 ng
RT: 15.79 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BG032072.D
Acq: 16 Jan 2018 16:45

Tgt Ion	Ratio	Lower	Upper
168	100		
139	35.9	28.6	43.0
169	13.3	11.2	16.8





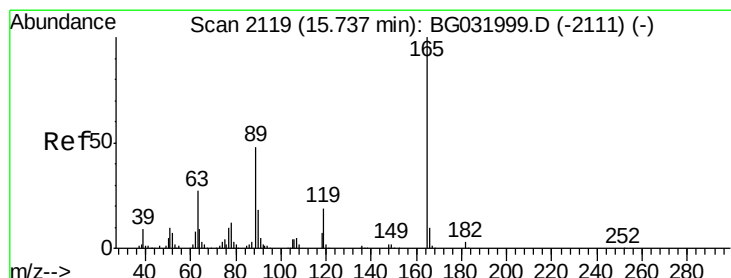
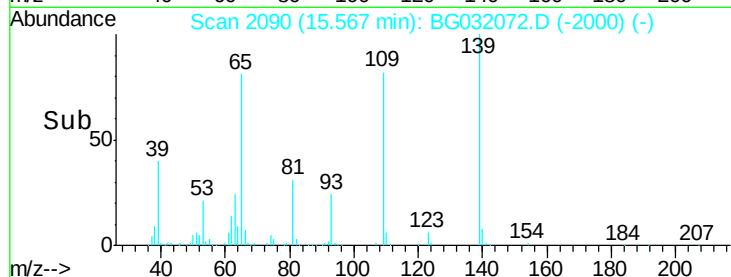
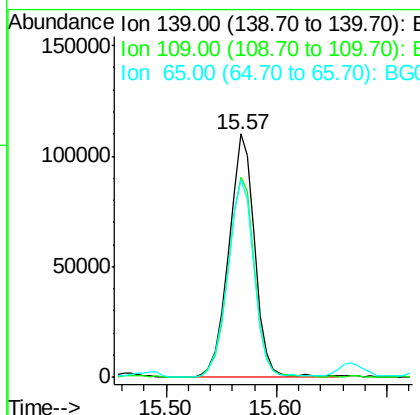
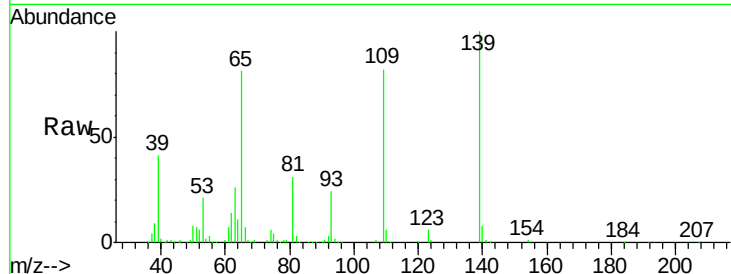
#55
4-Nitrophenol
Concen: 113.138 ng
RT: 15.57 min Scan# 2090
Delta R.T. 0.00 min
Lab File: BG032072.D
Acq: 16 Jan 2018 16:45

Instrument :
BNA_G
ClientSampleId :
SB-22-3.0-3.5MS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	181167		
109	82.2	62.2	102.2	
65	80.9	97.2	137.2	

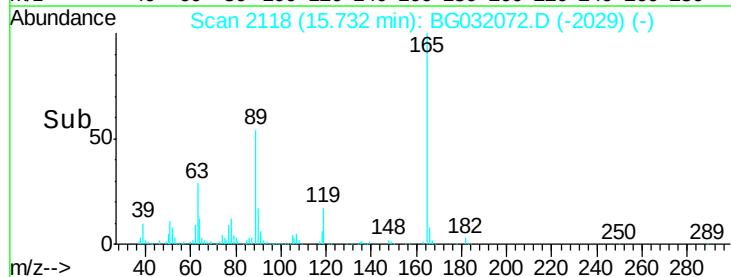
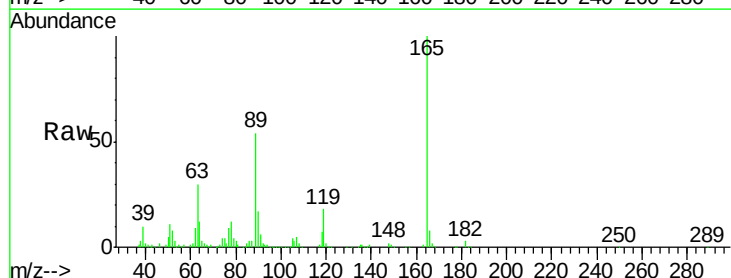
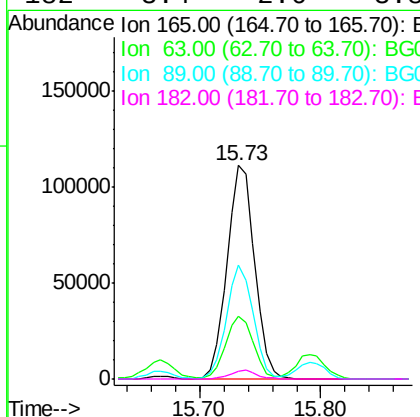
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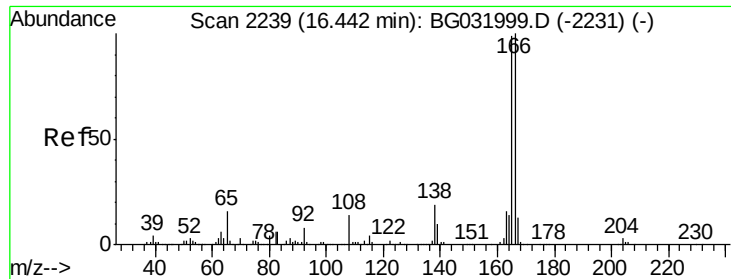
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#56
2,4-Dinitrotoluene
Concen: 53.846 ng
RT: 15.73 min Scan# 2118
Delta R.T. -0.01 min
Lab File: BG032072.D
Acq: 16 Jan 2018 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	176362		
63	29.5	42.0	63.0	#
89	53.6	66.9	100.3	#
182	3.4	2.6	3.8	





#57

Fluorene

Concen: 46.849 ng

RT: 16.44 min Scan# 2238

Delta R.T. -0.01 min

Lab File: BG032072.D

Acq: 16 Jan 2018 16:45

Instrument :

BNA_G

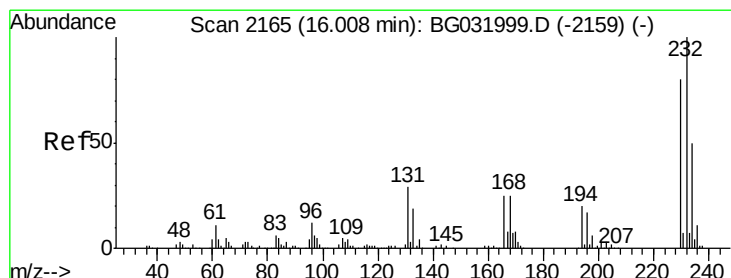
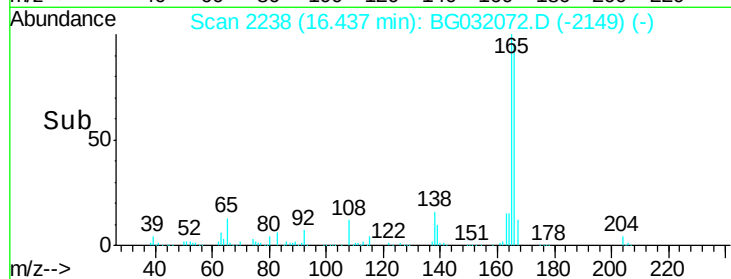
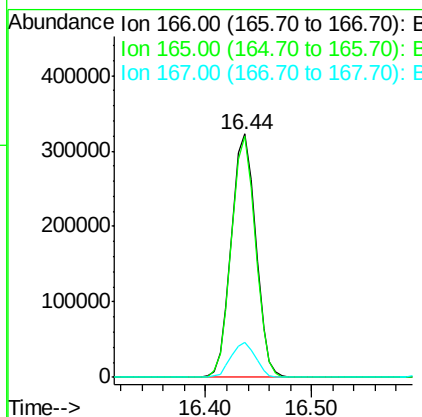
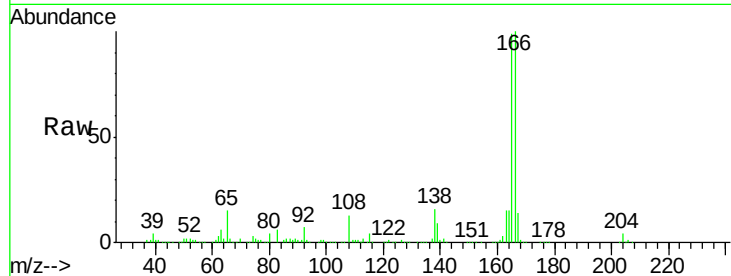
ClientSampleId :

SB-22-3.0-3.5MS

Tgt Ion:	166	Resp:	515528
Ion Ratio		Lower	Upper
166	100		
165	98.9	80.6	121.0
167	14.3	10.4	15.6

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1/17/2018 10:43:04 AM



#58

2,3,4,6-Tetrachlorophenol

Concen: 57.968 ng

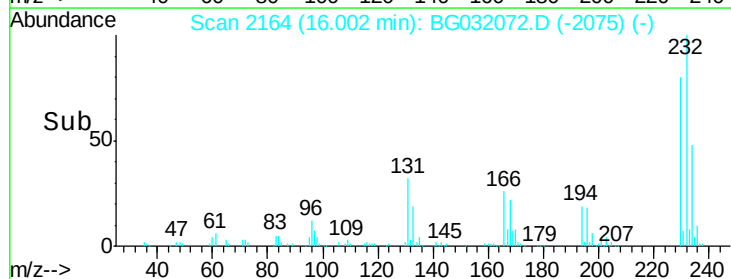
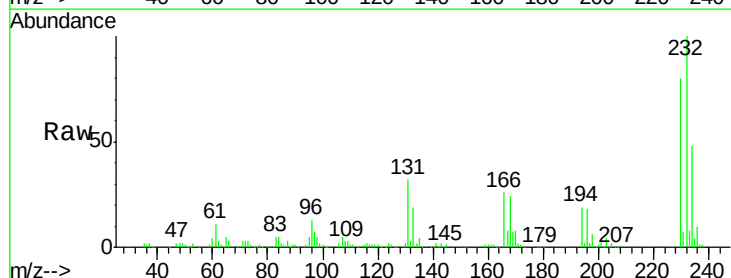
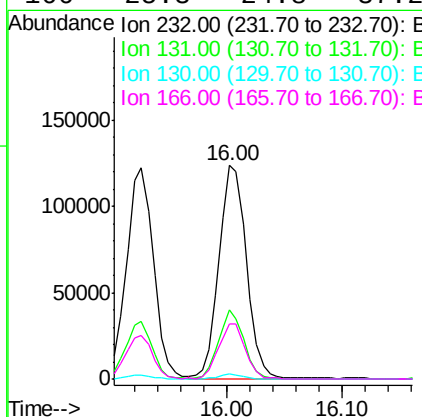
RT: 16.00 min Scan# 2164

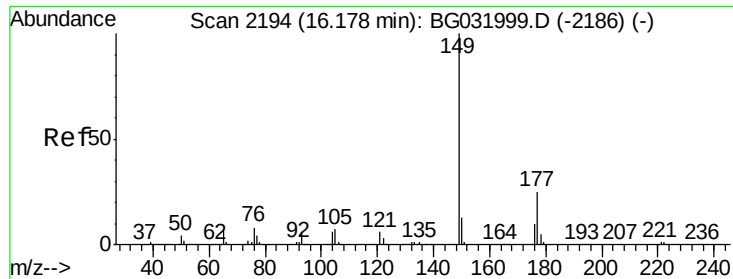
Delta R.T. -0.01 min

Lab File: BG032072.D

Acq: 16 Jan 2018 16:45

Tgt Ion:	232	Resp:	203620
Ion Ratio		Lower	Upper
232	100		
131	30.0	33.5	50.3#
130	1.9	2.2	3.2#
166	25.3	24.8	37.2





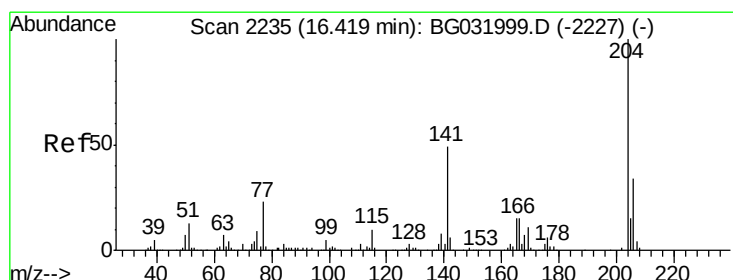
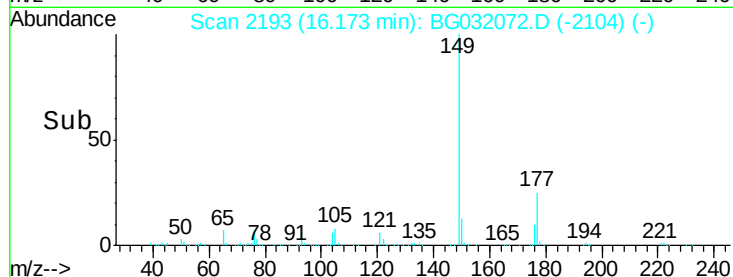
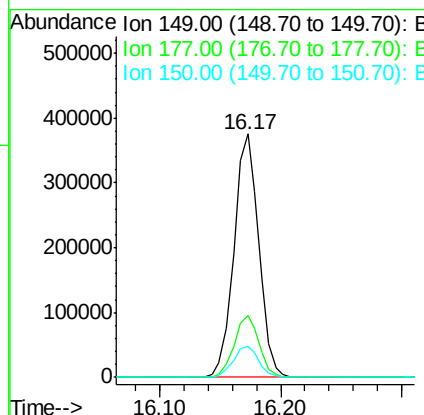
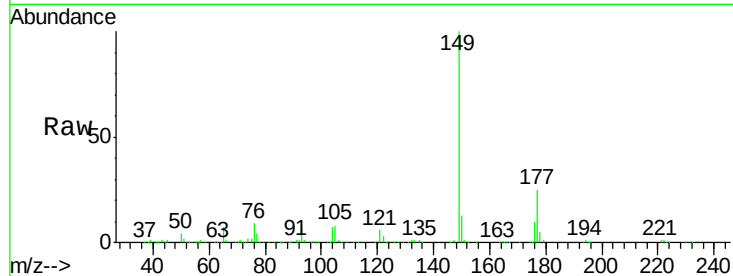
#59
Diethylphthalate
Concen: 46.987 ng
RT: 16.17 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BG032072.D
Acq: 16 Jan 2018 16:45

Instrument :
BNA_G
ClientSampleId :
SB-22-3.0-3.5MS

Tgt Ion	Ratio	Lower	Upper
149	100		
177	25.4	18.5	27.7
150	12.7	10.2	15.2

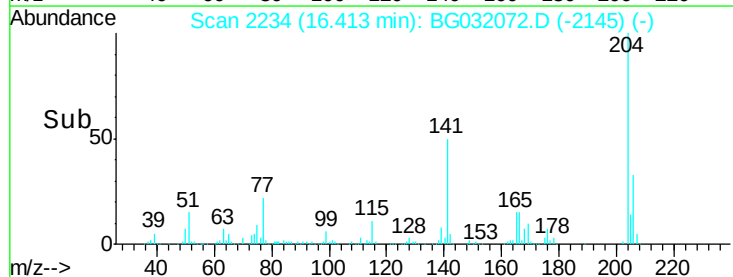
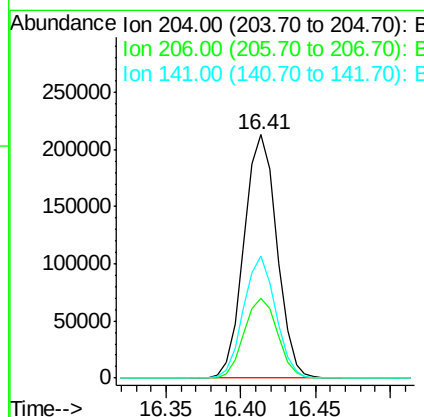
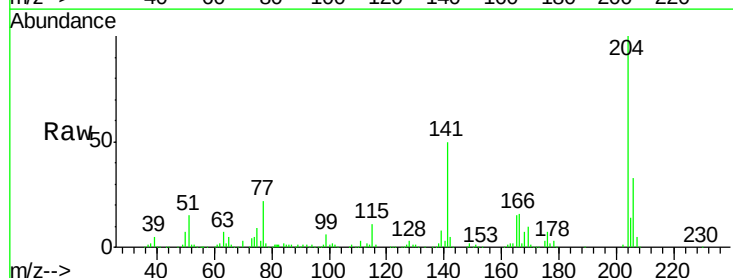
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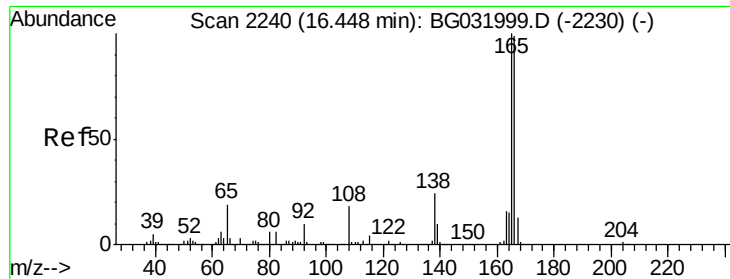
Sohil
1/17/2018 10:43:04 AM



#60
4-Chlorophenyl-phenylether
Concen: 48.040 ng
RT: 16.41 min Scan# 2234
Delta R.T. -0.01 min
Lab File: BG032072.D
Acq: 16 Jan 2018 16:45

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.2	39.2
141	50.0	45.8	68.6





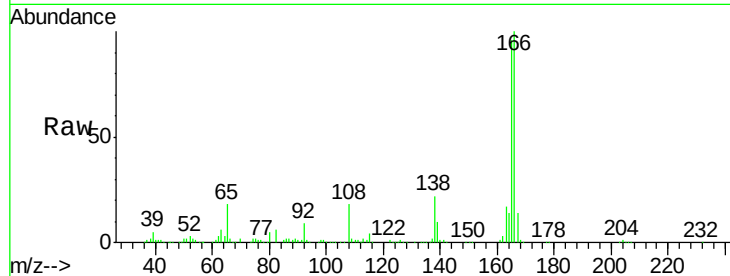
#61
4-Nitroaniline
Concen: 44.603 ng
RT: 16.44 min Scan# 2239
Delta R.T. -0.01 min
Lab File: BG032072.D
Acq: 16 Jan 2018 16:45

Instrument :
BNA_G
ClientSampleId :
SB-22-3.0-3.5MS

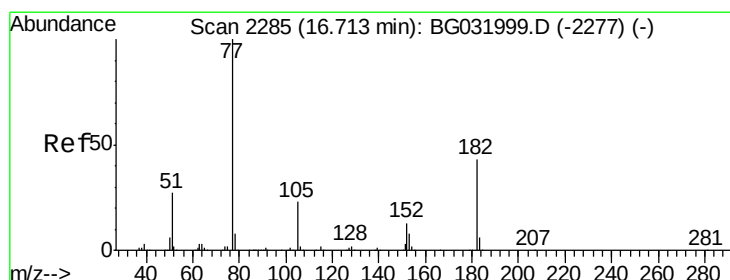
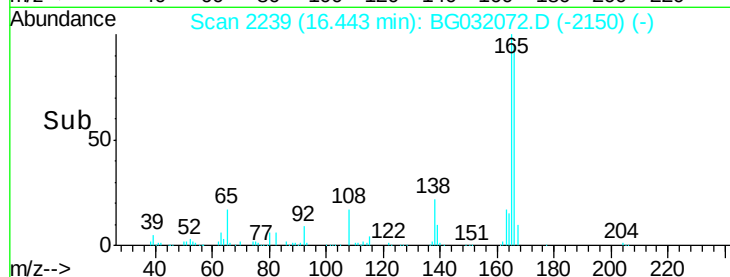
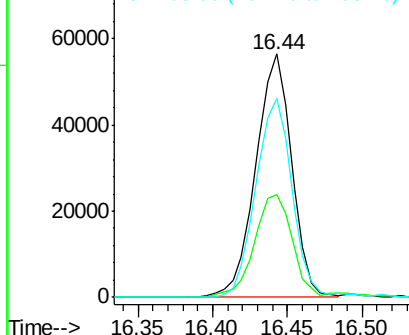
Tgt Ion	Ratio	Resp	Lower	Upper
138	100	94012		
92	42.1	40.1	80.1	
108	81.9	65.4	105.4	

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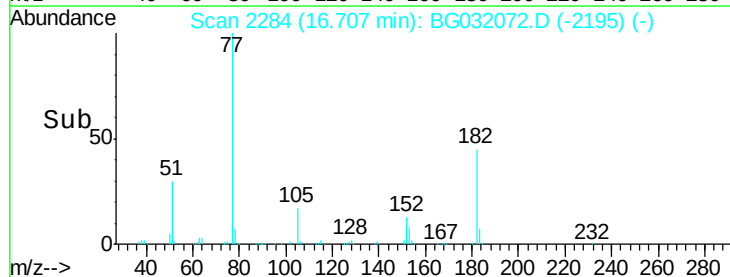
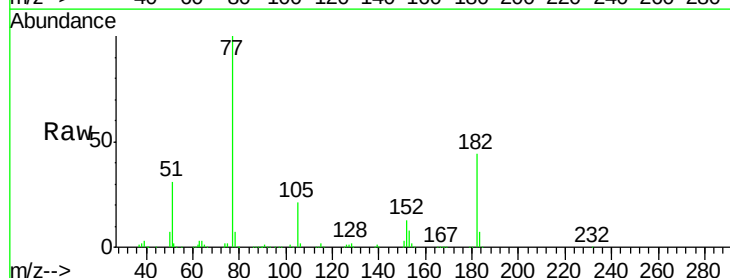
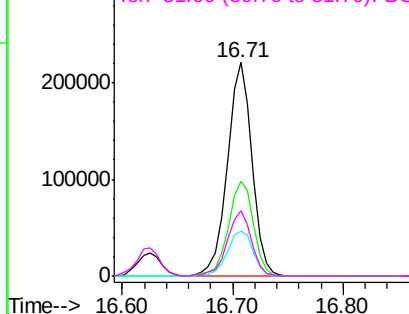
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BGC
Ion 108.00 (107.70 to 108.70): E

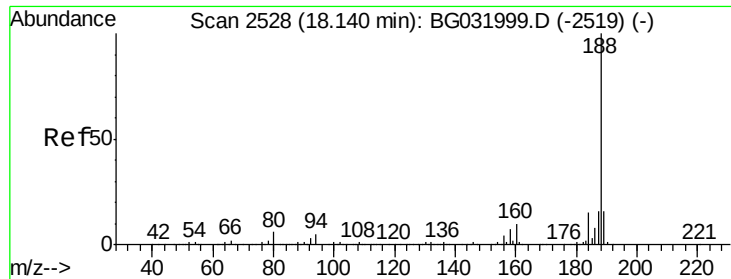


#62
Azobenzene
Concen: 48.371 ng
RT: 16.71 min Scan# 2284
Delta R.T. -0.01 min
Lab File: BG032072.D
Acq: 16 Jan 2018 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	344006		
182	44.1	7.4	47.4	
105	21.2	0.3	40.3	
51	30.7	11.6	51.6	

Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BGC





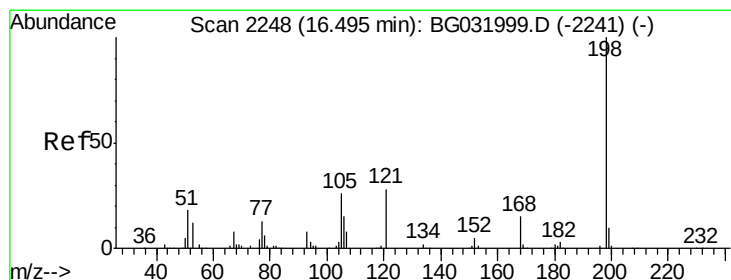
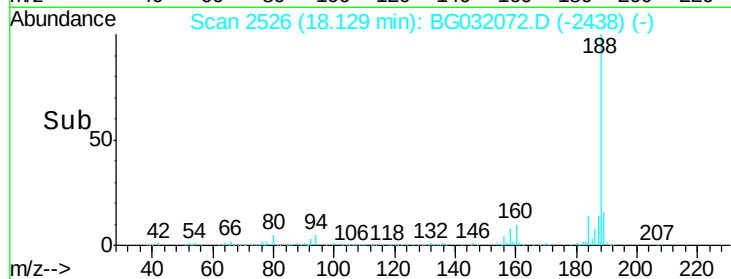
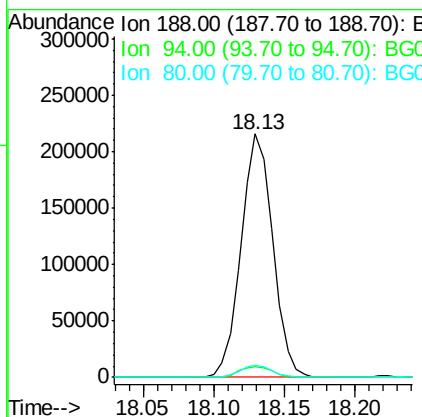
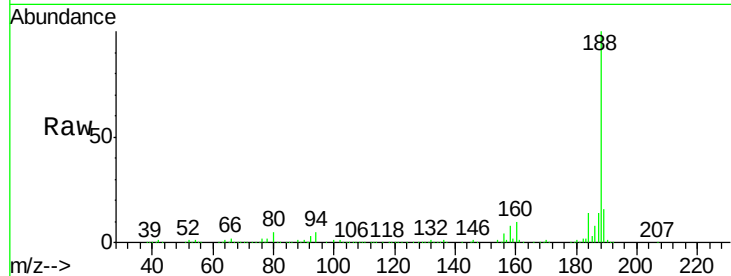
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.13 min Scan# 2526
Delta R.T. -0.01 min
Lab File: BG032072.D
Acq: 16 Jan 2018 16:45

Instrument :
BNA_G
ClientSampleId :
SB-22-3.0-3.5MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	4.5	6.9	10.3#
80	5.1	7.7	11.5#

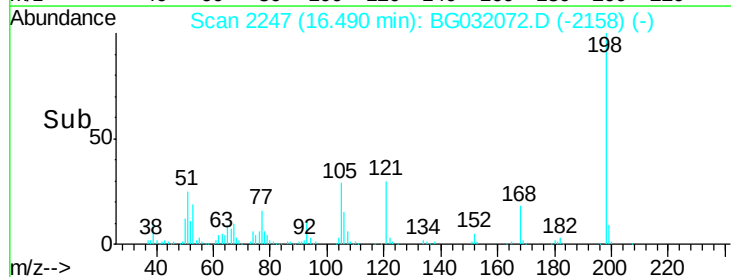
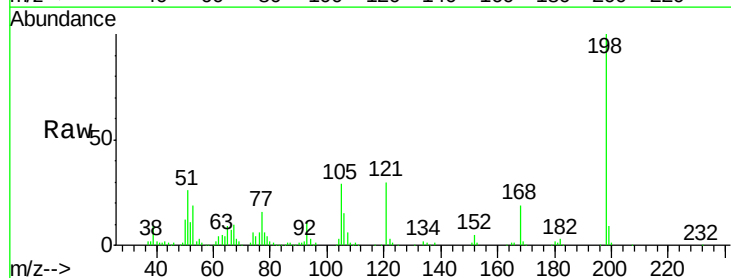
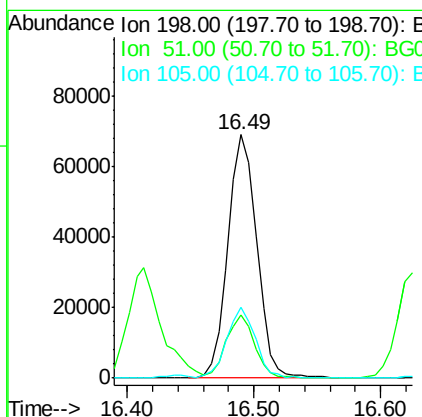
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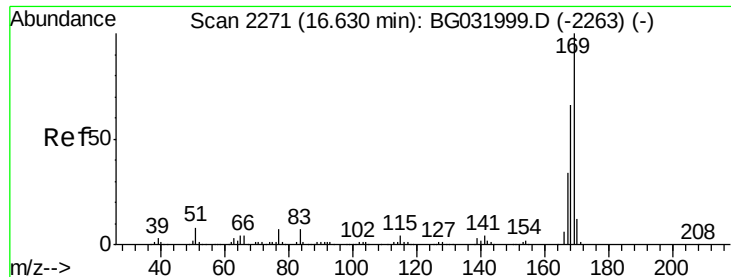
Sohil
1/17/2018 10:43:04 AM



#64
4,6-Dinitro-2-methylphenol
Concen: 49.813 ng
RT: 16.49 min Scan# 2247
Delta R.T. -0.01 min
Lab File: BG032072.D
Acq: 16 Jan 2018 16:45

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	25.8	30.6	70.6#
105	28.8	23.8	63.8





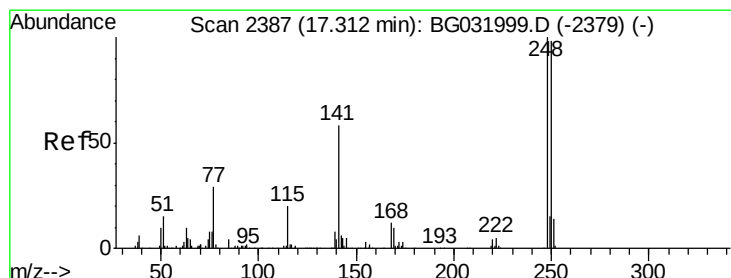
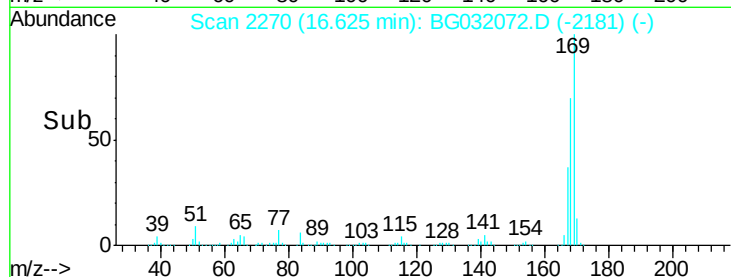
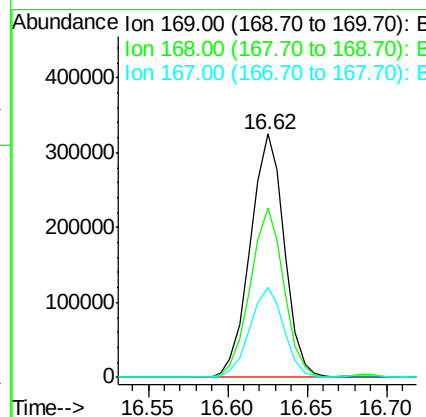
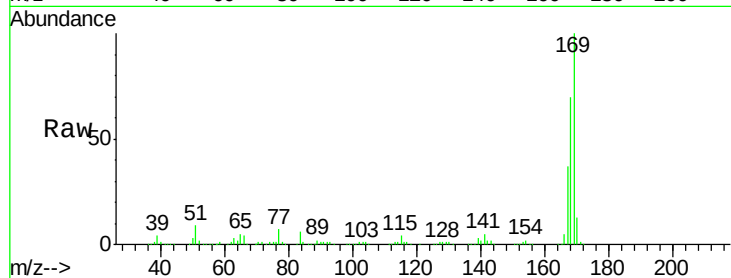
#65
 n-Nitrosodiphenylamine
 Concen: 46.992 ng
 RT: 16.62 min Scan# 2270
 Delta R.T. -0.01 min
 Lab File: BG032072.D
 Acq: 16 Jan 2018 16:45

Instrument :
 BNA_G
 ClientSampleId :
 SB-22-3.0-3.5MS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	483219		
168	69.6		55.7	83.5
167	36.9		30.1	45.1

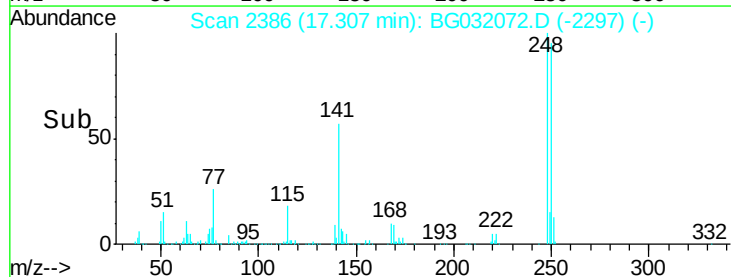
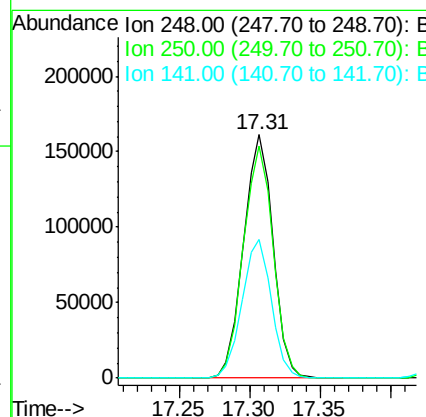
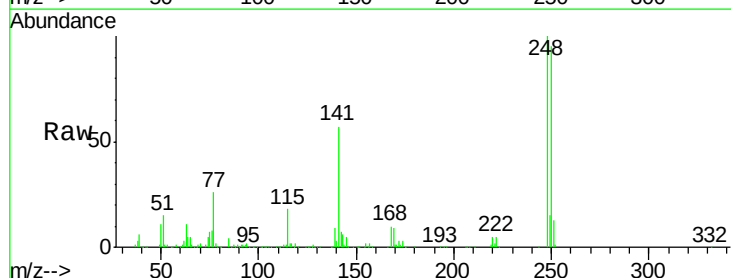
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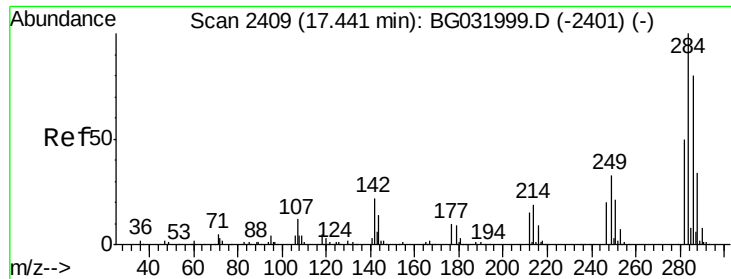
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#66
 4-Bromophenyl-phenylether
 Concen: 48.909 ng
 RT: 17.31 min Scan# 2386
 Delta R.T. -0.01 min
 Lab File: BG032072.D
 Acq: 16 Jan 2018 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	235820		
250	95.2		77.1	115.7
141	56.9		50.8	76.2





#67

Hexachlorobenzene

Concen: 44.648 ng

RT: 17.44 min Scan# 2408

Delta R.T. -0.01 min

Lab File: BG032072.D

Acq: 16 Jan 2018 16:45

Instrument :

BNA_G

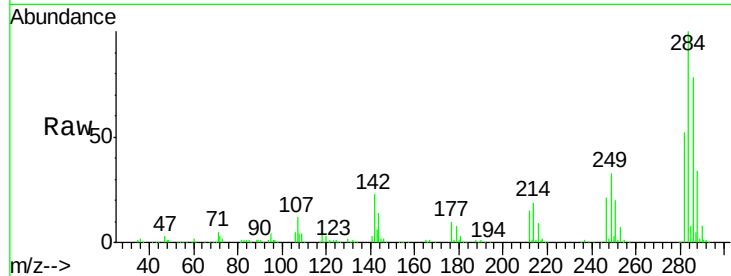
ClientSampleId :

SB-22-3.0-3.5MS

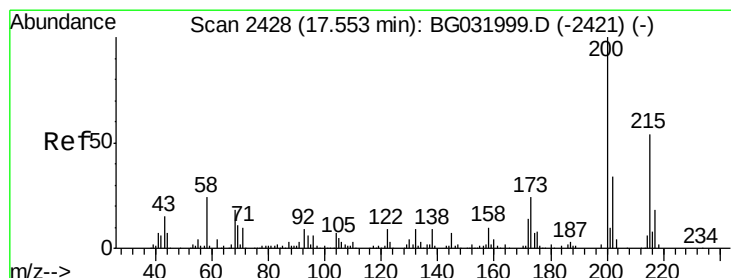
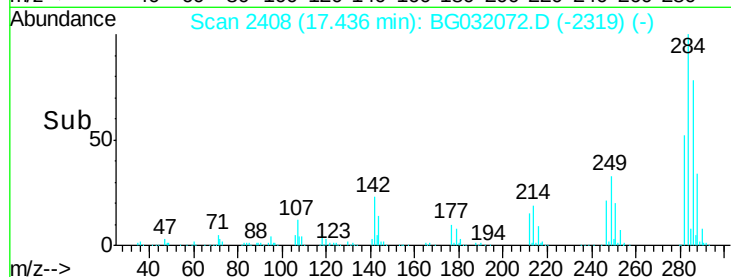
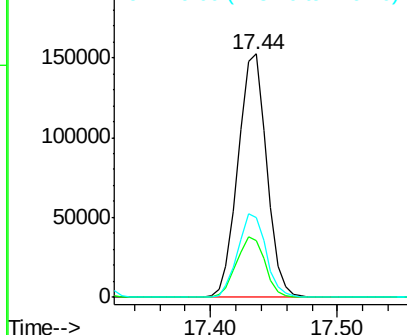
Tgt Ion:	284	Resp:	238167
Ion Ratio	Lower	Upper	
284	100		
142	23.3	26.8	40.2#
249	32.8	26.3	39.5

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



#68

Atrazine

Concen: 52.202 ng

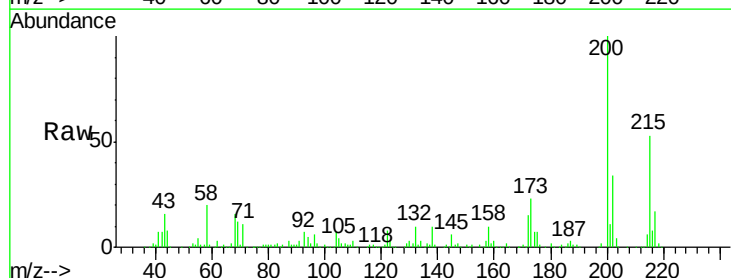
RT: 17.55 min Scan# 2427

Delta R.T. -0.01 min

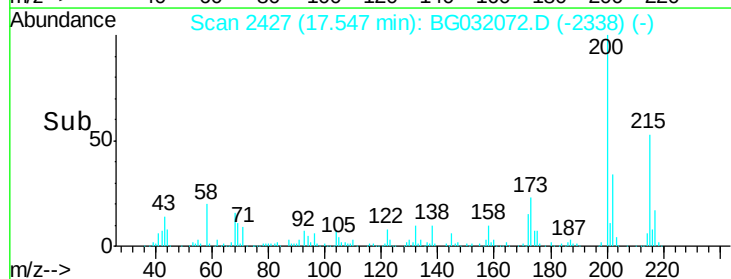
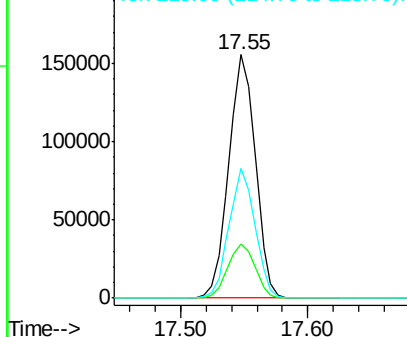
Lab File: BG032072.D

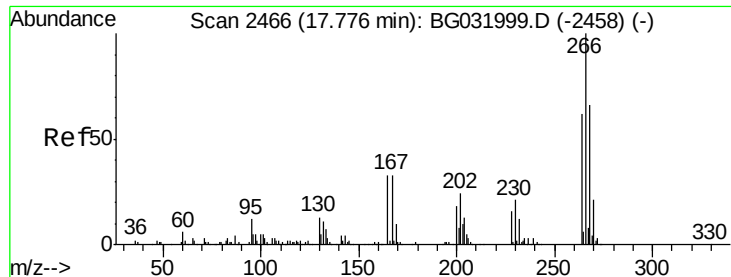
Acq: 16 Jan 2018 16:45

Tgt Ion:	200	Resp:	225744
Ion Ratio	Lower	Upper	
200	100		
173	22.5	5.2	45.2
215	53.2	30.4	70.4



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





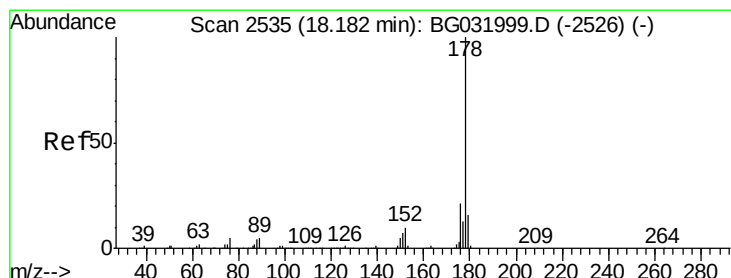
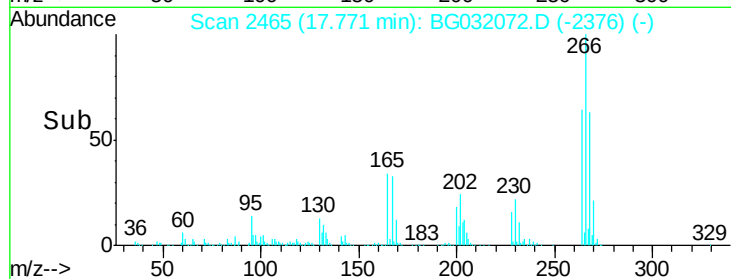
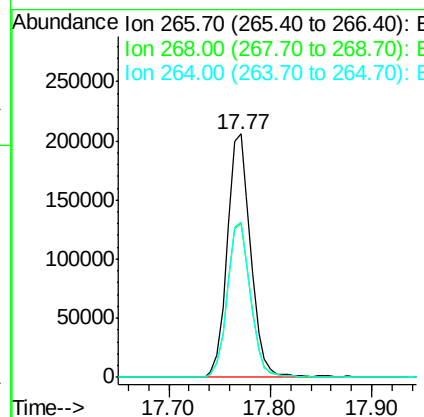
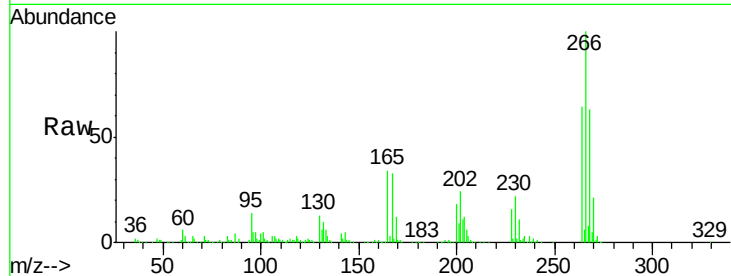
#69
 Pentachlorophenol
 Concen: 96.572 ng
 RT: 17.77 min Scan# 2465
 Delta R.T. -0.01 min
 Lab File: BG032072.D
 Acq: 16 Jan 2018 16:45

Instrument :
 BNA_G
 ClientSampleId :
 SB-22-3.0-3.5MS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	329278		
268	63.0	51.1	76.7	
264	63.7	49.6	74.4	

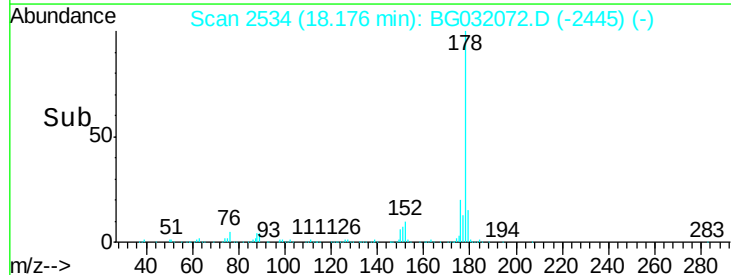
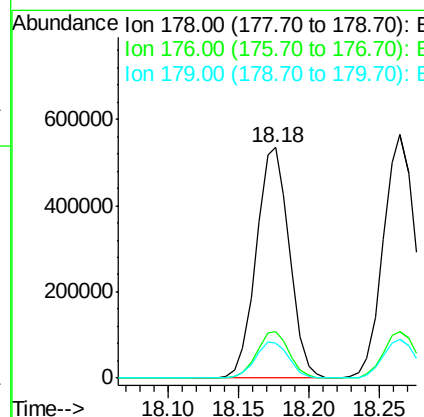
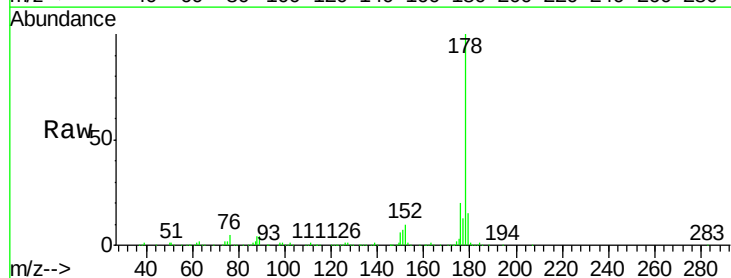
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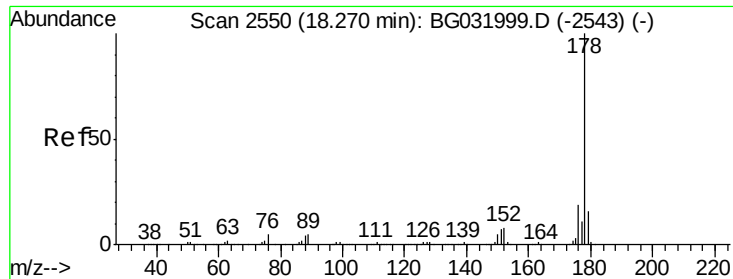
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#70
 Phenanthrene
 Concen: 46.708 ng
 RT: 18.18 min Scan# 2534
 Delta R.T. -0.01 min
 Lab File: BG032072.D
 Acq: 16 Jan 2018 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	881269		
176	20.2	15.7	23.5	
179	15.4	12.5	18.7	





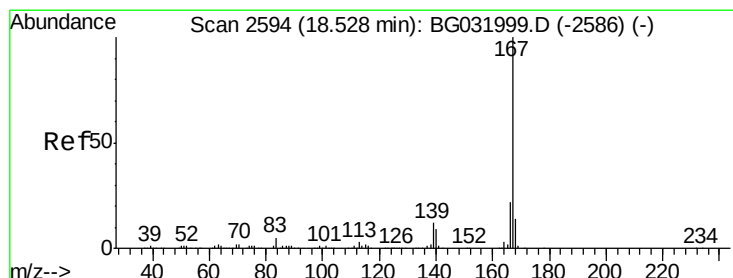
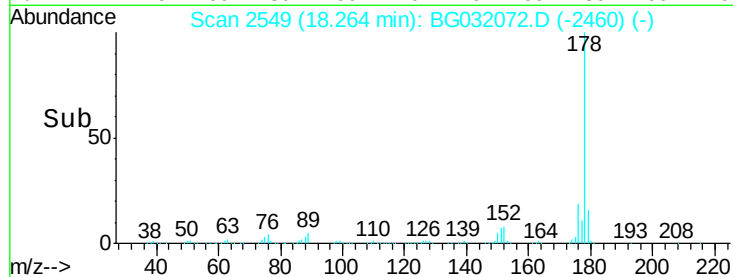
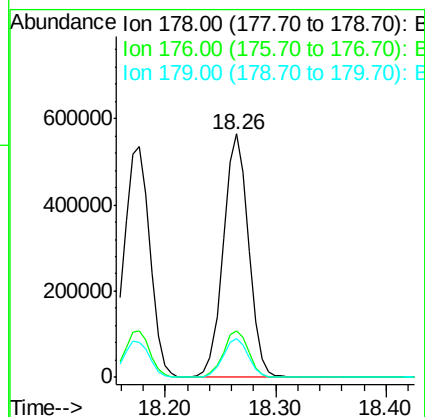
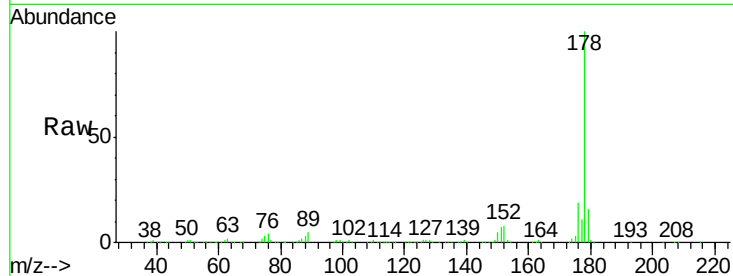
#71
 Anthracene
 Concen: 47.632 ng
 RT: 18.26 min Scan# 2549
 Delta R.T. -0.01 min
 Lab File: BG032072.D
 Acq: 16 Jan 2018 16:45

Instrument :
 BNA_G
 ClientSampleId :
 SB-22-3.0-3.5MS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.0	24.0
179	16.0	12.5	18.7

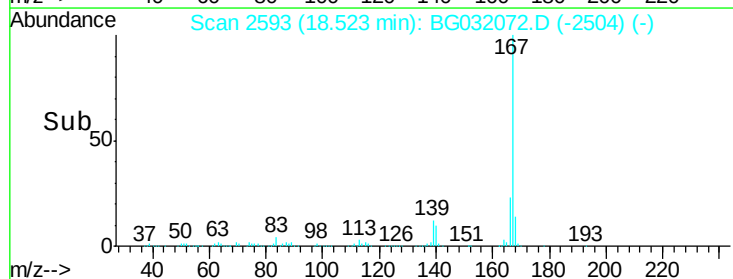
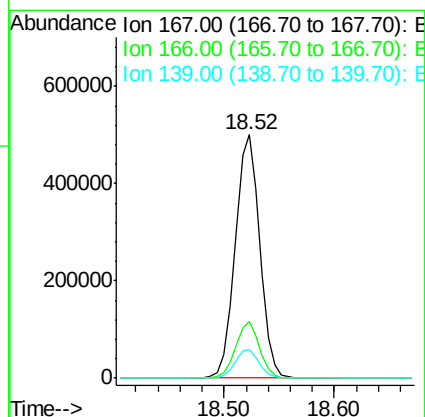
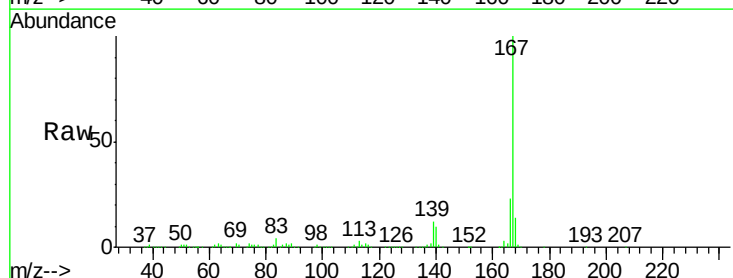
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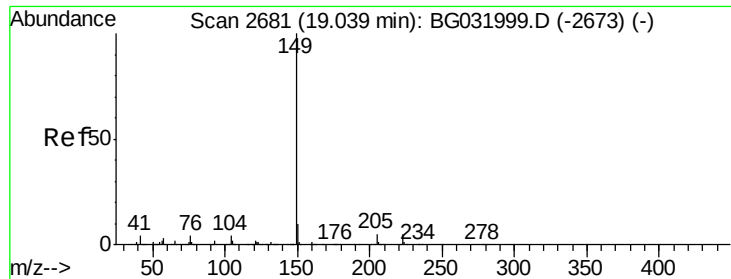
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#72
 Carbazole
 Concen: 47.694 ng
 RT: 18.52 min Scan# 2593
 Delta R.T. -0.01 min
 Lab File: BG032072.D
 Acq: 16 Jan 2018 16:45

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.3	18.2	27.4
139	11.7	9.4	14.2





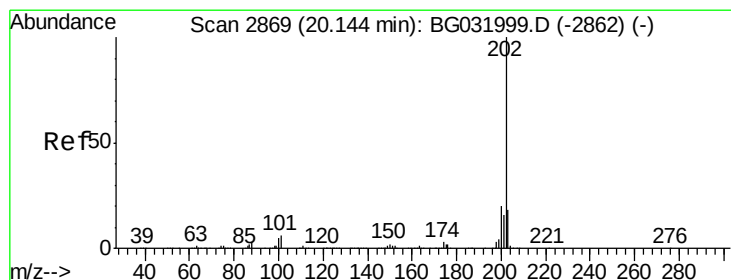
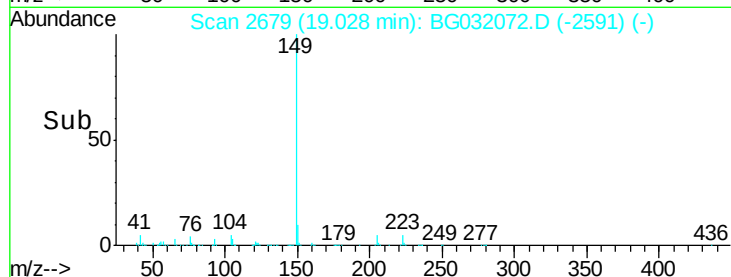
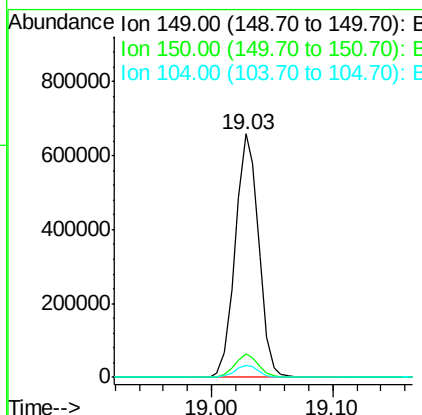
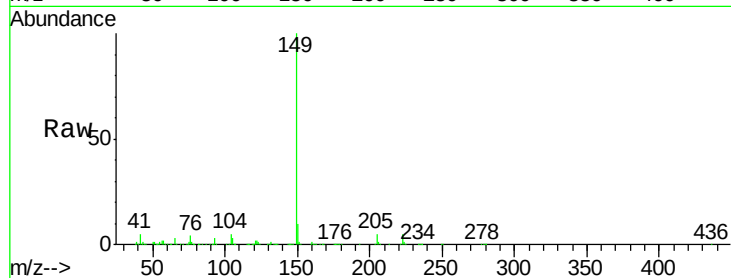
#73
Di-n-butylphthalate
Concen: 46.124 ng
RT: 19.03 min Scan# 2679
Delta R.T. -0.01 min
Lab File: BG032072.D
Acq: 16 Jan 2018 16:45

Instrument :
BNA_G
ClientSampleId :
SB-22-3.0-3.5MS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	889709		
150	9.7		7.8	11.6
104	4.8		3.9	5.9

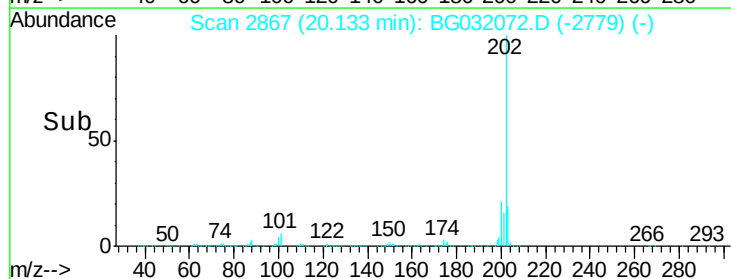
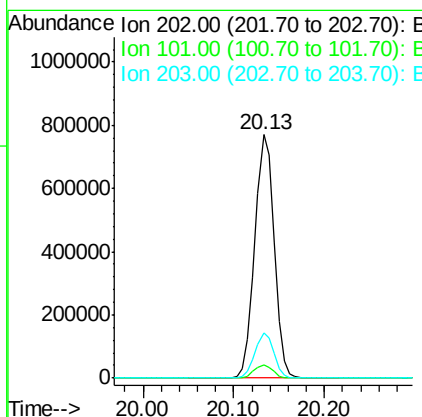
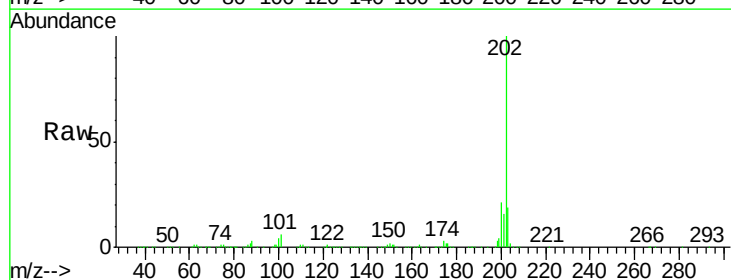
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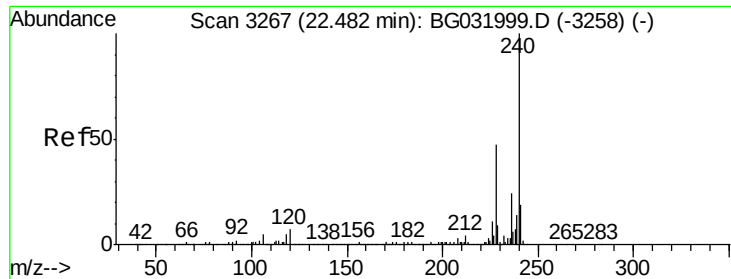
Sohil
1/17/2018 10:43:04 AM



#74
Fluoranthene
Concen: 48.237 ng
RT: 20.13 min Scan# 2867
Delta R.T. -0.01 min
Lab File: BG032072.D
Acq: 16 Jan 2018 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1139512		
101	5.6		0.0	28.9
203	18.5		0.0	37.5





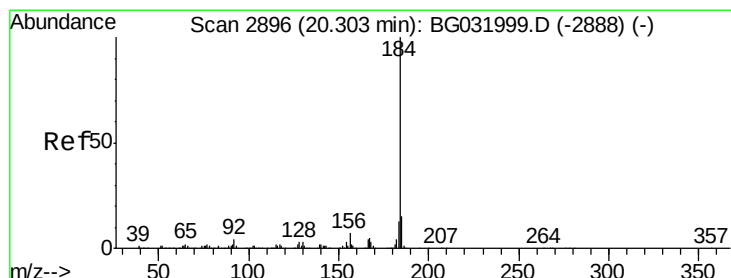
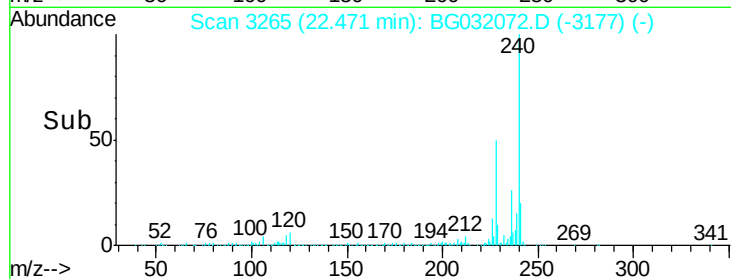
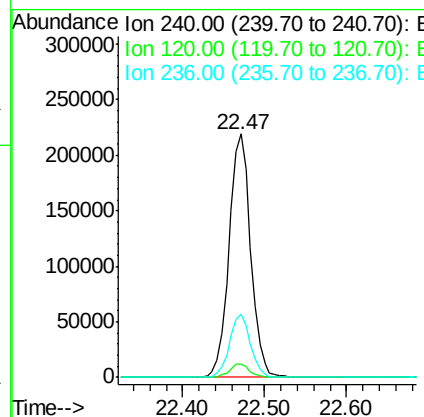
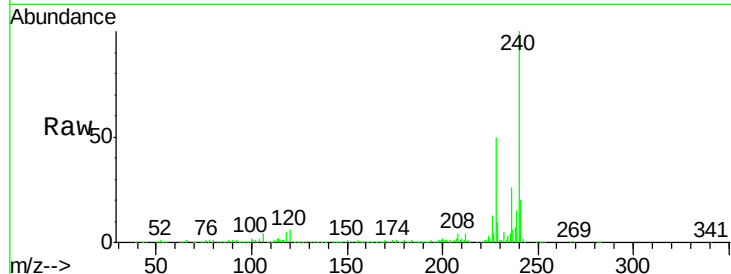
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.47 min Scan# 3265
 Delta R.T. -0.01 min
 Lab File: BG032072.D
 Acq: 16 Jan 2018 16:45

Instrument :
 BNA_G
 ClientSampleId :
 SB-22-3.0-3.5MS

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	402101		
120	5.6	6.8	10.2#	
236	26.1	20.9	31.3	

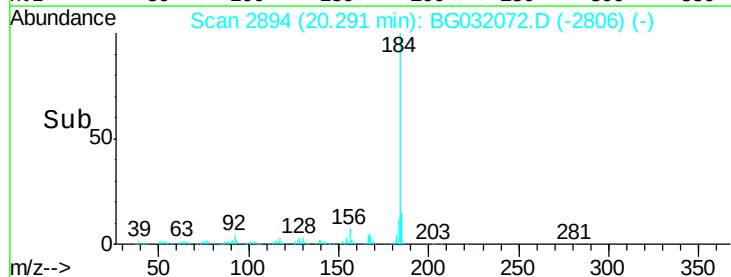
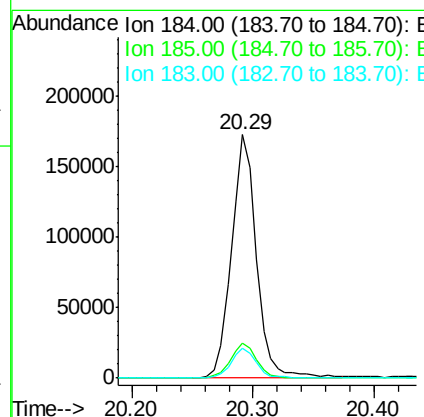
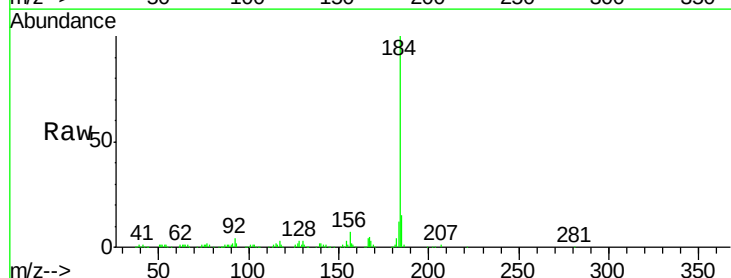
Manual Integrations
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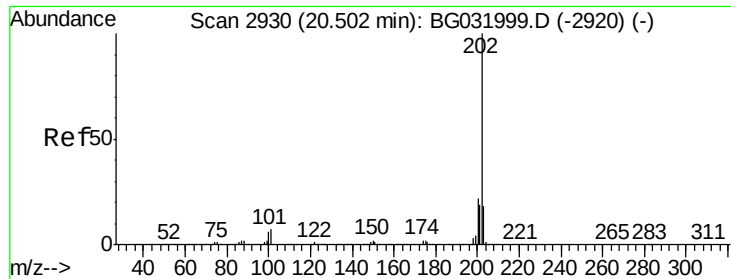
Sohil
 1/17/2018 10:43:04 AM



#76
 Benzidine
 Concen: 24.620 ng
 RT: 20.29 min Scan# 2894
 Delta R.T. -0.01 min
 Lab File: BG032072.D
 Acq: 16 Jan 2018 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	247554		
185	14.5	11.1	16.7	
183	12.2	10.6	16.0	





#77

Pyrene

Concen: 45.112 ng

RT: 20.49 min Scan# 2928

Delta R.T. -0.01 min

Lab File: BG032072.D

Acq: 16 Jan 2018 16:45

Instrument :

BNA_G

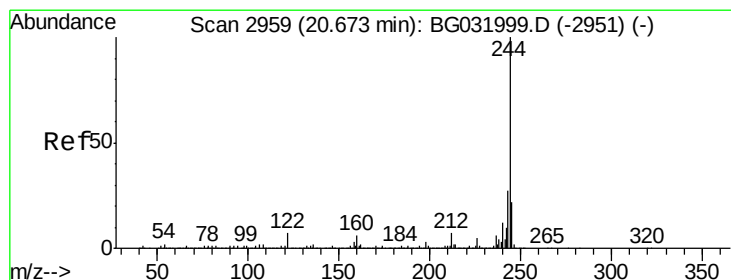
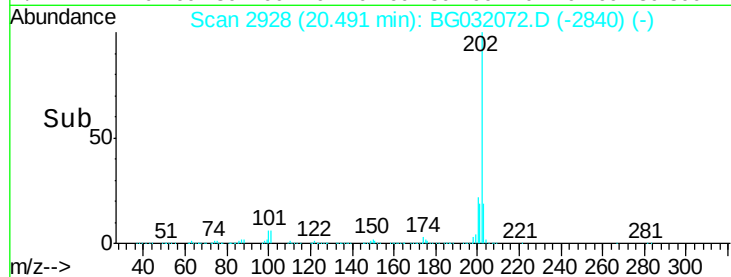
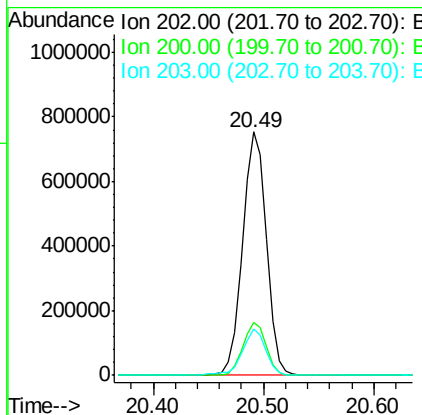
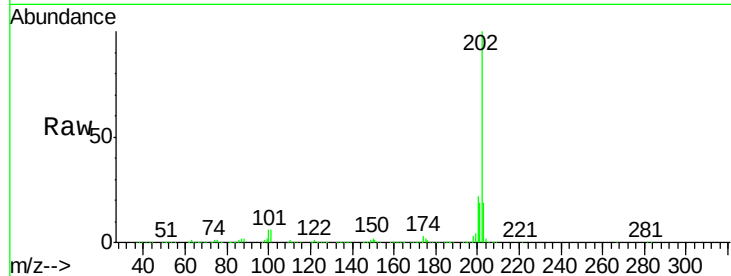
ClientSampleId :

SB-22-3.0-3.5MS

Tgt Ion:	202	Resp:	1140324
Ion	Ratio	Lower	Upper
202	100		
200	21.8	16.9	25.3
203	19.2	13.9	20.9

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#78

Terphenyl-d14

Concen: 90.636 ng

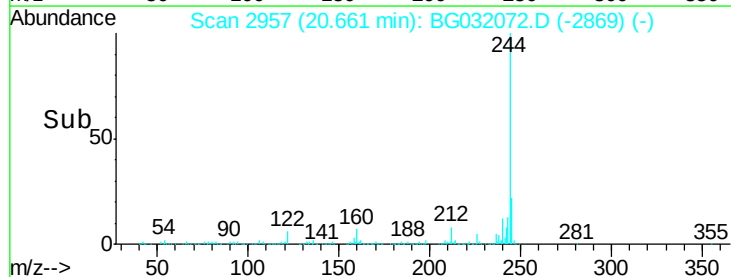
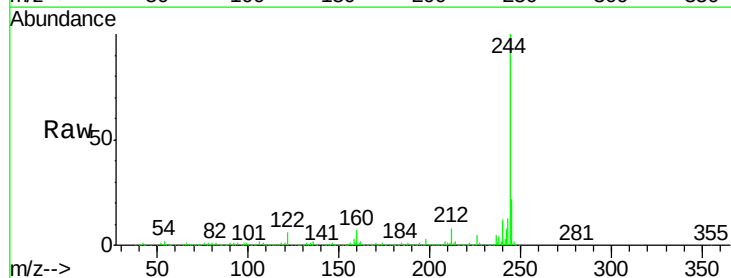
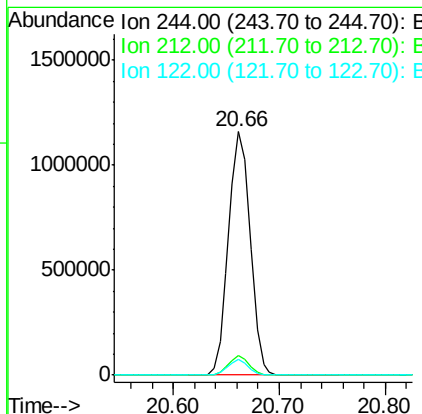
RT: 20.66 min Scan# 2957

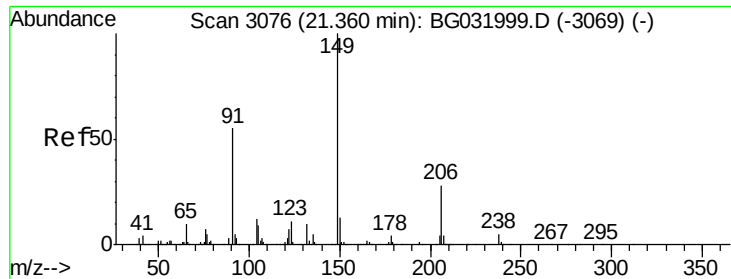
Delta R.T. -0.01 min

Lab File: BG032072.D

Acq: 16 Jan 2018 16:45

Tgt Ion:	244	Resp:	1650554
Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.8	8.8
122	6.3	7.0	10.4#





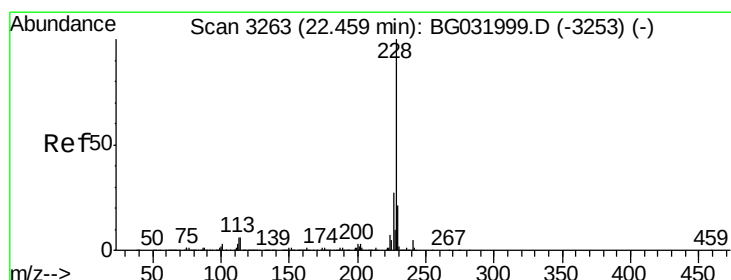
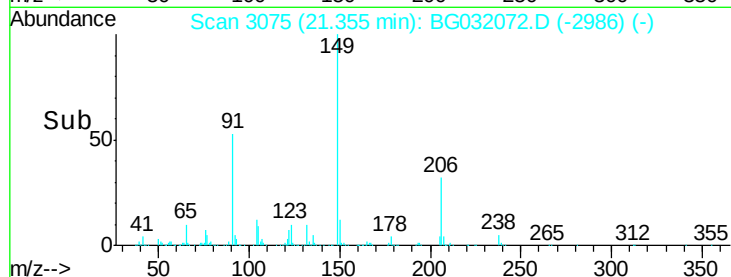
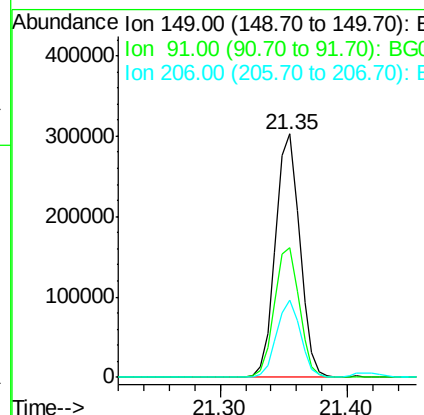
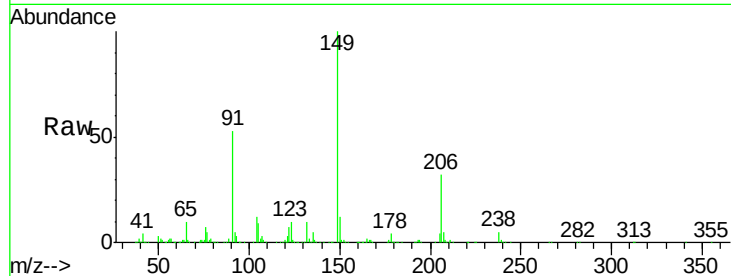
#79
Butylbenzylphthalate
Concen: 44.705 ng
RT: 21.35 min Scan# 3075
Delta R.T. -0.01 min
Lab File: BG032072.D
Acq: 16 Jan 2018 16:45

Instrument :
BNA_G
ClientSampleId :
SB-22-3.0-3.5MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	53.1	62.2	93.2#
206	31.7	18.6	27.8#

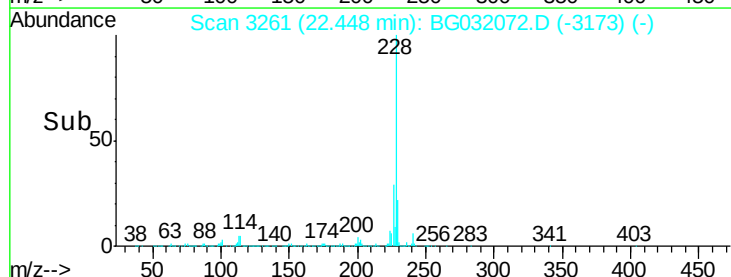
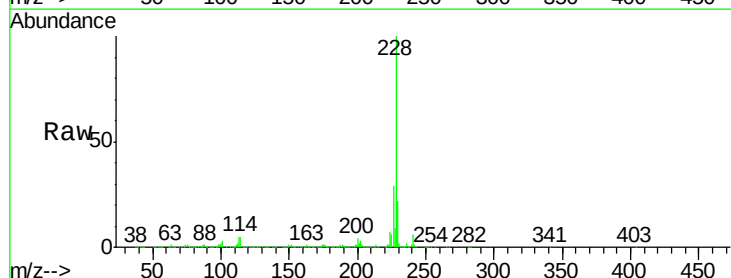
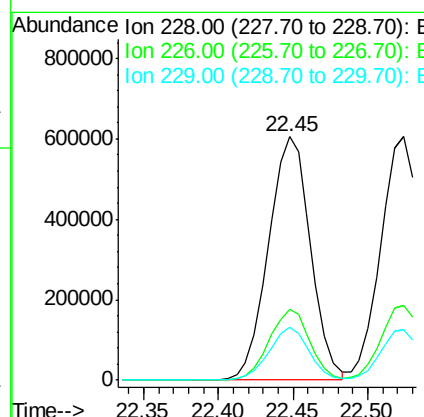
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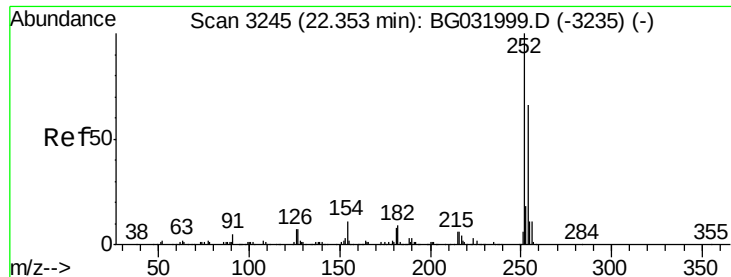
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#80
Benzo(a)anthracene
Concen: 47.194 ng
RT: 22.45 min Scan# 3261
Delta R.T. -0.01 min
Lab File: BG032072.D
Acq: 16 Jan 2018 16:45

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	28.9	22.7	34.1
229	21.6	16.2	24.2





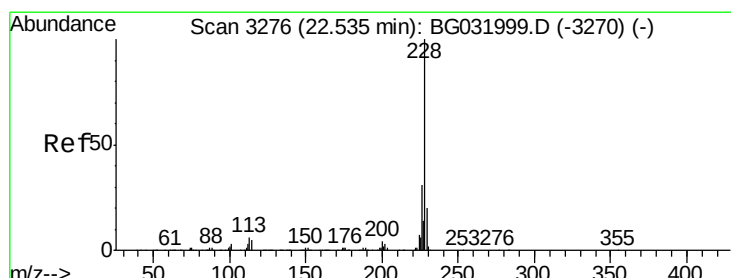
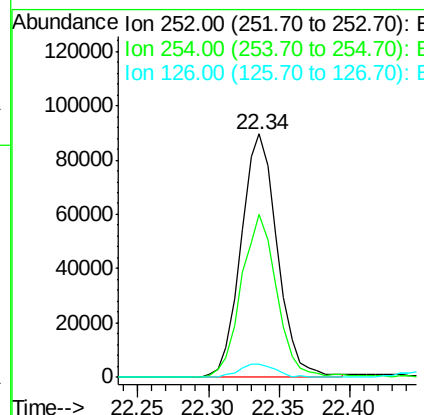
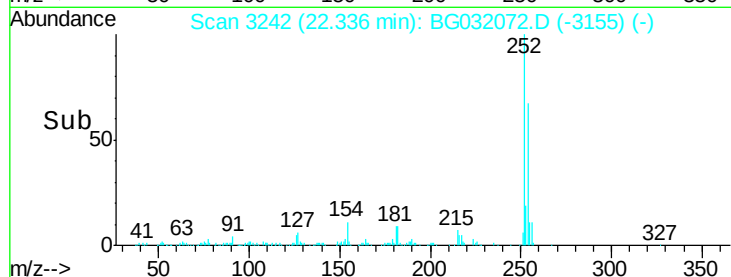
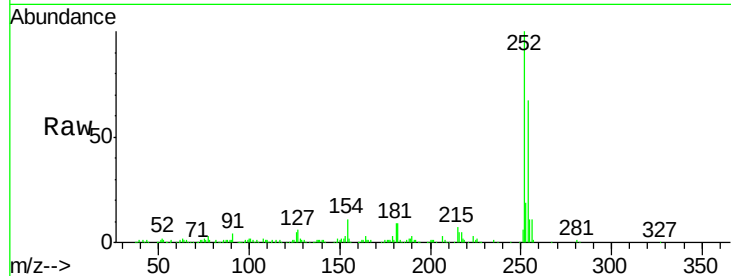
#81
 3,3'-Dichlorobenzidine
 Concen: 17.263 ng
 RT: 22.34 min Scan# 3242
 Delta R.T. -0.02 min
 Lab File: BG032072.D
 Acq: 16 Jan 2018 16:45

Instrument :
 BNA_G
 ClientSampleId :
 SB-22-3.0-3.5MS

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.9	50.8	76.2
126	5.4	7.4	11.2

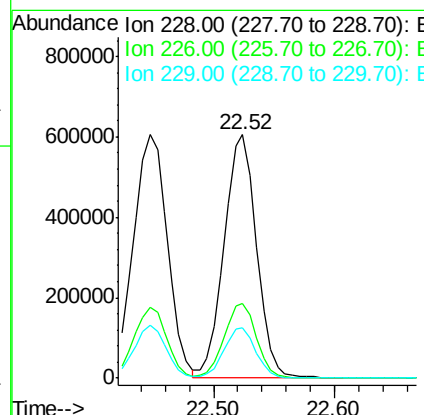
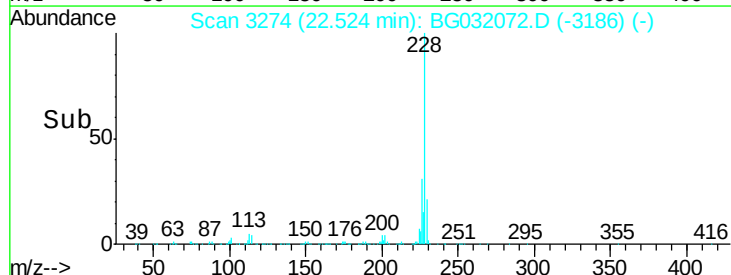
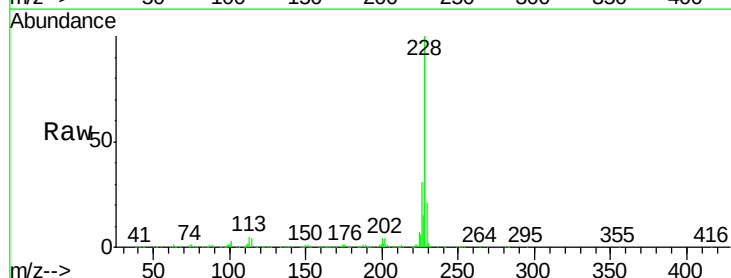
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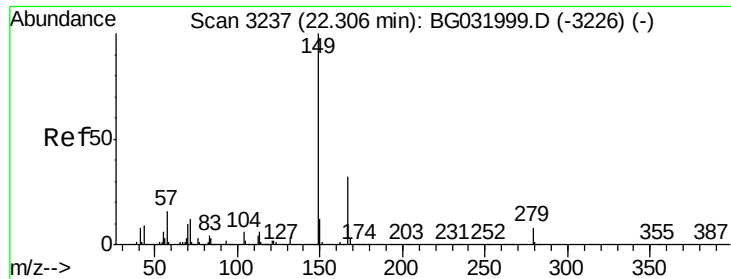
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#82
 Chrysene
 Concen: 46.617 ng
 RT: 22.52 min Scan# 3274
 Delta R.T. -0.01 min
 Lab File: BG032072.D
 Acq: 16 Jan 2018 16:45

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.9	37.3
229	20.6	15.0	22.4





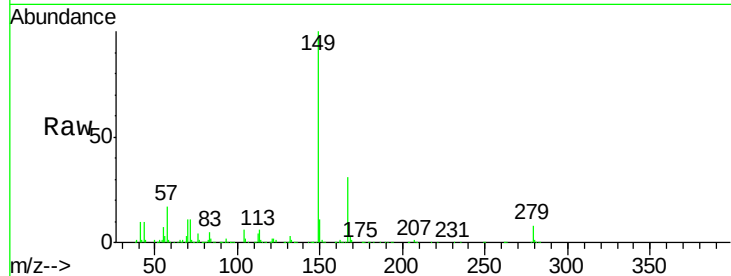
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.861 ng
 RT: 22.29 min Scan# 3234
 Delta R.T. -0.02 min
 Lab File: BG032072.D
 Acq: 16 Jan 2018 16:45

Instrument :
 BNA_G
 ClientSampleId :
 SB-22-3.0-3.5MS

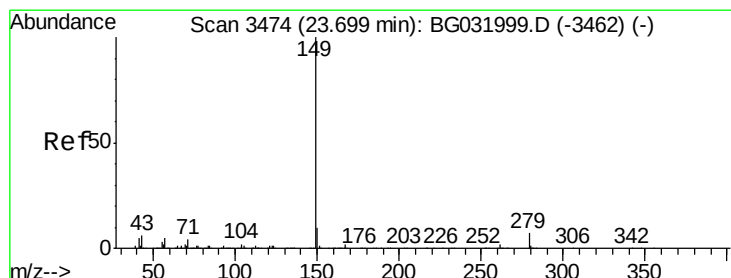
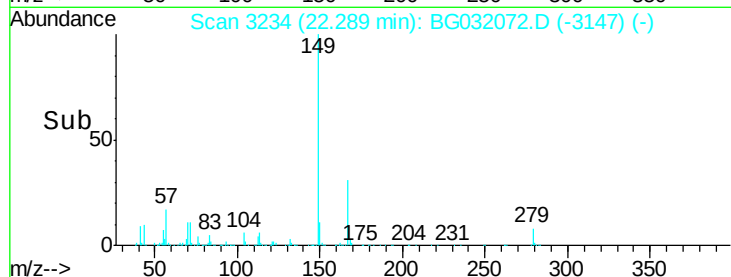
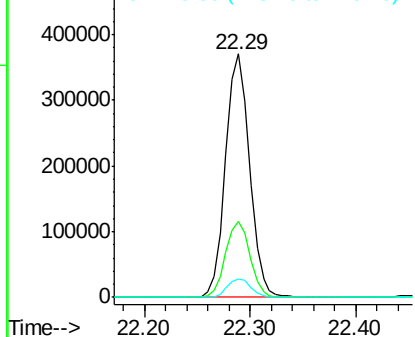
Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	31.4	24.3	36.5
279	7.6	4.0	6.0

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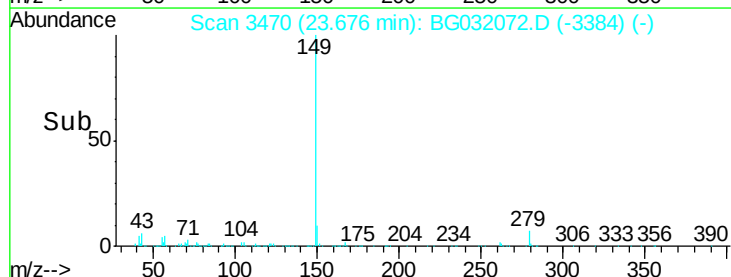
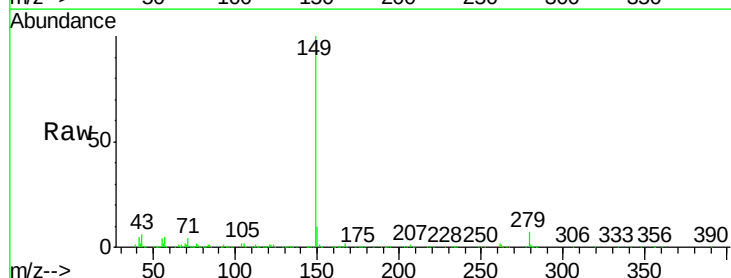
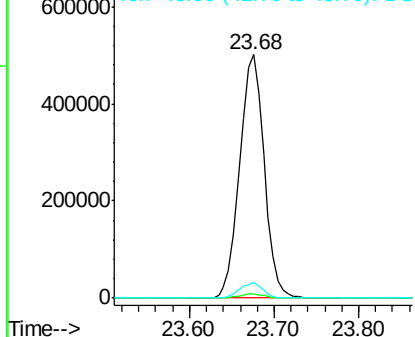
Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

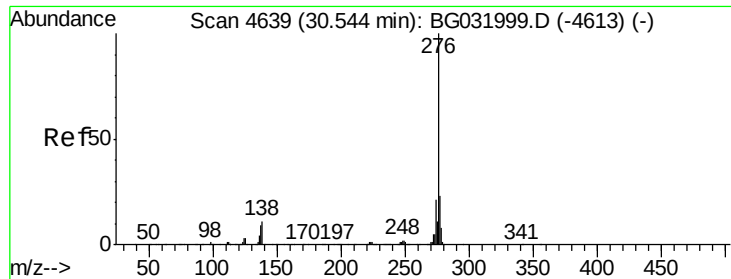


#84
 Di-n-octyl phthalate
 Concen: 47.583 ng
 RT: 23.68 min Scan# 3470
 Delta R.T. -0.02 min
 Lab File: BG032072.D
 Acq: 16 Jan 2018 16:45

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	1.8	1.4	2.0
43	6.0	8.9	13.3

Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BG





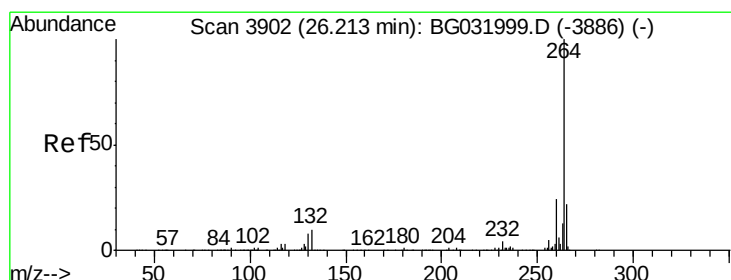
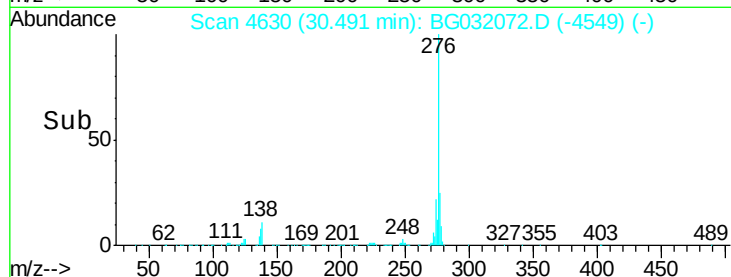
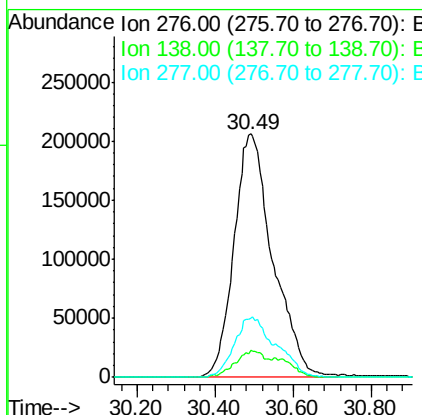
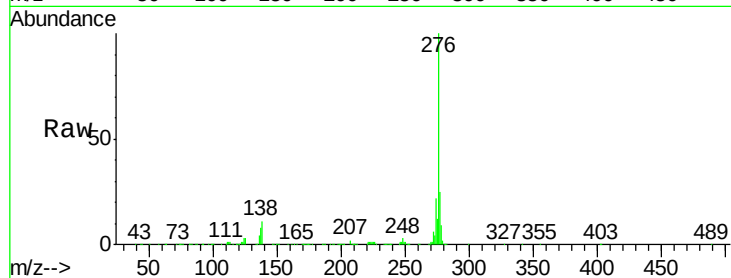
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 48.670 ng
 RT: 30.49 min Scan# 4630
 Delta R.T. -0.05 min
 Lab File: BG032072.D
 Acq: 16 Jan 2018 16:45

Instrument :
 BNA_G
 ClientSampleId :
 SB-22-3.0-3.5MS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	8.8	16.0	24.0#
277	26.5	20.0	30.0

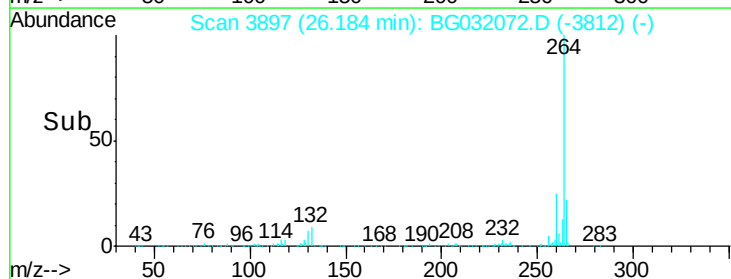
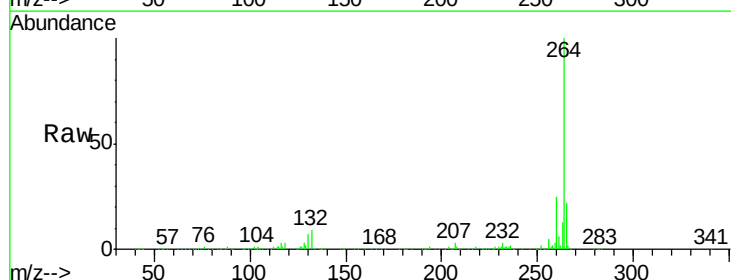
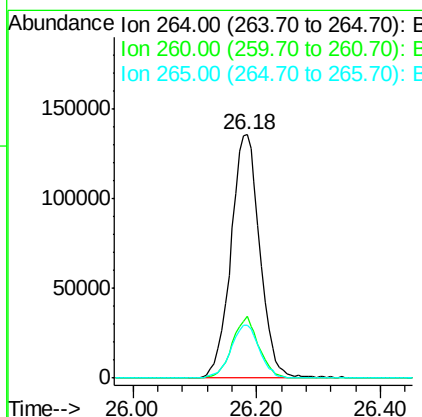
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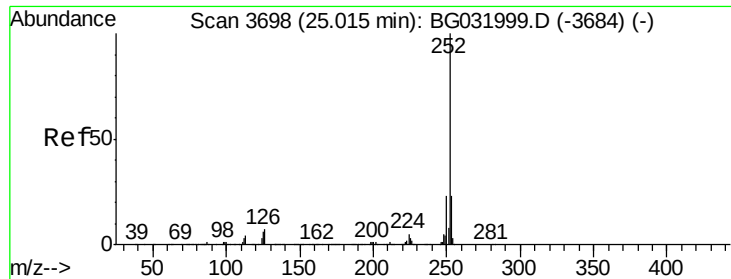
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.18 min Scan# 3897
 Delta R.T. -0.03 min
 Lab File: BG032072.D
 Acq: 16 Jan 2018 16:45

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.2	17.4	26.0
265	21.8	17.7	26.5





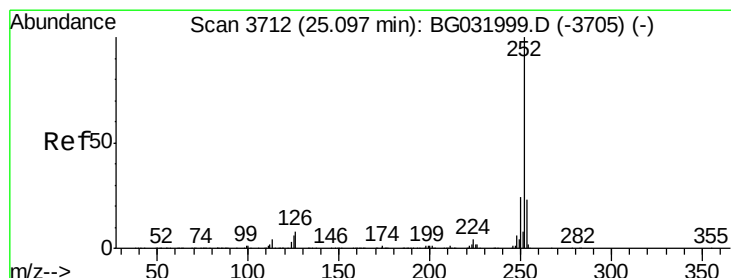
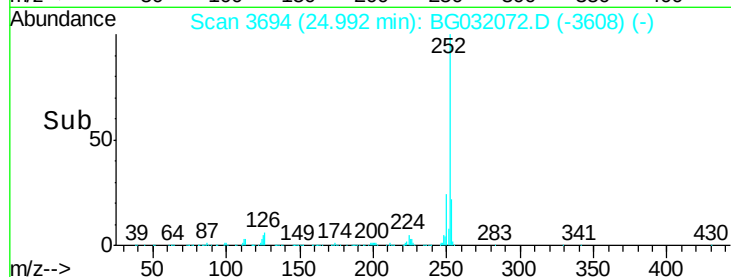
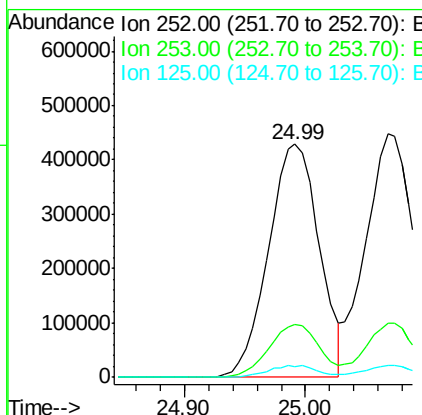
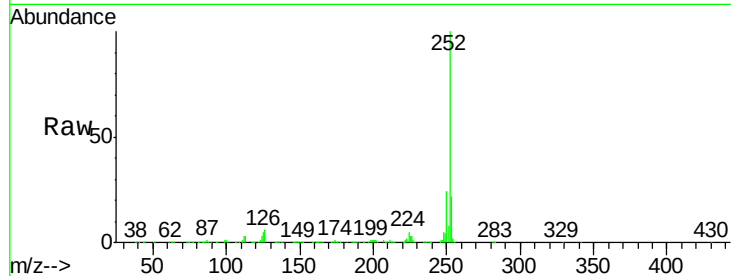
#87
Benzo(b)fluoranthene
Concen: 46.842 ng
RT: 24.99 min Scan# 3694
Delta R.T. -0.02 min
Lab File: BG032072.D
Acq: 16 Jan 2018 16:45

Instrument :
BNA_G
ClientSampleId :
SB-22-3.0-3.5MS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.4
125	4.7	7.2	10.8

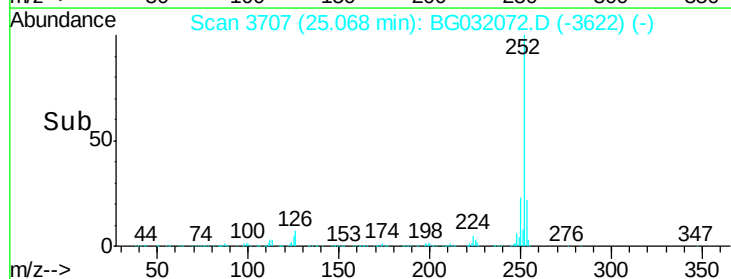
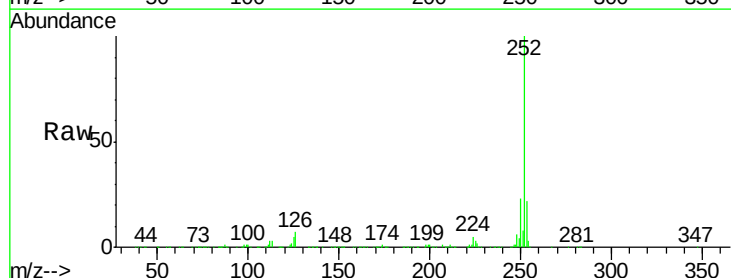
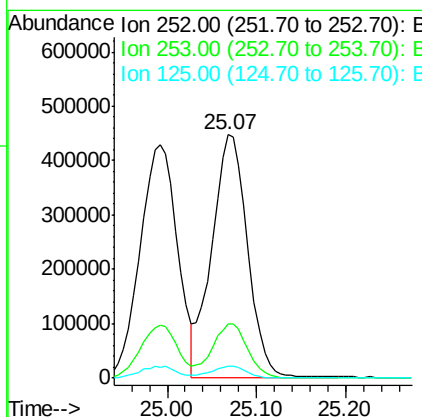
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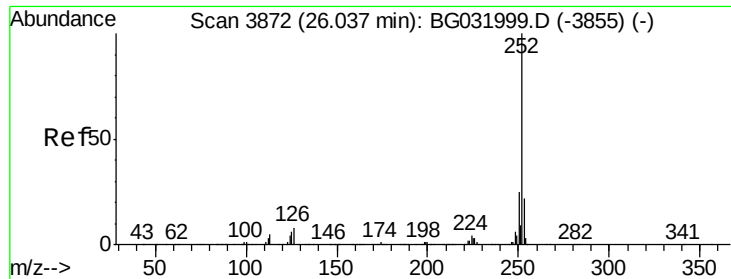
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#88
Benzo(k)fluoranthene
Concen: 48.105 ng m
RT: 25.07 min Scan# 3707
Delta R.T. -0.03 min
Lab File: BG032072.D
Acq: 16 Jan 2018 16:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.4	26.2
125	5.0	6.6	9.8





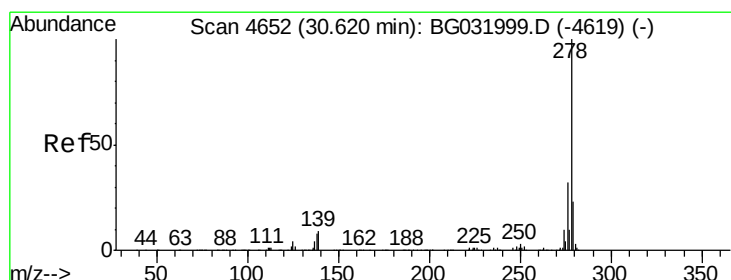
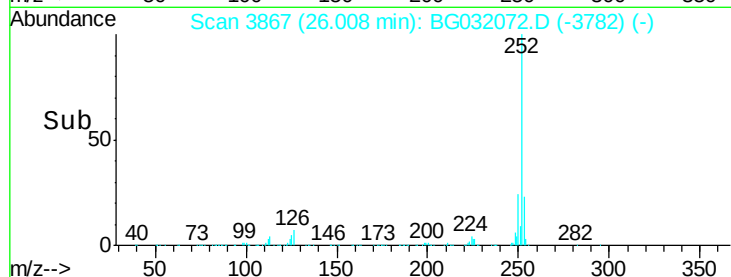
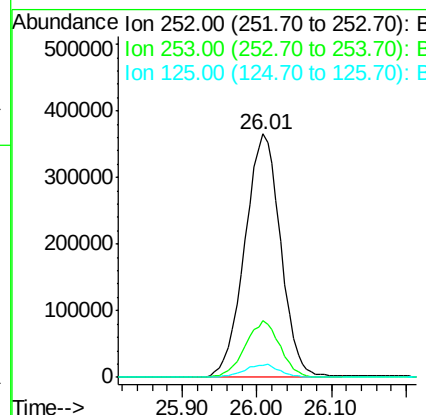
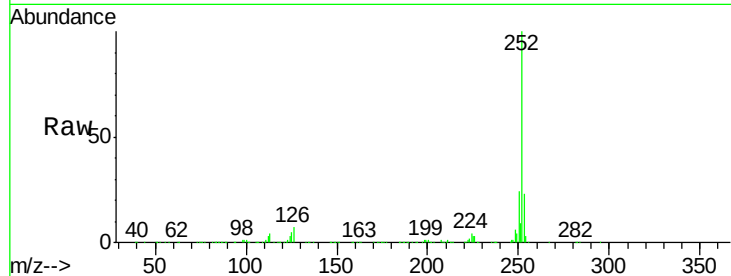
#89
Benzo(a)pyrene
Concen: 48.401 ng
RT: 26.01 min Scan# 3867
Delta R.T. -0.03 min
Lab File: BG032072.D
Acq: 16 Jan 2018 16:45

Instrument :
BNA_G
ClientSampleId :
SB-22-3.0-3.5MS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.3	27.5
125	5.1	7.3	10.9

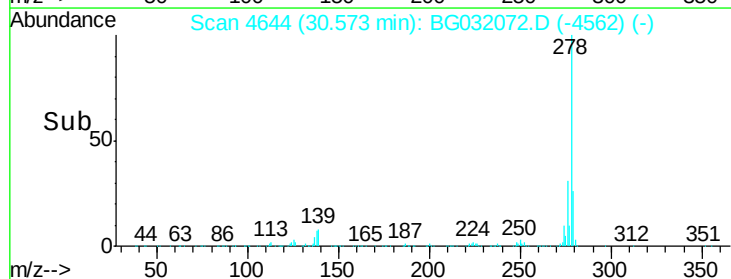
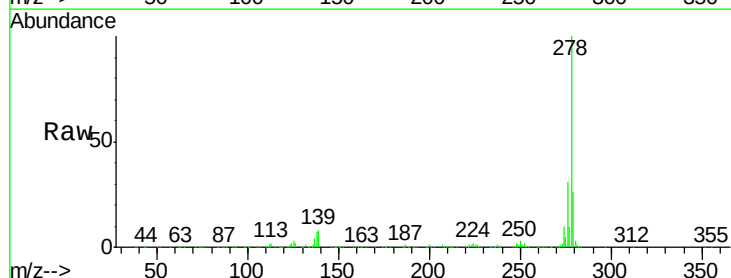
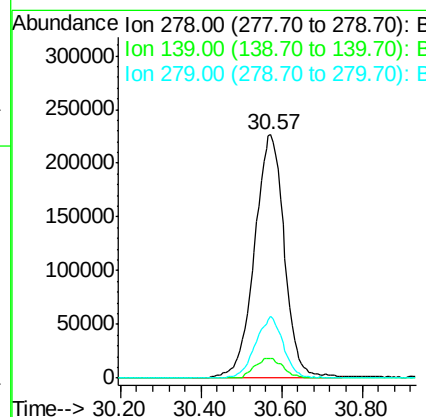
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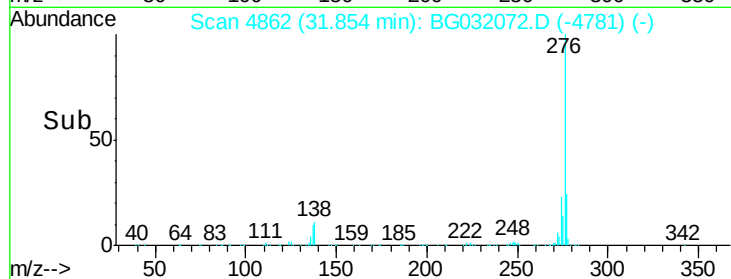
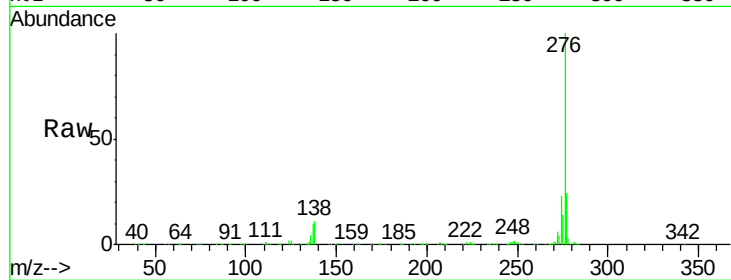
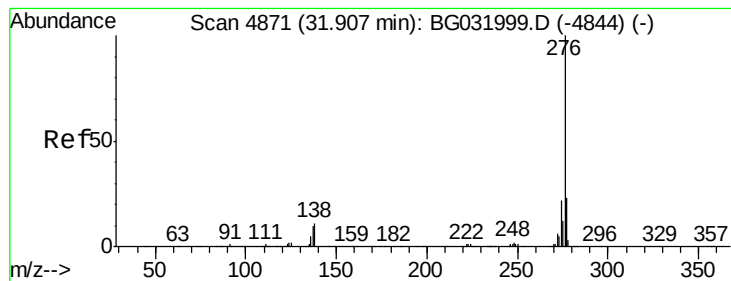
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#90
Dibenzo(a,h)anthracene
Concen: 48.099 ng
RT: 30.57 min Scan# 4644
Delta R.T. -0.05 min
Lab File: BG032072.D
Acq: 16 Jan 2018 16:45

Tgt Ion	Ratio	Lower	Upper
278	100		
139	8.0	9.8	14.6
279	25.6	18.4	27.6





#91

Benzo(g,h,i)perylene

Concen: 48.922 ng

RT: 31.85 min Scan# 4862

Delta R.T. -0.05 min

Lab File: BG032072.D

Acq: 16 Jan 2018 16:45

Instrument :

BNA_G

ClientSampleId :

SB-22-3.0-3.5MS

Tgt Ion: 276 Resp: 1213529

Ion Ratio Lower Upper

276 100

277 23.8 18.3 27.5

138 11.4 13.9 20.9#

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