

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022718\
 Data File : BG032854.D
 Acq On : 27 Feb 2018 14:33
 Operator : SJ/JU
 Sample : J1395-04MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NB-01-022318MSD

Manual Integrations
 APPROVED

Sohil
 2/28/2018 1:01:30 PM

Quant Time: Feb 28 02:55:26 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 26 17:50:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	85467	20.00	ng	0.00
21) Naphthalene-d8	11.81	136	372653	20.00	ng	0.00
38) Acenaphthene-d10	15.54	164	212181	20.00	ng	0.00
63) Phenanthrene-d10	18.26	188	450633	20.00	ng	0.00
75) Chrysene-d12	22.63	240	409014	20.00	ng	0.00
86) Perylene-d12	26.43	264	442513	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	6.34	112	597740	111.89	ng	0.00
7) Phenol-d6	8.02	99	732634	98.39	ng	0.00
23) Nitrobenzene-d5	10.12	82	506718	93.27	ng	0.00
41) 2,4,6-Tribromophenol	17.01	330	288475	129.30	ng	0.00
44) 2-Fluorobiphenyl	14.17	172	1111918	75.58	ng	0.00
78) Terphenyl-d14	20.78	244	1514810	83.21	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.98	88	75405	32.523	ng	91
3) Pyridine	4.45	79	148128	23.180	ng	97
4) n-Nitrosodimethylamine	4.33	42	110567	43.156	ng	# 93
6) Aniline	8.21	93	155765	15.454	ng	95
8) 2-Chlorophenol	8.47	128	251126	42.947	ng	92
9) Benzaldehyde	8.02	77	77709	18.107	ng	95
10) Phenol	8.05	94	276663	36.858	ng	90
11) bis(2-Chloroethyl)ether	8.31	93	239368	38.999	ng	93
12) 1,3-Dichlorobenzene	8.81	146	250468	36.571	ng	97
13) 1,4-Dichlorobenzene	8.96	146	253186	36.726	ng	95
14) 1,2-Dichlorobenzene	9.29	146	244296	36.980	ng	96
15) Benzyl Alcohol	9.15	79	220605	40.299	ng	91
16) 2,2'-oxybis(1-Chloropropan	9.45	45	388299	36.800	ng	97
17) 2-Methylphenol	9.35	107	210661	38.059	ng	96
18) Hexachloroethane	10.05	117	93243	39.725	ng	# 85
19) n-Nitroso-di-n-propylamine	9.73	70	196899	37.456	ng	# 96
20) 3+4-Methylphenols	9.69	107	289940	37.673	ng	94
22) Acetophenone	9.77	105	364663	38.747	ng	# 95
24) Nitrobenzene	10.17	77	267797	45.452	ng	89
25) Isophorone	10.69	82	540311	41.309	ng	# 94
26) 2-Nitrophenol	10.89	139	130873	57.998	ng	92
27) 2,4-Dimethylphenol	10.92	122	269306	47.396	ng	89
28) bis(2-Chloroethoxy)methane	11.17	93	327225	42.944	ng	96
29) 2,4-Dichlorophenol	11.43	162	237182	45.992	ng	94
30) 1,2,4-Trichlorobenzene	11.66	180	229726	38.002	ng	98
31) Naphthalene	11.86	128	769884	39.537	ng	99
32) Benzoic acid	11.03	122	131721	40.300	ng	# 80
33) 4-Chloroaniline	11.95	127	122019	14.014	ng	94
34) Hexachlorobutadiene	12.12	225	125716	37.076	ng	100
35) Caprolactam	12.69	113	70301	34.045	ng	# 83
36) 4-Chloro-3-methylphenol	13.00	107	275829	45.962	ng	89
37) 2-Methylnaphthalene	13.41	142	567725	40.299	ng	91
39) 1,2,4,5-Tetrachlorobenzene	13.76	216	235108	37.327	ng	# 96
40) Hexachlorocyclopentadiene	13.74	237	283172	88.215	ng	93

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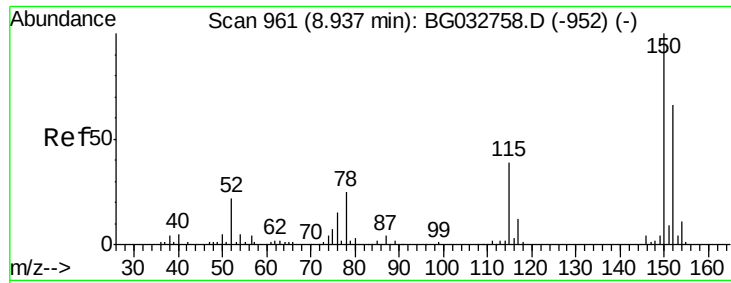
Manual Integrations
 APPROVED

Sohil
 2/28/2018 1:01:30 PM

Quant Time: Feb 28 02:55:26 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 26 17:50:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.98	196	180418	45.421	nq	98
43) 2,4,5-Trichlorophenol	14.05	196	200946	43.709	nq	# 96
45) 1,1'-Biphenyl	14.38	154	706132	38.084	nq	94
46) 2-Chloronaphthalene	14.43	162	533203	38.498	nq	97
47) 2-Nitroaniline	14.61	65	182252	51.321	nq	91
48) Acenaphthylene	15.27	152	876313	38.645	nq	99
49) Dimethylphthalate	14.97	163	700981	38.909	nq	99
50) 2,6-Dinitrotoluene	15.09	165	155344	51.336	nq	87
51) Acenaphthene	15.60	154	582841	41.271	nq	98
52) 3-Nitroaniline	15.42	138	105326	31.607	nq	# 81
53) 2,4-Dinitrophenol	15.62	184	98910	97.064	nq	# 57
54) Dibenzofuran	15.93	168	812634	40.413	nq	95
55) 4-Nitrophenol	15.69	139	244114	82.500	nq	# 80
56) 2,4-Dinitrotoluene	15.87	165	214674	58.158	nq	87
57) Fluorene	16.57	166	655736	39.510	nq	99
58) 2,3,4,6-Tetrachlorophenol	16.14	232	168288m	47.148	nq	
59) Diethylphthalate	16.31	149	738743	38.876	nq	99
60) 4-Chlorophenyl-phenylether	16.55	204	328419	40.451	nq	92
61) 4-Nitroaniline	16.57	138	164605	42.844	nq	# 80
62) Azobenzene	16.84	77	674583	39.682	nq	97
64) 4,6-Dinitro-2-methylphenol	16.62	198	81812	57.635	nq	95
65) n-Nitrosodiphenylamine	16.76	169	609850	41.600	nq	99
66) 4-Bromophenyl-phenylether	17.44	248	197844	41.521	nq	# 89
67) Hexachlorobenzene	17.57	284	204299	39.675	nq	95
68) Atrazine	17.68	200	196732	40.770	nq	95
69) Pentachlorophenol	17.90	266	259737	80.081	nq	99
70) Phenanthrene	18.31	178	1023300	40.703	nq	97
71) Anthracene	18.40	178	1045106	41.407	nq	98
72) Carbazole	18.65	167	975521	39.212	nq	# 96
73) Di-n-butylphthalate	19.16	149	1222376	40.051	nq	99
74) Fluoranthene	20.26	202	1125071	40.512	nq	94
76) Benzidine	20.41	184	122385	8.778	nq	100
77) Pyrene	20.61	202	1130756	39.203	nq	96
79) Butylbenzylphthalate	21.48	149	579063	45.280	nq	92
80) Benzo(a)anthracene	22.60	228	1101843	42.010	nq	98
81) 3,3'-Dichlorobenzidine	22.49	252	249314	25.666	nq	# 98
82) Chrysene	22.68	228	1034244	41.280	nq	96
83) Bis(2-ethylhexyl)phthalate	22.44	149	826670	43.670	nq	# 97
84) Di-n-octyl phthalate	23.87	149	1422334	49.295	nq	98
85) Indeno(1,2,3-cd)pyrene	30.87	276	1271010	43.499	nq	97
87) Benzo(b)fluoranthene	25.21	252	1103302	42.168	nq	# 96
88) Benzo(k)fluoranthene	25.29	252	1096570	42.171	nq	# 96
89) Benzo(a)pyrene	26.26	252	1078088	43.321	nq	# 95
90) Dibenzo(a,h)anthracene	30.96	278	1067698	42.624	nq	# 93
91) Benzo(g,h,i)perylene	32.26	276	1043082	42.242	nq	# 90

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



#1

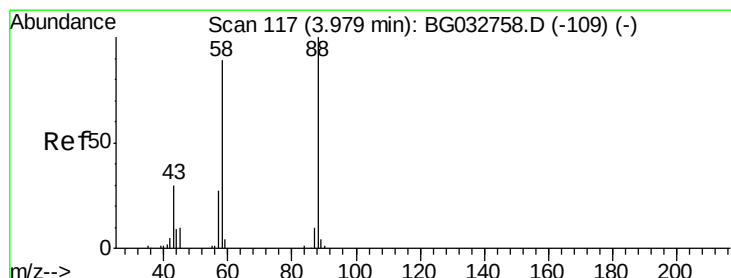
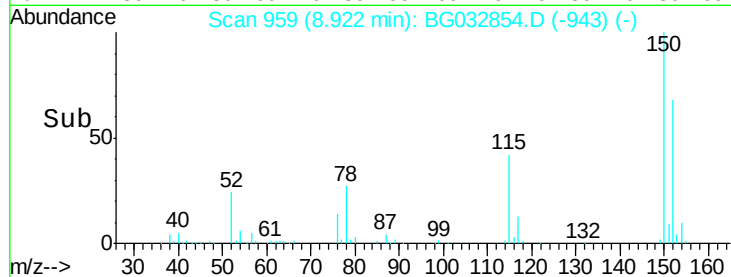
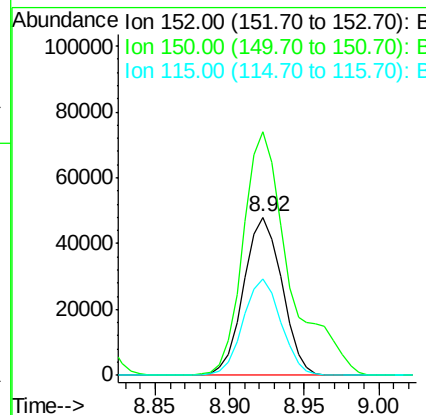
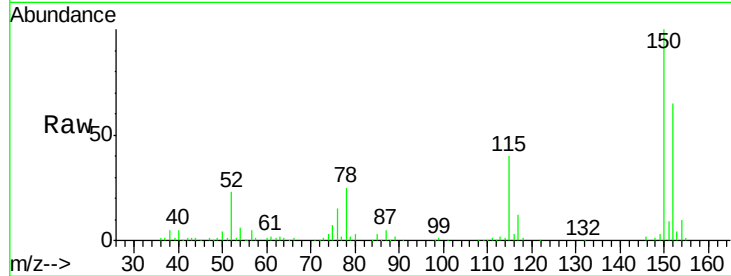
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.92 min Scan# 959
Delta R.T. -0.00 min
Lab File: BG032854.D
Acq: 27 Feb 2018 14:33

Instrument :
BNA_G
ClientSampleId :
NB-01-022318MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.1	126.6	189.8
115	61.1	53.0	79.4

Manual Integrations
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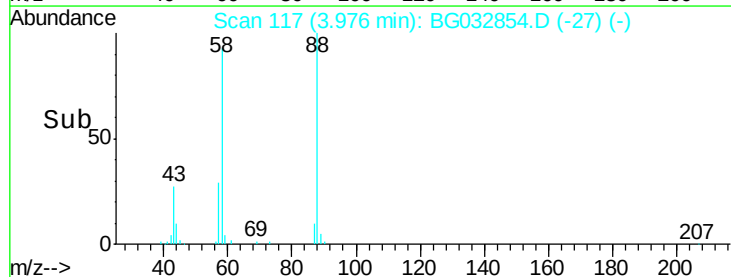
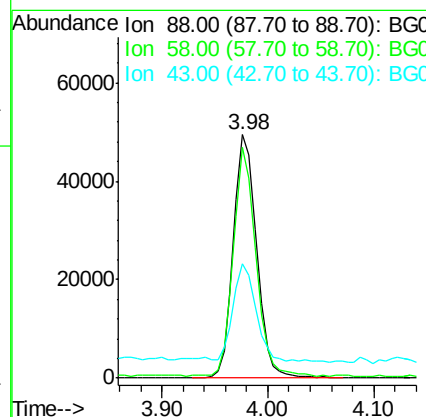
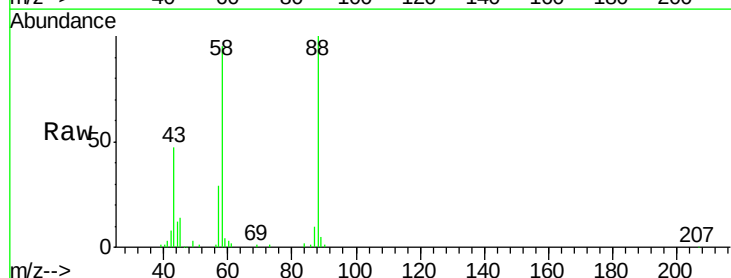
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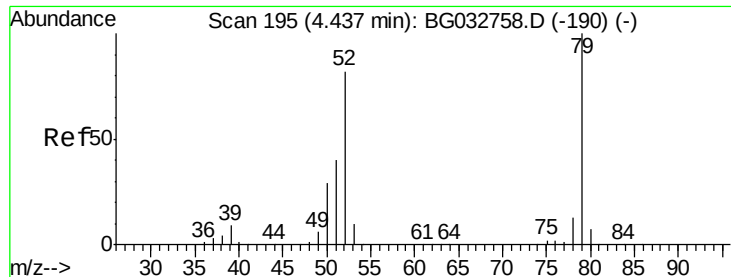


#2

1,4-Dioxane
Concen: 32.523 ng
RT: 3.98 min Scan# 117
Delta R.T. 0.00 min
Lab File: BG032854.D
Acq: 27 Feb 2018 14:33

Tgt Ion	Ratio	Lower	Upper
88	100		
58	89.9	79.6	119.4
43	38.3	27.4	41.0





#3

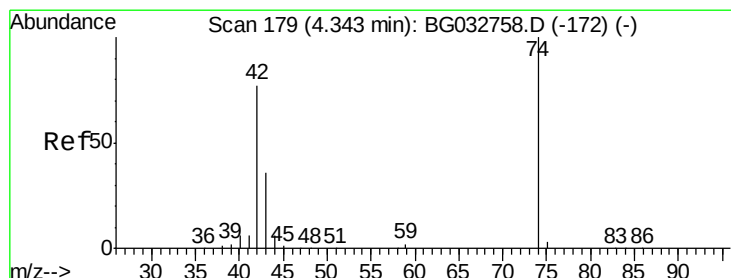
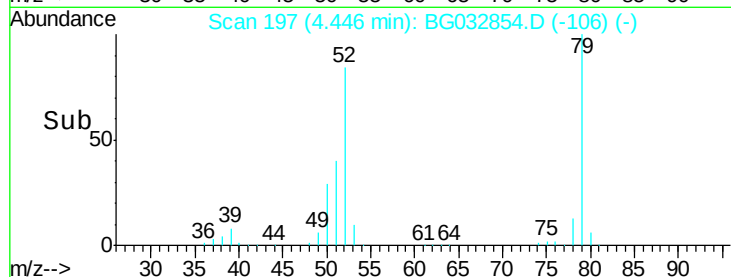
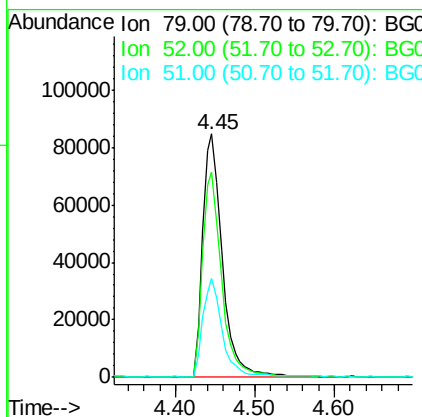
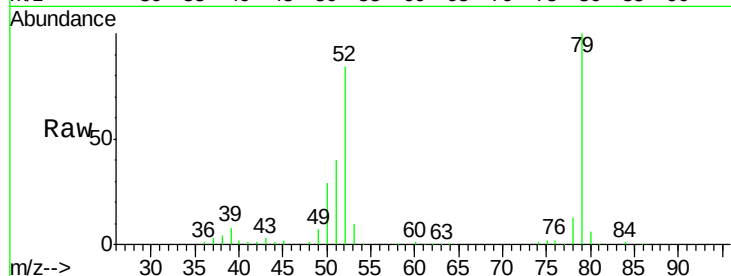
Pvridine
 Concen: 23.180 ng
 RT: 4.45 min Scan# 197
 Delta R.T. 0.01 min
 Lab File: BG032854.D
 Acq: 27 Feb 2018 14:33

Instrument :
 BNA_G
 ClientSampleId :
 NB-01-022318MSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	84.2	69.9	104.9
51	40.4	34.0	51.0

Manual Integrations
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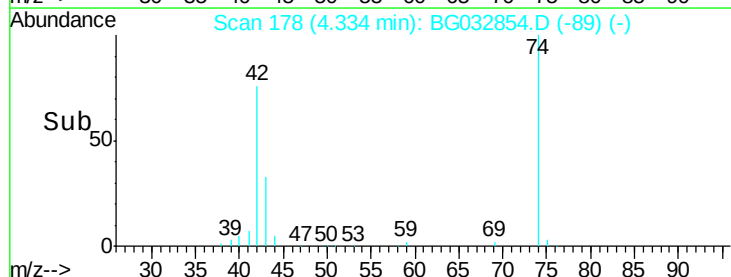
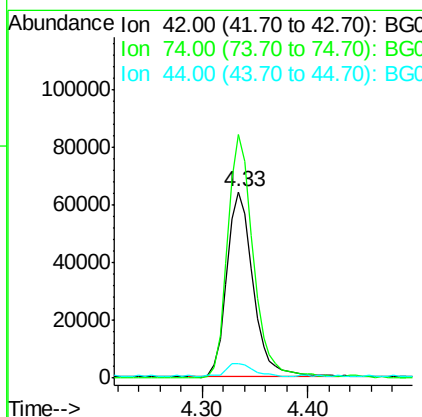
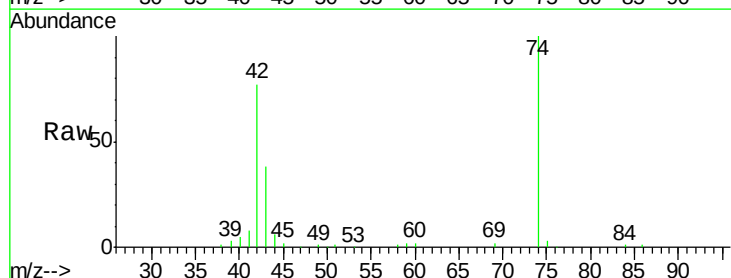
Sohil
 2/28/2018 1:01:30 PM

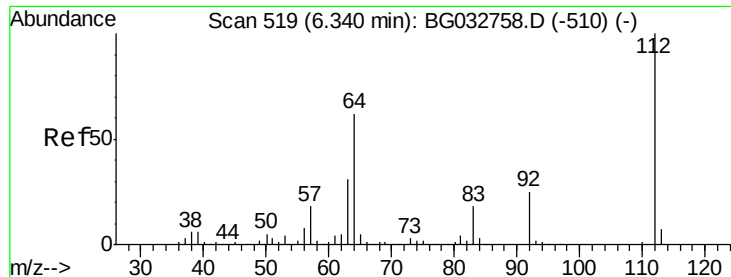


#4

n-Nitrosodimethylamine
 Concen: 43.156 ng
 RT: 4.33 min Scan# 178
 Delta R.T. -0.00 min
 Lab File: BG032854.D
 Acq: 27 Feb 2018 14:33

Tgt Ion	Ratio	Lower	Upper
42	100		
74	130.5	102.5	153.7
44	7.9	18.9	28.3





#5

2-Fluorophenol

Concen: 111.891 ng

RT: 6.34 min Scan# 519

Delta R.T. 0.00 min

Lab File: BG032854.D

Acq: 27 Feb 2018 14:33

Instrument :

BNA_G

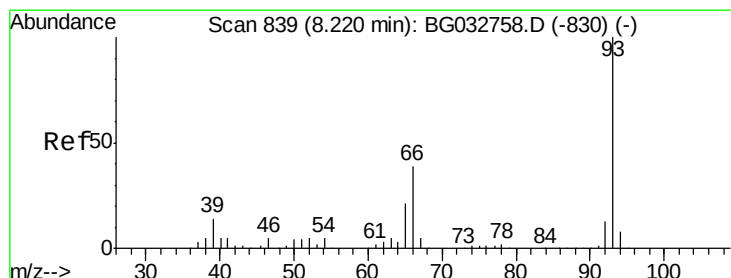
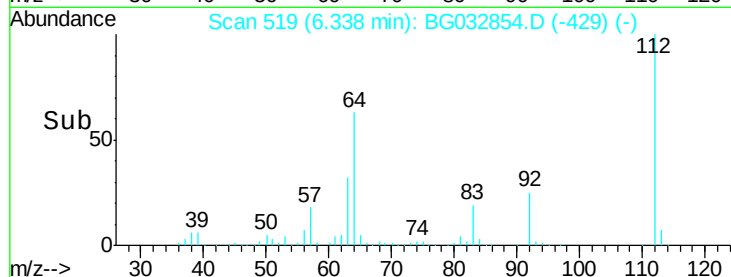
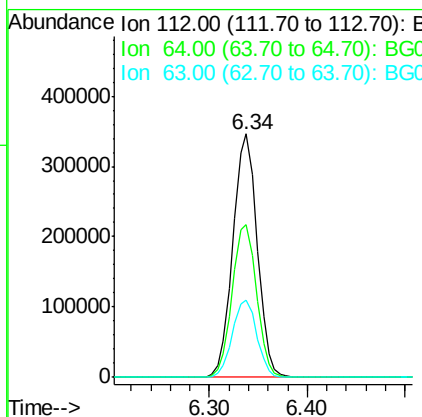
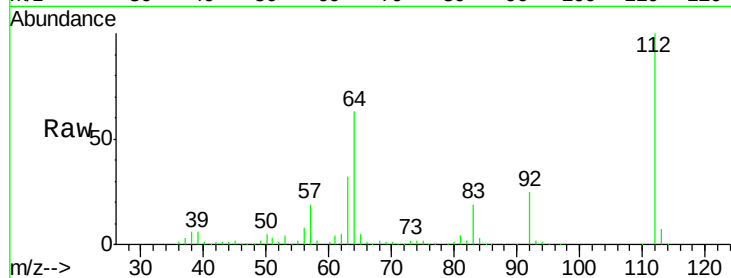
ClientSampleId :

NB-01-022318MSD

Tot Ion:	112	Resp:	597740
Ion Ratio	Lower	Upper	
112	100		
64	62.8	56.3	84.5
63	31.6	30.1	45.1

Manual Integrations
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2/28/2018 1:01:30 PM



#6

Aniline

Concen: 15.454 ng

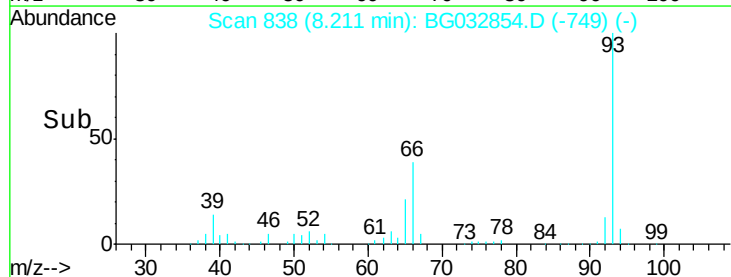
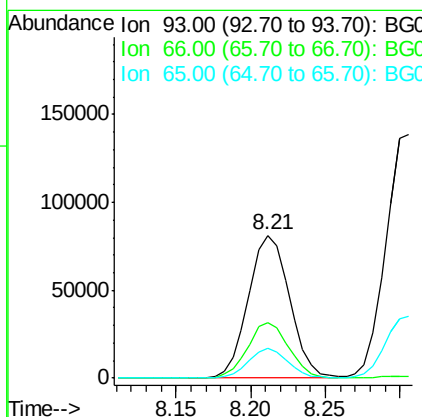
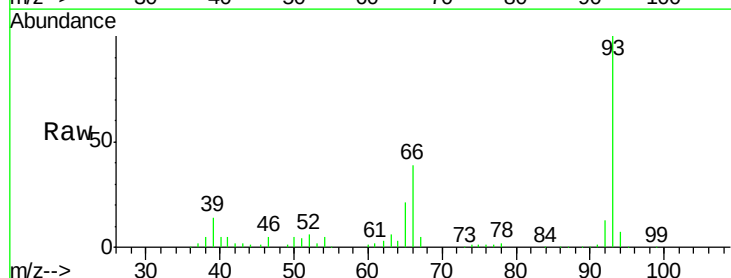
RT: 8.21 min Scan# 838

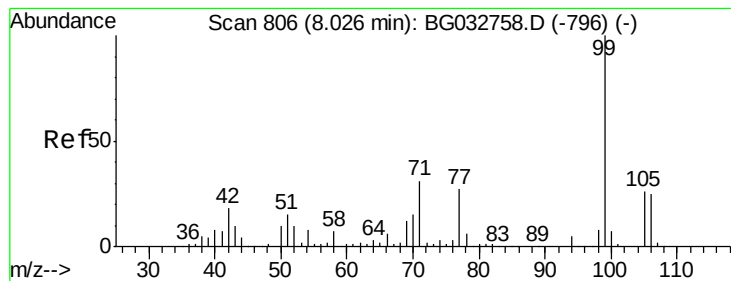
Delta R.T. -0.00 min

Lab File: BG032854.D

Acq: 27 Feb 2018 14:33

Tgt Ion:	93	Resp:	155765
Ion Ratio	Lower	Upper	
93	100		
66	38.5	33.7	50.5
65	21.2	16.1	24.1





#7

Phenol-d6

Concen: 98.390 ng

RT: 8.02 min Scan# 805

Delta R.T. 0.00 min

Lab File: BG032854.D

Acq: 27 Feb 2018 14:33

Instrument :

BNA_G

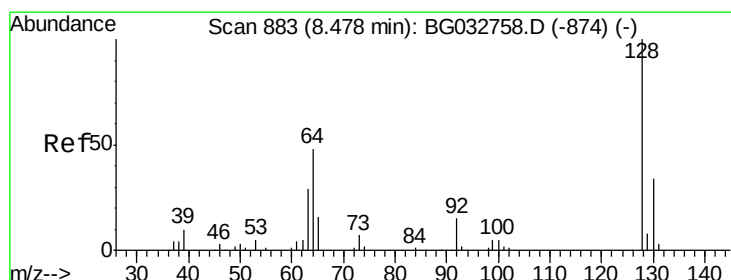
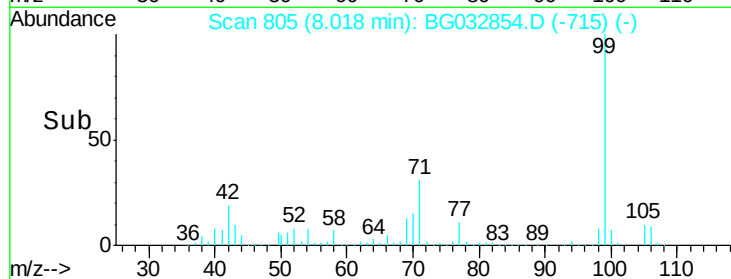
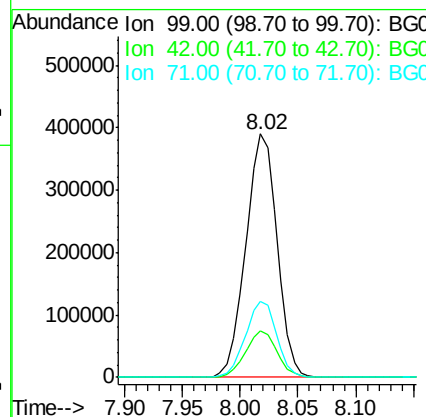
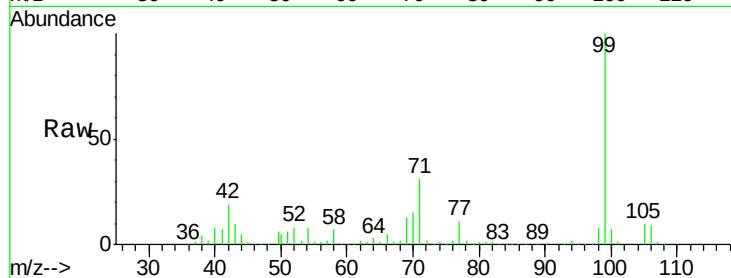
ClientSampleId :

NB-01-022318MSD

Tot Ion:	99	Resp:	732634
Ion Ratio	Lower	Upper	
99	100		
42	19.2	14.1	21.1
71	31.3	26.1	39.1

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#8

2-Chlorophenol

Concen: 42.947 ng

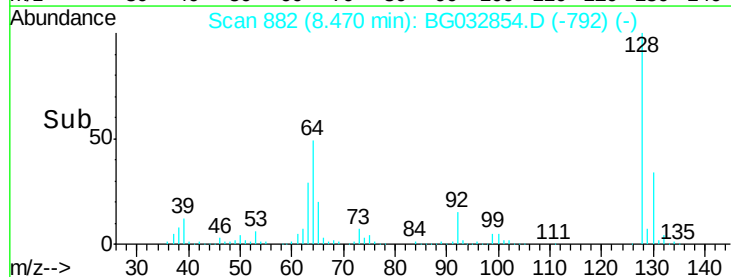
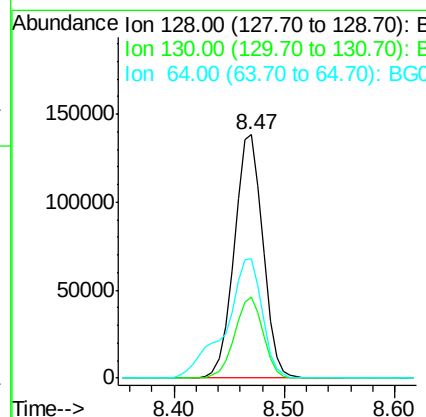
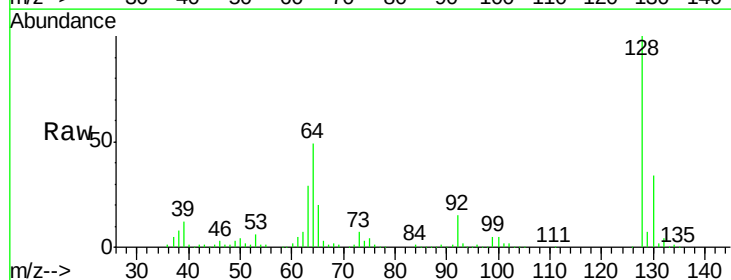
RT: 8.47 min Scan# 882

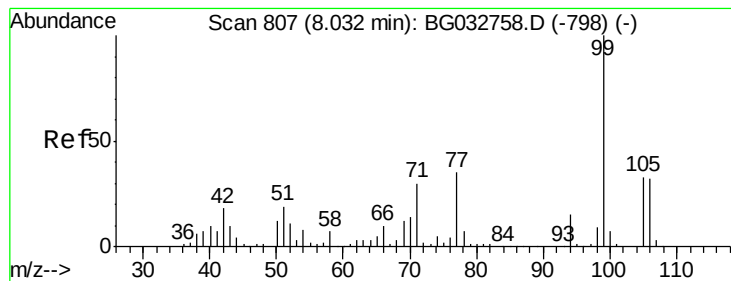
Delta R.T. 0.00 min

Lab File: BG032854.D

Acq: 27 Feb 2018 14:33

Tgt Ion:	128	Resp:	251126
Ion Ratio	Lower	Upper	
128	100		
130	33.5	14.0	54.0
64	49.1	37.7	77.7





#9

Benzaldehyde

Concen: 18.107 ng

RT: 8.02 min Scan# 805

Delta R.T. -0.00 min

Lab File: BG032854.D

Acq: 27 Feb 2018 14:33

Instrument :

BNA_G

ClientSampleId :

NB-01-022318MSD

Tot Ion: 77 Resp: 77709

Ion Ratio Lower Upper

77 100

105 95.9 71.3 111.3

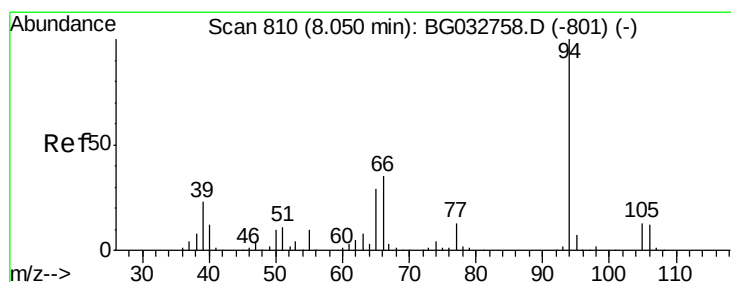
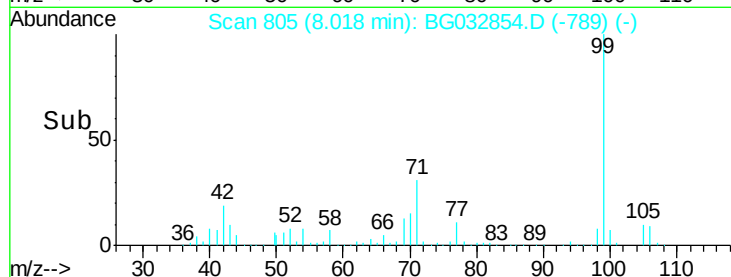
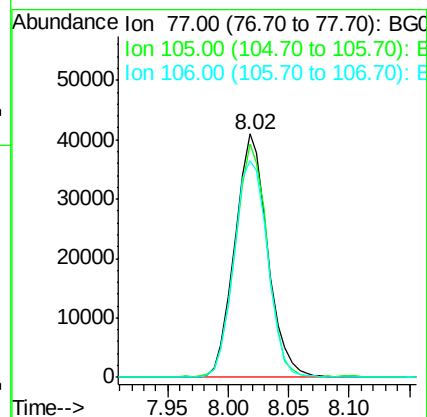
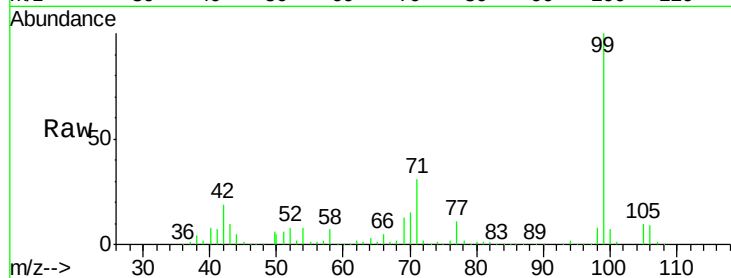
106 89.1 64.2 104.2

Manual Integrations

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#10

Phenol

Concen: 36.858 ng

RT: 8.05 min Scan# 810

Delta R.T. 0.00 min

Lab File: BG032854.D

Acq: 27 Feb 2018 14:33

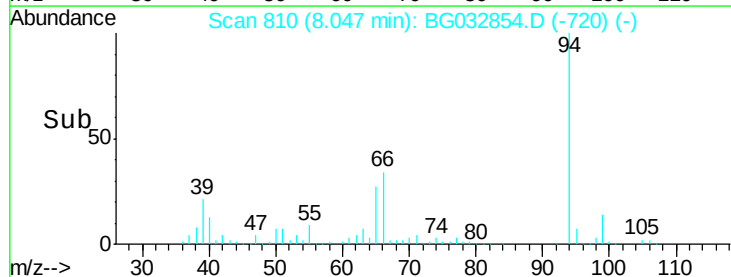
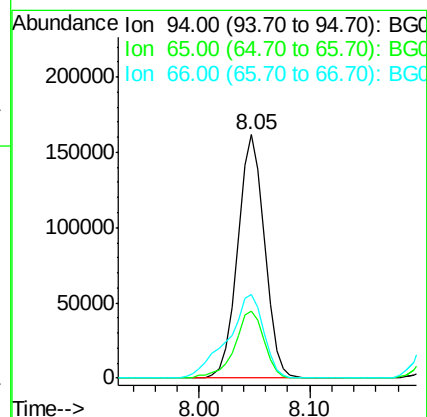
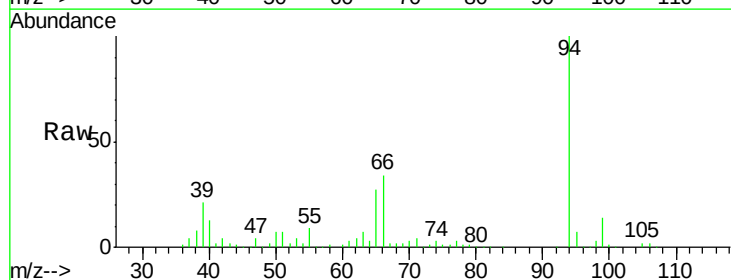
Tgt Ion: 94 Resp: 276663

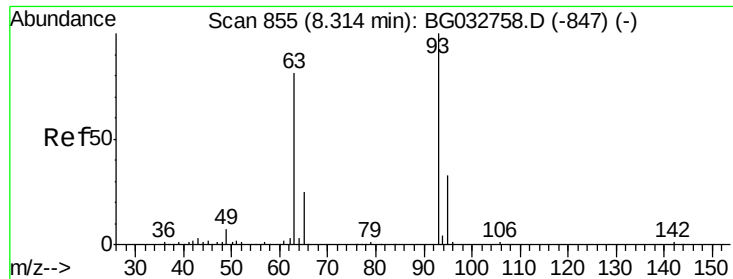
Ion Ratio Lower Upper

94 100

65 27.4 11.9 51.9

66 34.4 22.2 62.2





#11

bis(2-Chloroethyl)ether

Concen: 38.999 ng

RT: 8.31 min Scan# 854

Delta R.T. 0.00 min

Lab File: BG032854.D

Acq: 27 Feb 2018 14:33

Instrument :

BNA_G

ClientSampleId :

NB-01-022318MSD

Tot Ion: 93 Resp: 239368

Ion Ratio Lower Upper

93 100

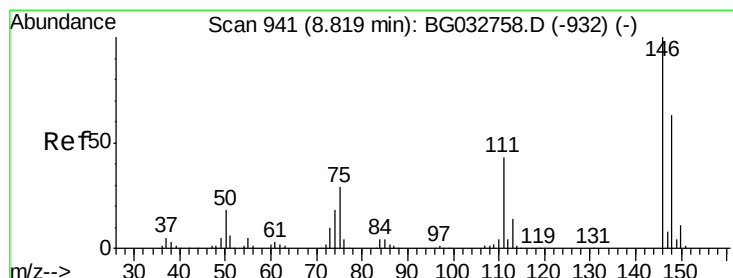
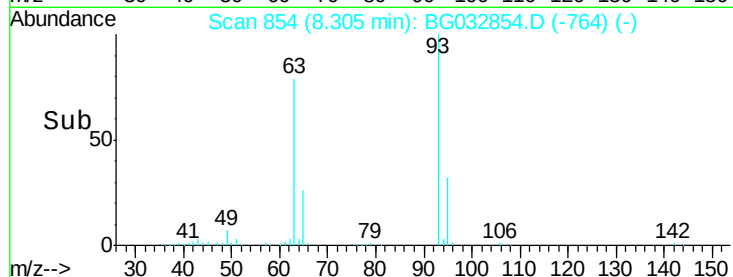
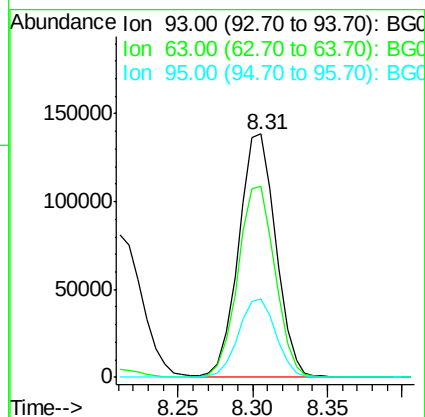
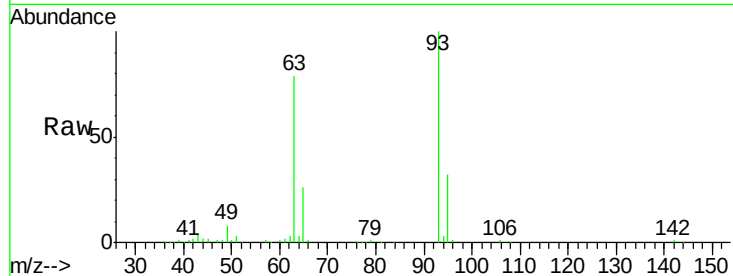
63 78.5 67.1 107.1

95 32.5 11.5 51.5

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#12

1,3-Dichlorobenzene

Concen: 36.571 ng

RT: 8.81 min Scan# 940

Delta R.T. -0.00 min

Lab File: BG032854.D

Acq: 27 Feb 2018 14:33

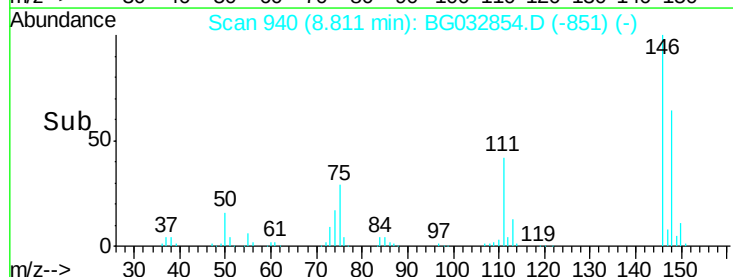
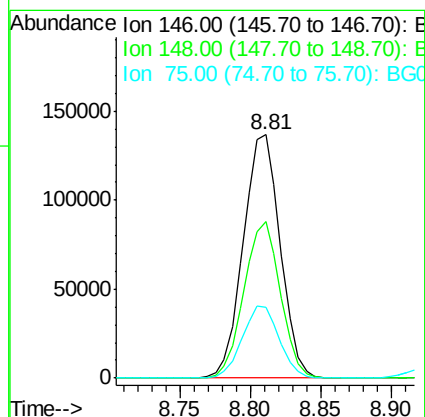
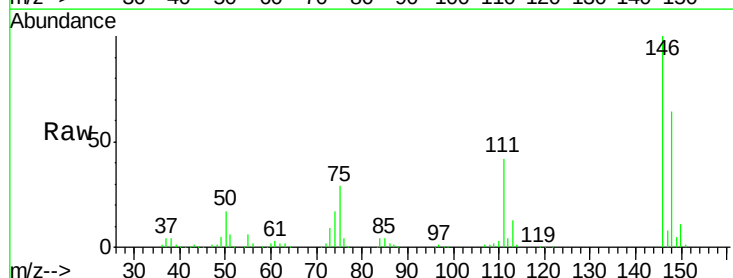
Tgt Ion: 146 Resp: 250468

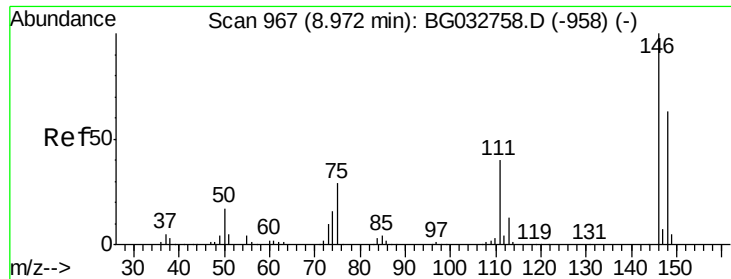
Ion Ratio Lower Upper

146 100

148 64.4 51.4 77.2

75 29.1 26.6 39.8





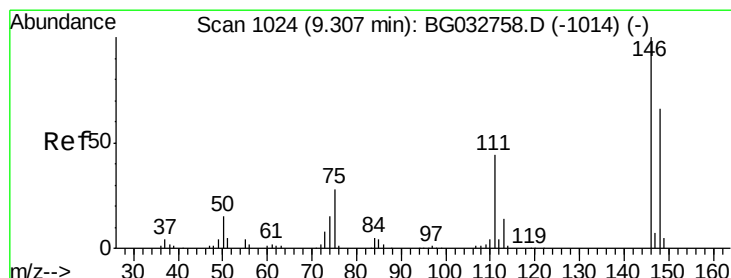
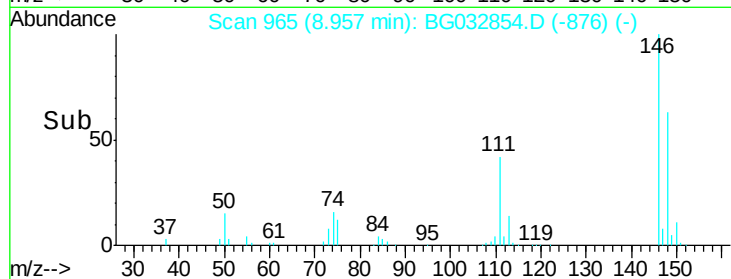
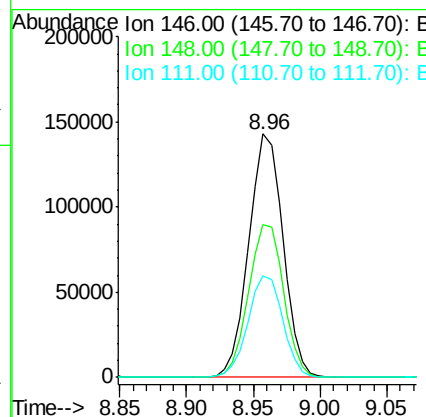
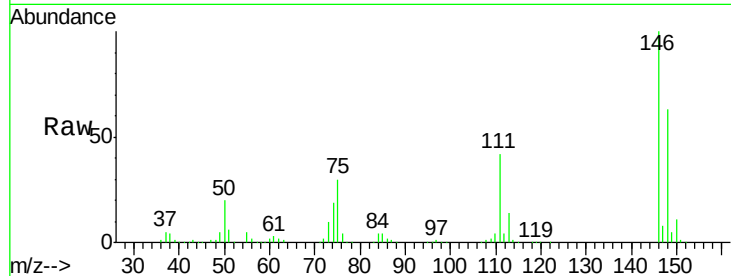
#13
 1,4-Dichlorobenzene
 Concen: 36.726 ng
 RT: 8.96 min Scan# 965
 Delta R.T. -0.00 min
 Lab File: BG032854.D
 Acq: 27 Feb 2018 14:33

Instrument :
 BNA_G
 ClientSampleId :
 NB-01-022318MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.7	53.7	80.5
111	41.7	35.2	52.8

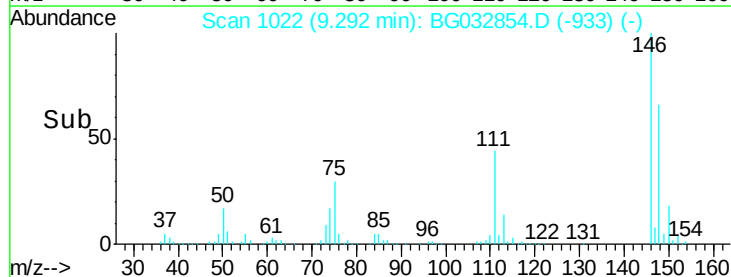
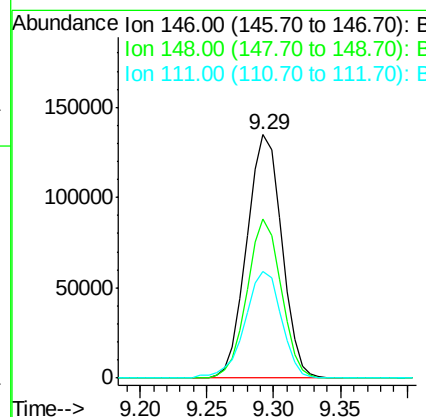
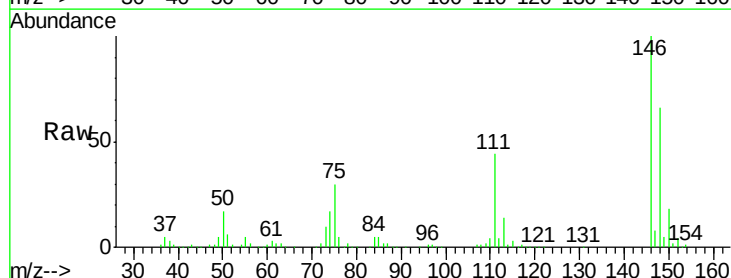
Manual Integrations
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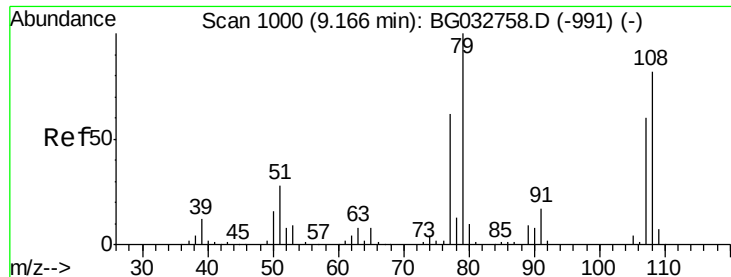
Sohil
 2/28/2018 1:01:30 PM



#14
 1,2-Dichlorobenzene
 Concen: 36.980 ng
 RT: 9.29 min Scan# 1022
 Delta R.T. -0.00 min
 Lab File: BG032854.D
 Acq: 27 Feb 2018 14:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.5	49.3	73.9
111	43.8	34.3	51.5





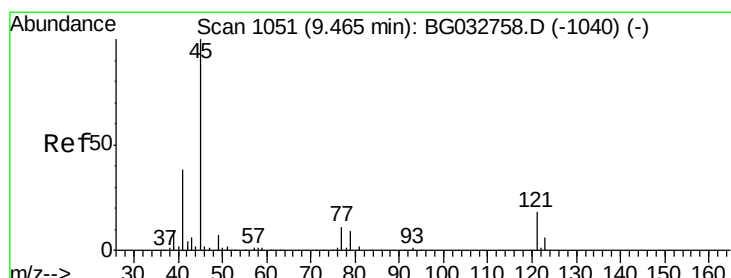
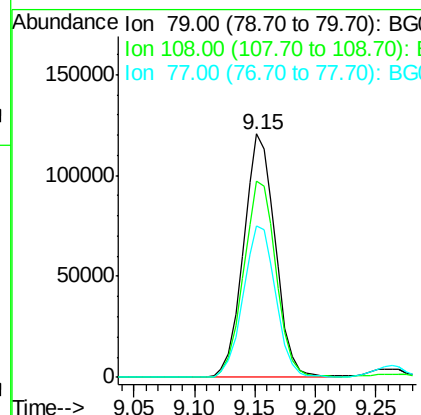
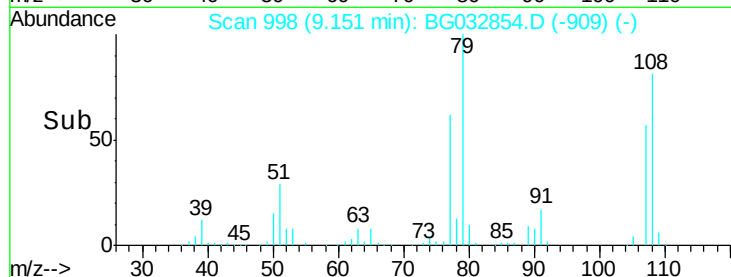
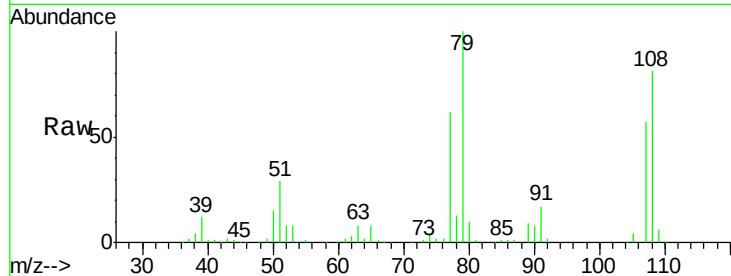
#15
Benzyl Alcohol
Concen: 40.299 ng
RT: 9.15 min Scan# 998
Delta R.T. -0.00 min
Lab File: BG032854.D
Acq: 27 Feb 2018 14:33

Instrument :
BNA_G
ClientSampleId :
NB-01-022318MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	80.5	57.2	85.8
77	62.2	46.1	69.1

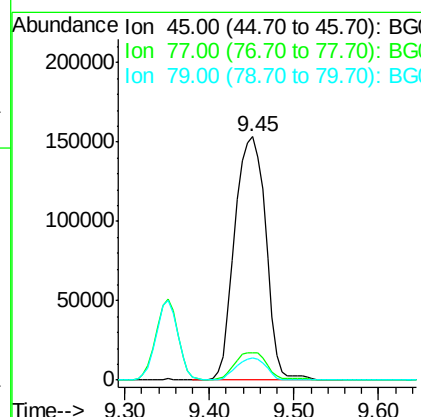
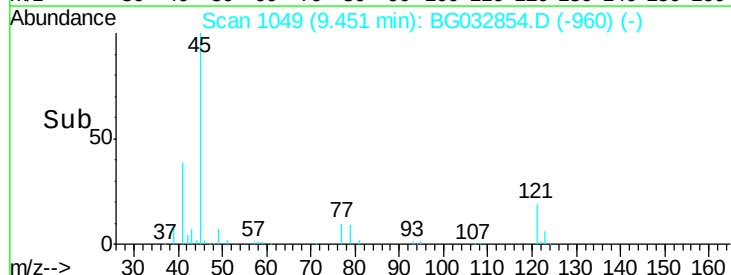
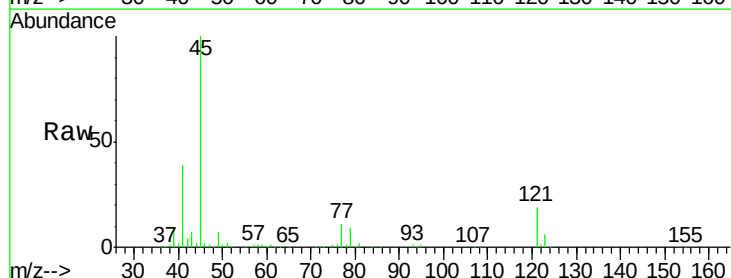
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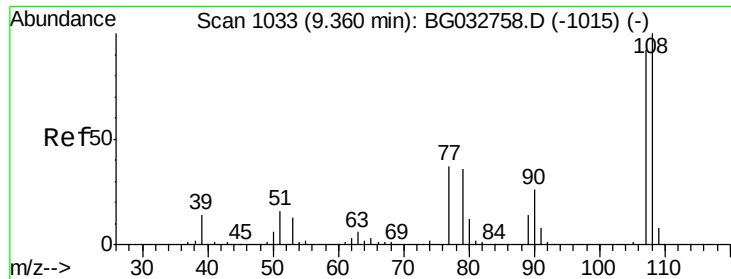
Sohil
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#16
2,2'-oxybis(1-chloropropane)
Concen: 36.800 ng
RT: 9.45 min Scan# 1049
Delta R.T. -0.00 min
Lab File: BG032854.D
Acq: 27 Feb 2018 14:33

Tgt Ion	Ratio	Lower	Upper
45	100		
77	11.3	0.0	30.2
79	9.4	0.0	27.9





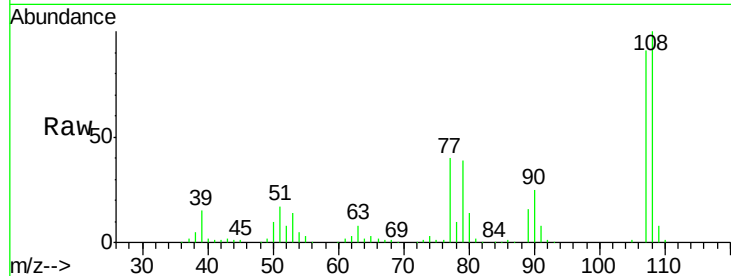
#17
2-Methylphenol
Concen: 38.059 ng
RT: 9.35 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BG032854.D
Acq: 27 Feb 2018 14:33

Instrument :
BNA_G
ClientSampleId :
NB-01-022318MSD

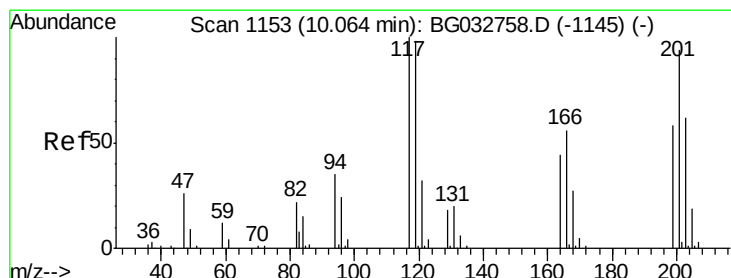
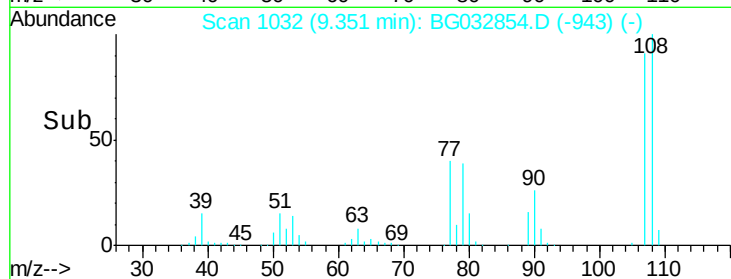
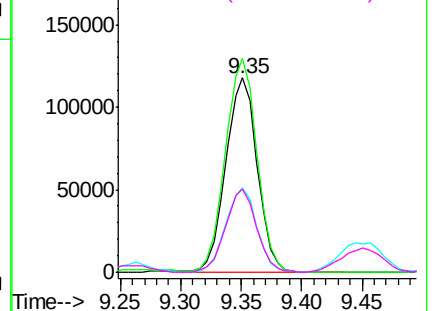
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.8	83.9	125.9	
77	43.5	37.2	55.8	
79	43.0	36.2	54.2	

Manual Integrations
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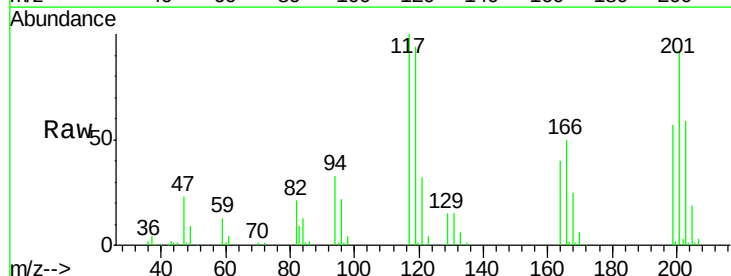


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

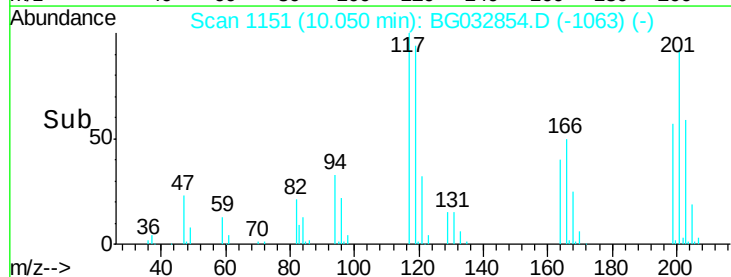
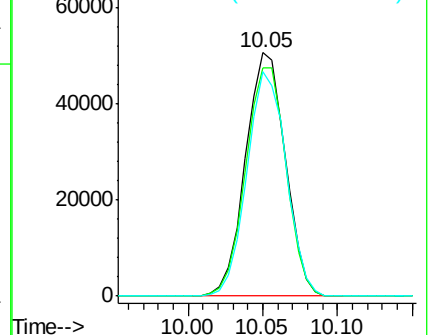


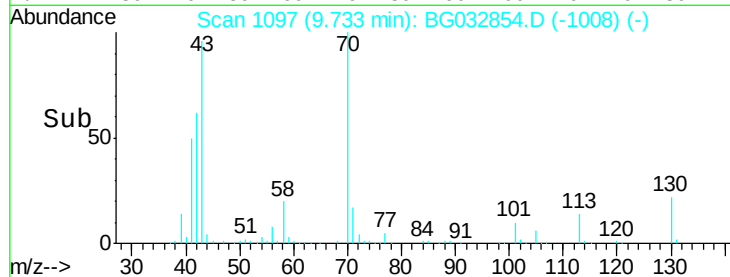
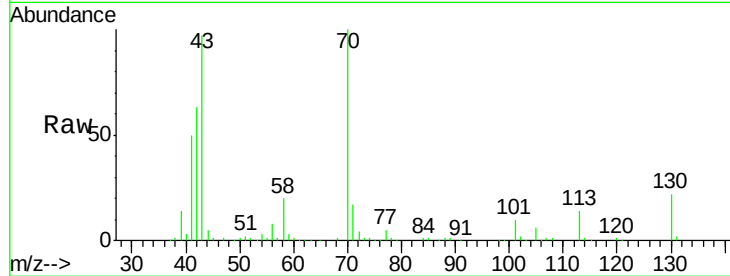
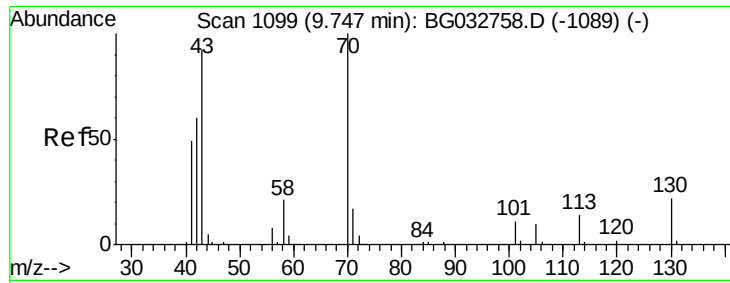
#18
Hexachloroethane
Concen: 39.725 ng
RT: 10.05 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BG032854.D
Acq: 27 Feb 2018 14:33

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.5	76.7	115.1	
201	92.3	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





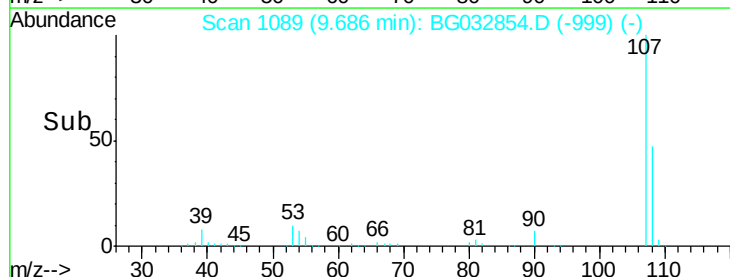
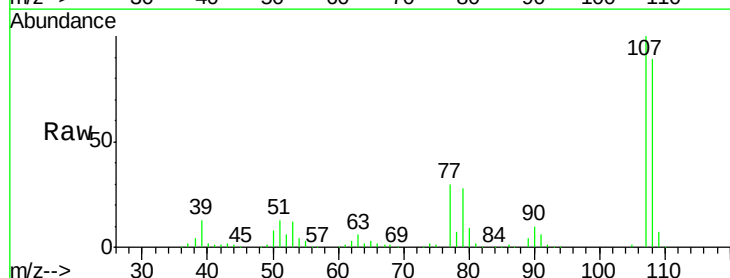
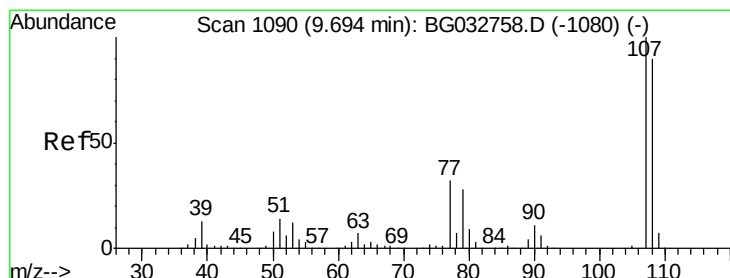
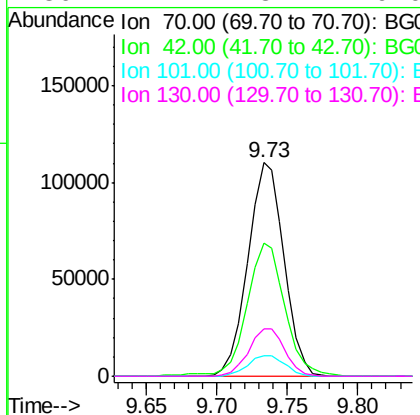
#19
n-Nitroso-di-n-propylamine
Concen: 37.456 ng
RT: 9.73 min Scan# 1097
Delta R.T. -0.00 min
Lab File: BG032854.D
Acq: 27 Feb 2018 14:33

Instrument :
BNA_G
ClientSampleId :
NB-01-022318MSD

Tot Ion	Ion	Ratio	Lower	Upper
196899	70	100		
	42	62.6	49.1	73.7
	101	9.9	8.5	12.7
	130	22.4	13.4	20.0#

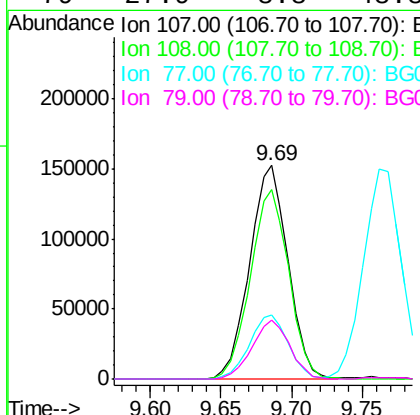
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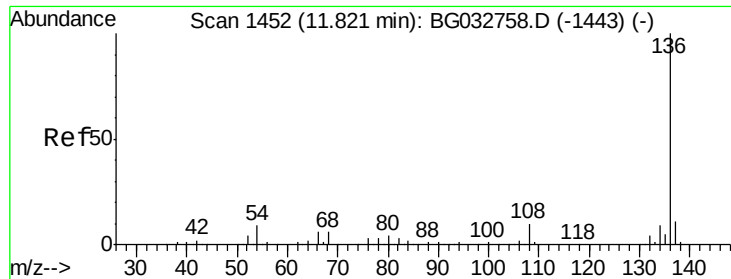
Sohil
2/28/2018 1:01:30 PM



#20
3+4-Methylphenols
Concen: 37.673 ng
RT: 9.69 min Scan# 1089
Delta R.T. 0.00 min
Lab File: BG032854.D
Acq: 27 Feb 2018 14:33

Tgt Ion	Ion	Ratio	Lower	Upper
289940	107	100		
	108	88.8	61.6	101.6
	77	30.2	13.9	53.9
	79	27.9	8.8	48.8





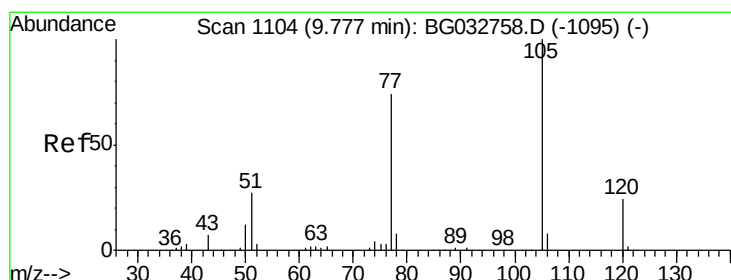
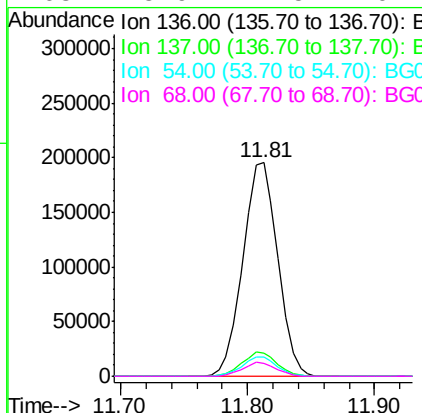
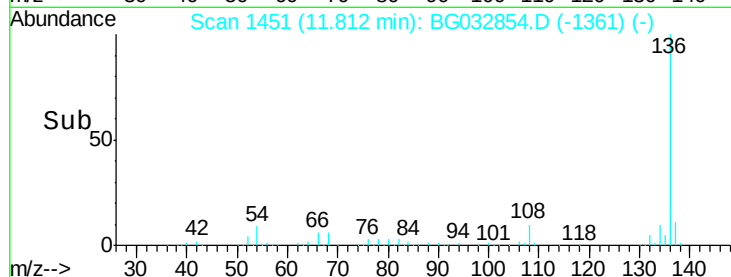
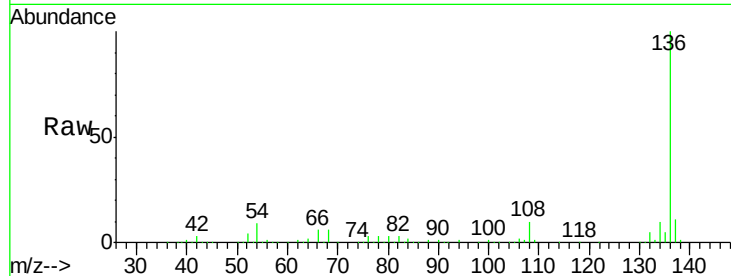
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.81 min Scan# 1451
Delta R.T. 0.00 min
Lab File: BG032854.D
Acq: 27 Feb 2018 14:33

Instrument :
BNA_G
ClientSampleId :
NB-01-022318MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100				
137	10.7		9.2	13.8	
54	8.9		10.3	15.5	
68	5.9		4.5	6.7	

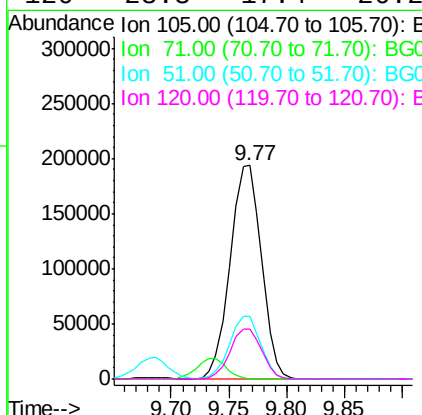
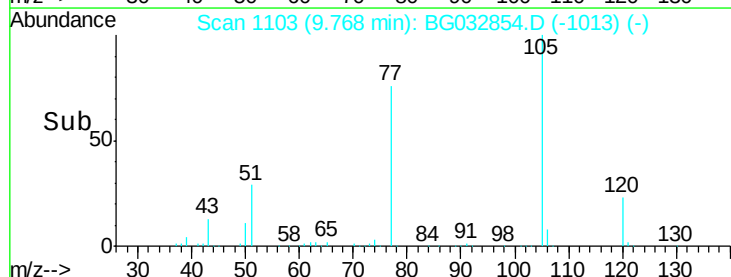
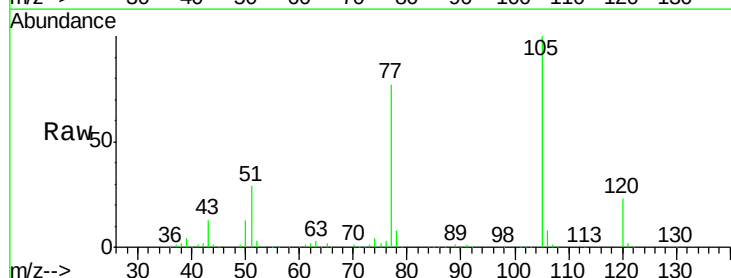
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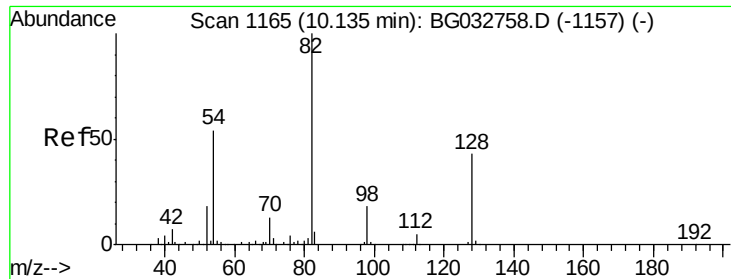
Sohil
2/28/2018 1:01:30 PM



#22
Acetophenone
Concen: 38.747 ng
RT: 9.77 min Scan# 1103
Delta R.T. 0.00 min
Lab File: BG032854.D
Acq: 27 Feb 2018 14:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100				
71	0.2		3.0	4.4	#
51	29.3		26.1	39.1	
120	23.3		17.4	26.2	





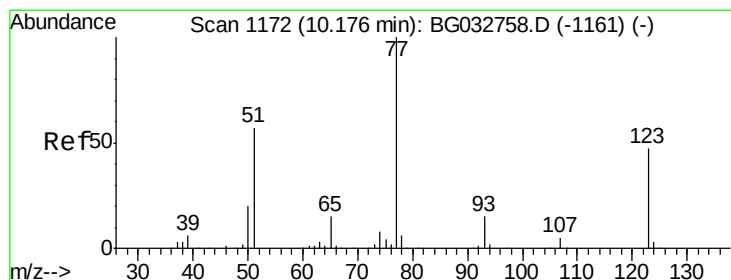
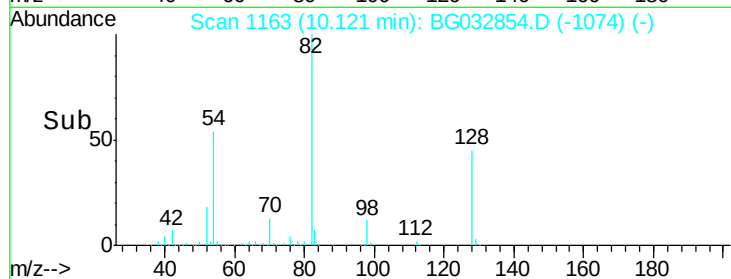
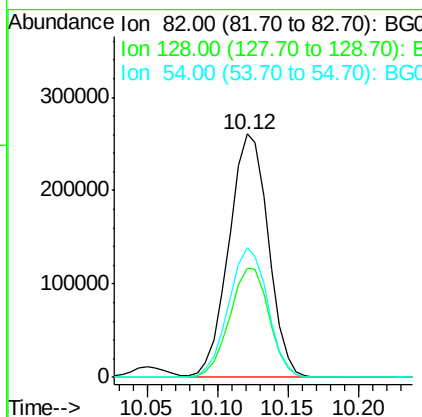
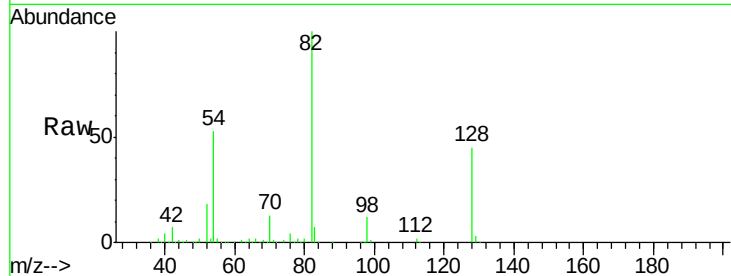
#23
Nitrobenzene-d5
Concen: 93.269 ng
RT: 10.12 min Scan# 1163
Delta R.T. -0.00 min
Lab File: BG032854.D
Acq: 27 Feb 2018 14:33

Instrument :
BNA_G
ClientSampleId :
NB-01-022318MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.8	29.7	44.5#
54	53.5	43.1	64.7

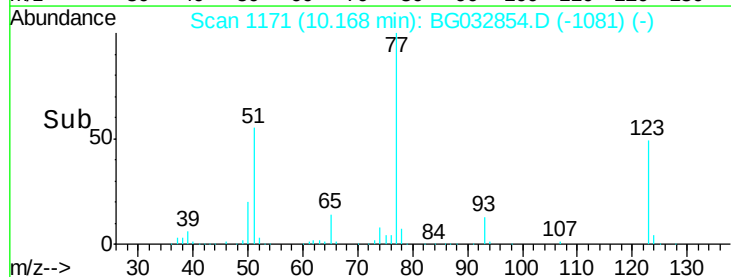
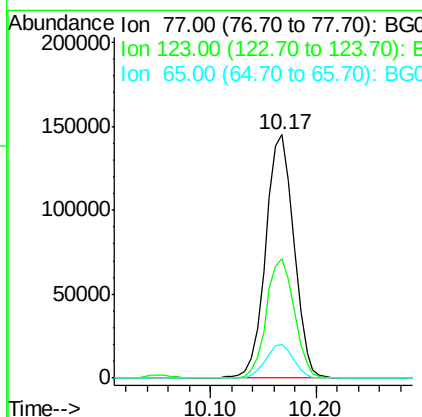
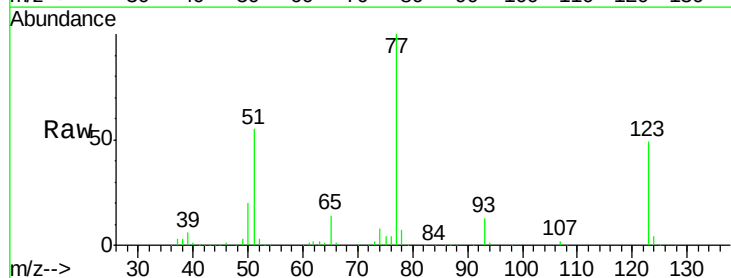
Manual Integrations
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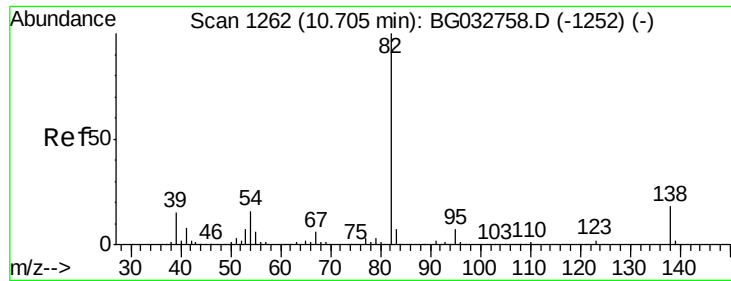
Sohil
2/28/2018 1:01:30 PM



#24
Nitrobenzene
Concen: 45.452 ng
RT: 10.17 min Scan# 1171
Delta R.T. 0.00 min
Lab File: BG032854.D
Acq: 27 Feb 2018 14:33

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.2	33.0	49.6
65	13.8	13.0	19.6





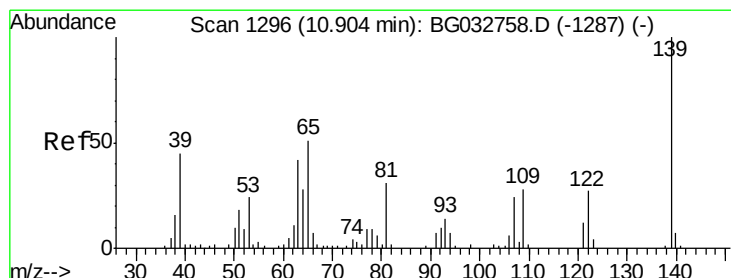
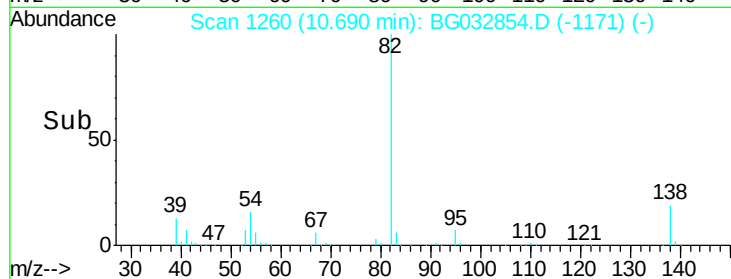
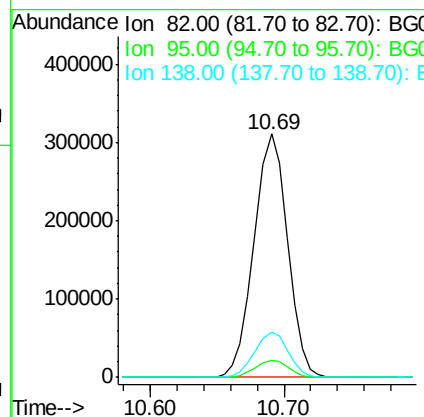
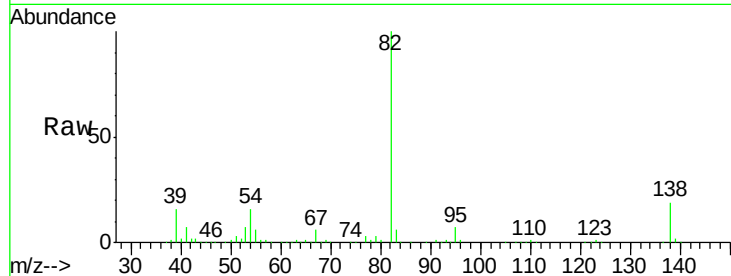
#25
Isophorone
Concen: 41.309 ng
RT: 10.69 min Scan# 1260
Delta R.T. -0.00 min
Lab File: BG032854.D
Acq: 27 Feb 2018 14:33

Instrument :
BNA_G
ClientSampleId :
NB-01-022318MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	7.2	6.2	9.2	
138	18.8	12.1	18.1	

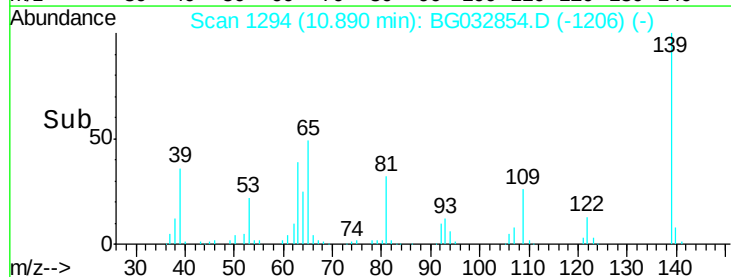
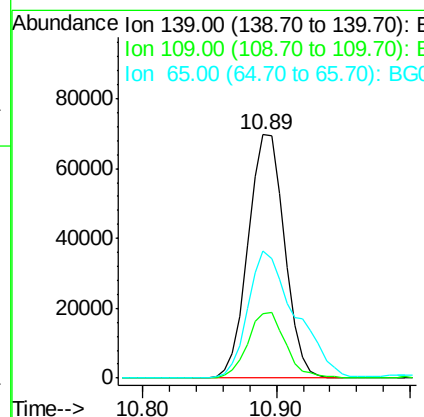
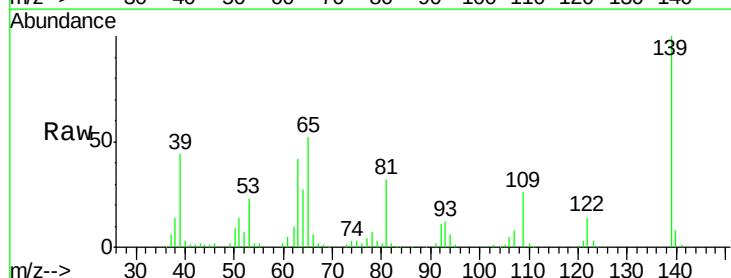
Manual Integrations
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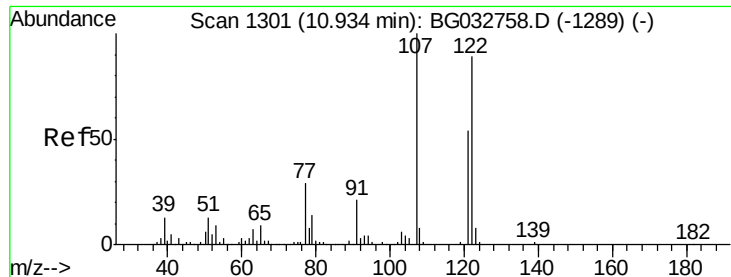
Sohil
2/28/2018 1:01:30 PM



#26
2-Nitrophenol
Concen: 57.998 ng
RT: 10.89 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BG032854.D
Acq: 27 Feb 2018 14:33

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	26.3	24.2	36.2	
65	52.4	47.4	71.0	





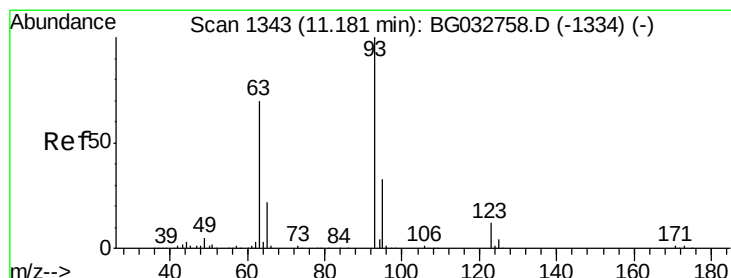
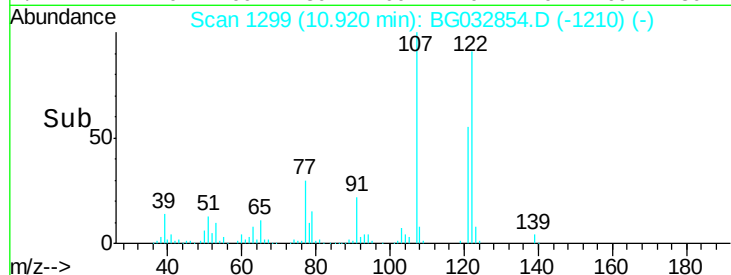
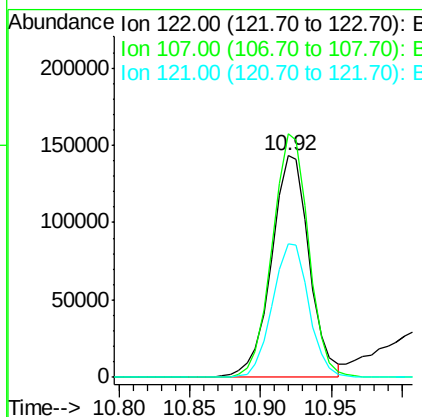
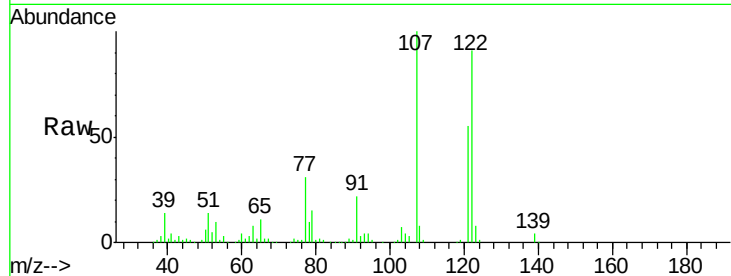
#27
 2,4-Dimethylphenol
 Concen: 47.396 ng
 RT: 10.92 min Scan# 1299
 Delta R.T. -0.00 min
 Lab File: BG032854.D
 Acq: 27 Feb 2018 14:33

Instrument :
 BNA_G
 ClientSampleId :
 NB-01-022318MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	109.9	100.2	150.2
121	60.1	44.4	66.6

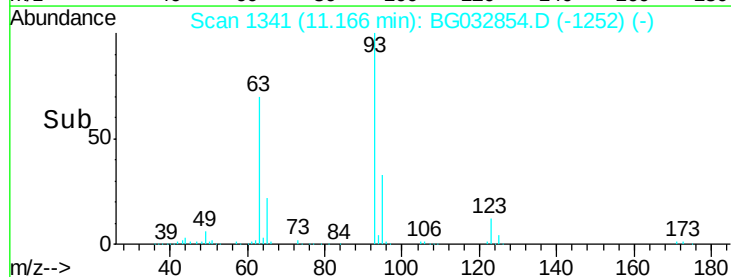
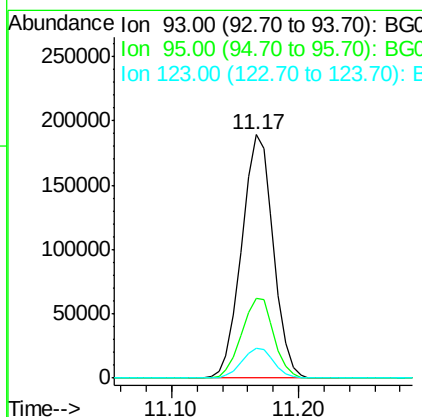
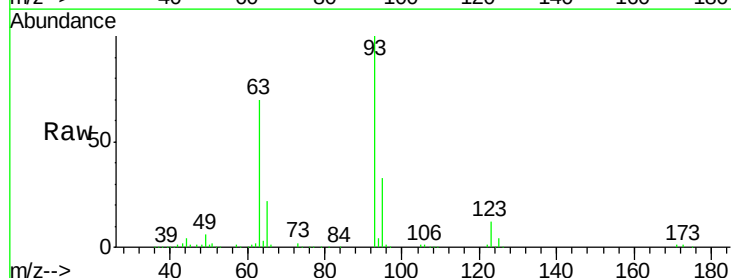
Manual Integrations
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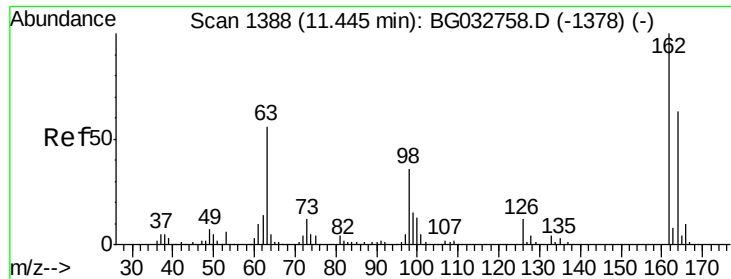
Sohil
 2/28/2018 1:01:30 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.944 ng
 RT: 11.17 min Scan# 1341
 Delta R.T. -0.00 min
 Lab File: BG032854.D
 Acq: 27 Feb 2018 14:33

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	24.3	36.5
123	12.2	8.4	12.6





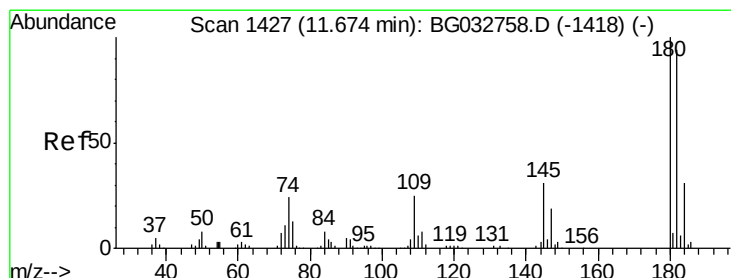
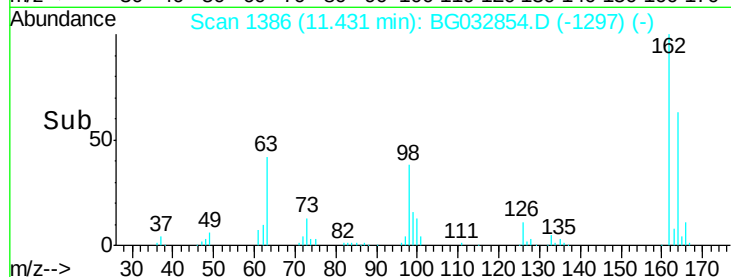
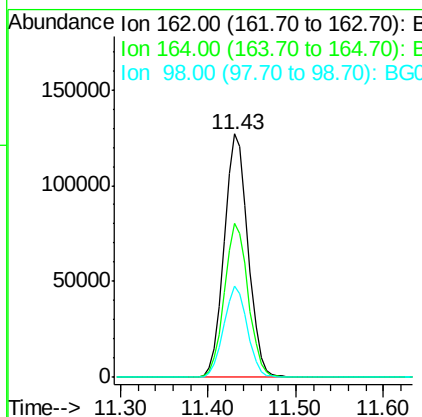
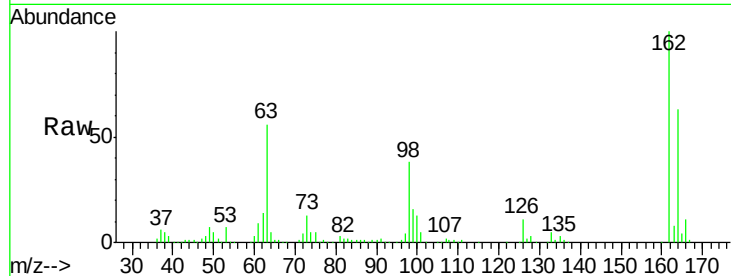
#29
 2,4-Dichlorophenol
 Concen: 45.992 ng
 RT: 11.43 min Scan# 1386
 Delta R.T. -0.00 min
 Lab File: BG032854.D
 Acq: 27 Feb 2018 14:33

Instrument :
 BNA_G
 ClientSampleId :
 NB-01-022318MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	237182		
164	63.2	48.0	88.0	
98	37.8	21.1	61.1	

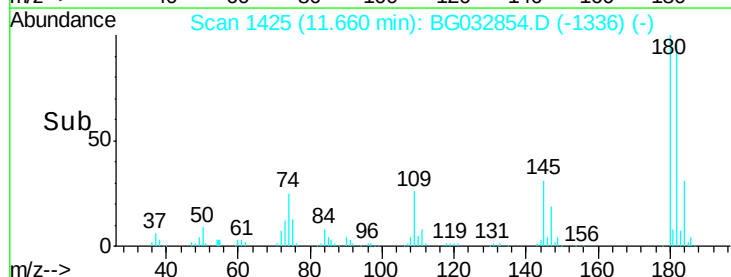
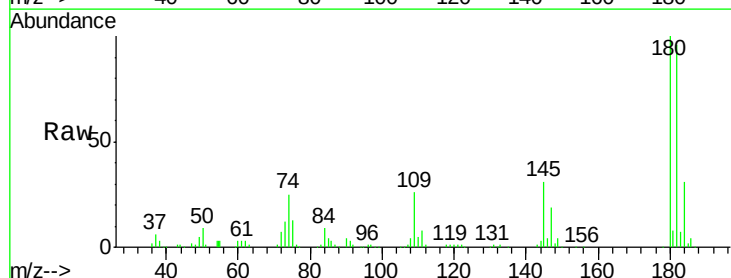
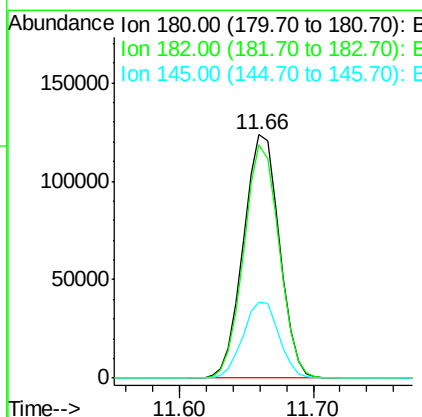
Manual Integrations
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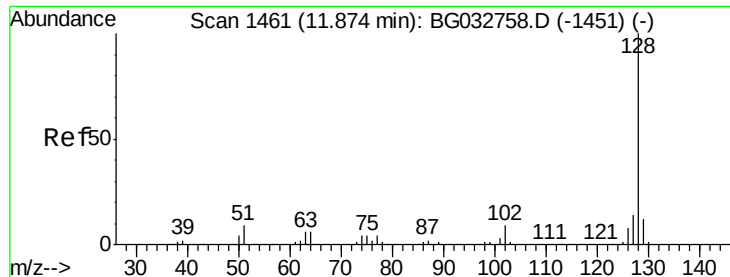
Sohil
 2/28/2018 1:01:30 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 38.002 ng
 RT: 11.66 min Scan# 1425
 Delta R.T. -0.00 min
 Lab File: BG032854.D
 Acq: 27 Feb 2018 14:33

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	229726		
182	96.1	77.5	116.3	
145	31.4	23.4	35.2	





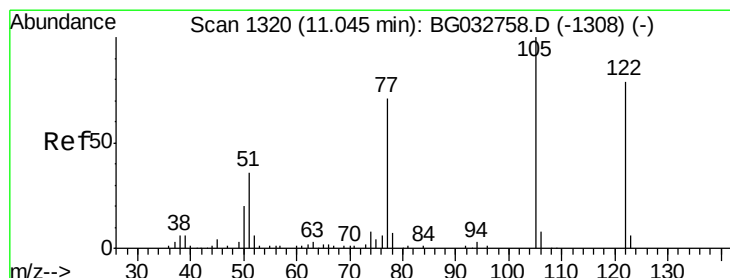
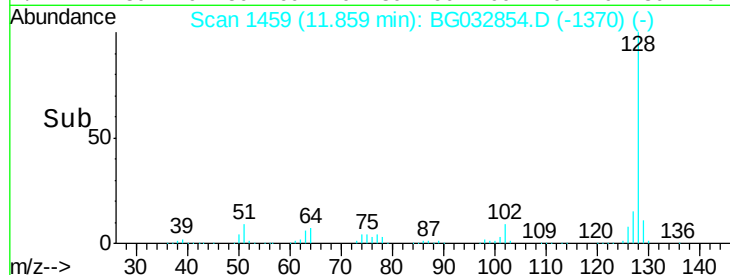
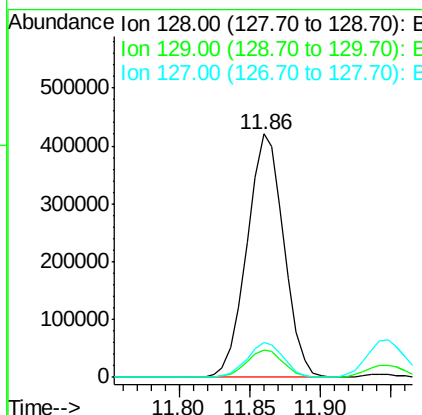
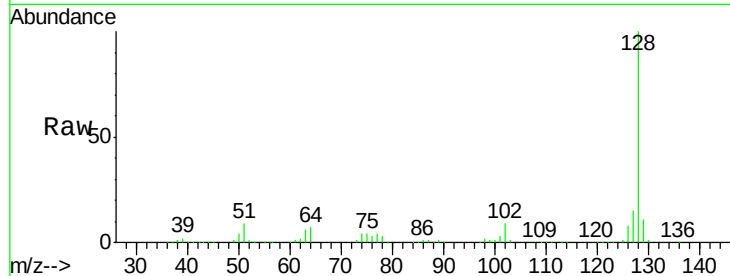
#31
Naphthalene
Concen: 39.537 ng
RT: 11.86 min Scan# 1459
Delta R.T. -0.00 min
Lab File: BG032854.D
Acq: 27 Feb 2018 14:33

Instrument :
BNA_G
ClientSampleId :
NB-01-022318MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.6	12.8
127	14.6	11.6	17.4

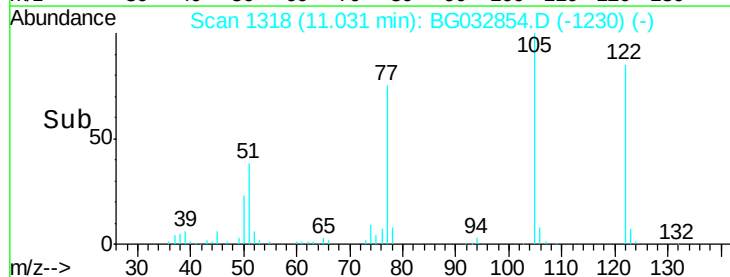
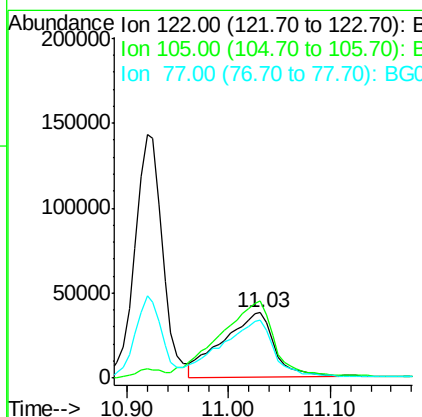
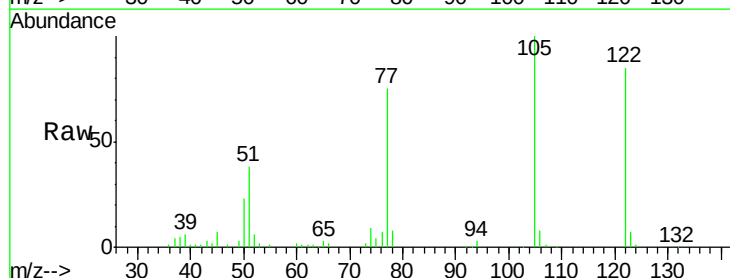
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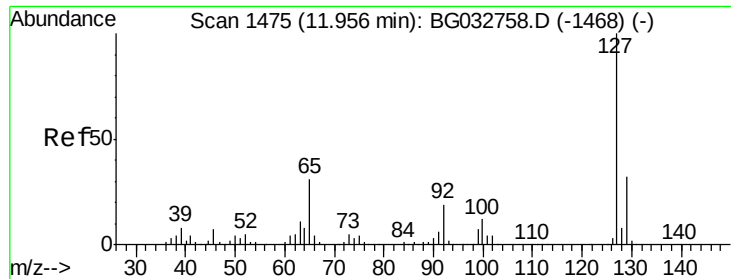
Sohil
2/28/2018 1:01:30 PM



#32
Benzoic acid
Concen: 40.300 ng
RT: 11.03 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BG032854.D
Acq: 27 Feb 2018 14:33

Tgt Ion	Ratio	Lower	Upper
122	100		
105	117.0	123.5	163.5#
77	87.7	85.7	125.7





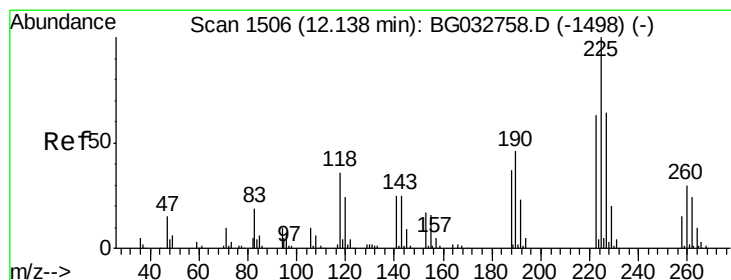
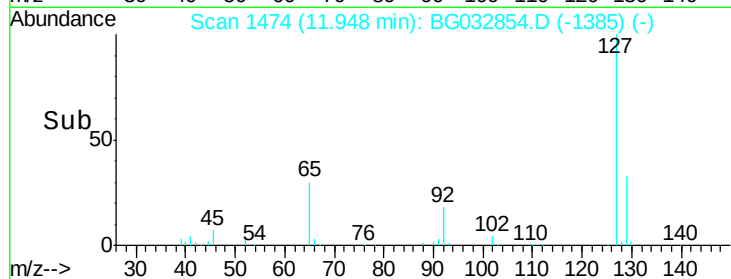
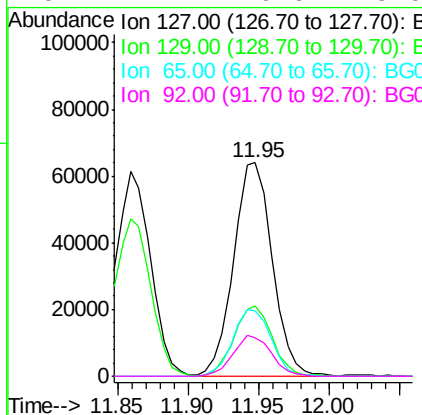
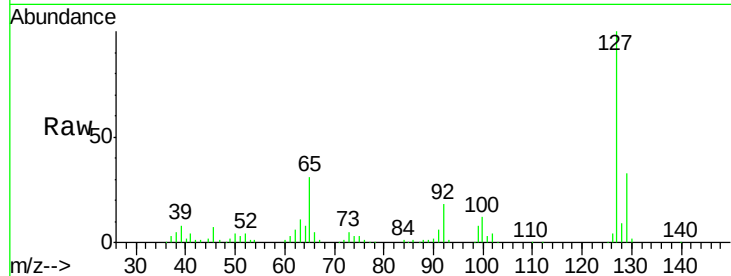
#33
4-Chloroaniline
Concen: 14.014 ng
RT: 11.95 min Scan# 1474
Delta R.T. -0.00 min
Lab File: BG032854.D
Acq: 27 Feb 2018 14:33

Instrument :
BNA_G
ClientSampleId :
NB-01-022318MSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	33.1	24.0	36.0
65	30.6	27.0	40.4
92	17.7	16.6	25.0

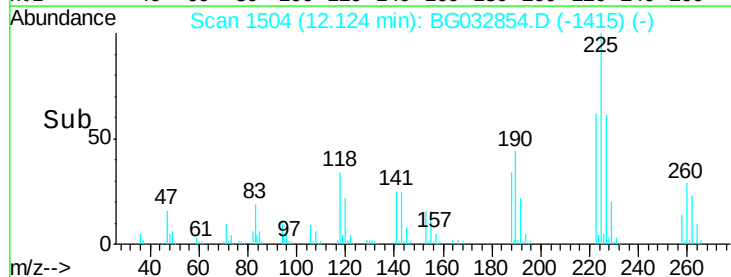
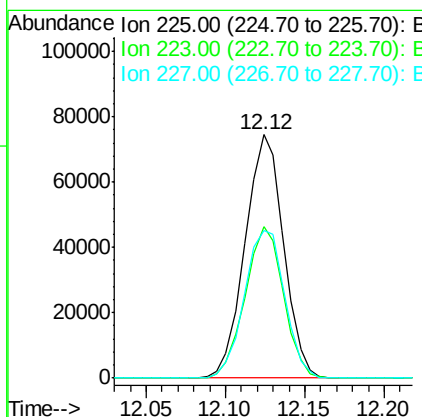
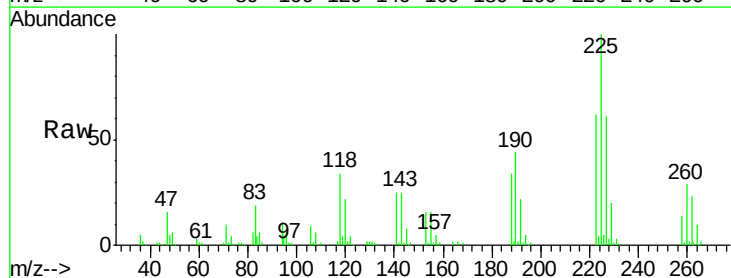
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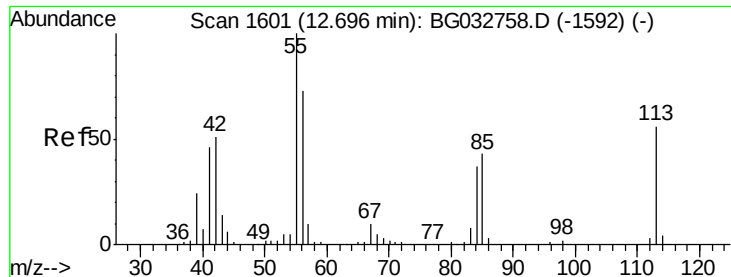
Sohil
2/28/2018 1:01:30 PM



#34
Hexachlorobutadiene
Concen: 37.076 ng
RT: 12.12 min Scan# 1504
Delta R.T. -0.00 min
Lab File: BG032854.D
Acq: 27 Feb 2018 14:33

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.2	49.7	74.5
227	60.6	48.1	72.1





#35

Caprolactam

Concen: 34.045 ng

RT: 12.69 min Scan# 1601

Delta R.T. -0.00 min

Lab File: BG032854.D

Acq: 27 Feb 2018 14:33

Instrument :

BNA_G

ClientSampleId :

NB-01-022318MSD

Tot Ion:113 Resp: 70301

Ion Ratio Lower Upper

113 100

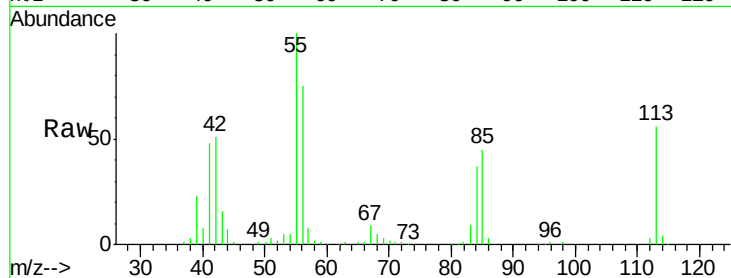
55 178.1 186.9 226.9#

56 132.8 130.9 170.9

Manual Integrations
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Sohil

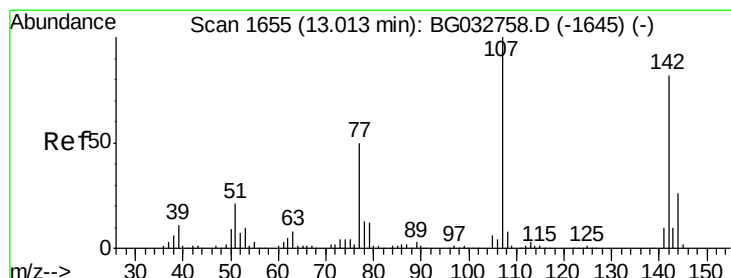
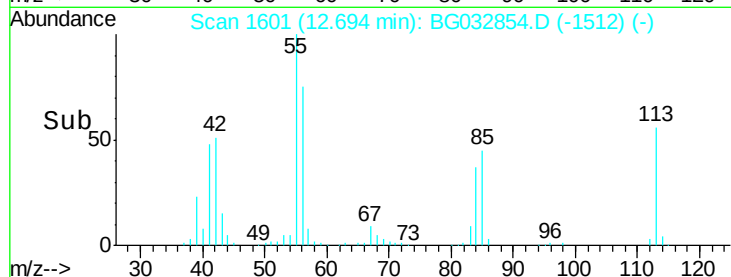
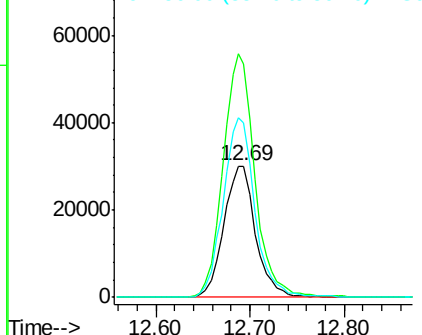
2/28/2018 1:01:30 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 45.962 ng

RT: 13.00 min Scan# 1654

Delta R.T. -0.00 min

Lab File: BG032854.D

Acq: 27 Feb 2018 14:33

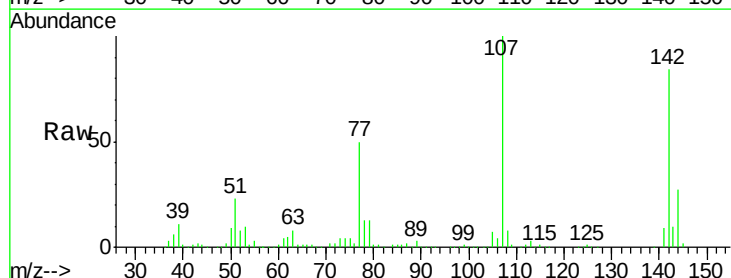
Tgt Ion:107 Resp: 275829

Ion Ratio Lower Upper

107 100

144 26.8 18.2 27.4

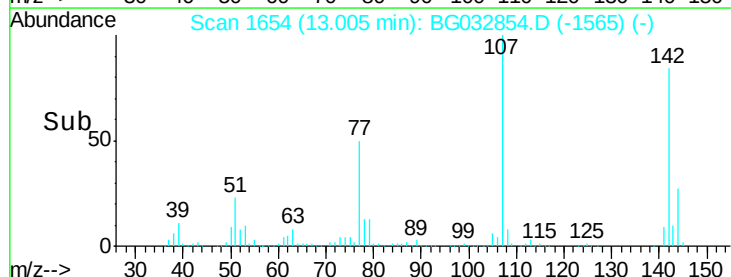
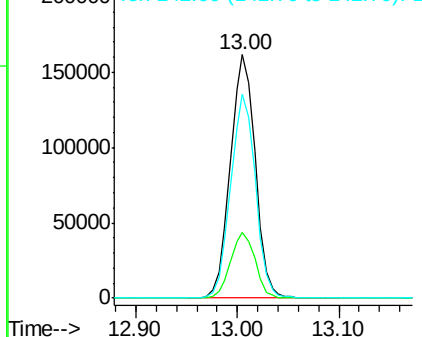
142 84.0 59.0 88.4

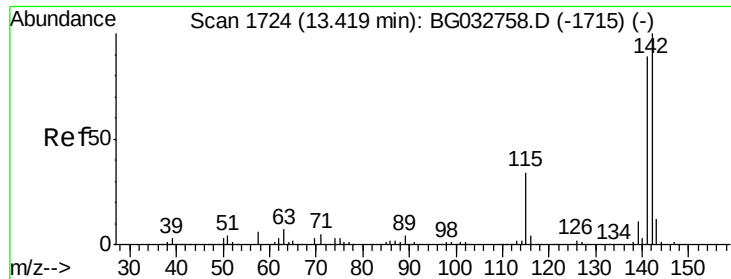


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





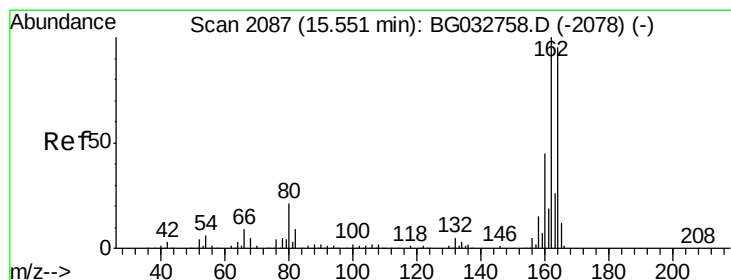
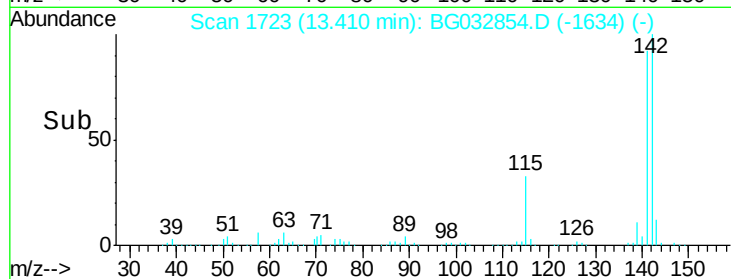
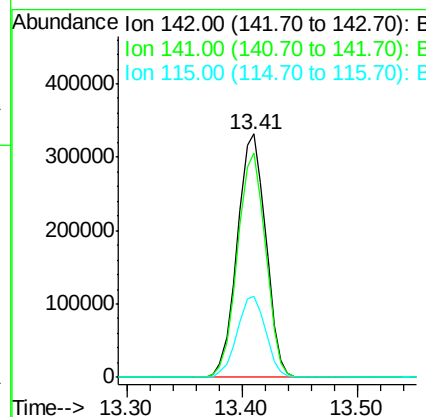
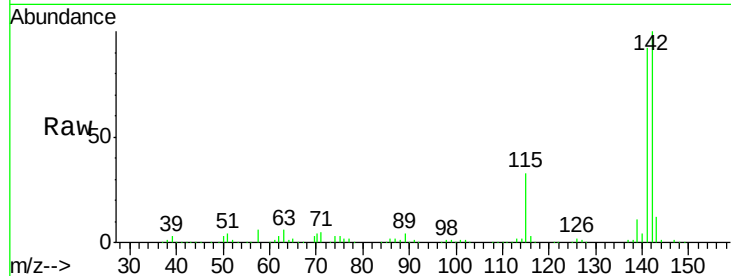
#37
2-Methylnaphthalene
Concen: 40.299 ng
RT: 13.41 min Scan# 1723
Delta R.T. -0.00 min
Lab File: BG032854.D
Acq: 27 Feb 2018 14:33

Instrument :
BNA_G
ClientSampleId :
NB-01-022318MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.1	67.1	100.7
115	33.4	30.7	46.1

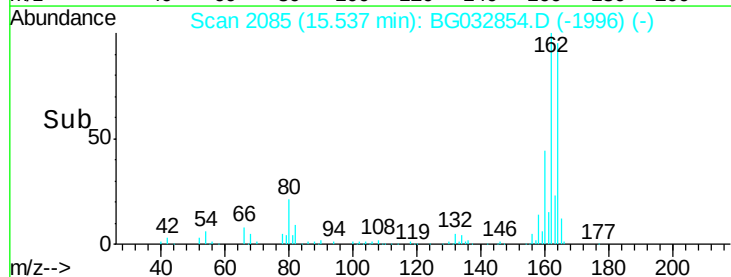
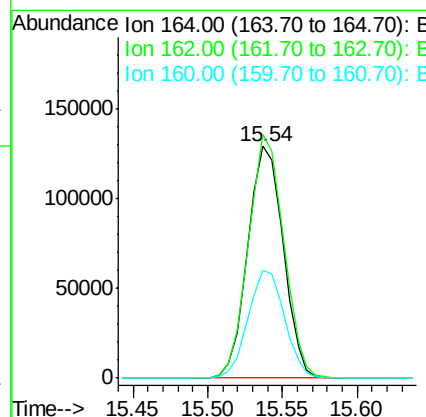
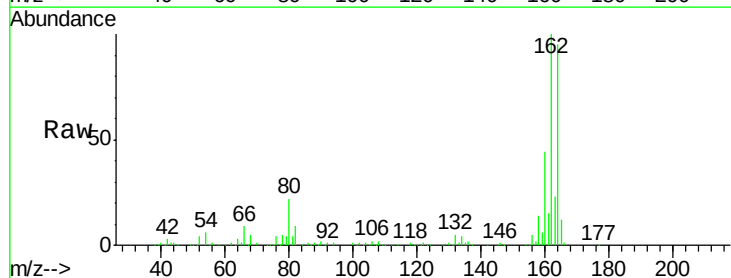
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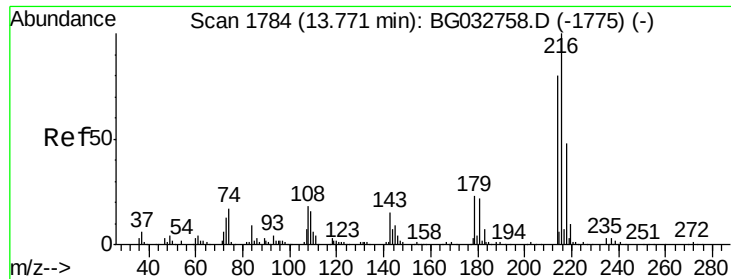
Sohil
2/28/2018 1:01:30 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.54 min Scan# 2085
Delta R.T. -0.00 min
Lab File: BG032854.D
Acq: 27 Feb 2018 14:33

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.1	78.8	118.2
160	46.3	35.4	53.0





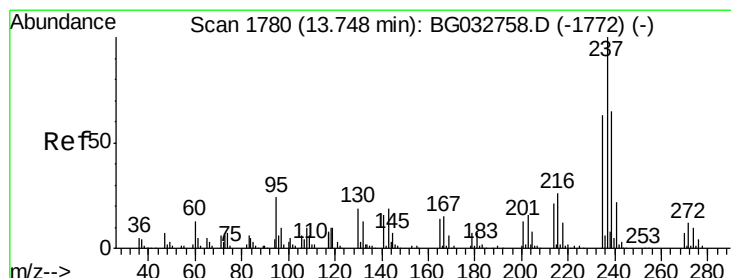
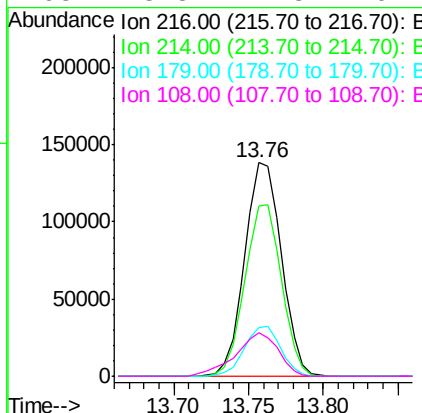
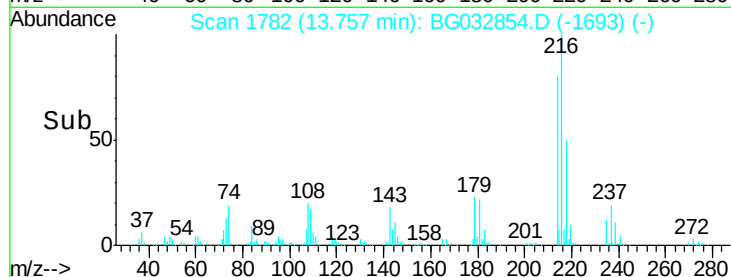
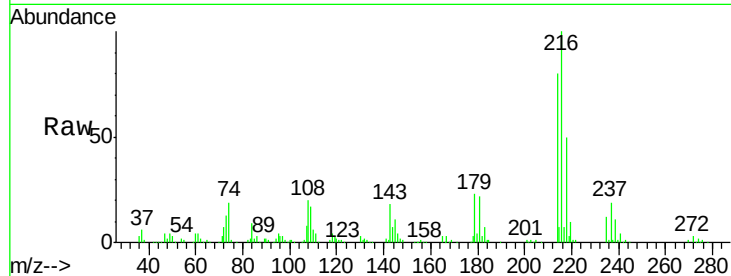
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.327 ng
 RT: 13.76 min Scan# 1782
 Delta R.T. -0.00 min
 Lab File: BG032854.D
 Acq: 27 Feb 2018 14:33

Instrument :
 BNA_G
 ClientSampleId :
 NB-01-022318MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	79.7		63.0	94.4	
179	23.0		17.0	25.6	
108	23.8		12.8	19.2	

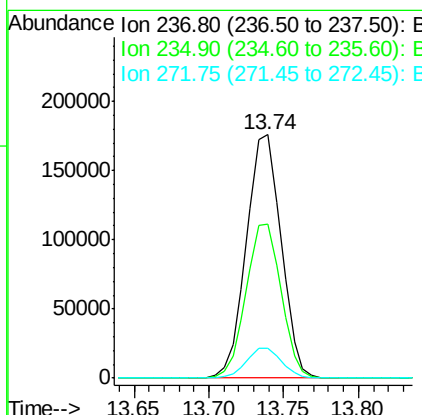
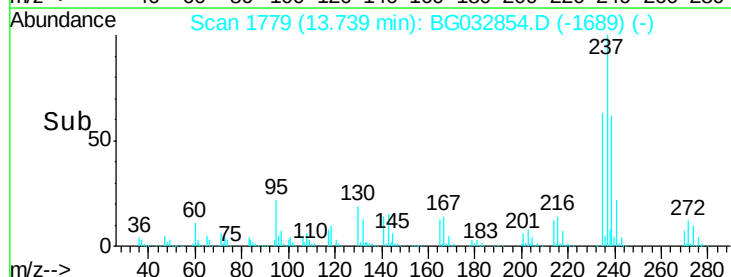
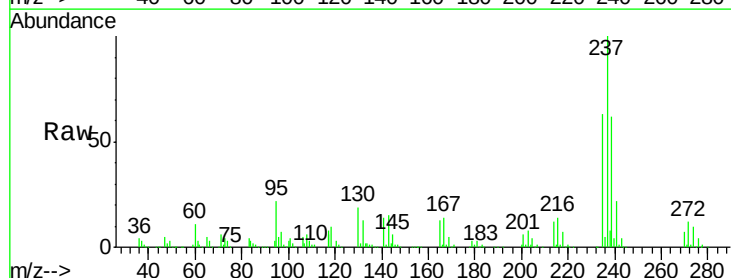
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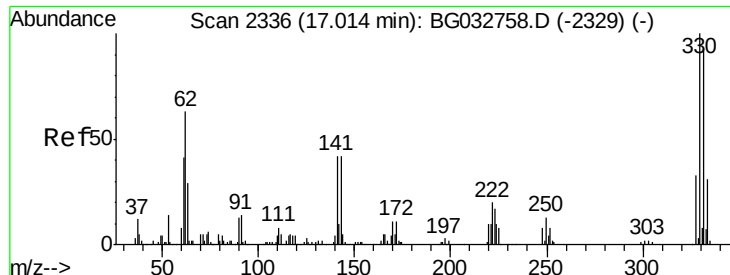
Sohil
 2/28/2018 1:01:30 PM



#40
 Hexachlorocyclopentadiene
 Concen: 88.215 ng
 RT: 13.74 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: BG032854.D
 Acq: 27 Feb 2018 14:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	63.4		50.4	90.4	
272	12.5		0.0	31.8	





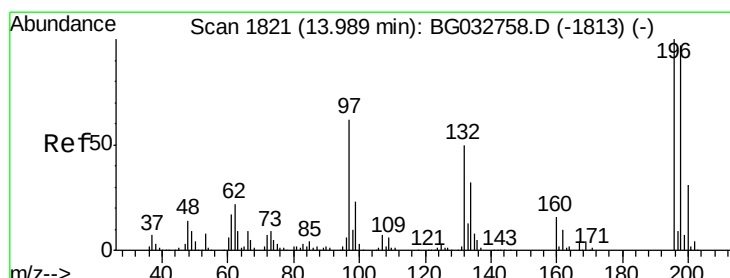
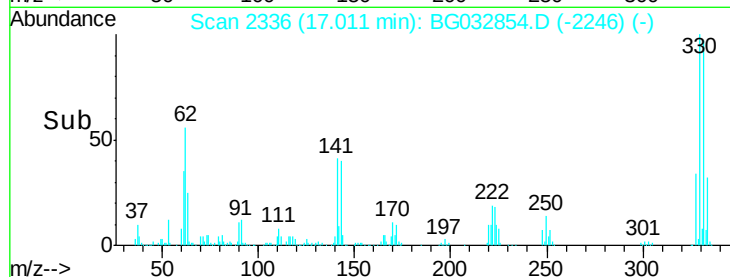
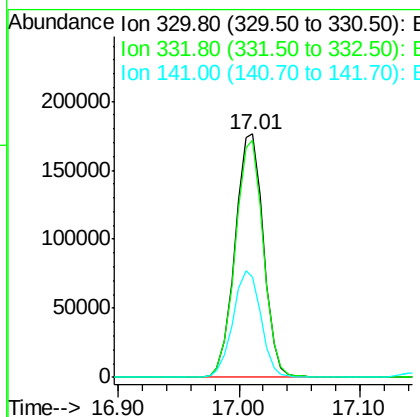
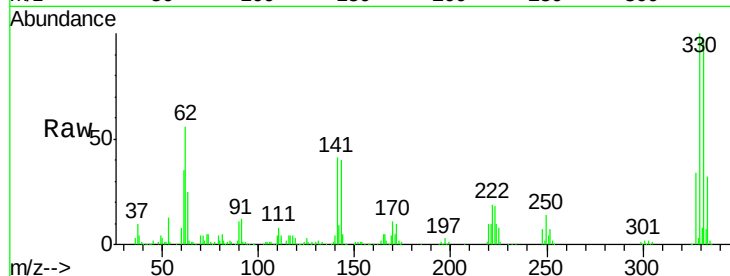
#41
 2,4,6-Tribromophenol
 Concen: 129.302 ng
 RT: 17.01 min Scan# 2336
 Delta R.T. 0.00 min
 Lab File: BG032854.D
 Acq: 27 Feb 2018 14:33

Instrument :
 BNA_G
 ClientSampleId :
 NB-01-022318MSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	288475		
332	96.7	77.0	115.6	
141	43.6	25.2	37.8	

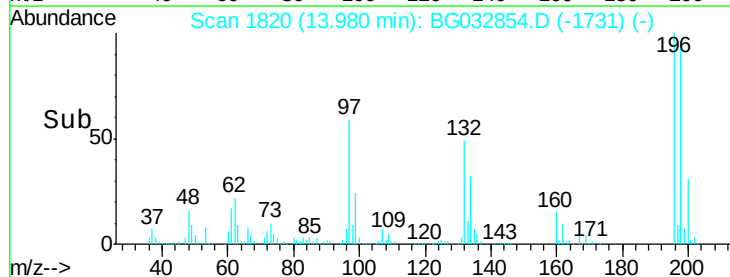
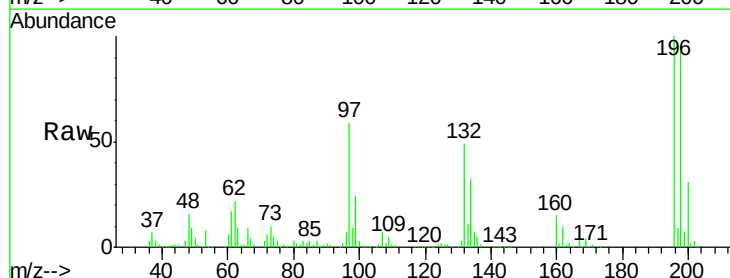
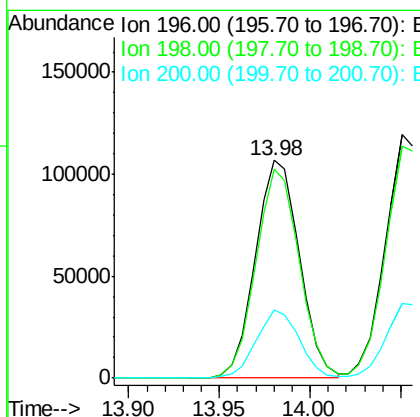
Manual Integrations
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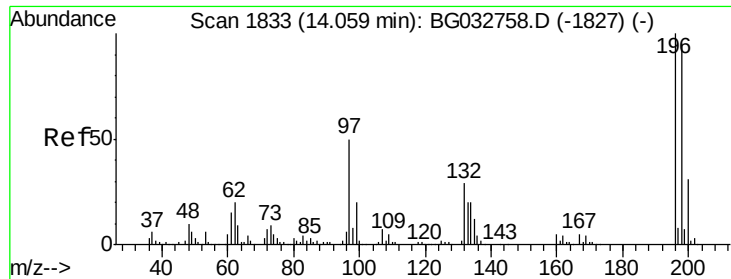
Sohil
 2/28/2018 1:01:30 PM



#42
 2,4,6-Trichlorophenol
 Concen: 45.421 ng
 RT: 13.98 min Scan# 1820
 Delta R.T. -0.00 min
 Lab File: BG032854.D
 Acq: 27 Feb 2018 14:33

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	180418		
198	96.0	78.2	117.2	
200	31.4	24.6	36.8	





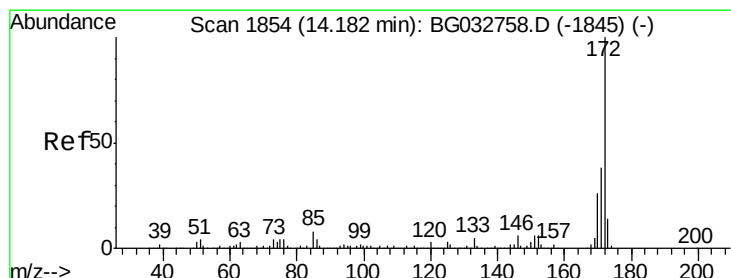
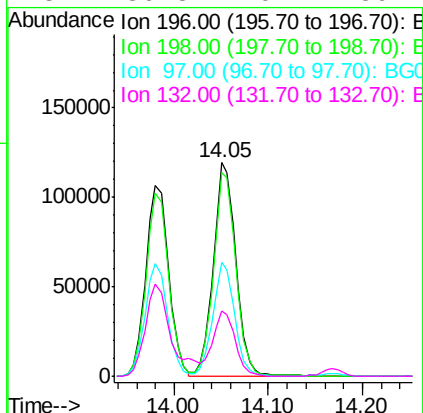
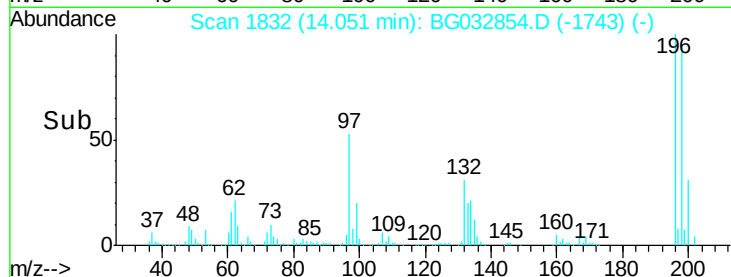
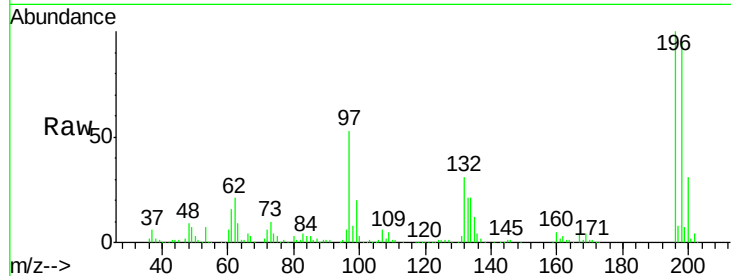
#43
 2,4,5-Trichlorophenol
 Concen: 43.709 ng
 RT: 14.05 min Scan# 1832
 Delta R.T. -0.00 min
 Lab File: BG032854.D
 Acq: 27 Feb 2018 14:33

Instrument :
 BNA_G
 ClientSampleId :
 NB-01-022318MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	200946		
198	95.3	76.2	114.4	
97	53.1	38.7	58.1	
132	30.8	20.2	30.2	

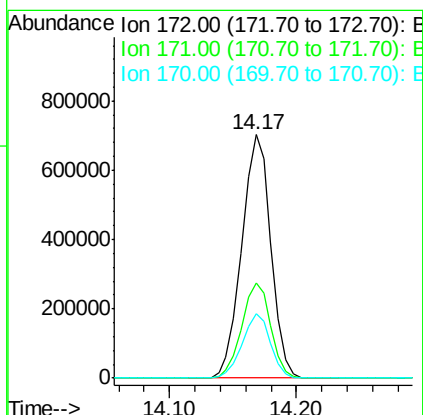
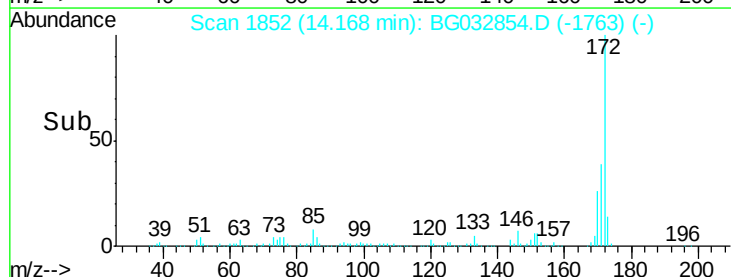
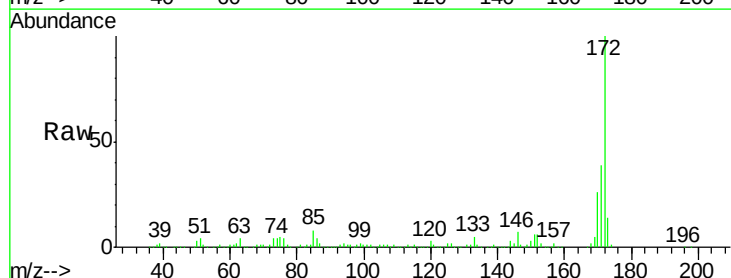
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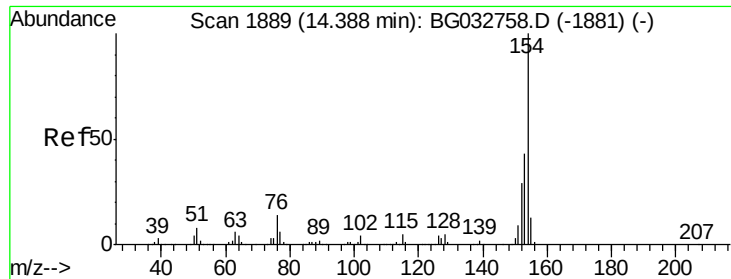
Sohil
 2/28/2018 1:01:30 PM



#44
 2-Fluorobiphenyl
 Concen: 75.580 ng
 RT: 14.17 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: BG032854.D
 Acq: 27 Feb 2018 14:33

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1111918		
171	39.3	30.0	45.0	
170	26.3	19.5	29.3	





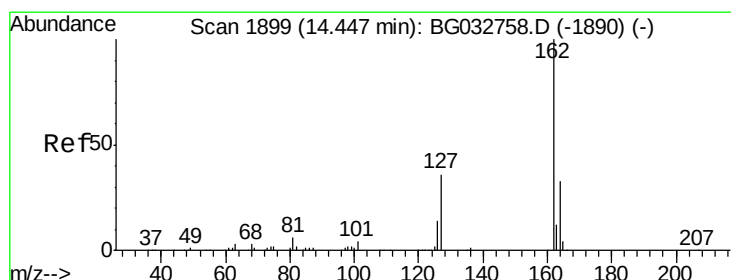
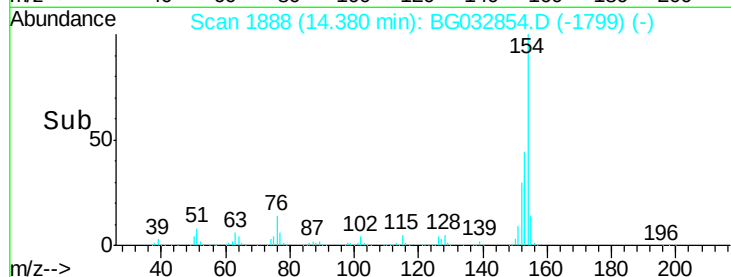
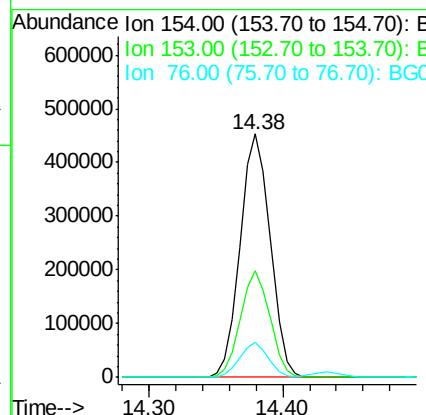
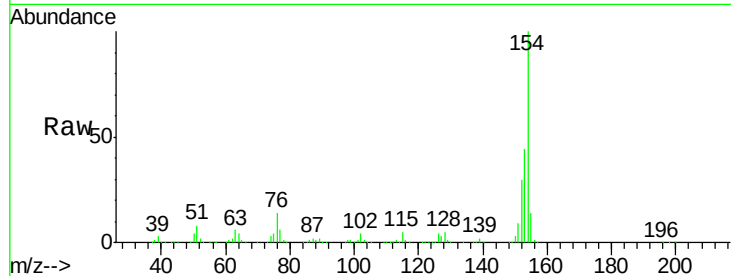
#45
 1,1'-Biphenyl
 Concen: 38.084 ng
 RT: 14.38 min Scan# 1888
 Delta R.T. -0.00 min
 Lab File: BG032854.D
 Acq: 27 Feb 2018 14:33

Instrument :
 BNA_G
 ClientSampleId :
 NB-01-022318MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	43.6	19.8	59.8
76	14.2	0.0	31.9

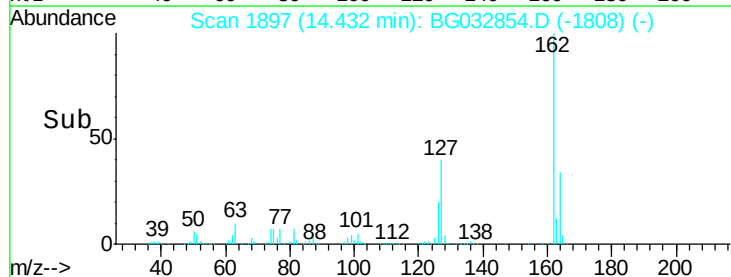
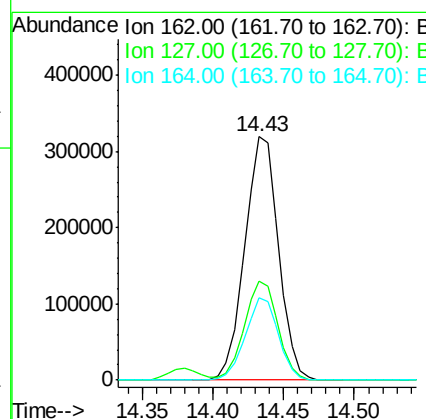
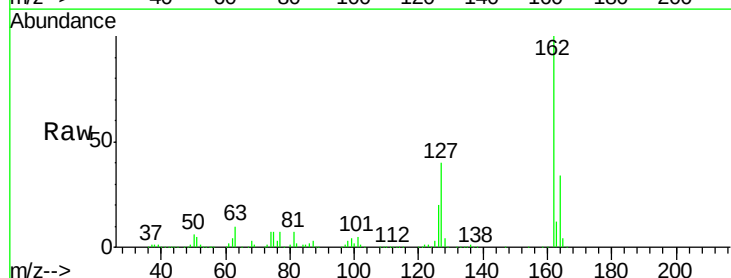
Manual Integrations
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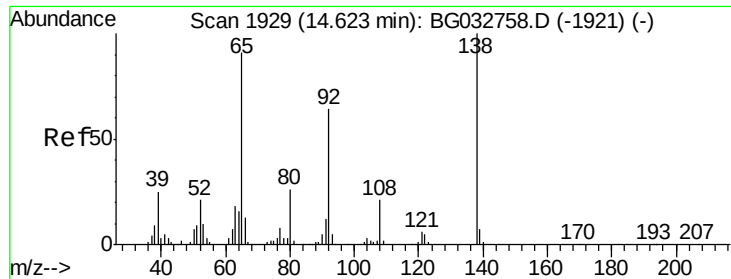
Sohil
 2/28/2018 1:01:30 PM



#46
 2-Chloronaphthalene
 Concen: 38.498 ng
 RT: 14.43 min Scan# 1897
 Delta R.T. -0.00 min
 Lab File: BG032854.D
 Acq: 27 Feb 2018 14:33

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.4	30.7	46.1
164	33.8	26.0	39.0





#47

2-Nitroaniline

Concen: 51.321 ng

RT: 14.61 min Scan# 1928

Delta R.T. -0.00 min

Lab File: BG032854.D

Acq: 27 Feb 2018 14:33

Instrument :

BNA_G

ClientSampleId :

NB-01-022318MSD

Tot Ion: 65 Resp: 182252

Ion Ratio Lower Upper

65 100

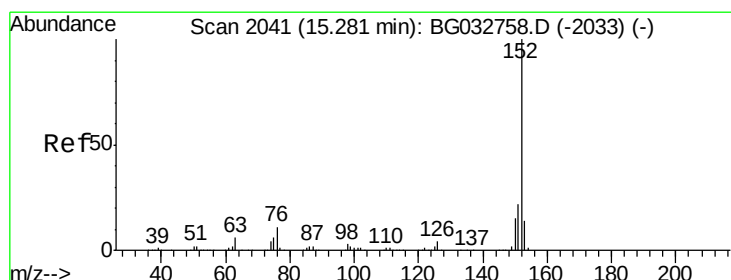
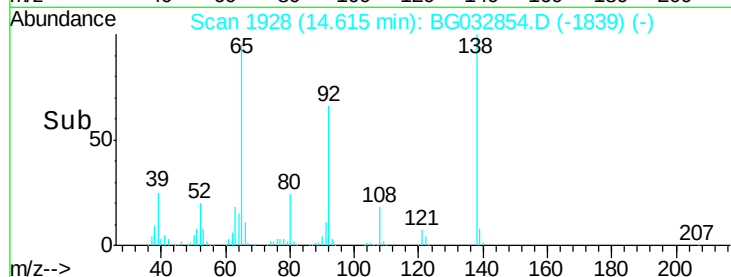
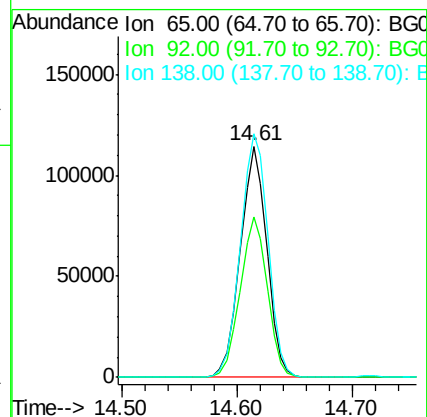
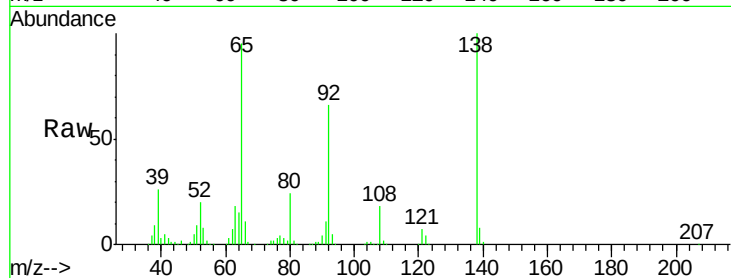
92 69.5 54.6 82.0

138 105.5 72.9 109.3

Manual Integrations
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#48

Acenaphthylene

Concen: 38.645 ng

RT: 15.27 min Scan# 2040

Delta R.T. 0.00 min

Lab File: BG032854.D

Acq: 27 Feb 2018 14:33

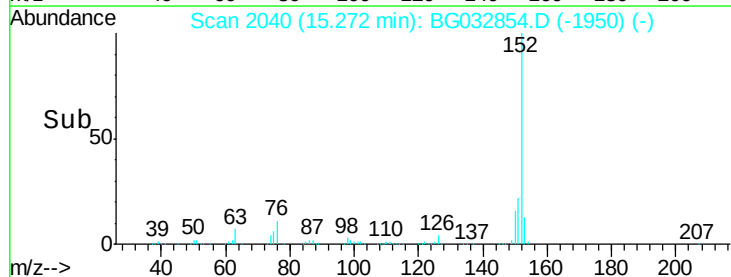
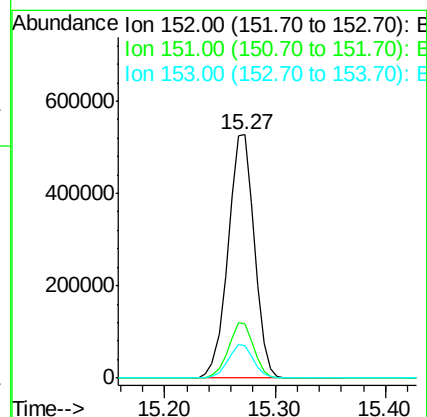
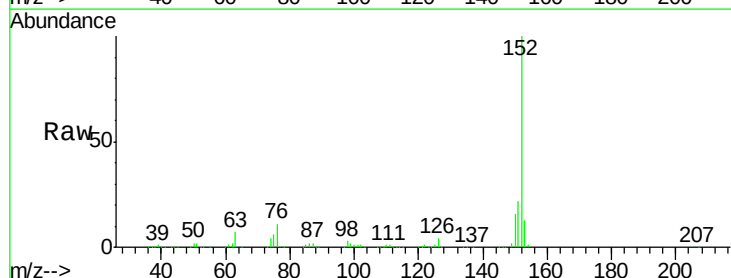
Tgt Ion: 152 Resp: 876313

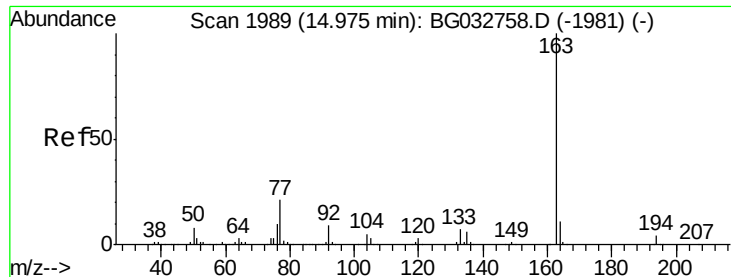
Ion Ratio Lower Upper

152 100

151 22.0 17.2 25.8

153 13.3 10.2 15.4





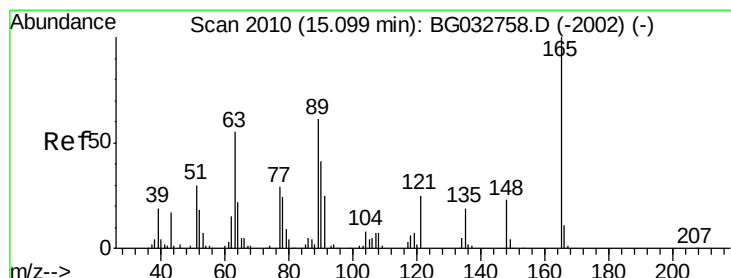
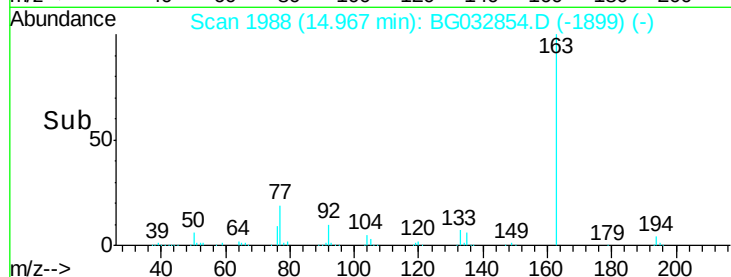
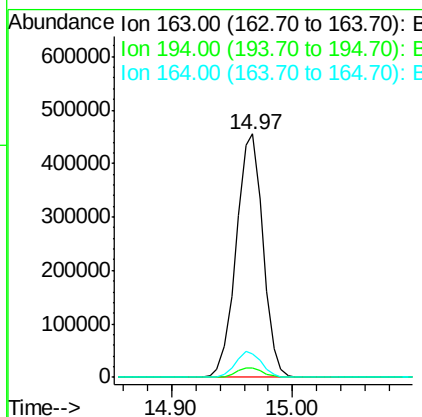
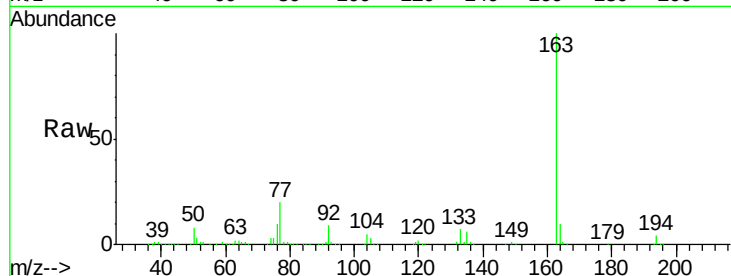
#49
Dimethylphthalate
Concen: 38.909 ng
RT: 14.97 min Scan# 1988
Delta R.T. -0.00 min
Lab File: BG032854.D
Acq: 27 Feb 2018 14:33

Instrument :
BNA_G
ClientSampleId :
NB-01-022318MSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	700981		
194	3.9		3.4	5.2
164	9.9		8.2	12.4

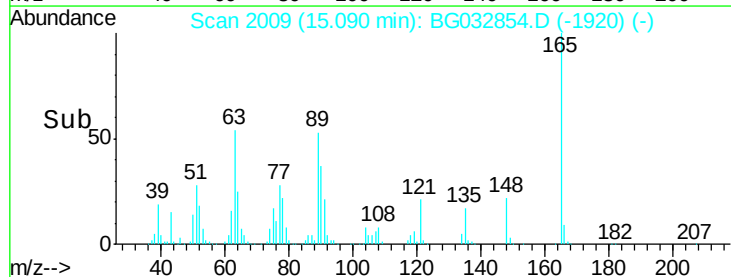
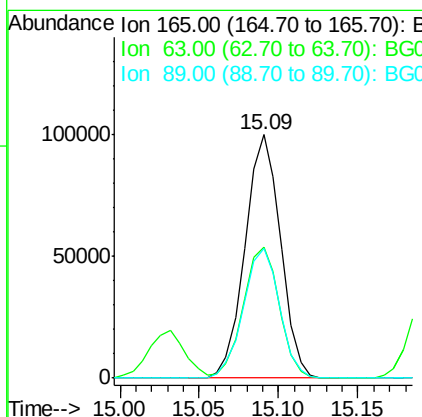
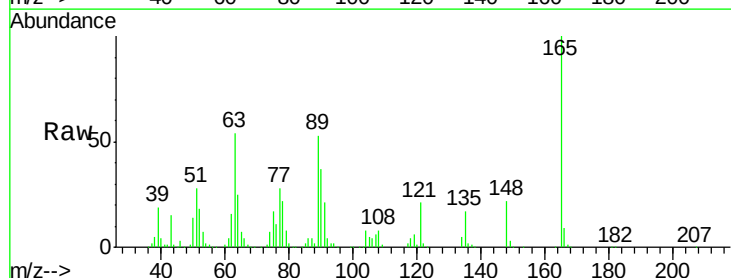
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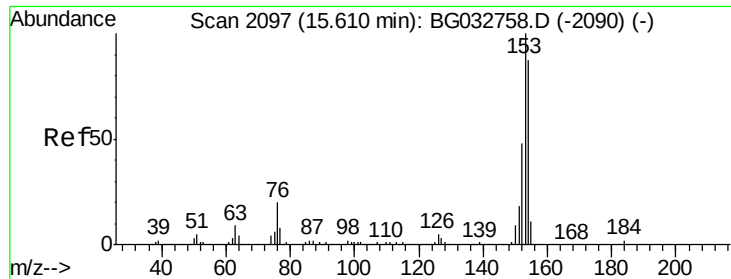
Sohil
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#50
2,6-Dinitrotoluene
Concen: 51.336 ng
RT: 15.09 min Scan# 2009
Delta R.T. -0.00 min
Lab File: BG032854.D
Acq: 27 Feb 2018 14:33

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	155344		
63	53.8		52.7	79.1
89	53.3		49.2	73.8





#51

Acenaphthene

Concen: 41.271 ng

RT: 15.60 min Scan# 2096

Delta R.T. -0.00 min

Lab File: BG032854.D

Acq: 27 Feb 2018 14:33

Instrument :

BNA_G

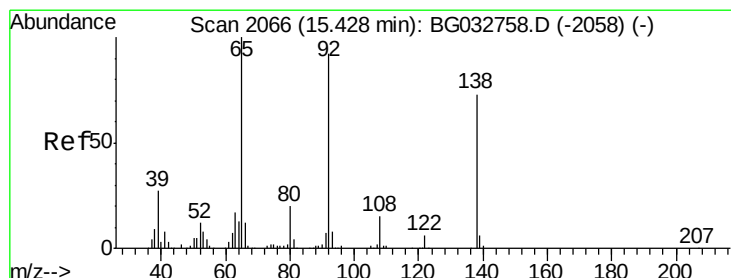
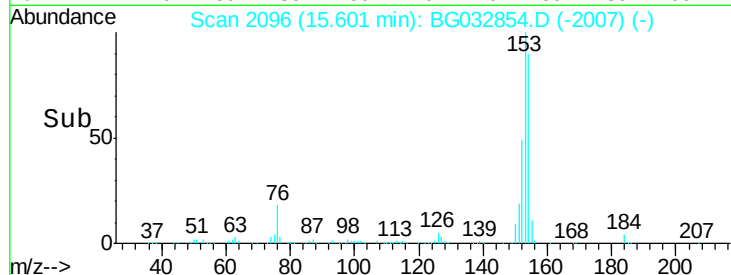
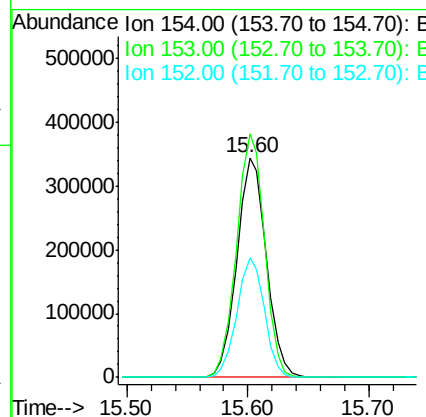
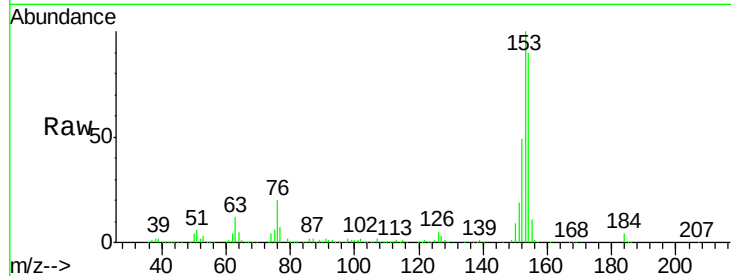
ClientSampleId :

NB-01-022318MSD

Tot Ion:	154	Resp:	582841
Ion Ratio	Lower	Upper	
154	100		
153	110.9	90.4	135.6
152	54.1	41.6	62.4

Manual Integrations
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#52

3-Nitroaniline

Concen: 31.607 ng

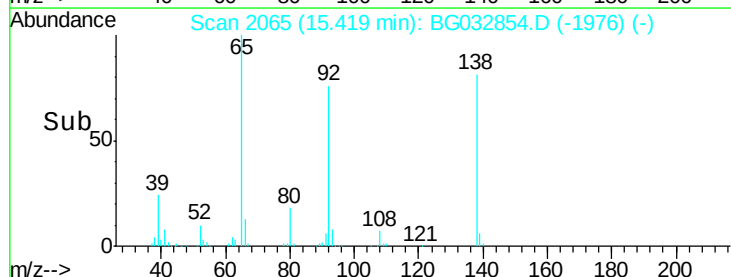
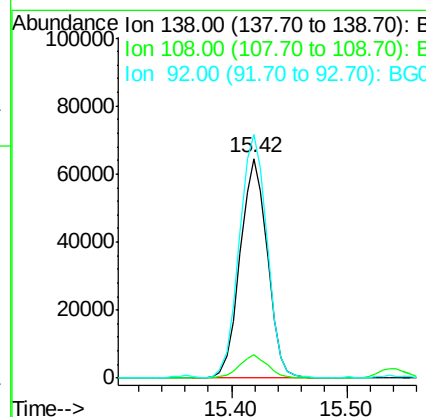
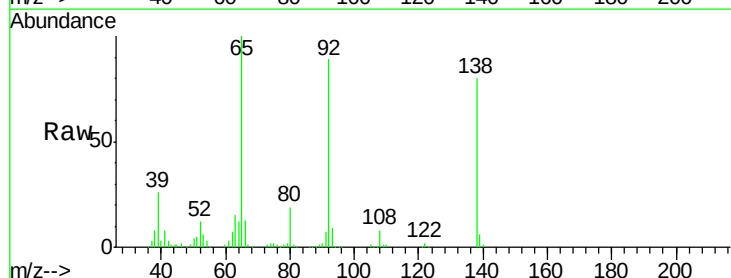
RT: 15.42 min Scan# 2065

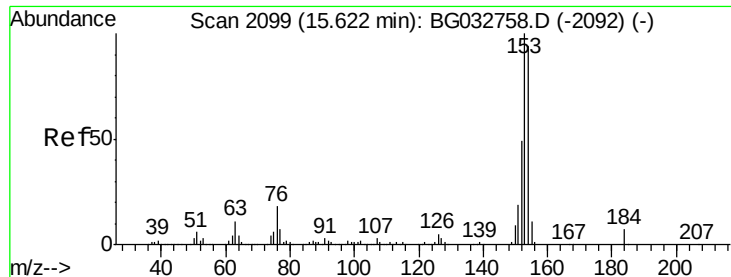
Delta R.T. -0.00 min

Lab File: BG032854.D

Acq: 27 Feb 2018 14:33

Tgt Ion:	138	Resp:	105326
Ion Ratio	Lower	Upper	
138	100		
108	10.5	17.5	26.3#
92	111.0	105.8	158.8





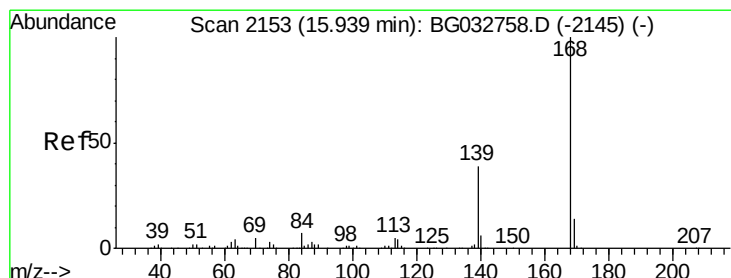
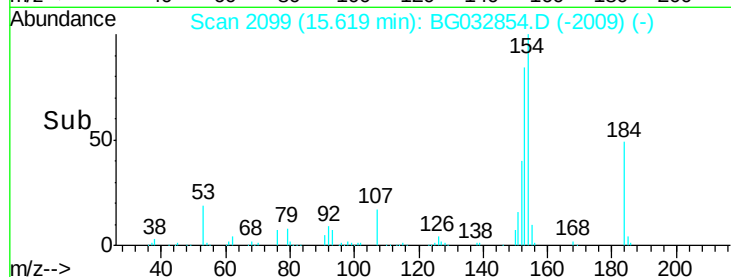
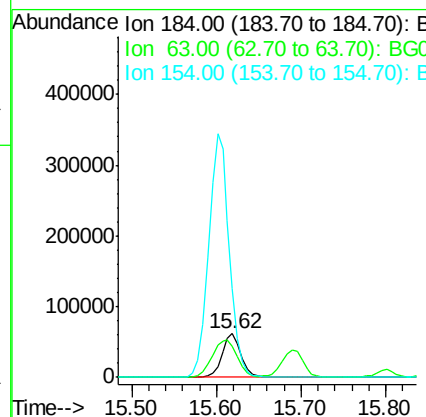
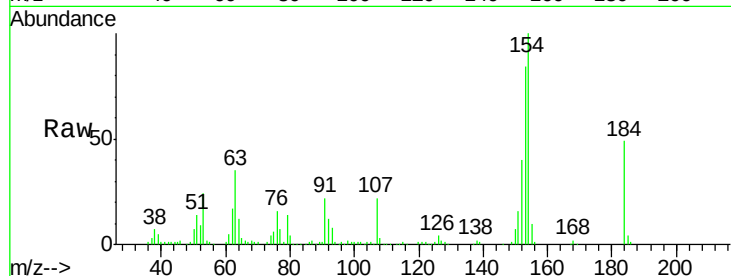
#53
2,4-Dinitrophenol
Concen: 97.064 ng
RT: 15.62 min Scan# 2099
Delta R.T. 0.00 min
Lab File: BG032854.D
Acq: 27 Feb 2018 14:33

Instrument :
BNA_G
ClientSampleId :
NB-01-022318MSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	71.5	59.8	89.8
154	202.9	101.8	152.8#

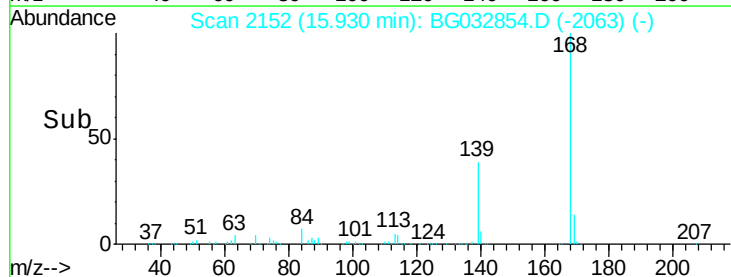
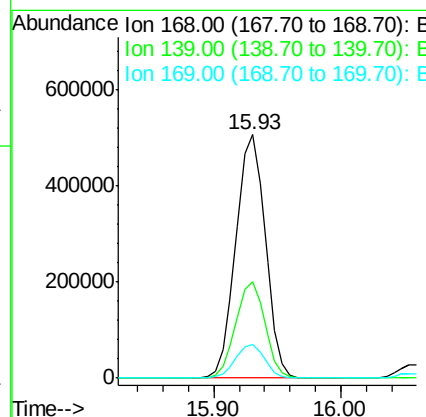
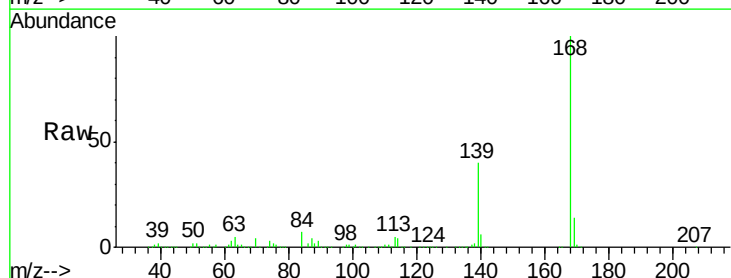
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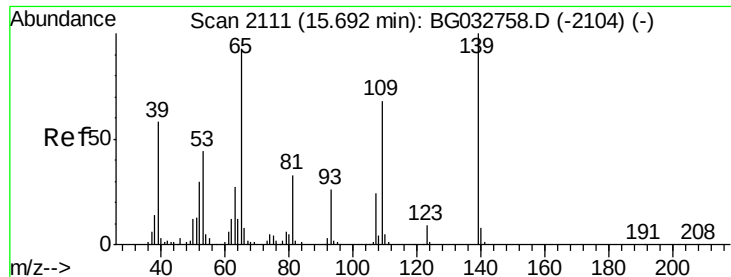
Sohil
2/28/2018 1:01:30 PM



#54
Dibenzofuran
Concen: 40.413 ng
RT: 15.93 min Scan# 2152
Delta R.T. -0.00 min
Lab File: BG032854.D
Acq: 27 Feb 2018 14:33

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.8	28.6	43.0
169	14.0	11.2	16.8





#55

4-Nitrophenol

Concen: 82.500 ng

RT: 15.69 min Scan# 2111

Delta R.T. 0.00 min

Lab File: BG032854.D

Acq: 27 Feb 2018 14:33

Instrument :

BNA_G

ClientSampleId :

NB-01-022318MSD

Tot Ion:139 Resp: 244114

Ion Ratio Lower Upper

139 100

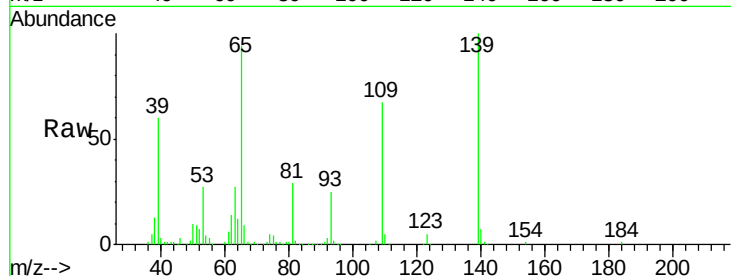
109 66.9 62.2 102.2

65 93.8 97.2 137.2#

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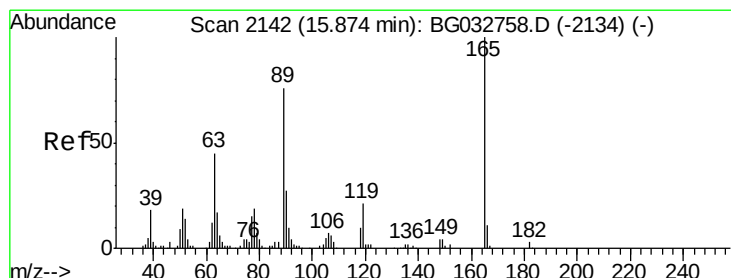
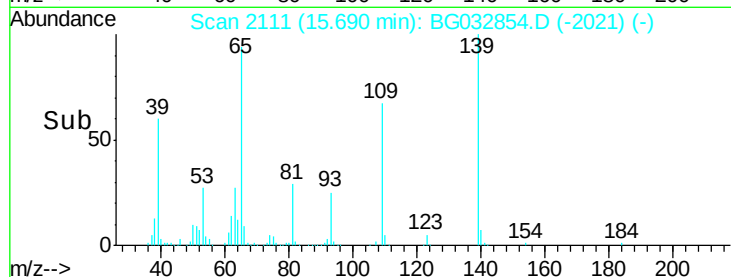
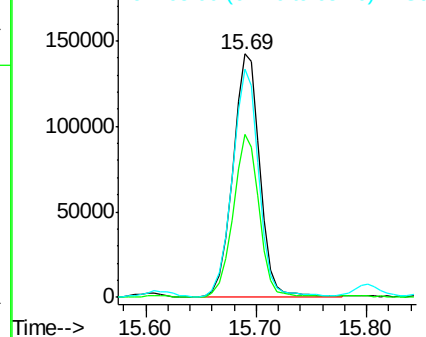
2/28/2018 1:01:30 PM



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#56

2,4-Dinitrotoluene

Concen: 58.158 ng

RT: 15.87 min Scan# 2141

Delta R.T. 0.00 min

Lab File: BG032854.D

Acq: 27 Feb 2018 14:33

Tgt Ion:165 Resp: 214674

Ion Ratio Lower Upper

165 100

63 43.1 42.0 63.0

89 71.3 66.9 100.3

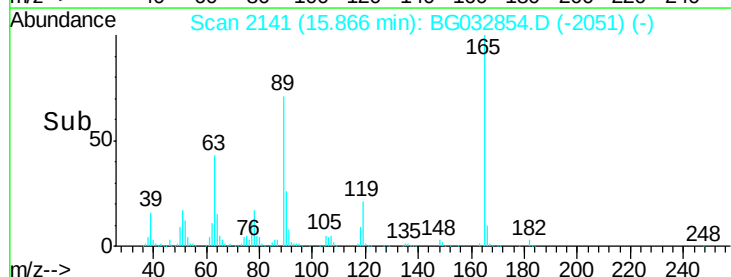
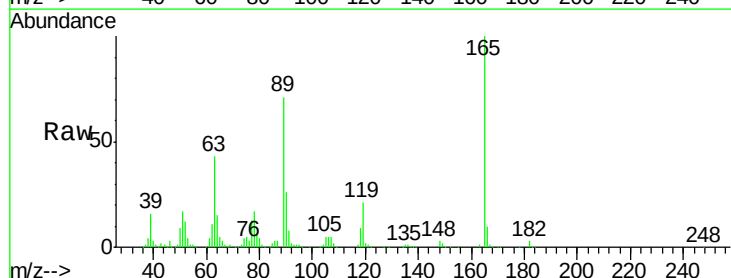
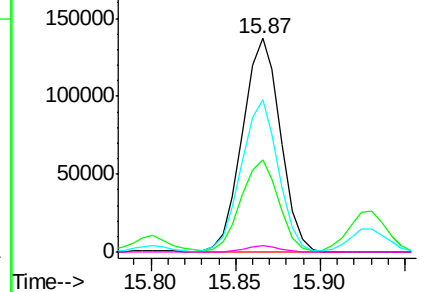
182 2.8 2.6 3.8

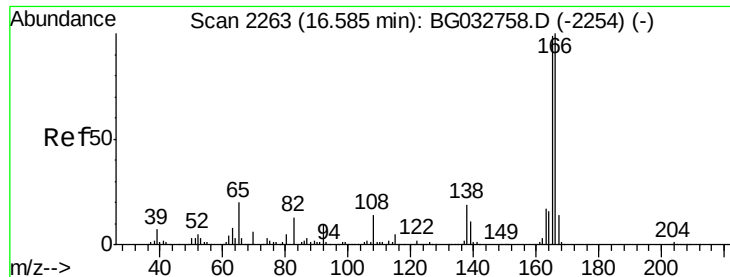
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 39.510 ng

RT: 16.57 min Scan# 2261

Delta R.T. -0.00 min

Lab File: BG032854.D

Acq: 27 Feb 2018 14:33

Instrument :

BNA_G

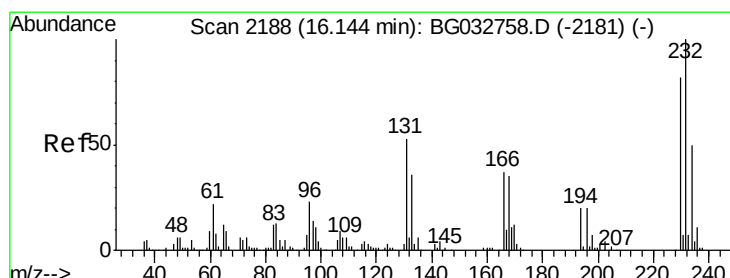
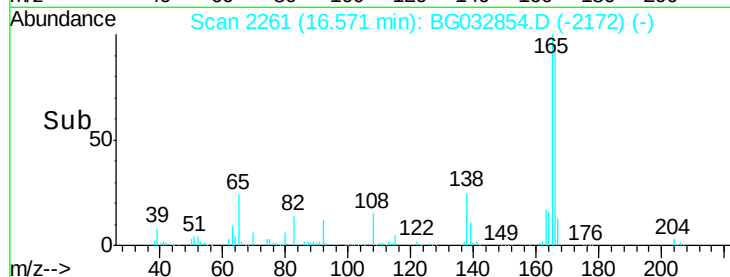
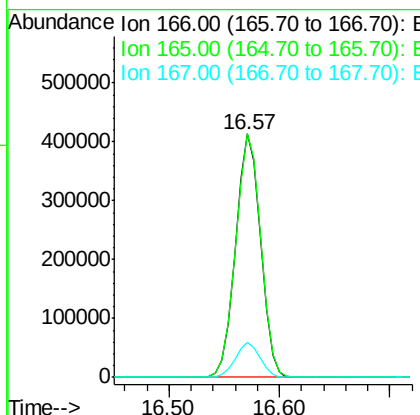
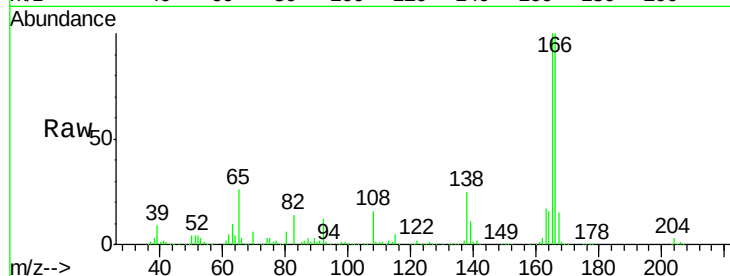
ClientSampleId :

NB-01-022318MSD

Tot Ion:	166	Resp:	655736
Ion Ratio		Lower	Upper
166	100		
165	99.9	80.6	121.0
167	14.5	10.4	15.6

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#58

2,3,4,6-Tetrachlorophenol

Concen: 47.148 ng m

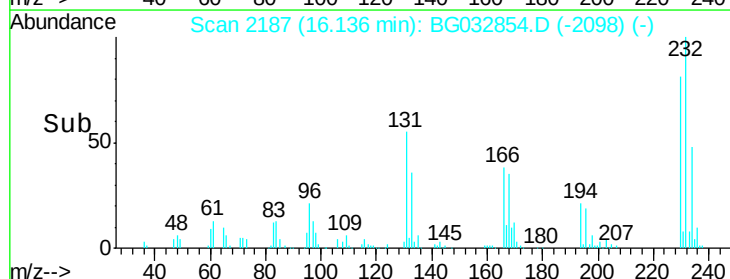
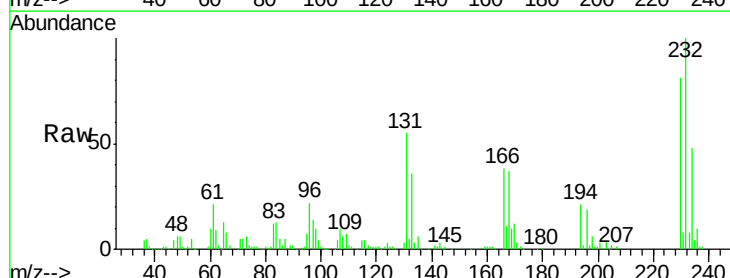
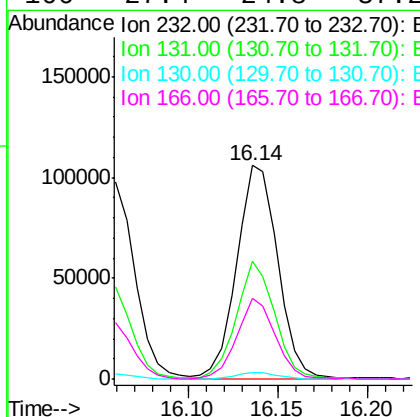
RT: 16.14 min Scan# 2187

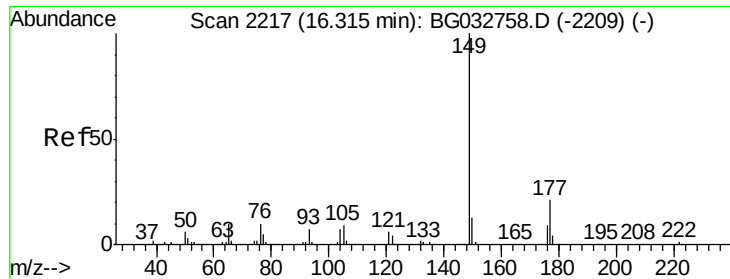
Delta R.T. -0.00 min

Lab File: BG032854.D

Acq: 27 Feb 2018 14:33

Tgt Ion:	232	Resp:	168288
Ion Ratio		Lower	Upper
232	100		
131	45.0	33.5	50.3
130	2.9	2.2	3.2
166	27.4	24.8	37.2





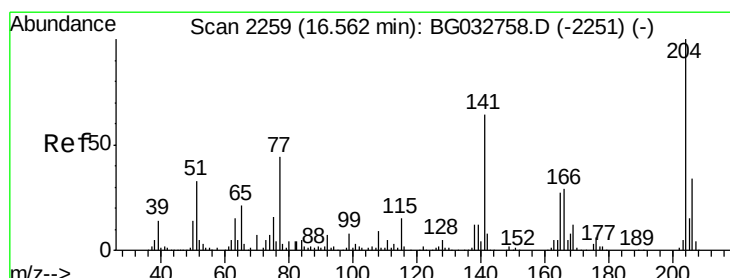
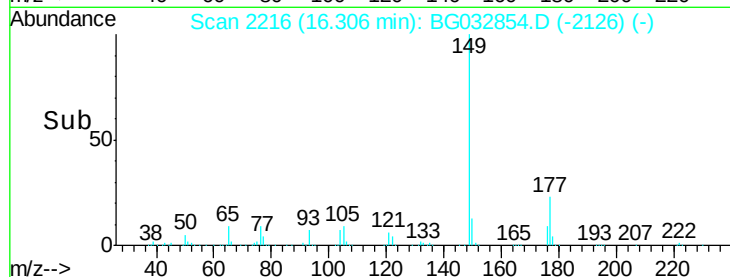
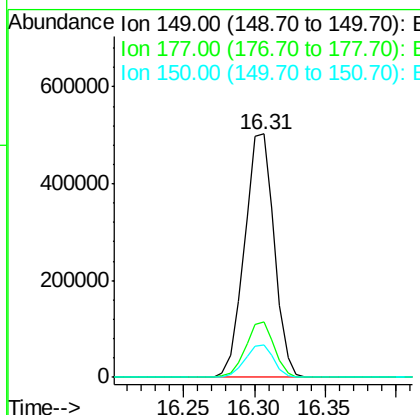
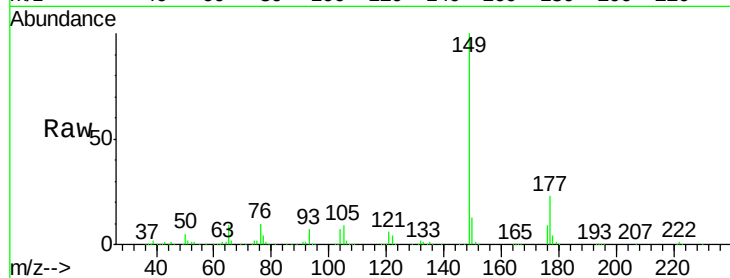
#59
Diethylphthalate
Concen: 38.876 ng
RT: 16.31 min Scan# 2216
Delta R.T. 0.00 min
Lab File: BG032854.D
Acq: 27 Feb 2018 14:33

Instrument :
BNA_G
ClientSampleId :
NB-01-022318MSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	22.9	18.5	27.7
150	13.3	10.2	15.2

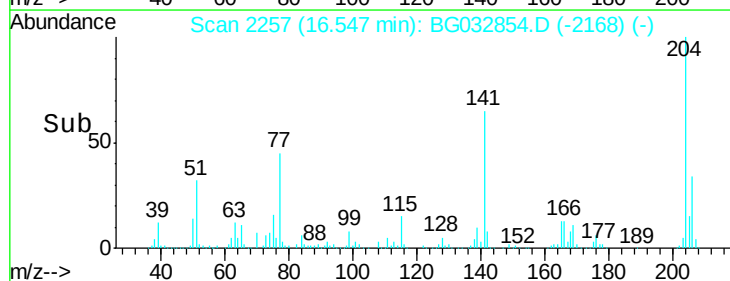
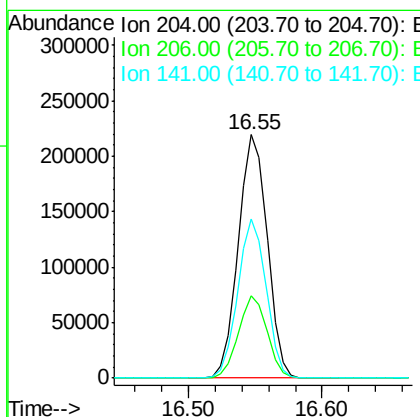
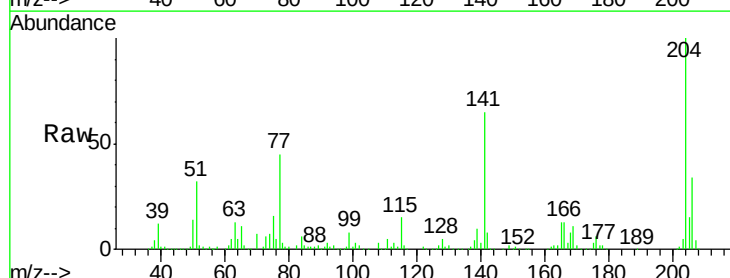
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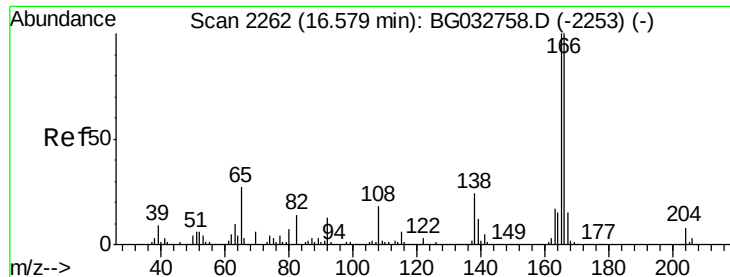
Sohil
2/28/2018 1:01:30 PM



#60
4-Chlorophenyl-phenylether
Concen: 40.451 ng
RT: 16.55 min Scan# 2257
Delta R.T. -0.00 min
Lab File: BG032854.D
Acq: 27 Feb 2018 14:33

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.6	26.2	39.2
141	65.3	45.8	68.6





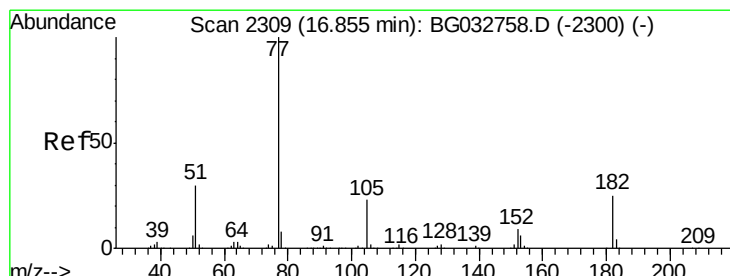
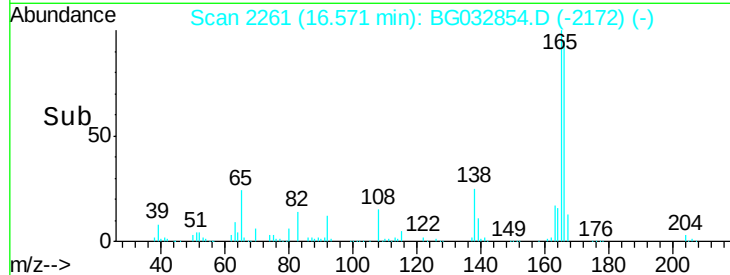
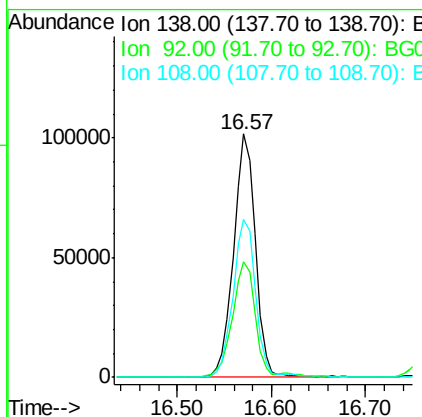
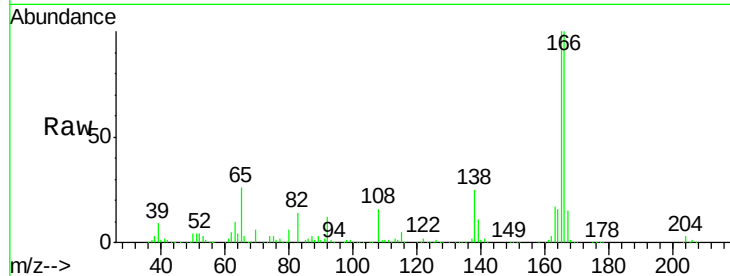
#61
4-Nitroaniline
Concen: 42.844 ng
RT: 16.57 min Scan# 2261
Delta R.T. -0.00 min
Lab File: BG032854.D
Acq: 27 Feb 2018 14:33

Instrument :
BNA_G
ClientSampleId :
NB-01-022318MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	47.6	40.1	80.1
108	65.0	65.4	105.4

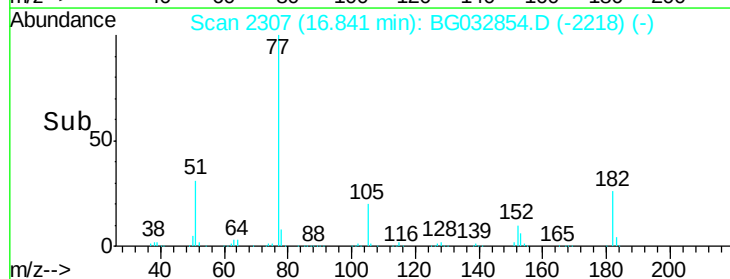
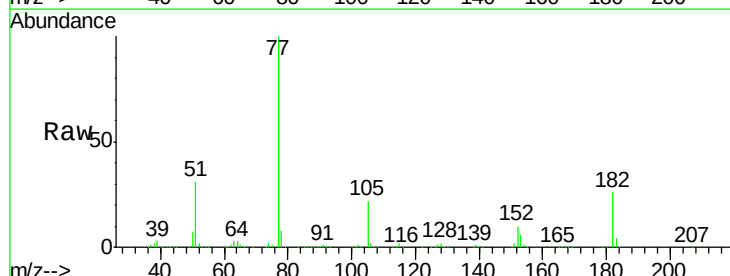
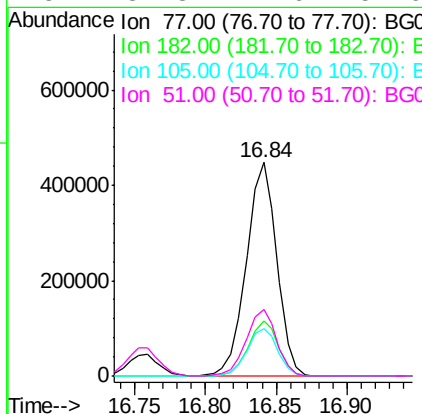
Manual Integrations
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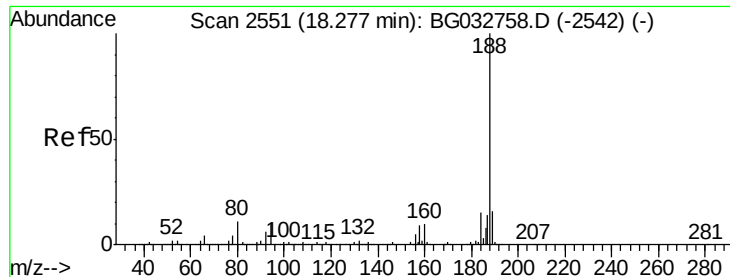
Sohil
2/28/2018 1:01:30 PM



#62
Azobenzene
Concen: 39.682 ng
RT: 16.84 min Scan# 2307
Delta R.T. -0.00 min
Lab File: BG032854.D
Acq: 27 Feb 2018 14:33

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.6	7.4	47.4
105	22.4	0.3	40.3
51	31.3	11.6	51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.26 min Scan# 2549

Delta R.T. -0.00 min

Lab File: BG032854.D

Acq: 27 Feb 2018 14:33

Instrument :

BNA_G

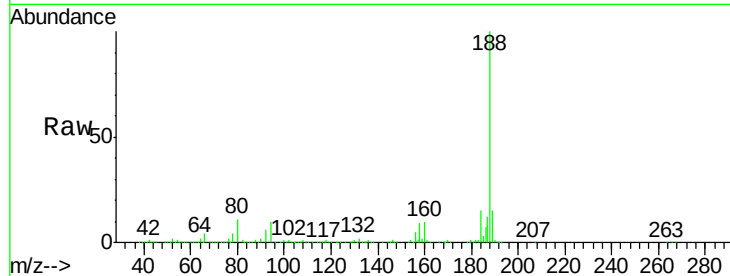
ClientSampleId :

NB-01-022318MSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	450633		
94	10.3	6.9	10.3#	
80	11.5	7.7	11.5	

Manual Integrations
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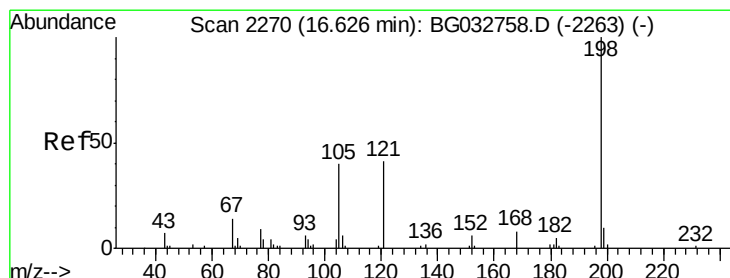
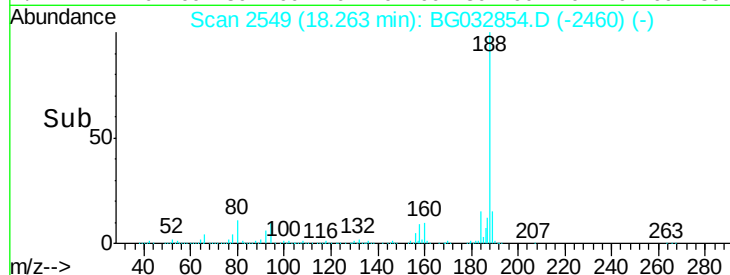
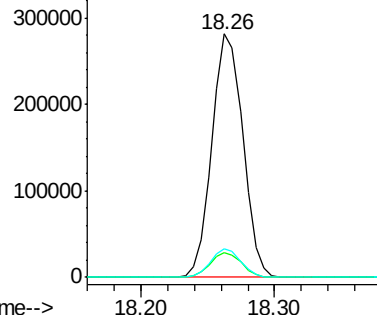
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 57.635 ng

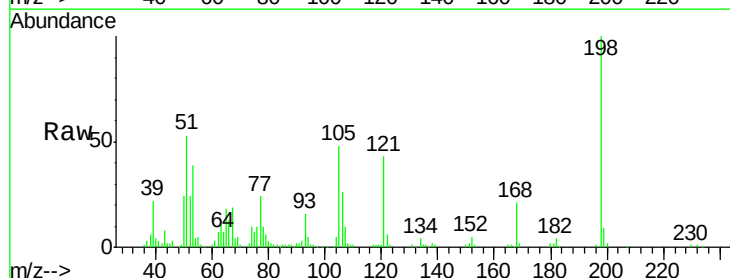
RT: 16.62 min Scan# 2269

Delta R.T. -0.00 min

Lab File: BG032854.D

Acq: 27 Feb 2018 14:33

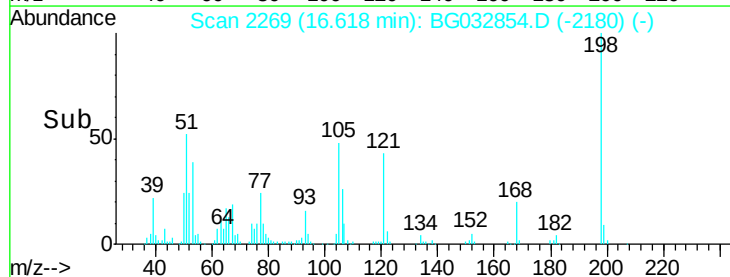
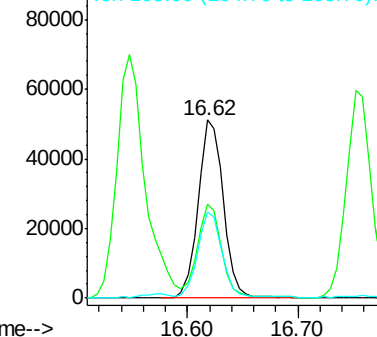
Tgt Ion	Ratio	Resp	Lower	Upper
198	100	81812		
51	52.6	30.6	70.6	
105	48.1	23.8	63.8	

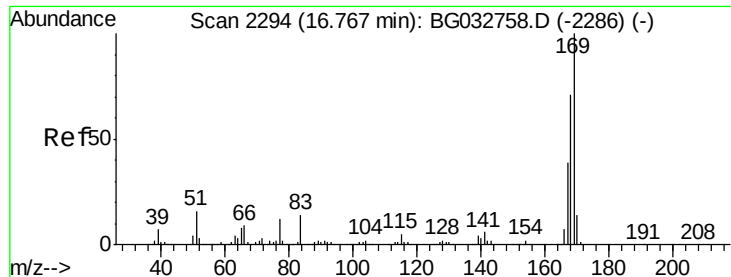


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 41.600 ng

RT: 16.76 min Scan# 2293

Delta R.T. -0.00 min

Lab File: BG032854.D

Acq: 27 Feb 2018 14:33

Instrument :

BNA_G

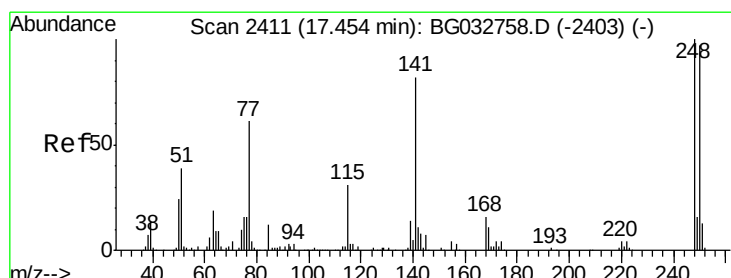
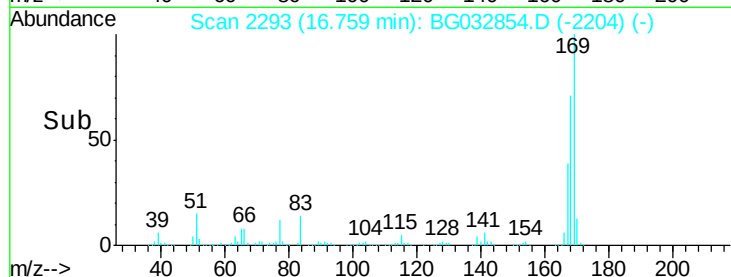
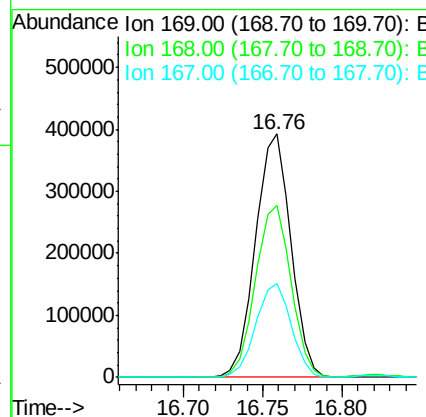
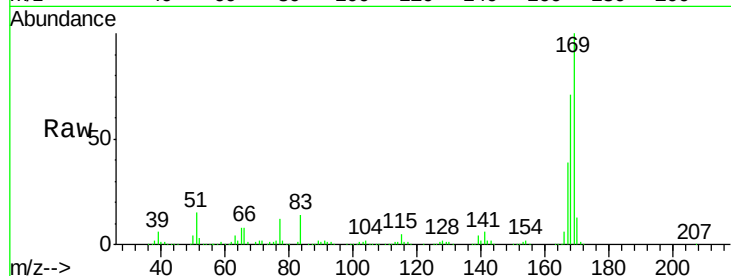
ClientSampleId :

NB-01-022318MSD

Tot Ion:	169	Resp:	609850
Ion Ratio	Lower	Upper	
169	100		
168	70.7	55.7	83.5
167	38.6	30.1	45.1

Manual Integrations
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#66

4-Bromophenyl-phenylether

Concen: 41.521 ng

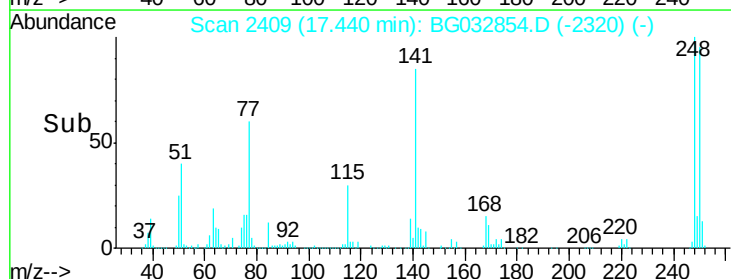
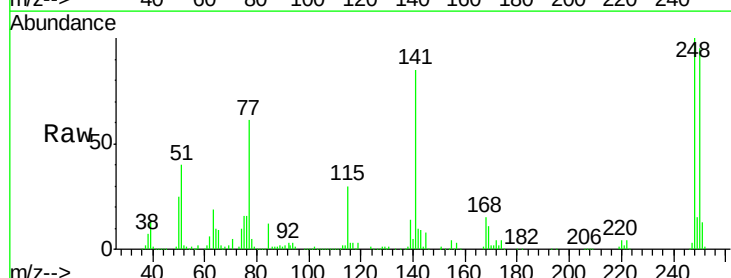
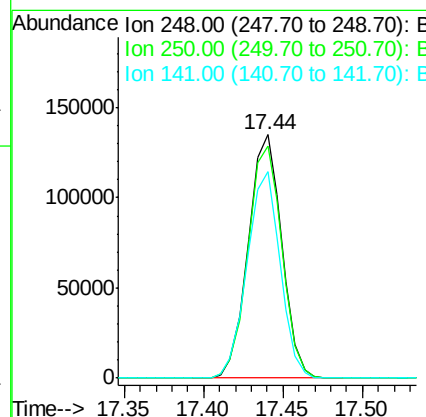
RT: 17.44 min Scan# 2409

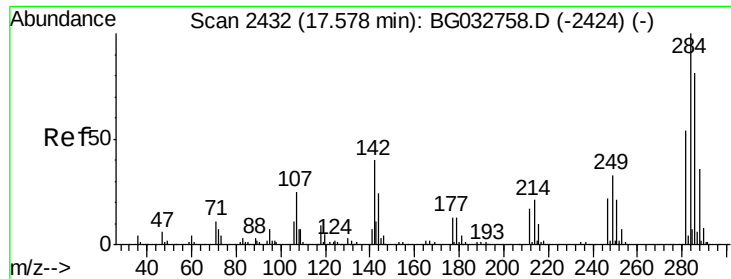
Delta R.T. -0.00 min

Lab File: BG032854.D

Acq: 27 Feb 2018 14:33

Tgt Ion:	248	Resp:	197844
Ion Ratio	Lower	Upper	
248	100		
250	95.4	77.1	115.7
141	84.8	50.8	76.2#





#67

Hexachlorobenzene

Concen: 39.675 ng

RT: 17.57 min Scan# 2431

Delta R.T. 0.00 min

Lab File: BG032854.D

Acq: 27 Feb 2018 14:33

Instrument :

BNA_G

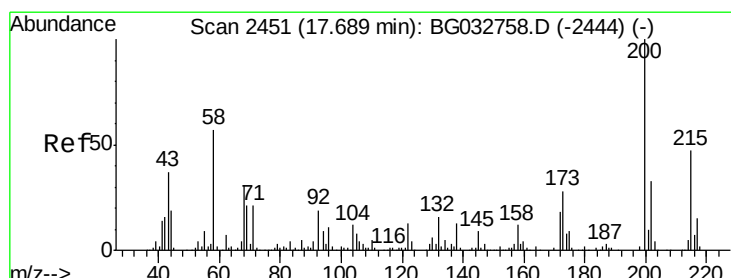
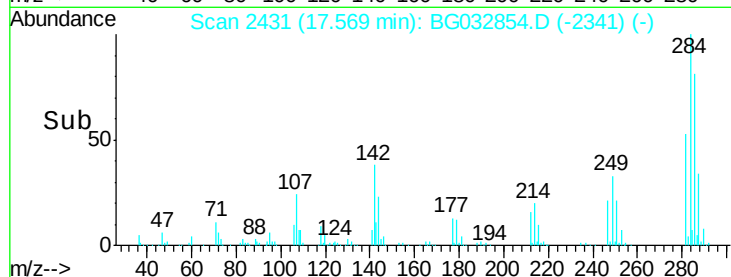
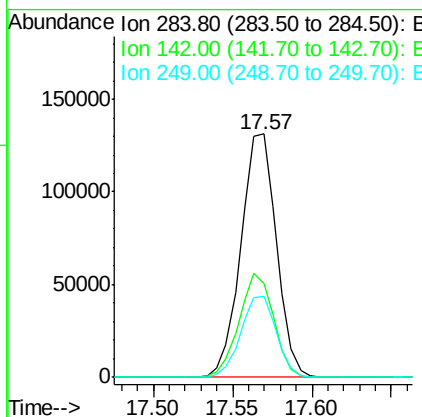
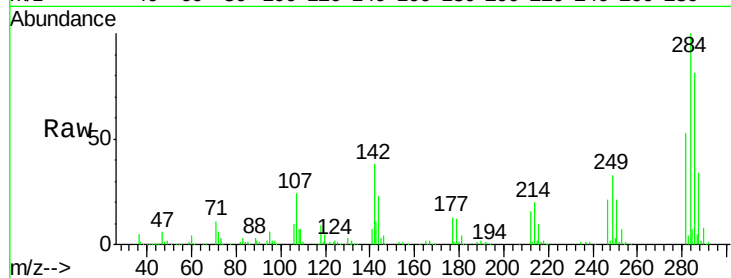
ClientSampleId :

NB-01-022318MSD

Tot Ion:	284	Resp:	204299
Ion Ratio	Lower	Upper	
284	100		
142	38.4	26.8	40.2
249	33.2	26.3	39.5

Manual Integrations
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2/28/2018 1:01:30 PM



#68

Atrazine

Concen: 40.770 ng

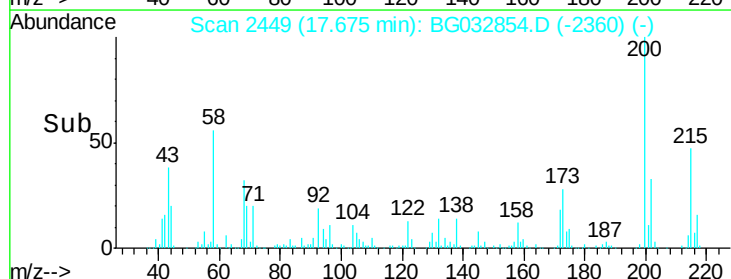
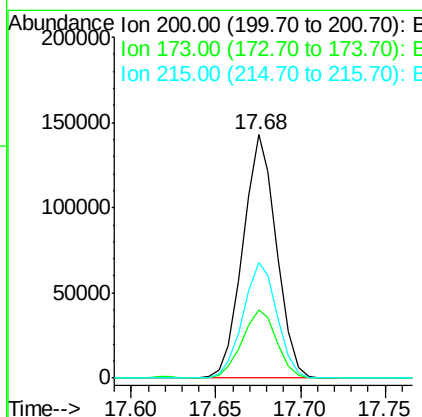
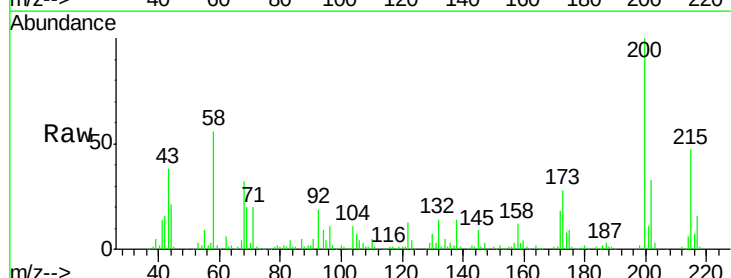
RT: 17.68 min Scan# 2449

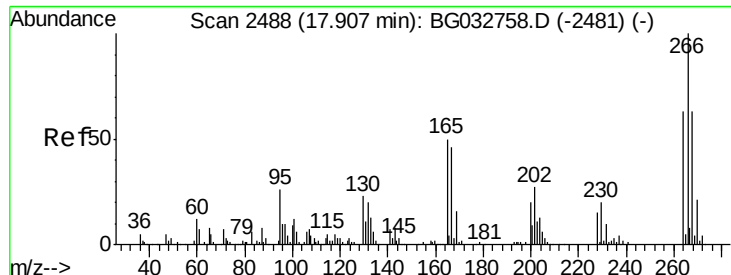
Delta R.T. -0.00 min

Lab File: BG032854.D

Acq: 27 Feb 2018 14:33

Tgt Ion:	200	Resp:	196732
Ion Ratio	Lower	Upper	
200	100		
173	28.3	5.2	45.2
215	47.5	30.4	70.4





#69

Pentachlorophenol

Concen: 80.081 ng

RT: 17.90 min Scan# 2487

Delta R.T. -0.00 min

Lab File: BG032854.D

Acq: 27 Feb 2018 14:33

Instrument :

BNA_G

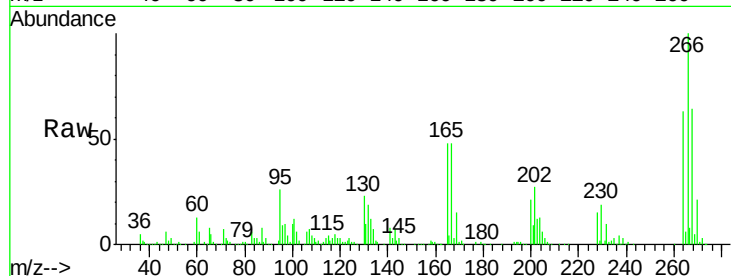
ClientSampleId :

NB-01-022318MSD

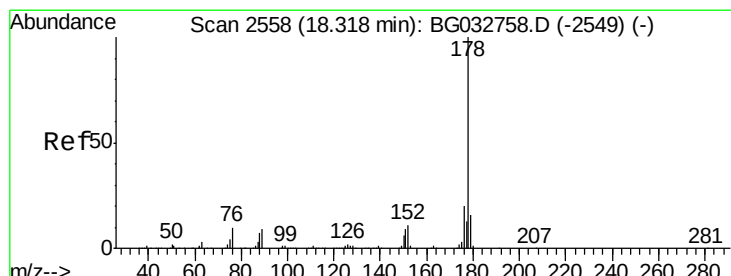
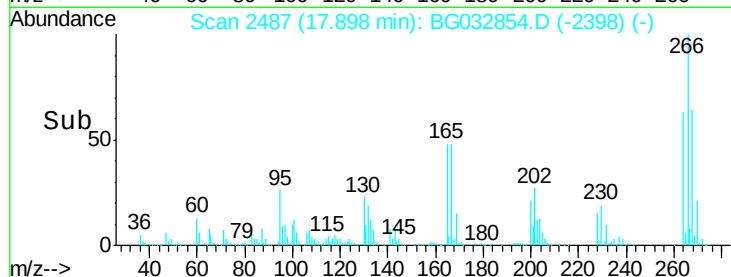
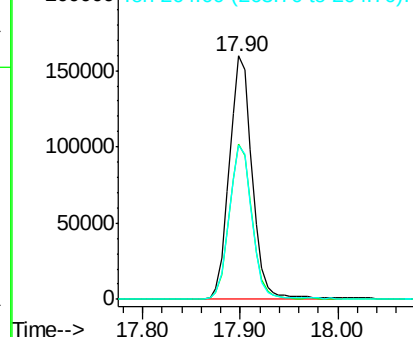
Tot Ion:	266	Resp:	259737
Ion Ratio	Lower	Upper	
266	100		
268	63.6	51.1	76.7
264	63.4	49.6	74.4

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



#70

Phenanthrene

Concen: 40.703 ng

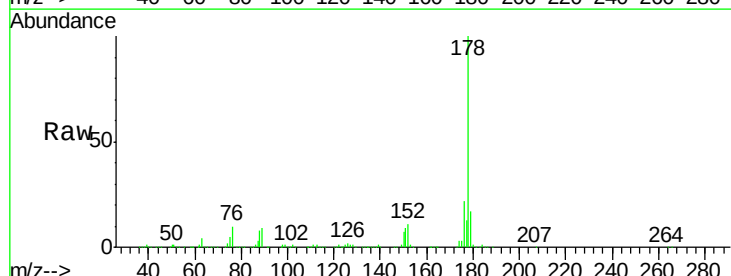
RT: 18.31 min Scan# 2557

Delta R.T. -0.00 min

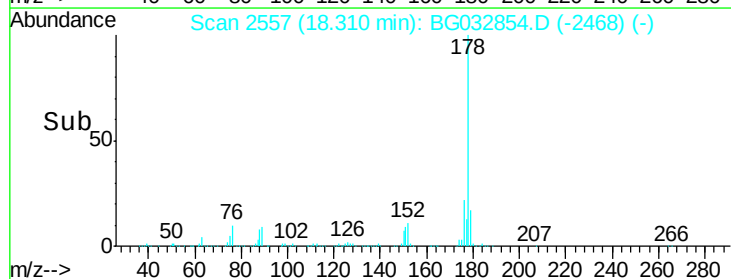
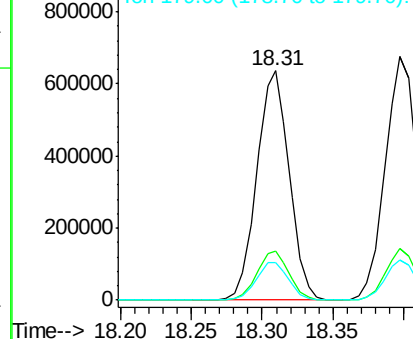
Lab File: BG032854.D

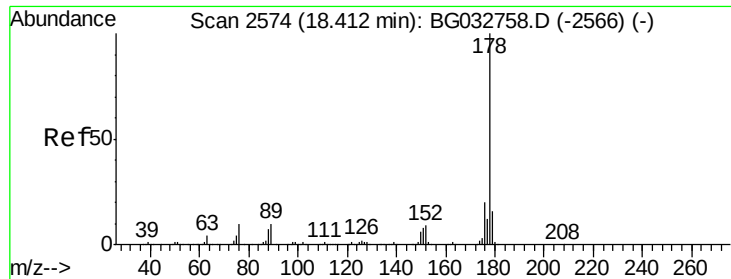
Acq: 27 Feb 2018 14:33

Tgt Ion:	178	Resp:	1023300
Ion Ratio	Lower	Upper	
178	100		
176	21.6	15.7	23.5
179	16.5	12.5	18.7



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





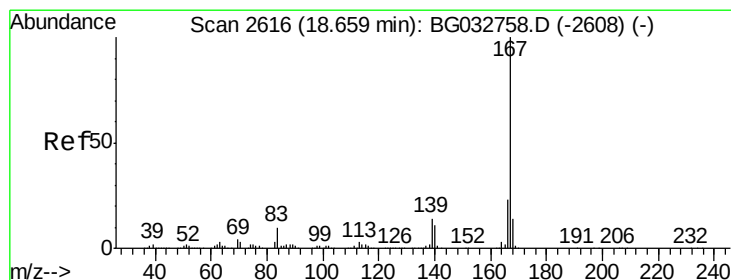
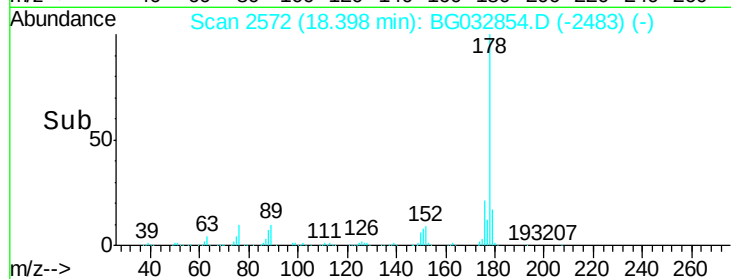
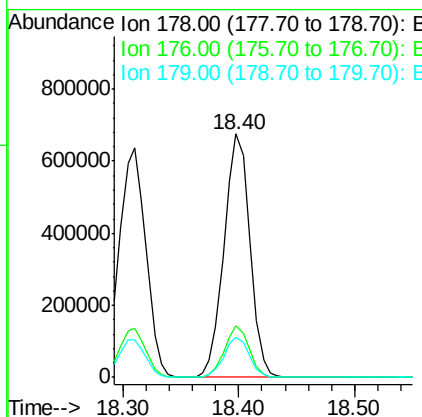
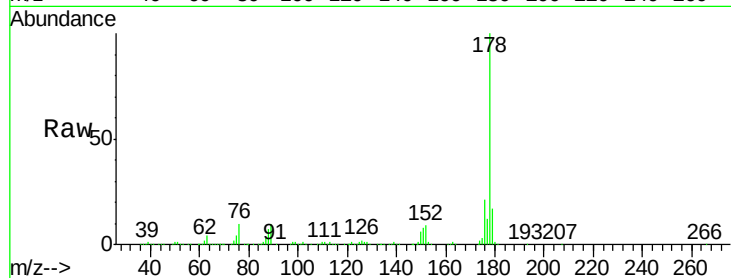
#71
 Anthracene
 Concen: 41.407 ng
 RT: 18.40 min Scan# 2572
 Delta R.T. -0.00 min
 Lab File: BG032854.D
 Acq: 27 Feb 2018 14:33

Instrument :
 BNA_G
 ClientSampleId :
 NB-01-022318MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.0	16.0	24.0
179	16.6	12.5	18.7

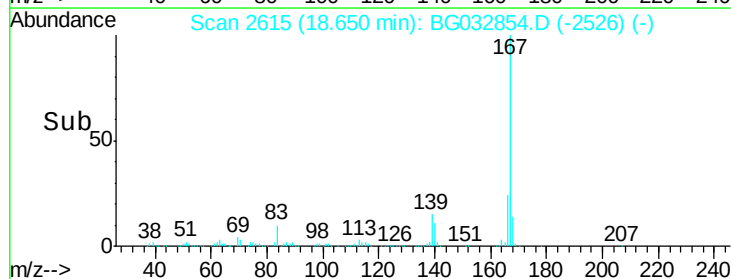
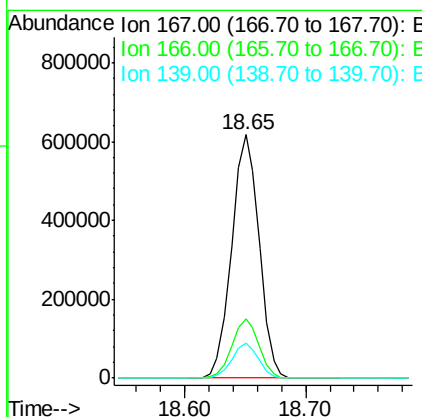
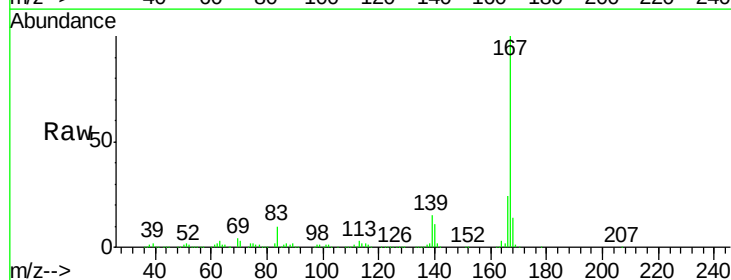
Manual Integrations
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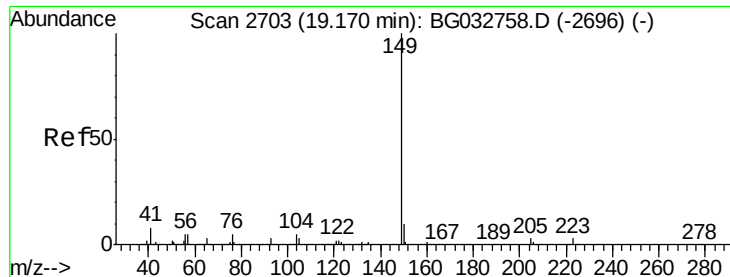
Sohil
 2/28/2018 1:01:30 PM



#72
 Carbazole
 Concen: 39.212 ng
 RT: 18.65 min Scan# 2615
 Delta R.T. -0.00 min
 Lab File: BG032854.D
 Acq: 27 Feb 2018 14:33

Tgt Ion	Ratio	Lower	Upper
167	100		
166	24.1	18.2	27.4
139	14.5	9.4	14.2#





#73

Di-n-butylphthalate

Concen: 40.051 ng

RT: 19.16 min Scan# 2701

Delta R.T. -0.00 min

Lab File: BG032854.D

Acq: 27 Feb 2018 14:33

Instrument :

BNA_G

ClientSampleId :

NB-01-022318MSD

Tot Ion:149 Resp: 1222376

Ion Ratio Lower Upper

149 100

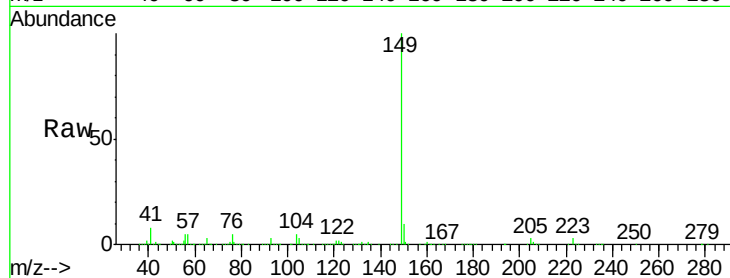
150 10.4 7.8 11.6

104 5.1 3.9 5.9

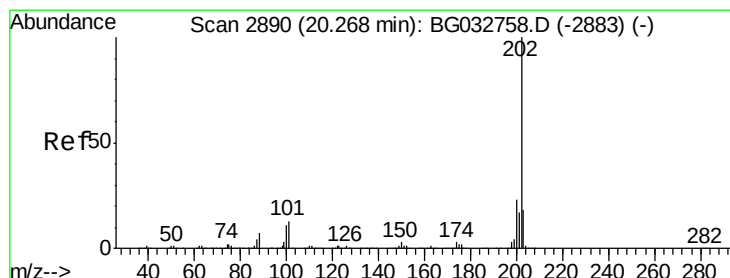
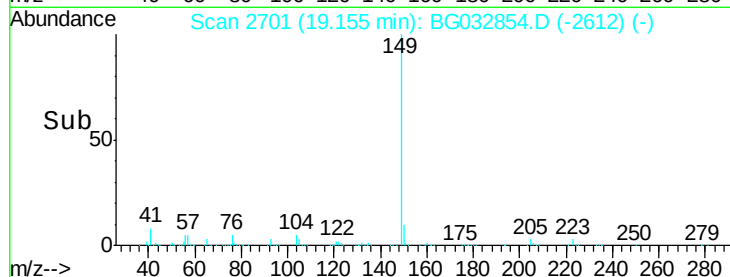
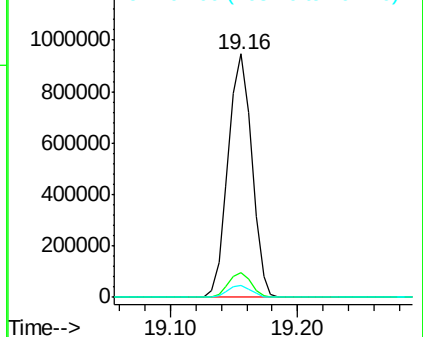
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 40.512 ng

RT: 20.26 min Scan# 2889

Delta R.T. -0.00 min

Lab File: BG032854.D

Acq: 27 Feb 2018 14:33

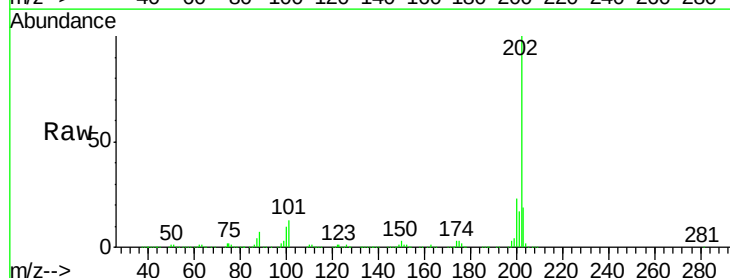
Tgt Ion:202 Resp: 1125071

Ion Ratio Lower Upper

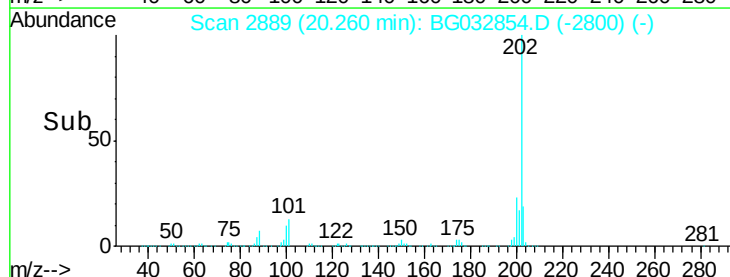
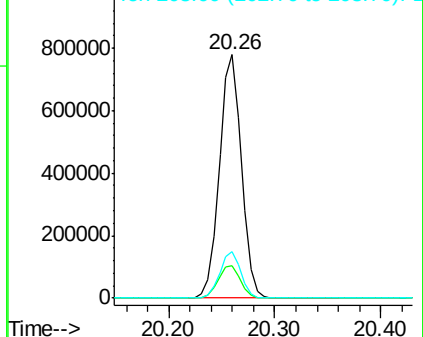
202 100

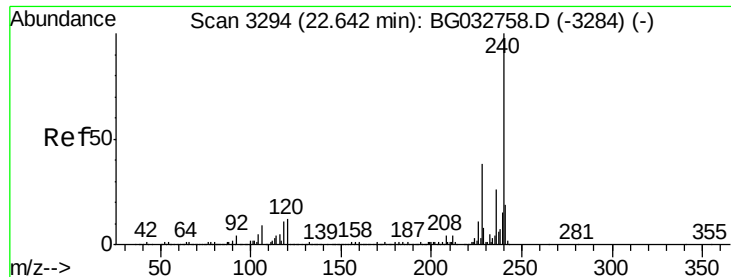
101 13.3 0.0 28.9

203 18.9 0.0 37.5



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





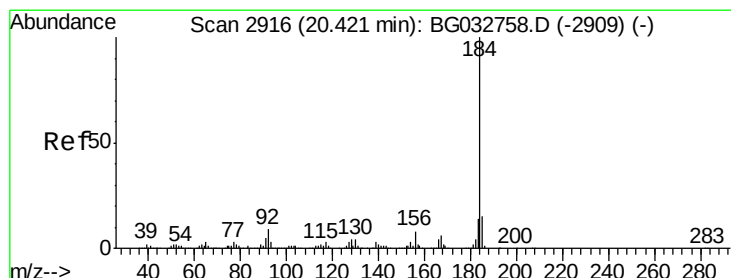
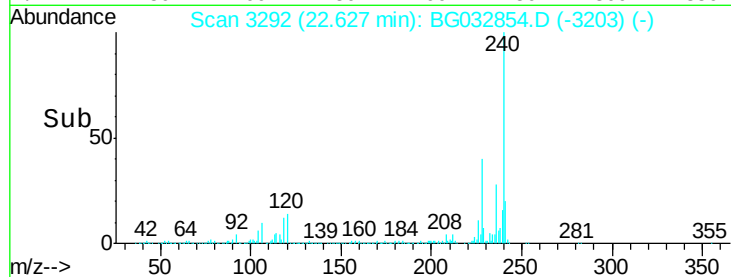
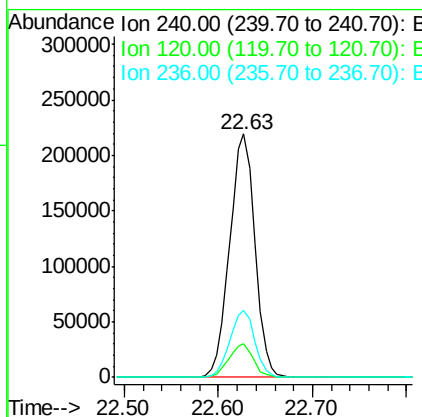
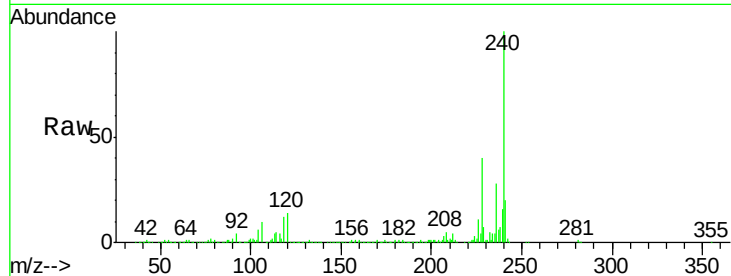
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.63 min Scan# 3292
Delta R.T. -0.00 min
Lab File: BG032854.D
Acq: 27 Feb 2018 14:33

Instrument :
BNA_G
ClientSampleId :
NB-01-022318MSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	13.6	6.8	10.2#
236	27.6	20.9	31.3

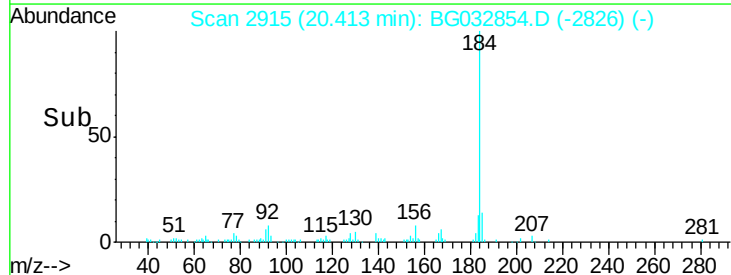
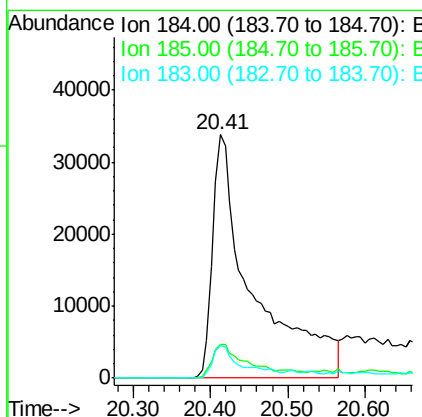
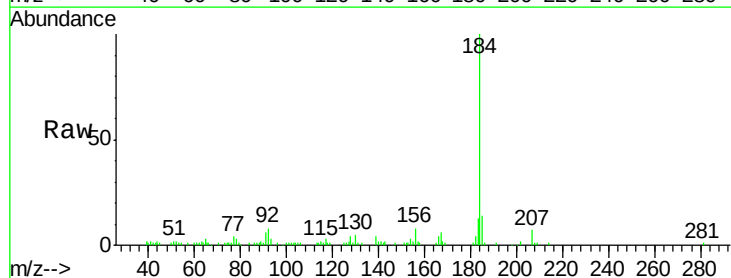
Manual Integrations
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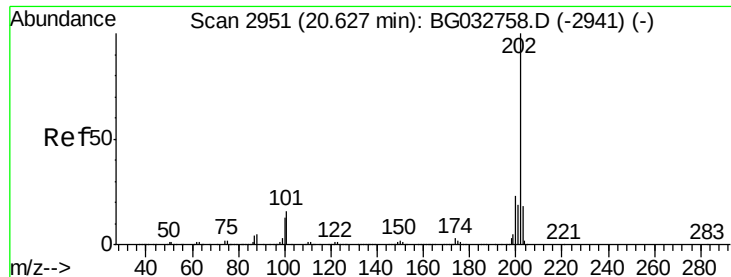
Sohil
2/28/2018 1:01:30 PM



#76
Benzidine
Concen: 8.778 ng
RT: 20.41 min Scan# 2915
Delta R.T. -0.00 min
Lab File: BG032854.D
Acq: 27 Feb 2018 14:33

Tgt Ion	Ratio	Lower	Upper
184	100		
185	13.7	11.1	16.7
183	13.3	10.6	16.0





#77

Pvrene

Concen: 39.203 ng

RT: 20.61 min Scan# 2949

Delta R.T. -0.00 min

Lab File: BG032854.D

Acq: 27 Feb 2018 14:33

Instrument :

BNA_G

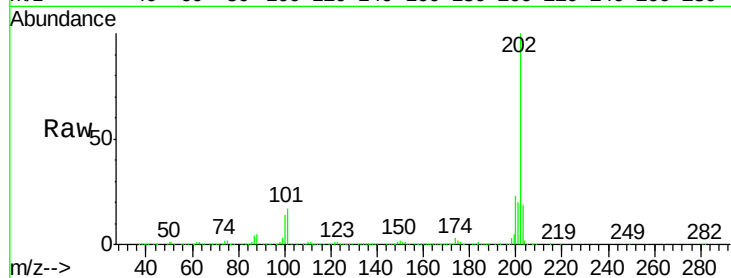
ClientSampleId :

NB-01-022318MSD

Tot Ion:	202	Resp:	1130756
Ion	Ratio	Lower	Upper
202	100		
200	23.1	16.9	25.3
203	19.2	13.9	20.9

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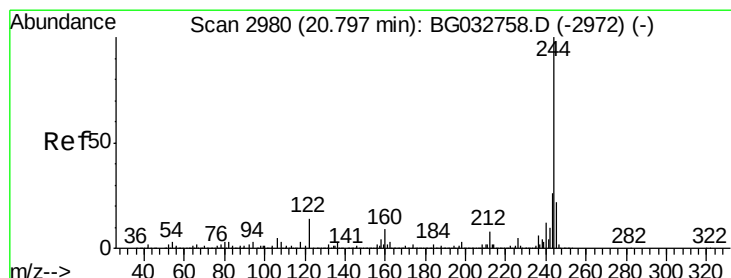
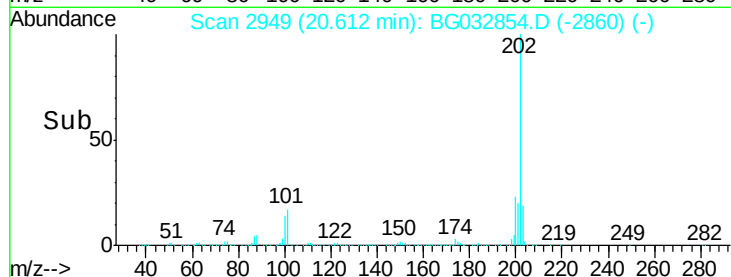
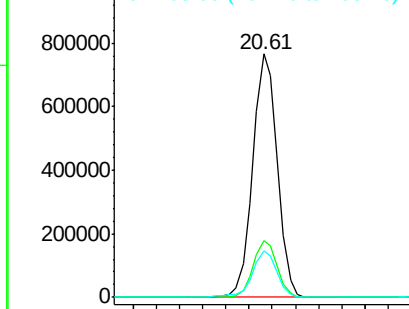


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 83.209 ng

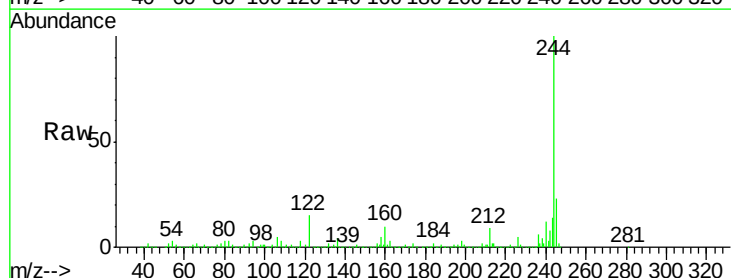
RT: 20.78 min Scan# 2978

Delta R.T. -0.00 min

Lab File: BG032854.D

Acq: 27 Feb 2018 14:33

Tgt Ion:	244	Resp:	1514810
Ion	Ratio	Lower	Upper
244	100		
212	8.6	5.8	8.8
122	14.9	7.0	10.4#

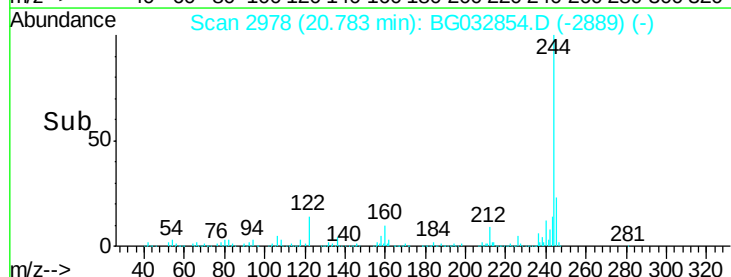
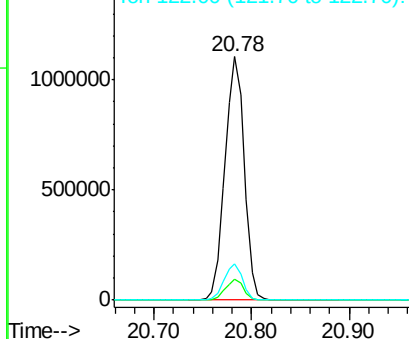


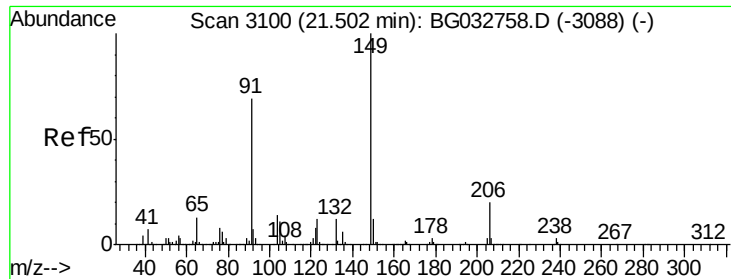
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





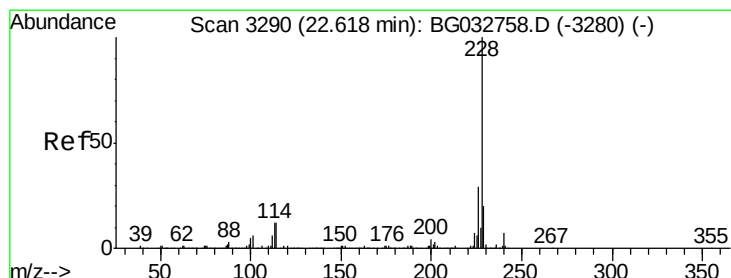
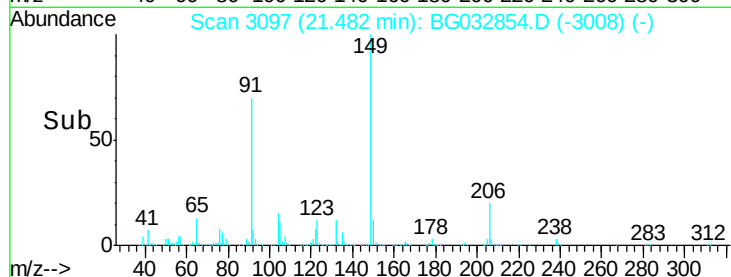
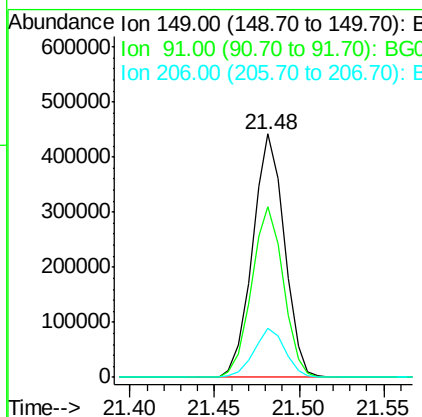
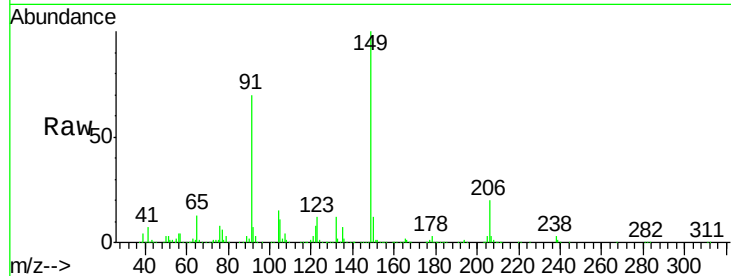
#79
Butylbenzylphthalate
Concen: 45.280 ng
RT: 21.48 min Scan# 3097
Delta R.T. -0.00 min
Lab File: BG032854.D
Acq: 27 Feb 2018 14:33

Instrument :
BNA_G
ClientSampleId :
NB-01-022318MSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	70.1	62.2	93.2
206	20.1	18.6	27.8

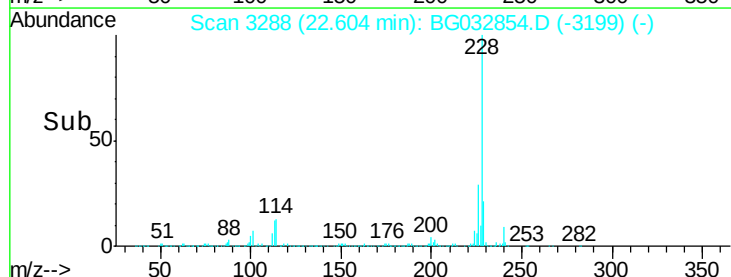
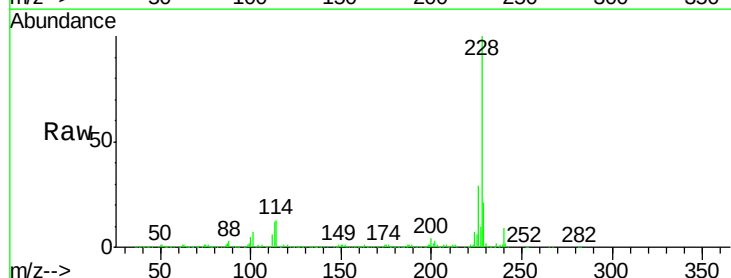
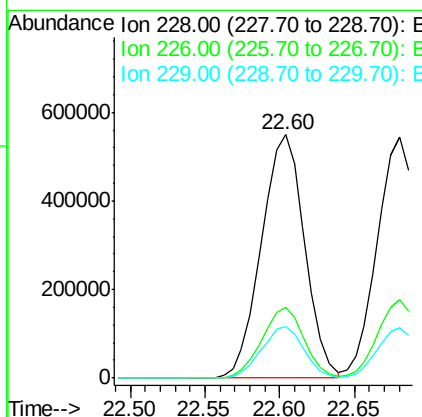
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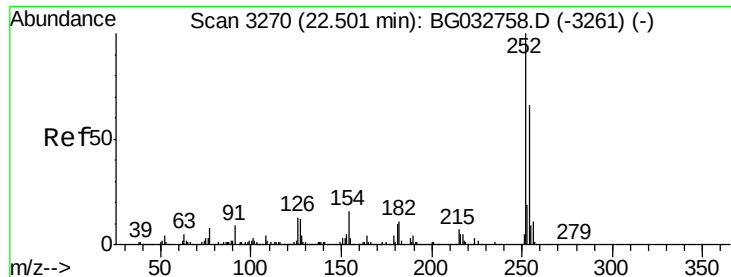
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#80
Benzo(a)anthracene
Concen: 42.010 ng
RT: 22.60 min Scan# 3288
Delta R.T. -0.00 min
Lab File: BG032854.D
Acq: 27 Feb 2018 14:33

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.3	22.7	34.1
229	21.1	16.2	24.2





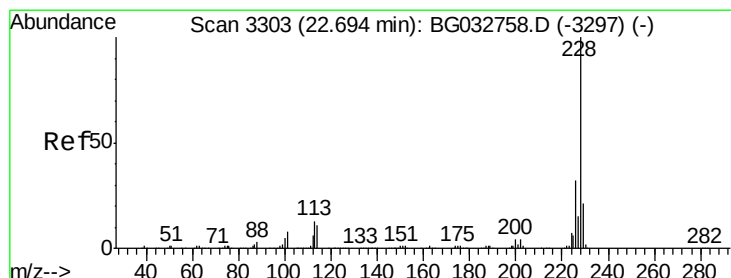
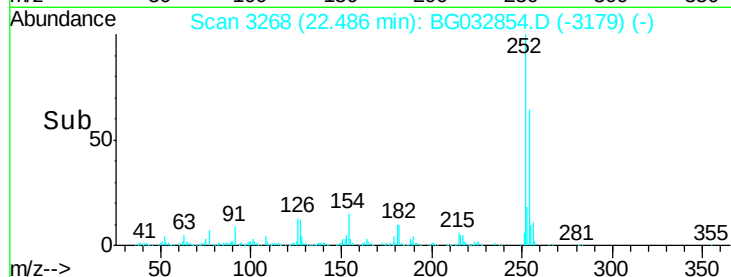
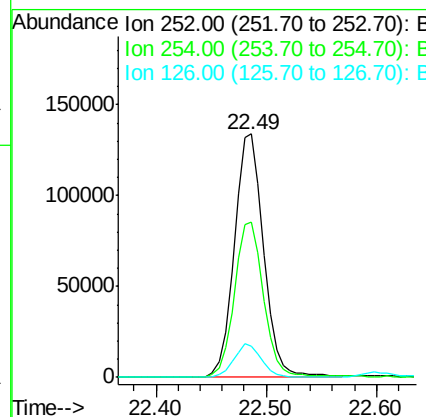
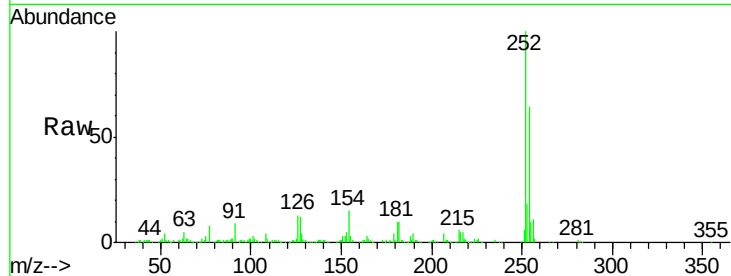
#81
 3,3'-Dichlorobenzidine
 Concen: 25.666 ng
 RT: 22.49 min Scan# 3268
 Delta R.T. -0.00 min
 Lab File: BG032854.D
 Acq: 27 Feb 2018 14:33

Instrument :
 BNA_G
 ClientSampleId :
 NB-01-022318MSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.8	50.8	76.2
126	12.7	7.4	11.2

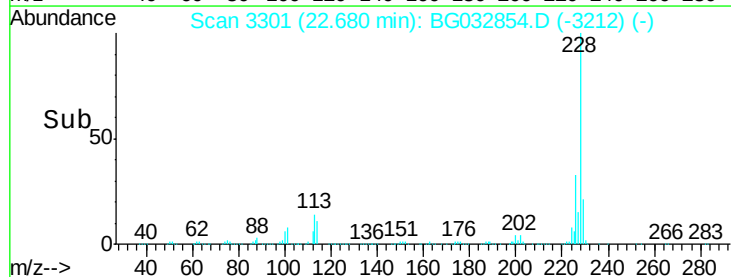
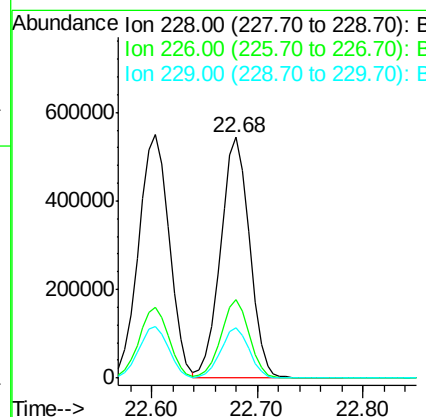
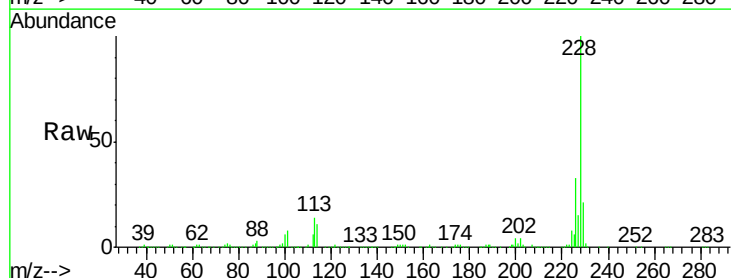
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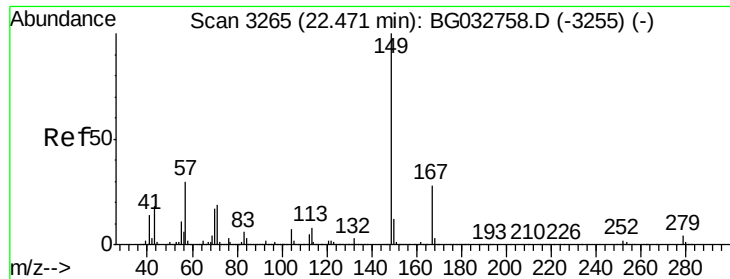
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#82
 Chrysene
 Concen: 41.280 ng
 RT: 22.68 min Scan# 3301
 Delta R.T. -0.00 min
 Lab File: BG032854.D
 Acq: 27 Feb 2018 14:33

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.7	24.9	37.3
229	21.1	15.0	22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.670 ng

RT: 22.44 min Scan# 3260

Delta R.T. -0.01 min

Lab File: BG032854.D

Acq: 27 Feb 2018 14:33

Instrument :

BNA_G

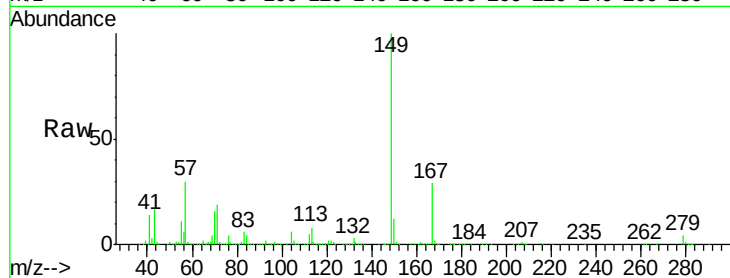
ClientSampleId :

NB-01-022318MSD

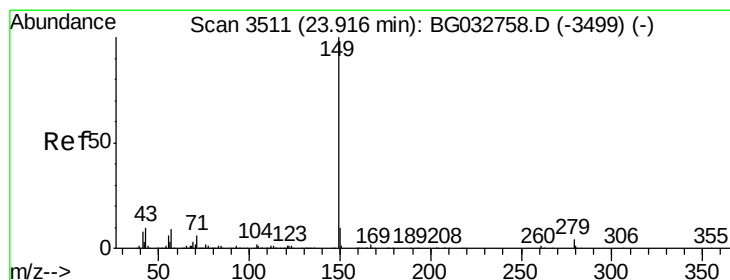
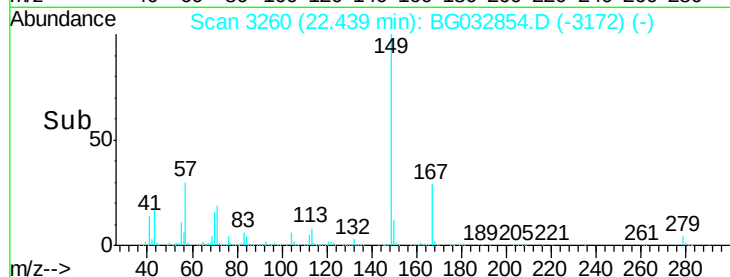
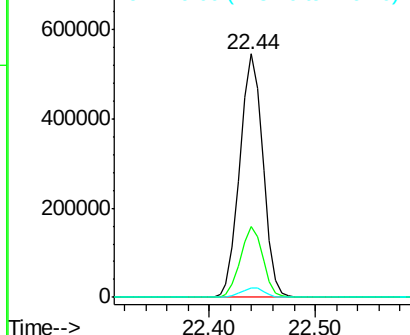
Tot Ion:	149	Resp:	826670
Ion Ratio	Lower	Upper	
149	100		
167	28.9	24.3	36.5
279	3.9	4.0	6.0#

Manual Integrations
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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: 49.295 ng

RT: 23.87 min Scan# 3503

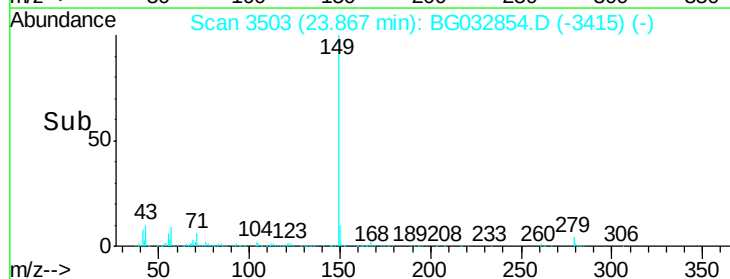
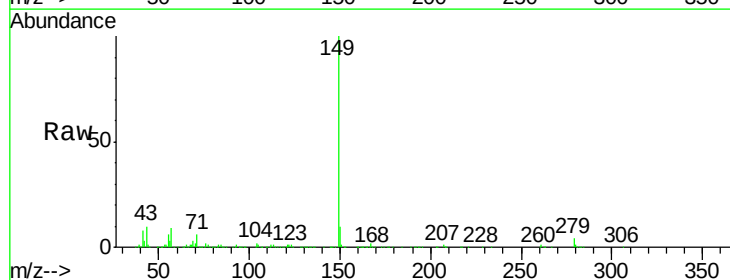
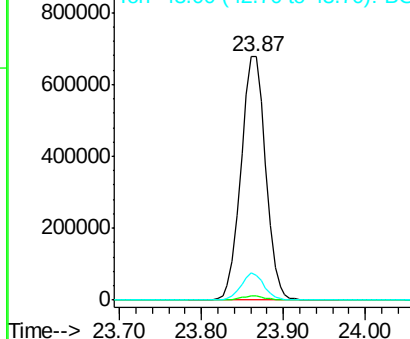
Delta R.T. -0.01 min

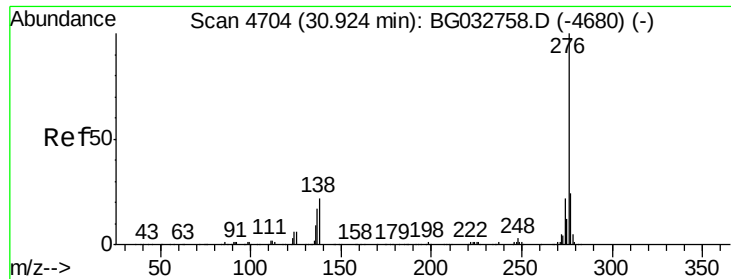
Lab File: BG032854.D

Acq: 27 Feb 2018 14:33

Tgt Ion:	149	Resp:	1422334
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.4	2.0
43	10.3	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





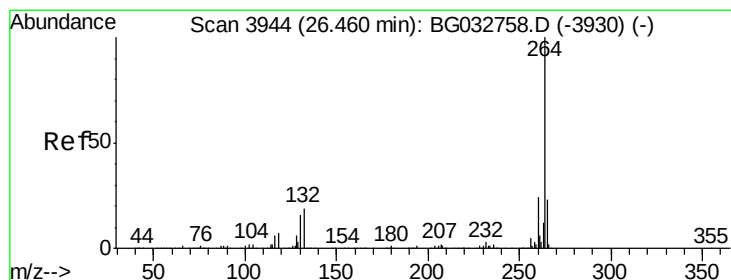
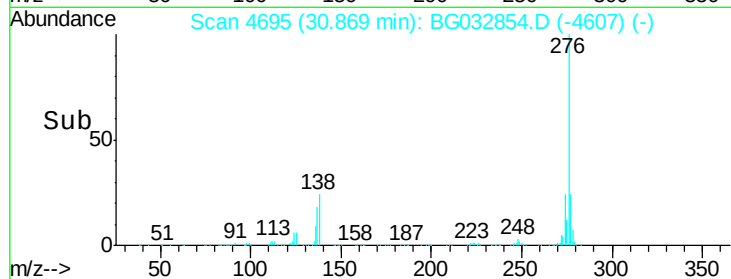
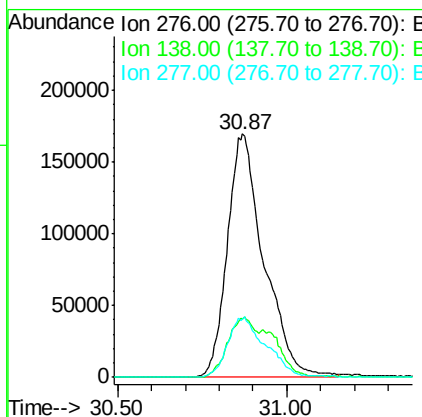
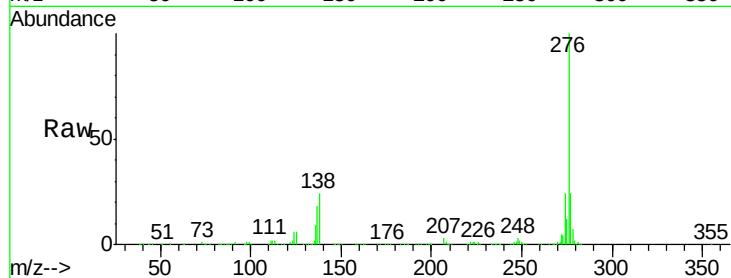
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.499 ng
 RT: 30.87 min Scan# 4695
 Delta R.T. -0.01 min
 Lab File: BG032854.D
 Acq: 27 Feb 2018 14:33

Instrument :
 BNA_G
 ClientSampleId :
 NB-01-022318MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.5	16.0	24.0
277	26.1	20.0	30.0

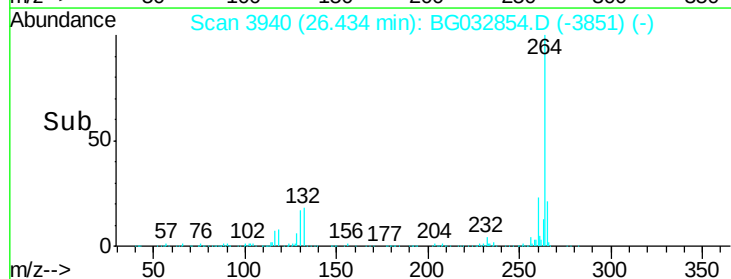
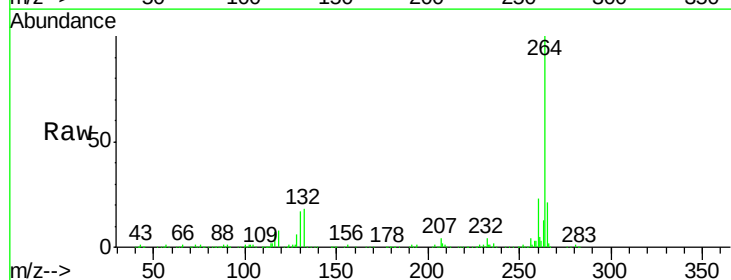
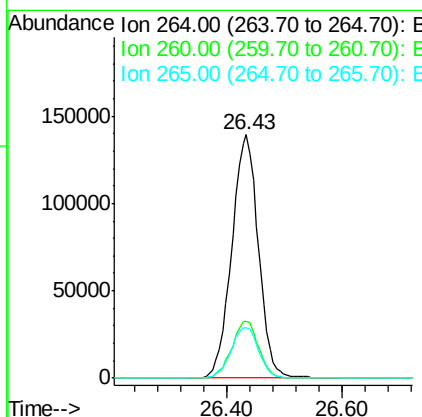
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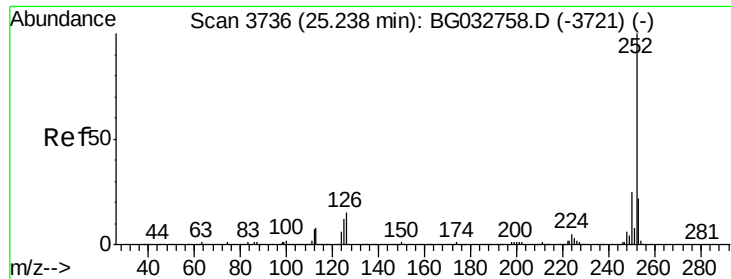
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.43 min Scan# 3940
 Delta R.T. -0.00 min
 Lab File: BG032854.D
 Acq: 27 Feb 2018 14:33

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	17.4	26.0
265	20.7	17.7	26.5





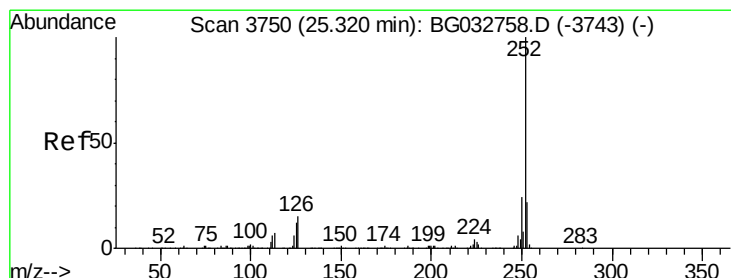
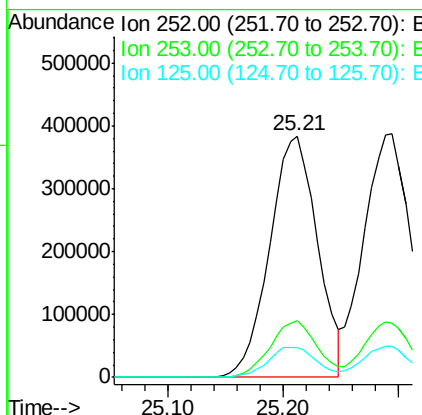
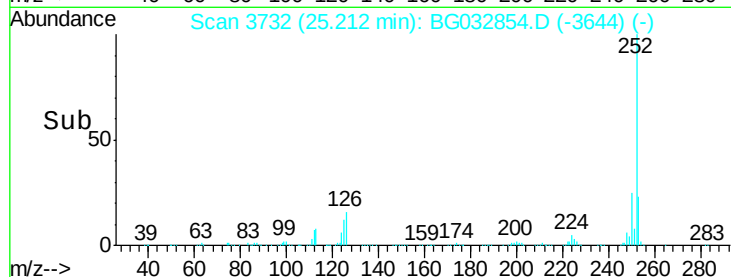
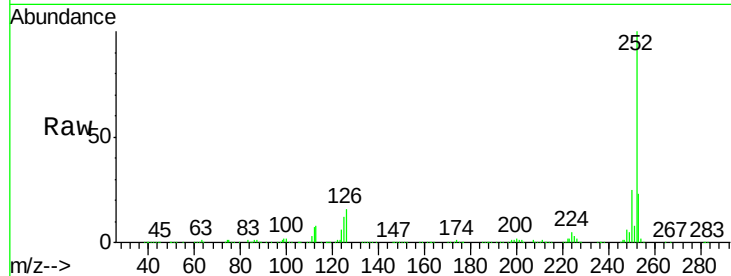
#87
Benzo(b)fluoranthene
Concen: 42.168 ng
RT: 25.21 min Scan# 3732
Delta R.T. -0.01 min
Lab File: BG032854.D
Acq: 27 Feb 2018 14:33

Instrument :
BNA_G
ClientSampleId :
NB-01-022318MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.2	27.4
125	12.5	7.2	10.8

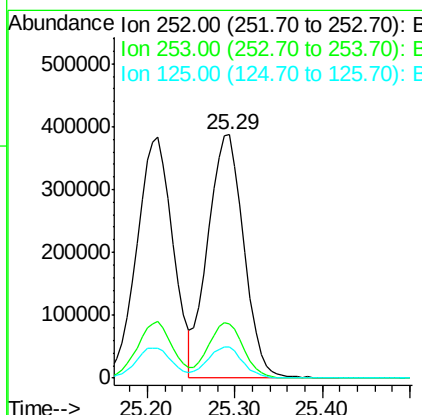
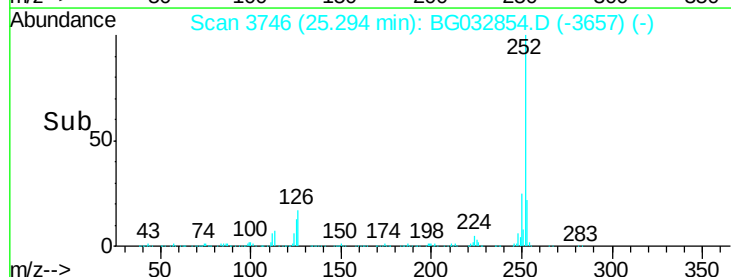
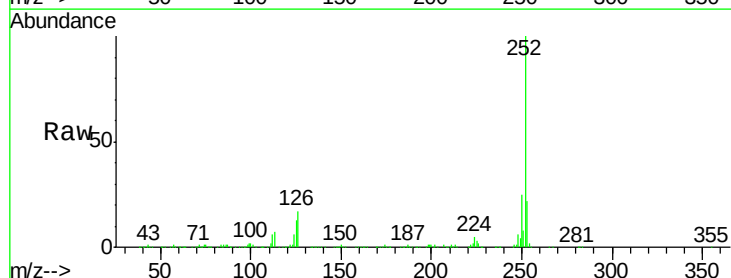
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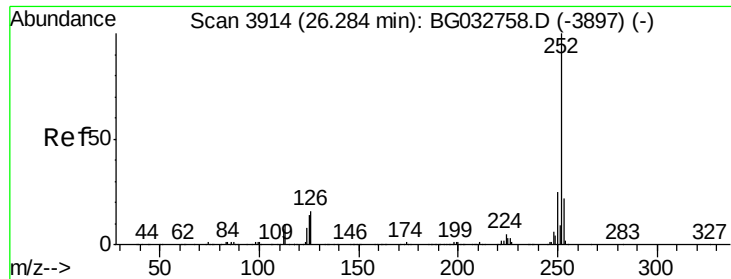
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#88
Benzo(k)fluoranthene
Concen: 42.171 ng
RT: 25.29 min Scan# 3746
Delta R.T. -0.00 min
Lab File: BG032854.D
Acq: 27 Feb 2018 14:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.2
125	12.8	6.6	9.8





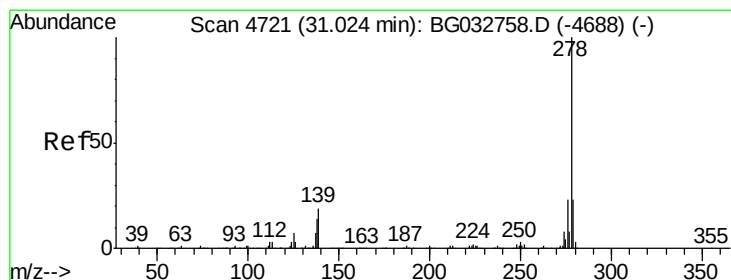
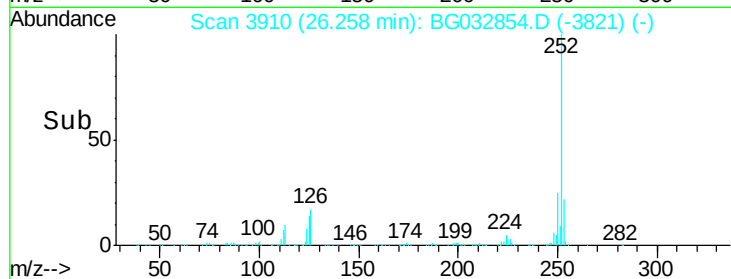
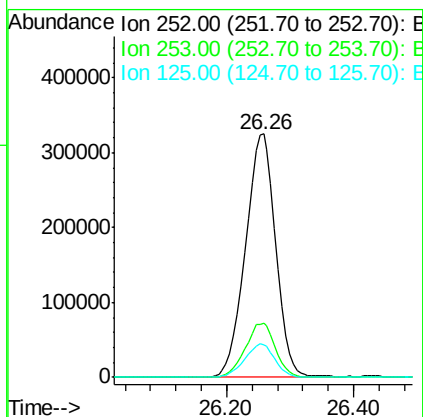
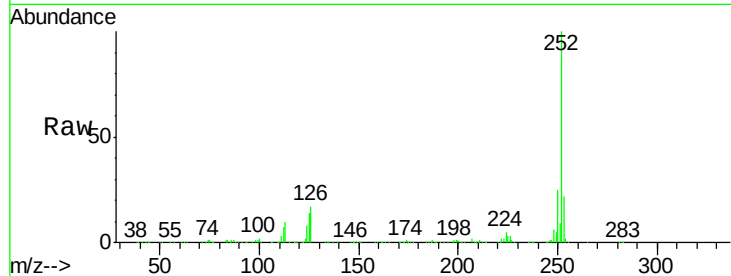
#89
Benzo(a)pyrene
Concen: 43.321 ng
RT: 26.26 min Scan# 3910
Delta R.T. -0.00 min
Lab File: BG032854.D
Acq: 27 Feb 2018 14:33

Instrument :
BNA_G
ClientSampleId :
NB-01-022318MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.3	27.5
125	13.6	7.3	10.9#

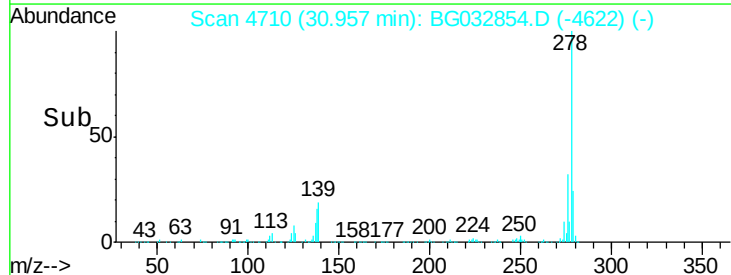
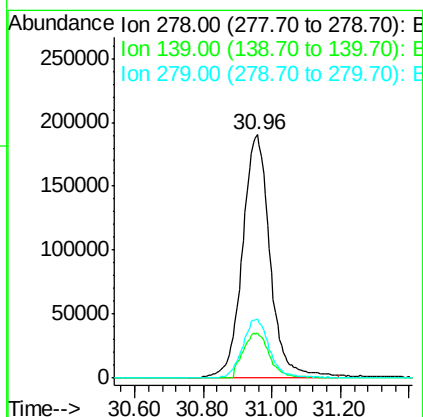
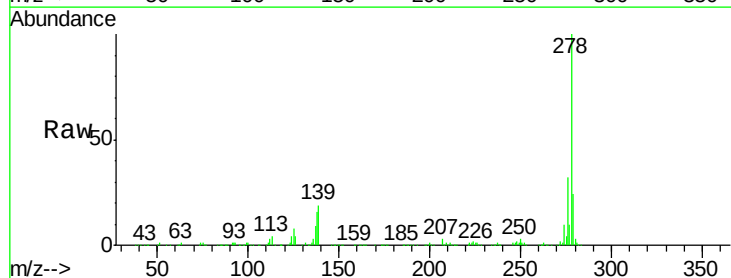
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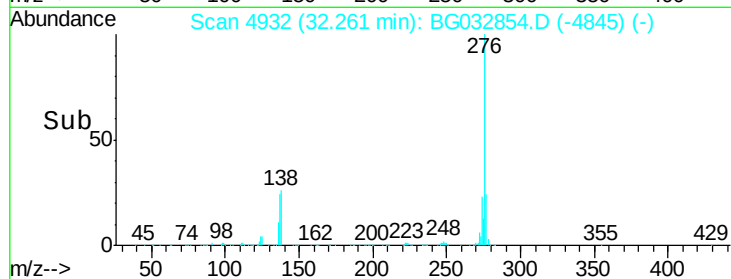
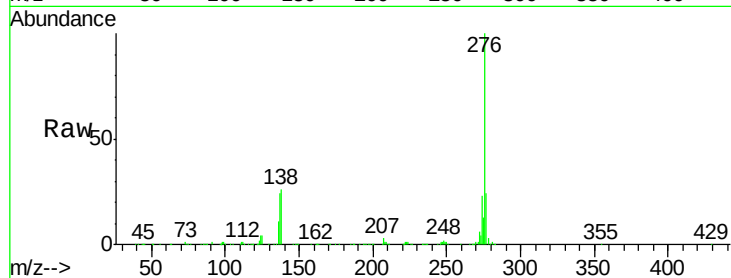
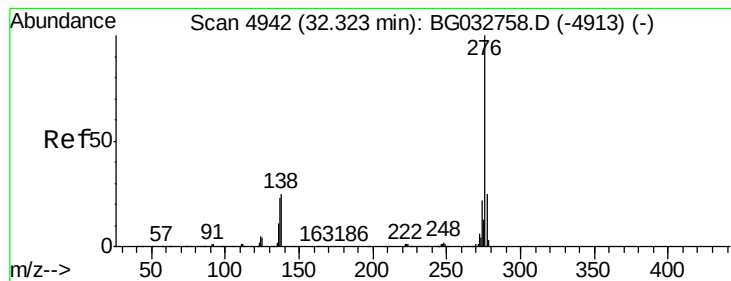
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#90
Dibenzo(a,h)anthracene
Concen: 42.624 ng
RT: 30.96 min Scan# 4710
Delta R.T. -0.01 min
Lab File: BG032854.D
Acq: 27 Feb 2018 14:33

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.5	9.8	14.6#
279	24.2	18.4	27.6





#91

Benzo(a,h,i)perylene

Concen: 42.242 ng

RT: 32.26 min Scan# 4932

Delta R.T. -0.02 min

Lab File: BG032854.D

Acq: 27 Feb 2018 14:33

Instrument :

BNA_G

ClientSampleId :

NB-01-022318MSD

Tot Ion: 276 Resp: 1043082

Ion Ratio Lower Upper

276 100

277 23.7 18.3 27.5

138 26.4 13.9 20.9#

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