

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012518\
 Data File : BG032312.D
 Acq On : 26 Jan 2018 2:48
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

Sohil
 1/26/2018 4:04:01 PM

Quant Time: Jan 26 03:54:26 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 24 14:02:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.72	152	34169	20.00	ng	0.00
21) Naphthalene-d8	11.60	136	148720	20.00	ng	0.00
38) Acenaphthene-d10	15.36	164	113136	20.00	ng	0.00
63) Phenanthrene-d10	18.09	188	290489	20.00	ng	0.00
75) Chrysene-d12	22.42	240	352060	20.00	ng	0.00
86) Perylene-d12	26.10	264	383356	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.15	112	133599	71.51	ng	0.00
7) Phenol-d6	7.83	99	193062	82.05	ng	0.00
23) Nitrobenzene-d5	9.92	82	197990	90.07	ng	0.00
41) 2,4,6-Tribromophenol	16.83	330	164842	88.05	ng	0.00
44) 2-Fluorobiphenyl	13.99	172	756035	82.86	ng	0.00
78) Terphenyl-d14	20.63	244	1249635	78.37	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.82	88	20604	28.707	ng	# 77
3) Pyridine	4.26	79	62758	32.757	ng	# 83
4) n-Nitrosodimethylamine	4.17	42	32144	47.758	ng	# 74
6) Aniline	8.02	93	120150	40.484	ng	# 97
8) 2-Chlorophenol	8.27	128	83853	40.110	ng	# 80
9) Benzaldehyde	7.82	77	58210	42.698	ng	# 86
10) Phenol	7.86	94	92022	39.702	ng	# 94
11) bis(2-Chloroethyl)ether	8.11	93	68512	36.895	ng	# 83
12) 1,3-Dichlorobenzene	8.60	146	107787m	39.394	ng	# 94
13) 1,4-Dichlorobenzene	8.76	146	107631	39.069	ng	# 95
14) 1,2-Dichlorobenzene	9.09	146	104409	39.184	ng	# 95
15) Benzyl Alcohol	8.96	79	81256	47.537	ng	# 95
16) 2,2'-oxybis(1-Chloropropan	9.25	45	68478	36.286	ng	# 76
17) 2-Methylphenol	9.16	107	72954	41.186	ng	# 88
18) Hexachloroethane	9.84	117	34657	40.933	ng	# 75
19) n-Nitroso-di-n-propylamine	9.53	70	64789	44.379	ng	# 94
20) 3+4-Methylphenols	9.50	107	104621	42.635	ng	# 95
22) Acetophenone	9.56	105	143966	42.617	ng	# 92
24) Nitrobenzene	9.97	77	98835	45.075	ng	# 87
25) Isophorone	10.48	82	179170	43.773	ng	# 85
26) 2-Nitrophenol	10.69	139	60699	46.719	ng	# 82
27) 2,4-Dimethylphenol	10.73	122	84447	40.959	ng	# 95
28) bis(2-Chloroethoxy)methane	10.97	93	99087	40.179	ng	# 90
29) 2,4-Dichlorophenol	11.23	162	113448	44.718	ng	# 89
30) 1,2,4-Trichlorobenzene	11.45	180	143916	43.925	ng	# 95
31) Naphthalene	11.65	128	302553	41.067	ng	# 99
32) Benzoic acid	10.83	122	39457	26.500	ng	# 82
33) 4-Chloroaniline	11.75	127	137881	43.644	ng	# 93
34) Hexachlorobutadiene	11.92	225	110845	47.103	ng	# 95
35) Caprolactam	12.51	113	34728	45.122	ng	# 49
36) 4-Chloro-3-methylphenol	12.82	107	110352	47.522	ng	# 87
37) 2-Methylnaphthalene	13.22	142	256112	43.787	ng	# 94
39) 1,2,4,5-Tetrachlorobenzene	13.58	216	215548	43.708	ng	# 95
40) Hexachlorocyclopentadiene	13.55	237	152916	55.052	ng	# 92

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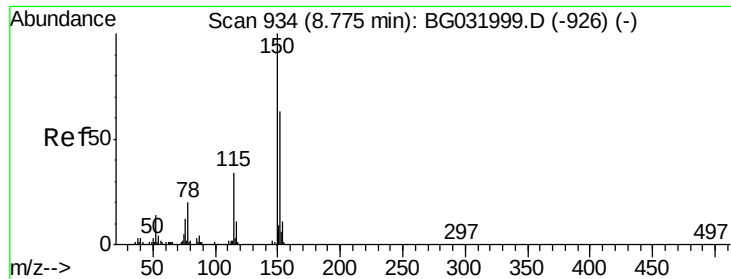
Manual Integrations
 APPROVED

Sohil
 1/26/2018 4:04:01 PM

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 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 24 14:02:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	
42) 2,4,6-Trichlorophenol	13.80	196	120426	43.460	ng		98
43) 2,4,5-Trichlorophenol	13.87	196	143747	44.818	ng	#	91
45) 1,1'-Biphenyl	14.20	154	390296	40.241	ng		93
46) 2-Chloronaphthalene	14.25	162	304422	40.347	ng		96
47) 2-Nitroaniline	14.44	65	71762	49.682	ng	#	81
48) Acenaphthylene	15.09	152	463527	40.343	ng		99
49) Dimethylphthalate	14.79	163	417484	42.169	ng		98
50) 2,6-Dinitrotoluene	14.91	165	90208	43.898	ng	#	76
51) Acenaphthene	15.42	154	304643	40.098	ng		99
52) 3-Nitroaniline	15.25	138	79508	42.838	ng	#	74
53) 2,4-Dinitrophenol	15.45	184	21180	25.722	ng	#	86
54) Dibenzofuran	15.75	168	472777	41.715	ng		99
55) 4-Nitrophenol	15.53	139	68062	50.319	ng	#	79
56) 2,4-Dinitrotoluene	15.70	165	127055	45.924	ng	#	68
57) Fluorene	16.40	166	384424	41.357	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.97	232	136525	46.013	ng	#	85
59) Diethylphthalate	16.13	149	407609	42.469	ng		98
60) 4-Chlorophenyl-phenylether	16.37	204	250090	43.860	ng		95
61) 4-Nitroaniline	16.40	138	82643	46.418	ng		85
62) Azobenzene	16.67	77	250088	41.630	ng		86
64) 4,6-Dinitro-2-methylphenol	16.45	198	59486	33.622	ng	#	71
65) n-Nitrosodiphenylamine	16.58	169	354681	40.238	ng		99
66) 4-Bromophenyl-phenylether	17.27	248	177055	42.838	ng		95
67) Hexachlorobenzene	17.39	284	188953	41.322	ng	#	91
68) Atrazine	17.51	200	152148	41.044	ng		95
69) Pentachlorophenol	17.73	266	102557	35.089	ng		96
70) Phenanthrene	18.13	178	645928	39.938	ng		99
71) Anthracene	18.22	178	653282	40.498	ng		99
72) Carbazole	18.48	167	566056	40.451	ng		98
73) Di-n-butylphthalate	18.99	149	637868	38.576	ng		99
74) Fluoranthene	20.10	202	829840	40.980	ng		94
76) Benzidine	20.26	184	284876	32.359	ng		97
77) Pyrene	20.46	202	845438	38.200	ng		99
79) Butylbenzylphthalate	21.31	149	291103	36.711	ng	#	75
80) Benzo(a)anthracene	22.40	228	899783	41.096	ng		99
81) 3,3'-Dichlorobenzidine	22.29	252	356035	43.530	ng	#	95
82) Chrysene	22.47	228	858862	40.846	ng		99
83) Bis(2-ethylhexyl)phthalate	22.24	149	418785	36.015	ng	#	97
84) Di-n-octyl phthalate	23.61	149	672246	36.401	ng	#	89
85) Indeno(1,2,3-cd)pyrene	30.36	276	1106289	42.992	ng	#	86
87) Benzo(b)fluoranthene	24.91	252	942483	40.674	ng	#	96
88) Benzo(k)fluoranthene	25.00	252	936101	41.342	ng	#	96
89) Benzo(a)pyrene	25.93	252	902651	41.180	ng	#	95
90) Dibenzo(a,h)anthracene	30.43	278	929753	44.017	ng	#	94
91) Benzo(g,h,i)perylene	31.71	276	915639	42.412	ng	#	91

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



#1

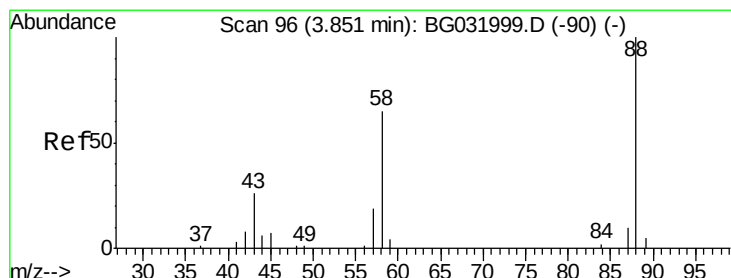
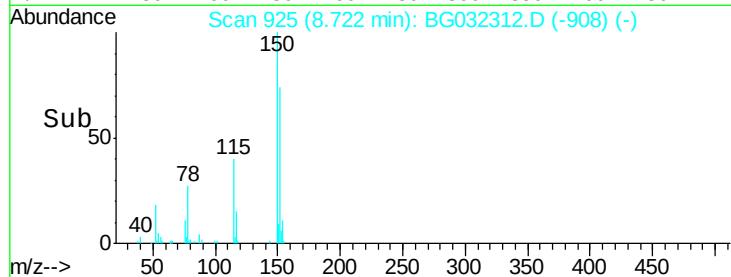
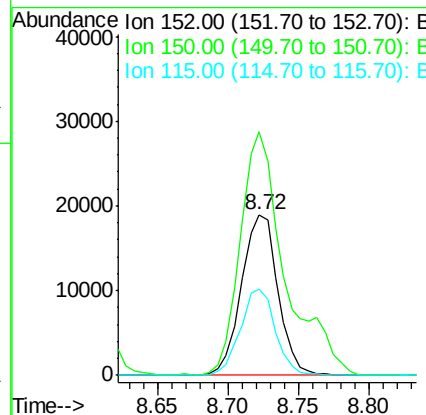
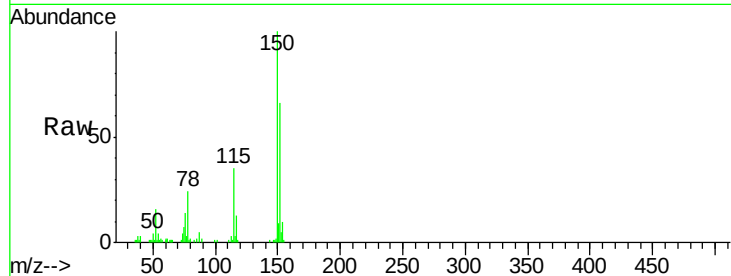
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.72 min Scan# 925
Delta R.T. -0.00 min
Lab File: BG032312.D
Acq: 26 Jan 2018 2:48

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.3	126.6	189.8
115	53.6	53.0	79.4

Manual Integrations
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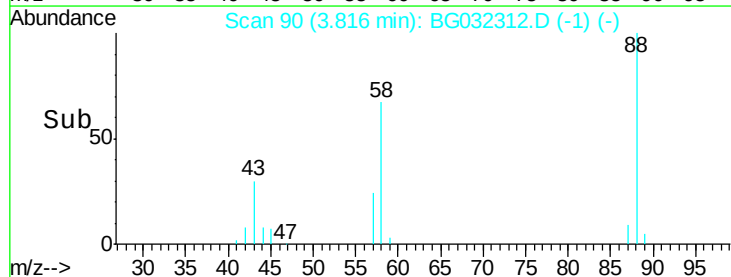
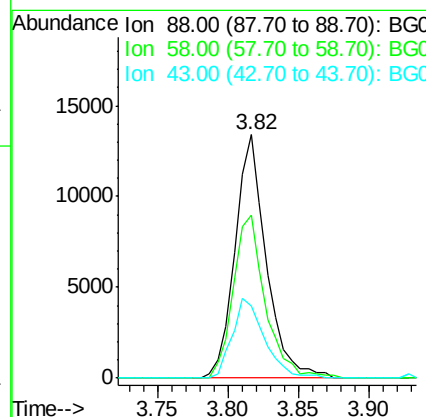
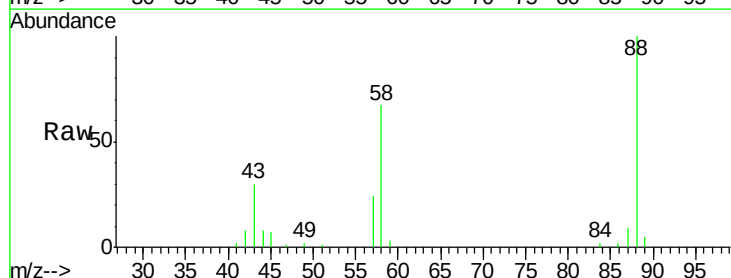
Sohil
1/26/2018 4:04:01 PM

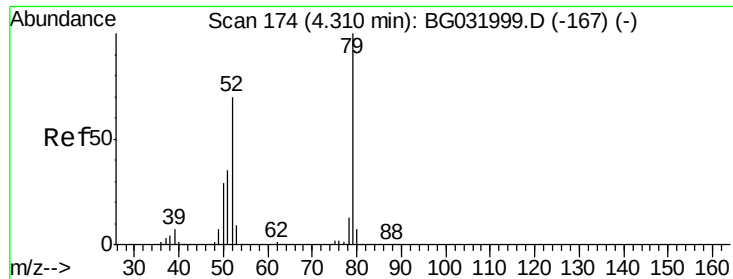


#2

1,4-Dioxane
Concen: 28.707 ng
RT: 3.82 min Scan# 90
Delta R.T. -0.01 min
Lab File: BG032312.D
Acq: 26 Jan 2018 2:48

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.9	79.6	119.4#
43	34.2	27.4	41.0





#3

Pvridine

Concen: 32.757 ng

RT: 4.26 min Scan# 166

Delta R.T. -0.01 min

Lab File: BG032312.D

Acq: 26 Jan 2018 2:48

Instrument :

BNA_G

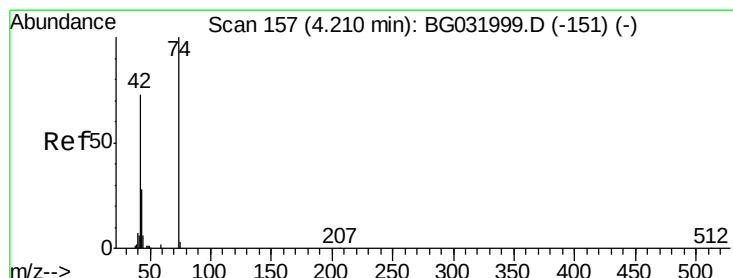
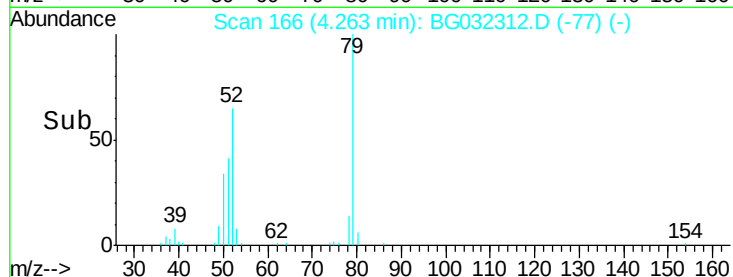
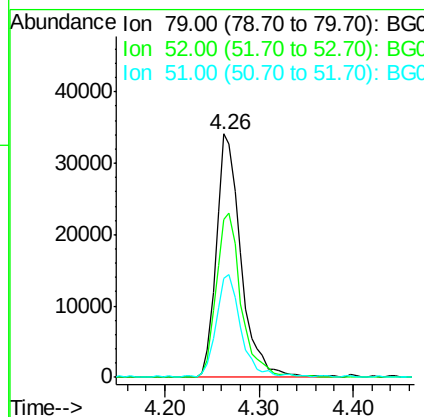
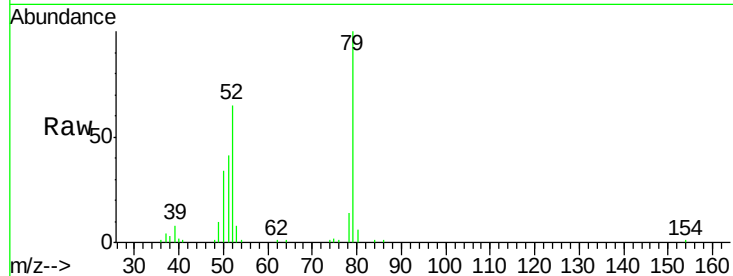
ClientSampleId :

SSTDCCC040EC

Tot Ion:	79	Resp:	62758
Ion	Ratio	Lower	Upper
79	100		
52	64.9	69.9	104.9#
51	40.7	34.0	51.0

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 47.758 ng

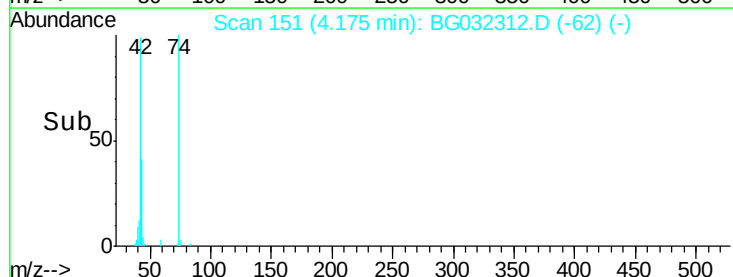
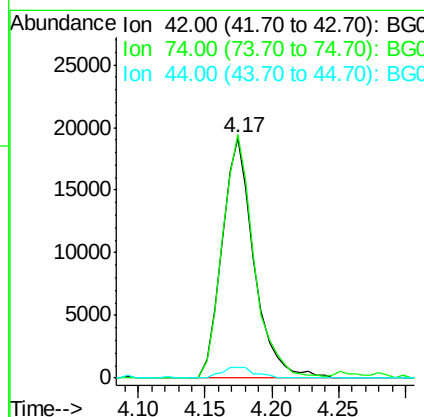
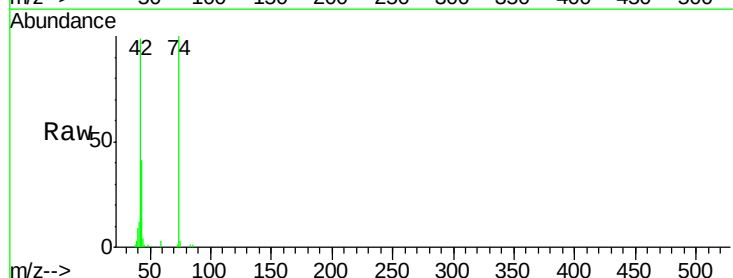
RT: 4.17 min Scan# 151

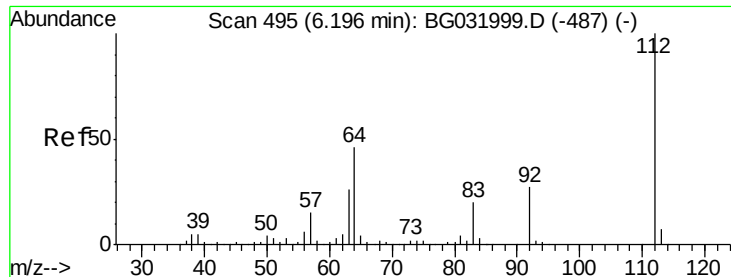
Delta R.T. -0.01 min

Lab File: BG032312.D

Acq: 26 Jan 2018 2:48

Tgt Ion:	42	Resp:	32144
Ion	Ratio	Lower	Upper
42	100		
74	101.4	102.5	153.7#
44	4.5	18.9	28.3#





#5

2-Fluorophenol

Concen: 71.510 ng

RT: 6.15 min Scan# 487

Delta R.T. -0.01 min

Lab File: BG032312.D

Acq: 26 Jan 2018 2:48

Instrument :

BNA_G

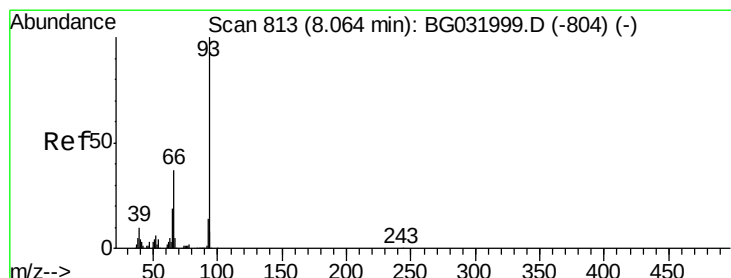
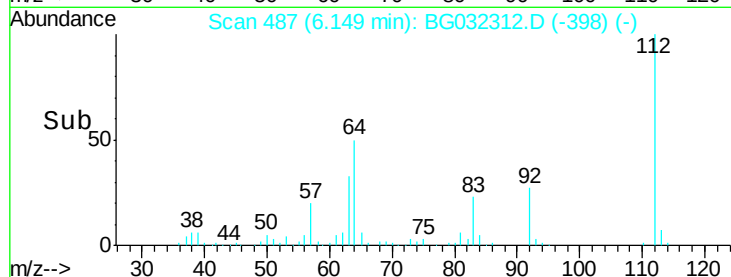
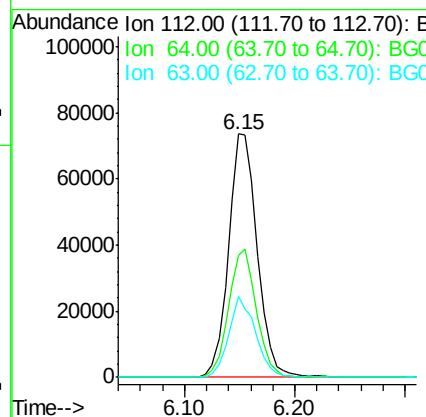
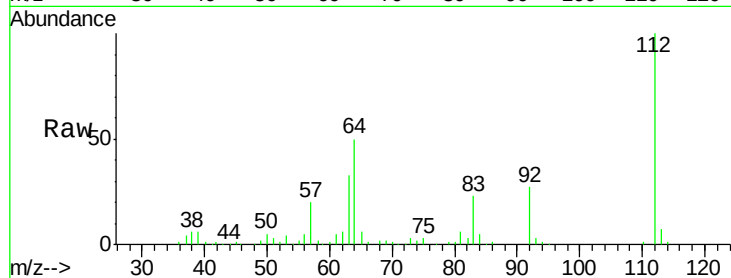
ClientSampleId :

SSTDCCC040EC

Tot Ion:	112	Resp:	133599
Ion Ratio	Lower	Upper	
112	100		
64	50.1	56.3	84.5#
63	33.2	30.1	45.1

Manual Integrations
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#6

Aniline

Concen: 40.484 ng

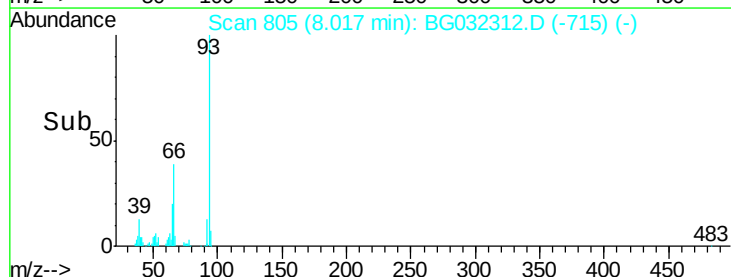
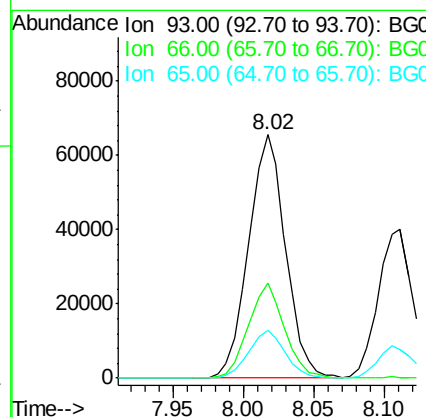
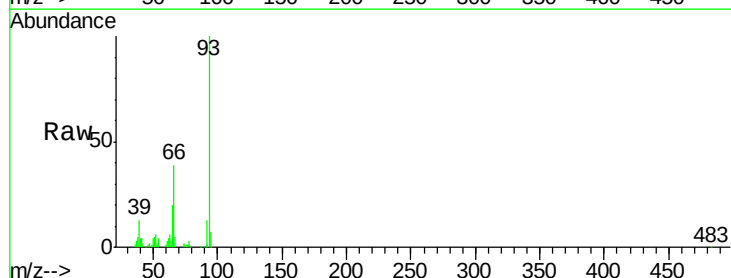
RT: 8.02 min Scan# 805

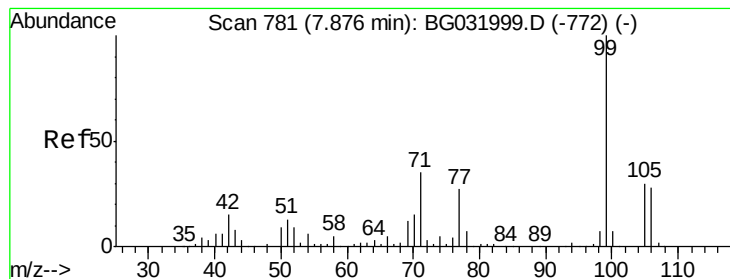
Delta R.T. -0.00 min

Lab File: BG032312.D

Acq: 26 Jan 2018 2:48

Tgt Ion:	93	Resp:	120150
Ion Ratio	Lower	Upper	
93	100		
66	39.3	33.7	50.5
65	19.7	16.1	24.1





#7

Phenol-d6

Concen: 82.051 ng

RT: 7.83 min Scan# 774

Delta R.T. -0.00 min

Lab File: BG032312.D

Acq: 26 Jan 2018 2:48

Instrument :

BNA_G

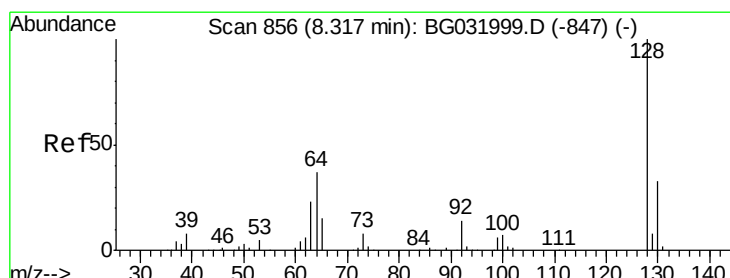
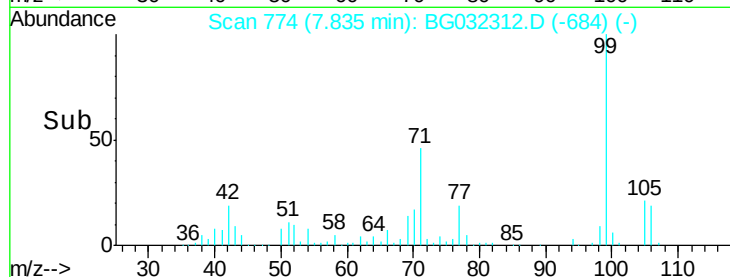
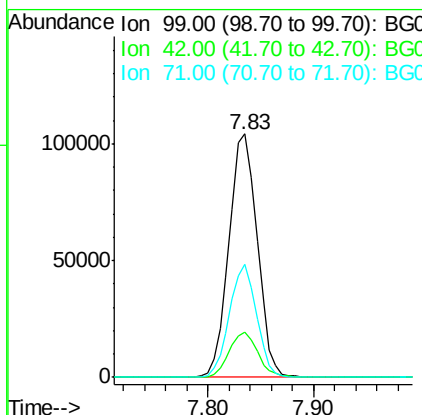
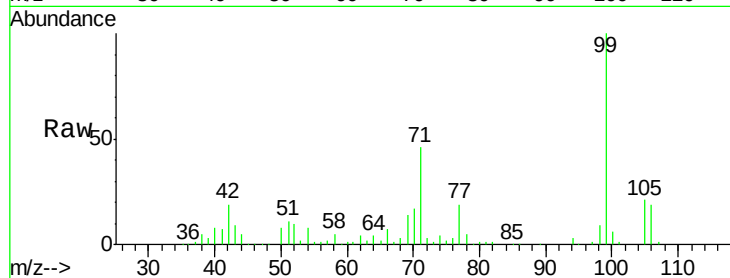
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		193062		
42	18.5	14.1	21.1		
71	46.5	26.1	39.1#		

Manual Integrations
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#8

2-Chlorophenol

Concen: 40.110 ng

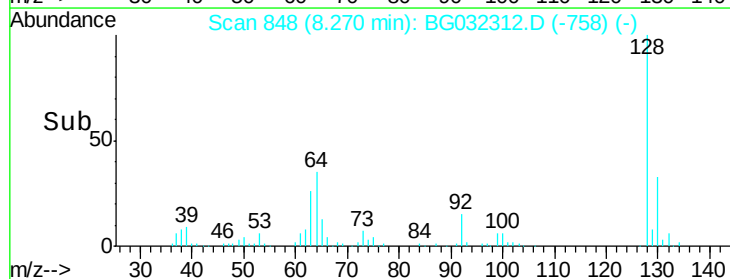
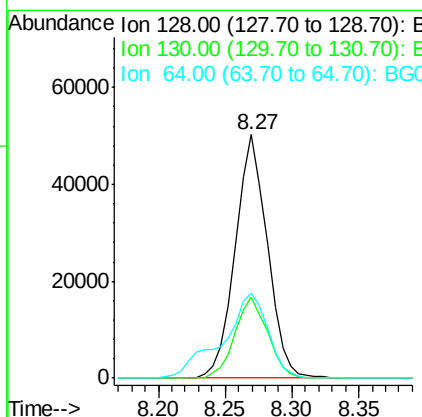
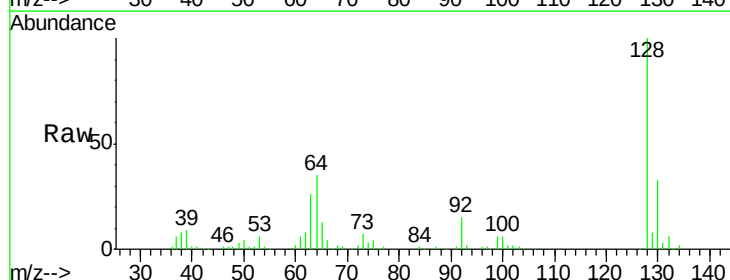
RT: 8.27 min Scan# 848

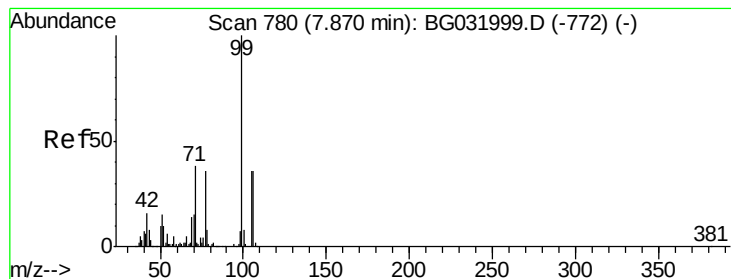
Delta R.T. -0.00 min

Lab File: BG032312.D

Acq: 26 Jan 2018 2:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		83853		
130	33.2	14.0	54.0		
64	34.8	37.7	77.7#		





#9

Benzaldehyde

Concen: 42.698 ng

RT: 7.82 min Scan# 772

Delta R.T. -0.00 min

Lab File: BG032312.D

Acq: 26 Jan 2018 2:48

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion: 77 Resp: 58210

Ion Ratio Lower Upper

77 100

105 104.6 71.3 111.3

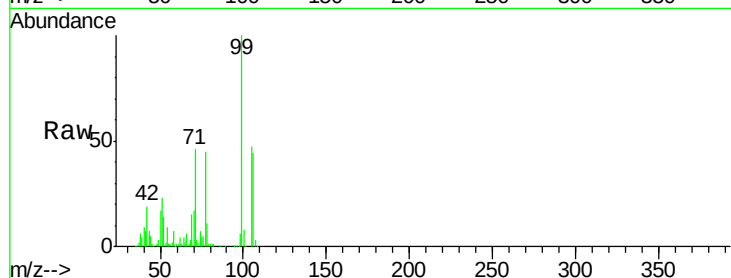
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Manual Integrations

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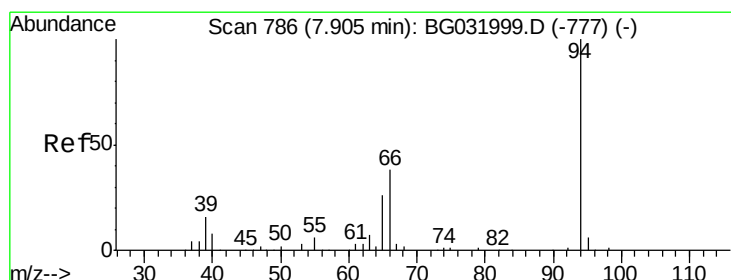
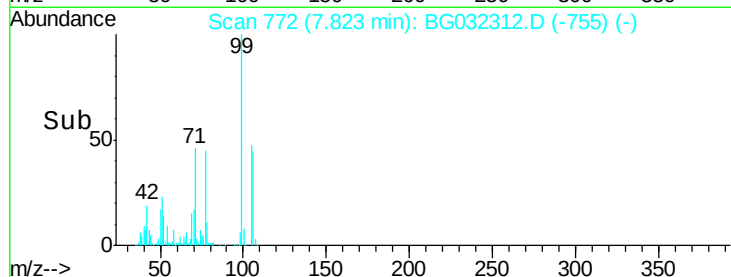
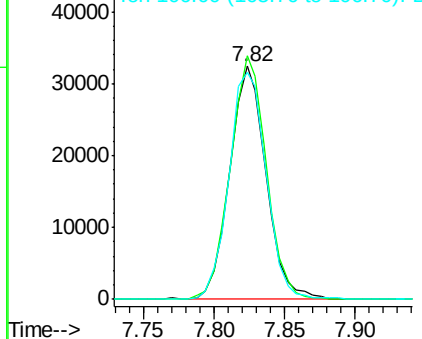
1/26/2018 4:04:01 PM



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 39.702 ng

RT: 7.86 min Scan# 778

Delta R.T. -0.01 min

Lab File: BG032312.D

Acq: 26 Jan 2018 2:48

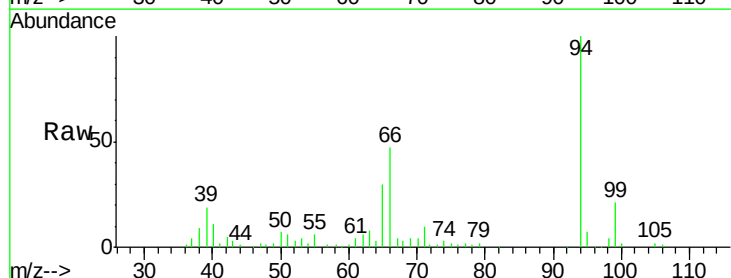
Tgt Ion: 94 Resp: 92022

Ion Ratio Lower Upper

94 100

65 29.5 11.9 51.9

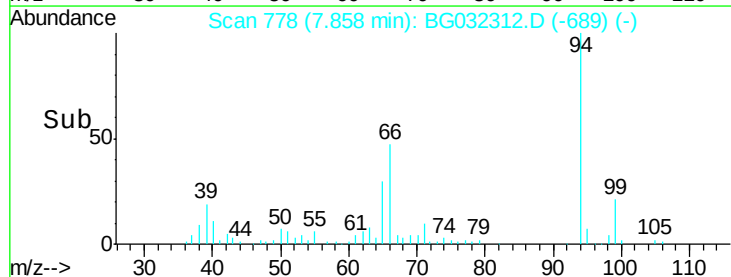
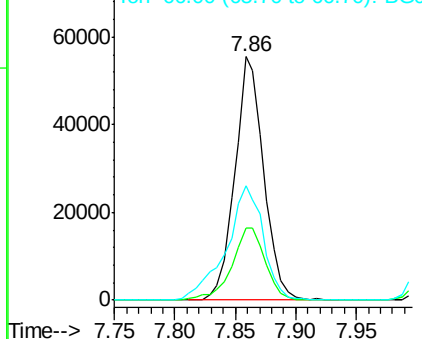
66 47.2 22.2 62.2

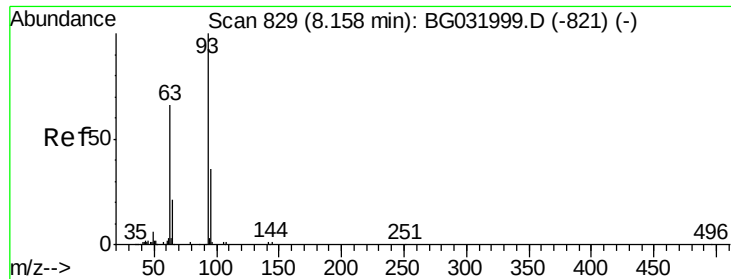


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





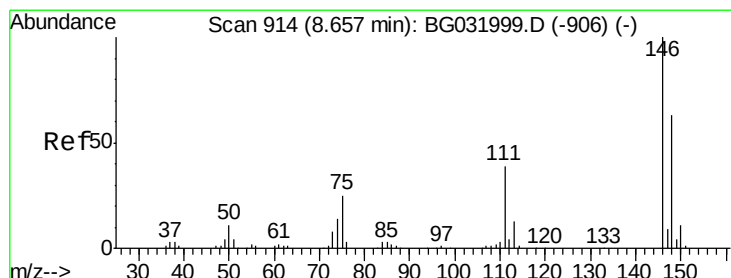
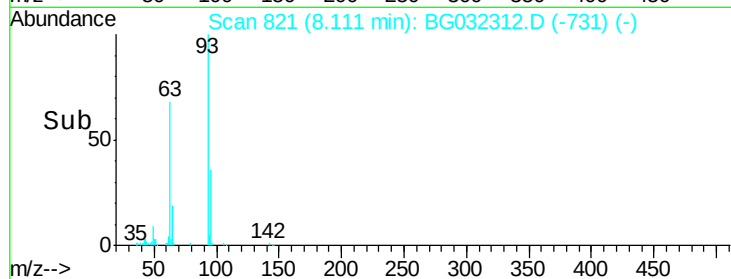
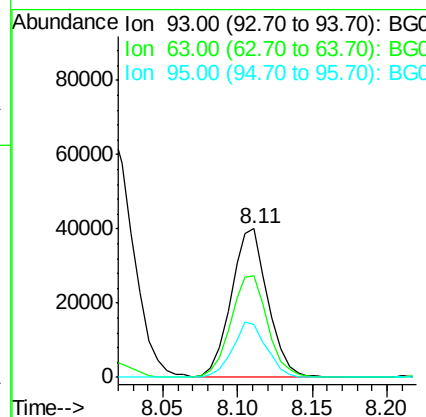
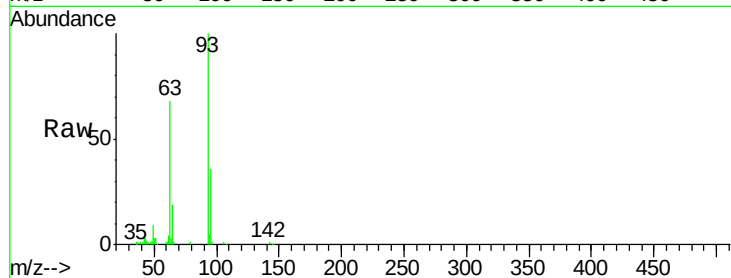
#11
bis(2-Chloroethyl)ether
Concen: 36.895 ng
RT: 8.11 min Scan# 821
Delta R.T. -0.00 min
Lab File: BG032312.D
Acq: 26 Jan 2018 2:48

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
93	100		
63	68.0	67.1	107.1
95	35.9	11.5	51.5

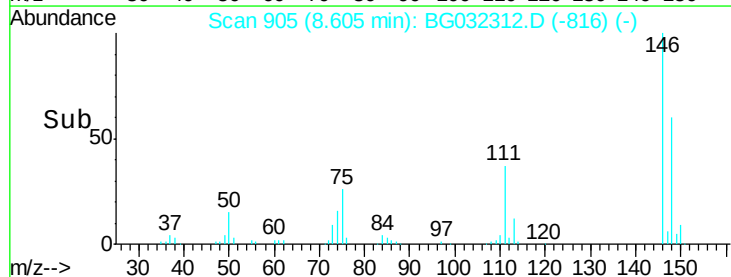
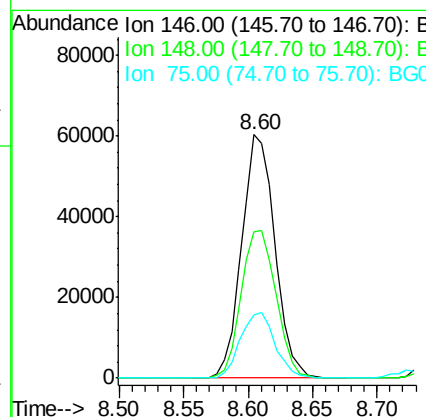
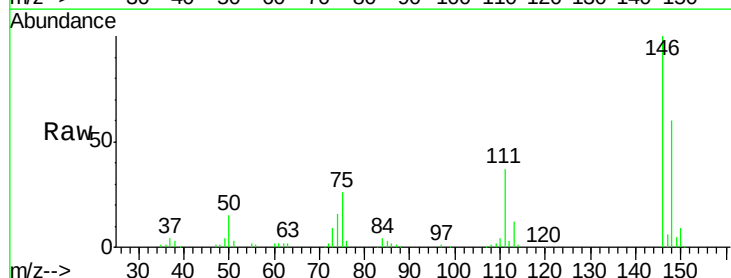
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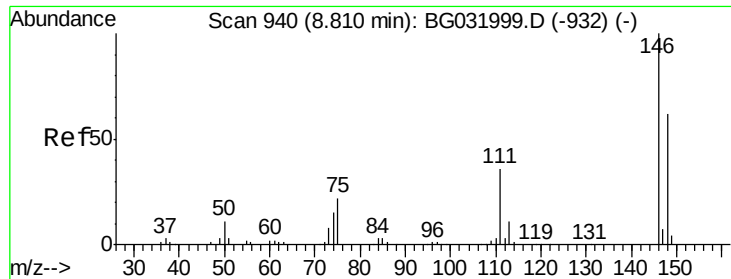
Sohil
1/26/2018 4:04:01 PM



#12
1,3-Dichlorobenzene
Concen: 39.394 ng m
RT: 8.60 min Scan# 905
Delta R.T. -0.01 min
Lab File: BG032312.D
Acq: 26 Jan 2018 2:48

Tgt Ion	Ratio	Lower	Upper
146	100		
148	60.1	51.4	77.2
75	26.0	26.6	39.8#





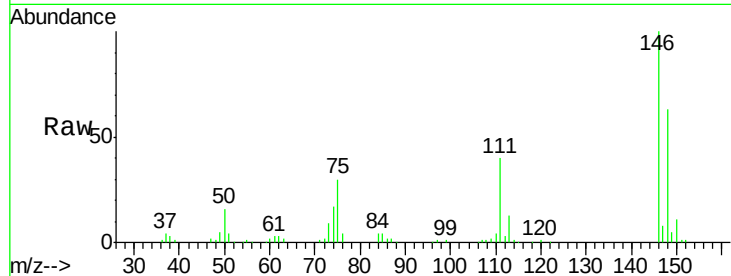
#13
 1,4-Dichlorobenzene
 Concen: 39.069 ng
 RT: 8.76 min Scan# 931
 Delta R.T. -0.01 min
 Lab File: BG032312.D
 Acq: 26 Jan 2018 2:48

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.5	53.7	80.5
111	40.5	35.2	52.8

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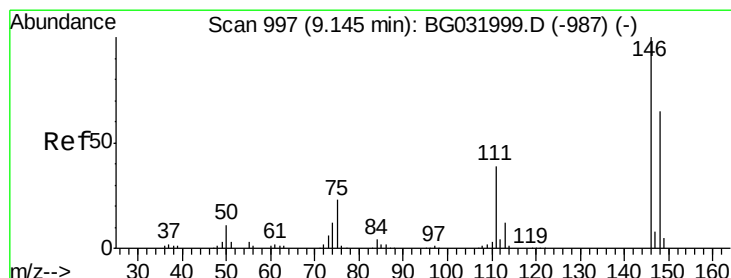
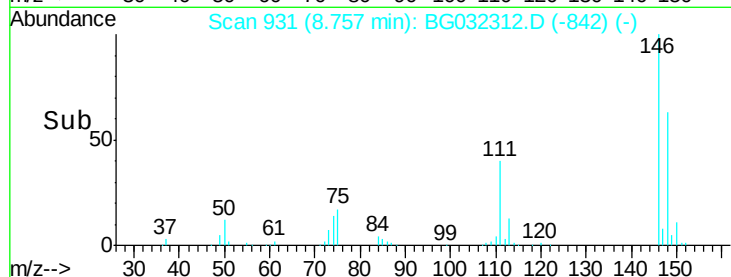
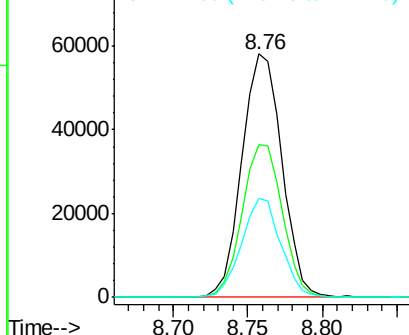


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 39.184 ng
 RT: 9.09 min Scan# 988
 Delta R.T. -0.00 min
 Lab File: BG032312.D
 Acq: 26 Jan 2018 2:48

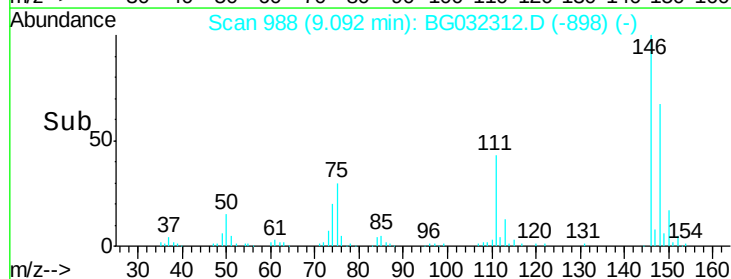
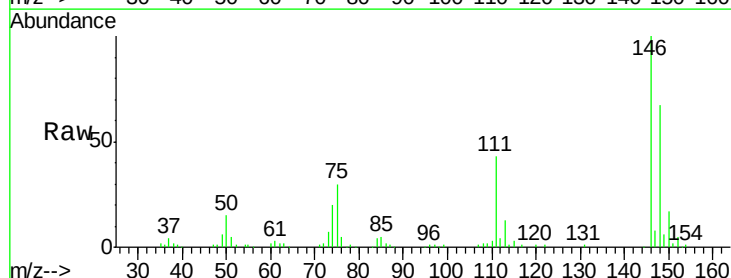
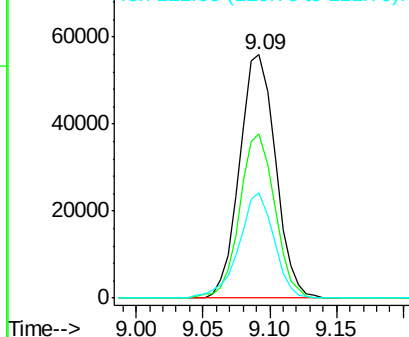
Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.2	49.3	73.9
111	43.5	34.3	51.5

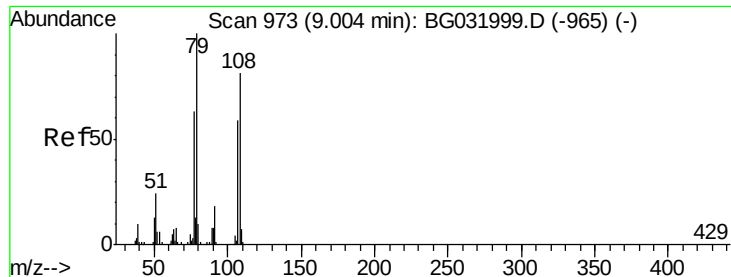
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 47.537 ng

RT: 8.96 min Scan# 965

Delta R.T. -0.01 min

Lab File: BG032312.D

Acq: 26 Jan 2018 2:48

Instrument :

BNA_G

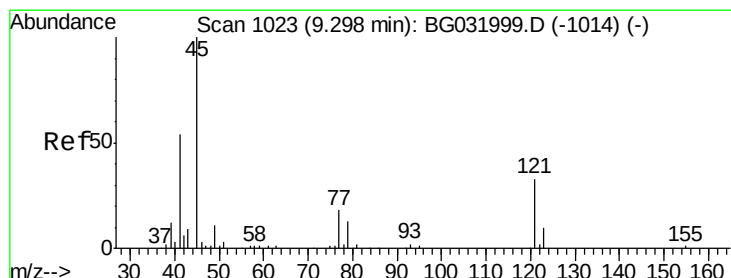
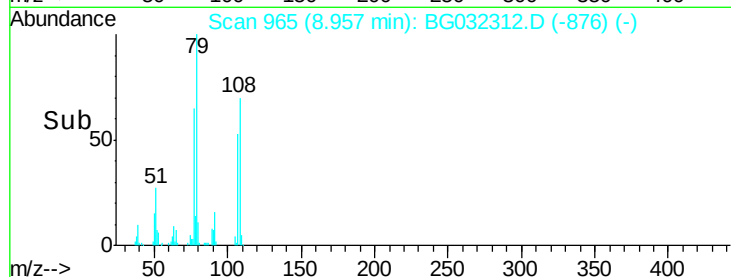
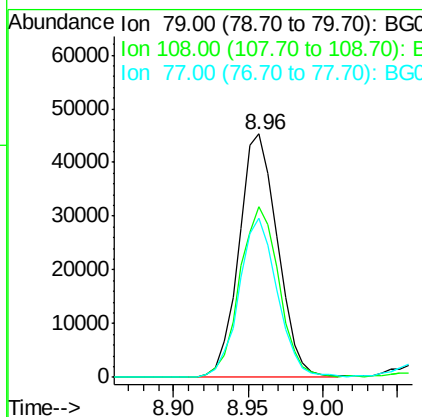
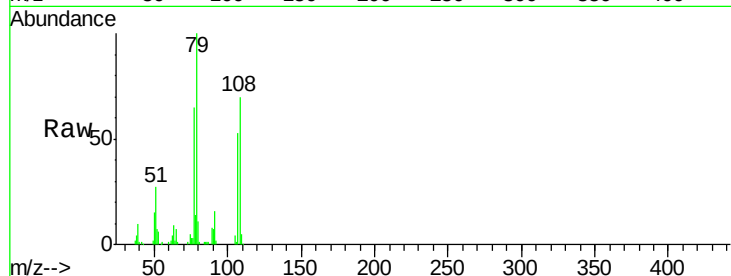
ClientSampleId :

SSTDCCC040EC

Tot Ion:	79	Resp:	81256
Ion Ratio	Lower	Upper	
79	100		
108	70.3	57.2	85.8
77	65.3	46.1	69.1

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#16

2,2'-oxybis(1-chloropropane)

Concen: 36.286 ng

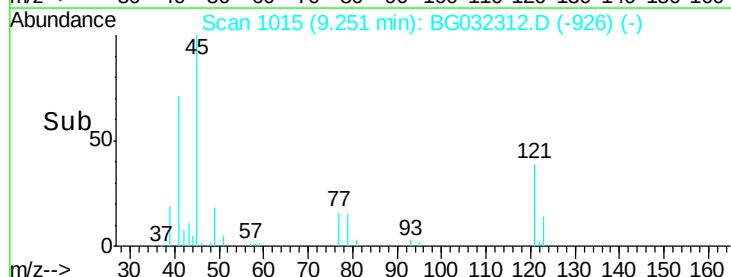
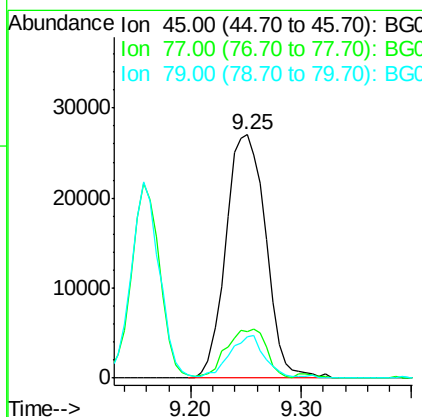
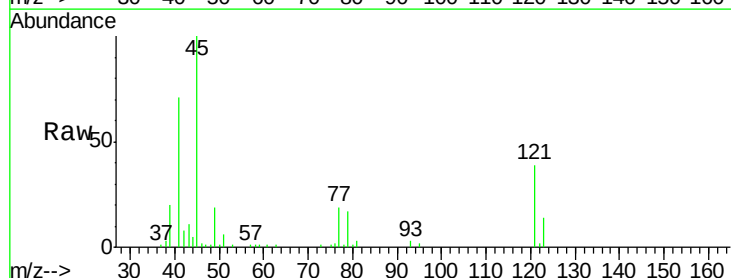
RT: 9.25 min Scan# 1015

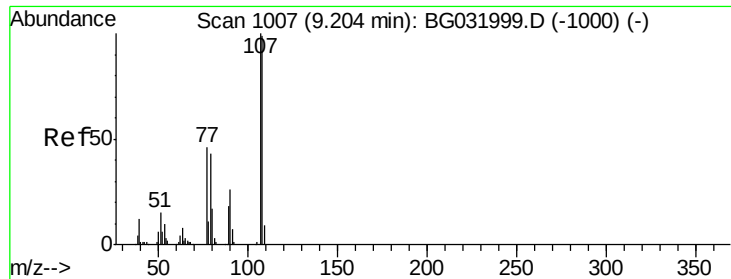
Delta R.T. -0.01 min

Lab File: BG032312.D

Acq: 26 Jan 2018 2:48

Tgt Ion:	45	Resp:	68478
Ion Ratio	Lower	Upper	
45	100		
77	18.8	0.0	30.2
79	17.0	0.0	27.9





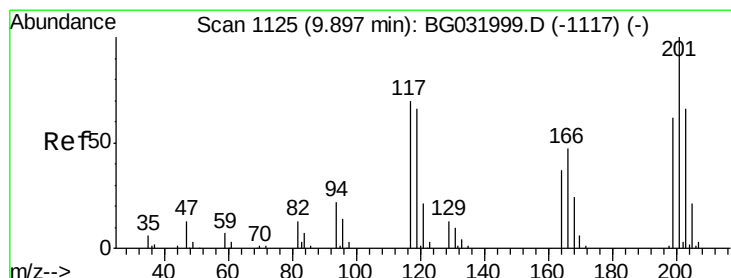
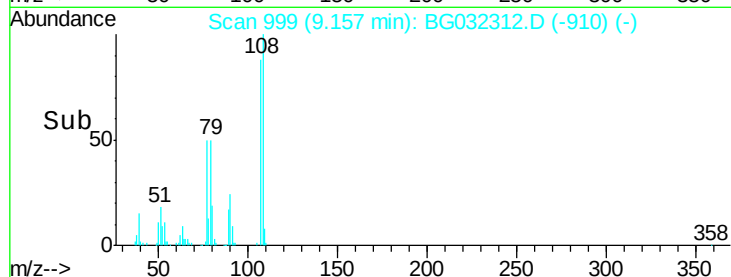
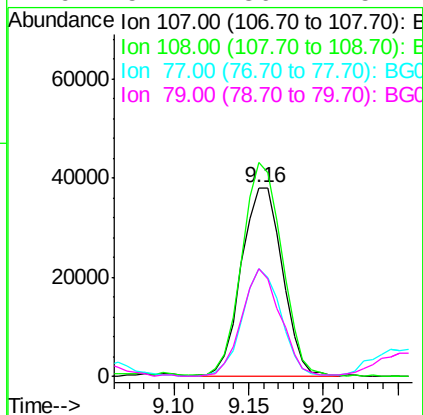
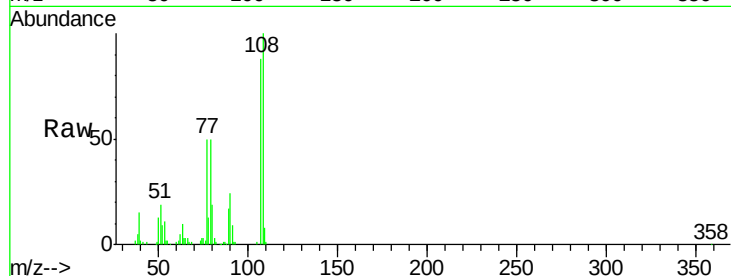
#17
2-Methylphenol
Concen: 41.186 ng
RT: 9.16 min Scan# 999
Delta R.T. -0.01 min
Lab File: BG032312.D
Acq: 26 Jan 2018 2:48

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.2	83.9	125.9
77	56.7	37.2	55.8#
79	57.1	36.2	54.2#

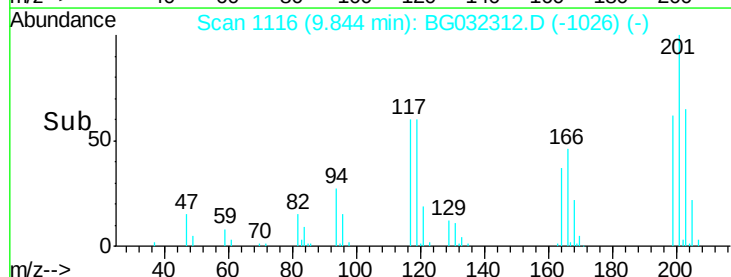
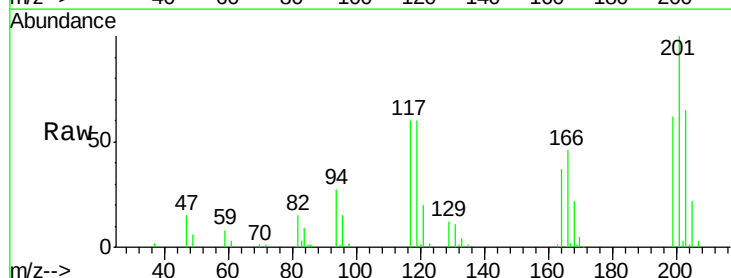
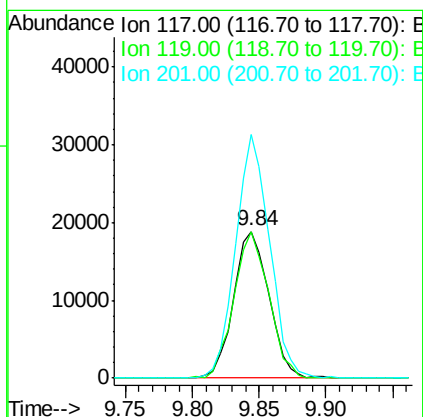
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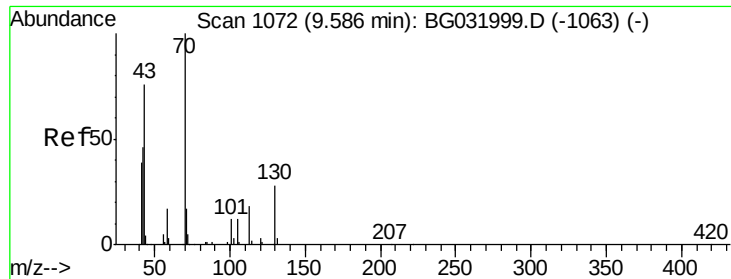
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#18
Hexachloroethane
Concen: 40.933 ng
RT: 9.84 min Scan# 1116
Delta R.T. -0.00 min
Lab File: BG032312.D
Acq: 26 Jan 2018 2:48

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.5	76.7	115.1
201	165.7	95.7	143.5#





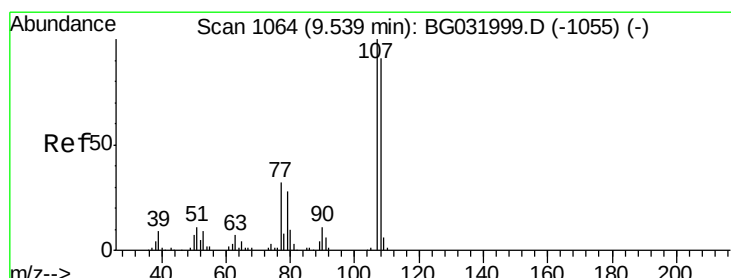
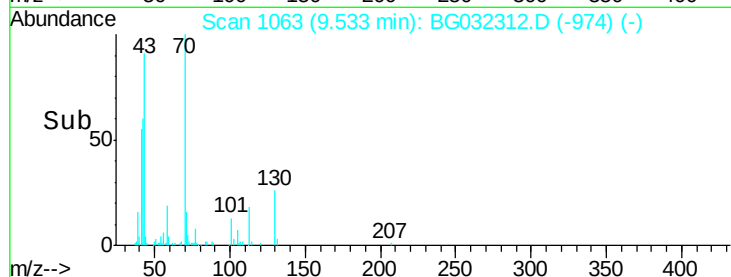
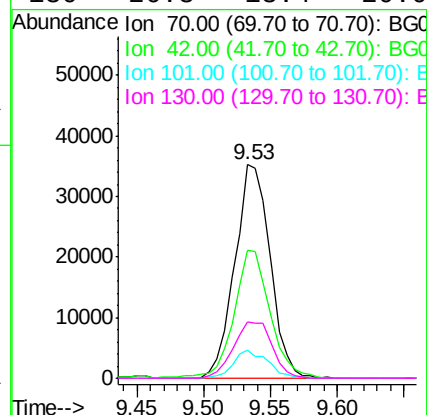
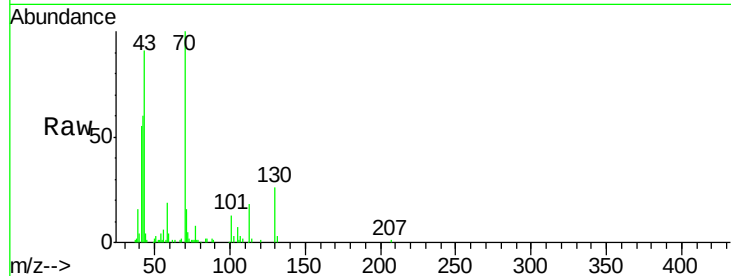
#19
n-Nitroso-di-n-propylamine
Concen: 44.379 ng
RT: 9.53 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BG032312.D
Acq: 26 Jan 2018 2:48

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	60.0	49.1	73.7	
101	13.0	8.5	12.7	
130	26.3	13.4	20.0	

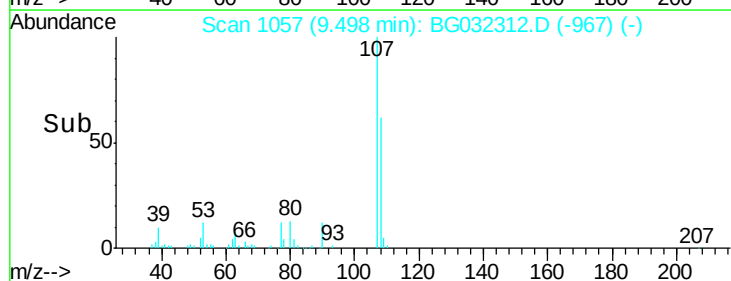
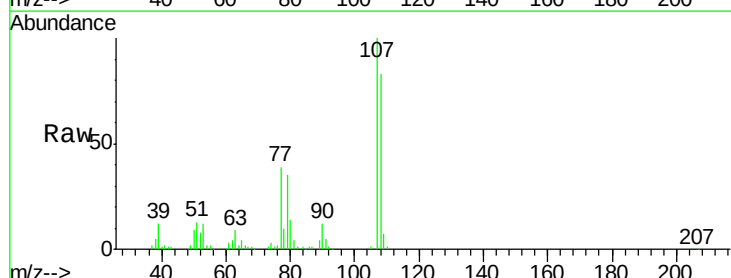
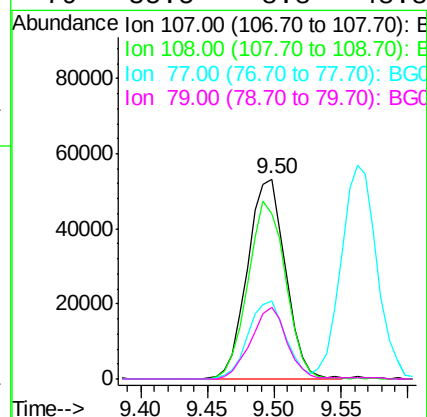
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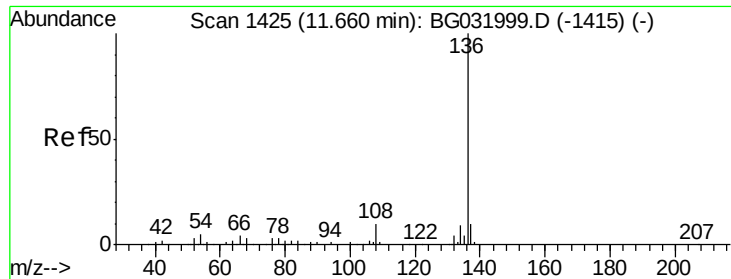
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#20
3+4-Methylphenols
Concen: 42.635 ng
RT: 9.50 min Scan# 1057
Delta R.T. -0.00 min
Lab File: BG032312.D
Acq: 26 Jan 2018 2:48

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	82.6	61.6	101.6	
77	39.2	13.9	53.9	
79	35.5	8.8	48.8	





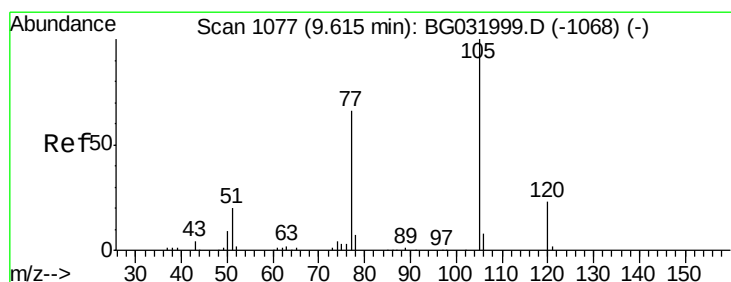
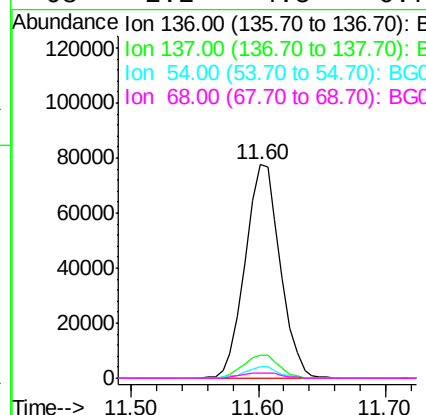
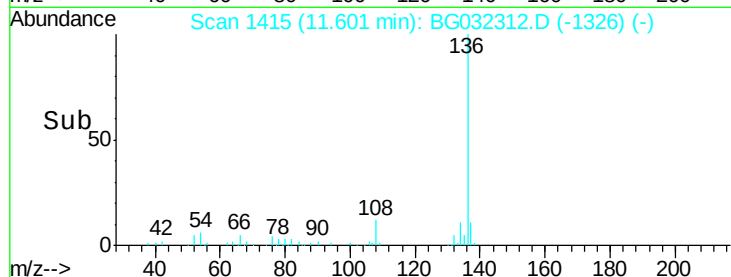
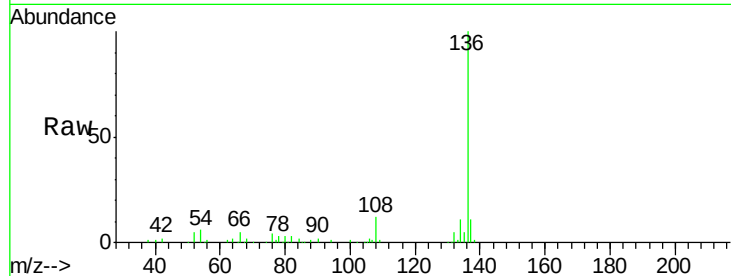
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.60 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BG032312.D
Acq: 26 Jan 2018 2:48

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	9.2	13.8	
54	5.6	10.3	15.5#	
68	2.2	4.5	6.7#	

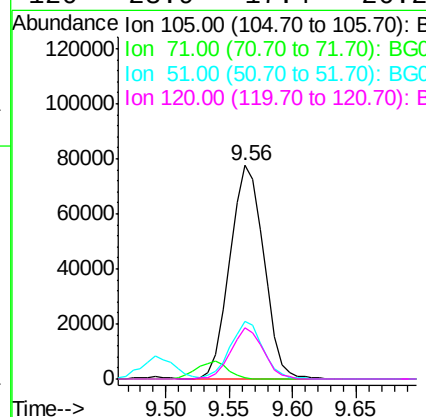
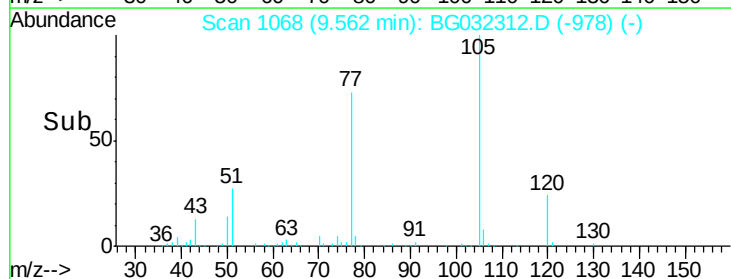
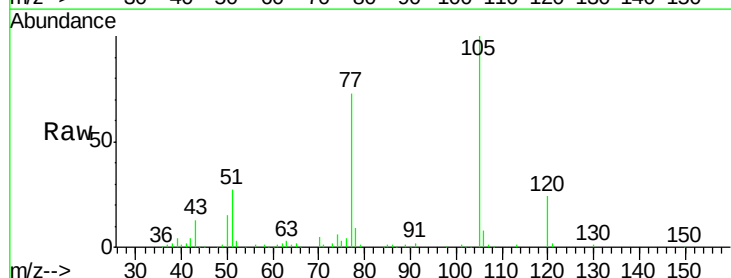
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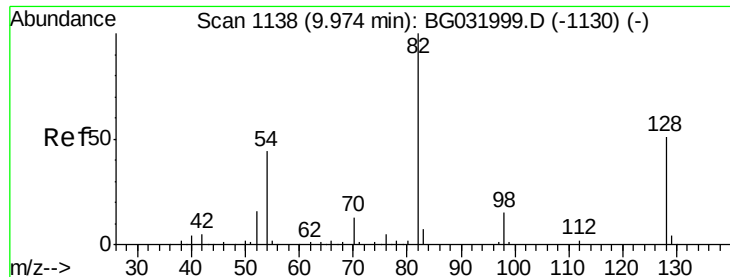
Sohil
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#22
Acetophenone
Concen: 42.617 ng
RT: 9.56 min Scan# 1068
Delta R.T. -0.00 min
Lab File: BG032312.D
Acq: 26 Jan 2018 2:48

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.5	3.0	4.4#	
51	26.9	26.1	39.1	
120	23.9	17.4	26.2	





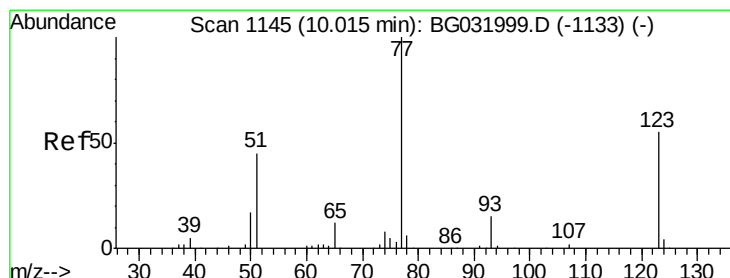
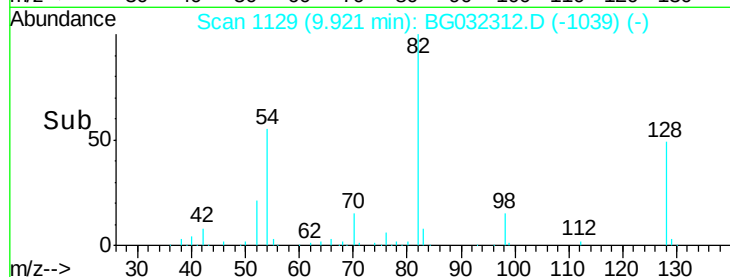
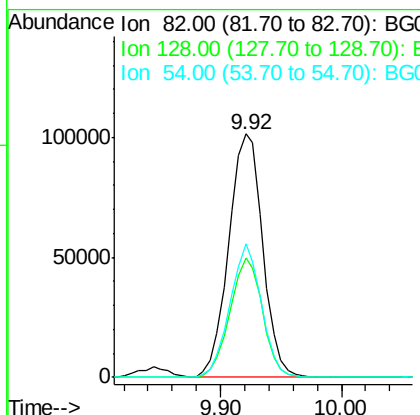
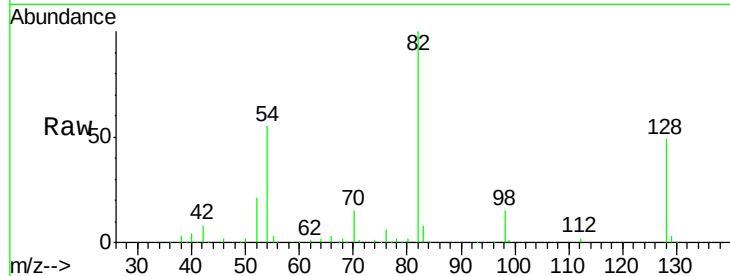
#23
Nitrobenzene-d5
Concen: 90.068 ng
RT: 9.92 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BG032312.D
Acq: 26 Jan 2018 2:48

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
82	100	197990		
128	48.9	29.7	44.5#	
54	54.6	43.1	64.7	

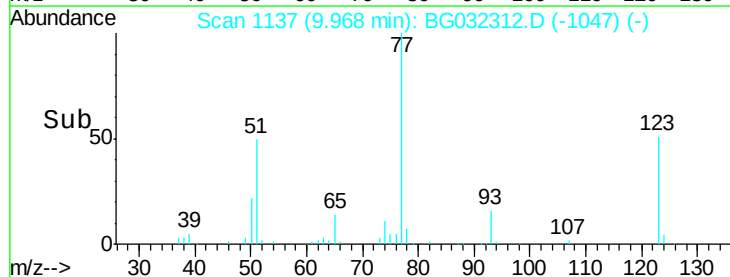
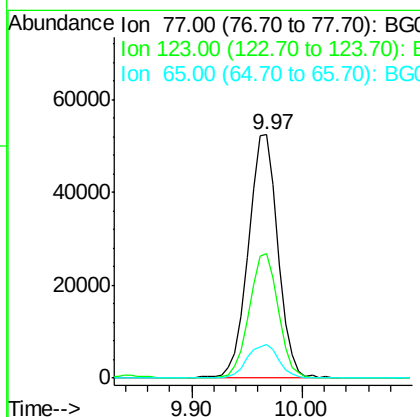
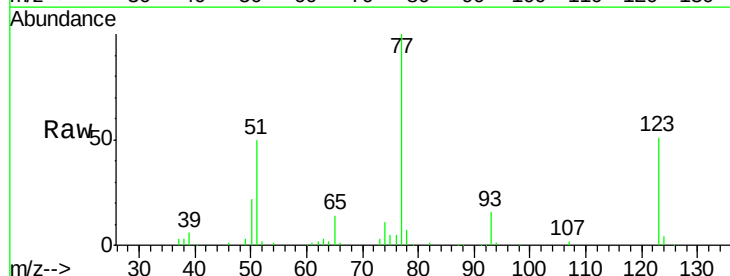
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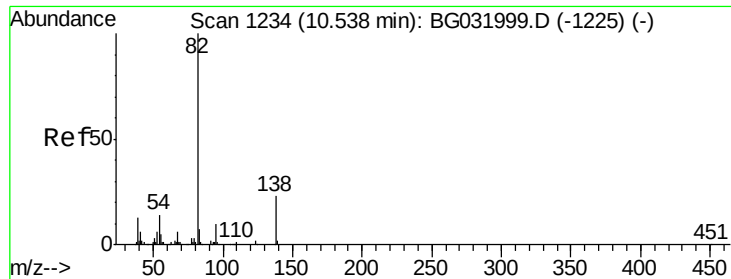
Sohil
1/26/2018 4:04:01 PM



#24
Nitrobenzene
Concen: 45.075 ng
RT: 9.97 min Scan# 1137
Delta R.T. -0.00 min
Lab File: BG032312.D
Acq: 26 Jan 2018 2:48

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	98835		
123	51.4	33.0	49.6#	
65	13.8	13.0	19.6	





#25

Isophorone

Concen: 43.773 ng

RT: 10.48 min Scan# 1225

Delta R.T. -0.01 min

Lab File: BG032312.D

Acq: 26 Jan 2018 2:48

Instrument :

BNA_G

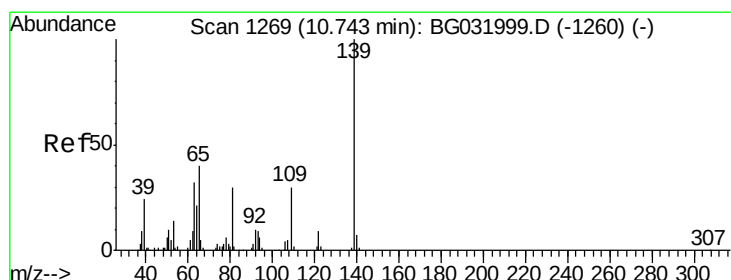
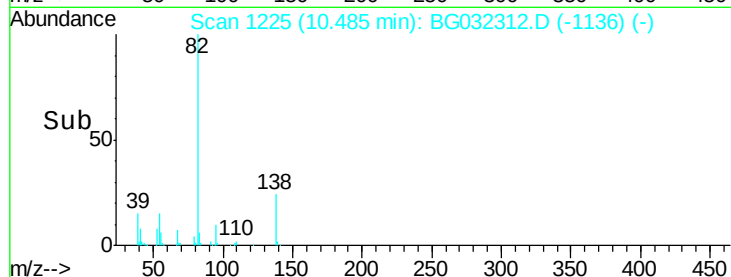
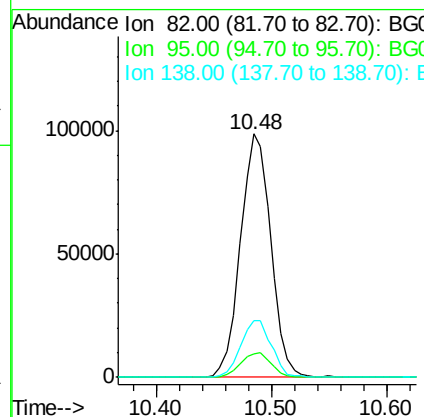
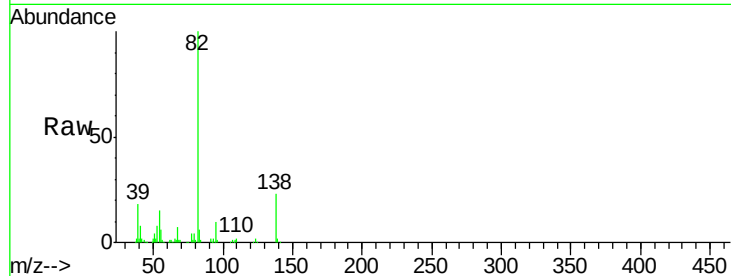
ClientSampleId :

SSTDCCC040EC

Tot Ion:	82	Resp:	179170
Ion Ratio		Lower	Upper
82	100		
95	9.5	6.2	9.2#
138	23.4	12.1	18.1#

Manual Integrations
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#26

2-Nitrophenol

Concen: 46.719 ng

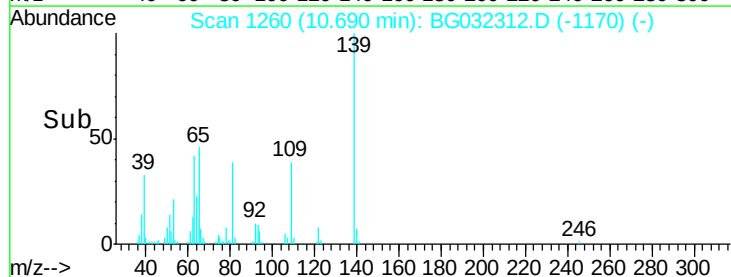
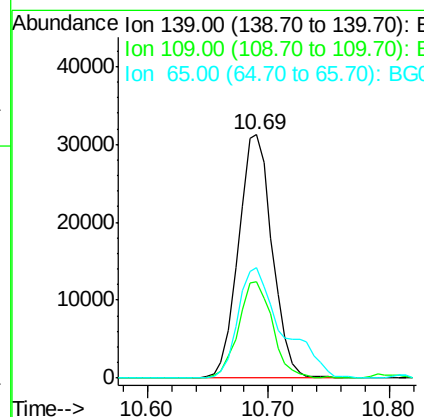
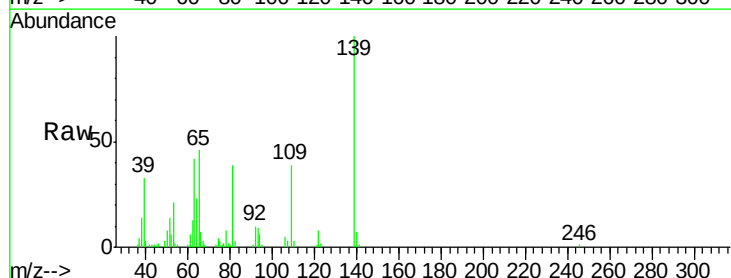
RT: 10.69 min Scan# 1260

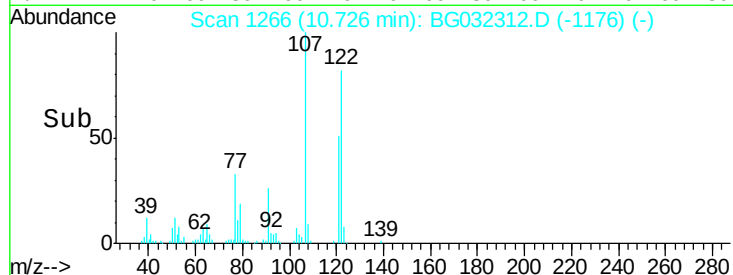
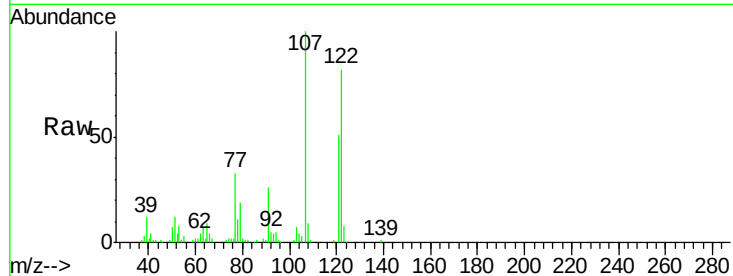
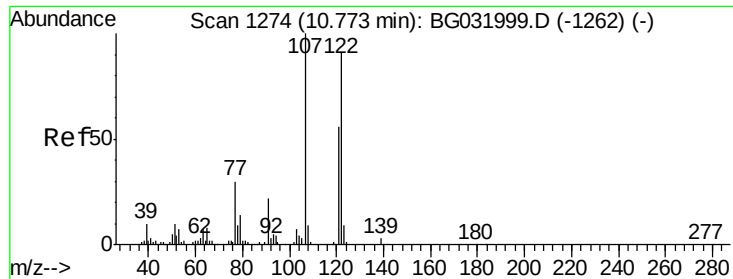
Delta R.T. -0.00 min

Lab File: BG032312.D

Acq: 26 Jan 2018 2:48

Tgt Ion:	139	Resp:	60699
Ion Ratio		Lower	Upper
139	100		
109	39.4	24.2	36.2#
65	45.5	47.4	71.0#





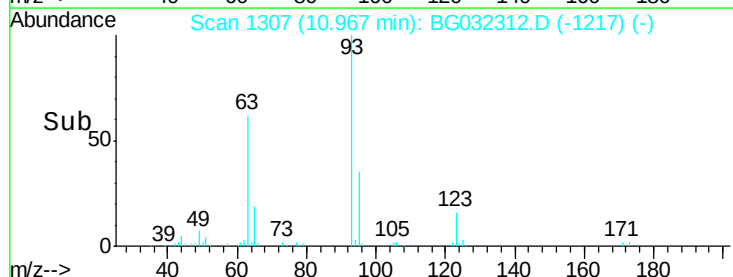
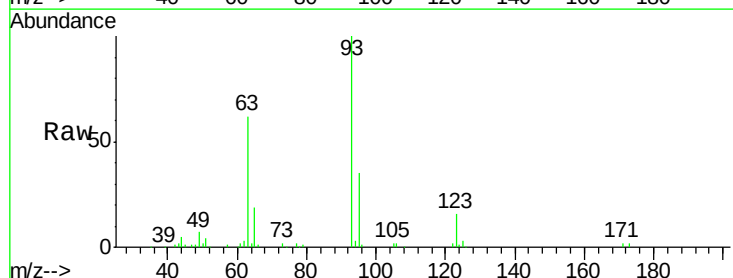
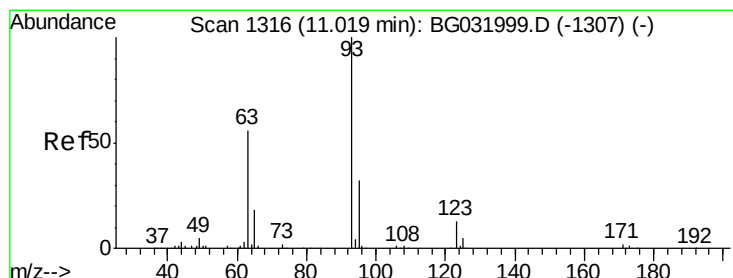
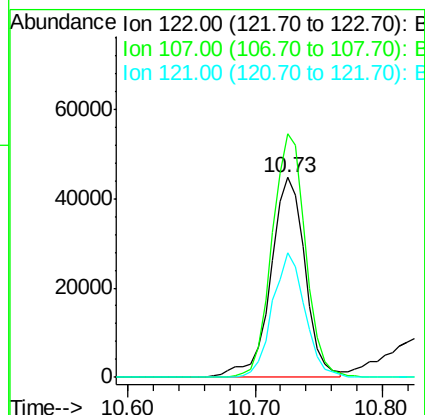
#27
2,4-Dimethylphenol
Concen: 40.959 ng
RT: 10.73 min Scan# 1266
Delta R.T. -0.00 min
Lab File: BG032312.D
Acq: 26 Jan 2018 2:48

Tot Ion	Ratio	Lower	Upper
122	100		
107	121.7	100.2	150.2
121	62.4	44.4	66.6

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

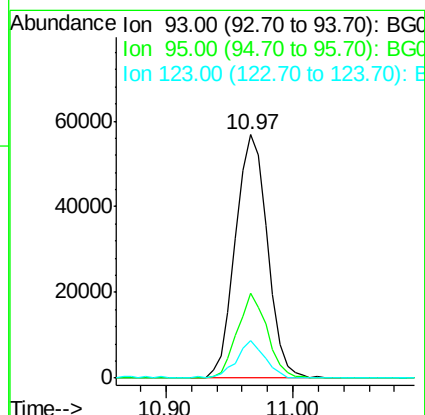
Manual Integrations
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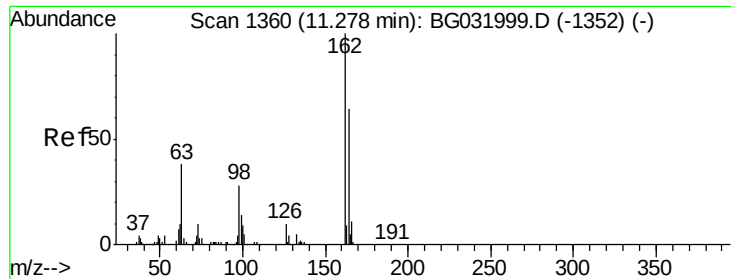
Sohil
1/26/2018 4:04:01 PM



#28
bis(2-Chloroethoxy)methane
Concen: 40.179 ng
RT: 10.97 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BG032312.D
Acq: 26 Jan 2018 2:48

Tgt Ion	Ratio	Lower	Upper
93	100		
95	35.1	24.3	36.5
123	15.6	8.4	12.6





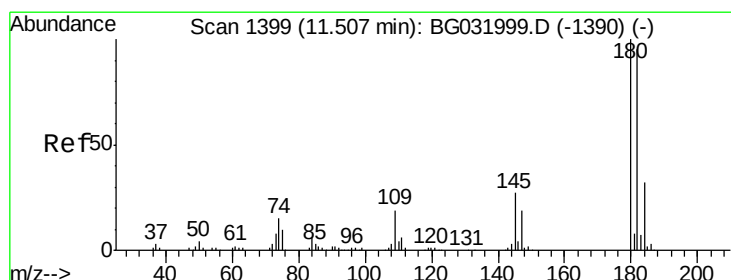
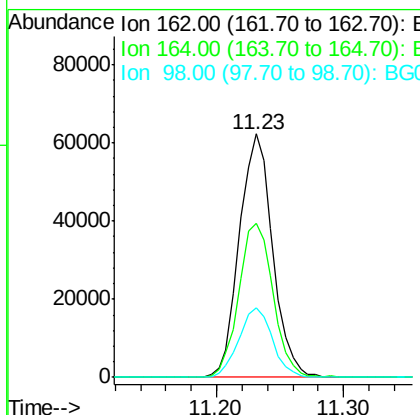
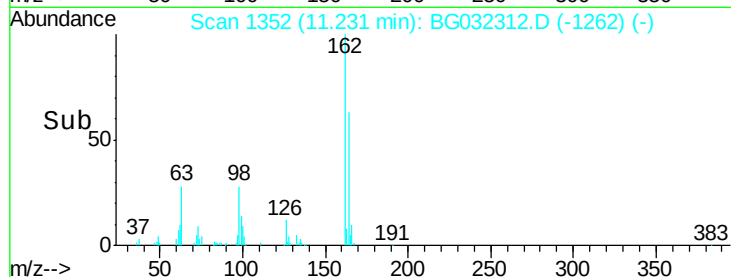
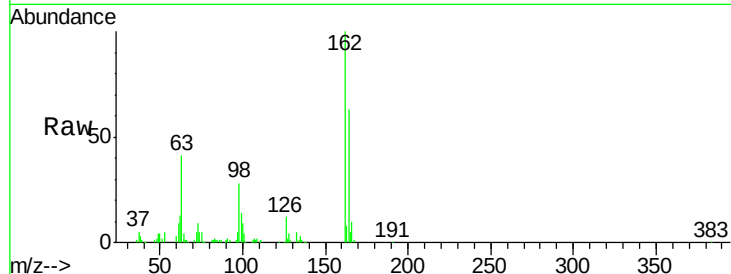
#29
2,4-Dichlorophenol
Concen: 44.718 ng
RT: 11.23 min Scan# 1352
Delta R.T. -0.00 min
Lab File: BG032312.D
Acq: 26 Jan 2018 2:48

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	63.2	48.0	88.0	
98	28.5	21.1	61.1	

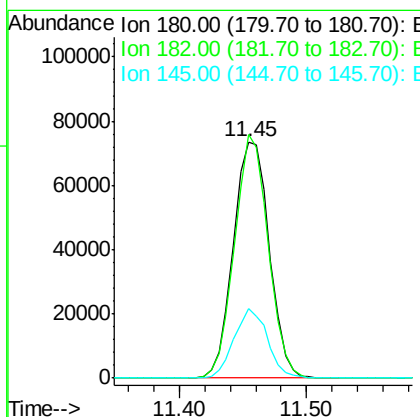
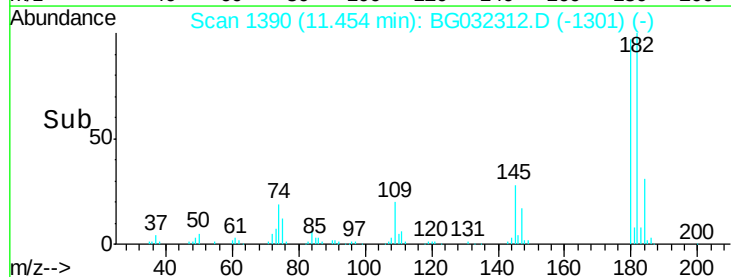
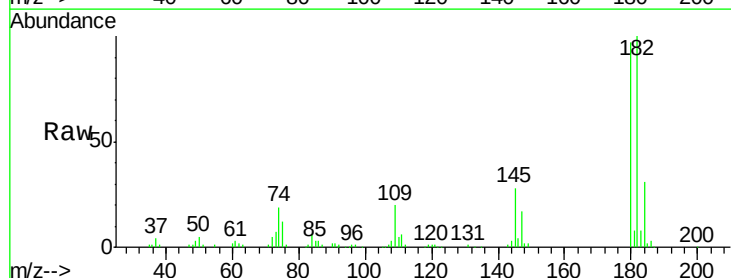
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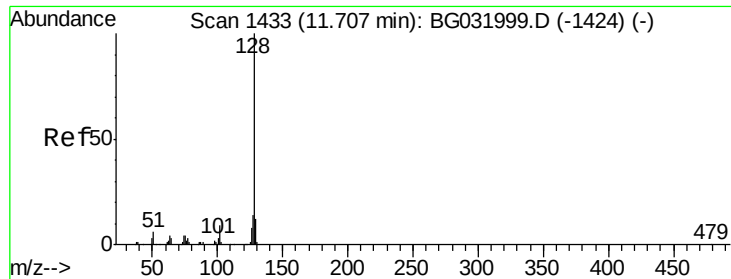
Sohil
1/26/2018 4:04:01 PM



#30
1,2,4-Trichlorobenzene
Concen: 43.925 ng
RT: 11.45 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BG032312.D
Acq: 26 Jan 2018 2:48

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	103.2	77.5	116.3	
145	29.3	23.4	35.2	





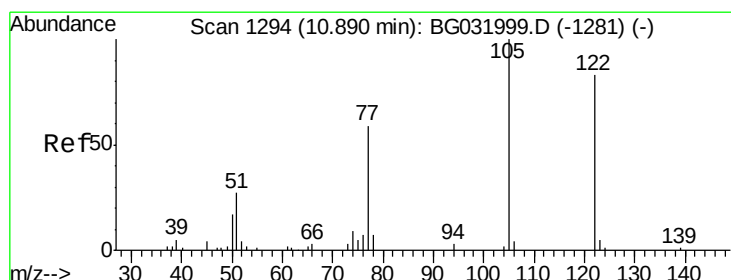
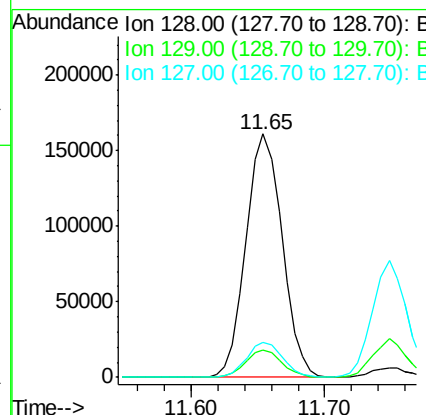
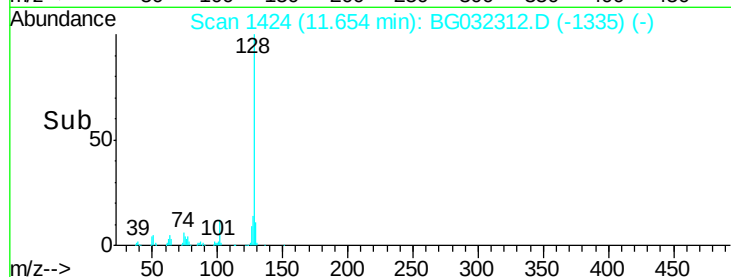
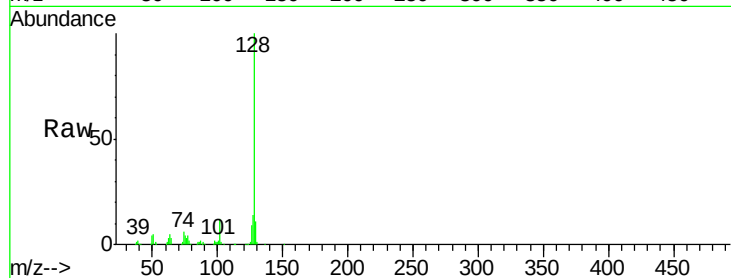
#31
Naphthalene
Concen: 41.067 ng
RT: 11.65 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BG032312.D
Acq: 26 Jan 2018 2:48

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.6	12.8
127	14.3	11.6	17.4

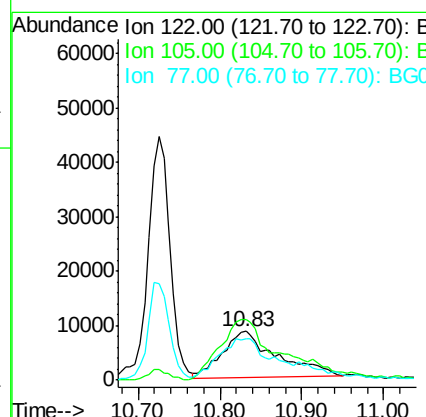
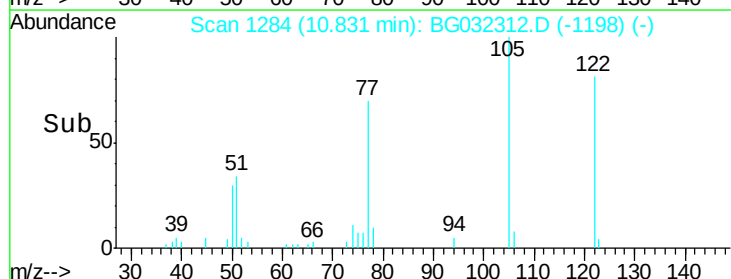
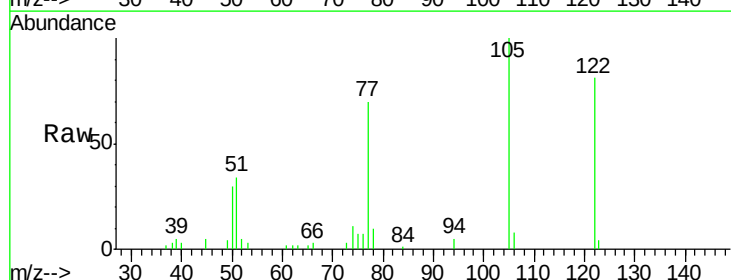
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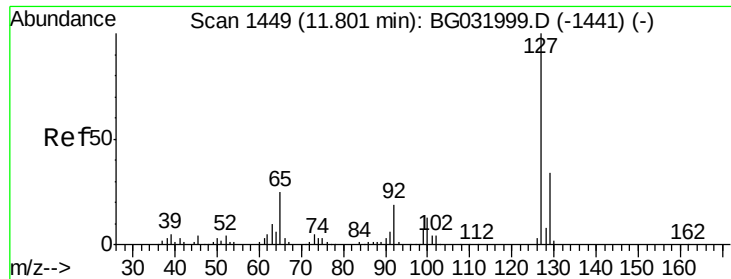
Sohil
1/26/2018 4:04:01 PM



#32
Benzoic acid
Concen: 26.500 ng
RT: 10.83 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BG032312.D
Acq: 26 Jan 2018 2:48

Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.9	123.5	163.5#
77	85.6	85.7	125.7#





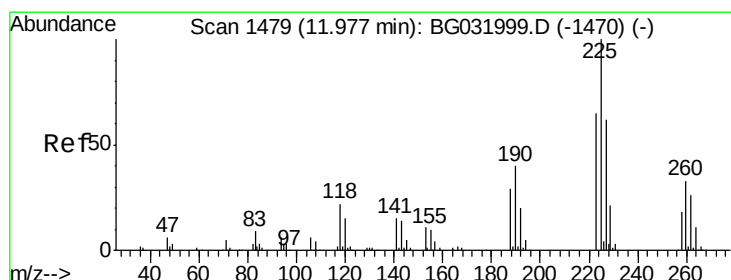
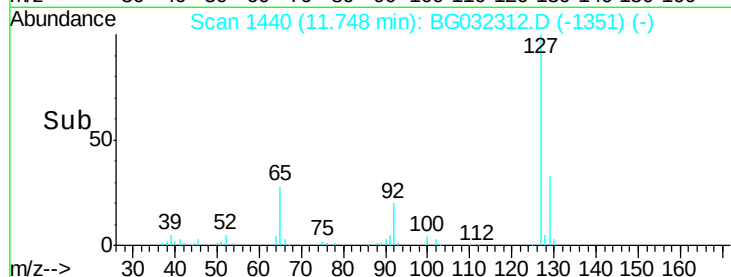
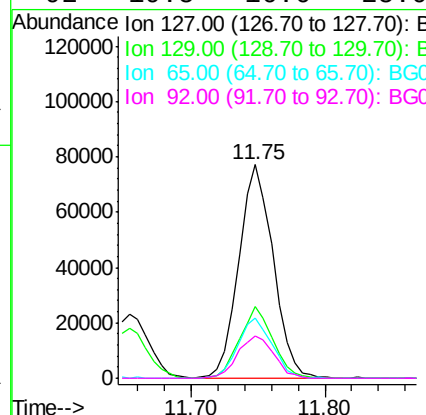
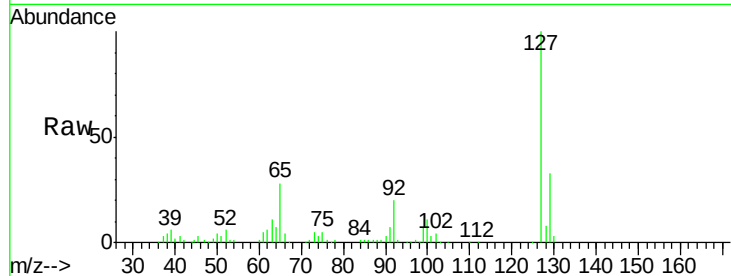
#33
4-Chloroaniline
Concen: 43.644 ng
RT: 11.75 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BG032312.D
Acq: 26 Jan 2018 2:48

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.4	24.0	36.0		
65	28.3	27.0	40.4		
92	19.5	16.6	25.0		

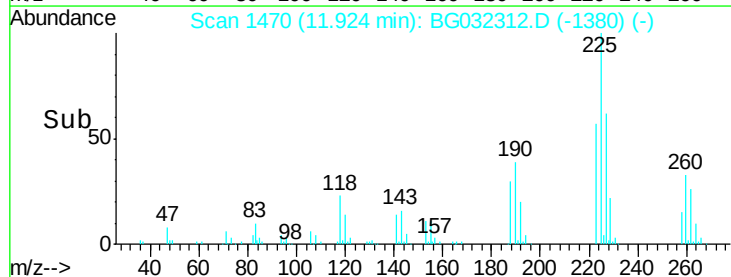
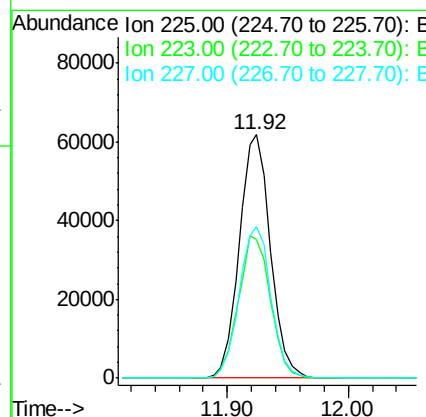
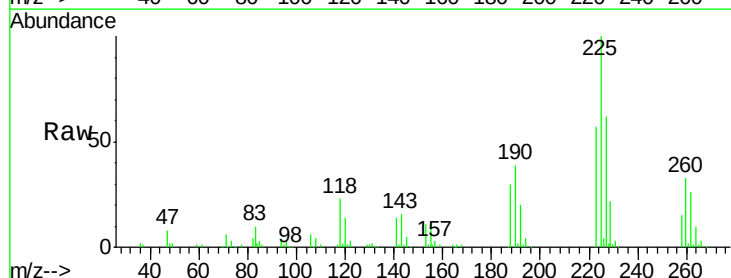
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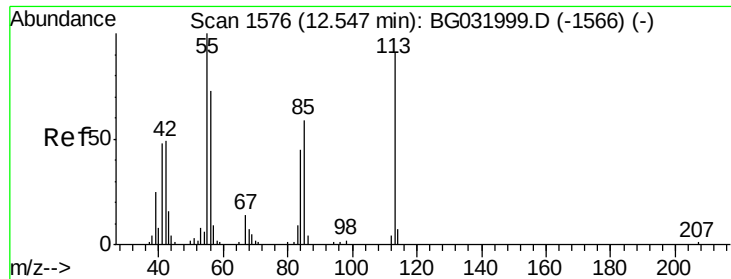
Sohil
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#34
Hexachlorobutadiene
Concen: 47.103 ng
RT: 11.92 min Scan# 1470
Delta R.T. -0.00 min
Lab File: BG032312.D
Acq: 26 Jan 2018 2:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	56.8	49.7	74.5		
227	62.2	48.1	72.1		





#35

Caprolactam

Concen: 45.122 ng

RT: 12.51 min Scan# 1569

Delta R.T. 0.00 min

Lab File: BG032312.D

Acq: 26 Jan 2018 2:48

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:113 Resp: 34728

Ion Ratio Lower Upper

113 100

55 113.4 186.9 226.9#

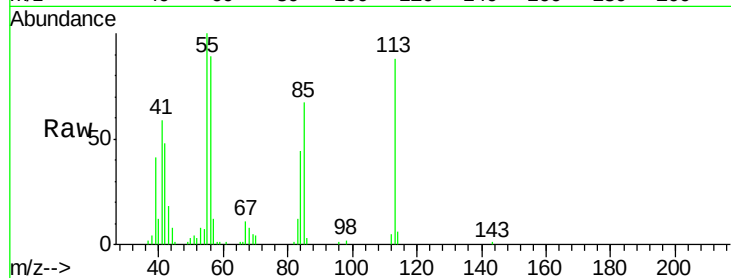
56 101.1 130.9 170.9#

Manual Integrations

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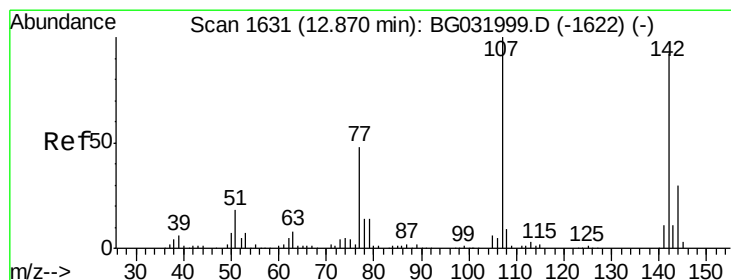
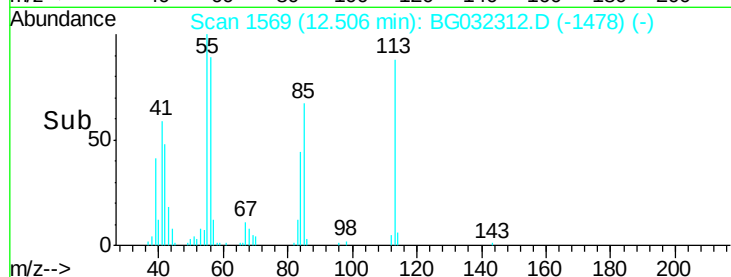
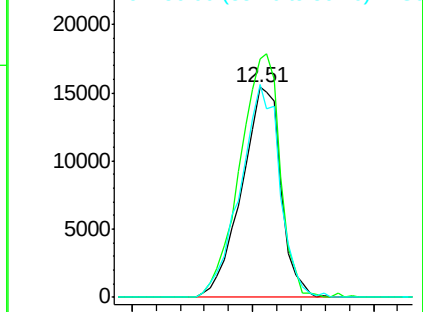
1/26/2018 4:04:01 PM



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: 47.522 ng

RT: 12.82 min Scan# 1623

Delta R.T. -0.01 min

Lab File: BG032312.D

Acq: 26 Jan 2018 2:48

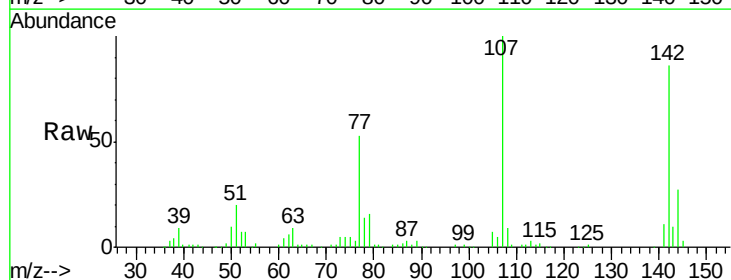
Tgt Ion:107 Resp: 110352

Ion Ratio Lower Upper

107 100

144 27.4 18.2 27.4#

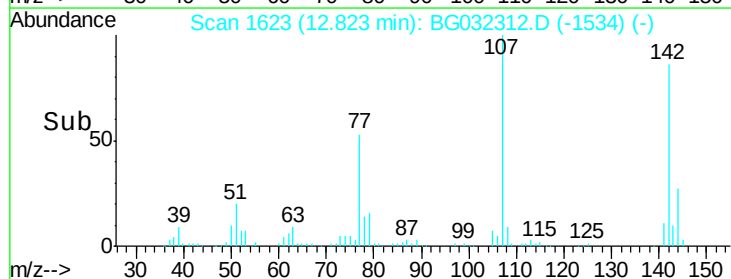
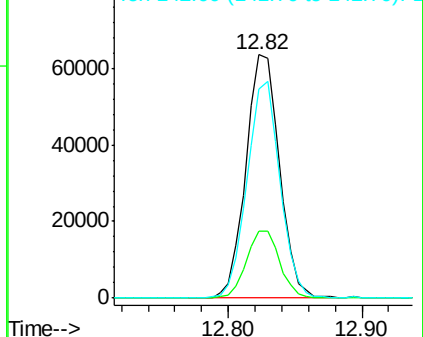
142 85.7 59.0 88.4

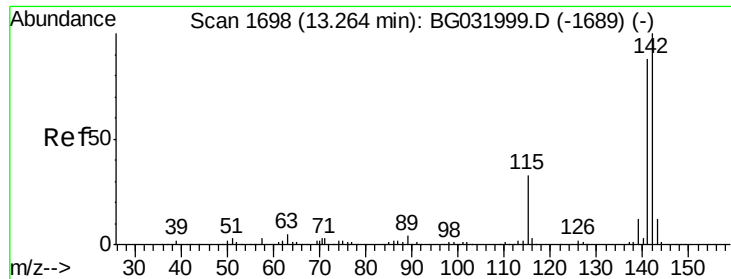


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





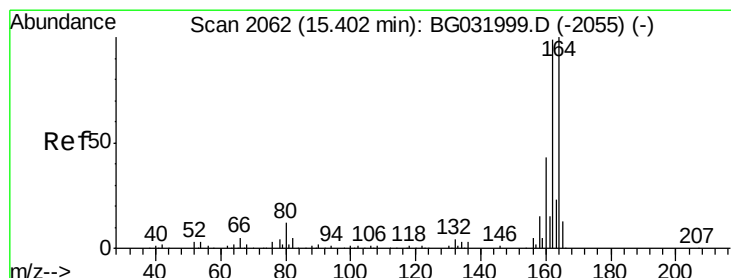
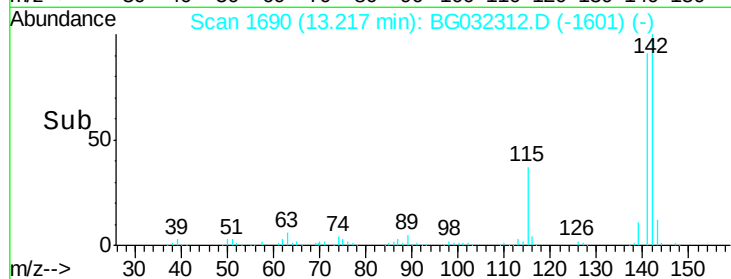
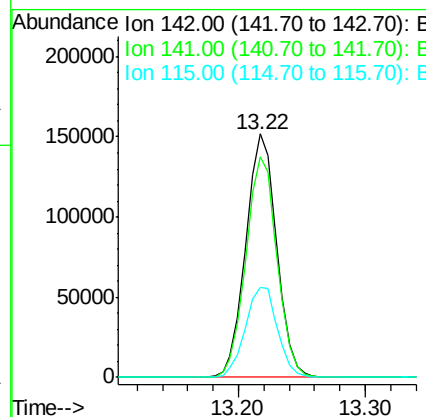
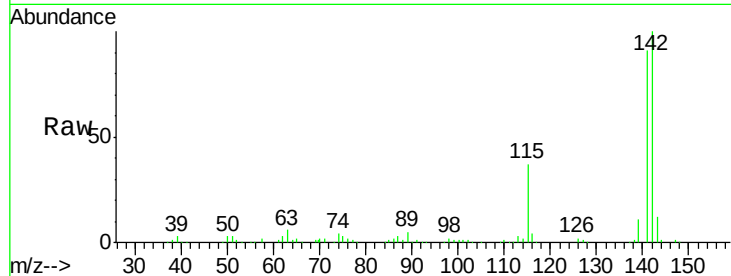
#37
2-Methylnaphthalene
Concen: 43.787 ng
RT: 13.22 min Scan# 1690
Delta R.T. -0.01 min
Lab File: BG032312.D
Acq: 26 Jan 2018 2:48

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.7	67.1	100.7
115	37.0	30.7	46.1

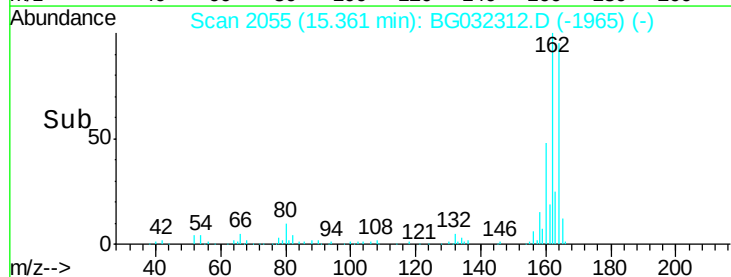
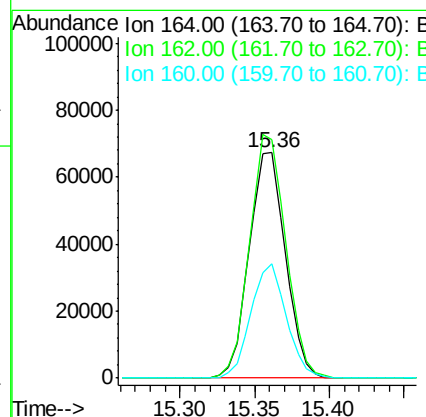
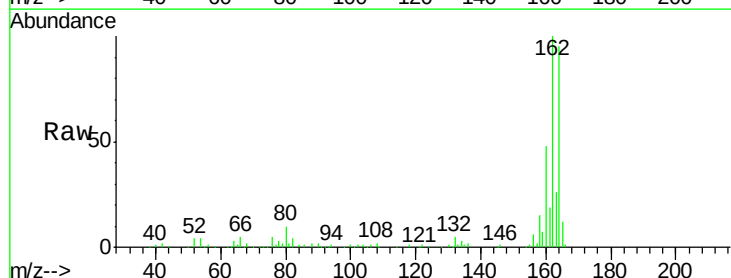
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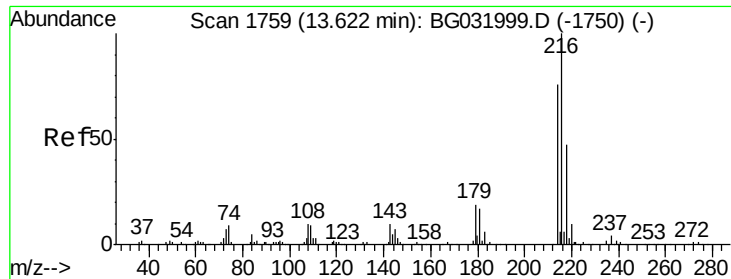
Sohil
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.36 min Scan# 2055
Delta R.T. -0.00 min
Lab File: BG032312.D
Acq: 26 Jan 2018 2:48

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.7	78.8	118.2
160	50.9	35.4	53.0





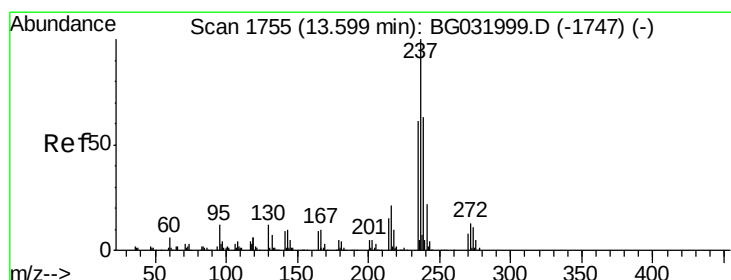
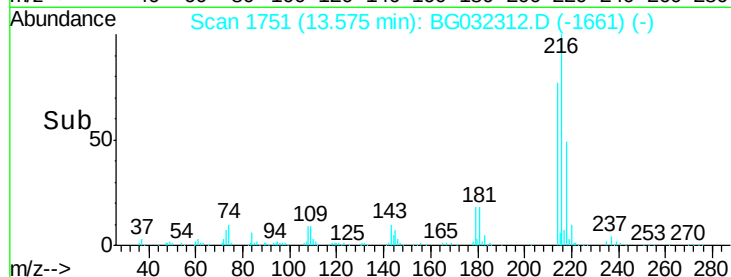
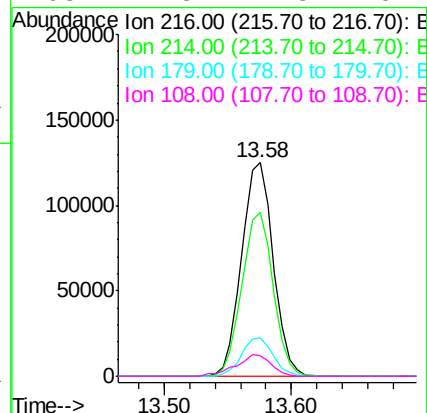
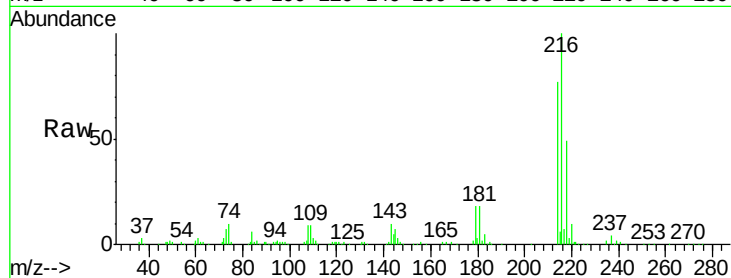
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.708 ng
 RT: 13.58 min Scan# 1751
 Delta R.T. -0.00 min
 Lab File: BG032312.D
 Acq: 26 Jan 2018 2:48

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
216	100	215548		
214	76.0	63.0	94.4	
179	17.8	17.0	25.6	
108	11.3	12.8	19.2	

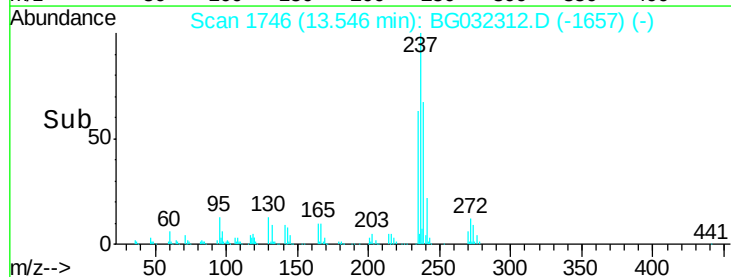
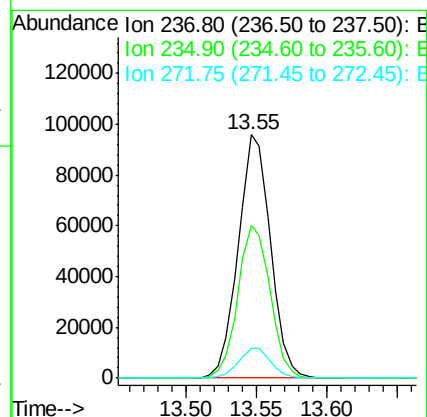
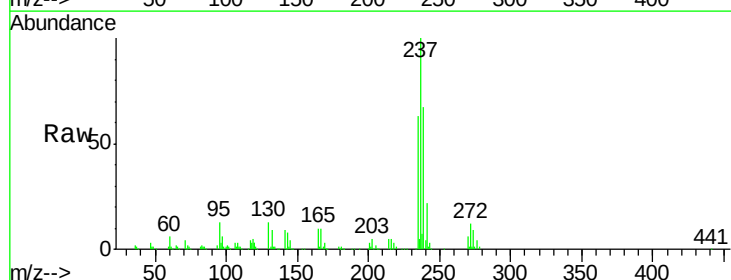
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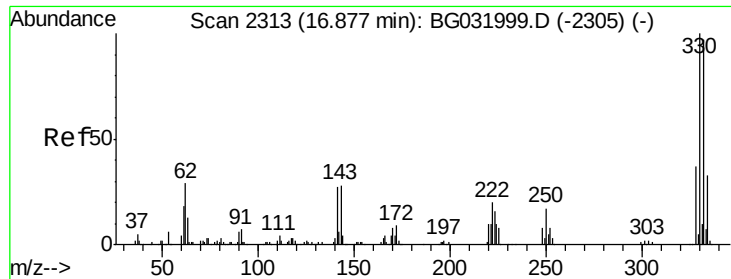
Sohil
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#40
 Hexachlorocyclopentadiene
 Concen: 55.052 ng
 RT: 13.55 min Scan# 1746
 Delta R.T. -0.01 min
 Lab File: BG032312.D
 Acq: 26 Jan 2018 2:48

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	152916		
235	62.6	50.4	90.4	
272	12.4	0.0	31.8	





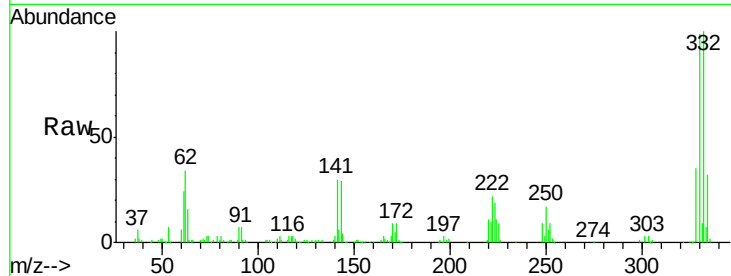
#41
 2,4,6-Tribromophenol
 Concen: 88.050 ng
 RT: 16.83 min Scan# 2305
 Delta R.T. -0.01 min
 Lab File: BG032312.D
 Acq: 26 Jan 2018 2:48

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
330	100	164842		
332	99.0	77.0	115.6	
141	30.1	25.2	37.8	

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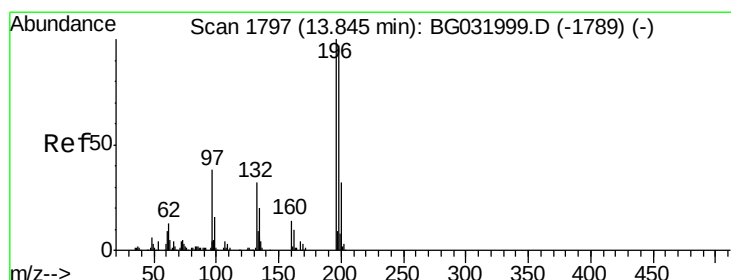
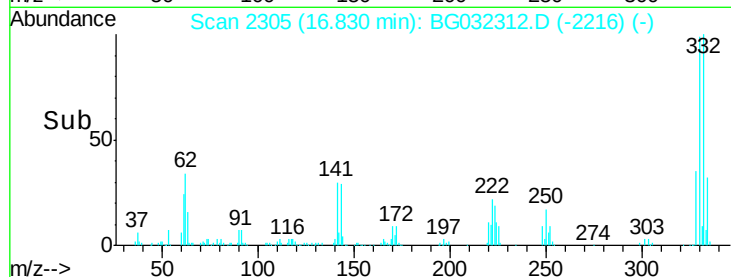
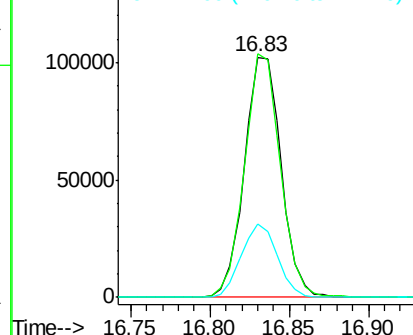


Abundance

Ion 329.80 (329.50 to 330.50): E

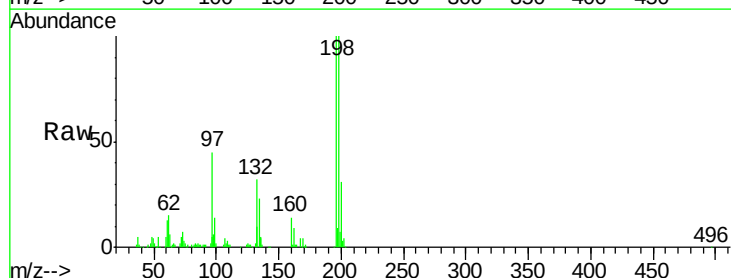
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 43.460 ng
 RT: 13.80 min Scan# 1789
 Delta R.T. -0.01 min
 Lab File: BG032312.D
 Acq: 26 Jan 2018 2:48

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	120426		
198	100.0	78.2	117.2	
200	31.4	24.6	36.8	

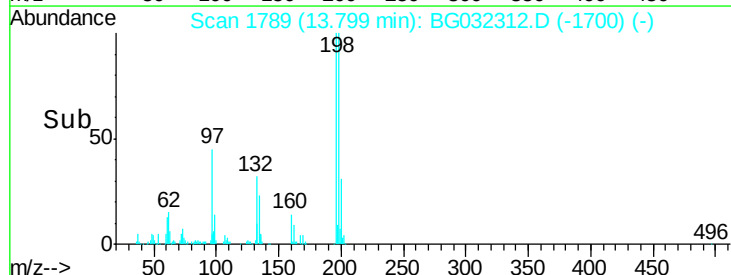
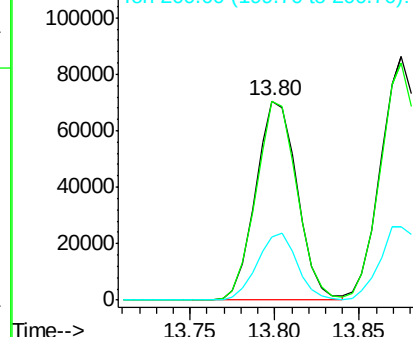


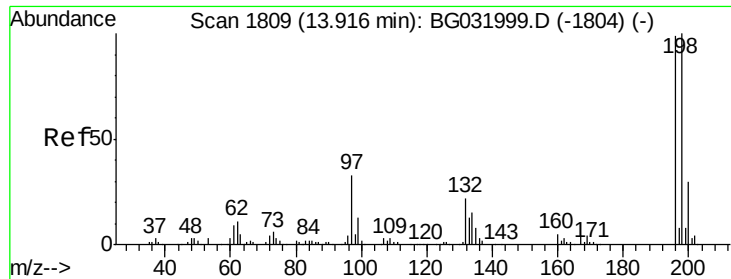
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





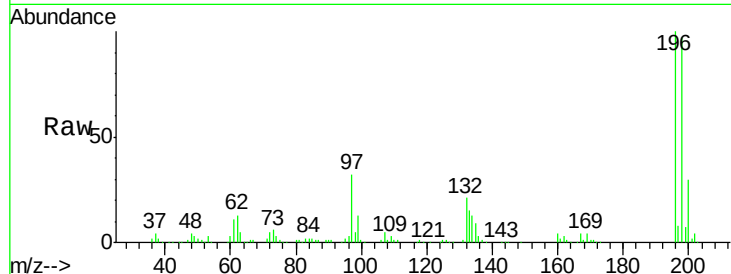
#43
2,4,5-Trichlorophenol
Concen: 44.818 ng
RT: 13.87 min Scan# 1802
Delta R.T. -0.00 min
Lab File: BG032312.D
Acq: 26 Jan 2018 2:48

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
196	100	143747		
198	97.2	76.2	114.4	
97	32.5	38.7	58.1	
132	21.1	20.2	30.2	

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1/26/2018 4:04:01 PM



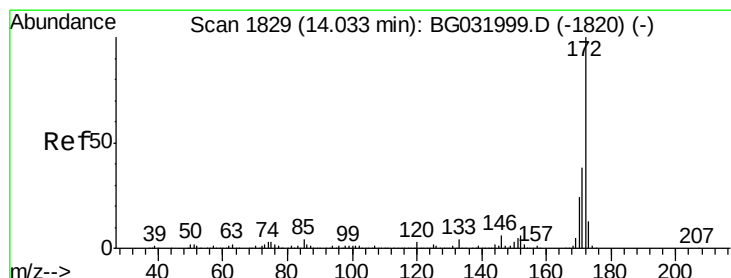
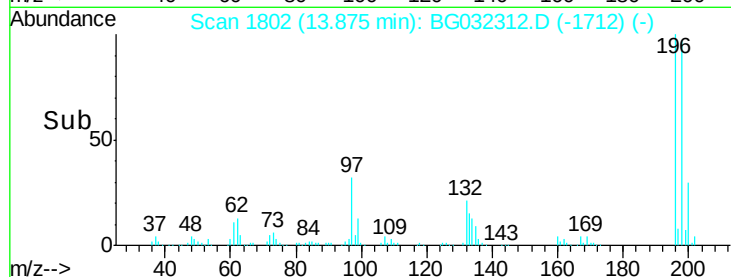
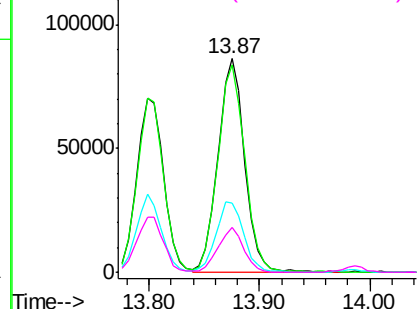
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
2-Fluorobiphenyl
Concen: 82.860 ng
RT: 13.99 min Scan# 1821
Delta R.T. -0.00 min
Lab File: BG032312.D
Acq: 26 Jan 2018 2:48

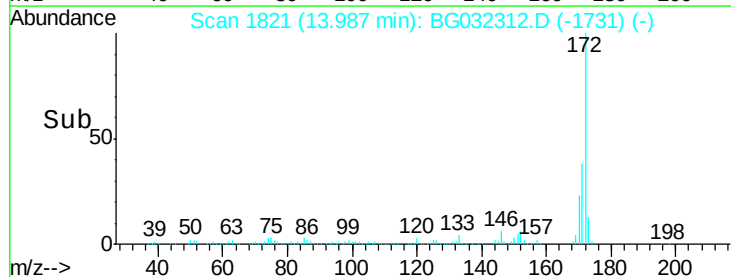
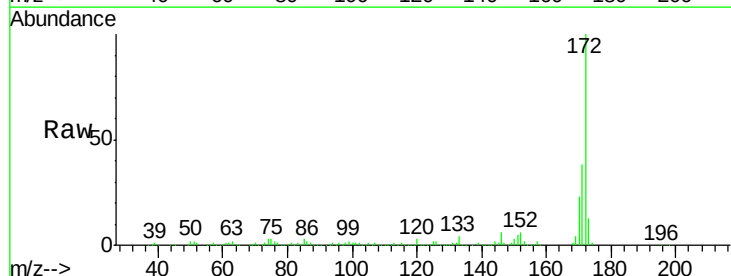
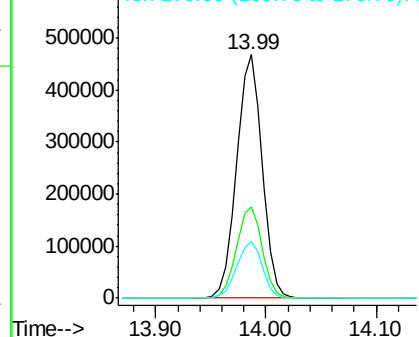
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	756035		
171	37.5	30.0	45.0	
170	23.5	19.5	29.3	

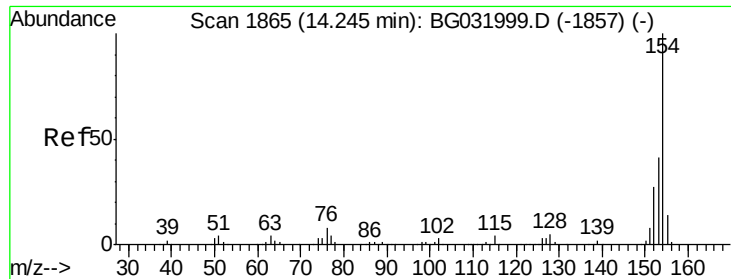
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





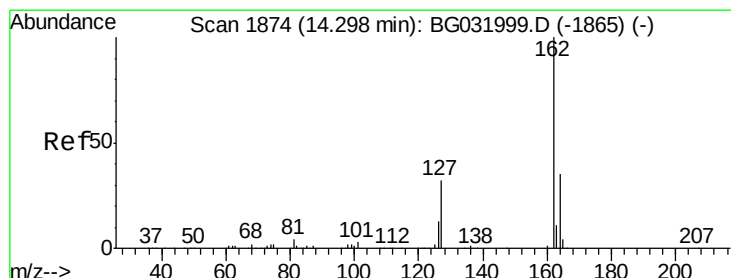
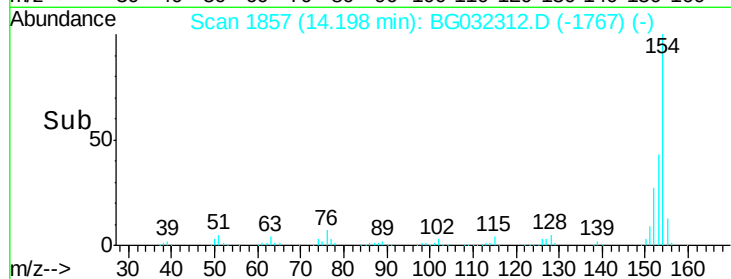
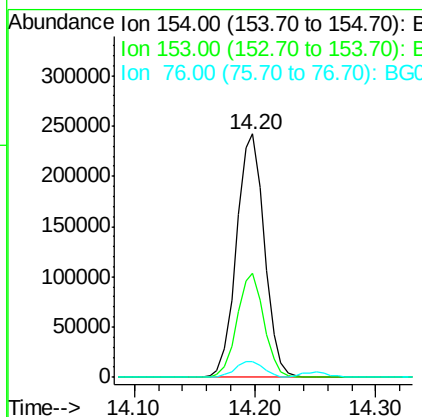
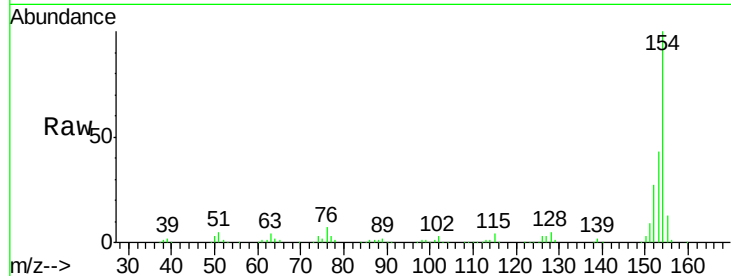
#45
 1,1'-Biphenyl
 Concen: 40.241 ng
 RT: 14.20 min Scan# 1857
 Delta R.T. -0.00 min
 Lab File: BG032312.D
 Acq: 26 Jan 2018 2:48

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
154	100		390296		
153	42.6	19.8	59.8		
76	6.5	0.0	31.9		

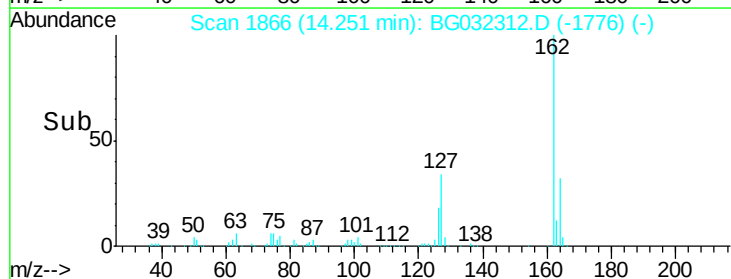
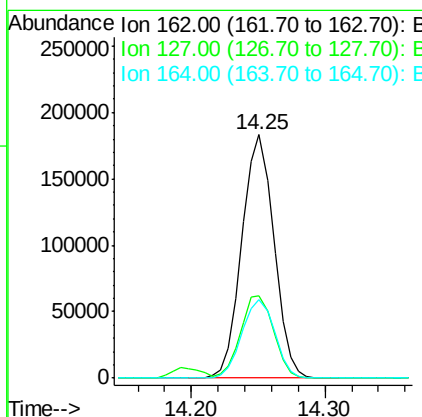
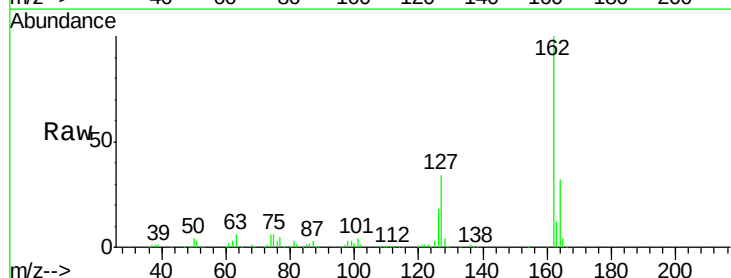
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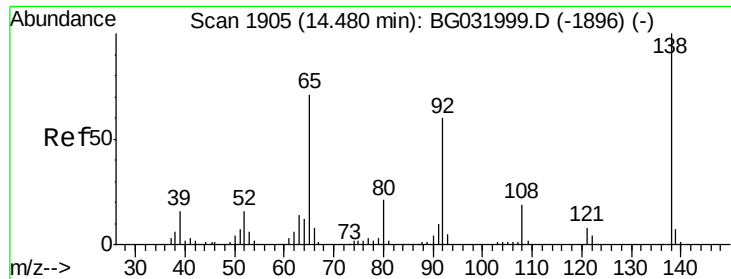
Sohil
 1/26/2018 4:04:01 PM



#46
 2-Chloronaphthalene
 Concen: 40.347 ng
 RT: 14.25 min Scan# 1866
 Delta R.T. -0.00 min
 Lab File: BG032312.D
 Acq: 26 Jan 2018 2:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
162	100		304422		
127	33.9	30.7	46.1		
164	32.5	26.0	39.0		





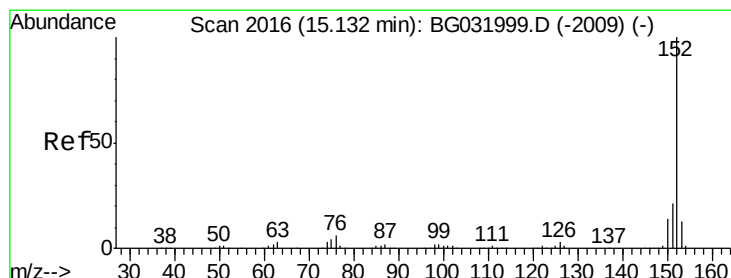
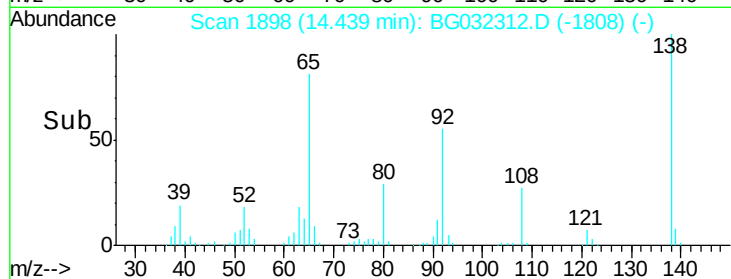
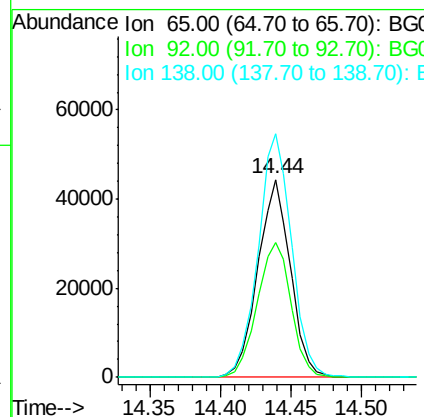
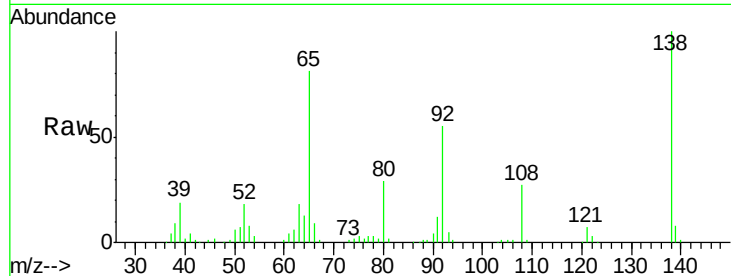
#47
2-Nitroaniline
Concen: 49.682 ng
RT: 14.44 min Scan# 1898
Delta R.T. -0.00 min
Lab File: BG032312.D
Acq: 26 Jan 2018 2:48

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
65	100		
92	68.1	54.6	82.0
138	123.0	72.9	109.3

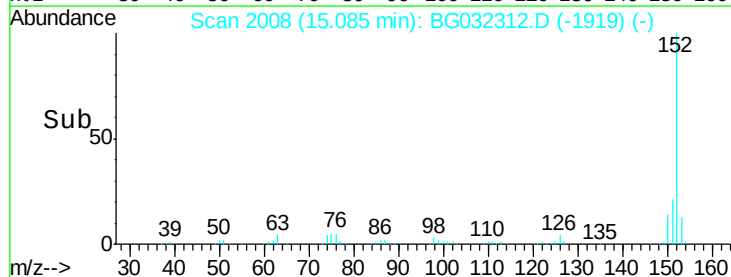
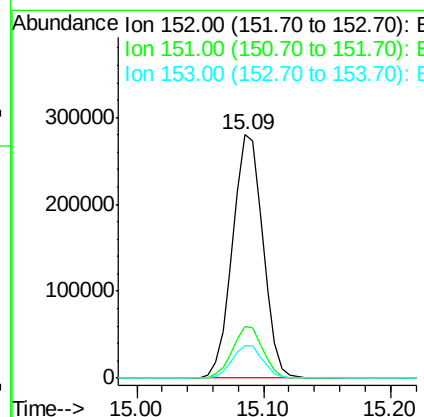
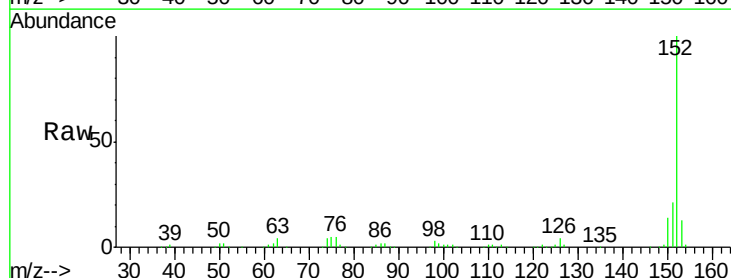
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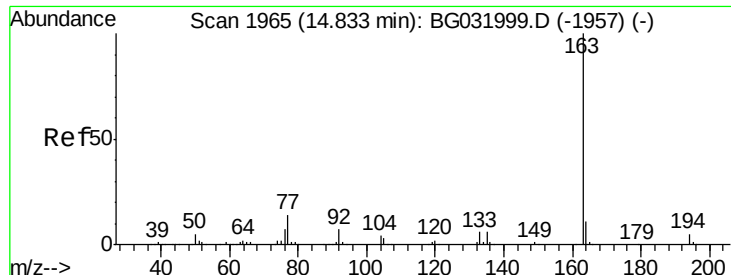
Sohil
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#48
Acenaphthylene
Concen: 40.343 ng
RT: 15.09 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BG032312.D
Acq: 26 Jan 2018 2:48

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.0	17.2	25.8
153	13.3	10.2	15.4





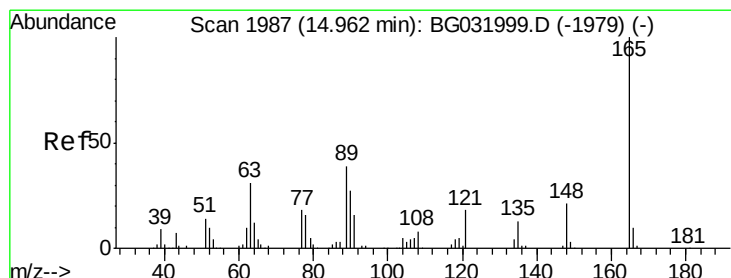
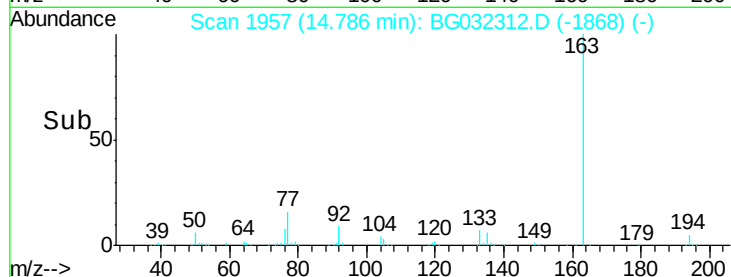
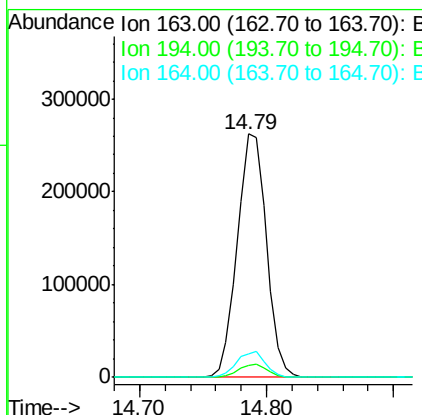
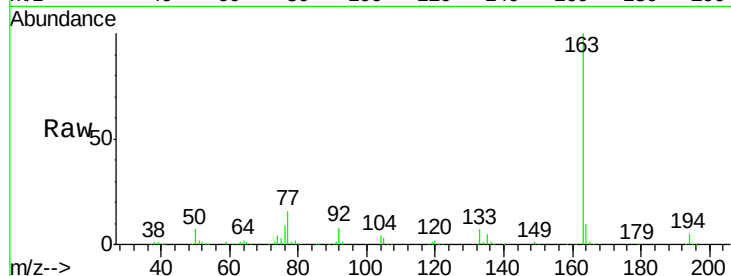
#49
Dimethylphthalate
Concen: 42.169 ng
RT: 14.79 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BG032312.D
Acq: 26 Jan 2018 2:48

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
163	100		
194	5.0	3.4	5.2
164	9.7	8.2	12.4

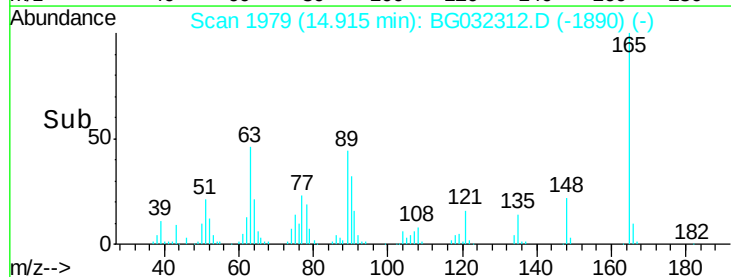
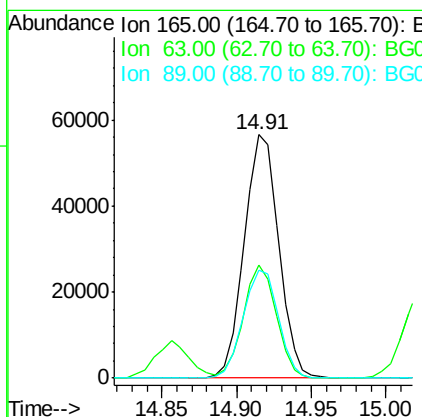
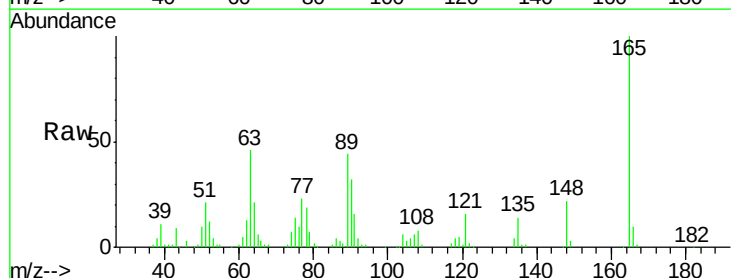
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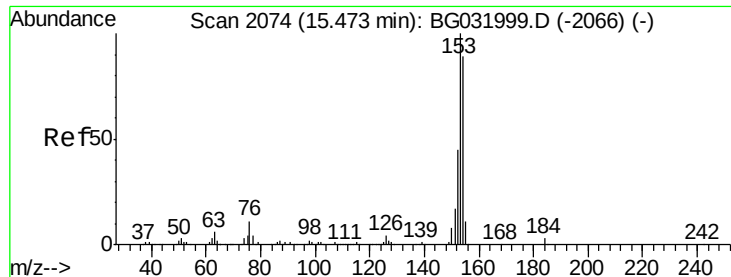
Sohil
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#50
2,6-Dinitrotoluene
Concen: 43.898 ng
RT: 14.91 min Scan# 1979
Delta R.T. -0.01 min
Lab File: BG032312.D
Acq: 26 Jan 2018 2:48

Tgt Ion	Ratio	Lower	Upper
165	100		
63	46.3	52.7	79.1#
89	44.4	49.2	73.8#





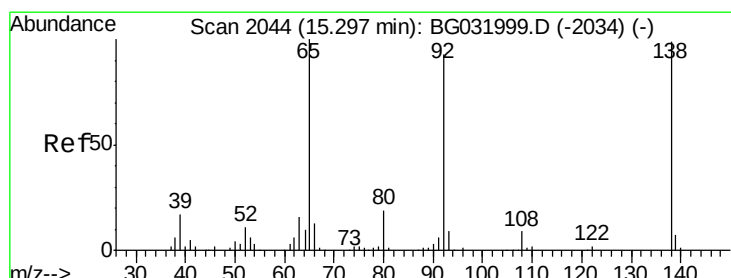
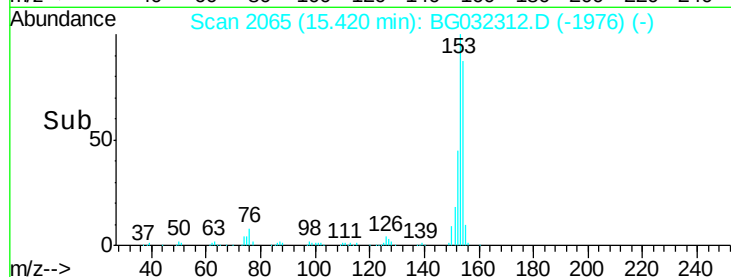
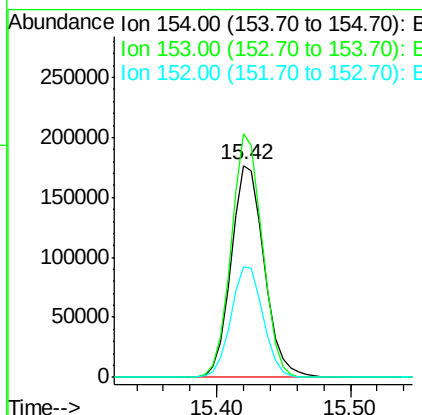
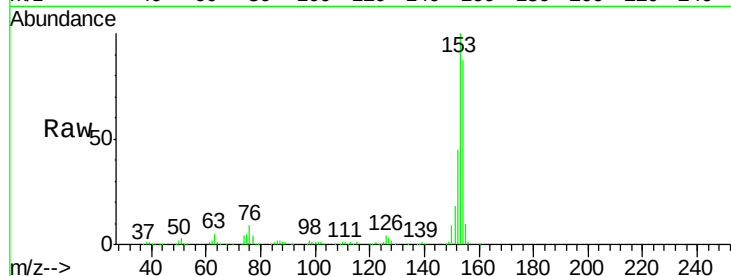
#51
Acenaphthene
Concen: 40.098 ng
RT: 15.42 min Scan# 2065
Delta R.T. -0.01 min
Lab File: BG032312.D
Acq: 26 Jan 2018 2:48

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
154	100		
153	114.8	90.4	135.6
152	52.0	41.6	62.4

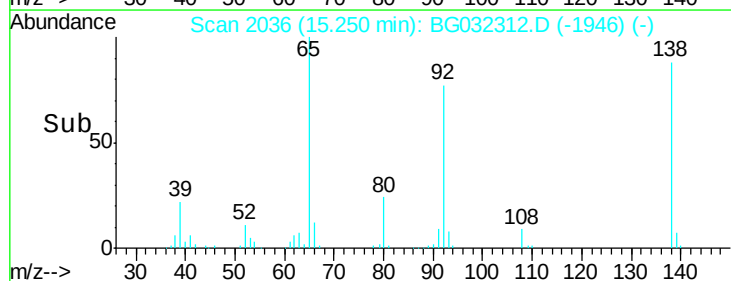
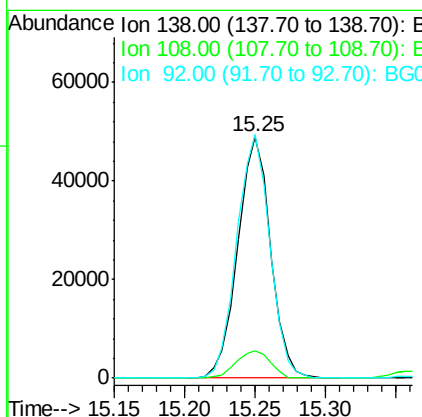
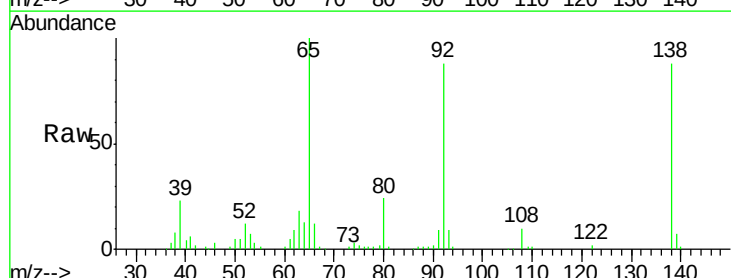
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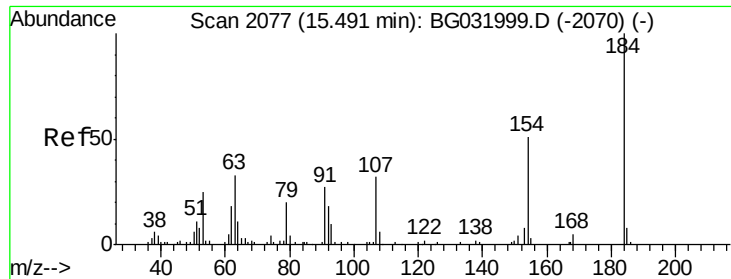
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#52
3-Nitroaniline
Concen: 42.838 ng
RT: 15.25 min Scan# 2036
Delta R.T. -0.00 min
Lab File: BG032312.D
Acq: 26 Jan 2018 2:48

Tgt Ion	Ratio	Lower	Upper
138	100		
108	11.3	17.5	26.3#
92	100.9	105.8	158.8#





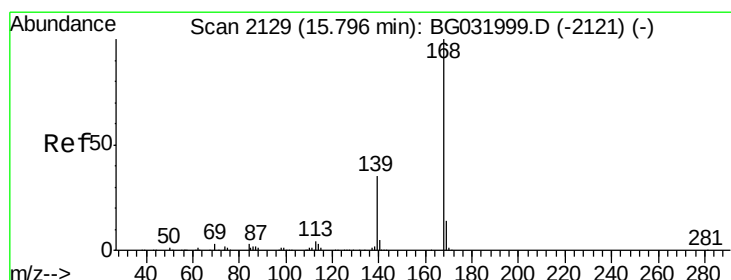
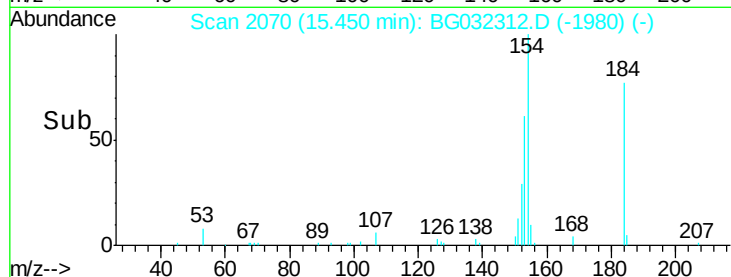
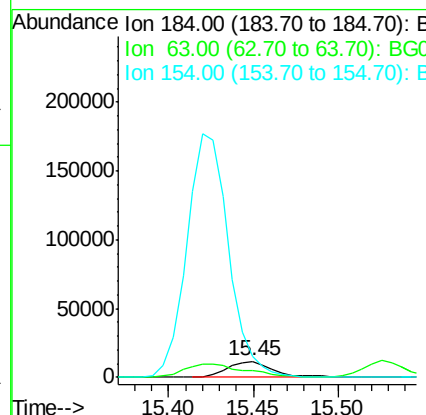
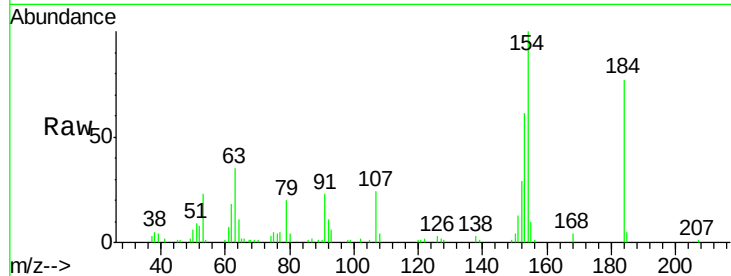
#53
 2,4-Dinitrophenol
 Concen: 25.722 ng
 RT: 15.45 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: BG032312.D
 Acq: 26 Jan 2018 2:48

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
184	100		
63	44.8	59.8	89.8#
154	129.7	101.8	152.8

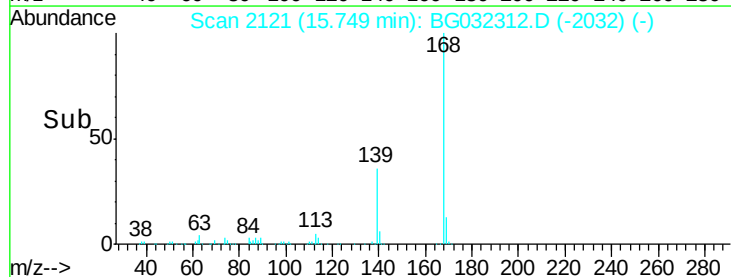
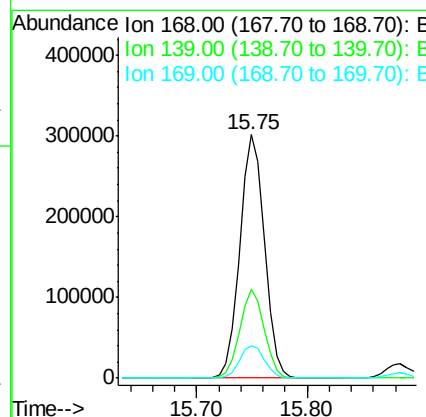
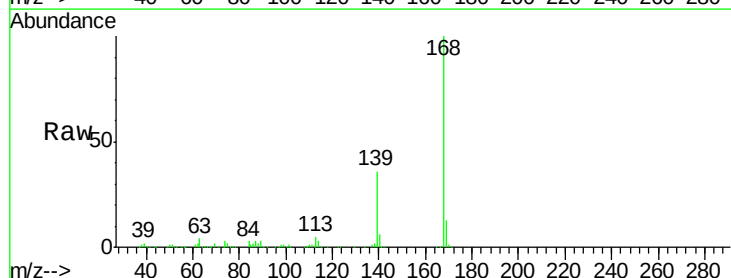
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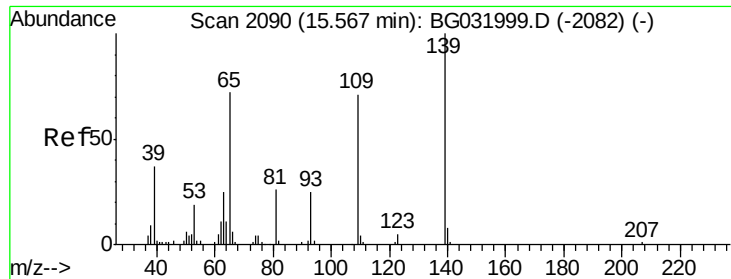
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#54
 Dibenzofuran
 Concen: 41.715 ng
 RT: 15.75 min Scan# 2121
 Delta R.T. -0.01 min
 Lab File: BG032312.D
 Acq: 26 Jan 2018 2:48

Tgt Ion	Ratio	Lower	Upper
168	100		
139	36.3	28.6	43.0
169	13.5	11.2	16.8





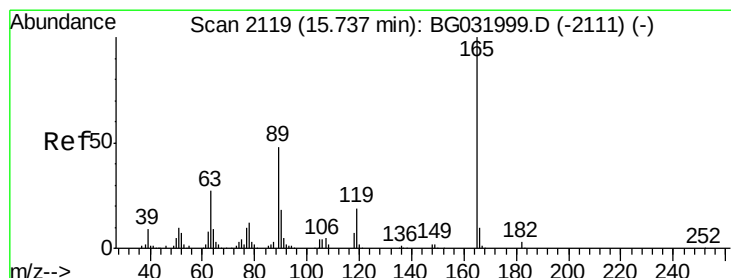
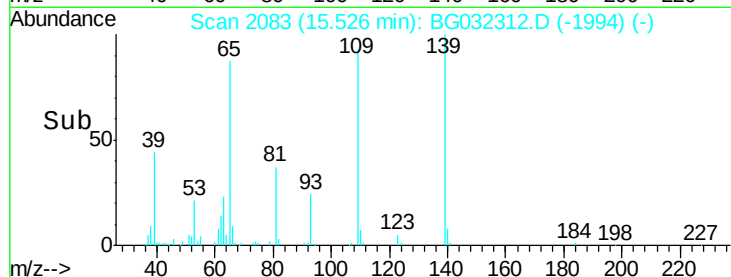
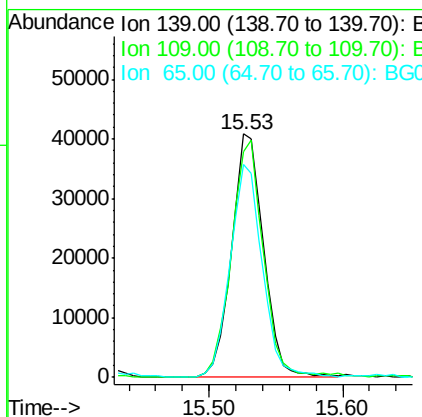
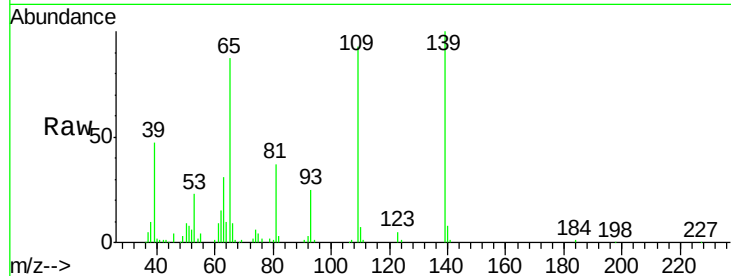
#55
4-Nitrophenol
Concen: 50.319 ng
RT: 15.53 min Scan# 2083
Delta R.T. -0.01 min
Lab File: BG032312.D
Acq: 26 Jan 2018 2:48

Instrument :
BNA_G
ClientSampled :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
139	100		
109	92.8	62.2	102.2
65	87.4	97.2	137.2#

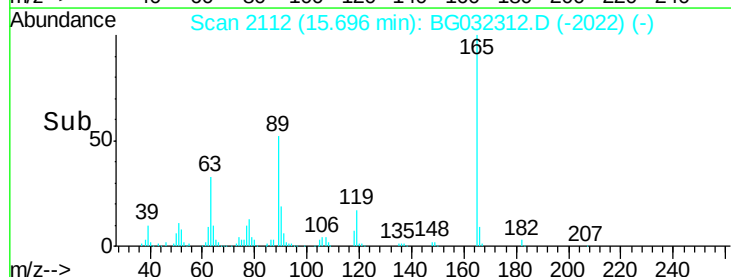
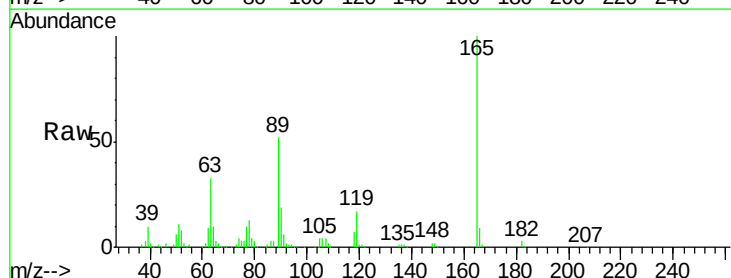
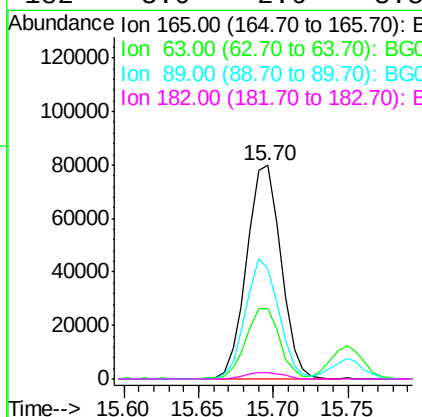
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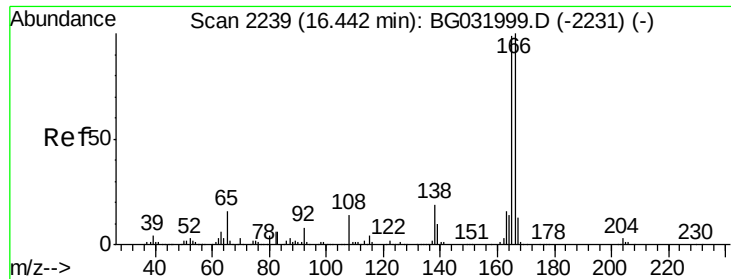
Sohil
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#56
2,4-Dinitrotoluene
Concen: 45.924 ng
RT: 15.70 min Scan# 2112
Delta R.T. -0.00 min
Lab File: BG032312.D
Acq: 26 Jan 2018 2:48

Tgt Ion	Ratio	Lower	Upper
165	100		
63	32.7	42.0	63.0#
89	51.8	66.9	100.3#
182	3.0	2.6	3.8





#57

Fluorene

Concen: 41.357 ng

RT: 16.40 min Scan# 2231

Delta R.T. -0.00 min

Lab File: BG032312.D

Acq: 26 Jan 2018 2:48

Instrument :

BNA_G

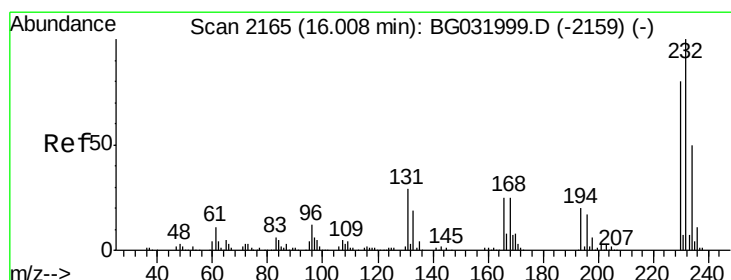
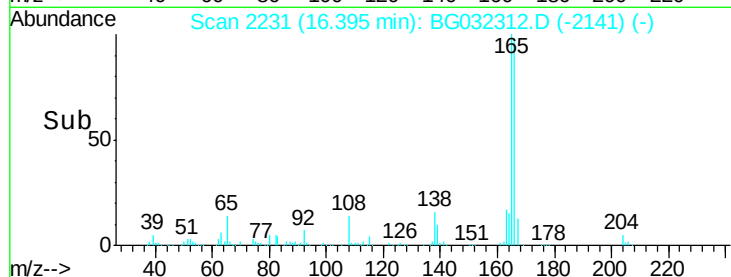
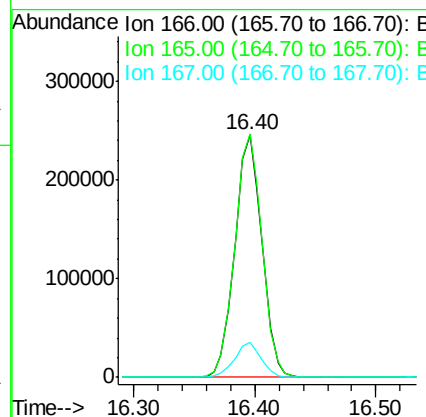
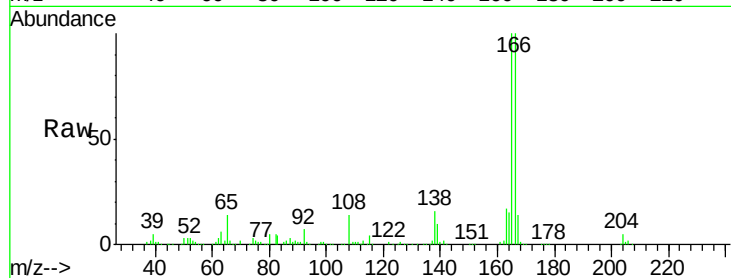
ClientSampleId :

SSTDCCC040EC

Tot Ion:	166	Resp:	384424
Ion Ratio	Lower	Upper	
166	100		
165	100.3	80.6	121.0
167	14.4	10.4	15.6

Manual Integrations
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1/26/2018 4:04:01 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 46.013 ng

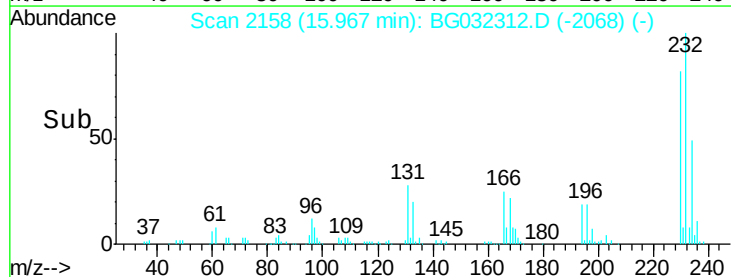
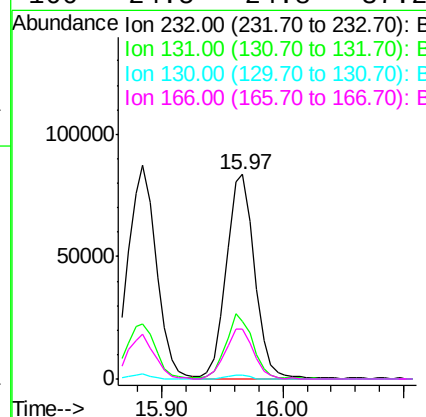
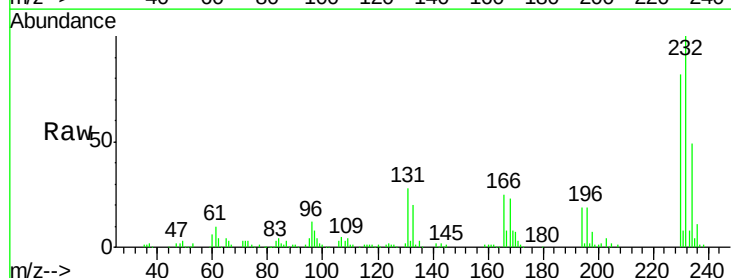
RT: 15.97 min Scan# 2158

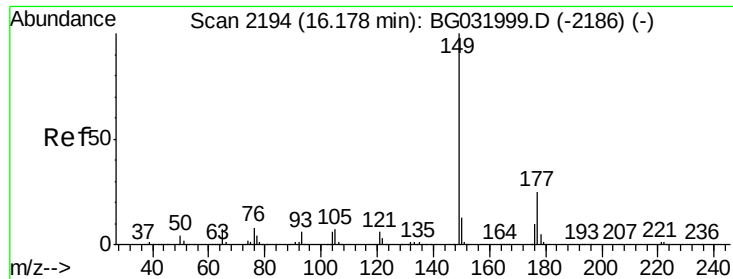
Delta R.T. -0.00 min

Lab File: BG032312.D

Acq: 26 Jan 2018 2:48

Tgt Ion:	232	Resp:	136525
Ion Ratio	Lower	Upper	
232	100		
131	30.5	33.5	50.3#
130	1.7	2.2	3.2#
166	24.5	24.8	37.2#





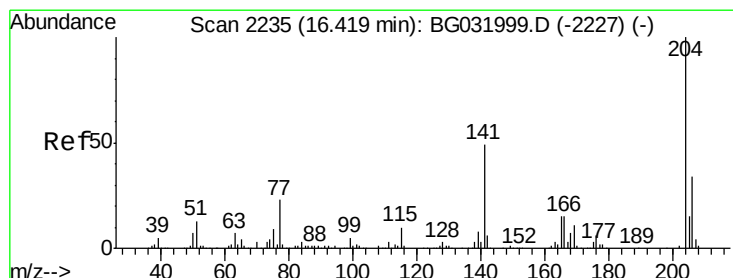
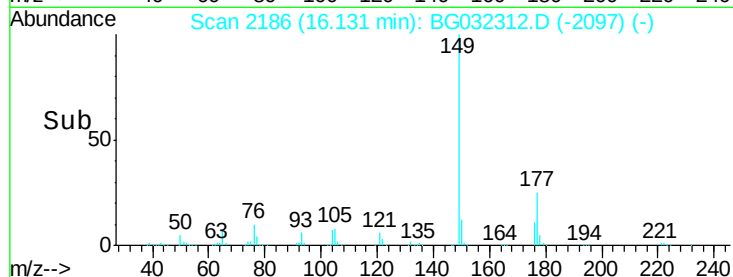
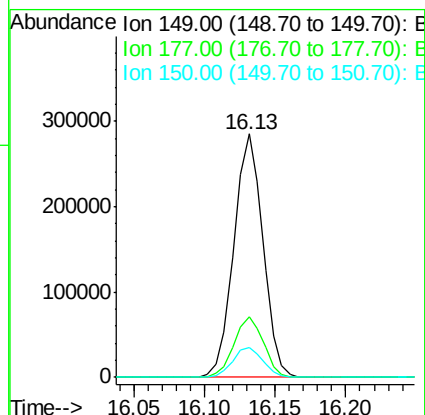
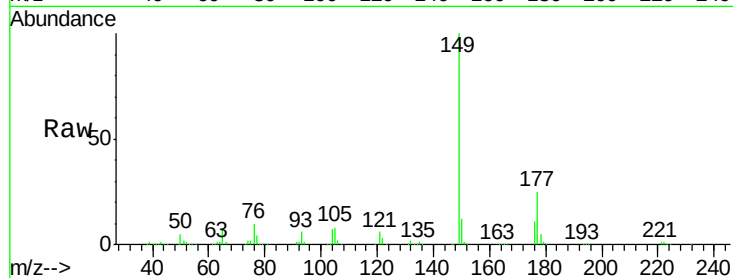
#59
Diethylphthalate
Concen: 42.469 ng
RT: 16.13 min Scan# 2186
Delta R.T. -0.01 min
Lab File: BG032312.D
Acq: 26 Jan 2018 2:48

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
149	100		
177	24.7	18.5	27.7
150	12.4	10.2	15.2

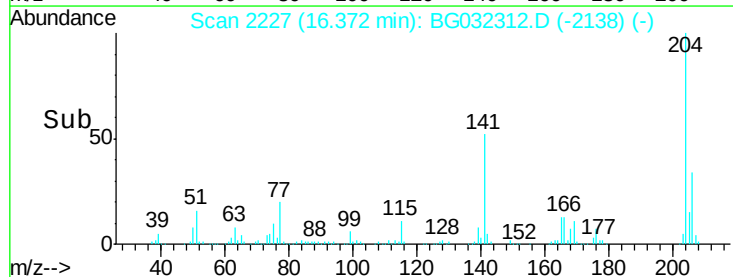
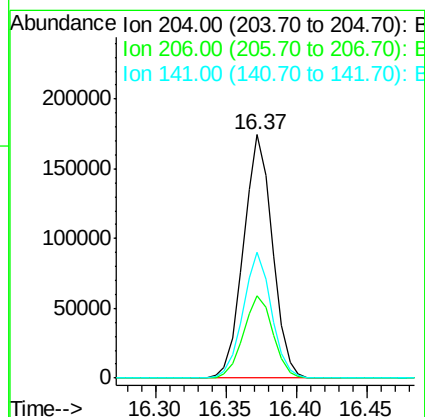
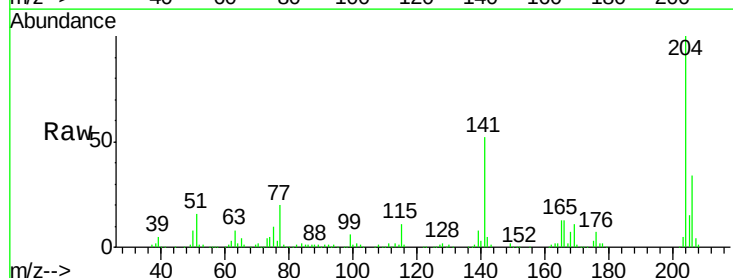
Manual Integrations
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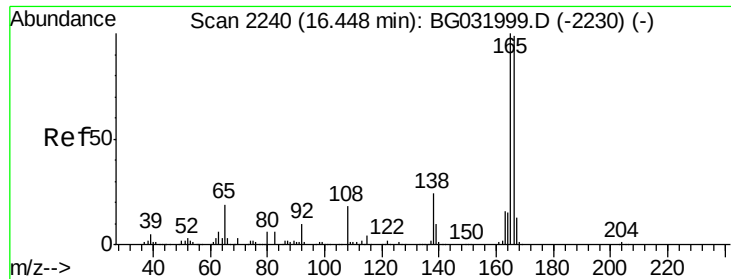
Sohil
1/26/2018 4:04:01 PM



#60
4-Chlorophenyl-phenylether
Concen: 43.860 ng
RT: 16.37 min Scan# 2227
Delta R.T. -0.01 min
Lab File: BG032312.D
Acq: 26 Jan 2018 2:48

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.7	26.2	39.2
141	51.7	45.8	68.6





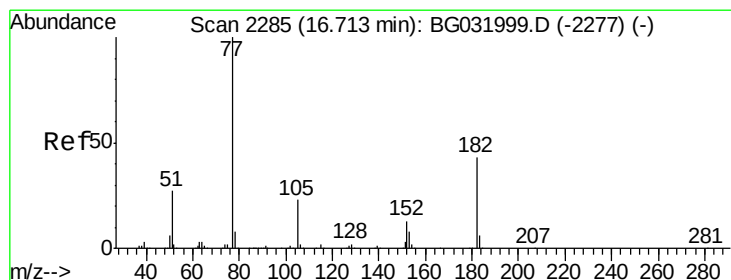
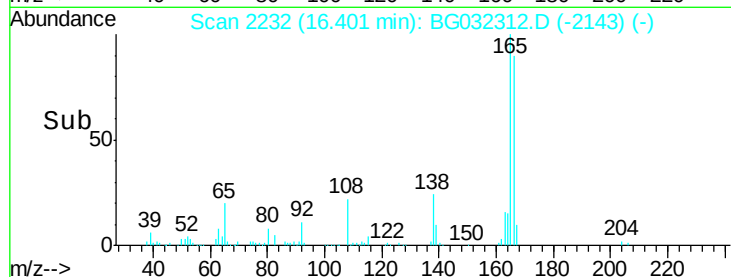
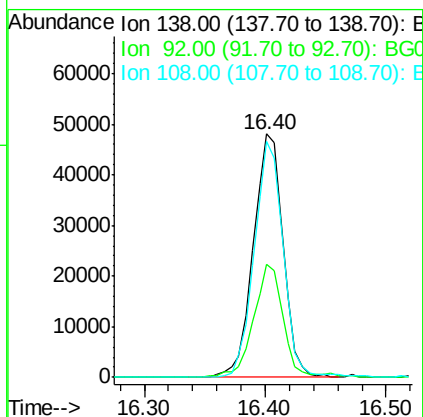
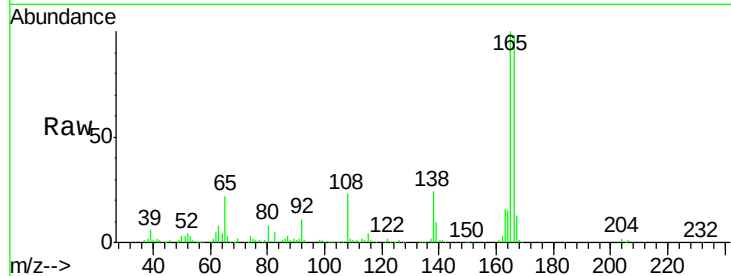
#61
4-Nitroaniline
Concen: 46.418 ng
RT: 16.40 min Scan# 2232
Delta R.T. -0.01 min
Lab File: BG032312.D
Acq: 26 Jan 2018 2:48

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
138	100		
92	46.7	40.1	80.1
108	96.8	65.4	105.4

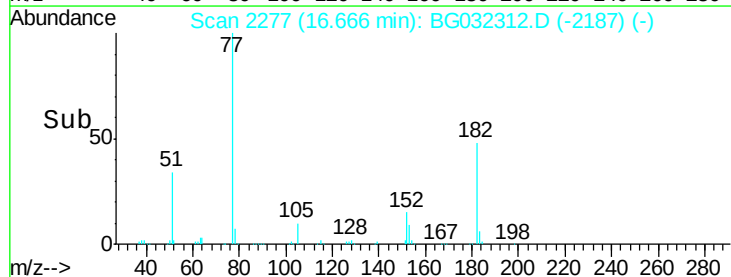
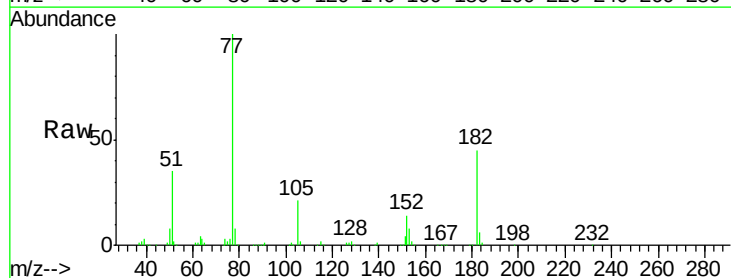
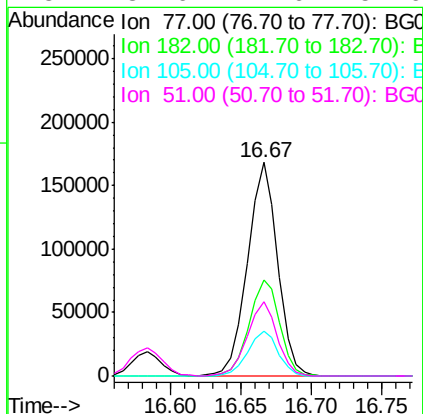
Manual Integrations
APPROVED

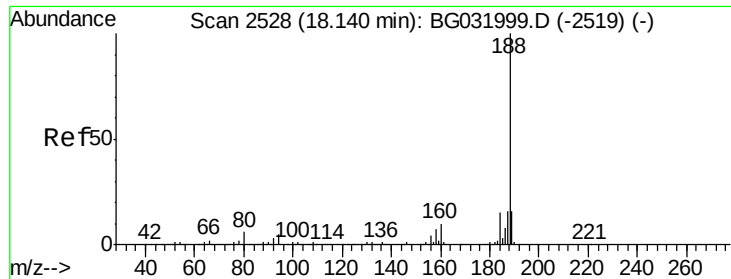
Sohil
1/26/2018 4:04:01 PM



#62
Azobenzene
Concen: 41.630 ng
RT: 16.67 min Scan# 2277
Delta R.T. -0.00 min
Lab File: BG032312.D
Acq: 26 Jan 2018 2:48

Tgt Ion	Ratio	Lower	Upper
77	100		
182	45.1	7.4	47.4
105	20.8	0.3	40.3
51	34.6	11.6	51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.09 min Scan# 2519

Delta R.T. -0.01 min

Lab File: BG032312.D

Acq: 26 Jan 2018 2:48

Instrument :

BNA_G

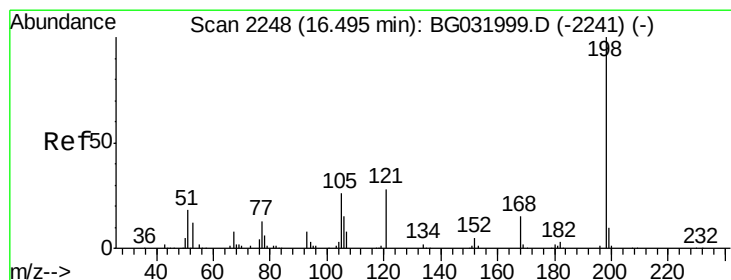
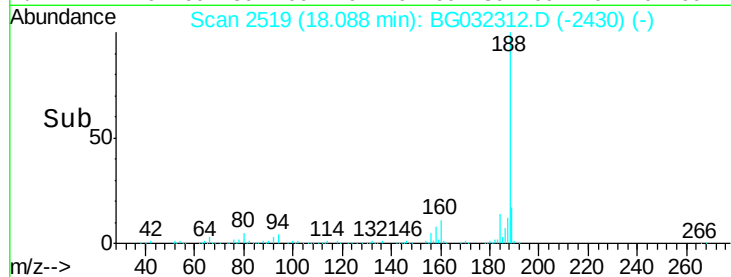
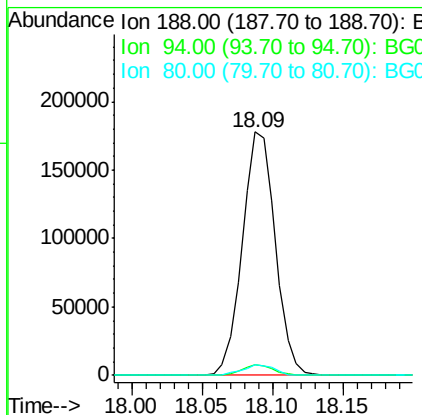
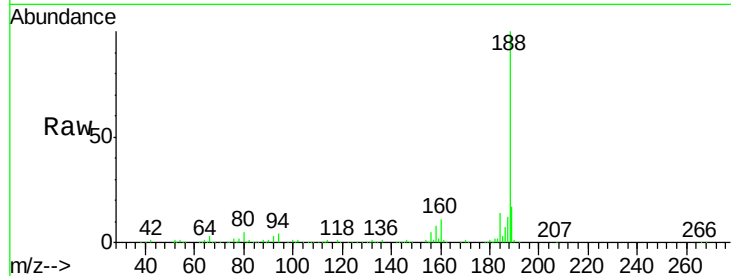
ClientSampleId :

SSTDCCC040EC

Tot Ion:	188	Resp:	290489
Ion Ratio	Lower	Upper	
188	100		
94	4.4	6.9	10.3#
80	4.6	7.7	11.5#

Manual Integrations
APPROVED

Sohil
1/26/2018 4:04:01 PM



#64

4,6-Dinitro-2-methylphenol

Concen: 33.622 ng

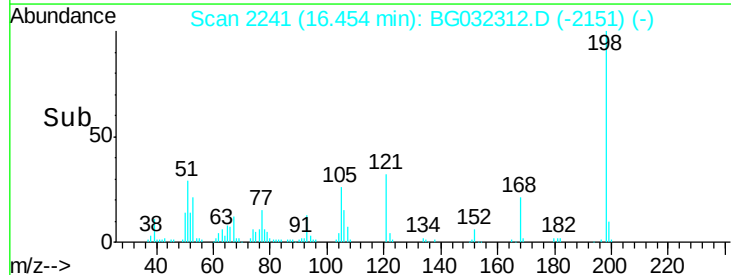
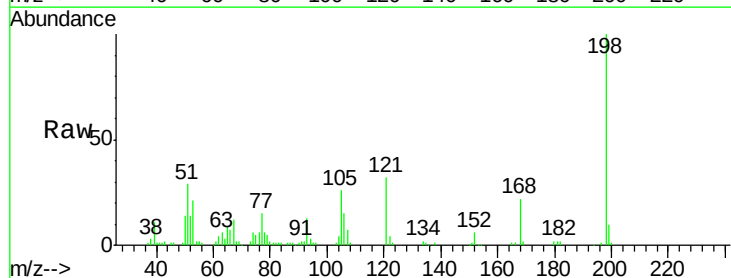
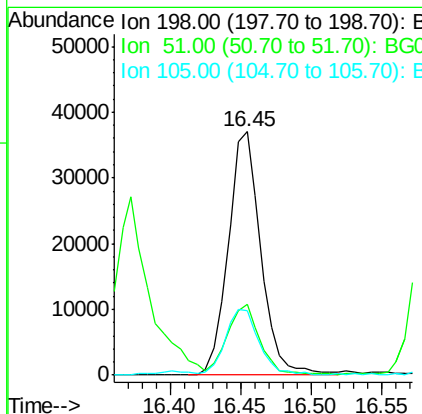
RT: 16.45 min Scan# 2241

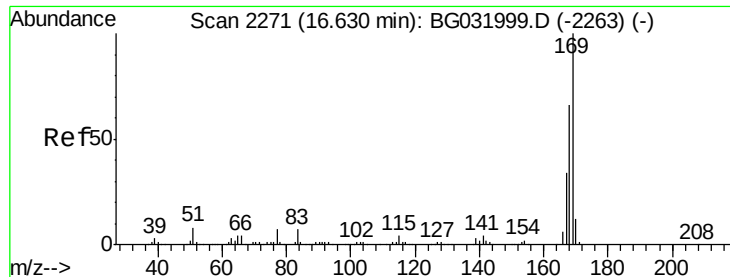
Delta R.T. -0.00 min

Lab File: BG032312.D

Acq: 26 Jan 2018 2:48

Tgt Ion:	198	Resp:	59486
Ion Ratio	Lower	Upper	
198	100		
51	28.9	30.6	70.6#
105	26.4	23.8	63.8





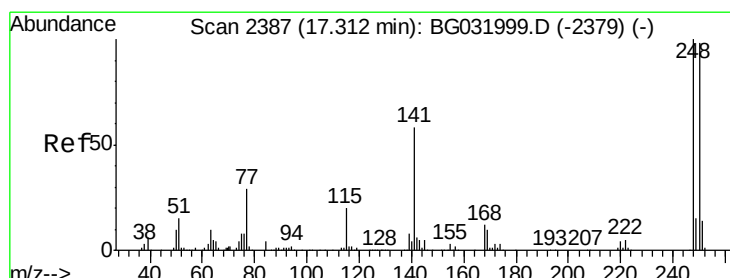
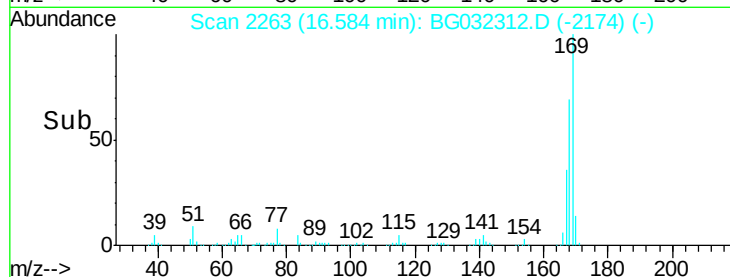
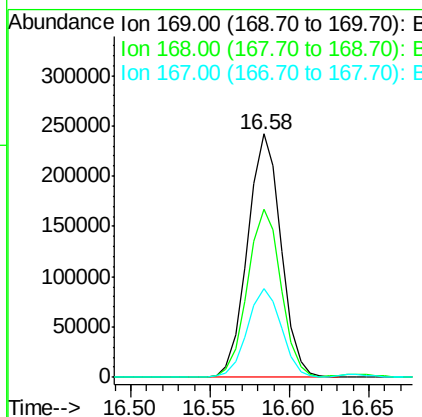
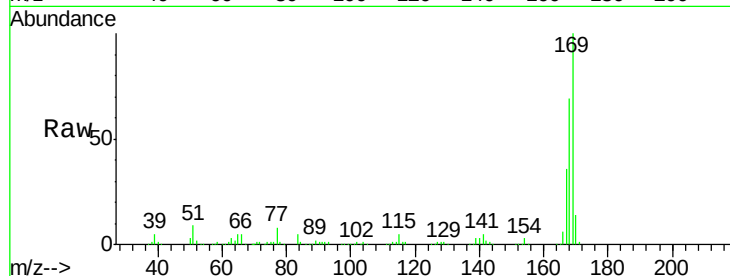
#65
 n-Nitrosodiphenylamine
 Concen: 40.238 ng
 RT: 16.58 min Scan# 2263
 Delta R.T. -0.01 min
 Lab File: BG032312.D
 Acq: 26 Jan 2018 2:48

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
169	100		
168	69.1	55.7	83.5
167	36.4	30.1	45.1

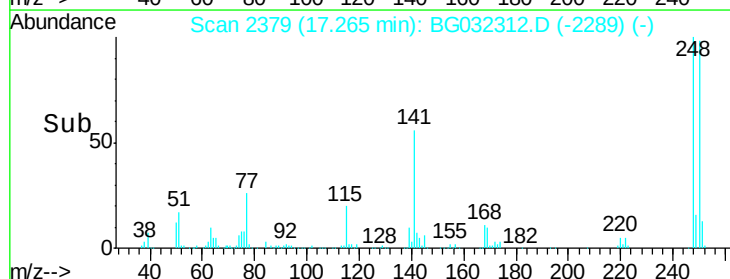
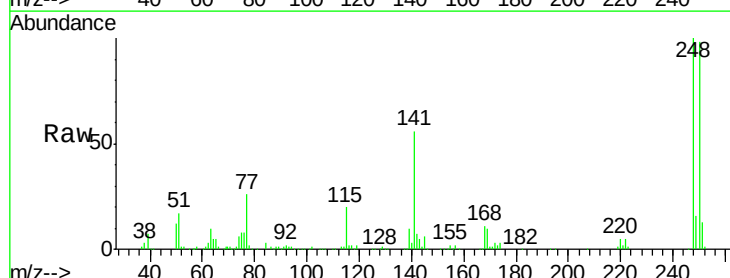
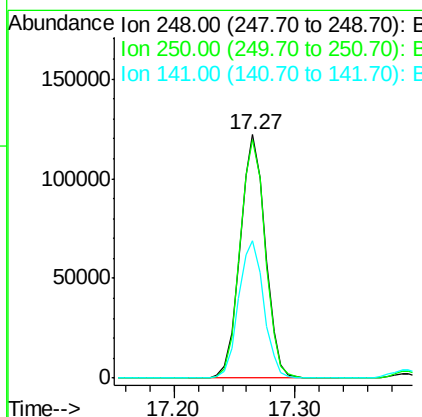
Manual Integrations
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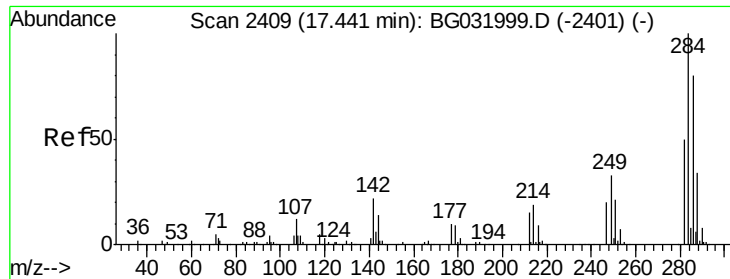
Sohil
 1/26/2018 4:04:01 PM



#66
 4-Bromophenyl-phenylether
 Concen: 42.838 ng
 RT: 17.27 min Scan# 2379
 Delta R.T. -0.00 min
 Lab File: BG032312.D
 Acq: 26 Jan 2018 2:48

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.0	77.1	115.7
141	56.4	50.8	76.2





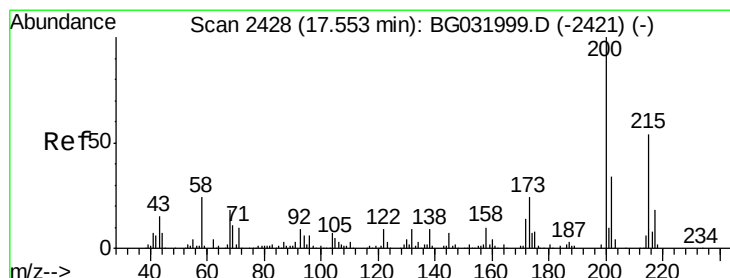
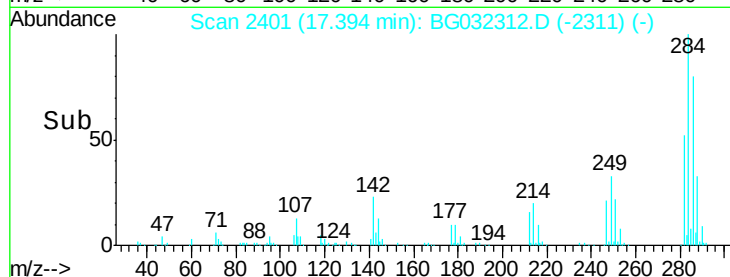
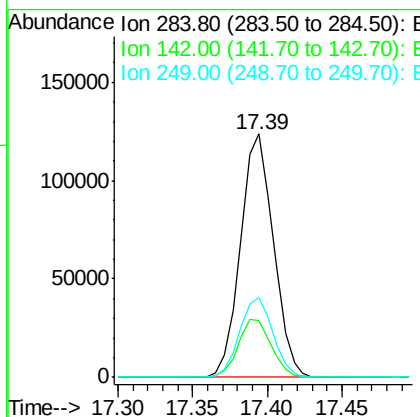
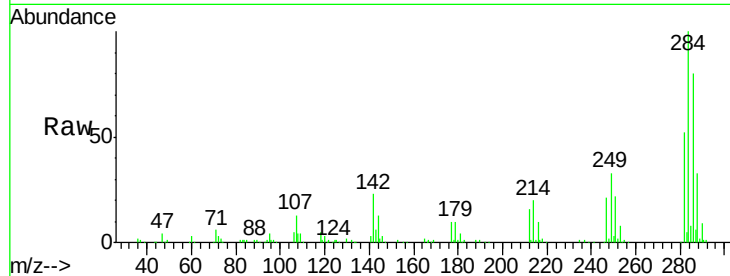
#67
Hexachlorobenzene
Concen: 41.322 ng
RT: 17.39 min Scan# 2401
Delta R.T. -0.00 min
Lab File: BG032312.D
Acq: 26 Jan 2018 2:48

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
284	100	188953		
142	23.3	26.8	40.2	#
249	32.8	26.3	39.5	

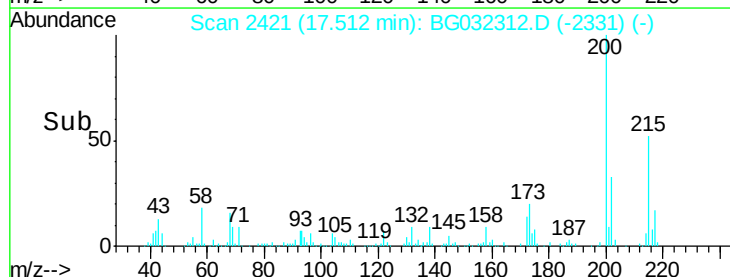
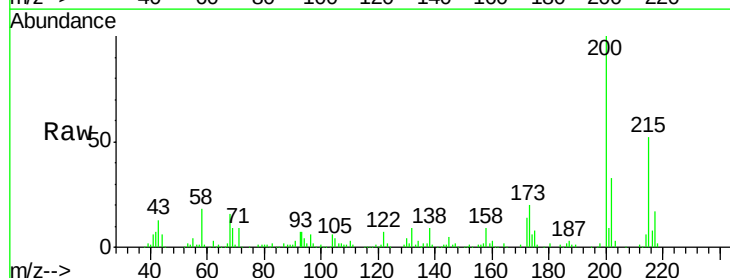
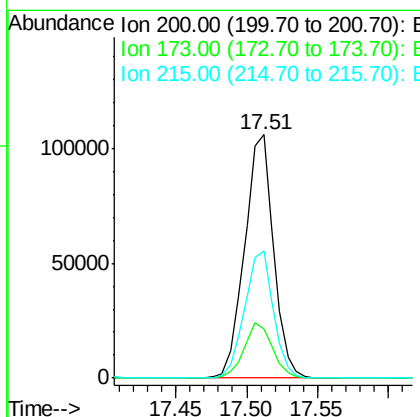
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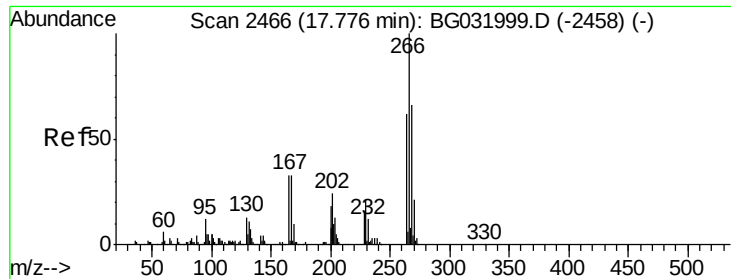
Sohil
1/26/2018 4:04:01 PM



#68
Atrazine
Concen: 41.044 ng
RT: 17.51 min Scan# 2421
Delta R.T. -0.00 min
Lab File: BG032312.D
Acq: 26 Jan 2018 2:48

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	152148		
173	20.0	5.2	45.2	
215	52.0	30.4	70.4	





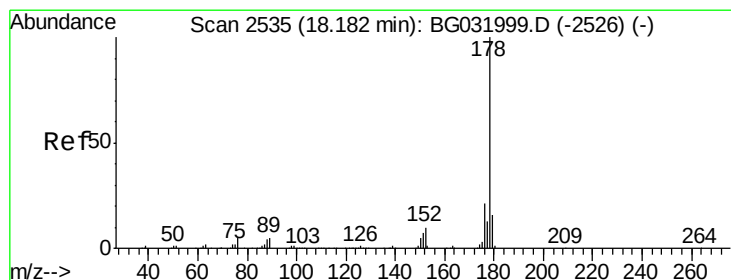
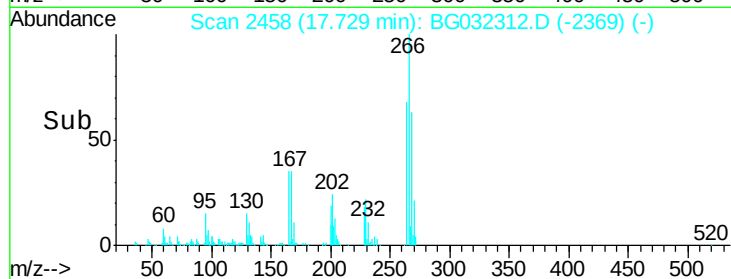
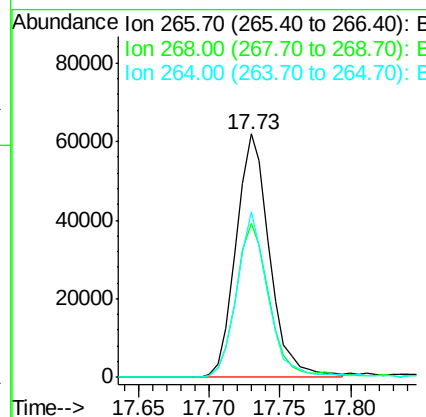
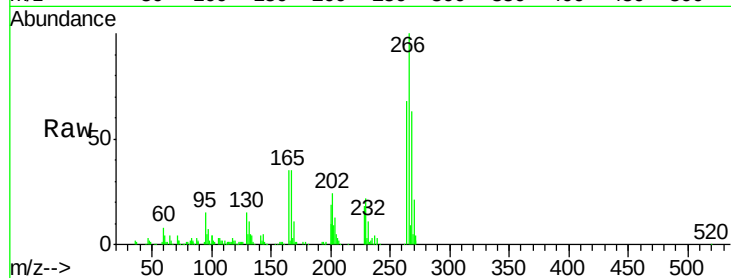
#69
 Pentachlorophenol
 Concen: 35.089 ng
 RT: 17.73 min Scan# 2458
 Delta R.T. -0.01 min
 Lab File: BG032312.D
 Acq: 26 Jan 2018 2:48

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.1	51.1	76.7
264	68.1	49.6	74.4

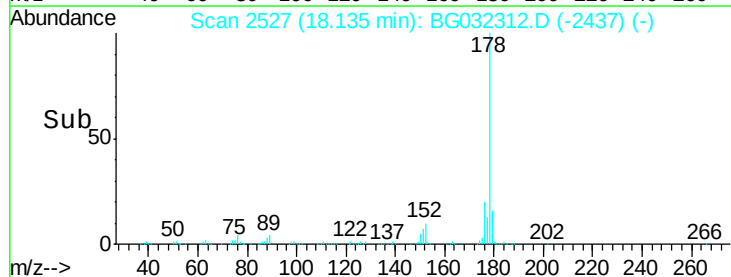
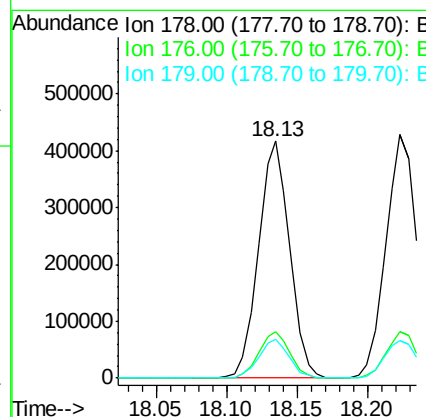
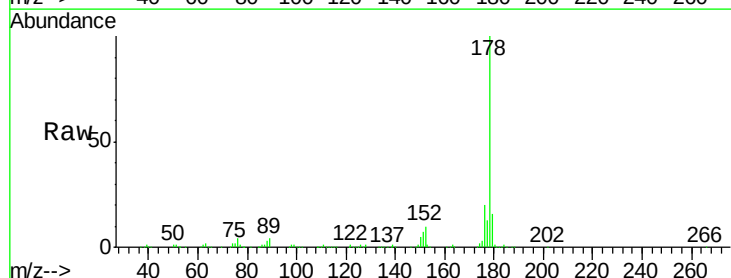
Manual Integrations
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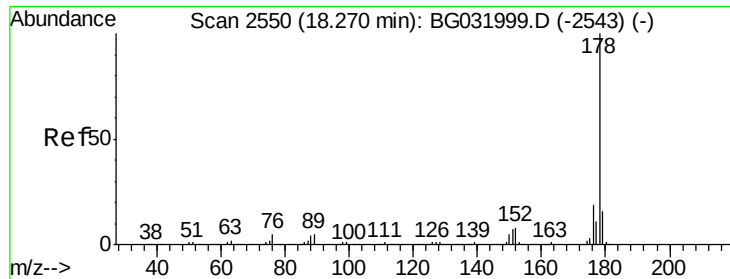
Sohil
 1/26/2018 4:04:01 PM



#70
 Phenanthrene
 Concen: 39.938 ng
 RT: 18.13 min Scan# 2527
 Delta R.T. -0.00 min
 Lab File: BG032312.D
 Acq: 26 Jan 2018 2:48

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.7	23.5
179	16.2	12.5	18.7





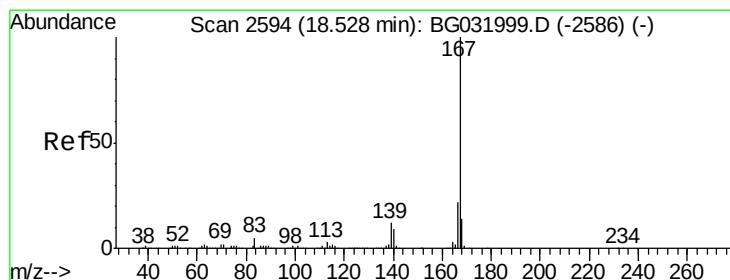
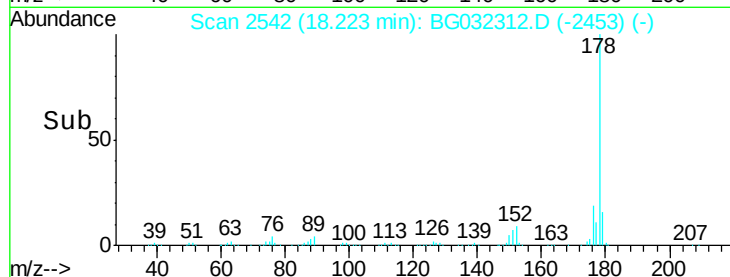
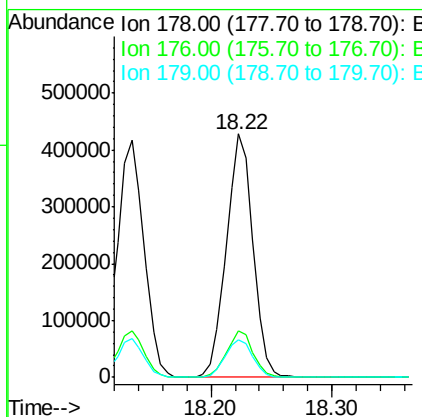
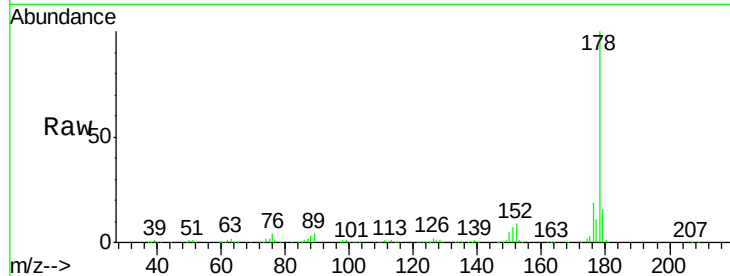
#71
 Anthracene
 Concen: 40.498 ng
 RT: 18.22 min Scan# 2542
 Delta R.T. -0.01 min
 Lab File: BG032312.D
 Acq: 26 Jan 2018 2:48

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.0	24.0
179	15.5	12.5	18.7

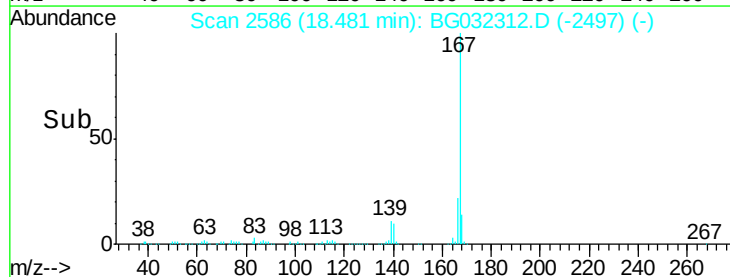
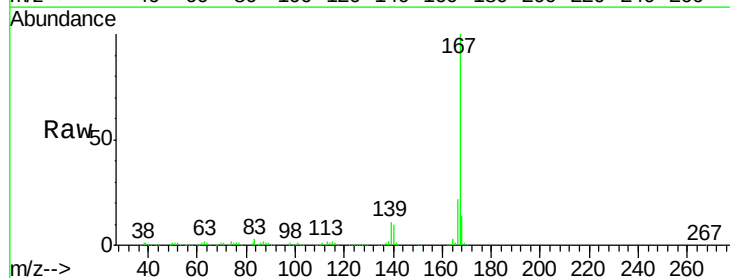
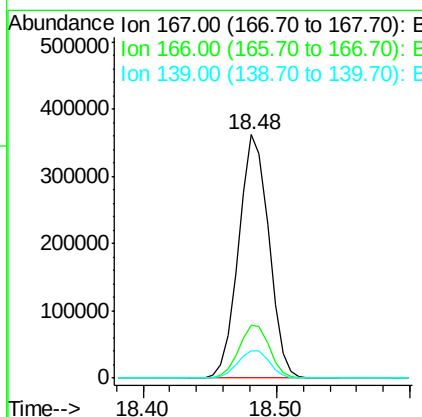
Manual Integrations
 APPROVED

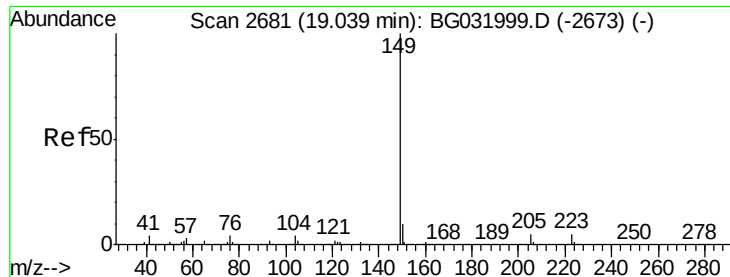
Sohil
 1/26/2018 4:04:01 PM



#72
 Carbazole
 Concen: 40.451 ng
 RT: 18.48 min Scan# 2586
 Delta R.T. -0.01 min
 Lab File: BG032312.D
 Acq: 26 Jan 2018 2:48

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.7	18.2	27.4
139	11.2	9.4	14.2





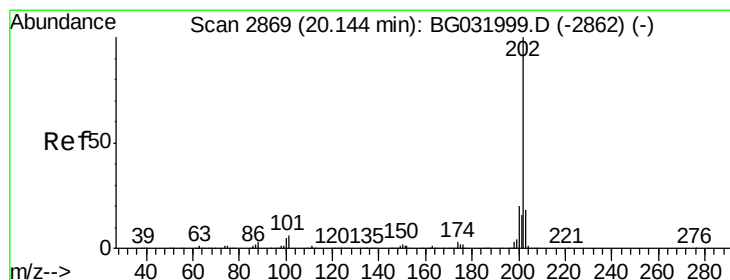
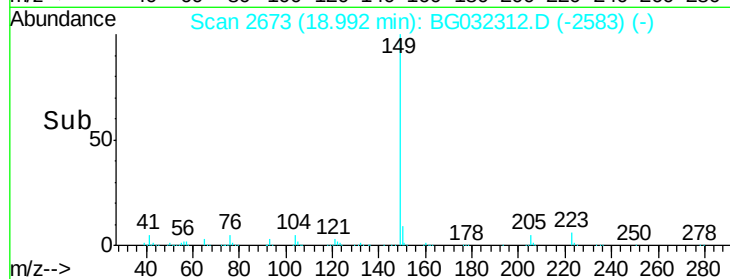
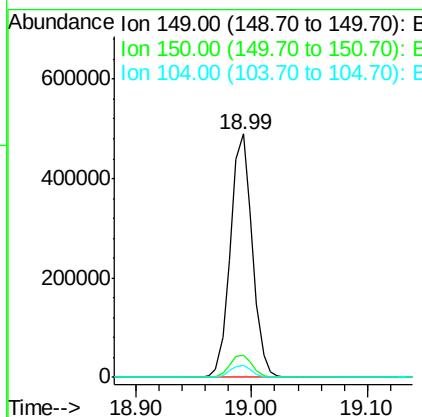
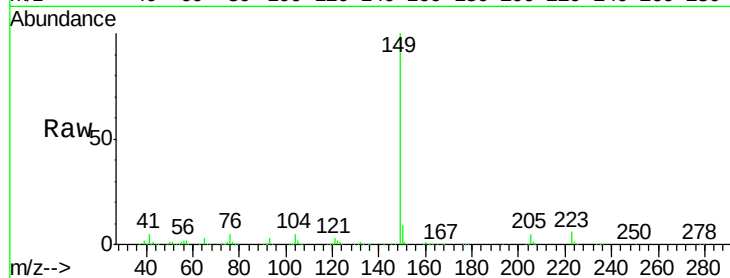
#73
Di-n-butylphthalate
Concen: 38.576 ng
RT: 18.99 min Scan# 2673
Delta R.T. -0.00 min
Lab File: BG032312.D
Acq: 26 Jan 2018 2:48

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.8	11.6
104	4.9	3.9	5.9

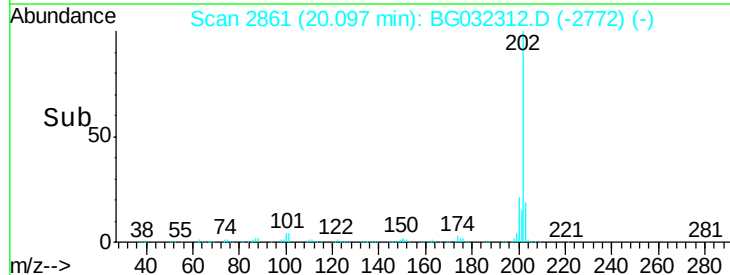
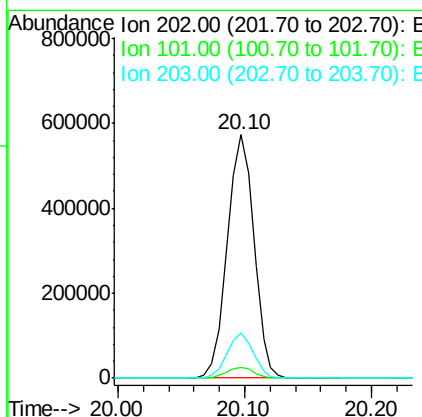
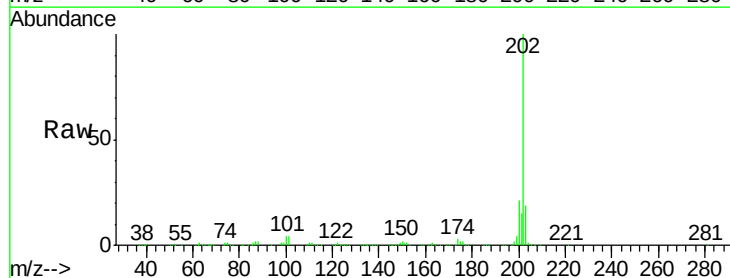
Manual Integrations
APPROVED

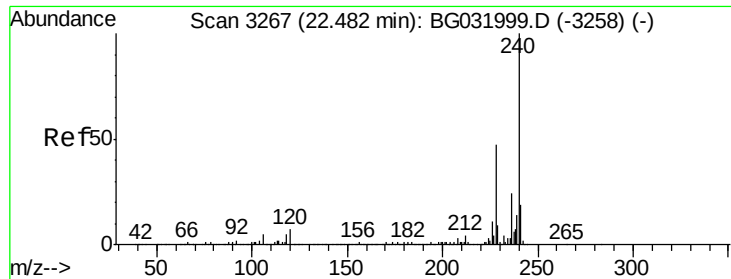
Sohil
1/26/2018 4:04:01 PM



#74
Fluoranthene
Concen: 40.980 ng
RT: 20.10 min Scan# 2861
Delta R.T. -0.01 min
Lab File: BG032312.D
Acq: 26 Jan 2018 2:48

Tgt Ion	Ratio	Lower	Upper
202	100		
101	4.4	0.0	28.9
203	18.6	0.0	37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.42 min Scan# 3257

Delta R.T. -0.00 min

Lab File: BG032312.D

Acq: 26 Jan 2018 2:48

Instrument :

BNA_G

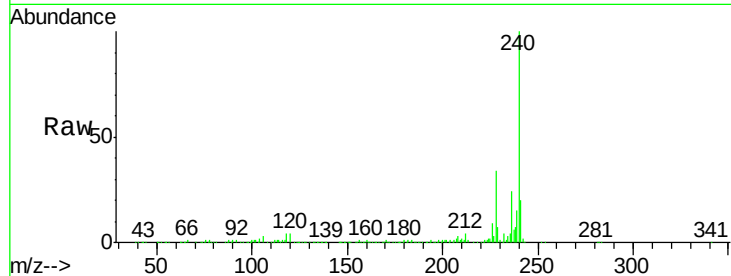
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
240	100		
120	3.7	6.8	10.2#
236	23.7	20.9	31.3

Manual Integrations
APPROVED

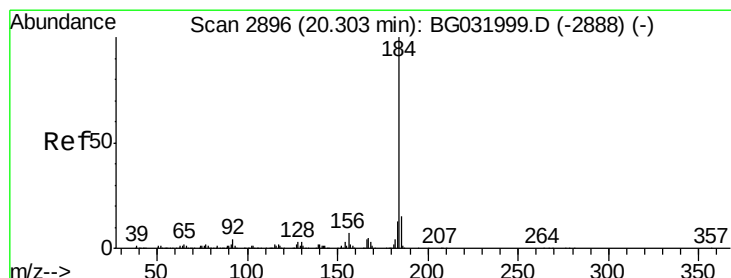
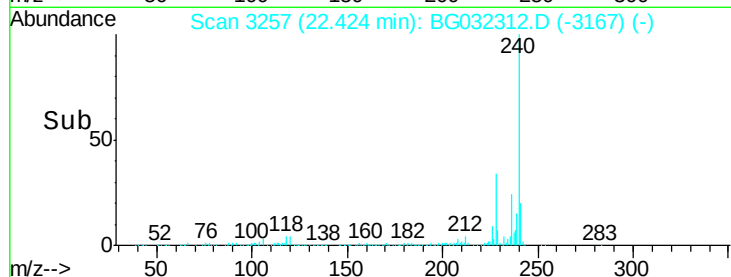
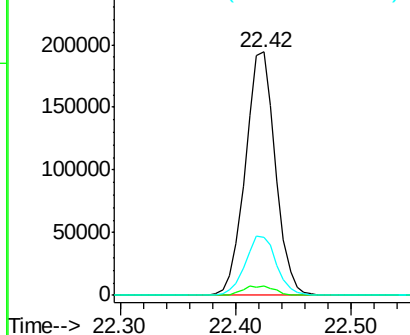
Sohil
1/26/2018 4:04:01 PM



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 32.359 ng

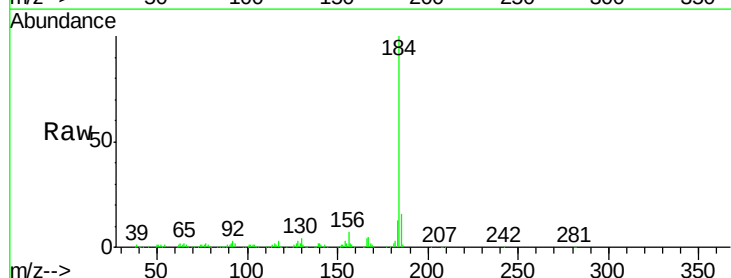
RT: 20.26 min Scan# 2888

Delta R.T. -0.01 min

Lab File: BG032312.D

Acq: 26 Jan 2018 2:48

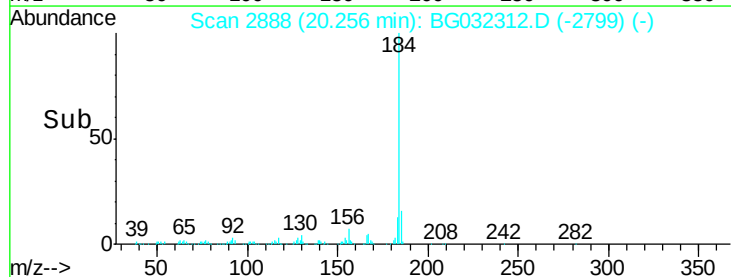
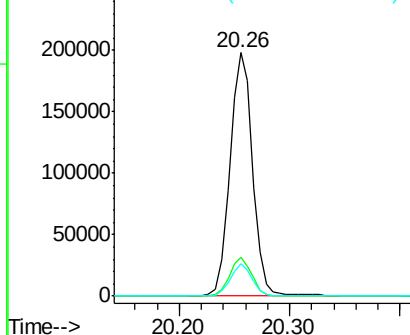
Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.8	11.1	16.7
183	13.4	10.6	16.0

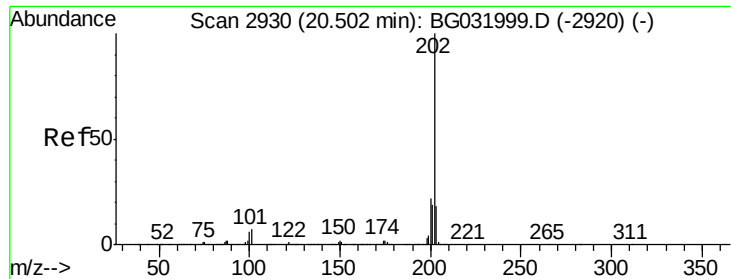


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





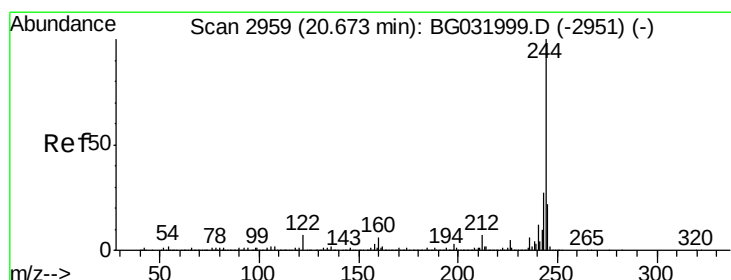
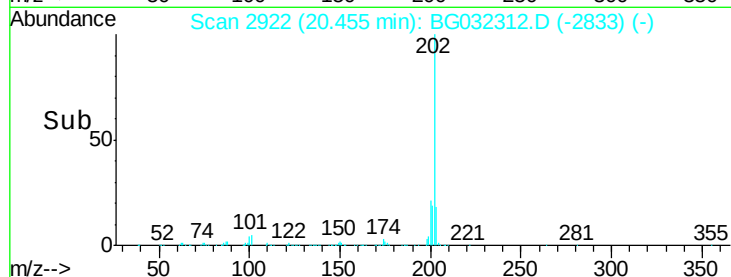
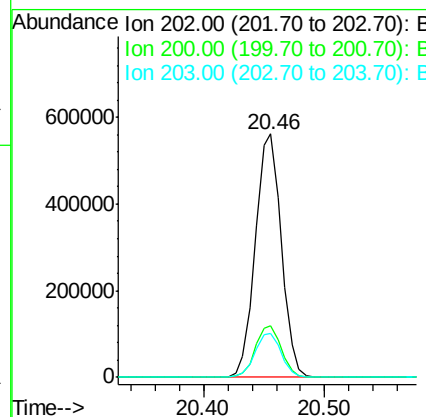
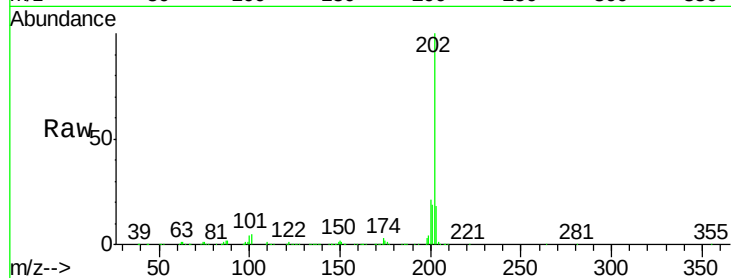
#77
Pvrene
Concen: 38.200 ng
RT: 20.46 min Scan# 2922
Delta R.T. -0.01 min
Lab File: BG032312.D
Acq: 26 Jan 2018 2:48

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.9	25.3
203	18.2	13.9	20.9

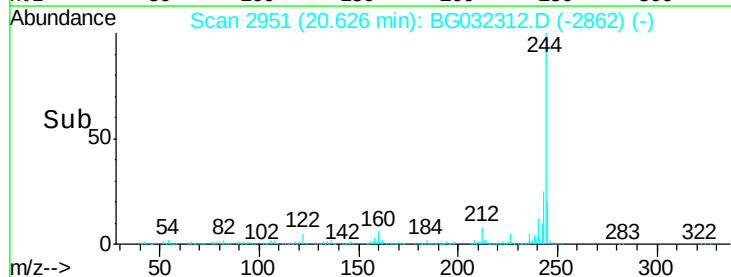
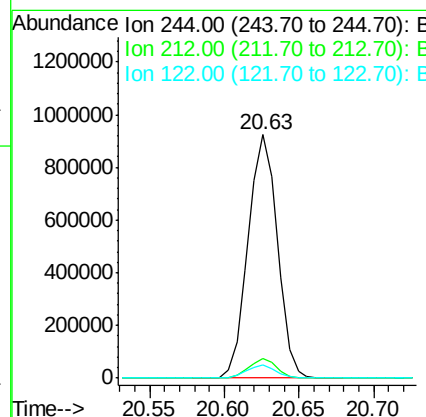
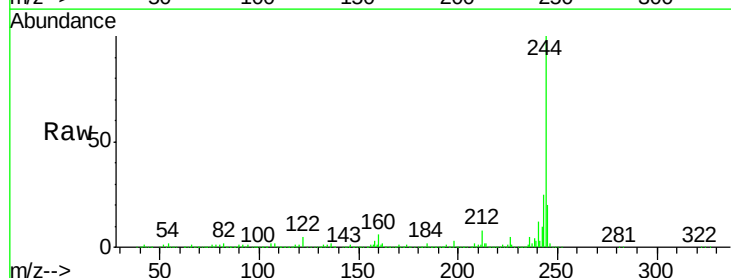
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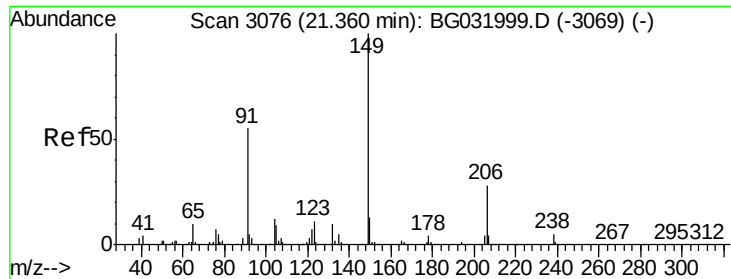
Sohil
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#78
Terphenyl-d14
Concen: 78.374 ng
RT: 20.63 min Scan# 2951
Delta R.T. -0.01 min
Lab File: BG032312.D
Acq: 26 Jan 2018 2:48

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.8	8.8
122	5.5	7.0	10.4#





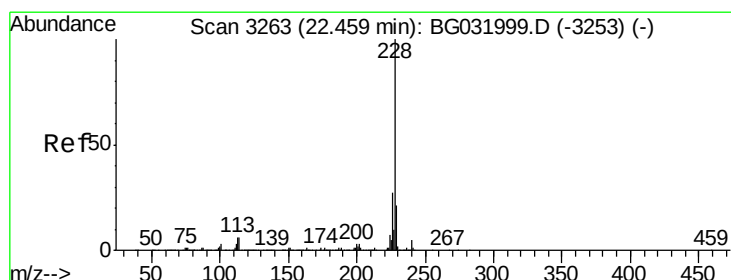
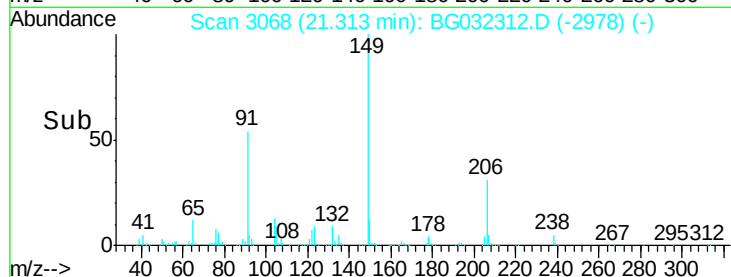
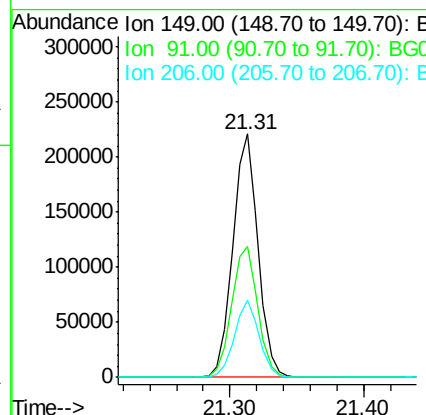
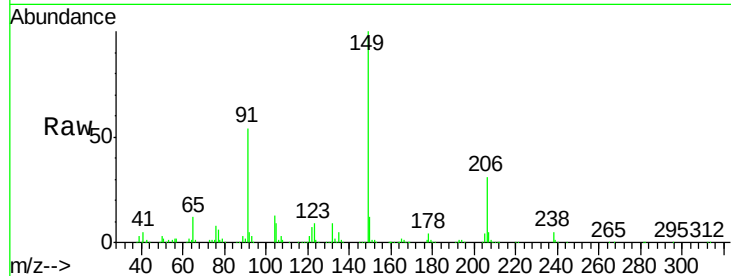
#79
Butylbenzylphthalate
Concen: 36.711 ng
RT: 21.31 min Scan# 3068
Delta R.T. -0.00 min
Lab File: BG032312.D
Acq: 26 Jan 2018 2:48

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
149	100		
91	54.0	62.2	93.2#
206	31.5	18.6	27.8#

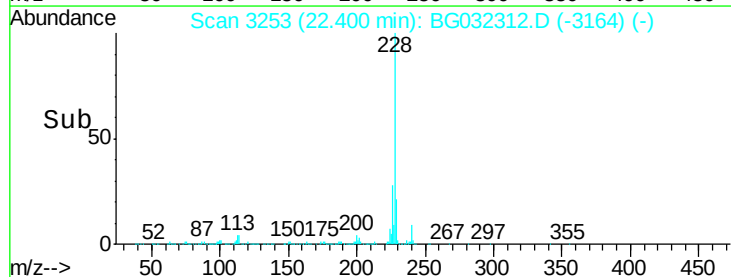
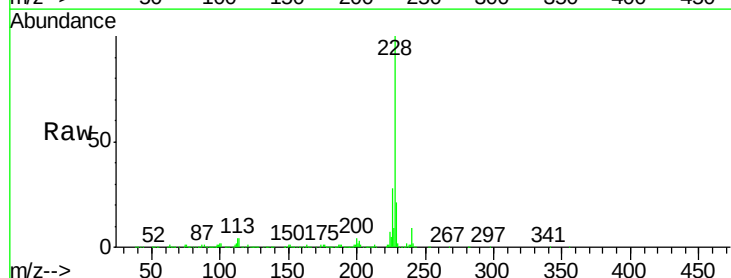
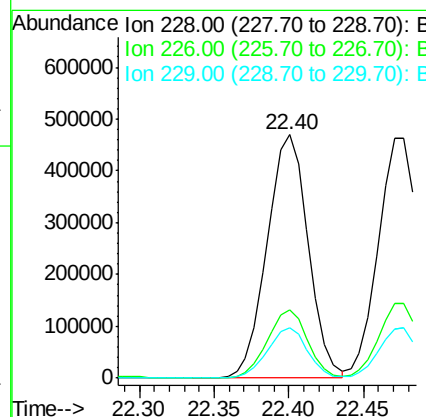
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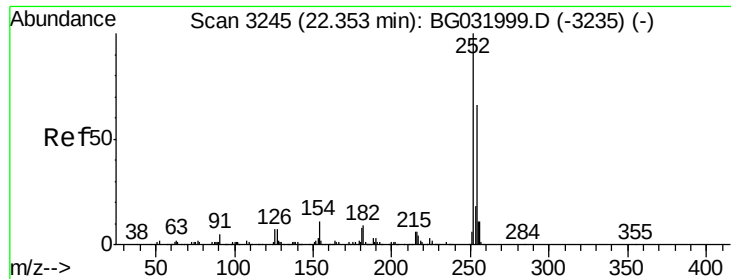
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#80
Benzo(a)anthracene
Concen: 41.096 ng
RT: 22.40 min Scan# 3253
Delta R.T. -0.01 min
Lab File: BG032312.D
Acq: 26 Jan 2018 2:48

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.7	34.1
229	20.7	16.2	24.2





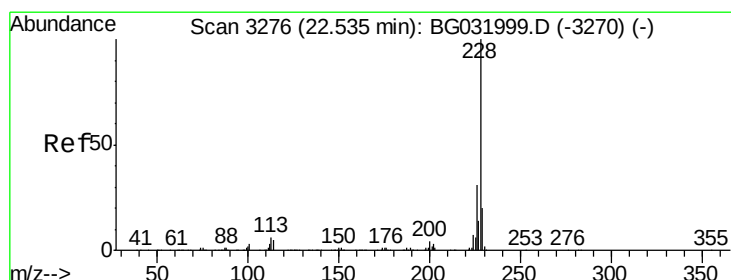
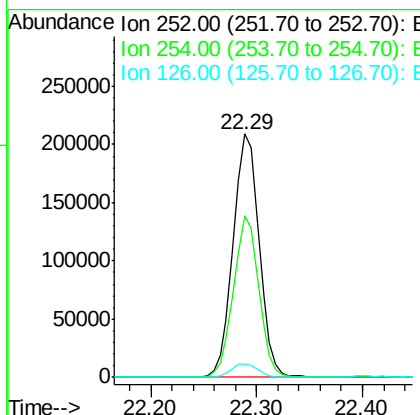
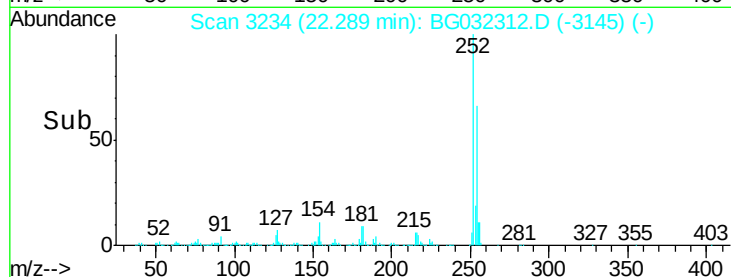
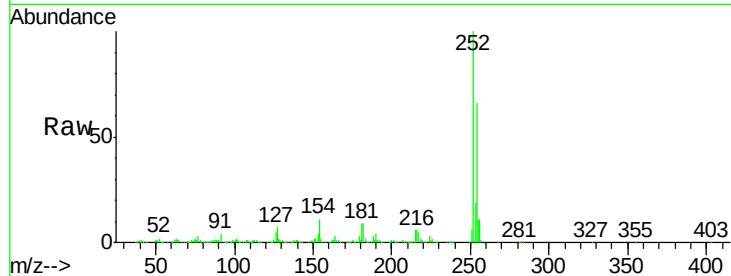
#81
 3,3'-Dichlorobenzidine
 Concen: 43.530 ng
 RT: 22.29 min Scan# 3234
 Delta R.T. -0.01 min
 Lab File: BG032312.D
 Acq: 26 Jan 2018 2:48

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
252	100		
254	66.5	50.8	76.2
126	5.3	7.4	11.2

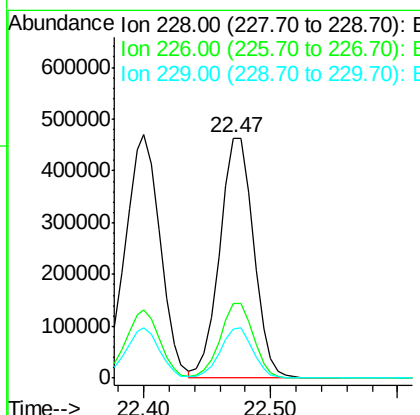
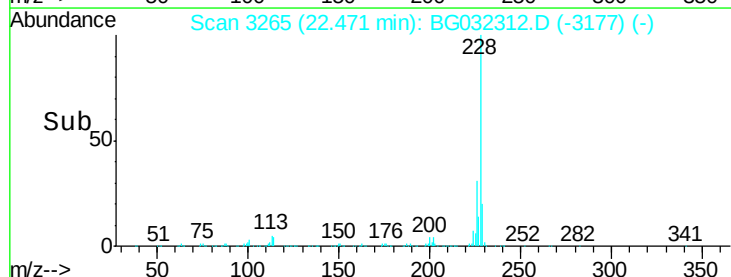
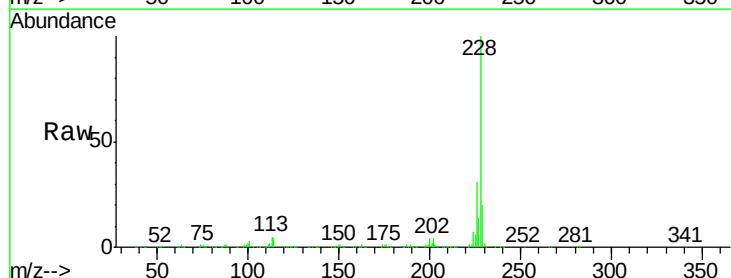
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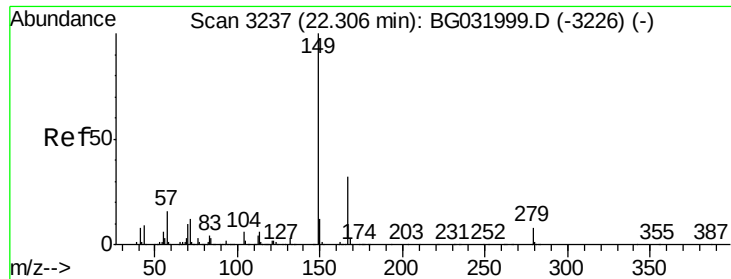
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#82
 Chrysene
 Concen: 40.846 ng
 RT: 22.47 min Scan# 3265
 Delta R.T. -0.01 min
 Lab File: BG032312.D
 Acq: 26 Jan 2018 2:48

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.9	37.3
229	20.3	15.0	22.4





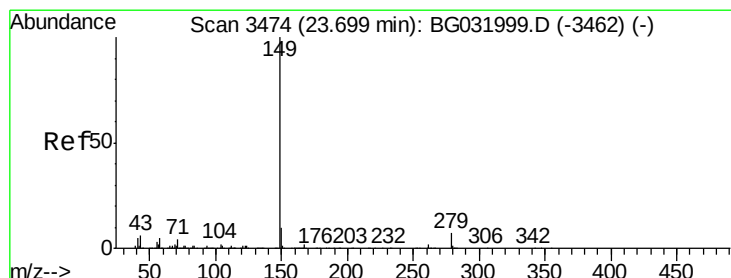
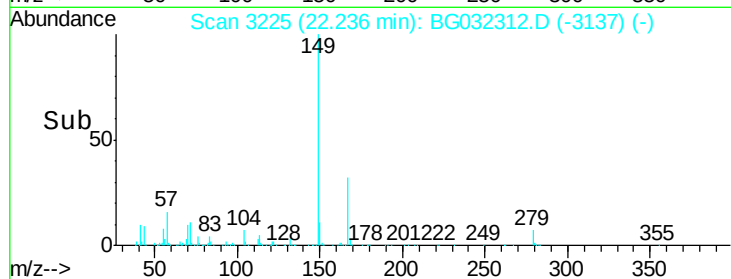
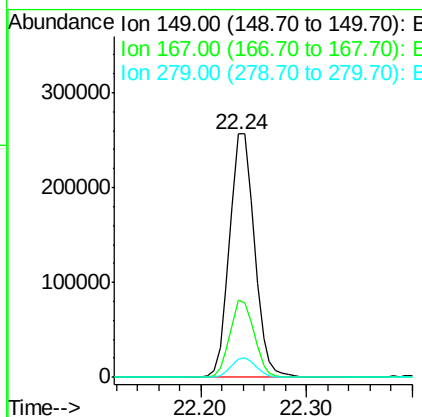
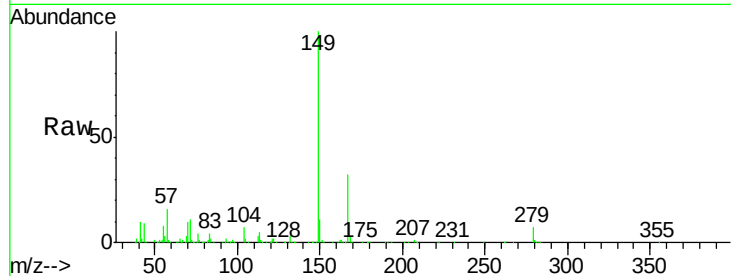
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 36.015 ng
 RT: 22.24 min Scan# 3225
 Delta R.T. -0.01 min
 Lab File: BG032312.D
 Acq: 26 Jan 2018 2:48

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	31.5	24.3	36.5	
279	7.3	4.0	6.0	

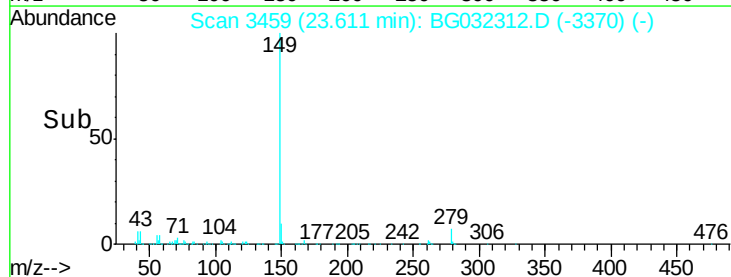
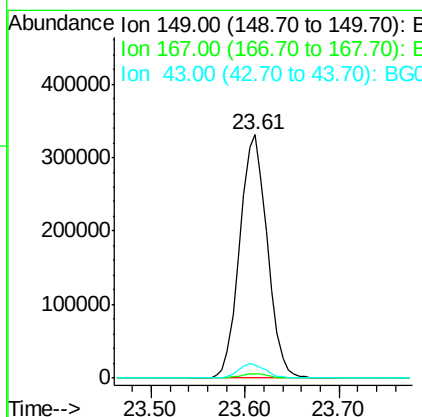
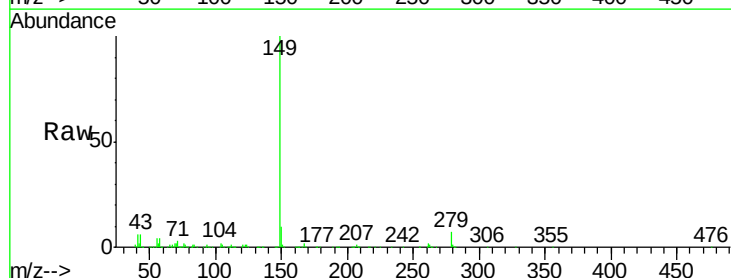
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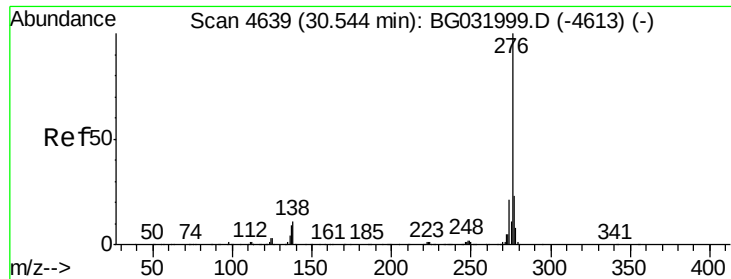
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#84
 Di-n-octyl phthalate
 Concen: 36.401 ng
 RT: 23.61 min Scan# 3459
 Delta R.T. -0.01 min
 Lab File: BG032312.D
 Acq: 26 Jan 2018 2:48

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.8	1.4	2.0	
43	6.2	8.9	13.3	





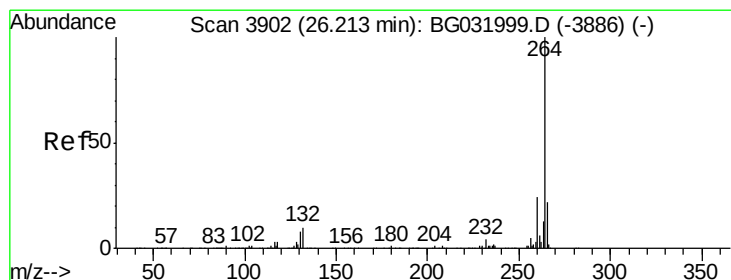
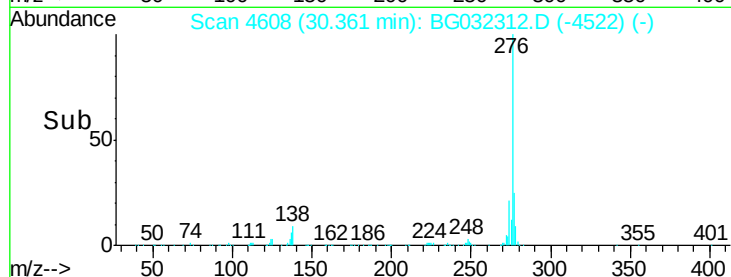
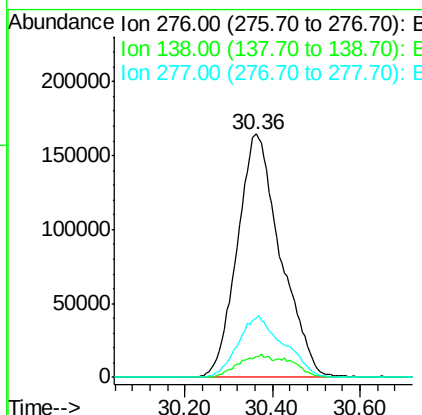
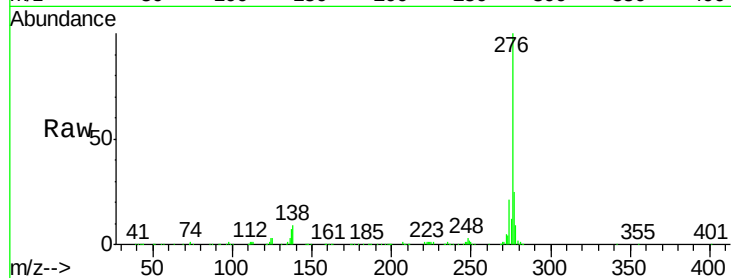
#85
Indeno(1,2,3-cd)pyrene
Concen: 42.992 ng
RT: 30.36 min Scan# 4608
Delta R.T. -0.02 min
Lab File: BG032312.D
Acq: 26 Jan 2018 2:48

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion:276 Resp: 1106289
Ion Ratio Lower Upper
276 100
138 7.1 16.0 24.0#
277 26.5 20.0 30.0

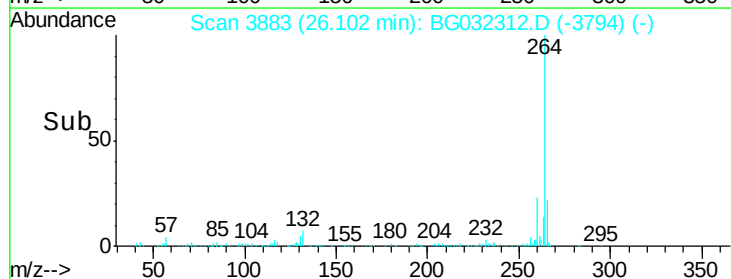
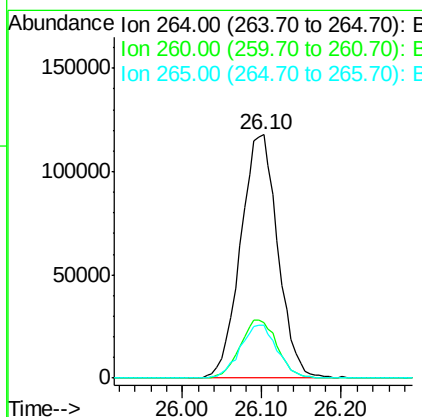
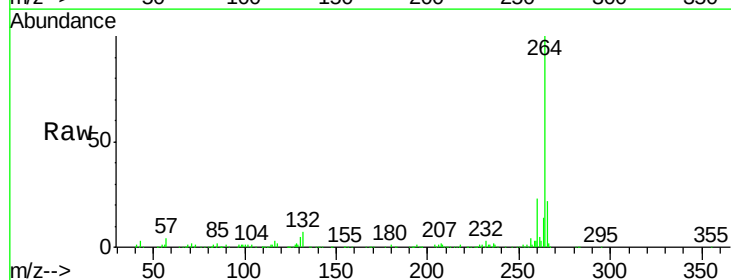
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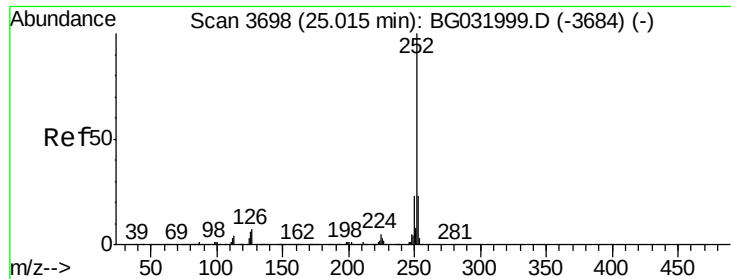
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#86
Perylene-d12
Concen: 20.000 ng
RT: 26.10 min Scan# 3883
Delta R.T. -0.01 min
Lab File: BG032312.D
Acq: 26 Jan 2018 2:48

Tgt Ion:264 Resp: 383356
Ion Ratio Lower Upper
264 100
260 22.9 17.4 26.0
265 21.6 17.7 26.5





#87

Benzo(b)fluoranthene

Concen: 40.674 ng

RT: 24.91 min Scan# 3681

Delta R.T. -0.02 min

Lab File: BG032312.D

Acq: 26 Jan 2018 2:48

Instrument :

BNA_G

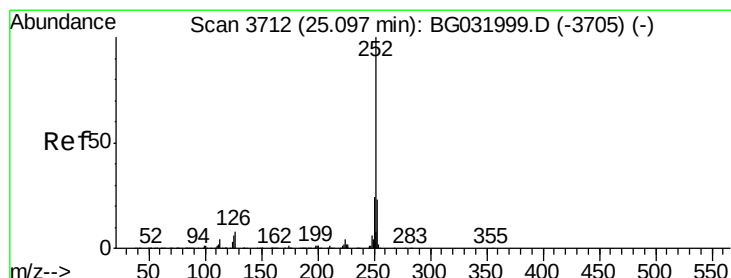
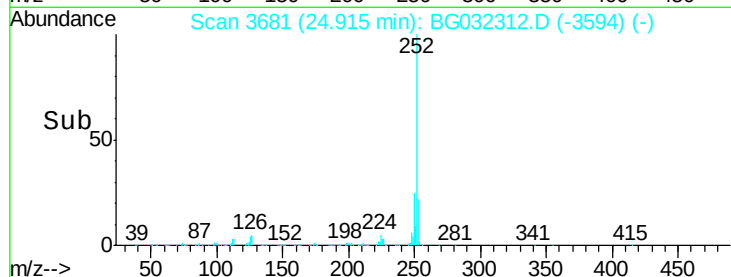
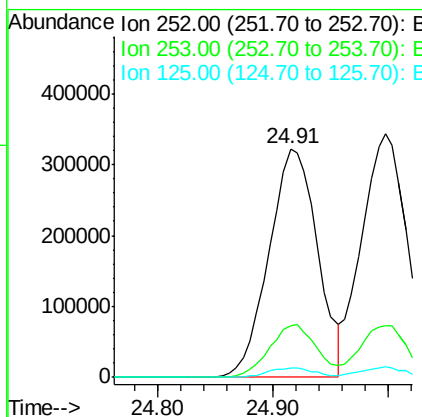
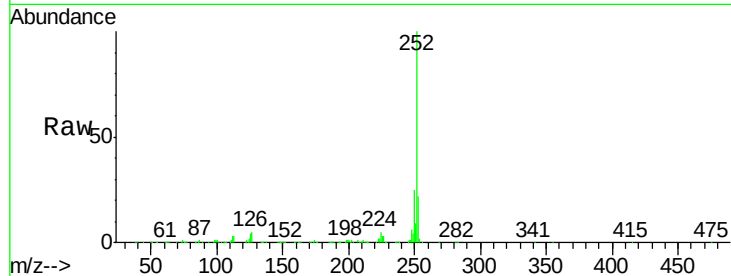
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.4
125	4.0	7.2	10.8

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#88

Benzo(k)fluoranthene

Concen: 41.342 ng

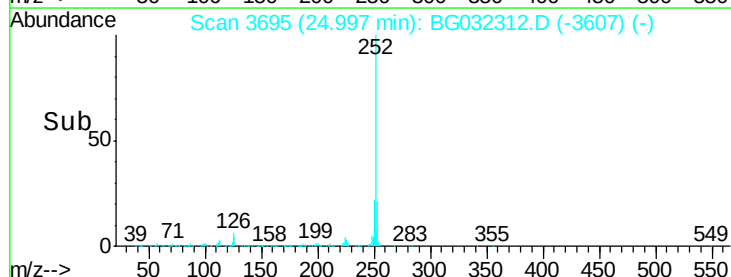
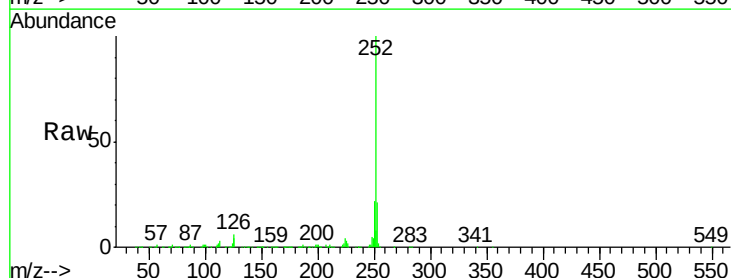
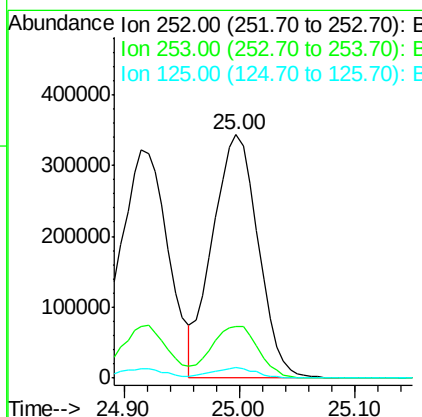
RT: 25.00 min Scan# 3695

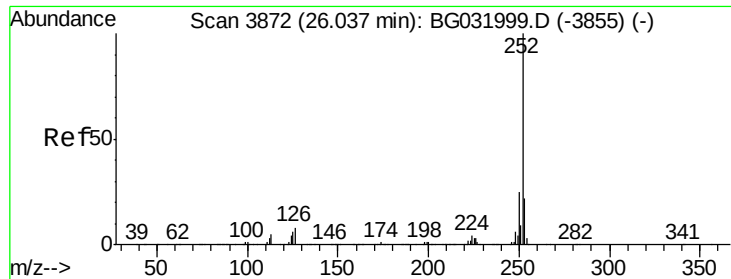
Delta R.T. -0.01 min

Lab File: BG032312.D

Acq: 26 Jan 2018 2:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.4	26.2
125	4.3	6.6	9.8





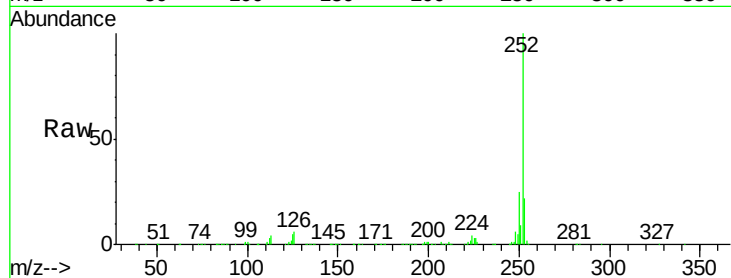
#89
Benzo(a)pyrene
Concen: 41.180 ng
RT: 25.93 min Scan# 3853
Delta R.T. -0.01 min
Lab File: BG032312.D
Acq: 26 Jan 2018 2:48

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

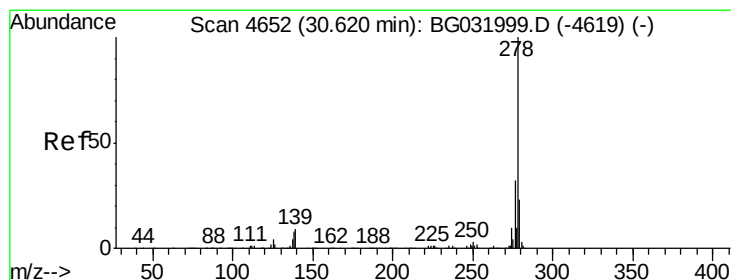
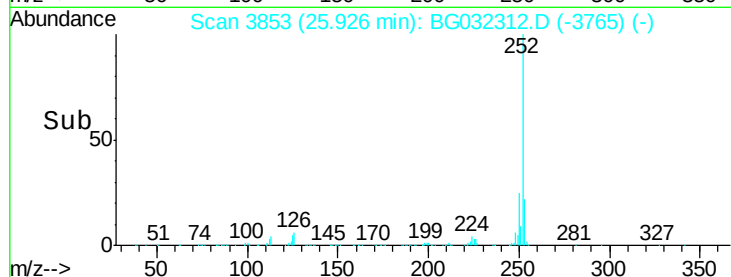
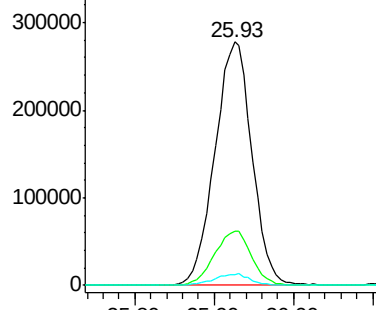
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.3	27.5
125	4.6	7.3	10.9

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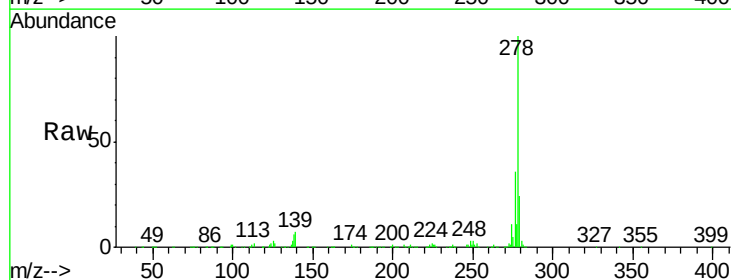


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

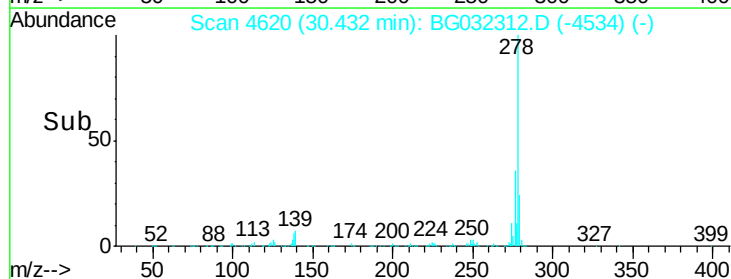
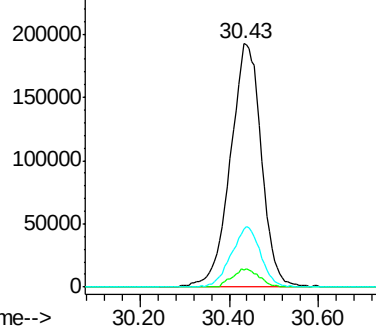


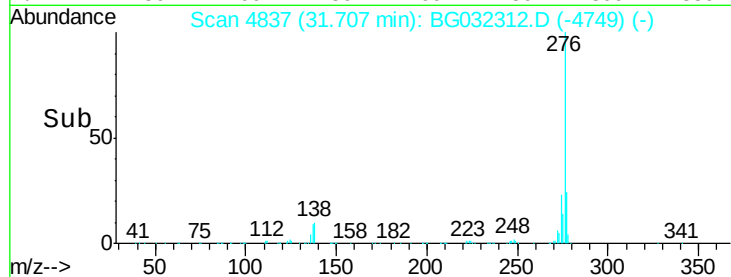
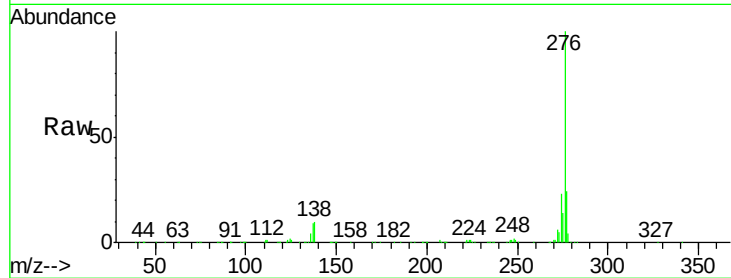
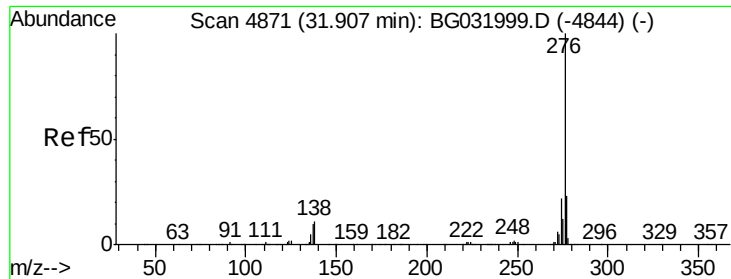
#90
Dibenzo(a,h)anthracene
Concen: 44.017 ng
RT: 30.43 min Scan# 4620
Delta R.T. -0.02 min
Lab File: BG032312.D
Acq: 26 Jan 2018 2:48

Tgt Ion	Ratio	Lower	Upper
278	100		
139	6.9	9.8	14.6
279	23.9	18.4	27.6



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91
Benzo(a,h,i)perylene
Concen: 42.412 ng
RT: 31.71 min Scan# 4837
Delta R.T. -0.01 min
Lab File: BG032312.D
Acq: 26 Jan 2018 2:48

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.3	27.5
138	9.8	13.9	20.9

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