

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020818\
 Data File : BG032612.D
 Acq On : 8 Feb 2018 16:11
 Operator : SJ/JU
 Sample : J1404-02MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-020718MS

Manual Integrations
 APPROVED

Sohil
 2/9/2018 4:34:26 PM

Quant Time: Feb 09 03:00:05 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 06 18:57:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.68	152	34606	20.00	ng	-0.03
21) Naphthalene-d8	11.56	136	134904	20.00	ng	-0.03
38) Acenaphthene-d10	15.32	164	99730	20.00	ng	-0.02
63) Phenanthrene-d10	18.06	188	261578	20.00	ng	-0.01
75) Chrysene-d12	22.40	240	330645	20.00	ng	0.00
86) Perylene-d12	26.07	264	347723	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.12	112	252840	146.75	ng	-0.02
7) Phenol-d6	7.81	99	282044	122.68	ng	-0.01
23) Nitrobenzene-d5	9.88	82	212884	98.57	ng	-0.03
41) 2,4,6-Tribromophenol	16.80	330	250185	131.79	ng	-0.01
44) 2-Fluorobiphenyl	13.95	172	737241	87.86	ng	-0.02
78) Terphenyl-d14	20.61	244	1474208	95.51	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.80	88	26002	44.855	ng	# 73
3) Pyridine	4.25	79	52646	33.634	ng	# 86
4) n-Nitrosodimethylamine	4.15	42	43880	53.853	ng	# 70
6) Aniline	7.99	93	27428	9.568	ng	# 99
8) 2-Chlorophenol	8.24	128	98013	48.126	ng	# 79
9) Benzaldehyde	7.79	77	20934m	17.629	ng	# 89
10) Phenol	7.83	94	94817	43.427	ng	# 82
11) bis(2-Chloroethyl)ether	8.07	93	75629	45.461	ng	# 97
12) 1,3-Dichlorobenzene	8.57	146	117554	42.681	ng	# 90
13) 1,4-Dichlorobenzene	8.72	146	121015	43.837	ng	# 96
14) 1,2-Dichlorobenzene	9.05	146	116157	42.953	ng	# 88
15) Benzyl Alcohol	8.93	79	81725	43.130	ng	# 72
16) 2,2'-oxybis(1-Chloropropan	9.21	45	77511	49.170	ng	# 93
17) 2-Methylphenol	9.13	107	71976	40.589	ng	# 84
18) Hexachloroethane	9.80	117	42816	46.196	ng	# 94
19) n-Nitroso-di-n-propylamine	9.50	70	67496	44.277	ng	# 93
20) 3+4-Methylphenols	9.47	107	104888	42.168	ng	# 90
22) Acetophenone	9.53	105	142714	45.130	ng	# 92
24) Nitrobenzene	9.93	77	105979	50.744	ng	# 88
25) Isophorone	10.45	82	189556	51.543	ng	# 84
26) 2-Nitrophenol	10.65	139	59531	47.153	ng	# 96
27) 2,4-Dimethylphenol	10.69	122	93755	51.739	ng	# 95
28) bis(2-Chloroethoxy)methane	10.93	93	104777	51.955	ng	# 89
29) 2,4-Dichlorophenol	11.20	162	121535	50.629	ng	# 98
30) 1,2,4-Trichlorobenzene	11.42	180	140380	43.877	ng	# 99
31) Naphthalene	11.62	128	338823	51.424	ng	# 94
32) Benzoic acid	10.83	122	48464m	37.695	ng	# 44
33) 4-Chloroaniline	11.72	127	10107m	3.439	ng	# 81
34) Hexachlorobutadiene	11.88	225	114527	46.009	ng	# 95
35) Caprolactam	12.47	113	26737	38.799	ng	# 97
36) 4-Chloro-3-methylphenol	12.80	107	112941	49.601	ng	# 92
37) 2-Methylnaphthalene	13.18	142	254680	46.010	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	13.54	216	200159	42.900	ng	# 92
40) Hexachlorocyclopentadiene	13.51	237	282353	96.857	ng	# 92

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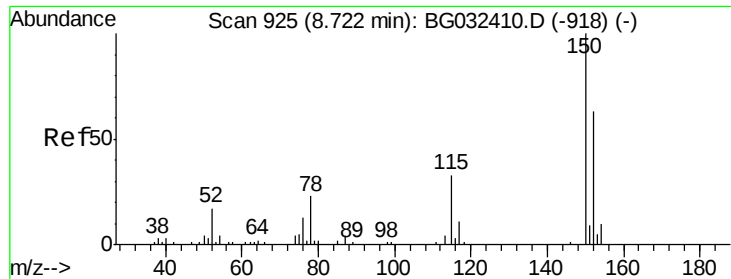
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.77	196	122860	48.411	nq	99
43) 2,4,5-Trichlorophenol	13.84	196	132940	44.936	nq #	91
45) 1,1'-Biphenyl	14.16	154	364494	43.260	nq	95
46) 2-Chloronaphthalene	14.21	162	282273	42.743	nq	96
47) 2-Nitroaniline	14.41	65	66750	45.707	nq #	83
48) Acenaphthylene	15.05	152	424002	42.470	nq	98
49) Dimethylphthalate	14.75	163	396814	43.153	nq #	98
50) 2,6-Dinitrotoluene	14.89	165	90402	46.839	nq #	77
51) Acenaphthene	15.39	154	343166	49.563	nq	97
52) 3-Nitroaniline	15.22	138	8470	5.024	nq #	54
53) 2,4-Dinitrophenol	15.42	184	108810	89.788	nq #	62
54) Dibenzofuran	15.72	168	470971	45.958	nq	97
55) 4-Nitrophenol	15.52	139	107720	85.351	nq #	79
56) 2,4-Dinitrotoluene	15.67	165	127477	46.389	nq #	73
57) Fluorene	16.36	166	374953	44.031	nq	100
58) 2,3,4,6-Tetrachlorophenol	15.94	232	149965	51.396	nq #	85
59) Diethylphthalate	16.11	149	389810	43.525	nq	95
60) 4-Chlorophenyl-phenylether	16.35	204	241908	45.049	nq	93
61) 4-Nitroaniline	16.39	138	45197	25.014	nq	82
62) Azobenzene	16.64	77	252351	47.149	nq	85
64) 4,6-Dinitro-2-methylphenol	16.43	198	81511	41.712	nq #	73
65) n-Nitrosodiphenylamine	16.56	169	336705	43.132	nq	97
66) 4-Bromophenyl-phenylether	17.24	248	180949	46.693	nq	94
67) Hexachlorobenzene	17.36	284	182563	42.570	nq #	92
68) Atrazine	17.49	200	107445	32.062	nq	95
69) Pentachlorophenol	17.70	266	237614	88.447	nq	97
70) Phenanthrene	18.11	178	663297	45.470	nq	99
71) Anthracene	18.20	178	689619	47.479	nq	99
72) Carbazole	18.46	167	540093	42.085	nq	99
73) Di-n-butylphthalate	18.97	149	655602	46.140	nq	98
74) Fluoranthene	20.08	202	895645	46.818	nq	94
76) Benzidine	20.25	184	13023	2.006	nq	98
77) Pyrene	20.44	202	914816	45.110	nq	99
79) Butylbenzylphthalate	21.29	149	303639	47.468	nq #	78
80) Benzo(a)anthracene	22.38	228	972336	47.435	nq	100
81) 3,3'-Dichlorobenzidine	22.27	252	61772	7.778	nq #	92
82) Chrysene	22.45	228	924671	46.711	nq	98
83) Bis(2-ethylhexyl)phthalate	22.22	149	434798	47.938	nq #	98
84) Di-n-octyl phthalate	23.59	149	746389	51.883	nq #	90
85) Indeno(1,2,3-cd)pyrene	30.34	276	1164371	46.496	nq #	72
87) Benzo(b)fluoranthene	24.90	252	1004785	47.824	nq #	96
88) Benzo(k)fluoranthene	24.97	252	1031801	49.574	nq #	95
89) Benzo(a)pyrene	25.90	252	993722	49.611	nq #	95
90) Dibenzo(a,h)anthracene	30.41	278	979984	47.827	nq #	93
91) Benzo(g,h,i)perylene	31.68	276	971081	47.746	nq #	92

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



#1

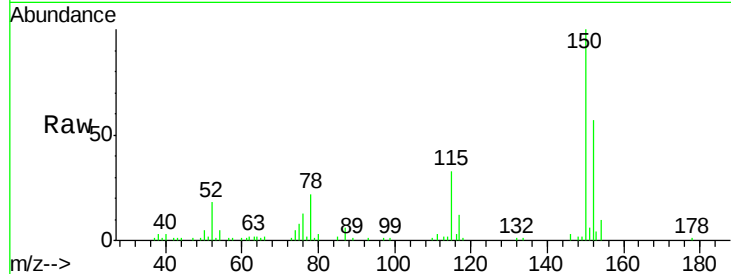
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.68 min Scan# 918
Delta R.T. -0.03 min
Lab File: BG032612.D
Acq: 8 Feb 2018 16:11

Instrument :
BNA_G
ClientSampleId :
TR-05-020718MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	174.9	126.6	189.8
115	57.4	53.0	79.4

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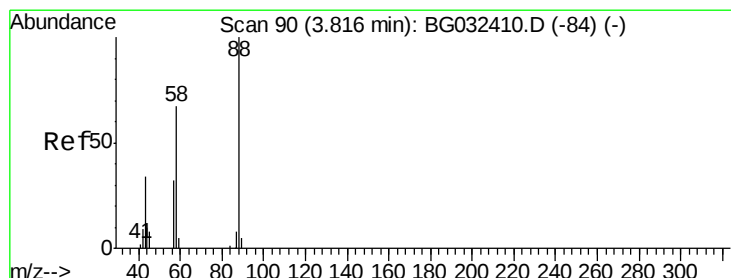
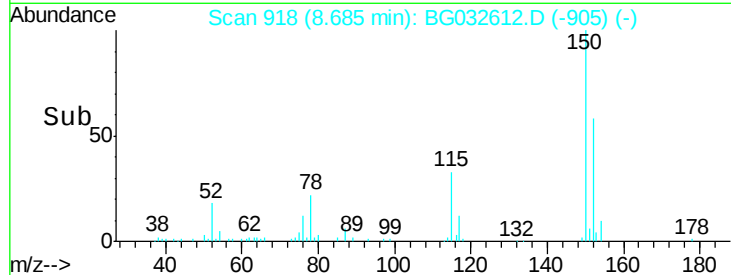
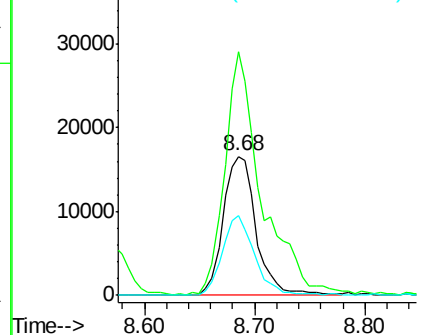


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

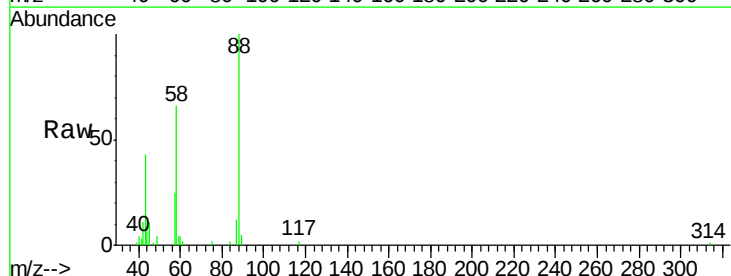
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 44.855 ng
RT: 3.80 min Scan# 87
Delta R.T. -0.01 min
Lab File: BG032612.D
Acq: 8 Feb 2018 16:11

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.9	79.6	119.4#
43	46.2	27.4	41.0#

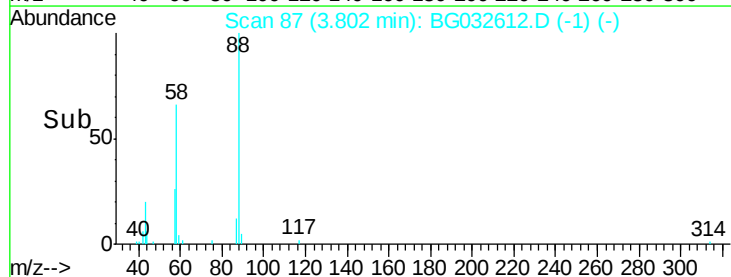
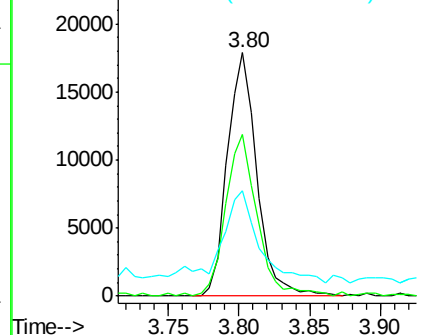


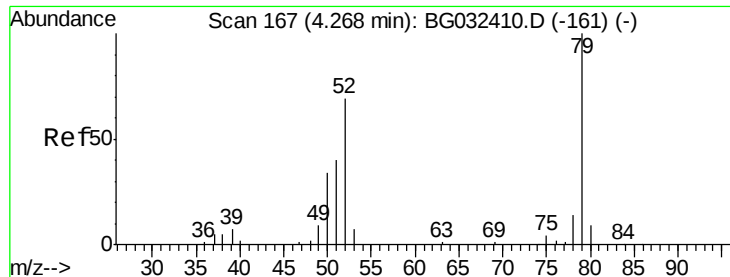
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 33.634 ng

RT: 4.25 min Scan# 164

Delta R.T. -0.01 min

Lab File: BG032612.D

Acq: 8 Feb 2018 16:11

Instrument :

BNA_G

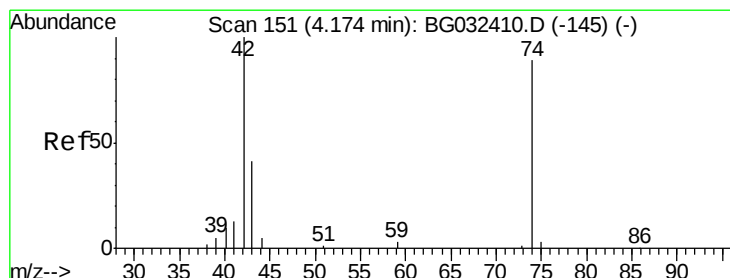
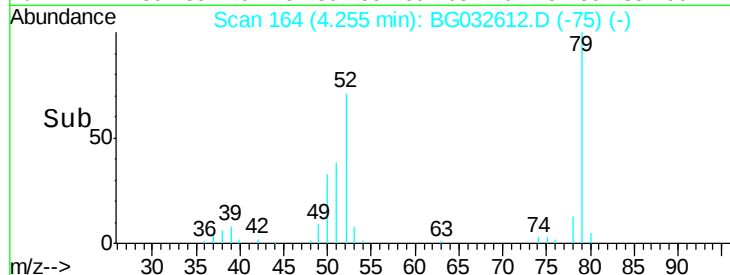
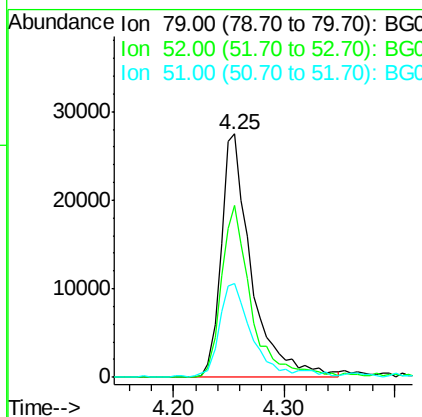
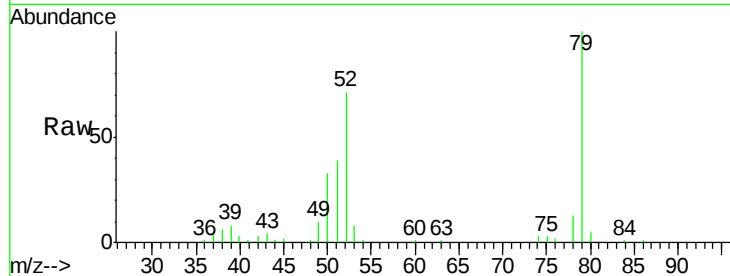
ClientSampleId :

TR-05-020718MS

Tot Ion:	79	Resp:	52646
Ion	Ratio	Lower	Upper
79	100		
52	70.8	69.9	104.9
51	38.8	34.0	51.0

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#4

n-Nitrosodimethylamine

Concen: 53.853 ng

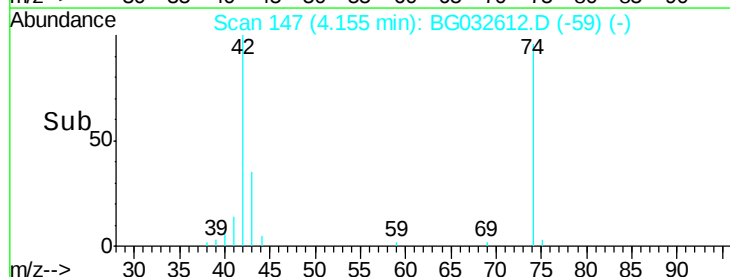
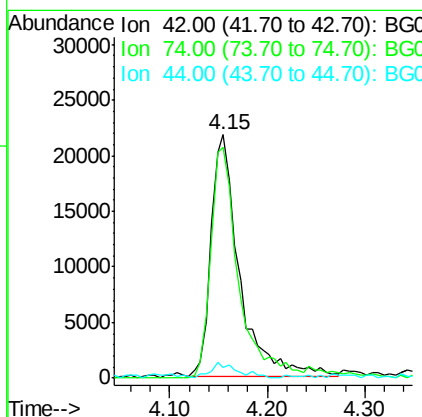
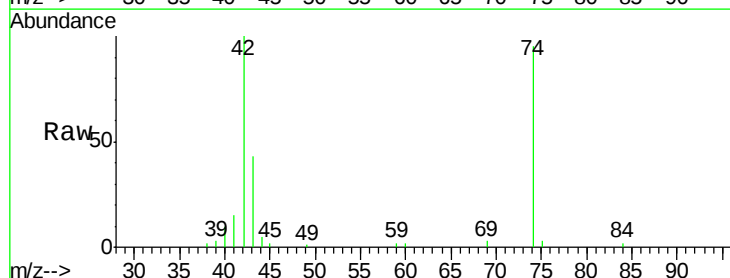
RT: 4.15 min Scan# 147

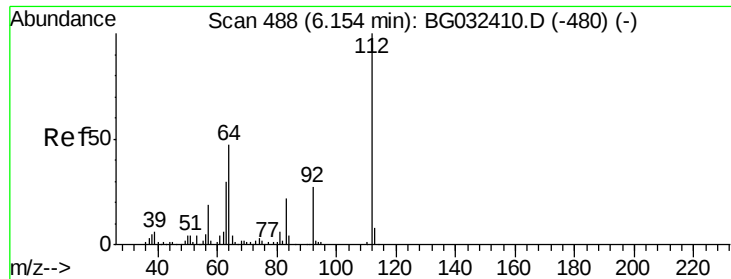
Delta R.T. -0.01 min

Lab File: BG032612.D

Acq: 8 Feb 2018 16:11

Tgt Ion:	42	Resp:	43880
Ion	Ratio	Lower	Upper
42	100		
74	94.7	102.5	153.7#
44	4.6	18.9	28.3#





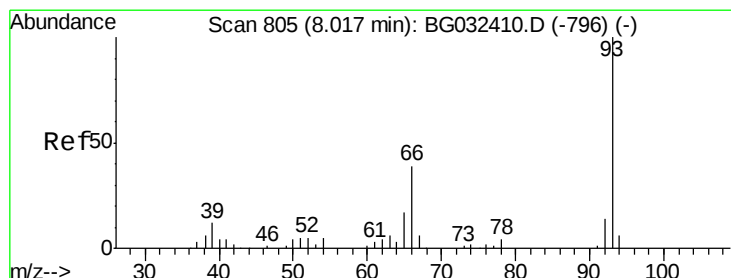
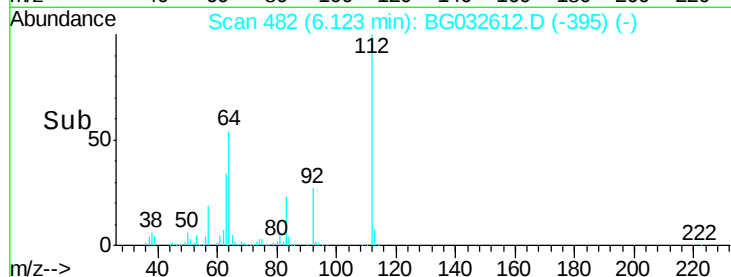
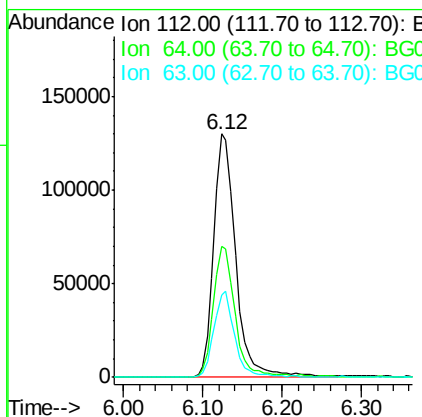
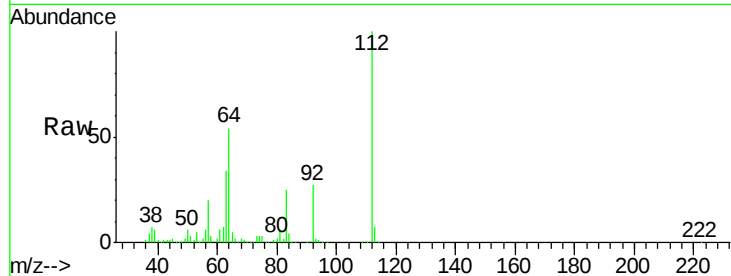
#5
2-Fluorophenol
Concen: 146.750 ng
RT: 6.12 min Scan# 482
Delta R.T. -0.02 min
Lab File: BG032612.D
Acq: 8 Feb 2018 16:11

Instrument :
BNA_G
ClientSampleId :
TR-05-020718MS

Tot Ion	Ratio	Resp	Lower	Upper
112	100	252840		
64	54.0		56.3	84.5#
63	33.6		30.1	45.1

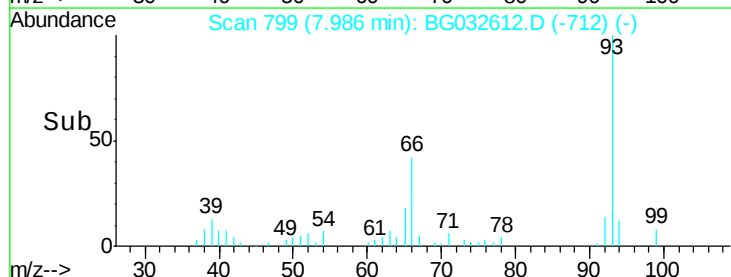
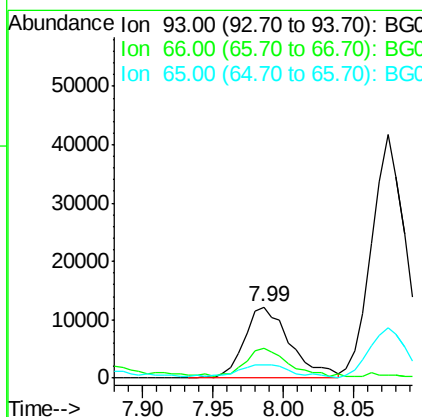
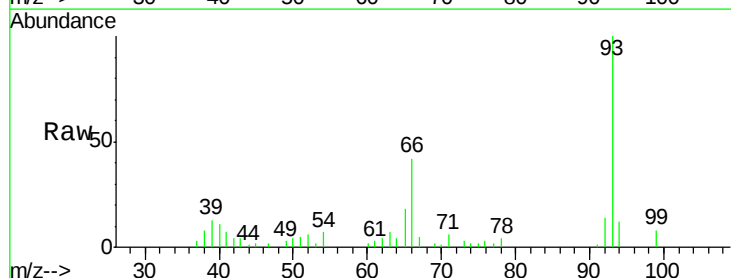
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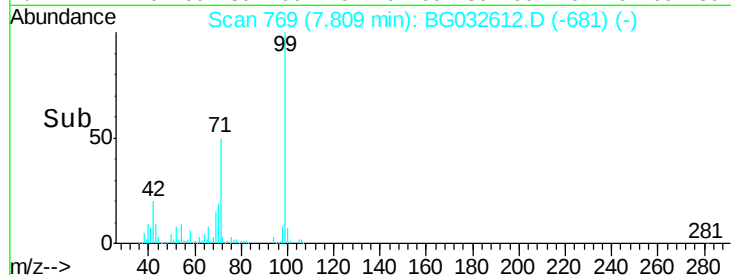
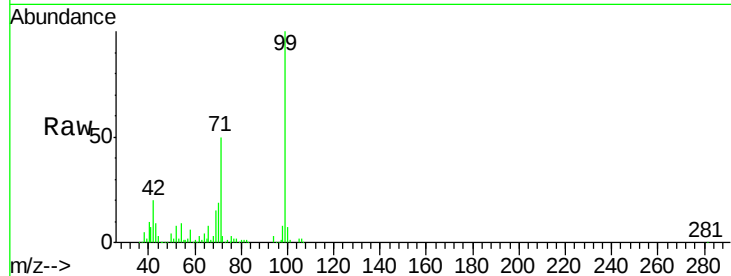
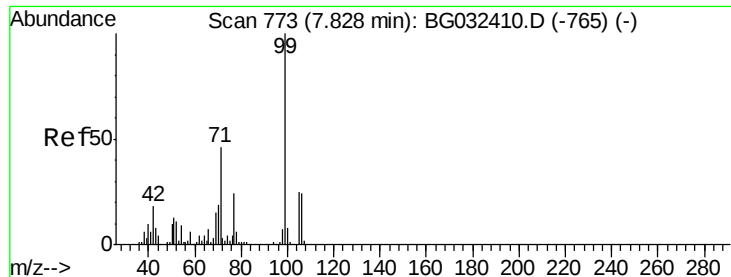
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#6
Aniline
Concen: 9.568 ng
RT: 7.99 min Scan# 799
Delta R.T. -0.02 min
Lab File: BG032612.D
Acq: 8 Feb 2018 16:11

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	27428		
66	42.2		33.7	50.5
65	18.1		16.1	24.1





#7

Phenol-d6

Concen: 122.676 ng

RT: 7.81 min Scan# 769

Delta R.T. -0.01 min

Lab File: BG032612.D

Acq: 8 Feb 2018 16:11

Tot Ion:	99	Resp:	282044
Ion Ratio	Lower	Upper	
99	100		
42	19.6	14.1	21.1
71	49.7	26.1	39.1#

Instrument :

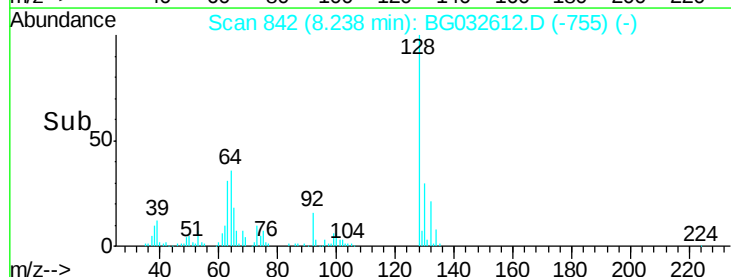
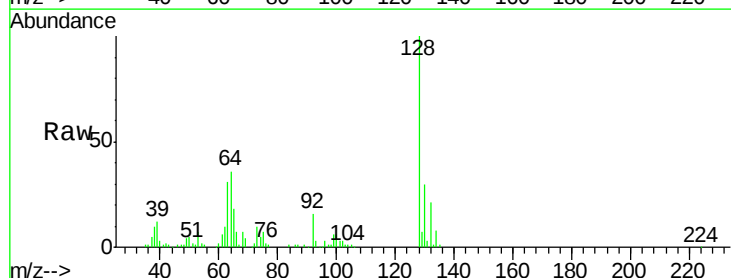
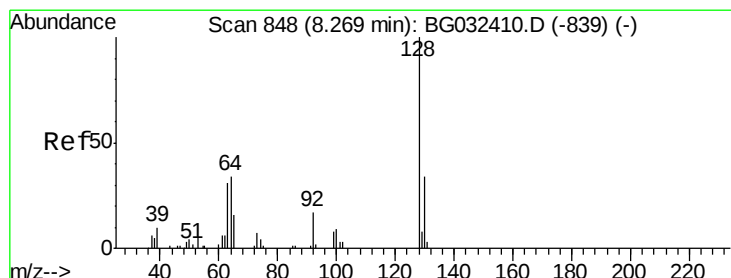
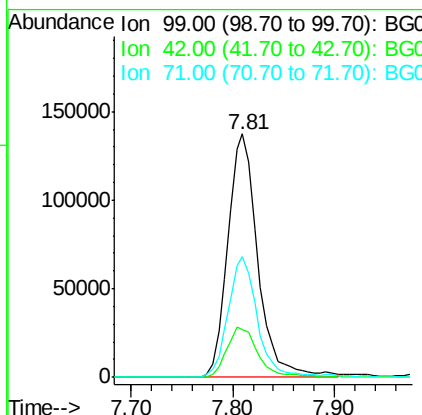
BNA_G

ClientSampleId :

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#8

2-Chlorophenol

Concen: 48.126 ng

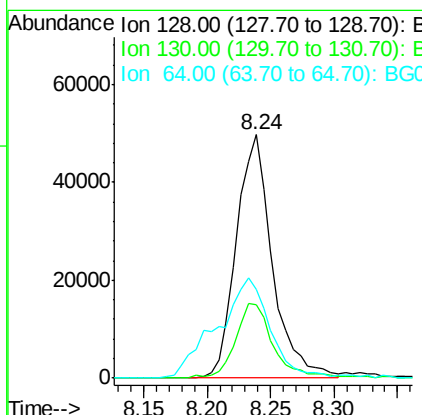
RT: 8.24 min Scan# 842

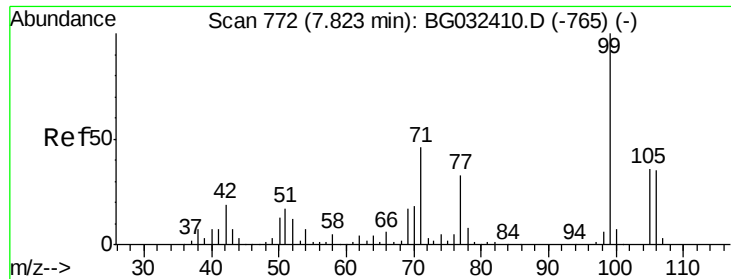
Delta R.T. -0.02 min

Lab File: BG032612.D

Acq: 8 Feb 2018 16:11

Tgt Ion:	128	Resp:	98013
Ion Ratio	Lower	Upper	
128	100		
130	30.3	14.0	54.0
64	36.3	37.7	77.7#





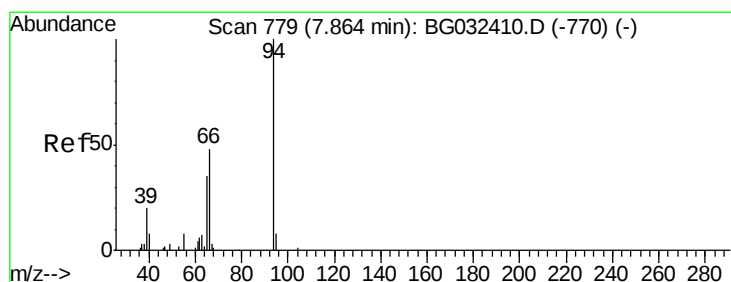
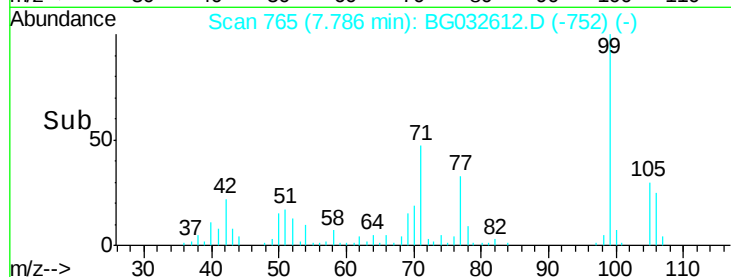
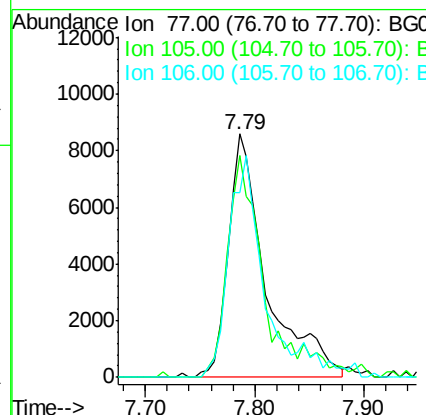
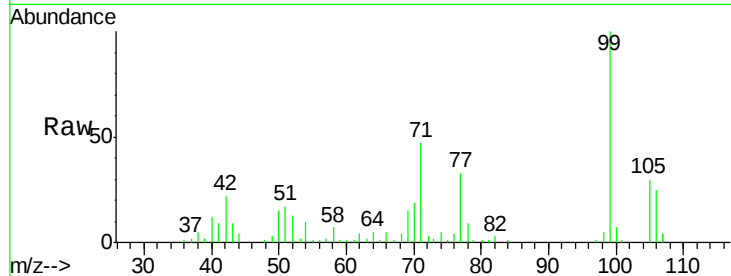
#9
Benzaldehyde
Concen: 17.629 ng/ml
RT: 7.79 min Scan# 765
Delta R.T. -0.03 min
Lab File: BG032612.D
Acq: 8 Feb 2018 16:11

Instrument :
BNA_G
ClientSampleId :
TR-05-020718MS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
105	91.0	71.3	111.3	
106	76.1	64.2	104.2	

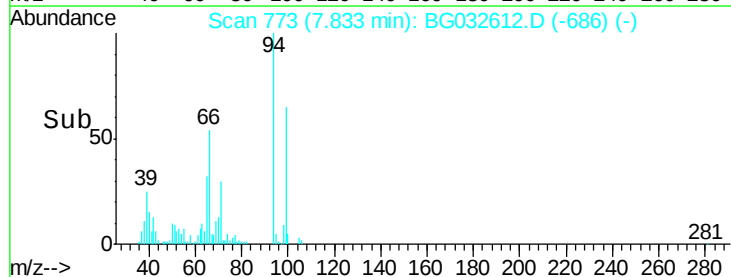
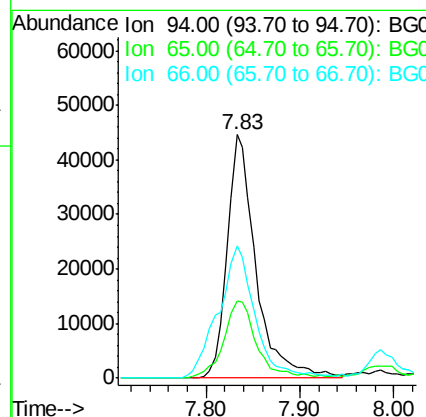
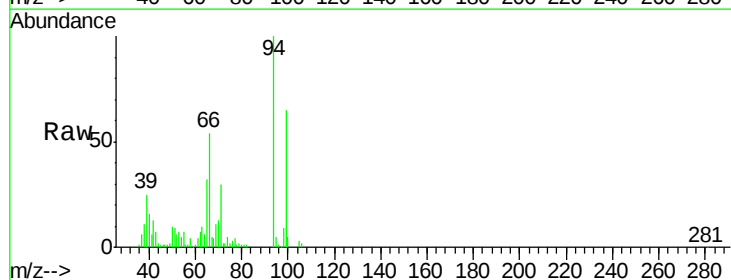
Manual Integrations
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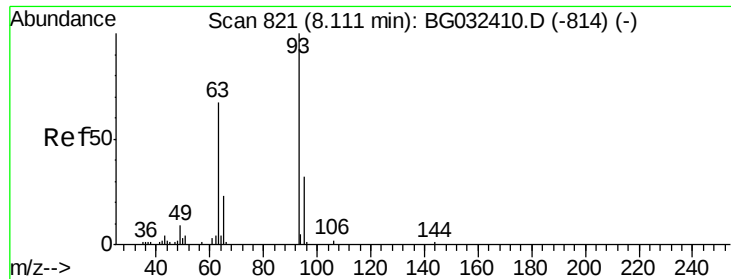
Sohil
2/9/2018 4:34:26 PM



#10
Phenol
Concen: 43.427 ng/ml
RT: 7.83 min Scan# 773
Delta R.T. -0.02 min
Lab File: BG032612.D
Acq: 8 Feb 2018 16:11

Tgt Ion	Ion	Ratio	Lower	Upper
94	100			
65	31.9	11.9	51.9	
66	54.4	22.2	62.2	





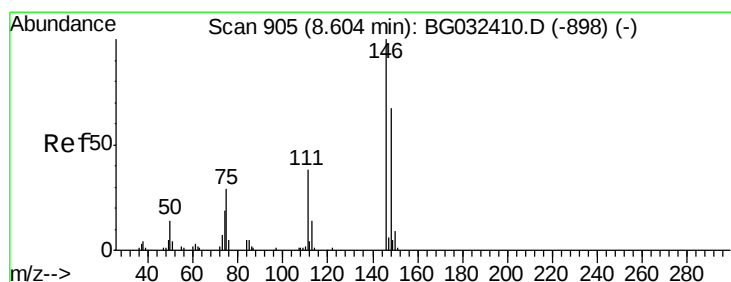
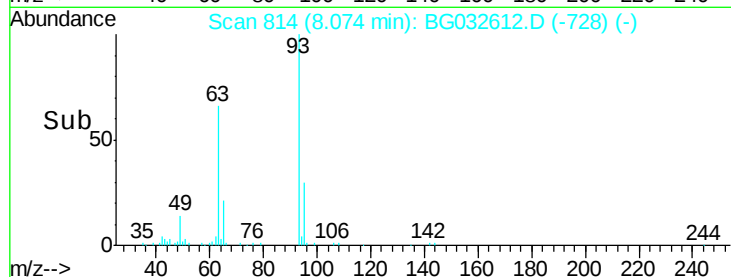
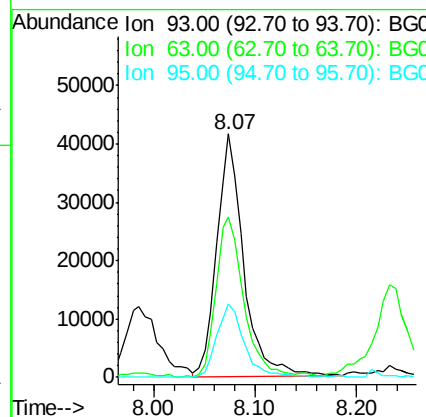
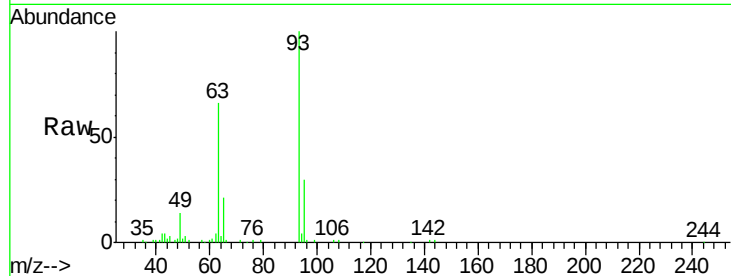
#11
bis(2-Chloroethyl)ether
Concen: 45.461 ng
RT: 8.07 min Scan# 814
Delta R.T. -0.03 min
Lab File: BG032612.D
Acq: 8 Feb 2018 16:11

Instrument :
BNA_G
ClientSampleId :
TR-05-020718MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	65.7	67.1	107.1#
95	30.0	11.5	51.5

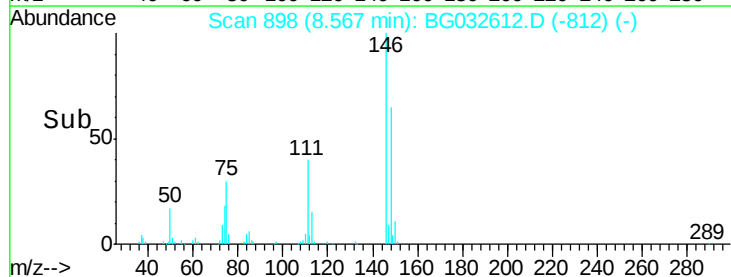
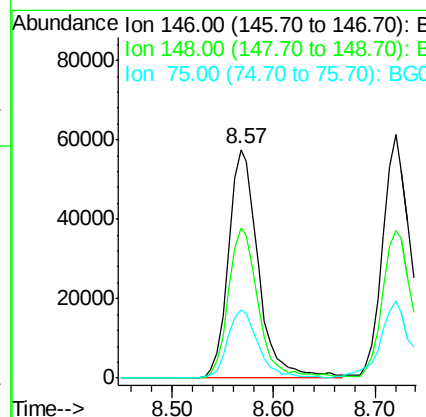
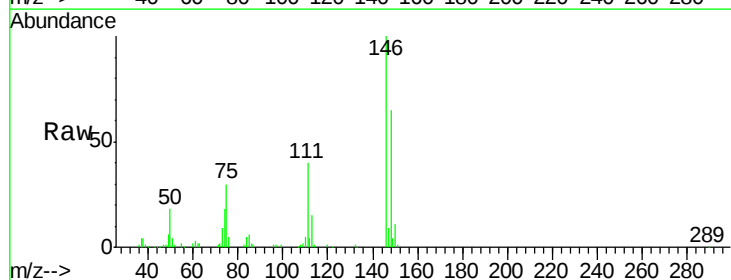
Manual Integrations
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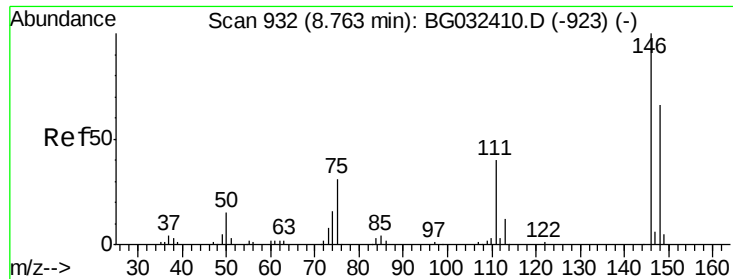
Sohil
2/9/2018 4:34:26 PM



#12
1,3-Dichlorobenzene
Concen: 42.681 ng
RT: 8.57 min Scan# 898
Delta R.T. -0.03 min
Lab File: BG032612.D
Acq: 8 Feb 2018 16:11

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.5	51.4	77.2
75	29.7	26.6	39.8





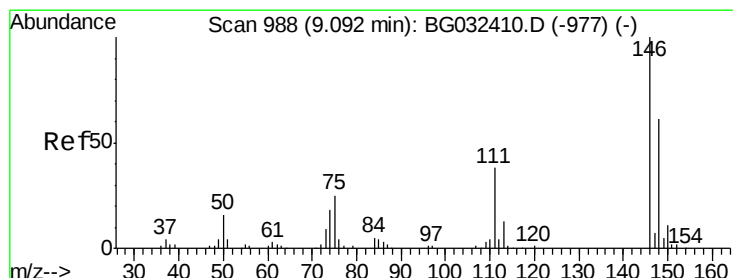
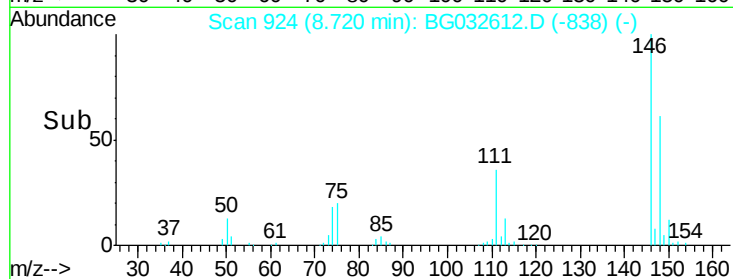
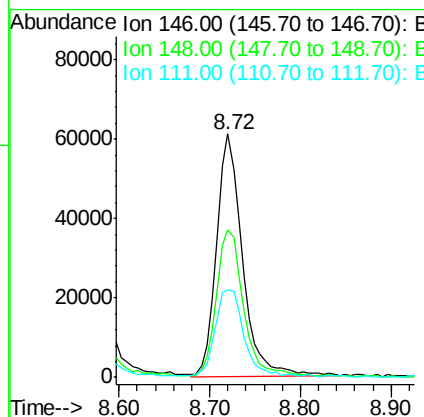
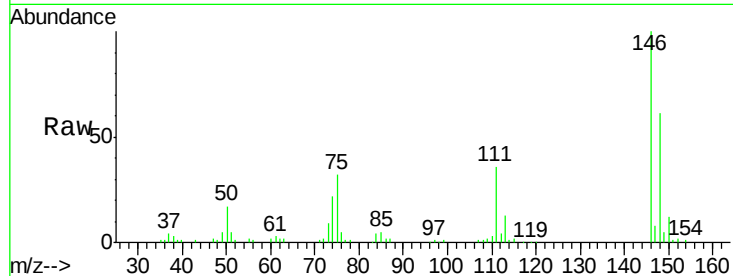
#13
1,4-Dichlorobenzene
Concen: 43.837 ng
RT: 8.72 min Scan# 924
Delta R.T. -0.03 min
Lab File: BG032612.D
Acq: 8 Feb 2018 16:11

Instrument :
BNA_G
ClientSampleId :
TR-05-020718MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	60.6	53.7	80.5
111	36.1	35.2	52.8

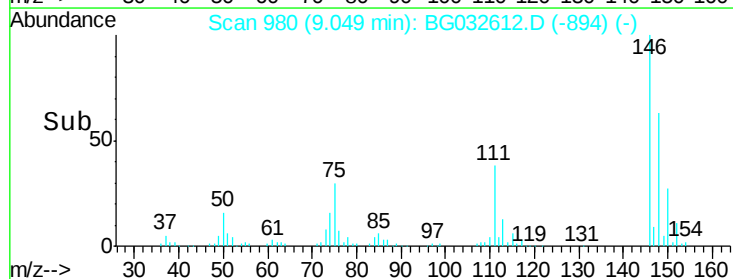
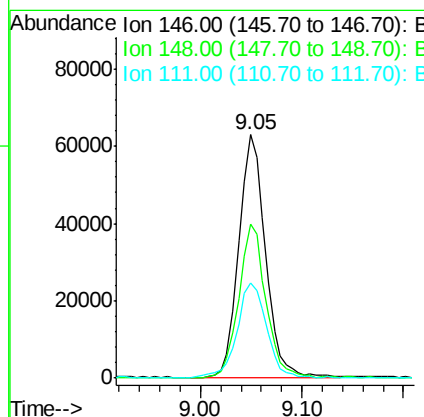
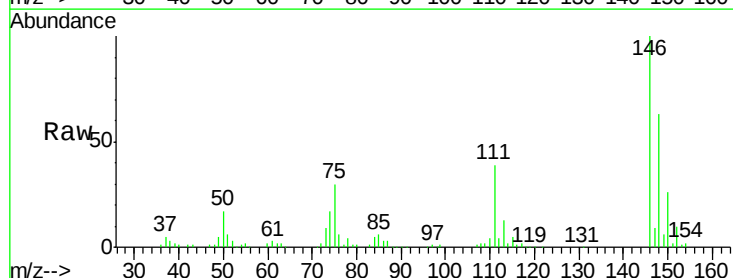
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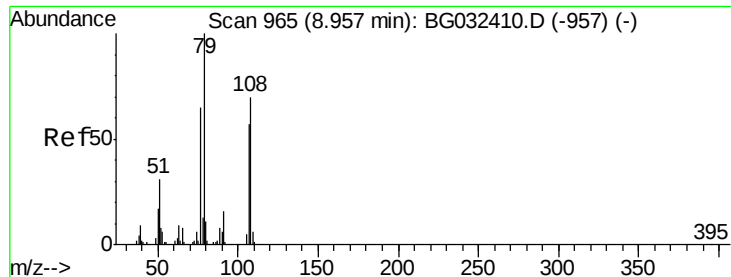
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#14
1,2-Dichlorobenzene
Concen: 42.953 ng
RT: 9.05 min Scan# 980
Delta R.T. -0.03 min
Lab File: BG032612.D
Acq: 8 Feb 2018 16:11

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	49.3	73.9
111	39.1	34.3	51.5





#15

Benzyl Alcohol

Concen: 43.130 ng

RT: 8.93 min Scan# 959

Delta R.T. -0.02 min

Lab File: BG032612.D

Acq: 8 Feb 2018 16:11

Instrument :

BNA_G

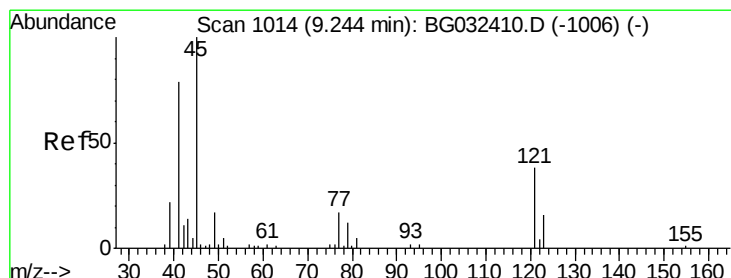
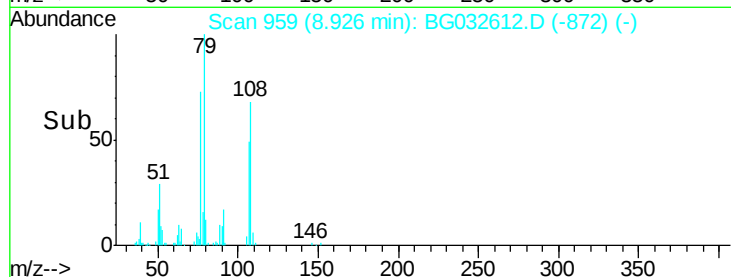
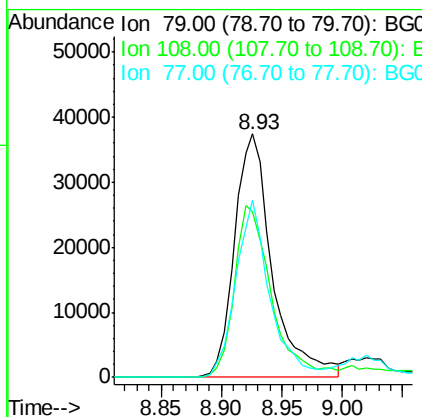
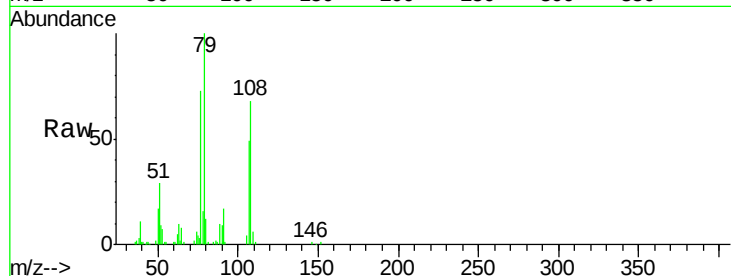
ClientSampleId :

TR-05-020718MS

Tot Ion:	79	Resp:	81725
Ion Ratio	Lower	Upper	
79	100		
108	67.9	57.2	85.8
77	72.9	46.1	69.1#

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 49.170 ng

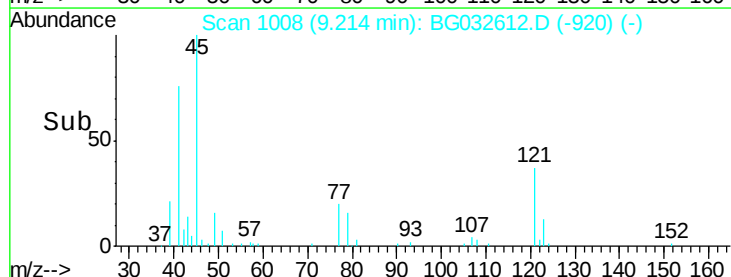
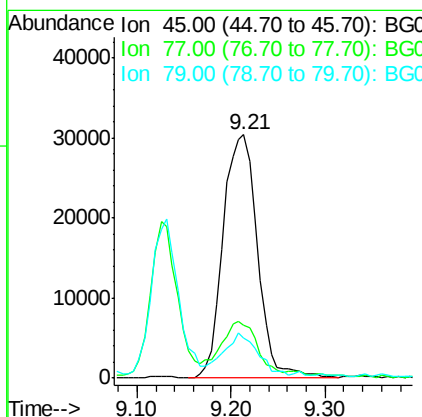
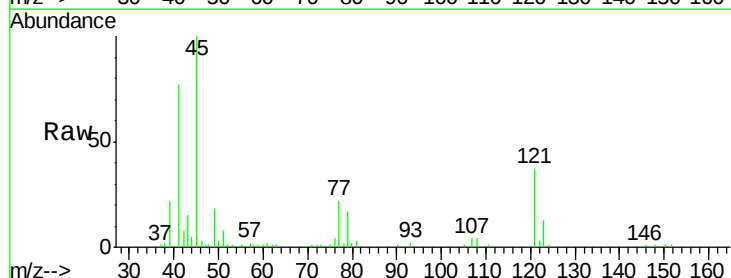
RT: 9.21 min Scan# 1008

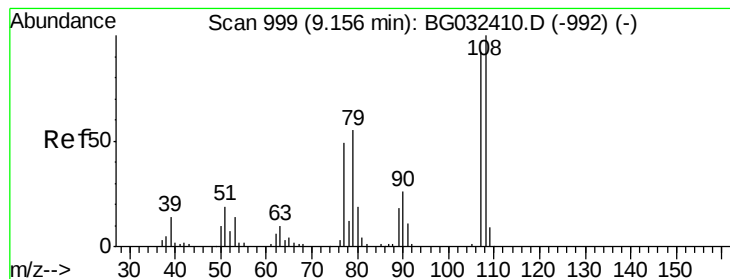
Delta R.T. -0.01 min

Lab File: BG032612.D

Acq: 8 Feb 2018 16:11

Tgt Ion:	45	Resp:	77511
Ion Ratio	Lower	Upper	
45	100		
77	21.8	0.0	30.2
79	16.7	0.0	27.9





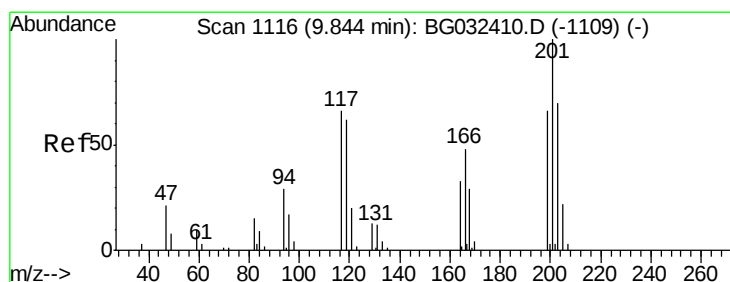
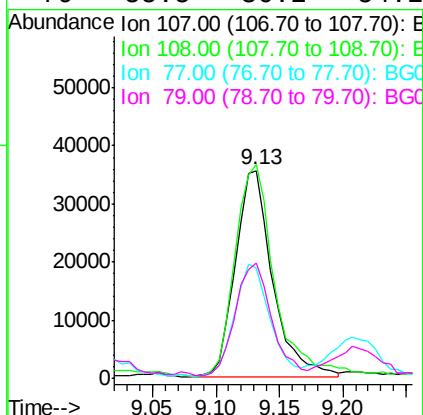
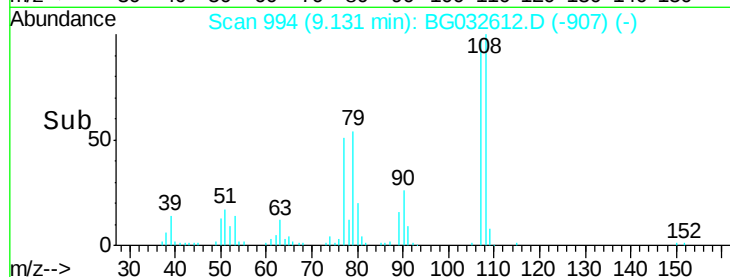
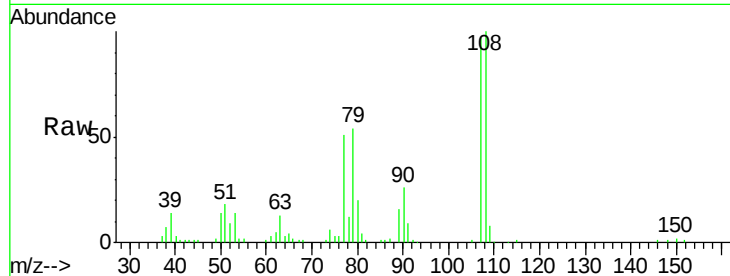
#17
2-Methylphenol
Concen: 40.589 ng
RT: 9.13 min Scan# 994
Delta R.T. -0.02 min
Lab File: BG032612.D
Acq: 8 Feb 2018 16:11

Instrument :
BNA_G
ClientSampleId :
TR-05-020718MS

Tot Ion	Ratio	Lower	Upper
107	100		
108	102.9	83.9	125.9
77	52.9	37.2	55.8
79	55.5	36.2	54.2

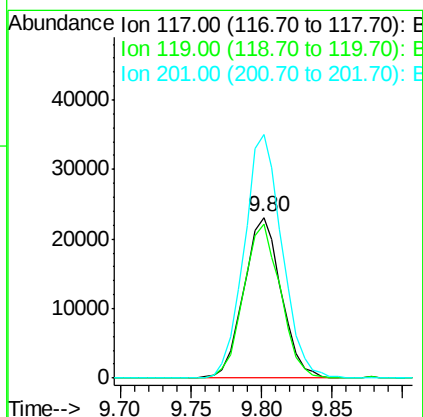
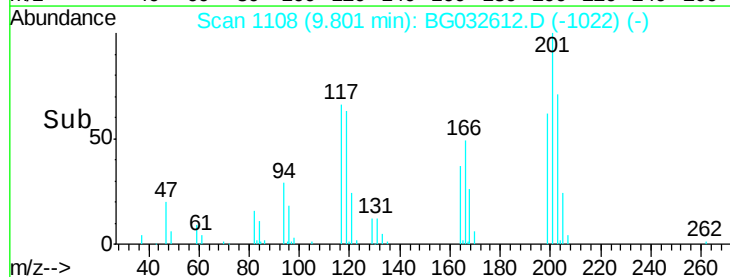
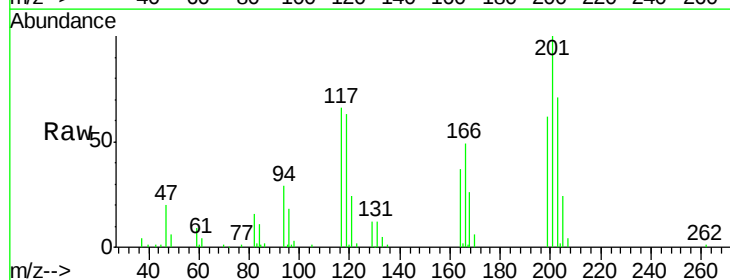
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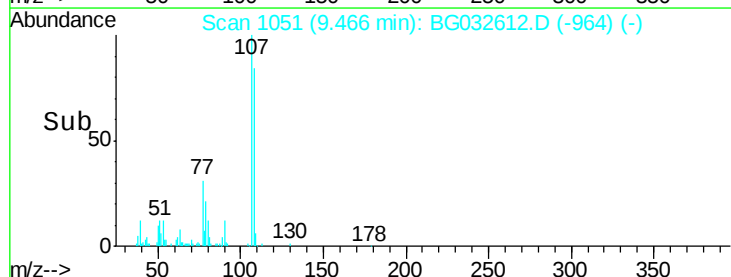
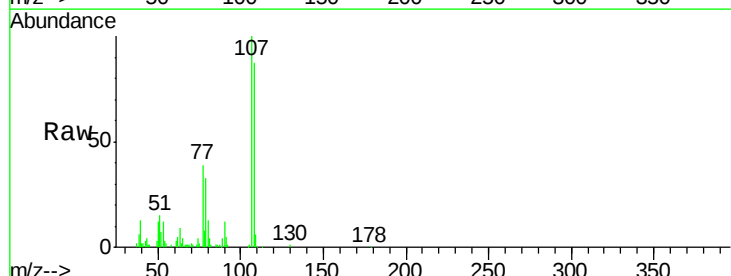
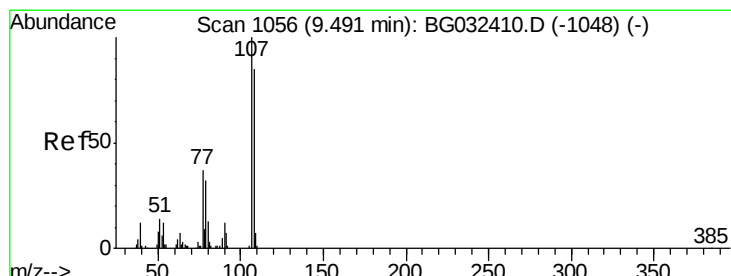
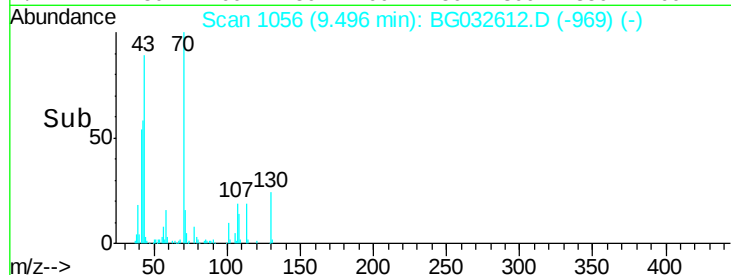
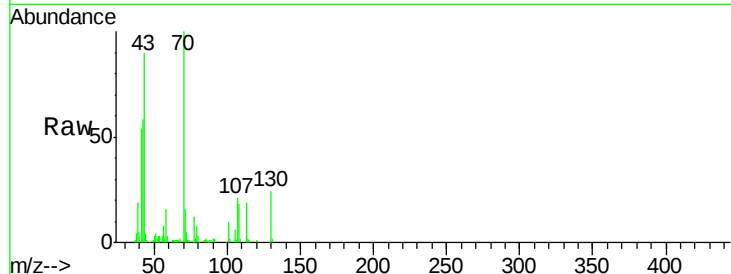
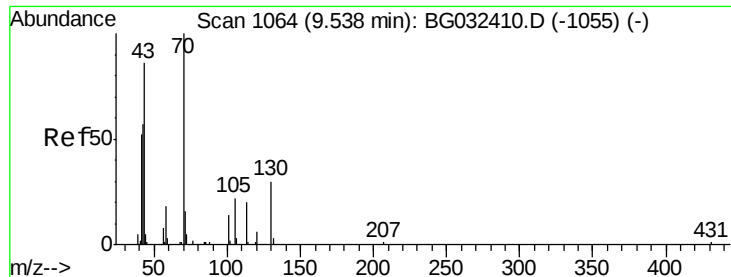
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#18
Hexachloroethane
Concen: 46.196 ng
RT: 9.80 min Scan# 1108
Delta R.T. -0.03 min
Lab File: BG032612.D
Acq: 8 Feb 2018 16:11

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.1	76.7	115.1
201	151.7	95.7	143.5





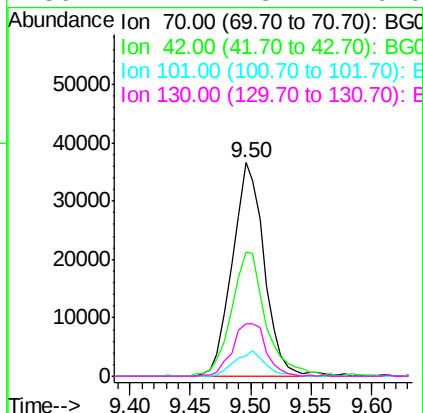
#19
n-Nitroso-di-n-propylamine
Concen: 44.277 ng
RT: 9.50 min Scan# 1056
Delta R.T. -0.02 min
Lab File: BG032612.D
Acq: 8 Feb 2018 16:11

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	58.3	49.1	73.7	
101	9.6	8.5	12.7	
130	24.4	13.4	20.0	

Instrument :
BNA_G
ClientSampleId :
TR-05-020718MS

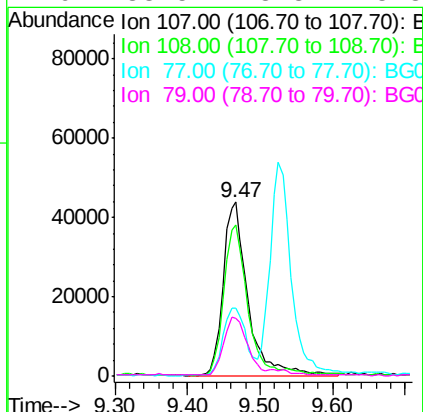
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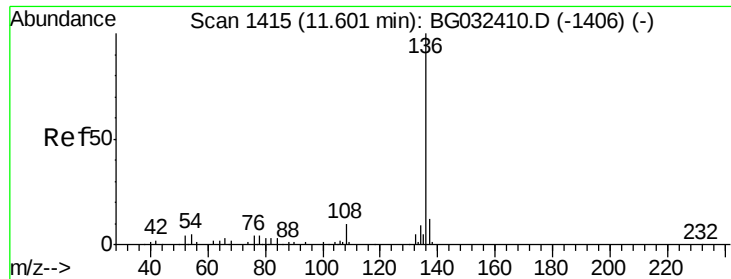
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#20
3+4-Methylphenols
Concen: 42.168 ng
RT: 9.47 min Scan# 1051
Delta R.T. -0.02 min
Lab File: BG032612.D
Acq: 8 Feb 2018 16:11

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.1	61.6	101.6	
77	39.0	13.9	53.9	
79	33.5	8.8	48.8	





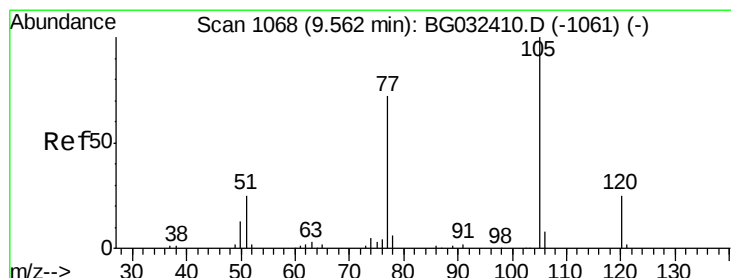
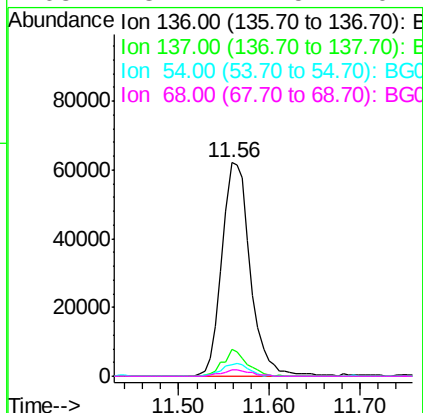
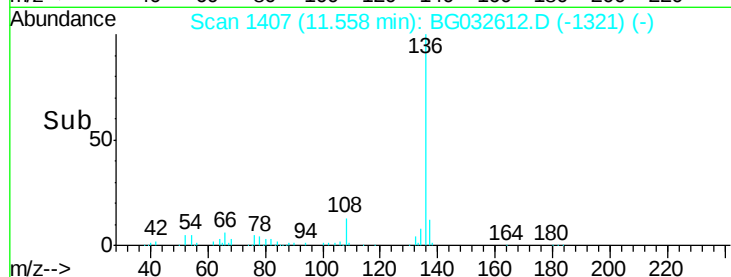
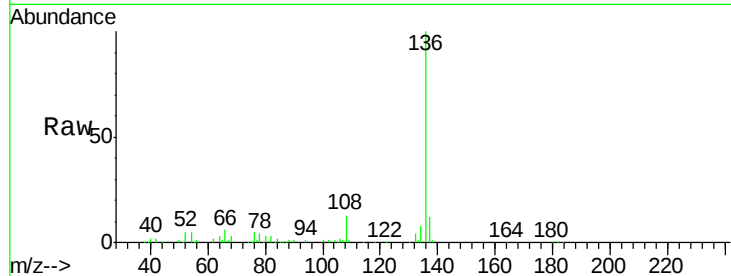
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.56 min Scan# 1407
Delta R.T. -0.03 min
Lab File: BG032612.D
Acq: 8 Feb 2018 16:11

Instrument :
BNA_G
ClientSampleId :
TR-05-020718MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		134904		
137	12.4		9.2	13.8	
54	5.4		10.3	15.5	
68	3.2		4.5	6.7	

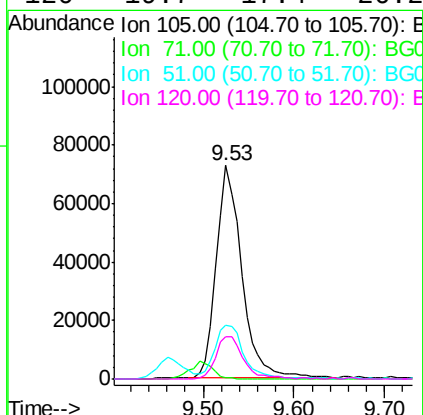
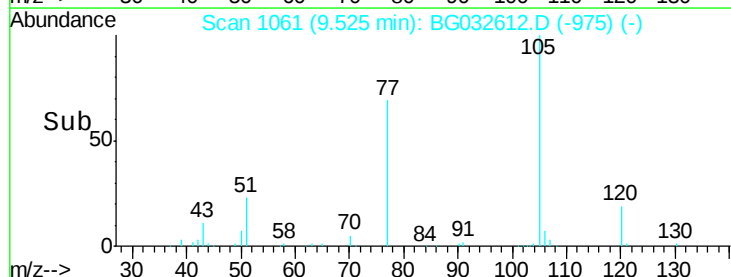
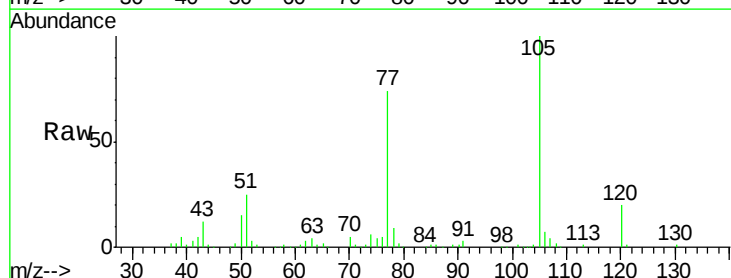
Manual Integrations
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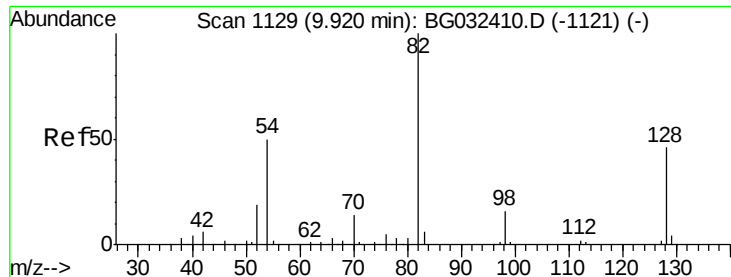
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#22
Acetophenone
Concen: 45.130 ng
RT: 9.53 min Scan# 1061
Delta R.T. -0.03 min
Lab File: BG032612.D
Acq: 8 Feb 2018 16:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		142714		
71	0.7		3.0	4.4	
51	25.0		26.1	39.1	
120	19.7		17.4	26.2	





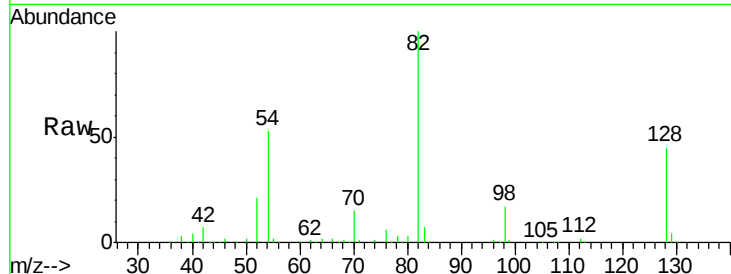
#23
 Nitrobenzene-d5
 Concen: 98.565 ng
 RT: 9.88 min Scan# 1122
 Delta R.T. -0.03 min
 Lab File: BG032612.D
 Acq: 8 Feb 2018 16:11

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-020718MS

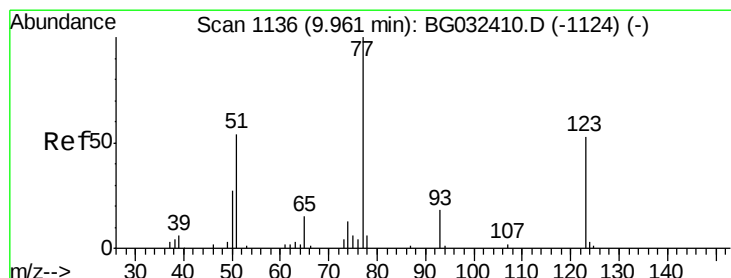
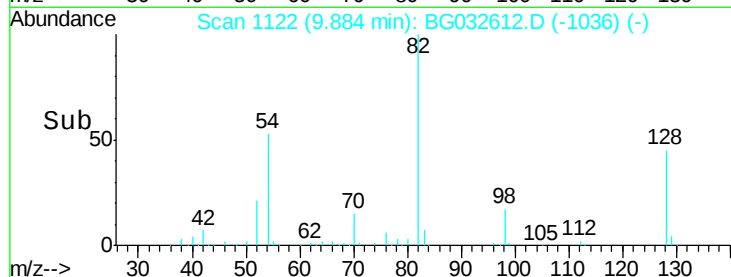
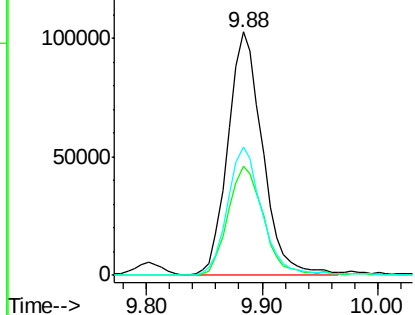
Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	44.9	29.7	44.5	
54	52.6	43.1	64.7	

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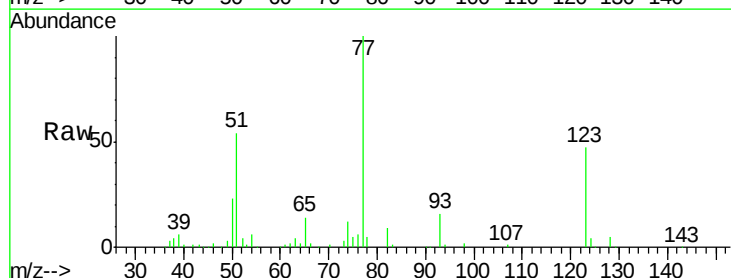


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

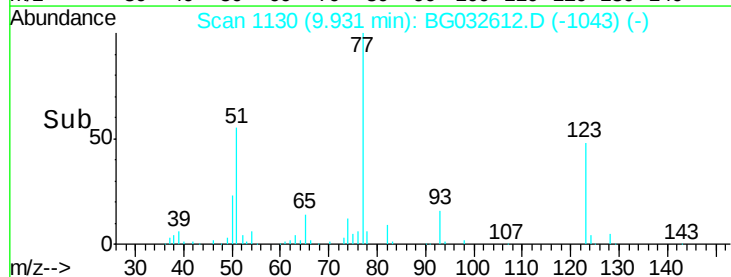
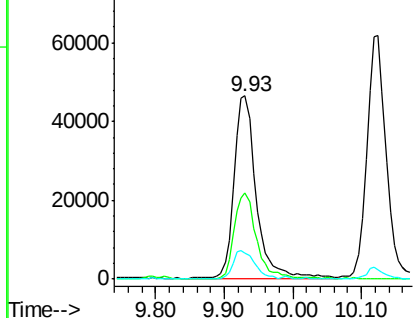


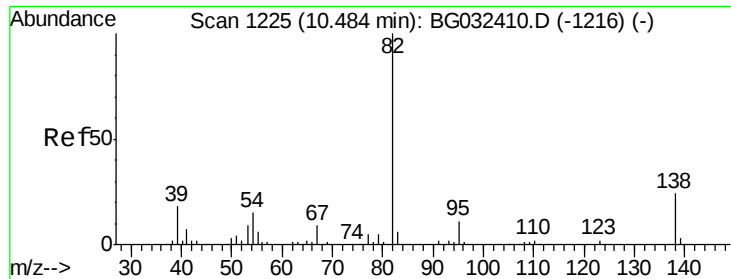
#24
 Nitrobenzene
 Concen: 50.744 ng
 RT: 9.93 min Scan# 1130
 Delta R.T. -0.02 min
 Lab File: BG032612.D
 Acq: 8 Feb 2018 16:11

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	47.3	33.0	49.6	
65	13.9	13.0	19.6	



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





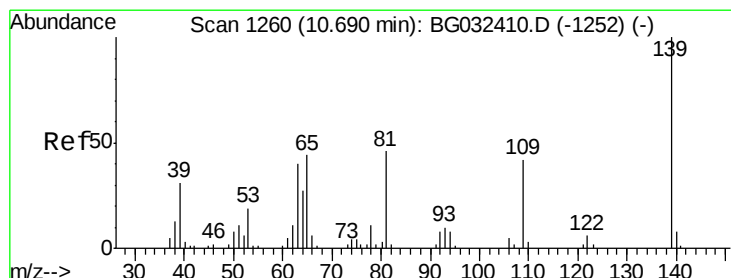
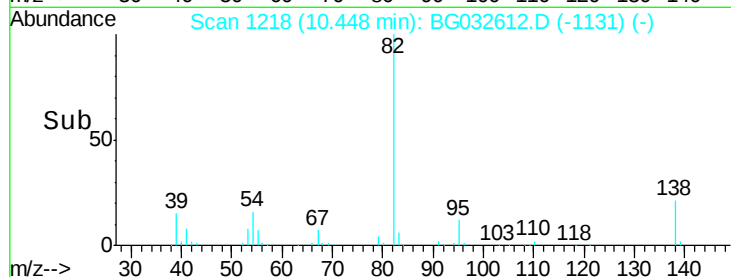
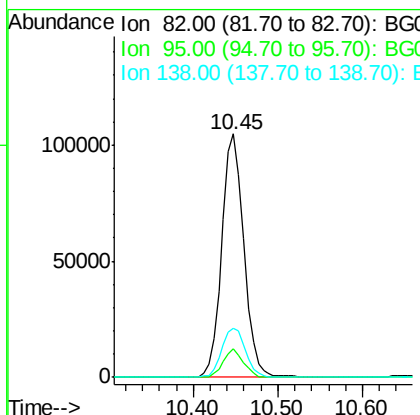
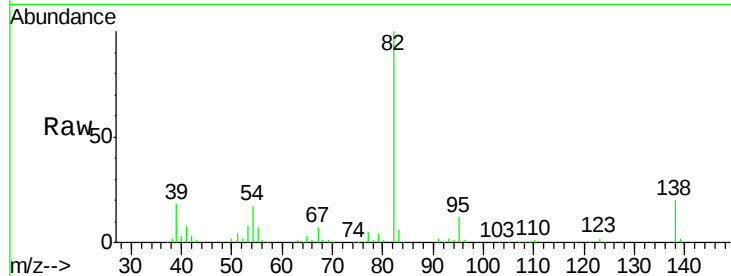
#25
Isophorone
Concen: 51.543 ng
RT: 10.45 min Scan# 1218
Delta R.T. -0.02 min
Lab File: BG032612.D
Acq: 8 Feb 2018 16:11

Instrument :
BNA_G
ClientSampleId :
TR-05-020718MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	11.7	6.2	9.2#	
138	20.3	12.1	18.1#	

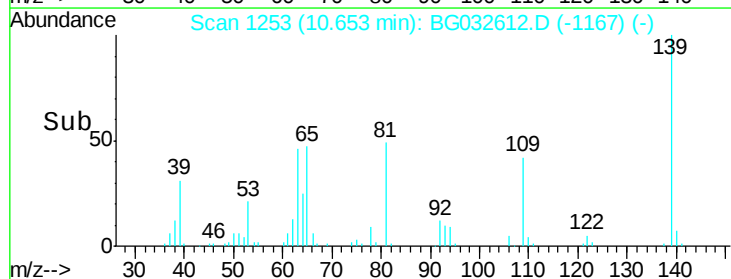
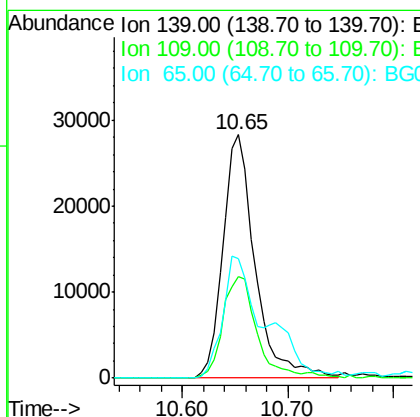
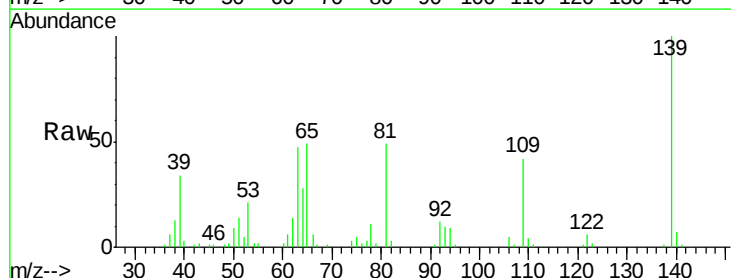
Manual Integrations
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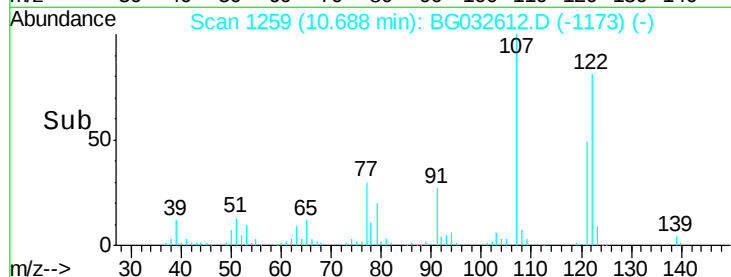
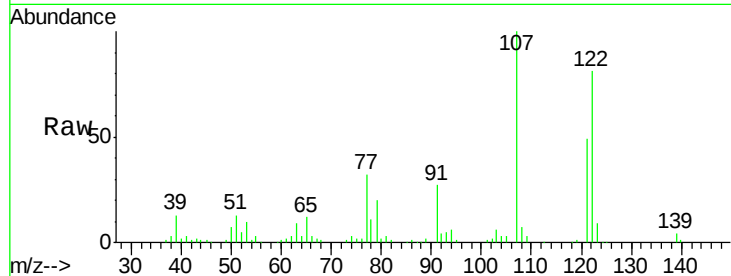
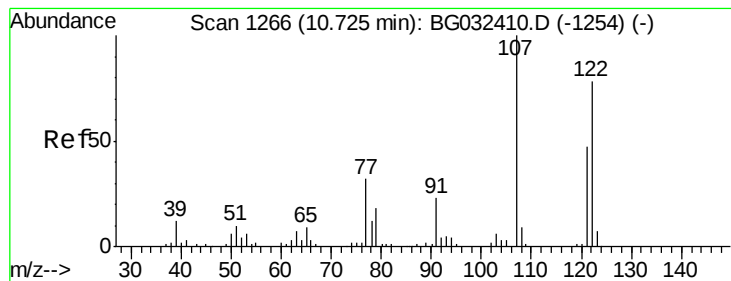
Sohil
2/9/2018 4:34:26 PM



#26
2-Nitrophenol
Concen: 47.153 ng
RT: 10.65 min Scan# 1253
Delta R.T. -0.03 min
Lab File: BG032612.D
Acq: 8 Feb 2018 16:11

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	41.6	24.2	36.2#	
65	48.9	47.4	71.0	





#27

2,4-Dimethylphenol

Concen: 51.739 ng

RT: 10.69 min Scan# 1259

Delta R.T. -0.03 min

Lab File: BG032612.D

Acq: 8 Feb 2018 16:11

Tot Ion:	122	Resp:	93755
Ion Ratio	Lower	Upper	
122	100		
107	123.0	100.2	150.2
121	60.7	44.4	66.6

Instrument :

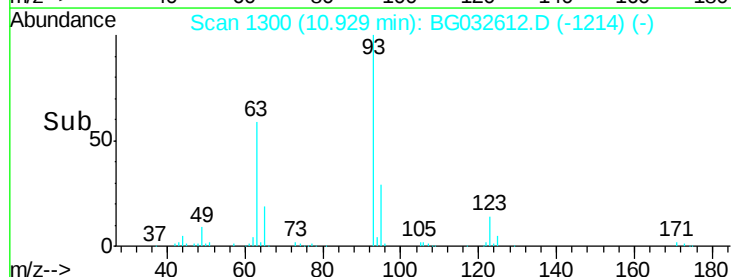
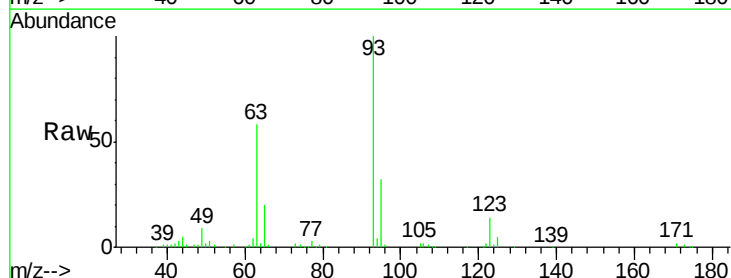
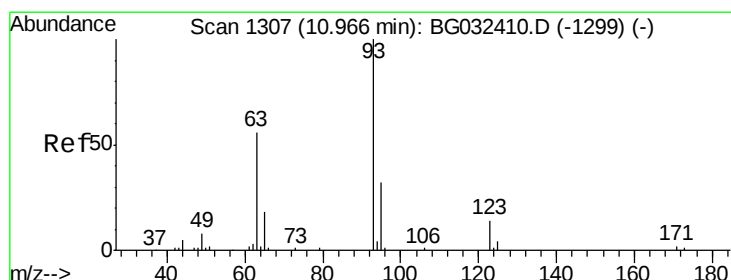
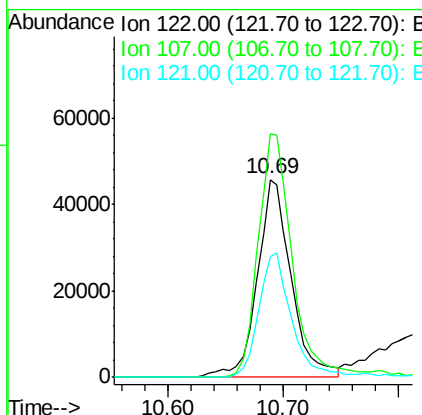
BNA_G

ClientSampleId :

TR-05-020718MS

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#28

bis(2-Chloroethoxy)methane

Concen: 51.955 ng

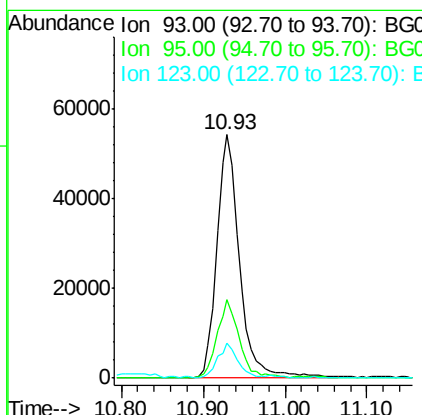
RT: 10.93 min Scan# 1300

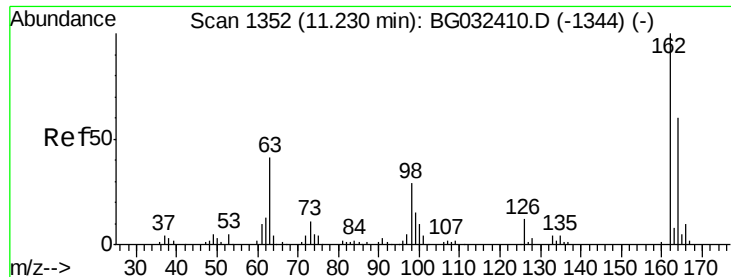
Delta R.T. -0.03 min

Lab File: BG032612.D

Acq: 8 Feb 2018 16:11

Tgt Ion:	93	Resp:	104777
Ion Ratio	Lower	Upper	
93	100		
95	32.5	24.3	36.5
123	14.3	8.4	12.6#





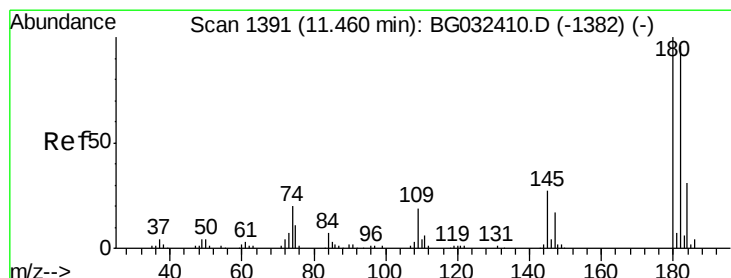
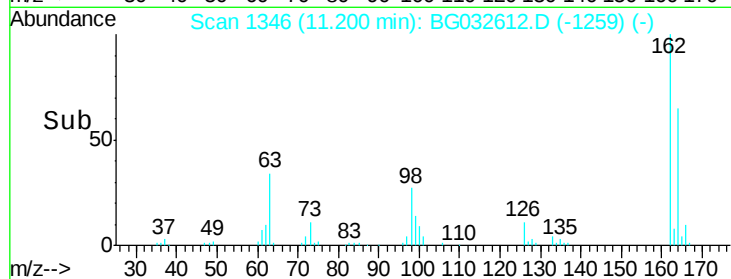
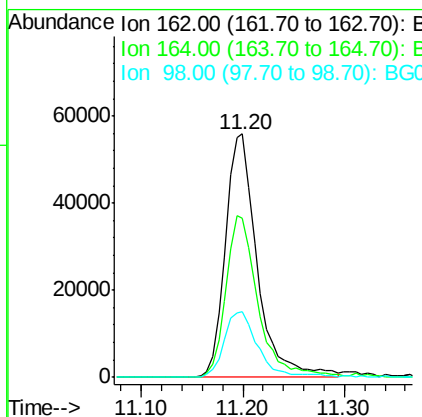
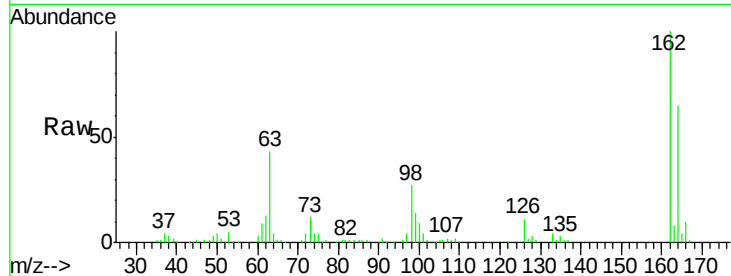
#29
 2,4-Dichlorophenol
 Concen: 50.629 ng
 RT: 11.20 min Scan# 1346
 Delta R.T. -0.02 min
 Lab File: BG032612.D
 Acq: 8 Feb 2018 16:11

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-020718MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100				
164	65.2	48.0	88.0		
98	27.1	21.1	61.1		

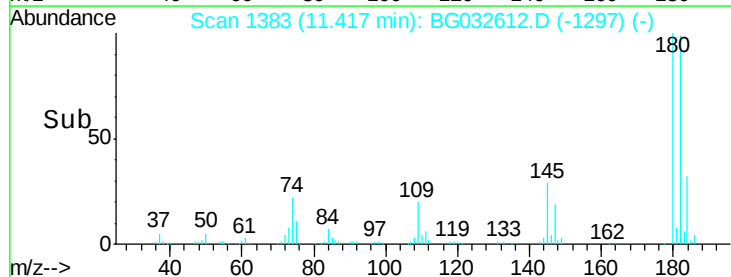
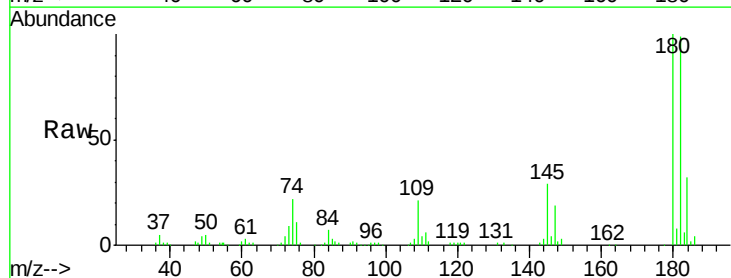
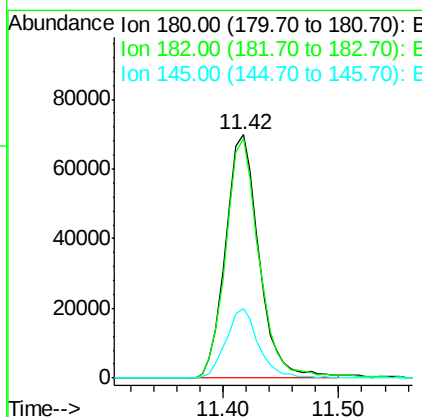
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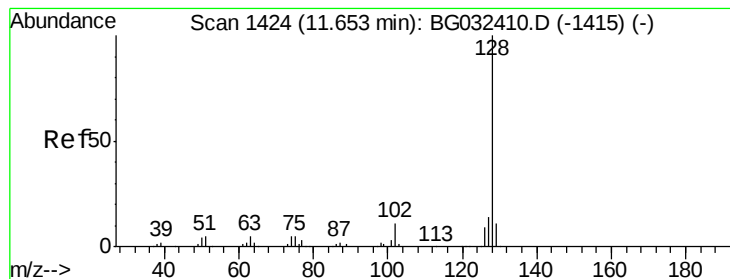
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#30
 1,2,4-Trichlorobenzene
 Concen: 43.877 ng
 RT: 11.42 min Scan# 1383
 Delta R.T. -0.03 min
 Lab File: BG032612.D
 Acq: 8 Feb 2018 16:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100				
182	98.6	77.5	116.3		
145	28.5	23.4	35.2		





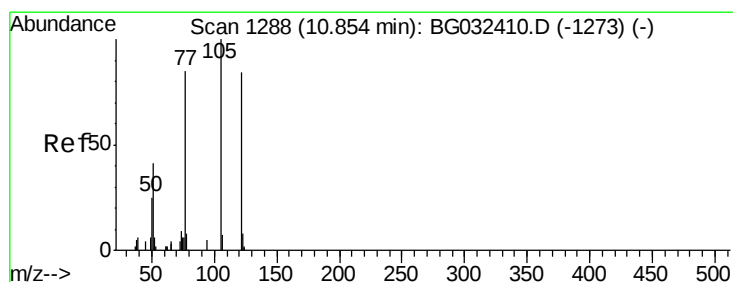
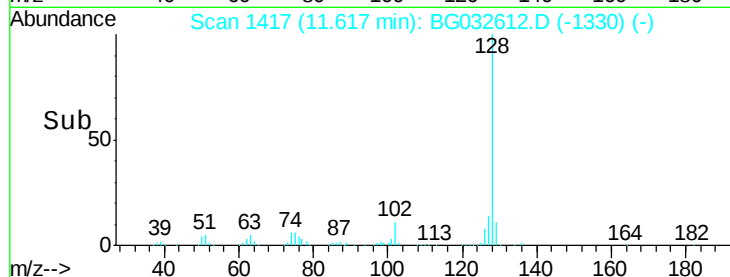
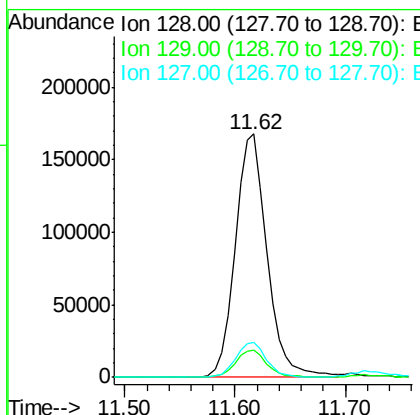
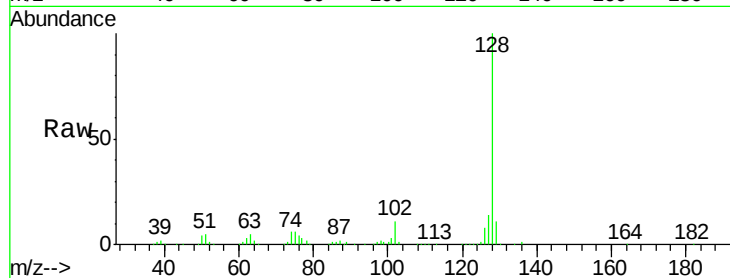
#31
Naphthalene
Concen: 51.424 ng
RT: 11.62 min Scan# 1417
Delta R.T. -0.02 min
Lab File: BG032612.D
Acq: 8 Feb 2018 16:11

Instrument :
BNA_G
ClientSampleId :
TR-05-020718MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.6	12.8
127	14.3	11.6	17.4

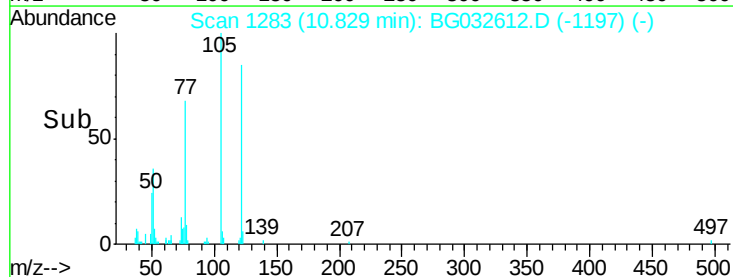
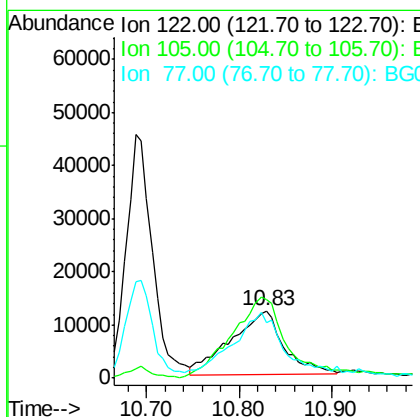
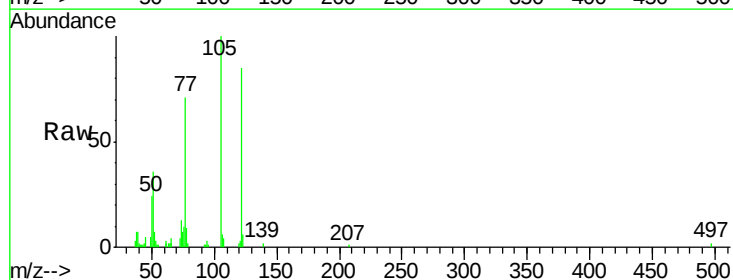
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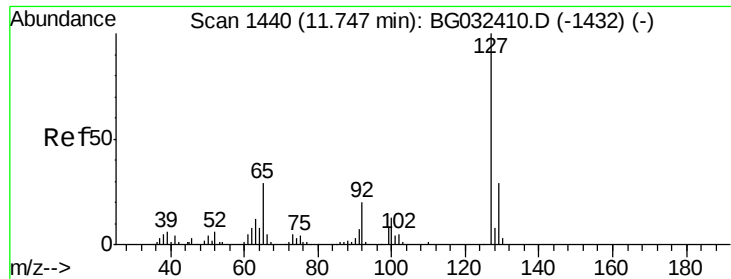
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#32
Benzoic acid
Concen: 37.695 ng m
RT: 10.83 min Scan# 1283
Delta R.T. -0.03 min
Lab File: BG032612.D
Acq: 8 Feb 2018 16:11

Tgt Ion	Ratio	Lower	Upper
122	100		
105	117.0	123.5	163.5#
77	82.5	85.7	125.7#





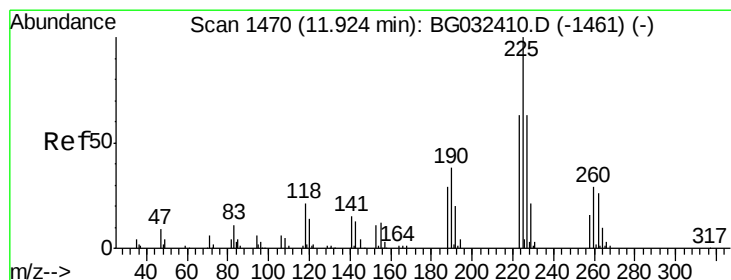
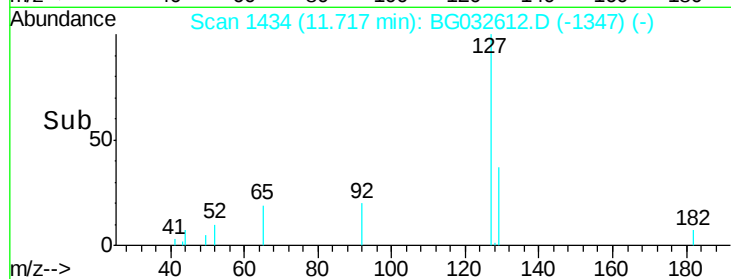
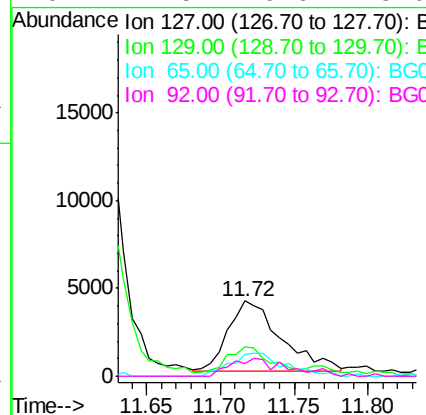
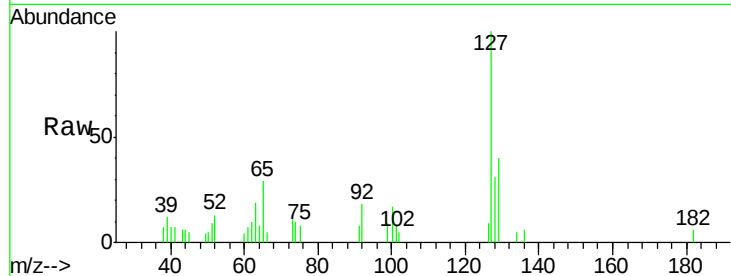
#33
4-Chloroaniline
Concen: 3.439 ng
RT: 11.72 min Scan# 1434
Delta R.T. -0.02 min
Lab File: BG032612.D
Acq: 8 Feb 2018 16:11

Instrument :
BNA_G
ClientSampleId :
TR-05-020718MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		10107		
129	39.7	24.0	36.0		
65	29.3	27.0	40.4		
92	17.5	16.6	25.0		

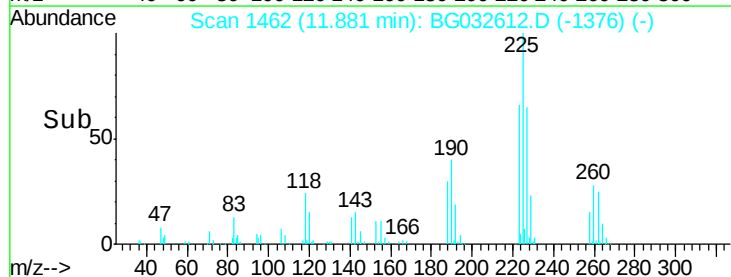
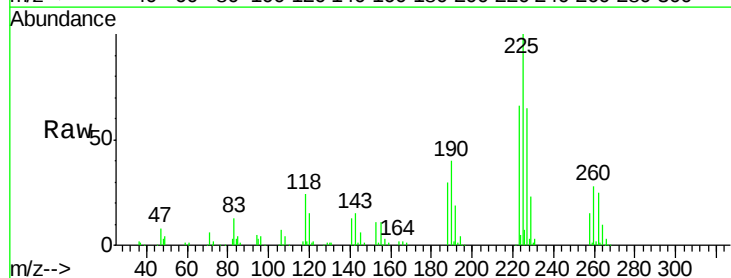
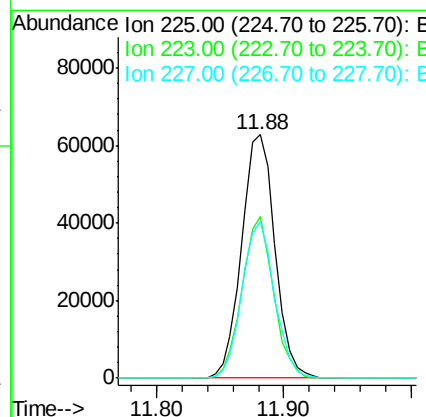
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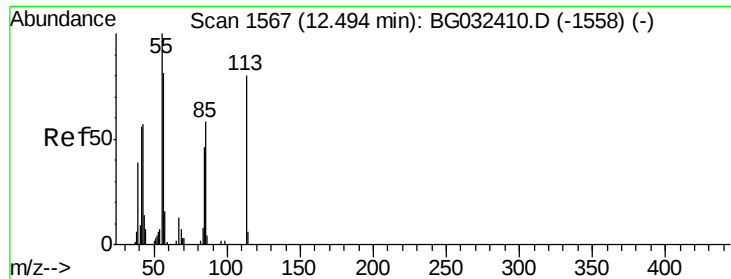
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#34
Hexachlorobutadiene
Concen: 46.009 ng
RT: 11.88 min Scan# 1462
Delta R.T. -0.03 min
Lab File: BG032612.D
Acq: 8 Feb 2018 16:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		114527		
223	66.3	49.7	74.5		
227	64.5	48.1	72.1		





#35

Caprolactam

Concen: 38.799 ng

RT: 12.47 min Scan# 1563

Delta R.T. -0.01 min

Lab File: BG032612.D

Acq: 8 Feb 2018 16:11

Instrument :

BNA_G

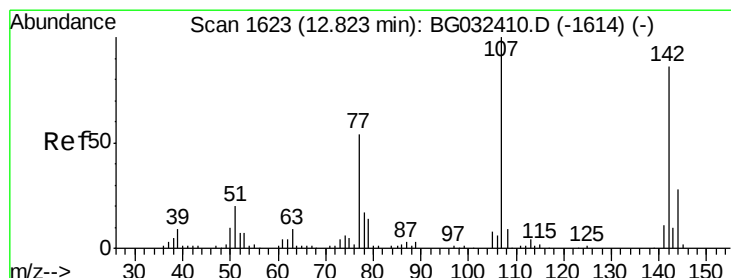
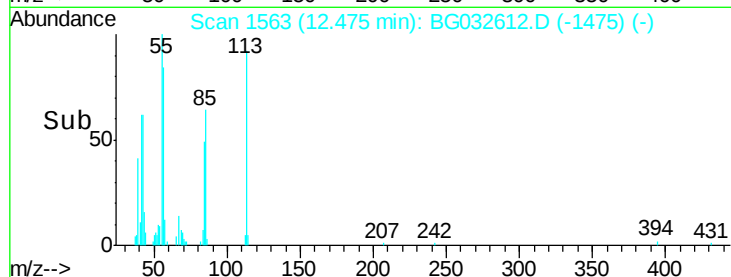
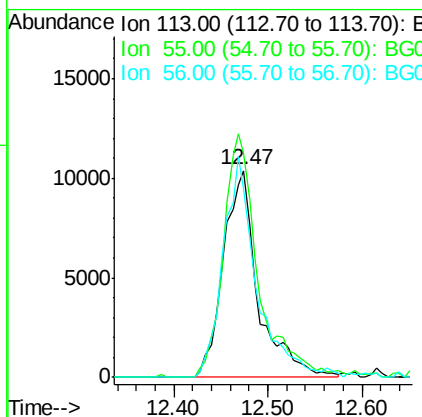
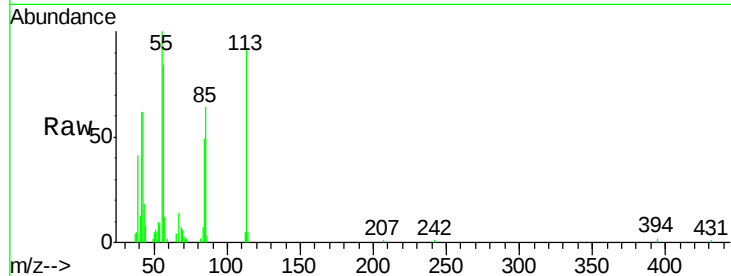
ClientSampleId :

TR-05-020718MS

Tot Ion:	113	Resp:	26737
Ion Ratio	Lower	Upper	
113	100		
55	108.8	186.9	226.9#
56	91.1	130.9	170.9#

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#36

4-Chloro-3-methylphenol

Concen: 49.601 ng

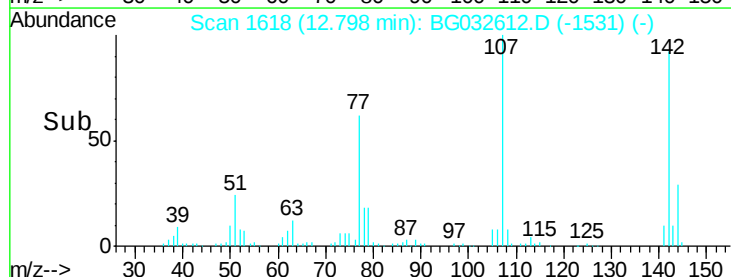
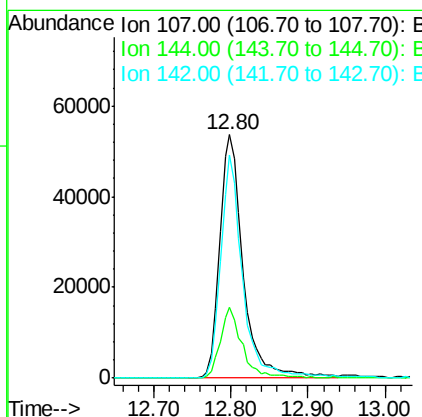
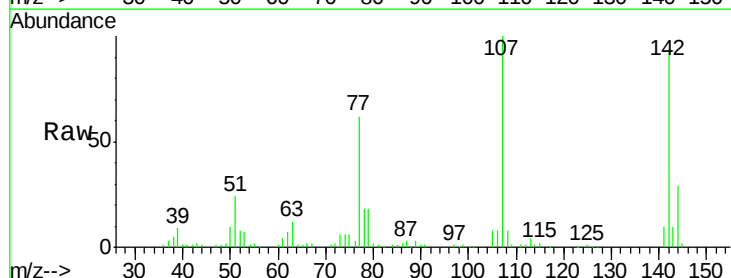
RT: 12.80 min Scan# 1618

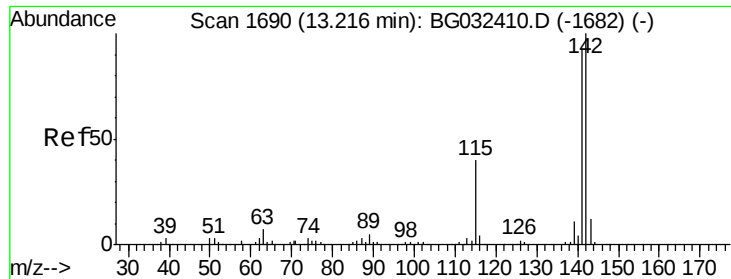
Delta R.T. -0.02 min

Lab File: BG032612.D

Acq: 8 Feb 2018 16:11

Tgt Ion:	107	Resp:	112941
Ion Ratio	Lower	Upper	
107	100		
144	28.9	18.2	27.4#
142	91.9	59.0	88.4#





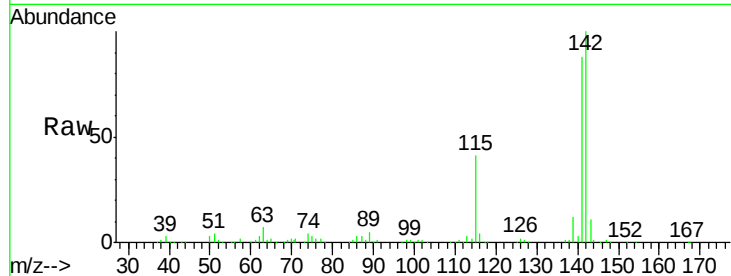
#37
2-Methylnaphthalene
Concen: 46.010 ng
RT: 13.18 min Scan# 1683
Delta R.T. -0.03 min
Lab File: BG032612.D
Acq: 8 Feb 2018 16:11

Instrument :
BNA_G
ClientSampleId :
TR-05-020718MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.5	67.1	100.7
115	40.5	30.7	46.1

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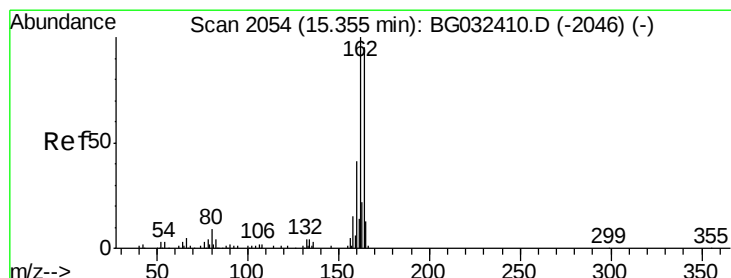
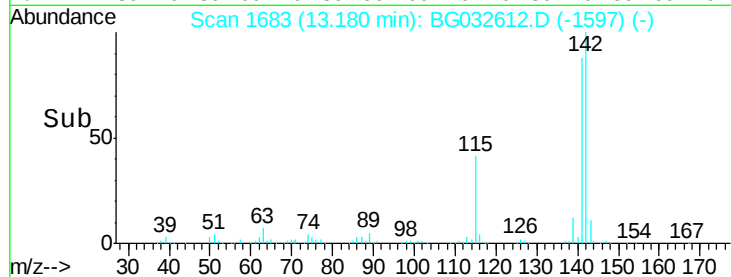
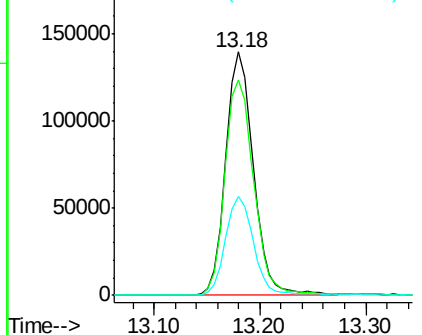


Abundance

Ion 142.00 (141.70 to 142.70): E

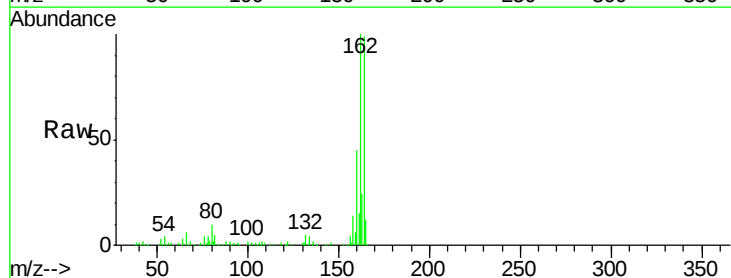
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.32 min Scan# 2048
Delta R.T. -0.02 min
Lab File: BG032612.D
Acq: 8 Feb 2018 16:11

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.0	78.8	118.2
160	45.0	35.4	53.0

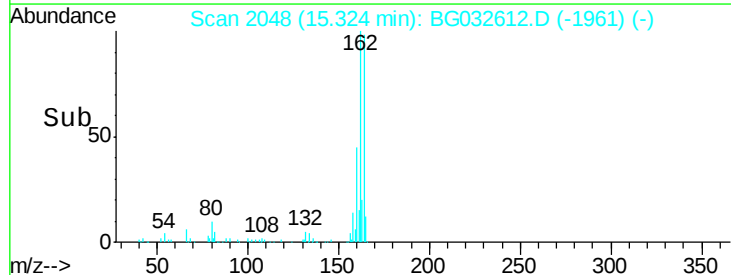
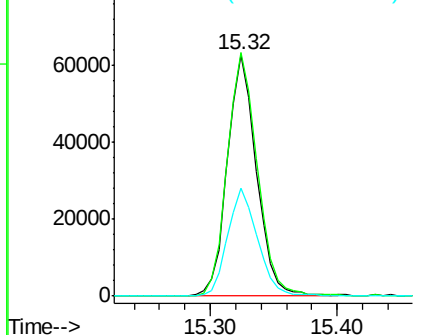


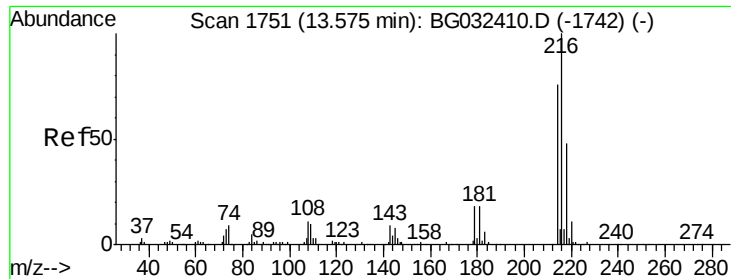
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





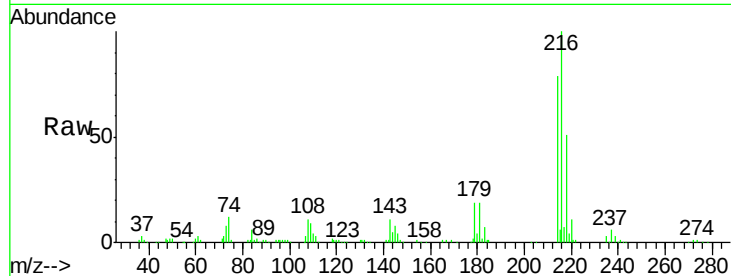
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.900 ng
 RT: 13.54 min Scan# 1744
 Delta R.T. -0.02 min
 Lab File: BG032612.D
 Acq: 8 Feb 2018 16:11

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-020718MS

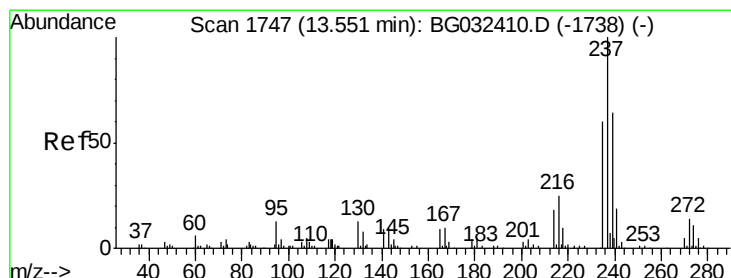
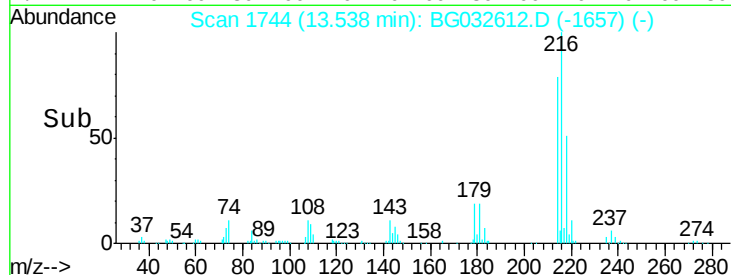
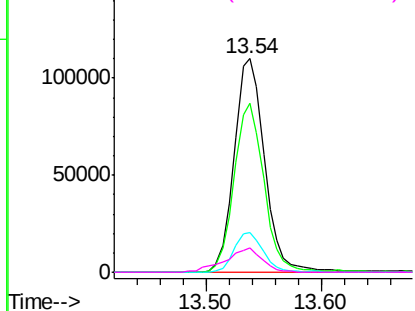
Tot Ion	Ratio	Lower	Upper
216	100		
214	77.6	63.0	94.4
179	18.0	17.0	25.6
108	13.8	12.8	19.2

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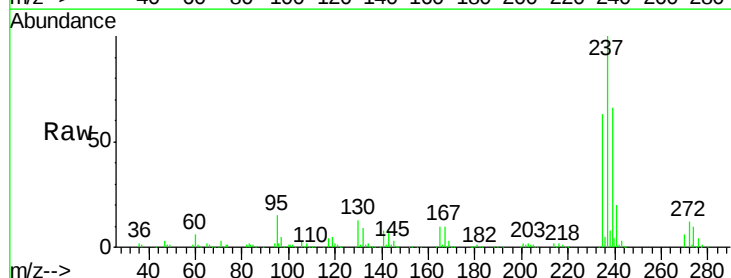


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

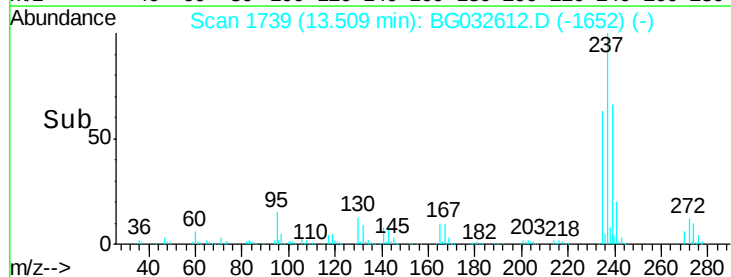
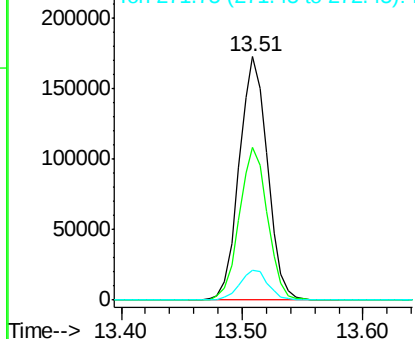


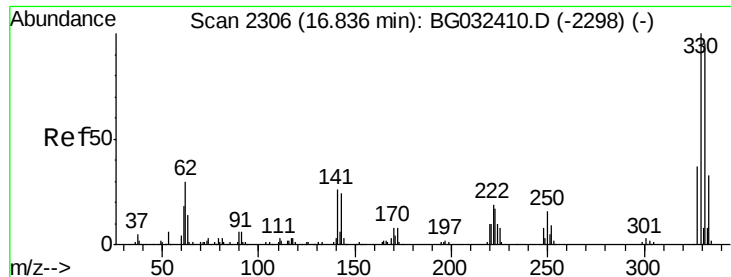
#40
 Hexachlorocyclopentadiene
 Concen: 96.857 ng
 RT: 13.51 min Scan# 1739
 Delta R.T. -0.02 min
 Lab File: BG032612.D
 Acq: 8 Feb 2018 16:11

Tgt Ion	Ratio	Lower	Upper
237	100		
235	63.0	50.4	90.4
272	12.1	0.0	31.8



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





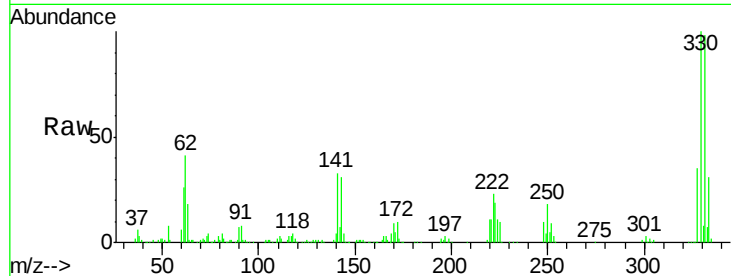
#41
 2,4,6-Tribromophenol
 Concen: 131.790 ng
 RT: 16.80 min Scan# 2300
 Delta R.T. -0.01 min
 Lab File: BG032612.D
 Acq: 8 Feb 2018 16:11

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-020718MS

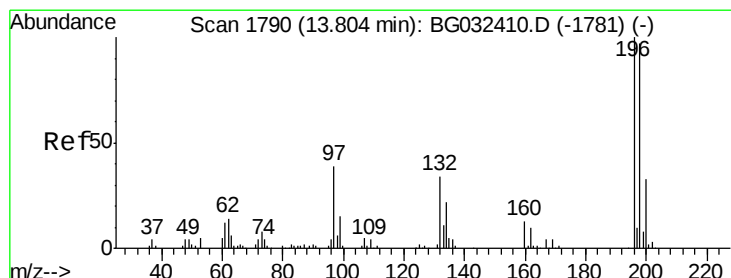
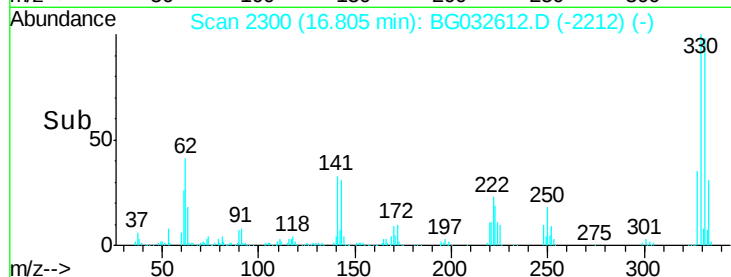
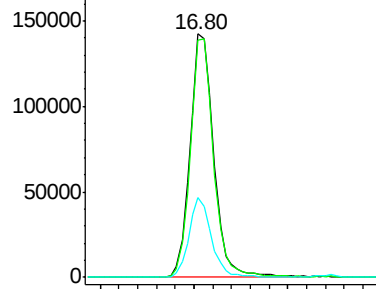
Tot Ion	Ratio	Resp	Lower	Upper
330	100	250185		
332	96.5		77.0	115.6
141	31.1		25.2	37.8

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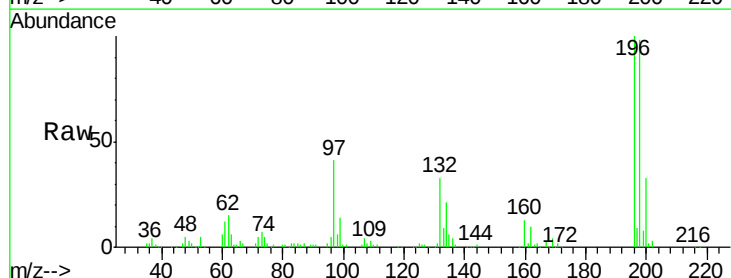


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

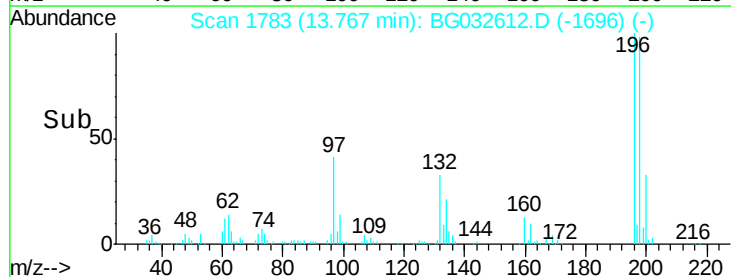
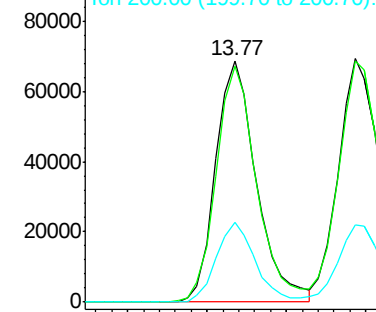


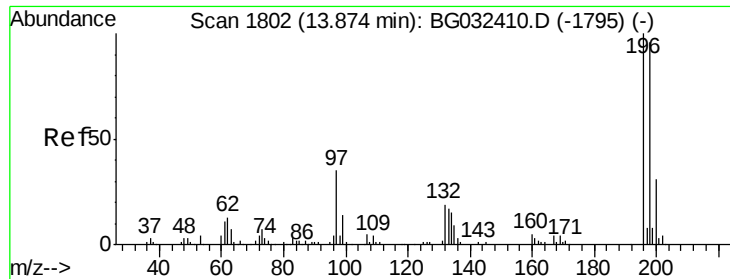
#42
 2,4,6-Trichlorophenol
 Concen: 48.411 ng
 RT: 13.77 min Scan# 1783
 Delta R.T. -0.02 min
 Lab File: BG032612.D
 Acq: 8 Feb 2018 16:11

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	122860		
198	97.7		78.2	117.2
200	33.1		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





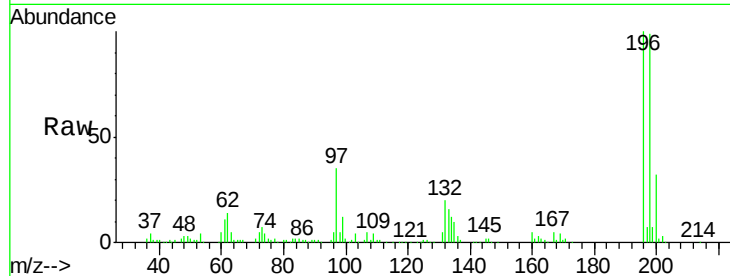
#43
 2,4,5-Trichlorophenol
 Concen: 44.936 ng
 RT: 13.84 min Scan# 1796
 Delta R.T. -0.03 min
 Lab File: BG032612.D
 Acq: 8 Feb 2018 16:11

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-020718MS

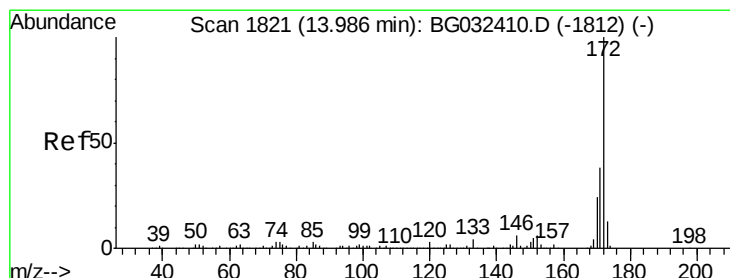
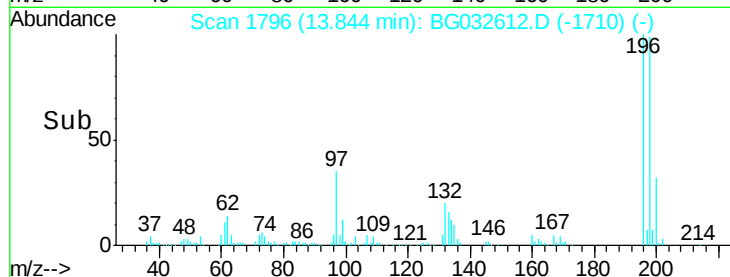
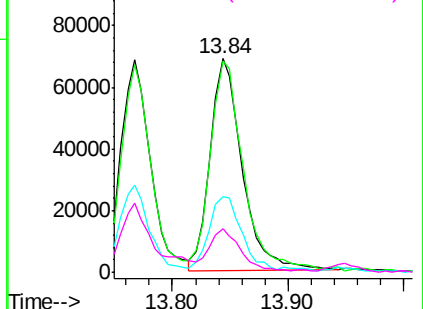
Tot Ion	Ratio	Lower	Upper
196	100		
198	99.1	76.2	114.4
97	35.1	38.7	58.1
132	20.2	20.2	30.2

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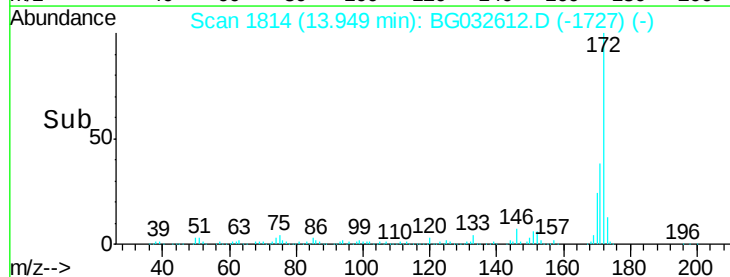
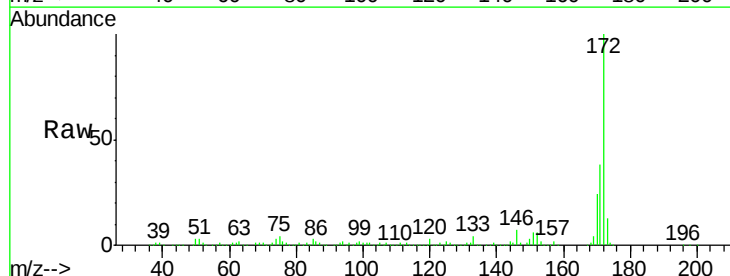
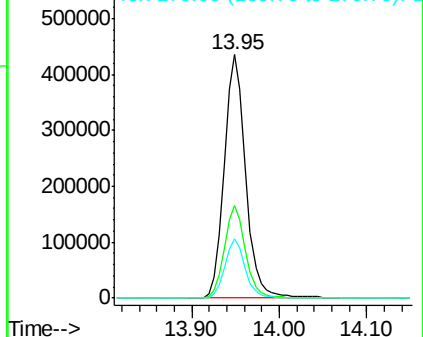
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

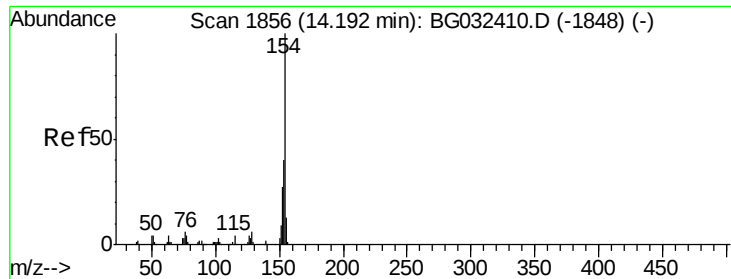


#44
 2-Fluorobiphenyl
 Concen: 87.863 ng
 RT: 13.95 min Scan# 1814
 Delta R.T. -0.02 min
 Lab File: BG032612.D
 Acq: 8 Feb 2018 16:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.3	30.0	45.0
170	24.1	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: 43.260 ng

RT: 14.16 min Scan# 1850

Delta R.T. -0.02 min

Lab File: BG032612.D

Acq: 8 Feb 2018 16:11

Instrument :

BNA_G

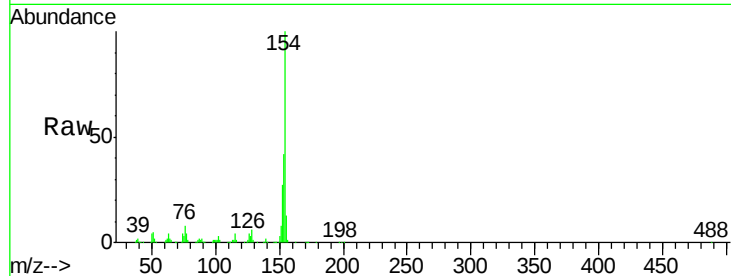
ClientSampleId :

TR-05-020718MS

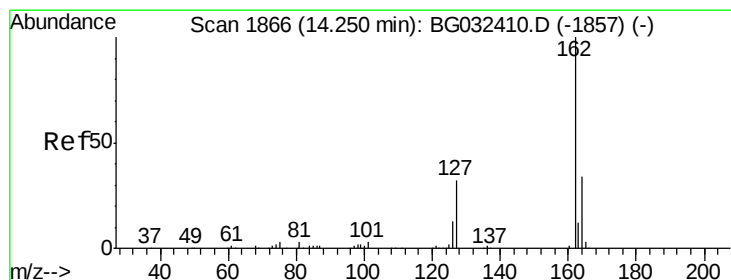
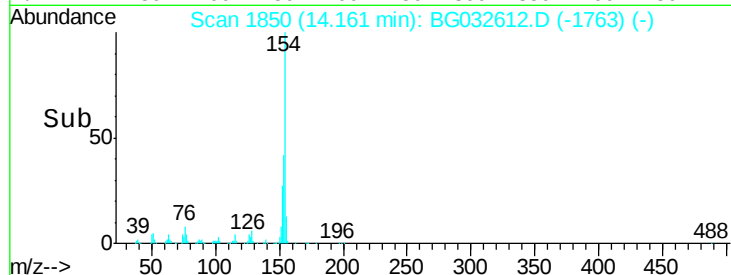
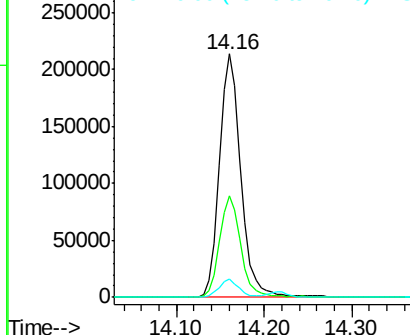
Tot Ion:	154	Resp:	364494
Ion Ratio	Lower	Upper	
154	100		
153	41.7	19.8	59.8
76	7.6	0.0	31.9

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): B



#46

2-Chloronaphthalene

Concen: 42.743 ng

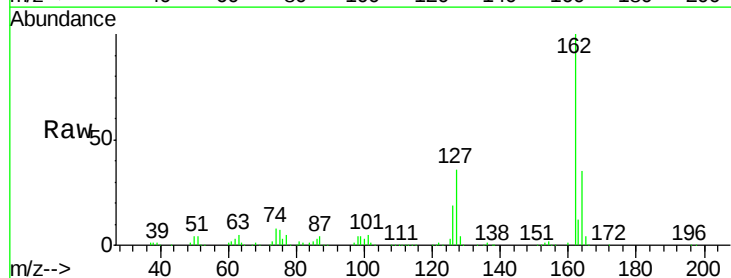
RT: 14.21 min Scan# 1859

Delta R.T. -0.02 min

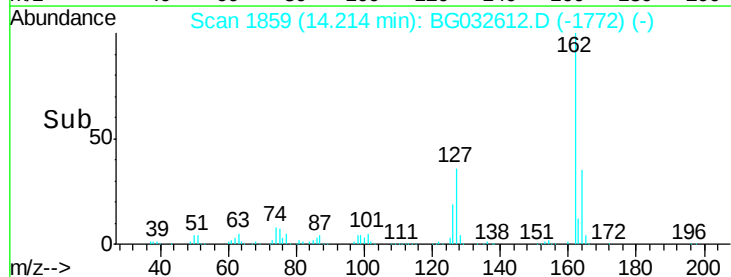
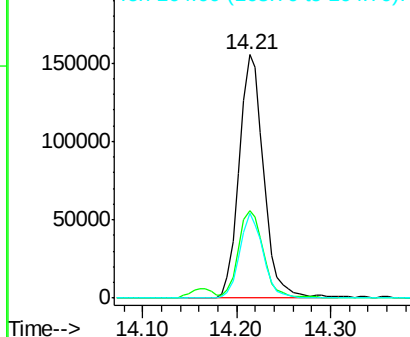
Lab File: BG032612.D

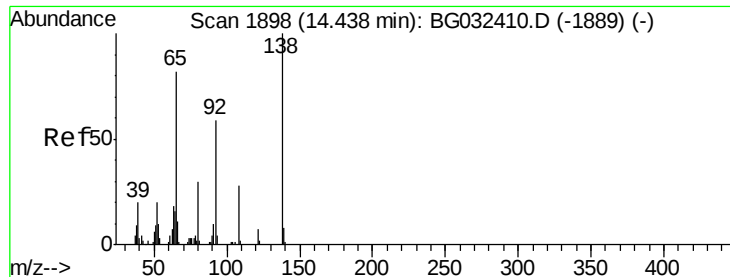
Acq: 8 Feb 2018 16:11

Tgt Ion:	162	Resp:	282273
Ion Ratio	Lower	Upper	
162	100		
127	35.8	30.7	46.1
164	34.8	26.0	39.0



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 45.707 ng

RT: 14.41 min Scan# 1892

Delta R.T. -0.02 min

Lab File: BG032612.D

Acq: 8 Feb 2018 16:11

Instrument :

BNA_G

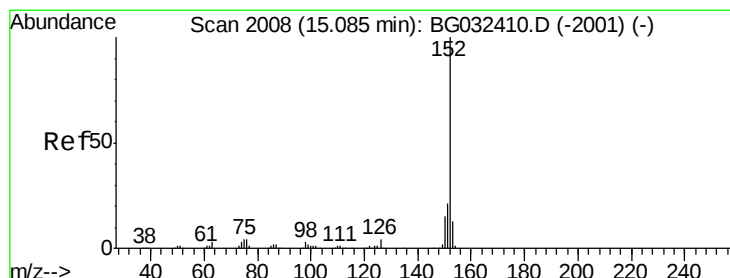
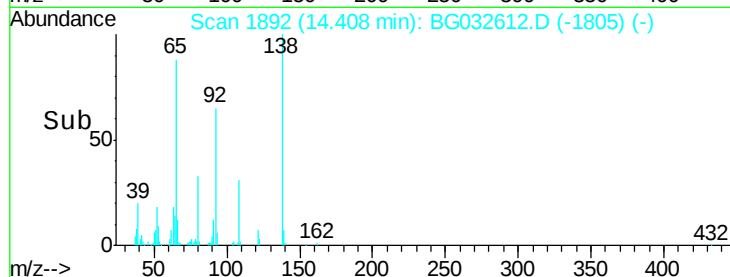
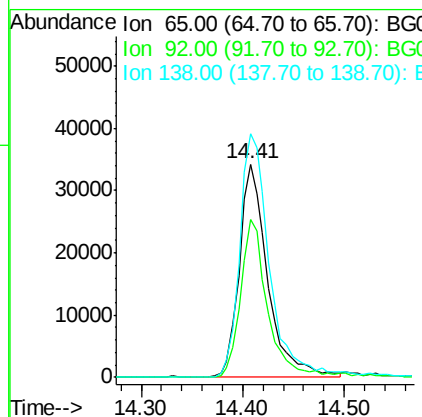
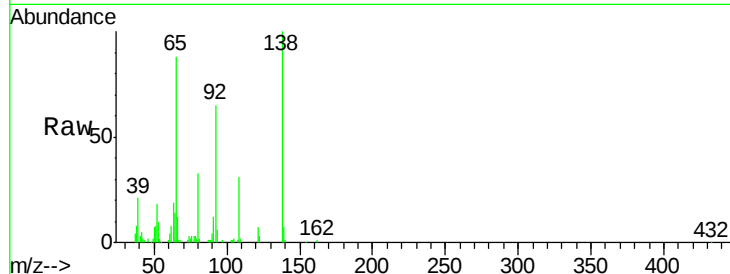
ClientSampleId :

TR-05-020718MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	74.2	54.6	82.0
138	114.1	72.9	109.3

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#48

Acenaphthylene

Concen: 42.470 ng

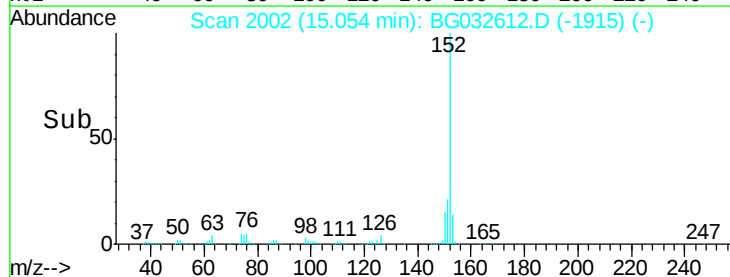
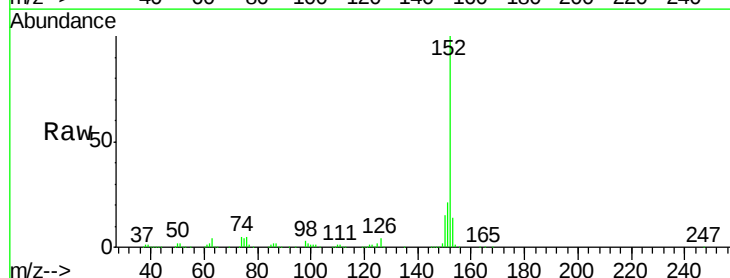
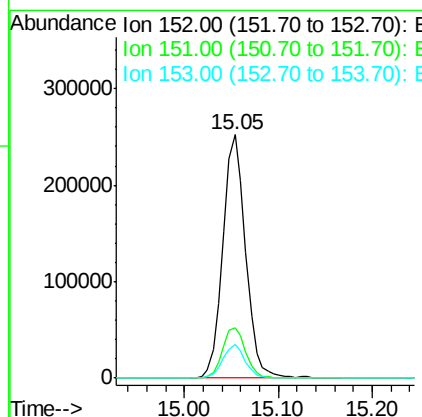
RT: 15.05 min Scan# 2002

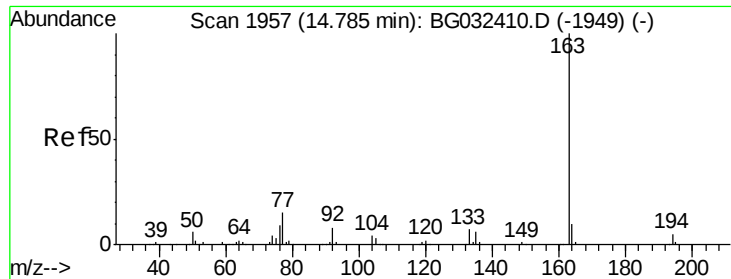
Delta R.T. -0.02 min

Lab File: BG032612.D

Acq: 8 Feb 2018 16:11

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.9	17.2	25.8
153	14.0	10.2	15.4





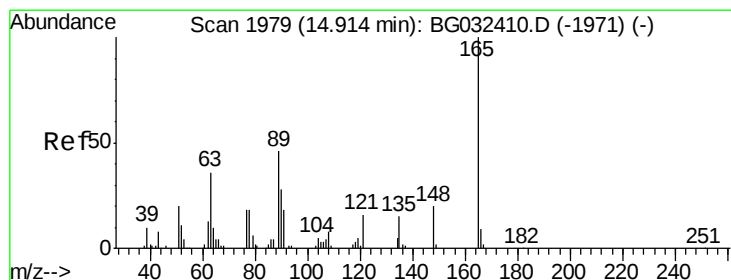
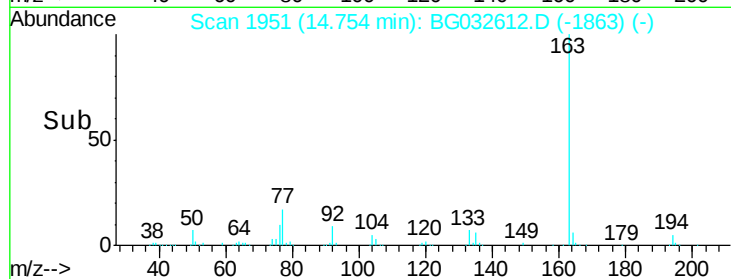
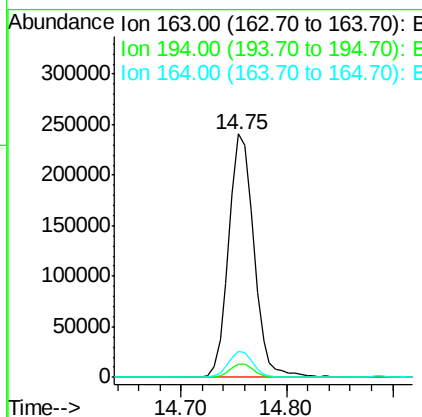
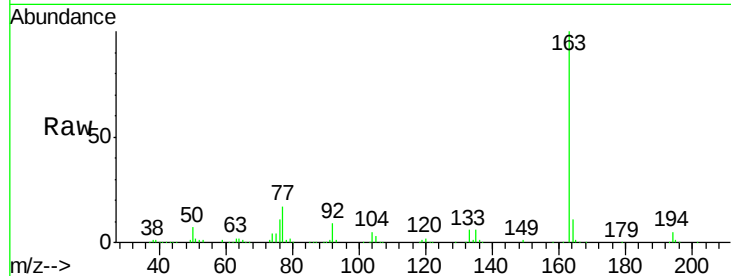
#49
Dimethylphthalate
Concen: 43.153 ng
RT: 14.75 min Scan# 1951
Delta R.T. -0.01 min
Lab File: BG032612.D
Acq: 8 Feb 2018 16:11

Instrument :
BNA_G
ClientSampleId :
TR-05-020718MS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	396814		
194	5.3	3.4	5.2#	
164	10.6	8.2	12.4	

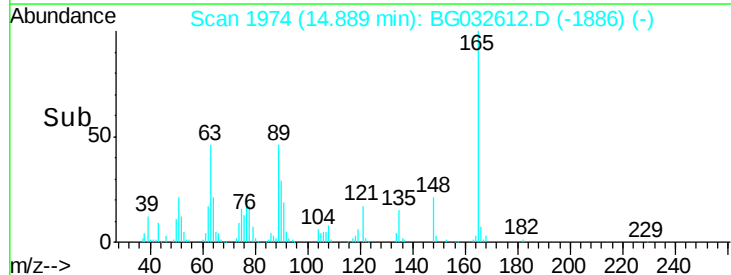
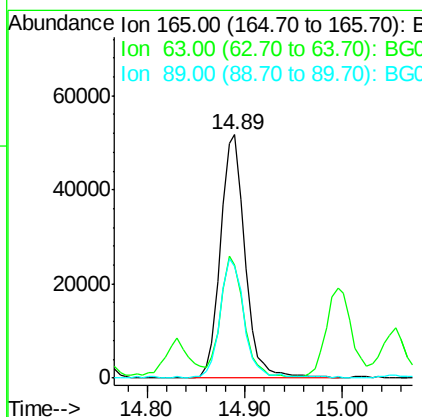
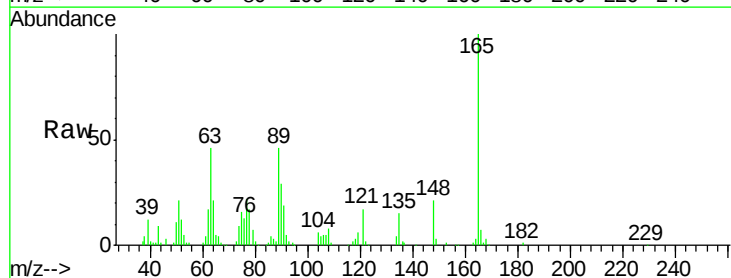
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#50
2,6-Dinitrotoluene
Concen: 46.839 ng
RT: 14.89 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BG032612.D
Acq: 8 Feb 2018 16:11

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	90402		
63	46.3	52.7	79.1#	
89	45.9	49.2	73.8#	





#51

Acenaphthene

Concen: 49.563 ng

RT: 15.39 min Scan# 2059

Delta R.T. -0.02 min

Lab File: BG032612.D

Acq: 8 Feb 2018 16:11

Instrument :

BNA_G

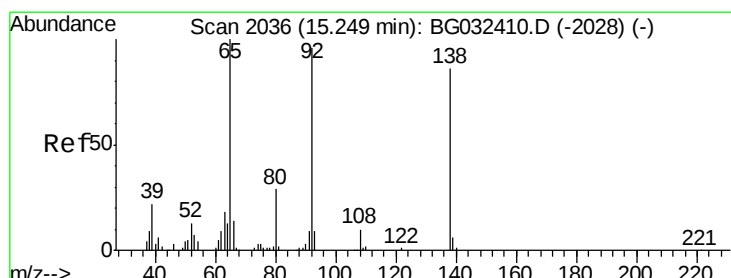
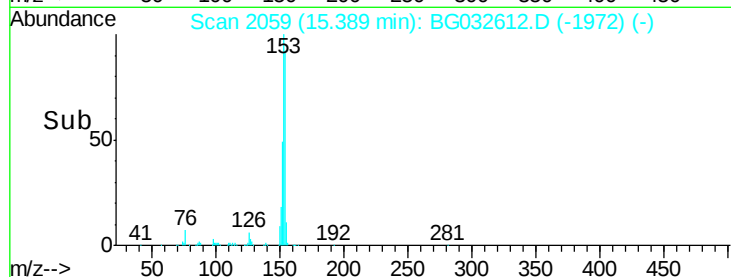
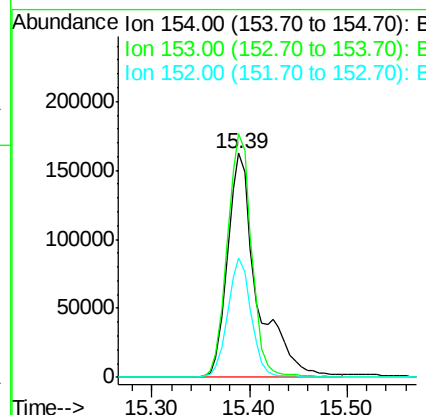
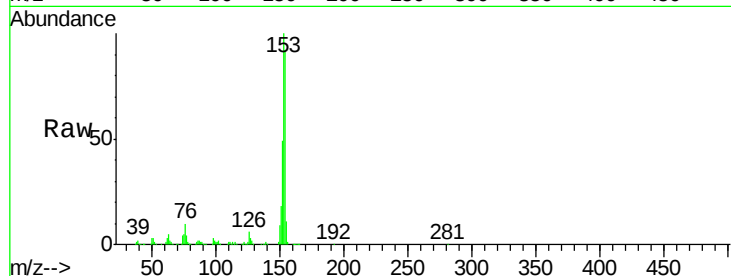
ClientSampleId :

TR-05-020718MS

Tot Ion:	154	Resp:	343166
Ion Ratio	Lower	Upper	
154	100		
153	108.8	90.4	135.6
152	53.5	41.6	62.4

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#52

3-Nitroaniline

Concen: 5.024 ng

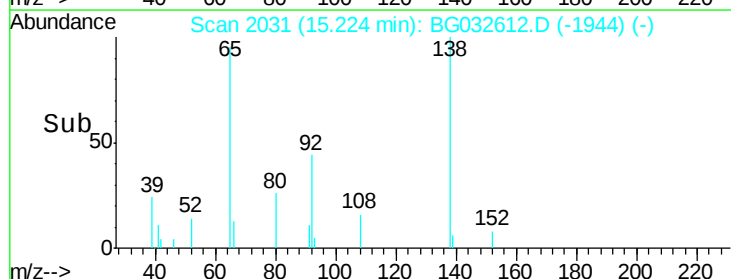
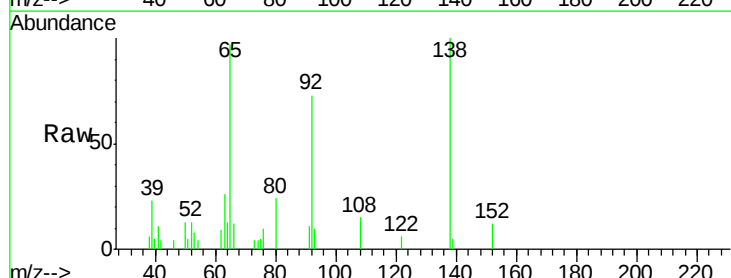
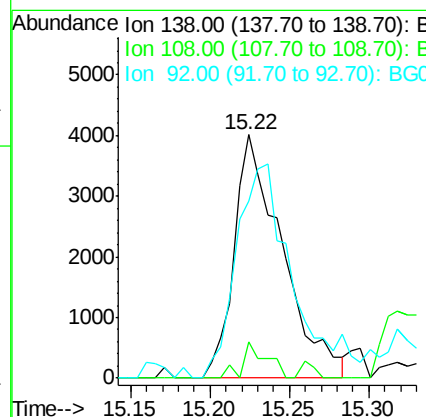
RT: 15.22 min Scan# 2031

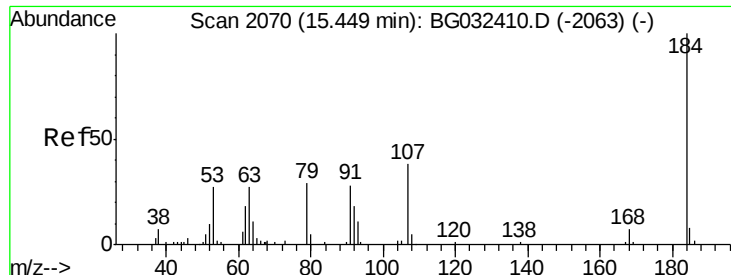
Delta R.T. -0.02 min

Lab File: BG032612.D

Acq: 8 Feb 2018 16:11

Tgt Ion:	138	Resp:	8470
Ion Ratio	Lower	Upper	
138	100		
108	14.9	17.5	26.3#
92	72.7	105.8	158.8#





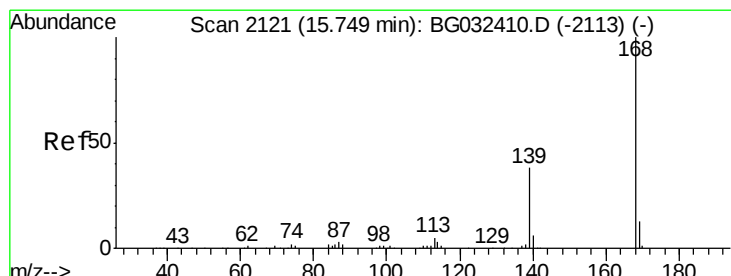
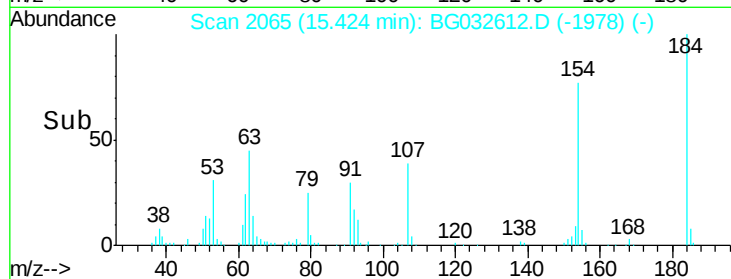
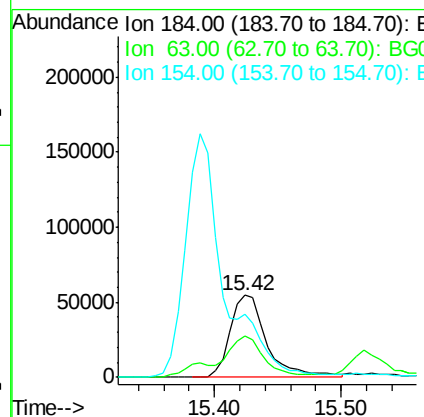
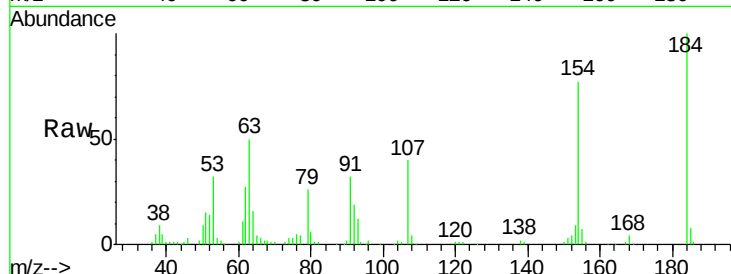
#53
 2,4-Dinitrophenol
 Concen: 89.788 ng
 RT: 15.42 min Scan# 2065
 Delta R.T. -0.02 min
 Lab File: BG032612.D
 Acq: 8 Feb 2018 16:11

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-020718MS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	108810		
63	50.5	59.8	89.8#	
154	76.8	101.8	152.8#	

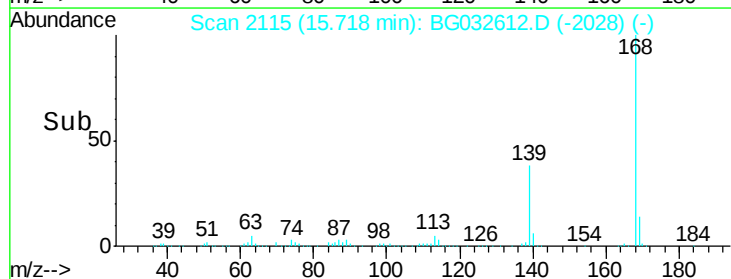
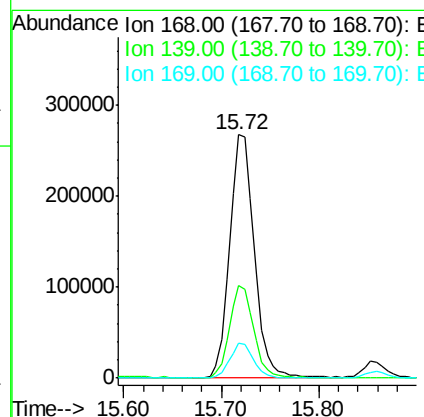
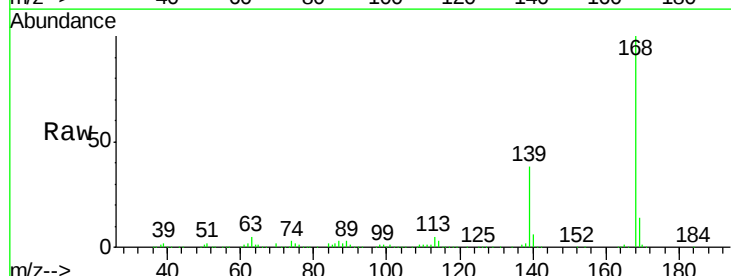
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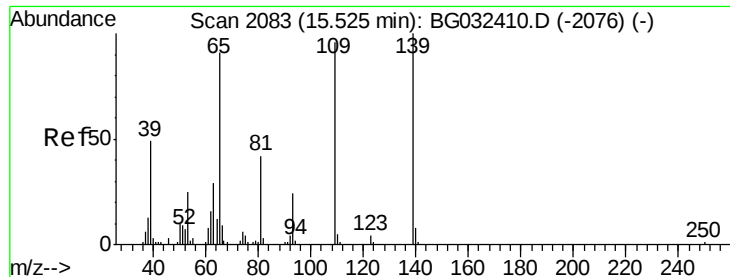
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#54
 Dibenzofuran
 Concen: 45.958 ng
 RT: 15.72 min Scan# 2115
 Delta R.T. -0.02 min
 Lab File: BG032612.D
 Acq: 8 Feb 2018 16:11

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	470971		
139	37.8	28.6	43.0	
169	14.2	11.2	16.8	





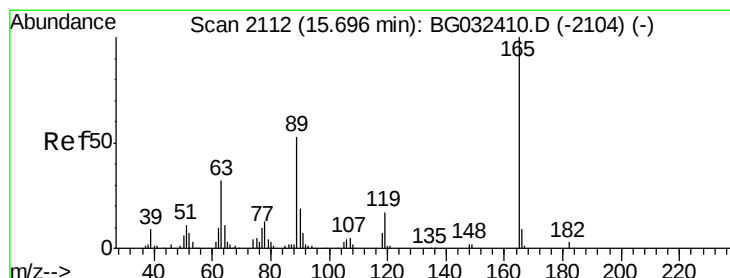
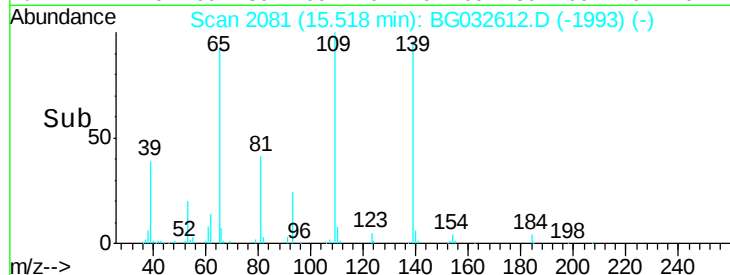
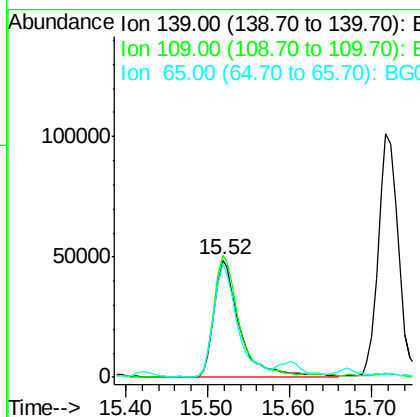
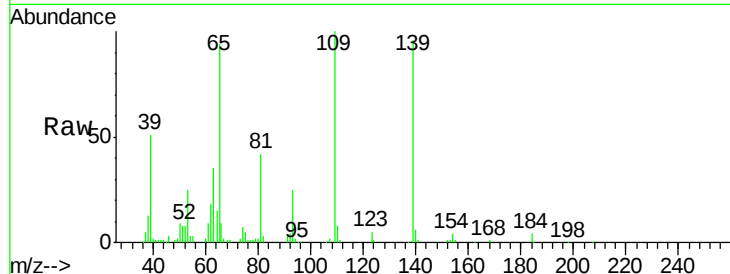
#55
4-Nitrophenol
Concen: 85.351 ng
RT: 15.52 min Scan# 2081
Delta R.T. -0.01 min
Lab File: BG032612.D
Acq: 8 Feb 2018 16:11

Instrument :
BNA_G
ClientSampleId :
TR-05-020718MS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	107720		
109	104.6	62.2	102.2#	
65	98.0	97.2	137.2	

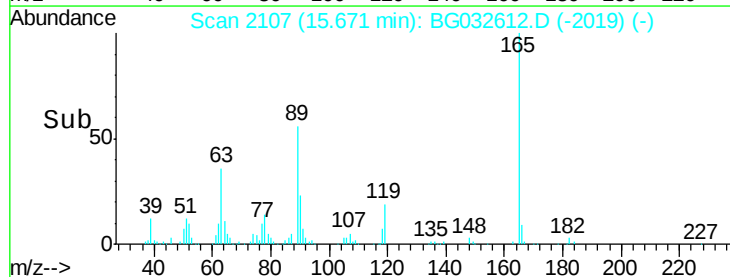
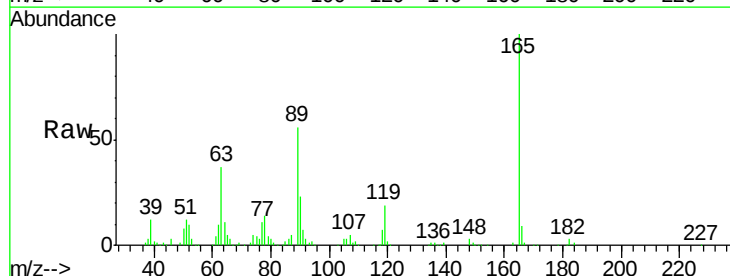
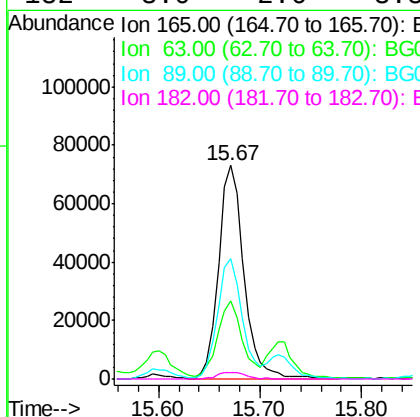
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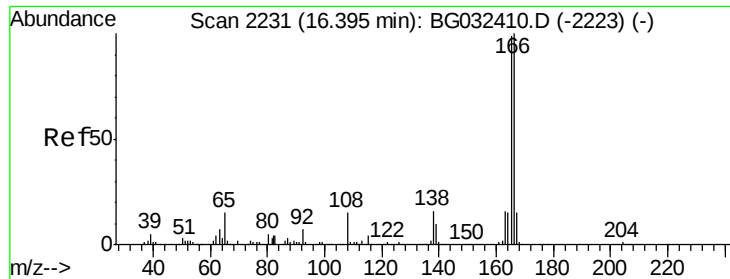
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#56
2,4-Dinitrotoluene
Concen: 46.389 ng
RT: 15.67 min Scan# 2107
Delta R.T. -0.01 min
Lab File: BG032612.D
Acq: 8 Feb 2018 16:11

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	127477		
63	36.7	42.0	63.0#	
89	56.2	66.9	100.3#	
182	3.0	2.6	3.8	





#57

Fluorene

Concen: 44.031 ng

RT: 16.36 min Scan# 2225

Delta R.T. -0.02 min

Lab File: BG032612.D

Acq: 8 Feb 2018 16:11

Instrument :

BNA_G

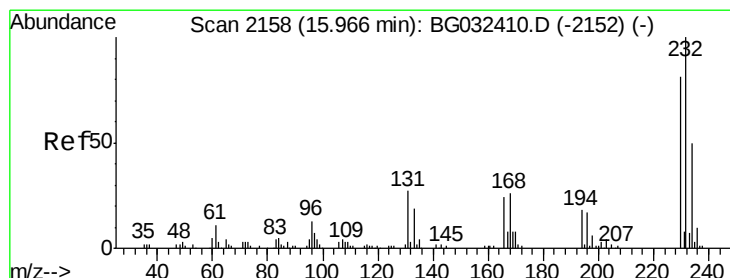
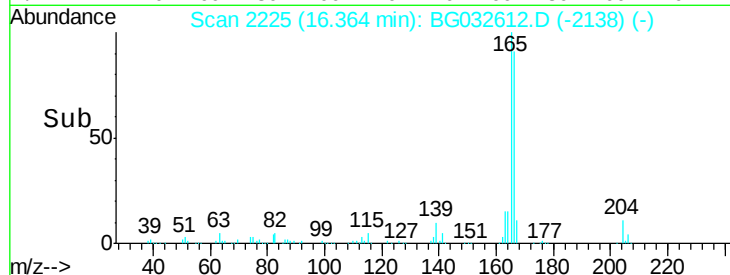
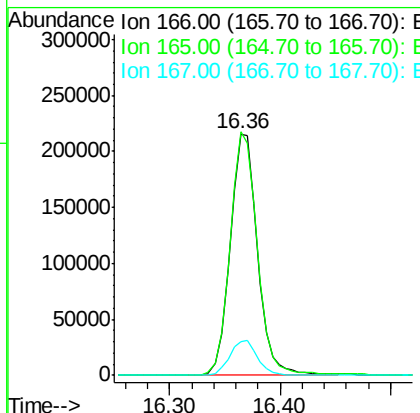
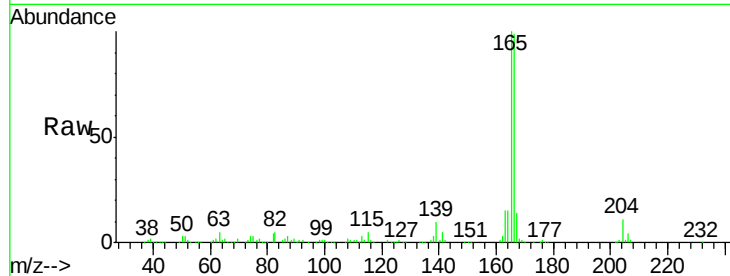
ClientSampleId :

TR-05-020718MS

Tot Ion	Ratio	Lower	Upper
166	100		
165	100.7	80.6	121.0
167	14.1	10.4	15.6

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#58

2,3,4,6-Tetrachlorophenol

Concen: 51.396 ng

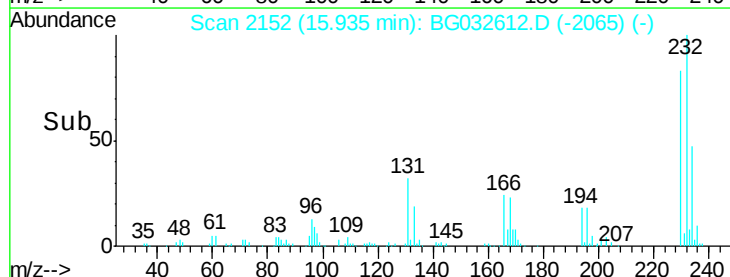
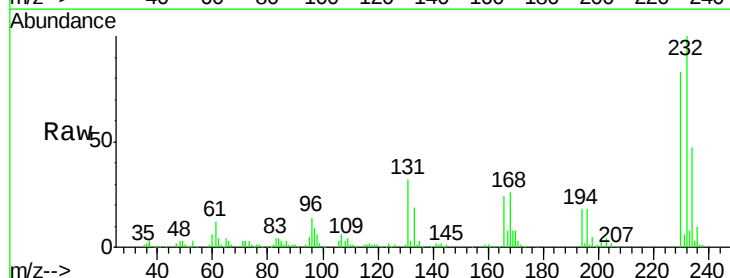
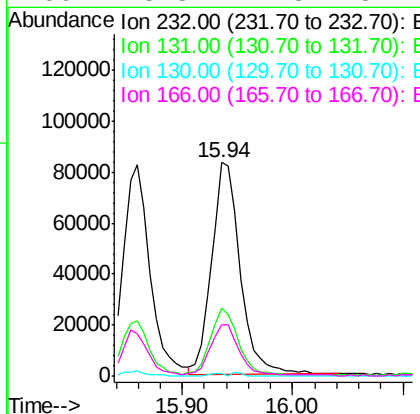
RT: 15.94 min Scan# 2152

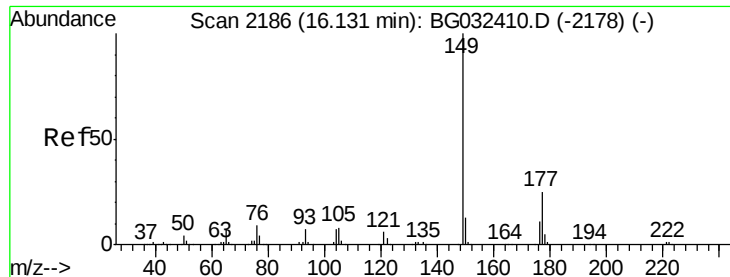
Delta R.T. -0.02 min

Lab File: BG032612.D

Acq: 8 Feb 2018 16:11

Tgt Ion	Ratio	Lower	Upper
232	100		
131	31.0	33.5	50.3#
130	0.6	2.2	3.2#
166	23.8	24.8	37.2#





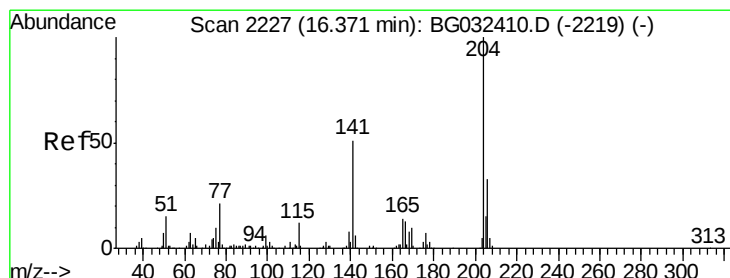
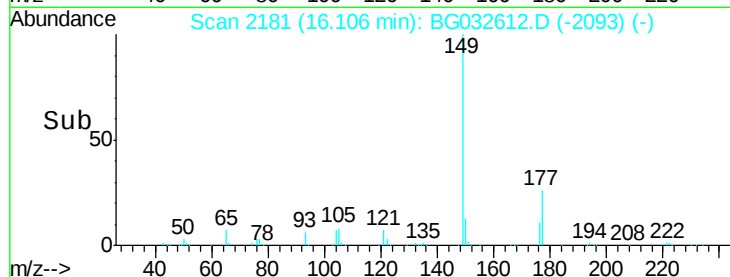
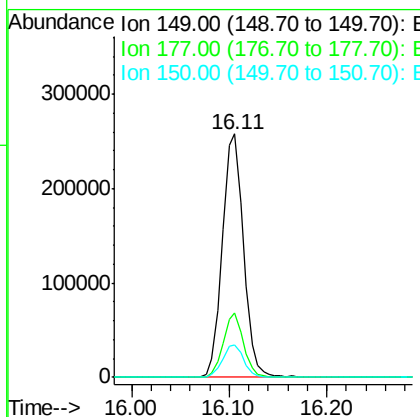
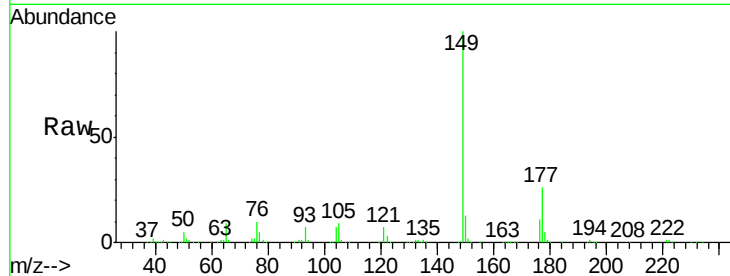
#59
Diethylphthalate
Concen: 43.525 ng
RT: 16.11 min Scan# 2181
Delta R.T. -0.01 min
Lab File: BG032612.D
Acq: 8 Feb 2018 16:11

Instrument :
BNA_G
ClientSampleId :
TR-05-020718MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	389810		
177	26.5	18.5	27.7	
150	13.5	10.2	15.2	

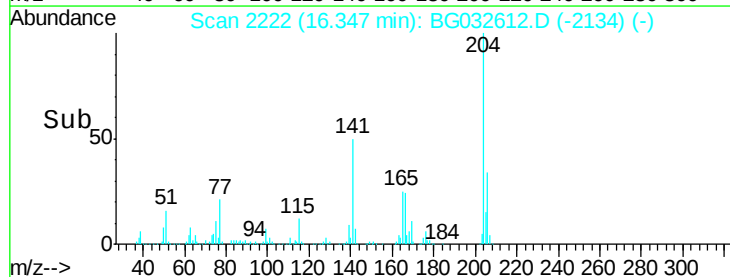
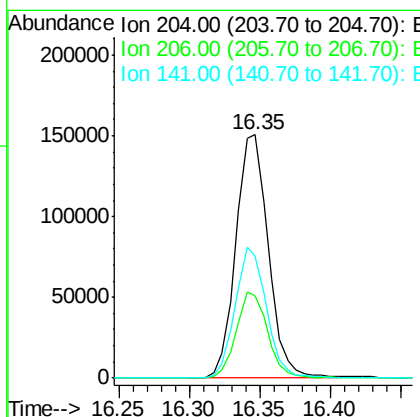
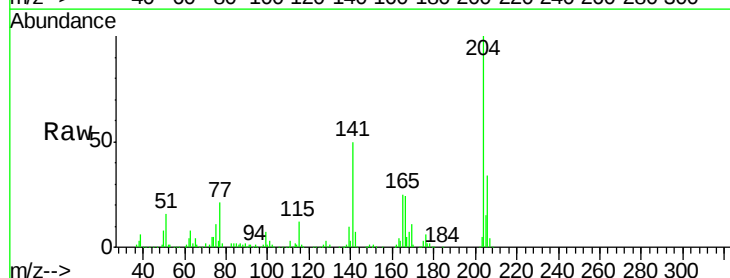
Manual Integrations
APPROVED

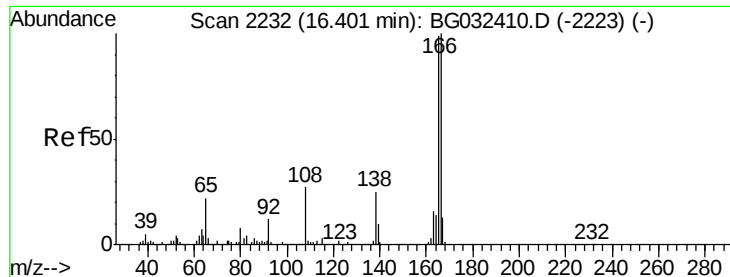
Sohil
2/9/2018 4:34:26 PM



#60
4-Chlorophenyl-phenylether
Concen: 45.049 ng
RT: 16.35 min Scan# 2222
Delta R.T. -0.01 min
Lab File: BG032612.D
Acq: 8 Feb 2018 16:11

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	241908		
206	33.6	26.2	39.2	
141	50.1	45.8	68.6	





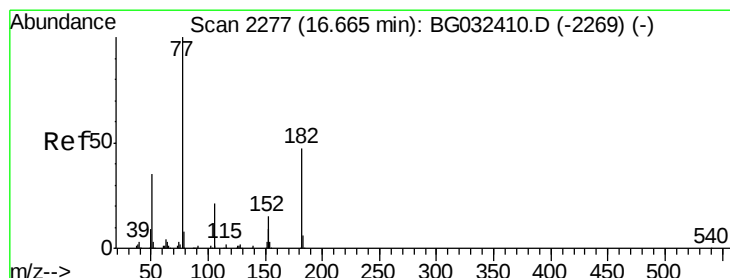
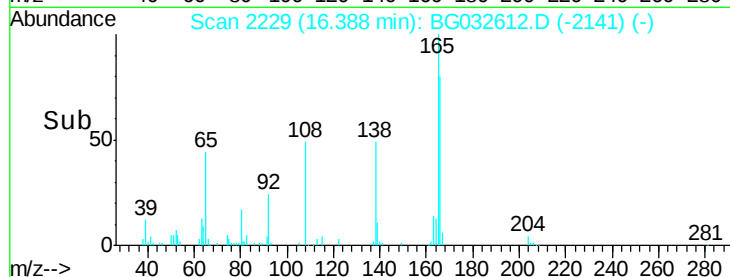
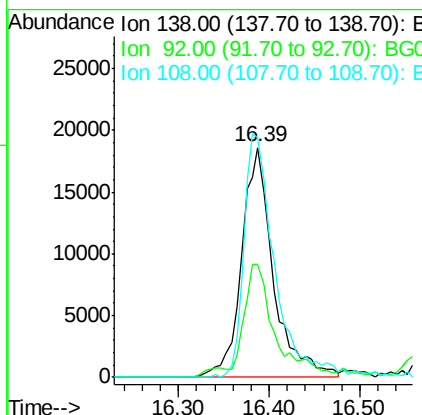
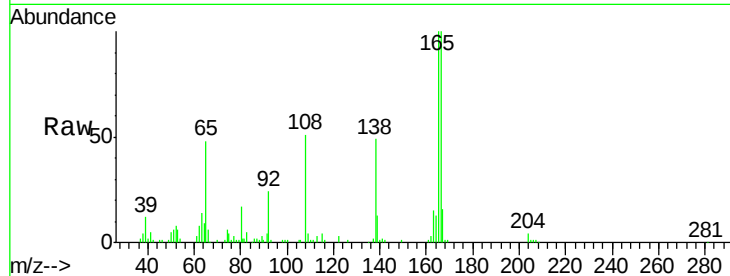
#61
4-Nitroaniline
Concen: 25.014 ng
RT: 16.39 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BG032612.D
Acq: 8 Feb 2018 16:11

Instrument :
BNA_G
ClientSampleId :
TR-05-020718MS

Tot Ion	Ratio	Lower	Upper
138	100		
92	49.1	40.1	80.1
108	104.6	65.4	105.4

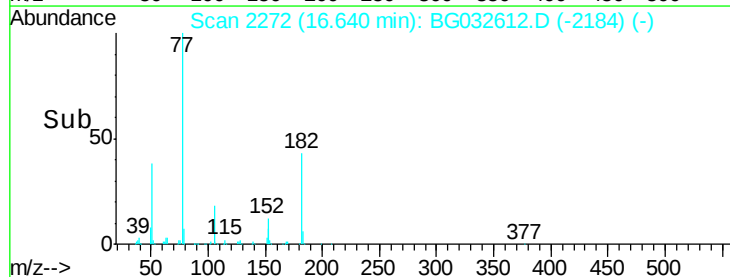
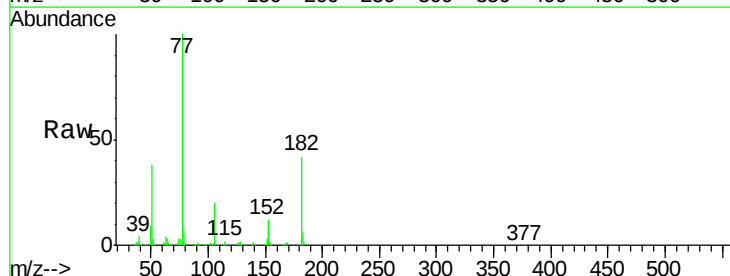
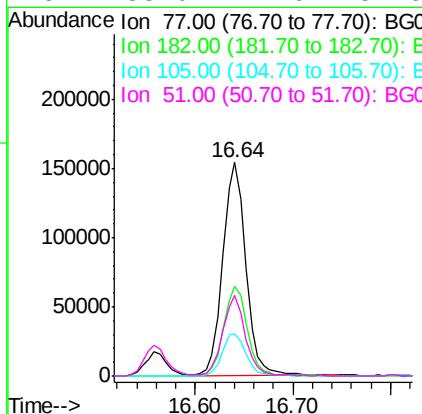
Manual Integrations
APPROVED

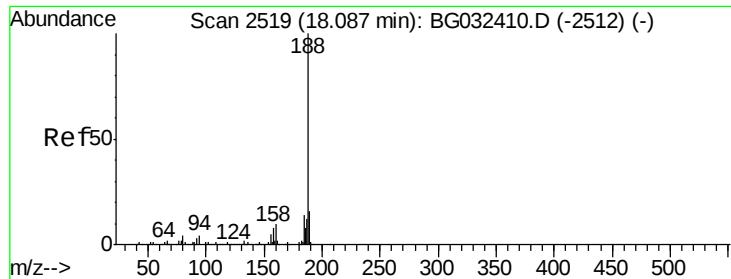
Sohil
2/9/2018 4:34:26 PM



#62
Azobenzene
Concen: 47.149 ng
RT: 16.64 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BG032612.D
Acq: 8 Feb 2018 16:11

Tgt Ion	Ratio	Lower	Upper
77	100		
182	42.2	7.4	47.4
105	20.0	0.3	40.3
51	38.0	11.6	51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.06 min Scan# 2514

Delta R.T. -0.01 min

Lab File: BG032612.D

Acq: 8 Feb 2018 16:11

Instrument :

BNA_G

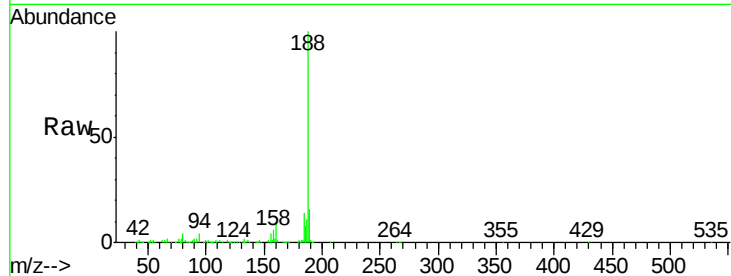
ClientSampleId :

TR-05-020718MS

Tot Ion:188	Resp:	261578
Ion Ratio	Lower	Upper
188 100		
94 4.3	6.9	10.3#
80 4.4	7.7	11.5#

Manual Integrations
APPROVED

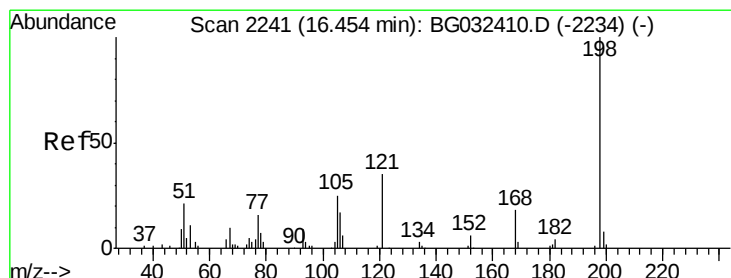
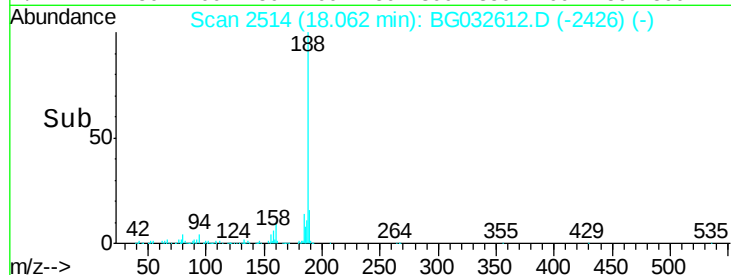
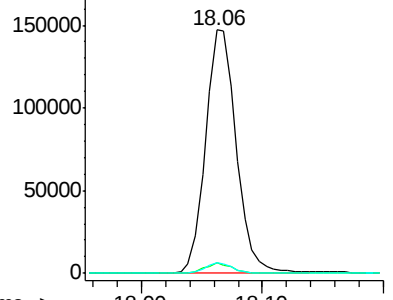
Sohil
2/9/2018 4:34:26 PM



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 41.712 ng

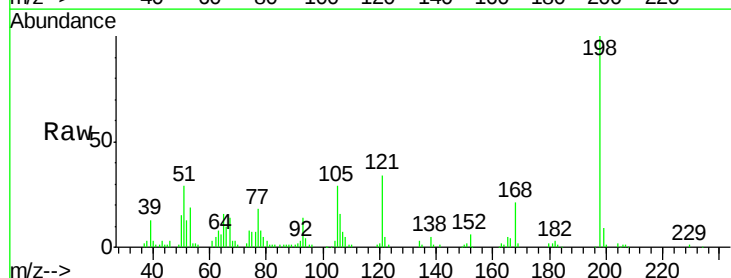
RT: 16.43 min Scan# 2236

Delta R.T. -0.01 min

Lab File: BG032612.D

Acq: 8 Feb 2018 16:11

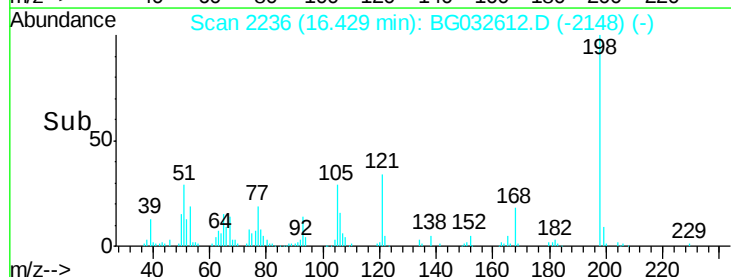
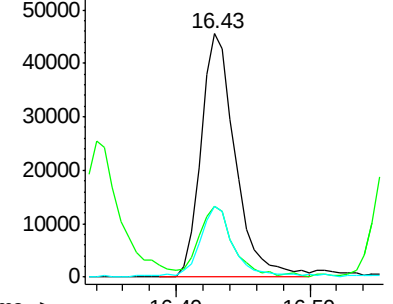
Tgt Ion:198	Resp:	81511
Ion Ratio	Lower	Upper
198 100		
51 29.3	30.6	70.6#
105 28.9	23.8	63.8

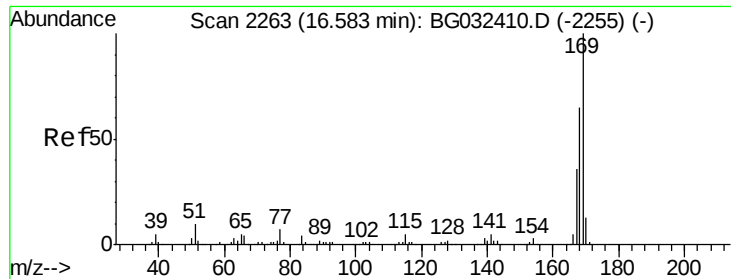


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





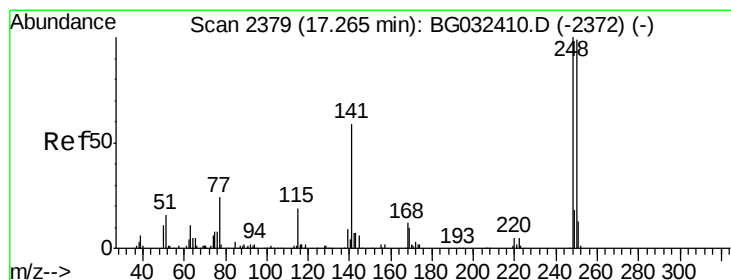
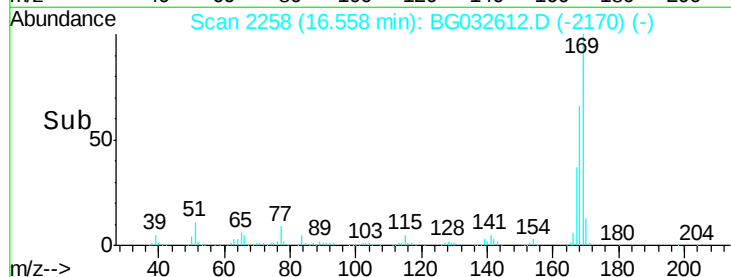
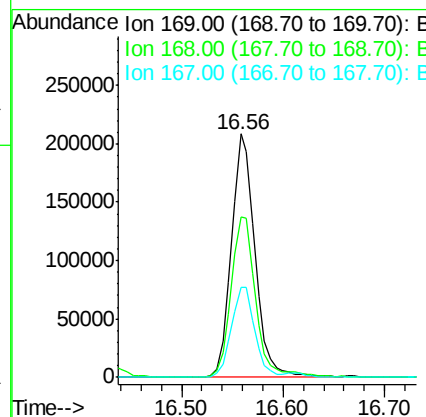
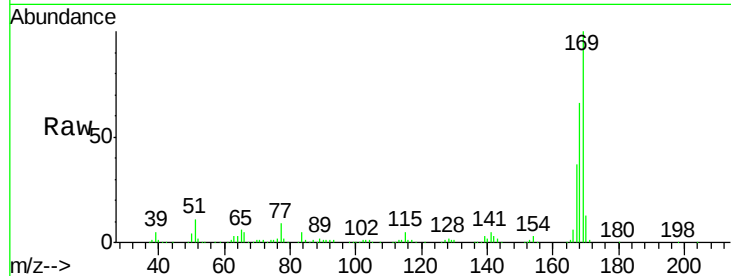
#65
n-Nitrosodiphenylamine
Concen: 43.132 ng
RT: 16.56 min Scan# 2258
Delta R.T. -0.01 min
Lab File: BG032612.D
Acq: 8 Feb 2018 16:11

Instrument :
BNA_G
ClientSampleId :
TR-05-020718MS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	336705		
168	66.1		55.7	83.5
167	37.0		30.1	45.1

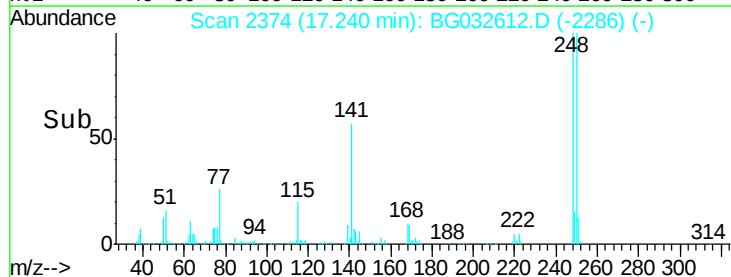
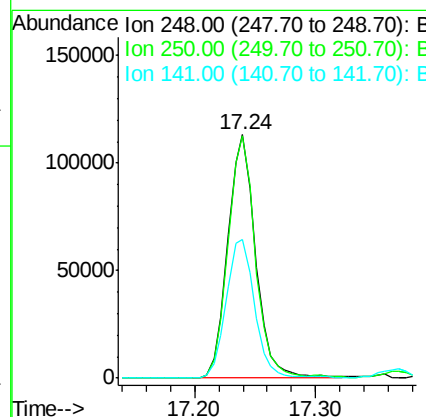
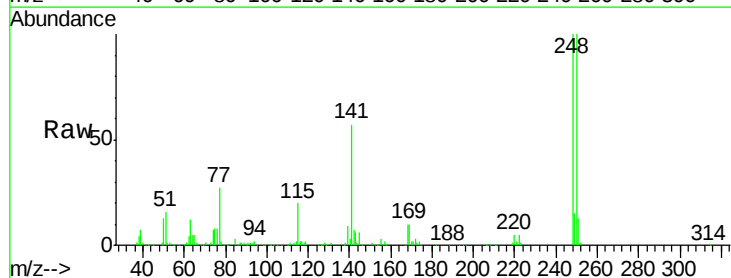
Manual Integrations
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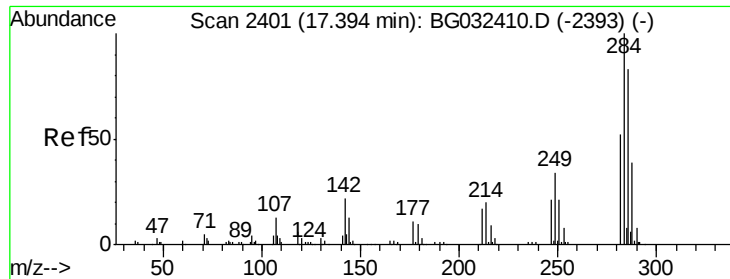
Sohil
2/9/2018 4:34:26 PM



#66
4-Bromophenyl-phenylether
Concen: 46.693 ng
RT: 17.24 min Scan# 2374
Delta R.T. -0.01 min
Lab File: BG032612.D
Acq: 8 Feb 2018 16:11

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	180949		
250	99.8		77.1	115.7
141	56.7		50.8	76.2





#67

Hexachlorobenzene

Concen: 42.570 ng

RT: 17.36 min Scan# 2395

Delta R.T. -0.01 min

Lab File: BG032612.D

Acq: 8 Feb 2018 16:11

Instrument :

BNA_G

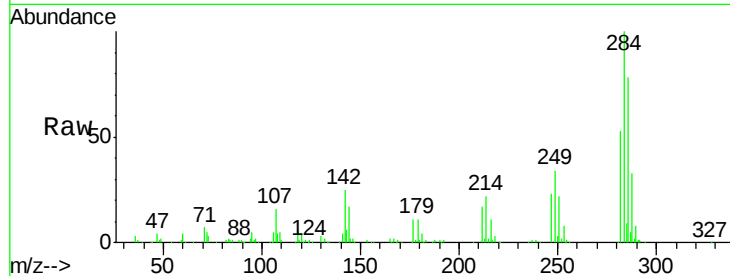
ClientSampleId :

TR-05-020718MS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	182563		
142	25.5	26.8	40.2#	
249	34.3	26.3	39.5	

Manual Integrations
APPROVED

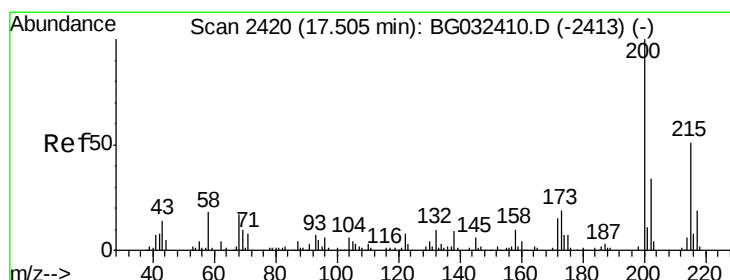
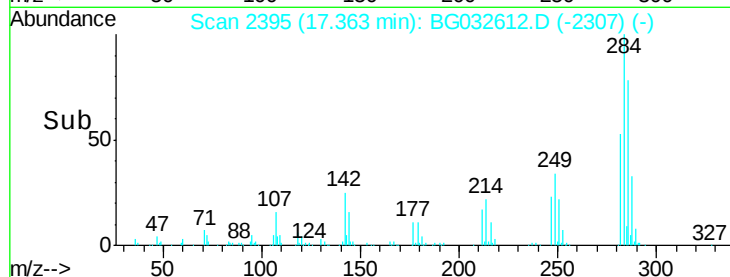
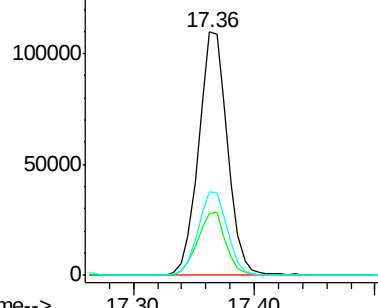
Sohil
2/9/2018 4:34:26 PM



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 32.062 ng

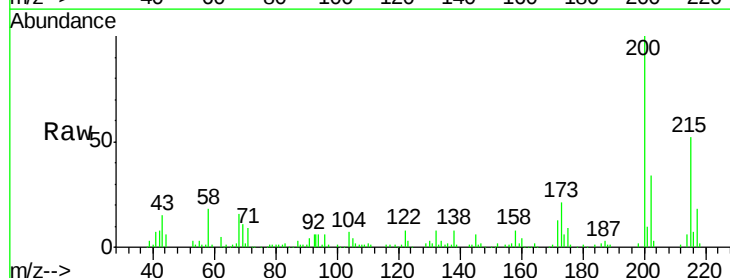
RT: 17.49 min Scan# 2416

Delta R.T. -0.01 min

Lab File: BG032612.D

Acq: 8 Feb 2018 16:11

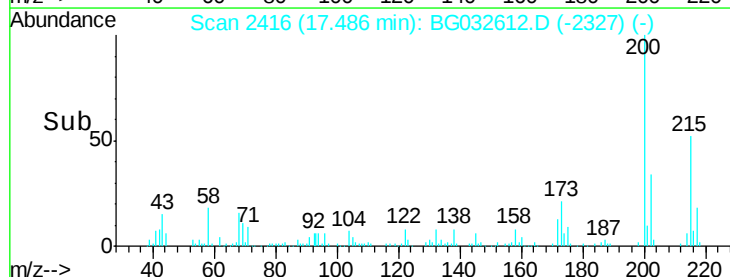
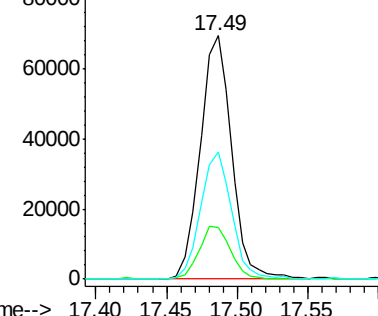
Tgt Ion	Ratio	Resp	Lower	Upper
200	100	107445		
173	21.0	5.2	45.2	
215	52.5	30.4	70.4	

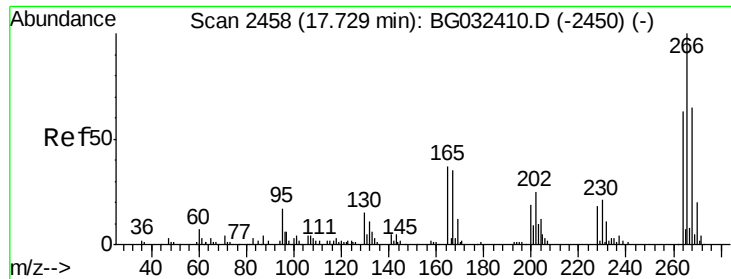


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





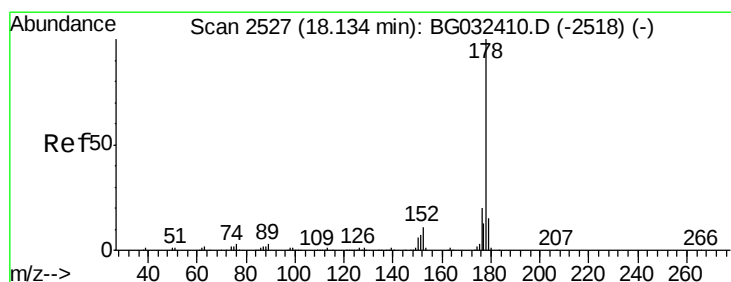
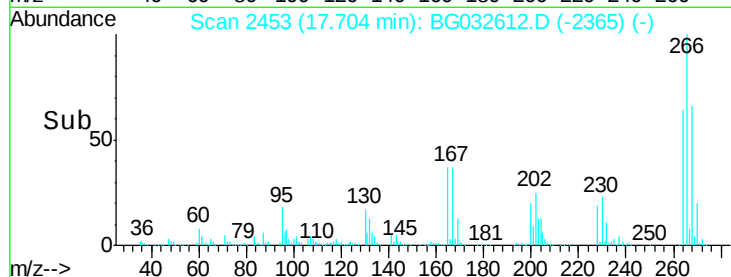
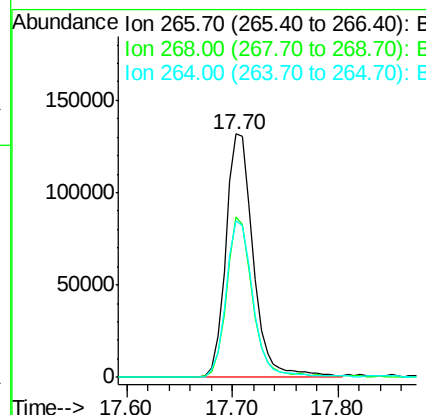
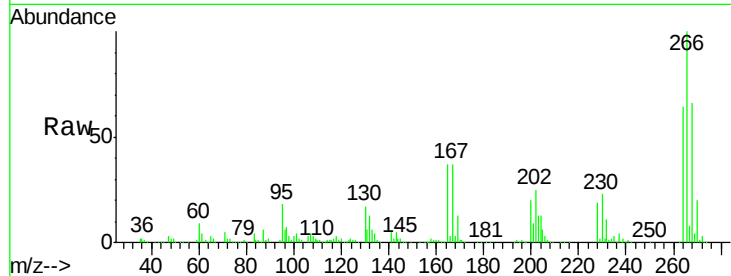
#69
 Pentachlorophenol
 Concen: 88.447 ng
 RT: 17.70 min Scan# 2453
 Delta R.T. -0.01 min
 Lab File: BG032612.D
 Acq: 8 Feb 2018 16:11

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-020718MS

Tot Ion	Ratio	Lower	Upper
266	100		
268	65.8	51.1	76.7
264	64.2	49.6	74.4

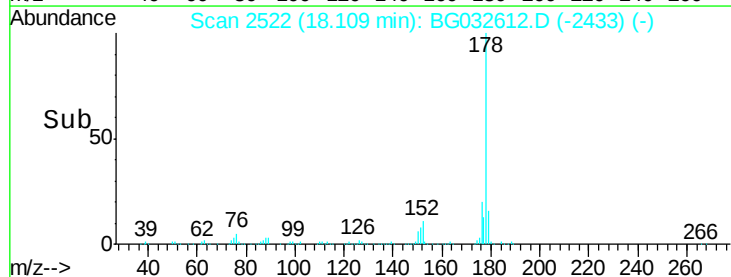
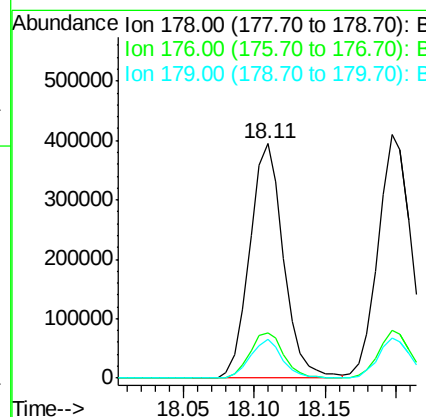
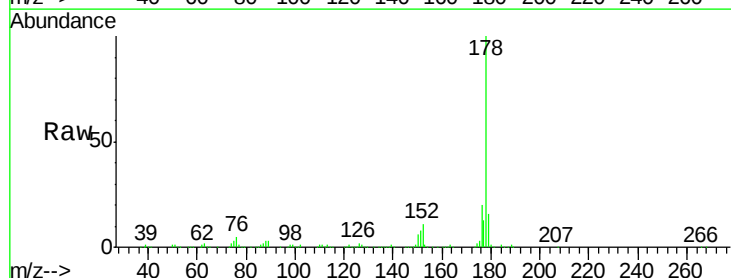
Manual Integrations
 APPROVED

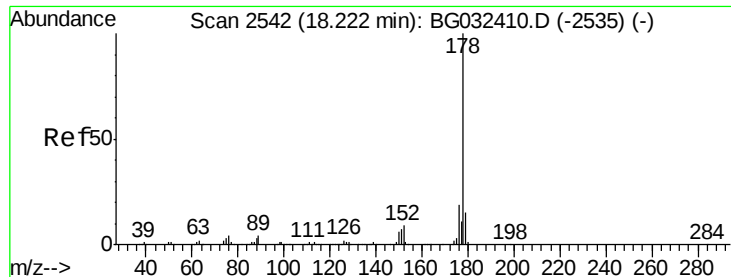
Sohil
 2/9/2018 4:34:26 PM



#70
 Phenanthrene
 Concen: 45.470 ng
 RT: 18.11 min Scan# 2522
 Delta R.T. -0.01 min
 Lab File: BG032612.D
 Acq: 8 Feb 2018 16:11

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.7	23.5
179	16.4	12.5	18.7





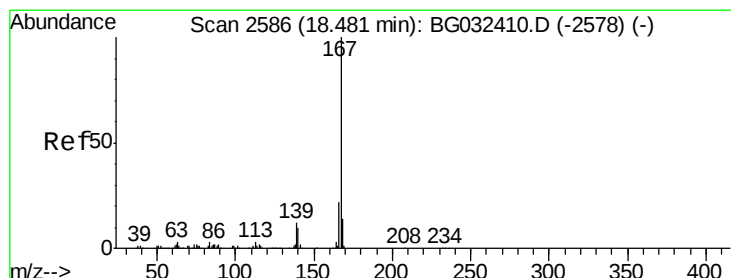
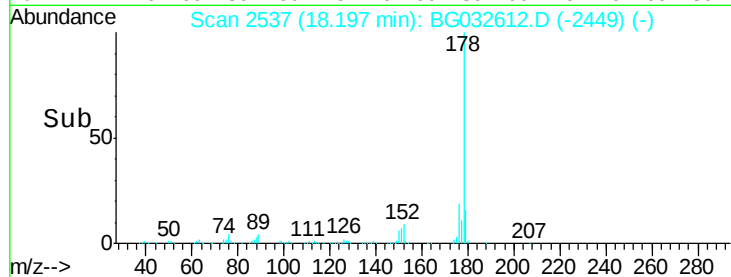
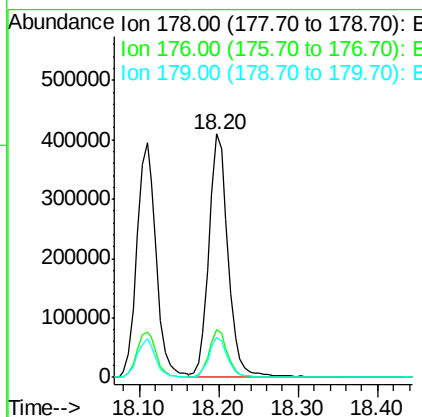
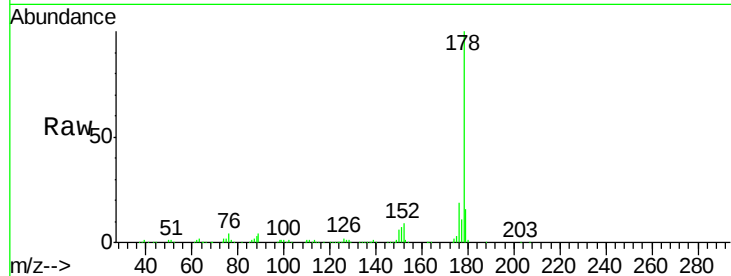
#71
 Anthracene
 Concen: 47.479 ng
 RT: 18.20 min Scan# 2537
 Delta R.T. -0.01 min
 Lab File: BG032612.D
 Acq: 8 Feb 2018 16:11

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-020718MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.0	24.0
179	16.2	12.5	18.7

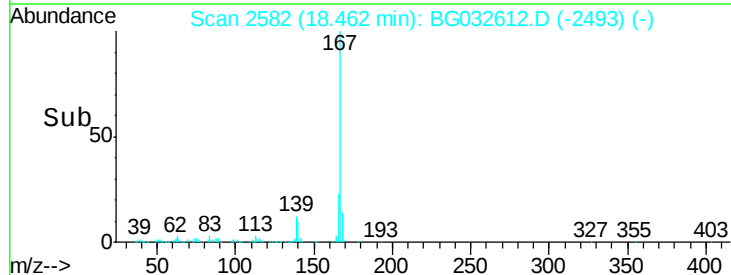
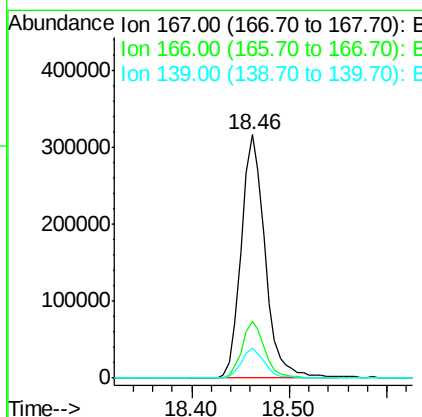
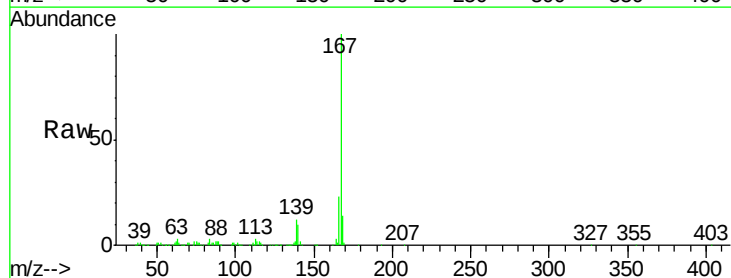
Manual Integrations
 APPROVED

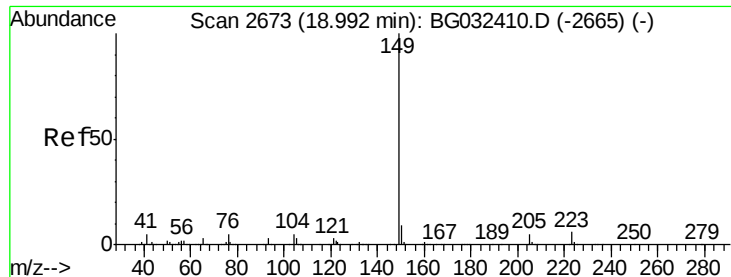
Sohil
 2/9/2018 4:34:26 PM



#72
 Carbazole
 Concen: 42.085 ng
 RT: 18.46 min Scan# 2582
 Delta R.T. -0.01 min
 Lab File: BG032612.D
 Acq: 8 Feb 2018 16:11

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.1	18.2	27.4
139	12.1	9.4	14.2





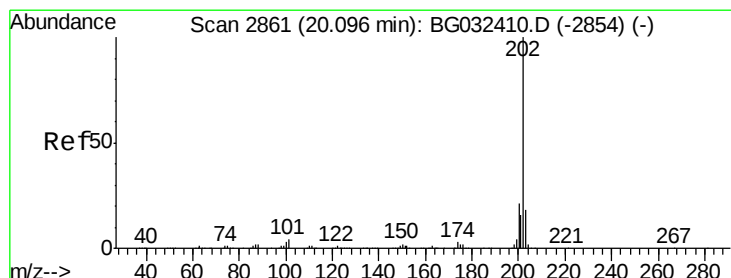
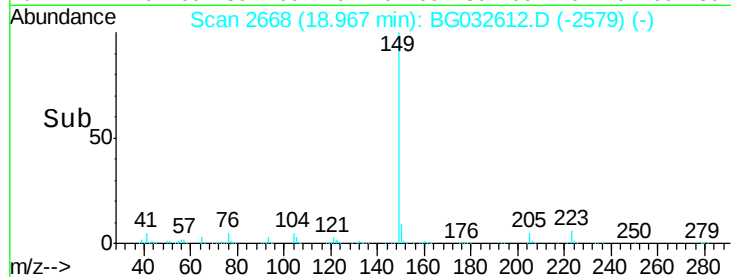
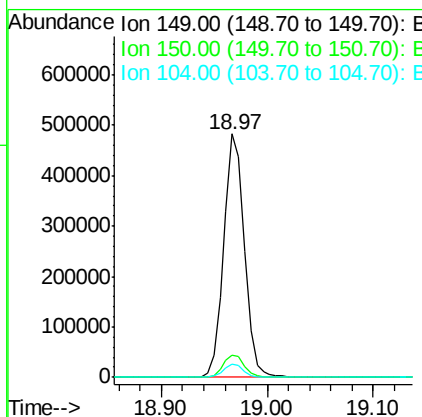
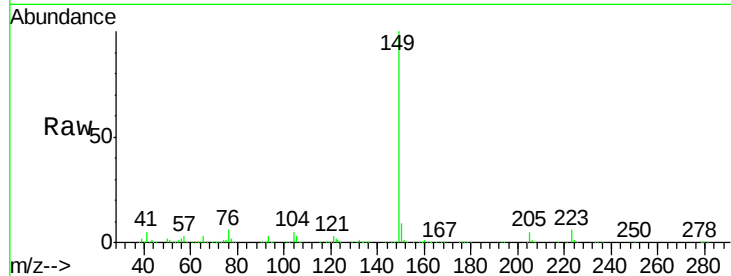
#73
Di-n-butylphthalate
Concen: 46.140 ng
RT: 18.97 min Scan# 2668
Delta R.T. -0.01 min
Lab File: BG032612.D
Acq: 8 Feb 2018 16:11

Instrument :
BNA_G
ClientSampleId :
TR-05-020718MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	655602		
150	9.0		7.8	11.6
104	5.4		3.9	5.9

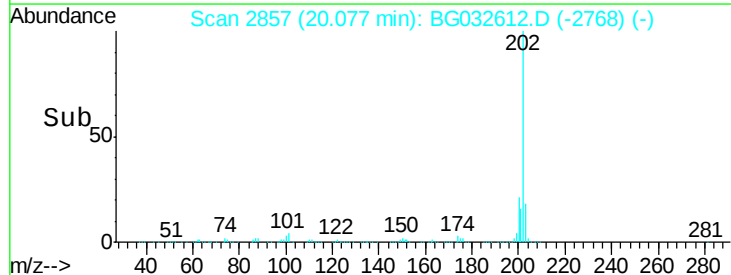
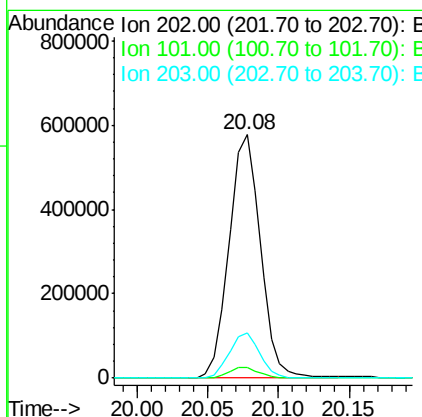
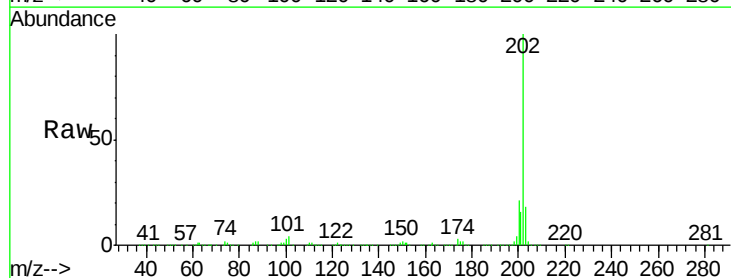
Manual Integrations
APPROVED

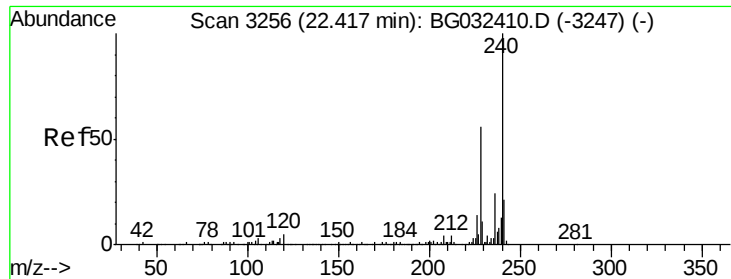
Sohil
2/9/2018 4:34:26 PM



#74
Fluoranthene
Concen: 46.818 ng
RT: 20.08 min Scan# 2857
Delta R.T. -0.01 min
Lab File: BG032612.D
Acq: 8 Feb 2018 16:11

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	895645		
101	4.3		0.0	28.9
203	18.3		0.0	37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.40 min Scan# 3252

Delta R.T. -0.01 min

Lab File: BG032612.D

Acq: 8 Feb 2018 16:11

Instrument :

BNA_G

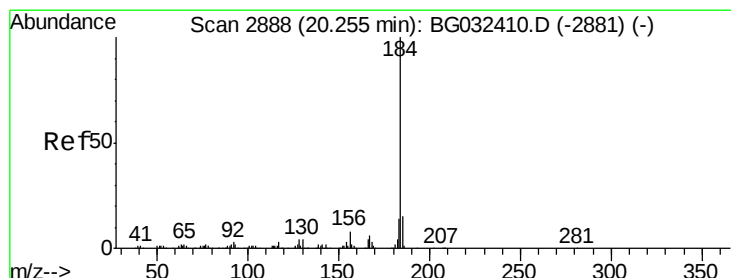
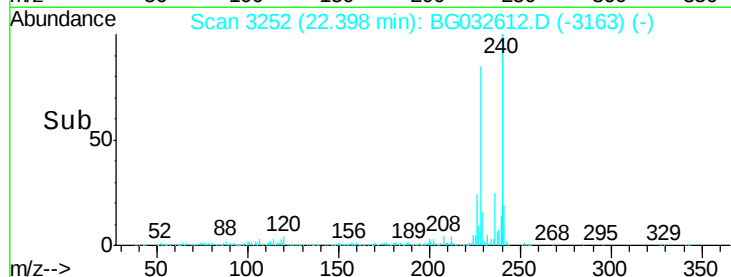
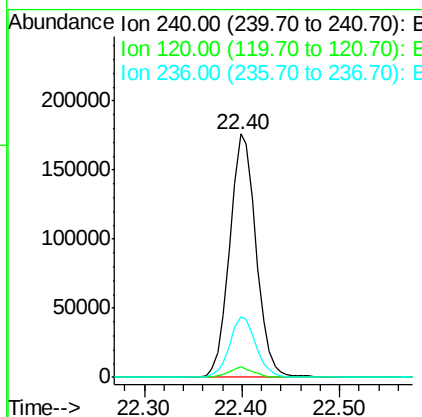
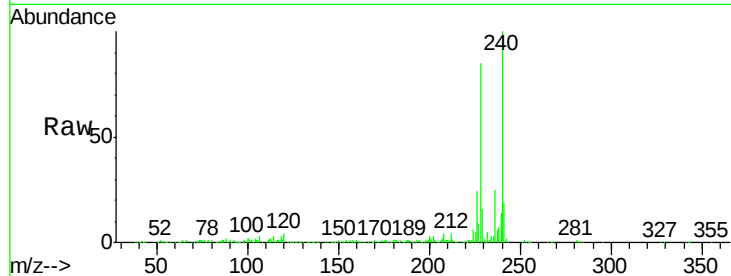
ClientSampleId :

TR-05-020718MS

Tot Ion:	240	Resp:	330645
Ion Ratio	Lower	Upper	
240	100		
120	4.2	6.8	10.2#
236	24.8	20.9	31.3

Manual Integrations
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Sohil
2/9/2018 4:34:26 PM



#76

Benzidine

Concen: 2.006 ng

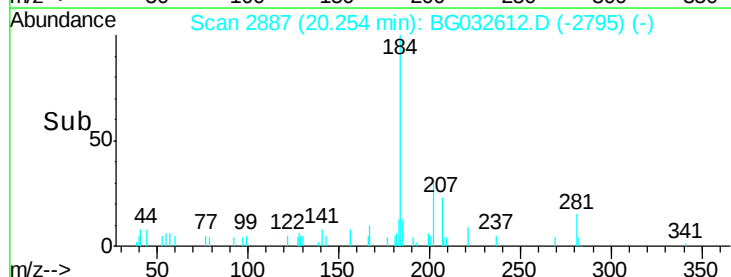
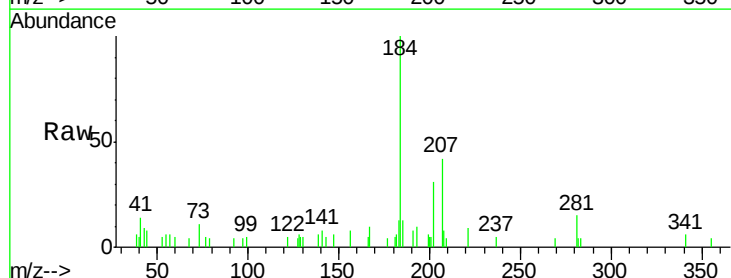
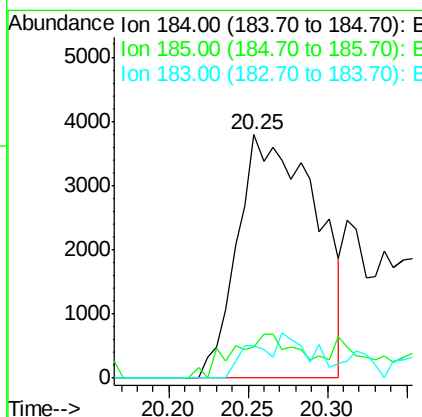
RT: 20.25 min Scan# 2887

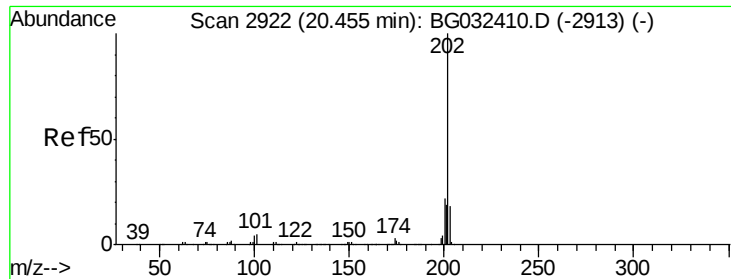
Delta R.T. 0.01 min

Lab File: BG032612.D

Acq: 8 Feb 2018 16:11

Tgt Ion:	184	Resp:	13023
Ion Ratio	Lower	Upper	
184	100		
185	12.7	11.1	16.7
183	13.3	10.6	16.0





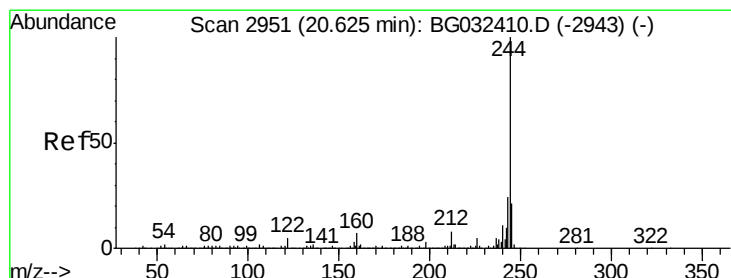
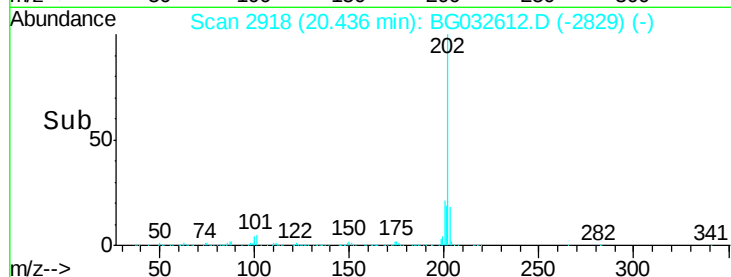
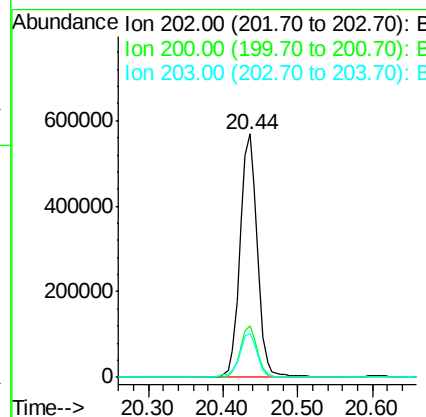
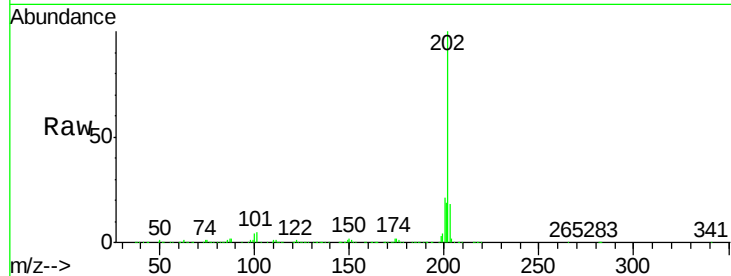
#77
Pvrene
Concen: 45.110 ng
RT: 20.44 min Scan# 2918
Delta R.T. -0.01 min
Lab File: BG032612.D
Acq: 8 Feb 2018 16:11

Instrument :
BNA_G
ClientSampleId :
TR-05-020718MS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.4	16.9	25.3
203	18.3	13.9	20.9

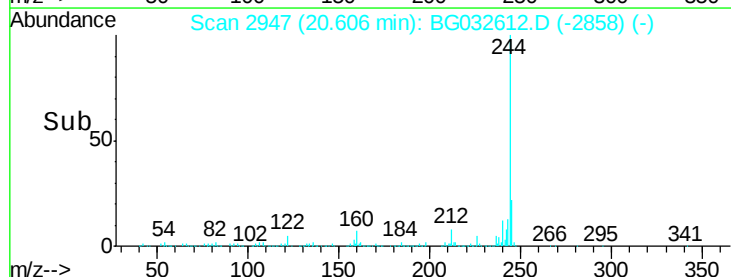
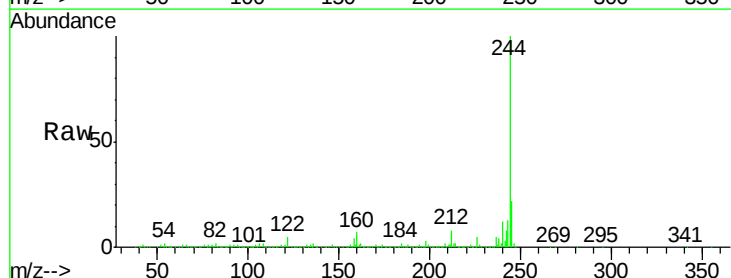
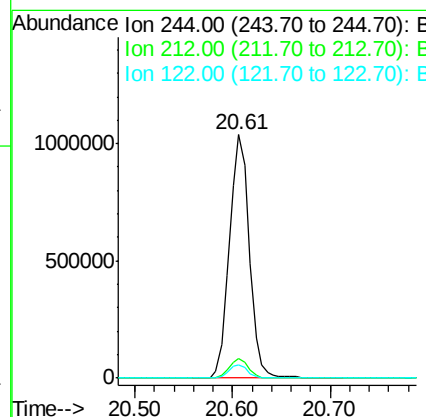
Manual Integrations
APPROVED

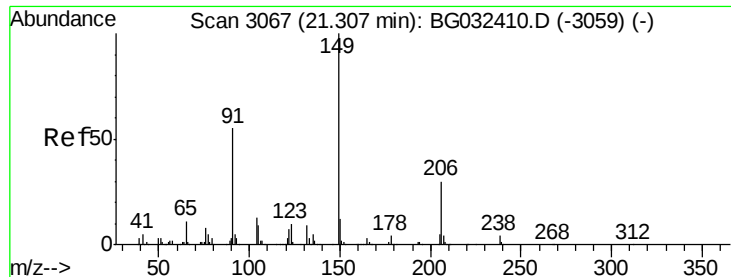
Sohil
2/9/2018 4:34:26 PM



#78
Terphenyl-d14
Concen: 95.506 ng
RT: 20.61 min Scan# 2947
Delta R.T. -0.01 min
Lab File: BG032612.D
Acq: 8 Feb 2018 16:11

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.1	5.8	8.8
122	5.5	7.0	10.4#





#79

Butylbenzylphthalate

Concen: 47.468 ng

RT: 21.29 min Scan# 3064

Delta R.T. -0.00 min

Lab File: BG032612.D

Acq: 8 Feb 2018 16:11

Instrument :

BNA_G

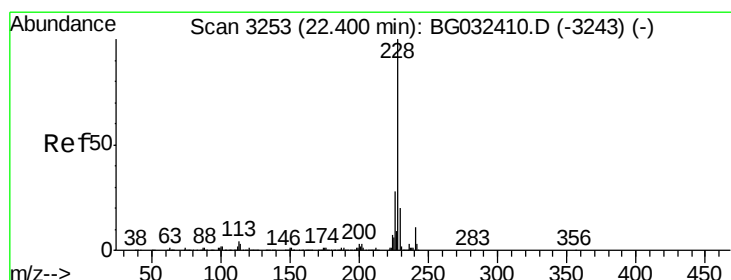
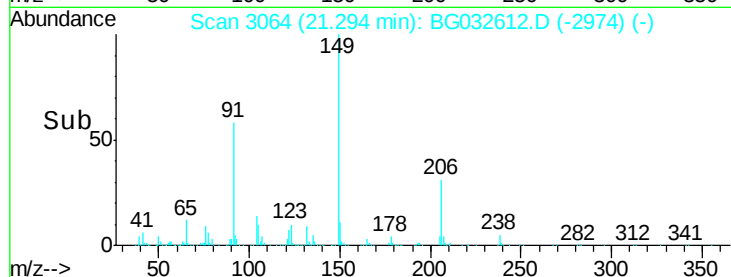
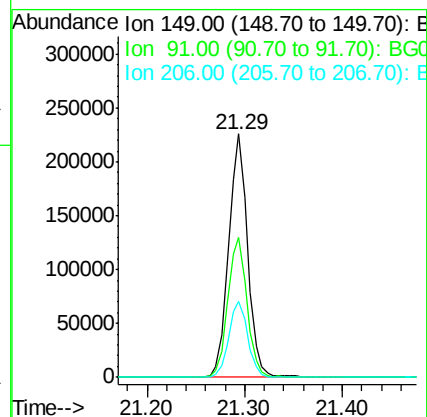
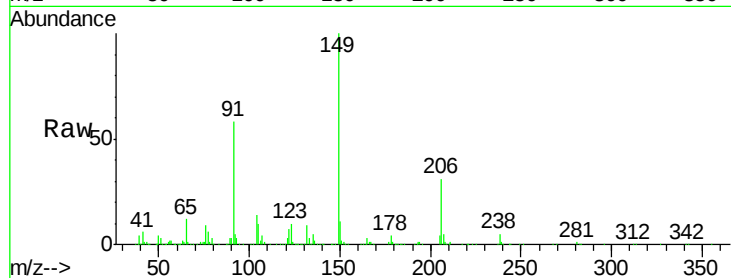
ClientSampleId :

TR-05-020718MS

Tot Ion:	149	Resp:	303639
Ion Ratio	Lower	Upper	
149	100		
91	57.6	62.2	93.2#
206	31.0	18.6	27.8#

Manual Integrations
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#80

Benzo(a)anthracene

Concen: 47.435 ng

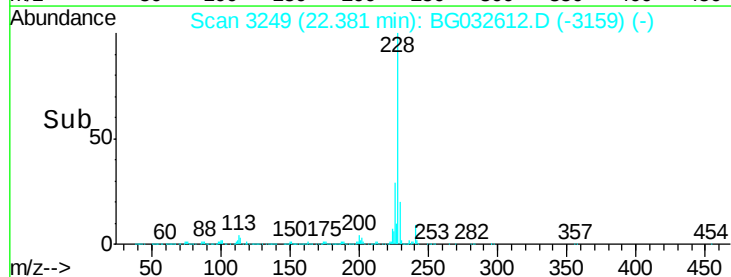
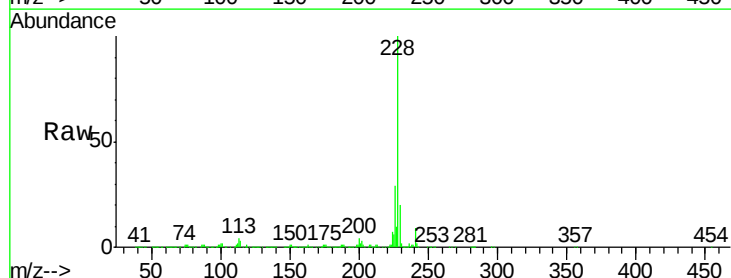
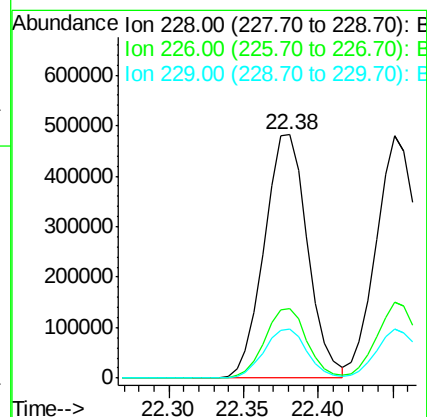
RT: 22.38 min Scan# 3249

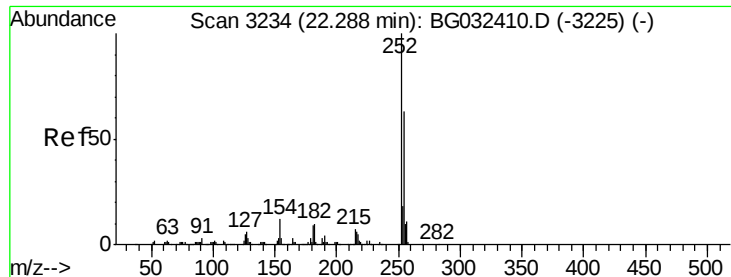
Delta R.T. -0.00 min

Lab File: BG032612.D

Acq: 8 Feb 2018 16:11

Tgt Ion:	228	Resp:	972336
Ion Ratio	Lower	Upper	
228	100		
226	28.7	22.7	34.1
229	20.0	16.2	24.2





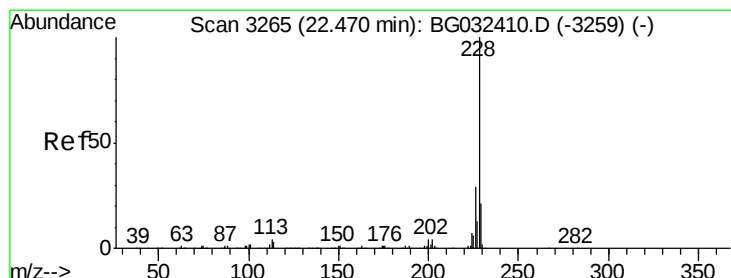
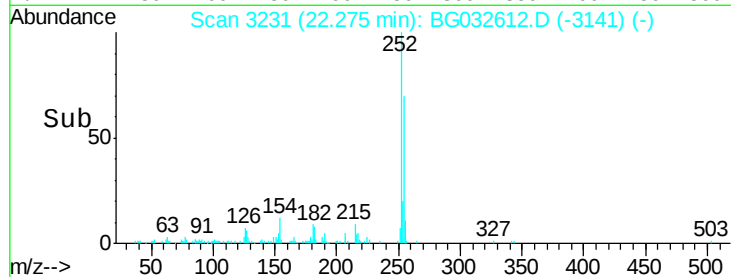
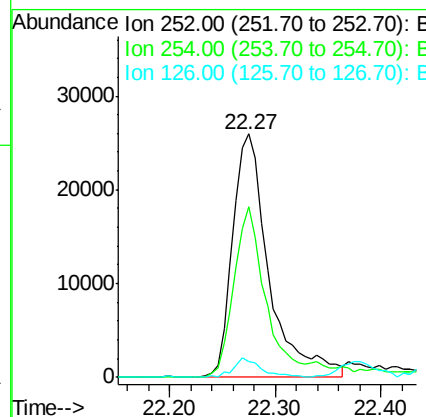
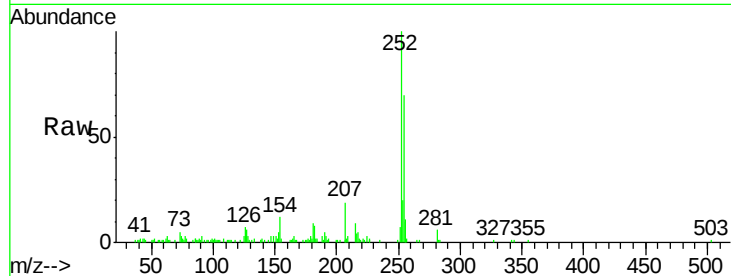
#81
 3,3'-Dichlorobenzidine
 Concen: 7.778 ng
 RT: 22.27 min Scan# 3231
 Delta R.T. -0.00 min
 Lab File: BG032612.D
 Acq: 8 Feb 2018 16:11

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-020718MS

Tot Ion	Ratio	Lower	Upper
252	100		
254	69.9	50.8	76.2
126	6.5	7.4	11.2

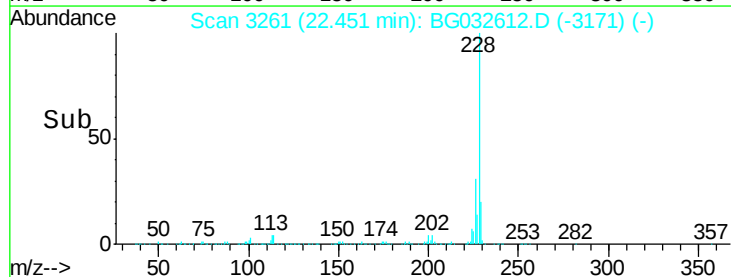
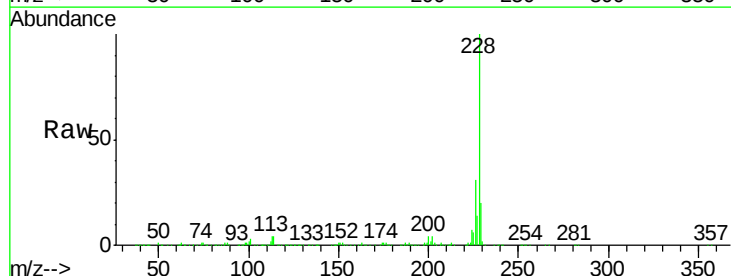
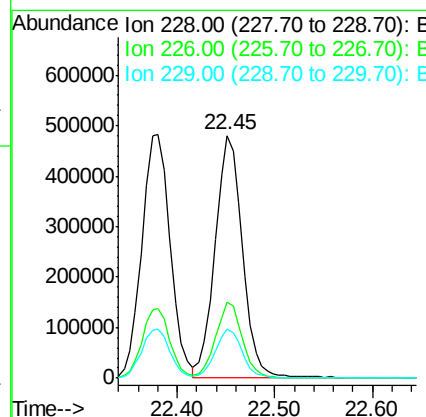
Manual Integrations
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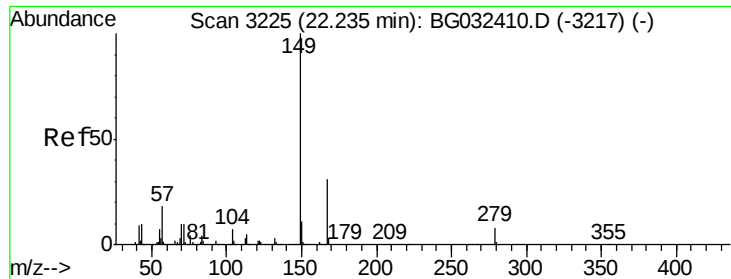
Sohil
 2/9/2018 4:34:26 PM



#82
 Chrysene
 Concen: 46.711 ng
 RT: 22.45 min Scan# 3261
 Delta R.T. -0.00 min
 Lab File: BG032612.D
 Acq: 8 Feb 2018 16:11

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.9	37.3
229	20.3	15.0	22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 47.938 ng

RT: 22.22 min Scan# 3221

Delta R.T. -0.00 min

Lab File: BG032612.D

Acq: 8 Feb 2018 16:11

Instrument :

BNA_G

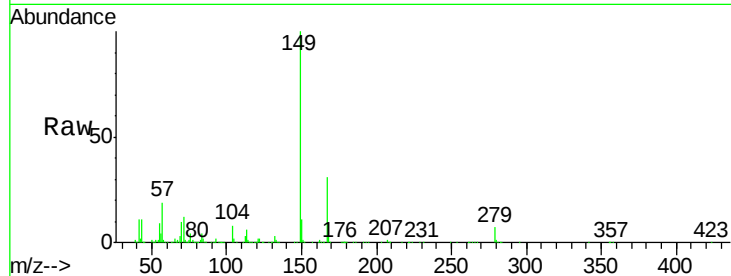
ClientSampleId :

TR-05-020718MS

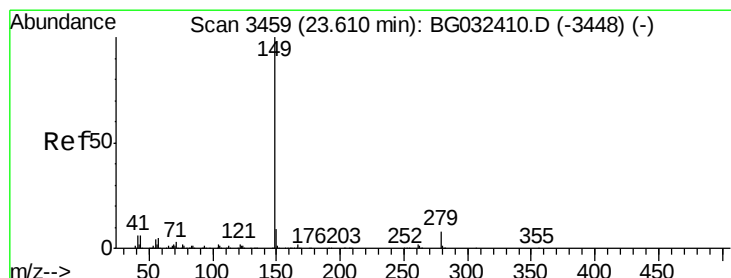
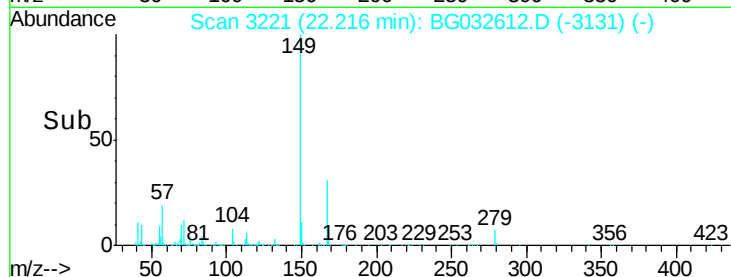
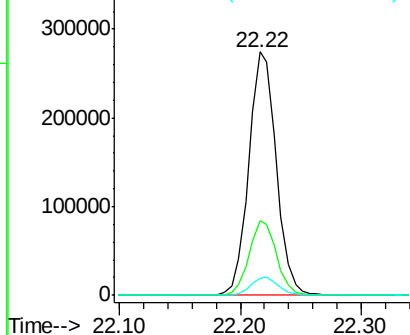
Tot Ion:	149	Resp:	434798
Ion Ratio	Lower	Upper	
149	100		
167	30.9	24.3	36.5
279	7.1	4.0	6.0#

Manual Integrations
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2/9/2018 4:34:26 PM



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



#84

Di-n-octyl phthalate

Concen: 51.883 ng

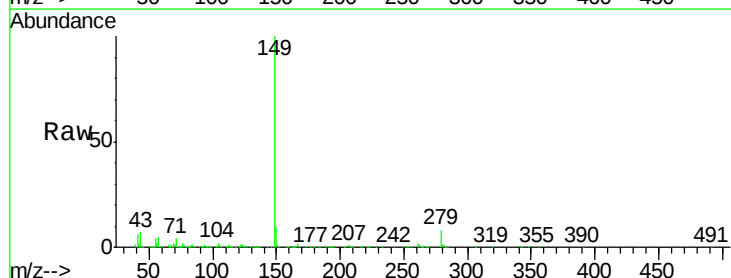
RT: 23.59 min Scan# 3455

Delta R.T. 0.01 min

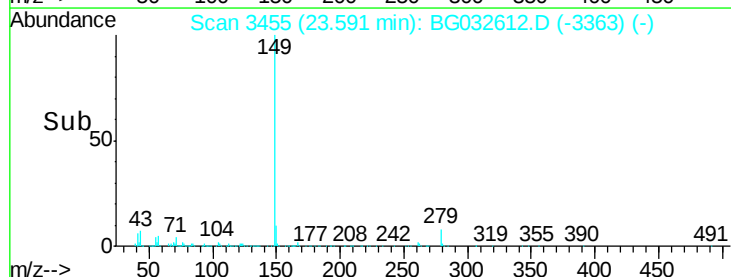
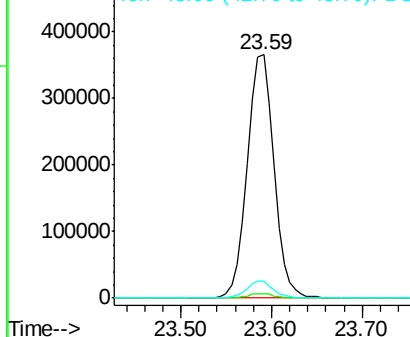
Lab File: BG032612.D

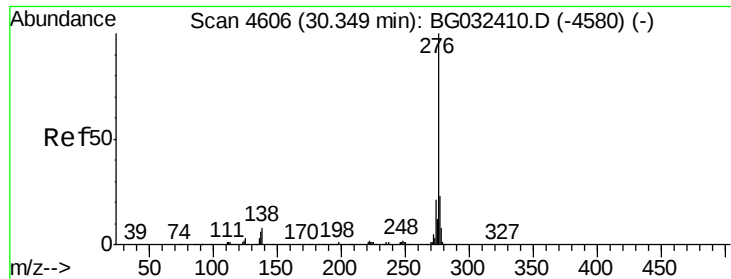
Acq: 8 Feb 2018 16:11

Tgt Ion:	149	Resp:	746389
Ion Ratio	Lower	Upper	
149	100		
167	2.0	1.4	2.0
43	6.7	8.9	13.3#



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





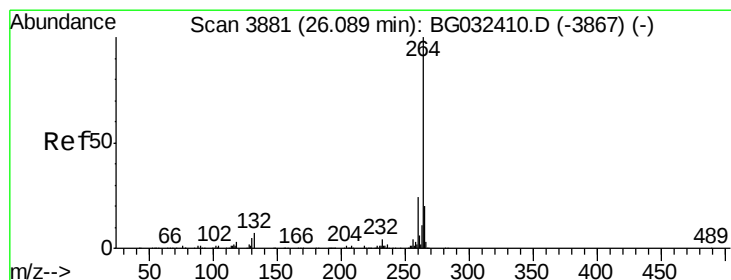
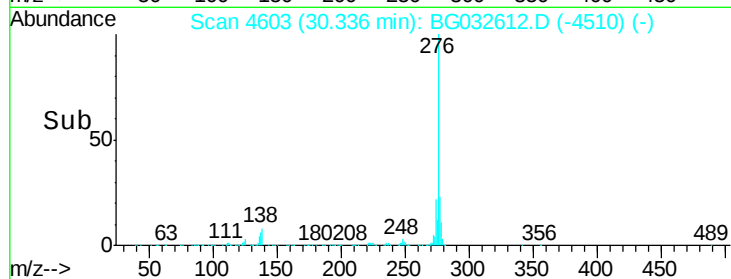
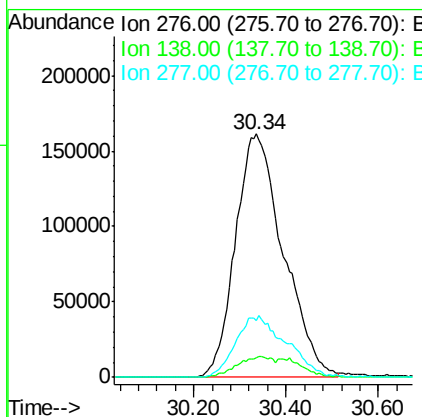
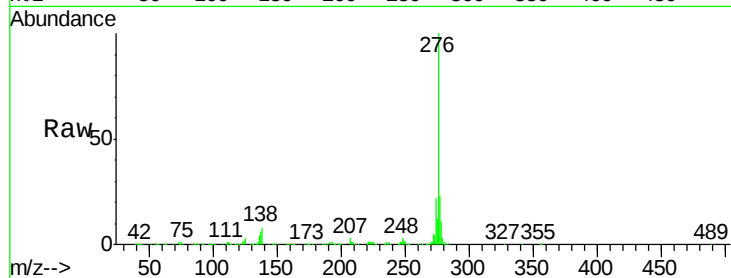
#85
Indeno(1,2,3-cd)pyrene
Concen: 46.496 ng
RT: 30.34 min Scan# 4603
Delta R.T. 0.02 min
Lab File: BG032612.D
Acq: 8 Feb 2018 16:11

Instrument :
BNA_G
ClientSampleId :
TR-05-020718MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	6.4	16.0	24.0#
277	11.4	20.0	30.0#

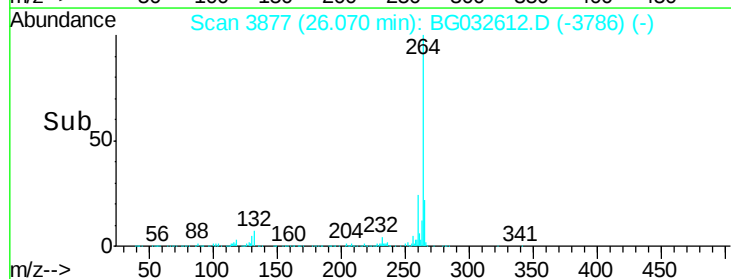
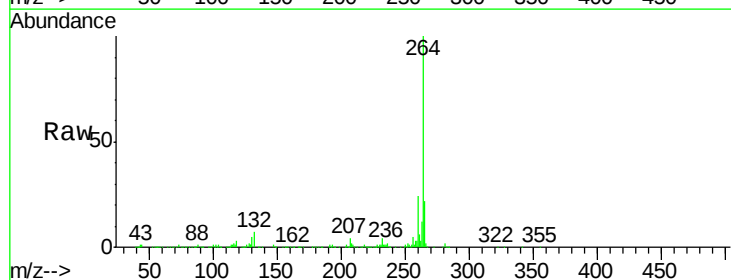
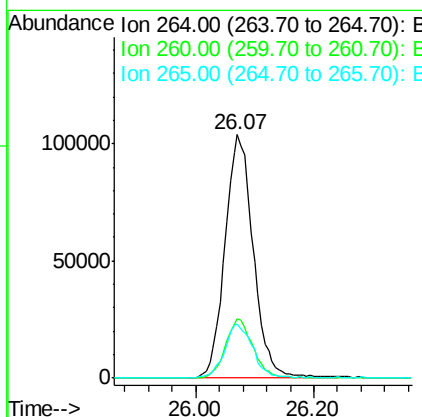
Manual Integrations
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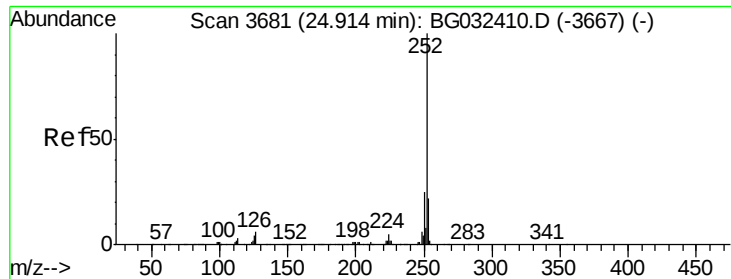
Sohil
2/9/2018 4:34:26 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 26.07 min Scan# 3877
Delta R.T. 0.00 min
Lab File: BG032612.D
Acq: 8 Feb 2018 16:11

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	17.4	26.0
265	22.3	17.7	26.5





#87

Benzo(b)fluoranthene

Concen: 47.824 ng

RT: 24.90 min Scan# 3677

Delta R.T. -0.00 min

Lab File: BG032612.D

Acq: 8 Feb 2018 16:11

Instrument :

BNA_G

ClientSampleId :

TR-05-020718MS

Tot Ion:252 Resp: 1004785

Ion Ratio Lower Upper

252 100

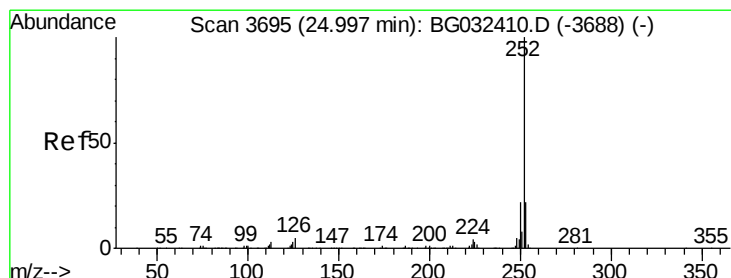
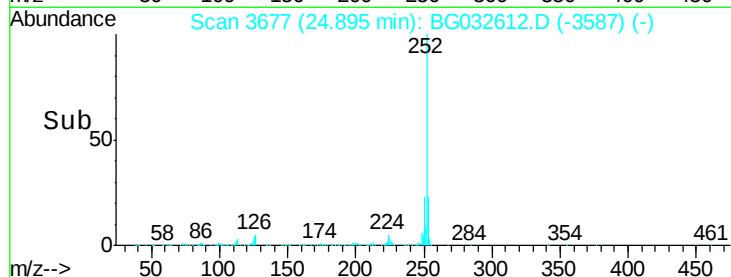
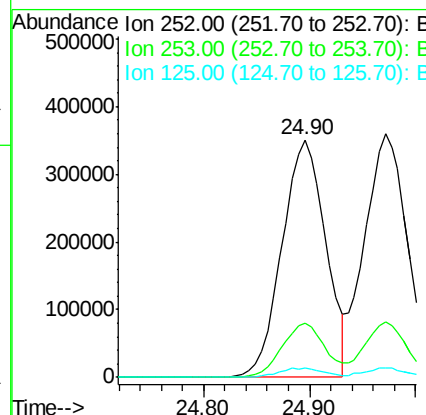
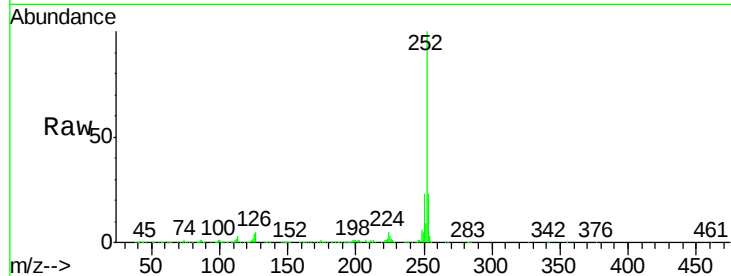
253 22.6 18.2 27.4

125 3.8 7.2 10.8#

Manual Integrations
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Sohil

2/9/2018 4:34:26 PM



#88

Benzo(k)fluoranthene

Concen: 49.574 ng

RT: 24.97 min Scan# 3690

Delta R.T. -0.00 min

Lab File: BG032612.D

Acq: 8 Feb 2018 16:11

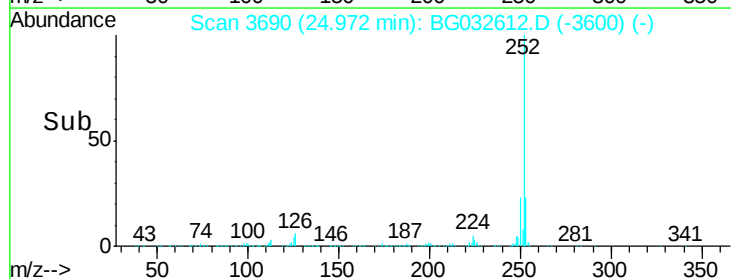
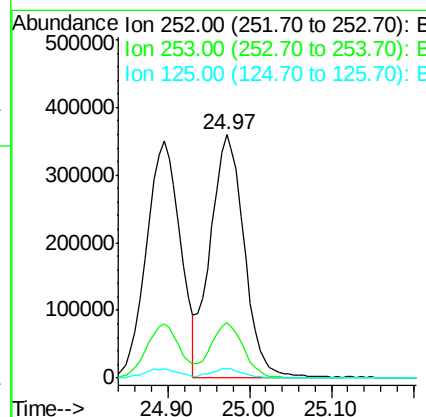
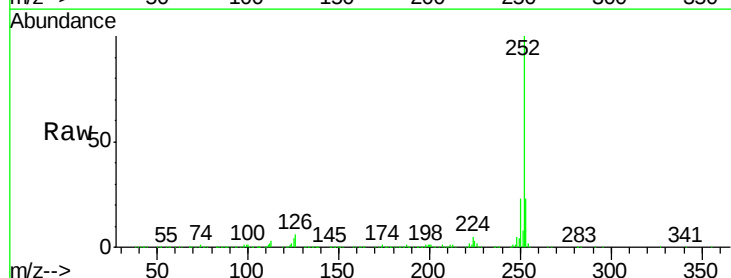
Tgt Ion:252 Resp: 1031801

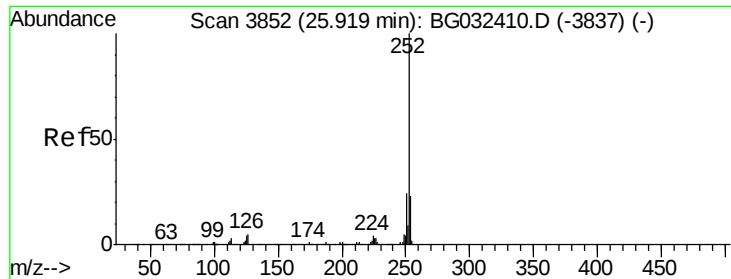
Ion Ratio Lower Upper

252 100

253 23.0 17.4 26.2

125 3.6 6.6 9.8#





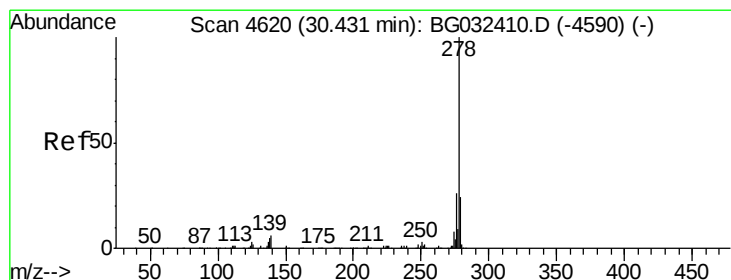
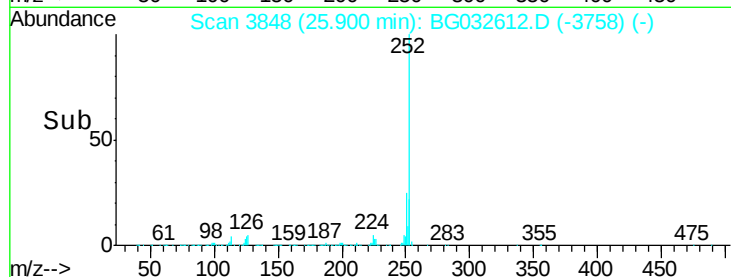
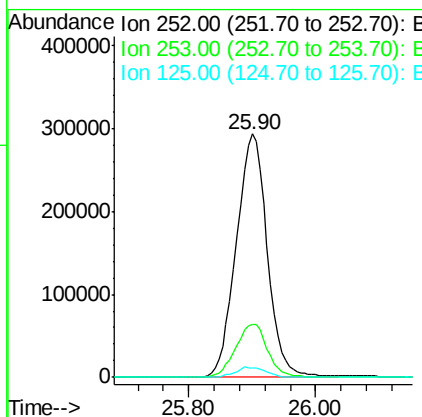
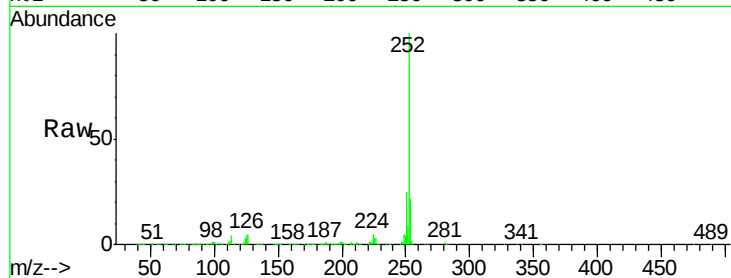
#89
Benzo(a)pyrene
Concen: 49.611 ng
RT: 25.90 min Scan# 3848
Delta R.T. -0.00 min
Lab File: BG032612.D
Acq: 8 Feb 2018 16:11

Instrument :
BNA_G
ClientSampleId :
TR-05-020718MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.3	27.5
125	3.9	7.3	10.9#

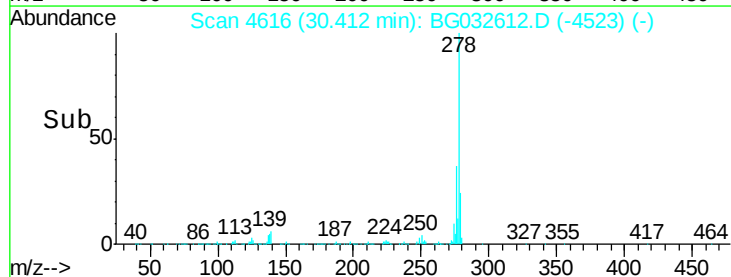
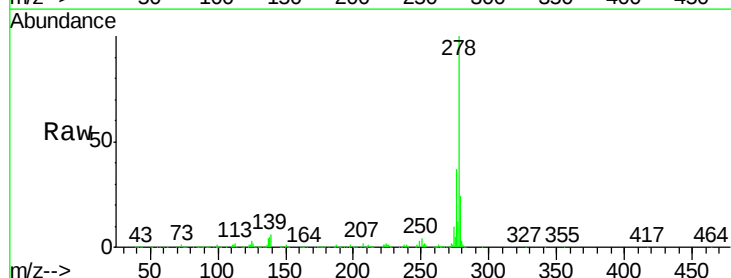
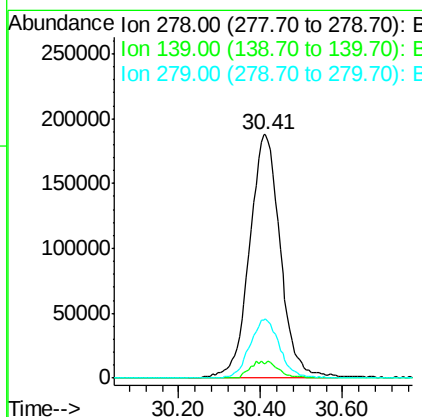
Manual Integrations
APPROVED

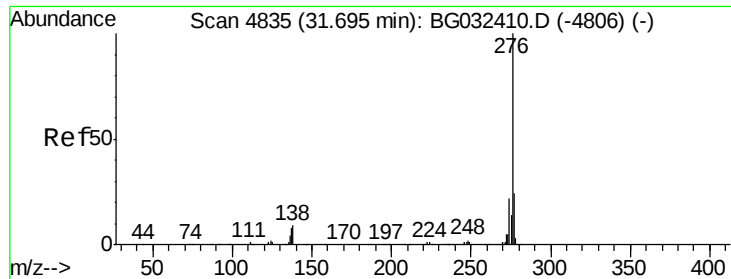
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 47.827 ng
RT: 30.41 min Scan# 4616
Delta R.T. 0.02 min
Lab File: BG032612.D
Acq: 8 Feb 2018 16:11

Tgt Ion	Ratio	Lower	Upper
278	100		
139	6.0	9.8	14.6#
279	24.2	18.4	27.6





#91
 Benzo(a,h,i)perylene
 Concen: 47.746 ng
 RT: 31.68 min Scan# 4831
 Delta R.T. 0.02 min
 Lab File: BG032612.D
 Acq: 8 Feb 2018 16:11

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-020718MS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.0	18.3	27.5
138	9.2	13.9	20.9

Manual Integrations
 APPROVED

Sohil
 2/9/2018 4:34:26 PM

