

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG110417\
 Data File : BG030710.D
 Acq On : 3 Nov 2017 21:31
 Operator : SJ/JU
 Sample : I6189-02MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LEONIA-GENMS

Manual Integrations
 APPROVED

Sohil
 11/4/2017 2:21:38 PM

Quant Time: Nov 03 23:24:55 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 03 18:14:01 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	61512	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	276739	20.00	ng	0.00
38) Acenaphthene-d10	14.77	164	188486	20.00	ng	0.00
63) Phenanthrene-d10	17.51	188	470956	20.00	ng	0.00
75) Chrysene-d12	21.78	240	510922	20.00	ng	0.00
86) Perylene-d12	25.08	264	523462	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.71	112	541463	147.05	ng	0.00
7) Phenol-d6	7.31	99	695101	134.49	ng	0.00
23) Nitrobenzene-d5	9.32	82	457246	105.00	ng	0.00
41) 2,4,6-Tribromophenol	16.26	330	400418	164.54	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	1186844	92.35	ng	0.00
78) Terphenyl-d14	20.10	244	2012838	89.62	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.58	88	71459	47.832	ng	# 82
3) Pyridine	3.99	79	155784	35.808	ng	93
4) n-Nitrosodimethylamine	3.89	42	94066	46.254	ng	# 95
6) Aniline	7.48	93	105014	16.408	ng	90
8) 2-Chlorophenol	7.72	128	210244	49.814	ng	92
9) Benzaldehyde	7.28	77	79628	30.631	ng	99
10) Phenol	7.34	94	251923	45.212	ng	92
11) bis(2-Chloroethyl)ether	7.57	93	201977	49.752	ng	91
12) 1,3-Dichlorobenzene	8.04	146	227598	48.032	ng	97
13) 1,4-Dichlorobenzene	8.19	146	236740	48.935	ng	94
14) 1,2-Dichlorobenzene	8.51	146	223820	47.965	ng	98
15) Benzyl Alcohol	8.39	79	195516	53.680	ng	89
16) 2,2'-oxybis(1-Chloropropan	8.68	45	323091	46.863	ng	92
17) 2-Methylphenol	8.59	107	186281	50.326	ng	95
18) Hexachloroethane	9.25	117	80537	48.850	ng	98
19) n-Nitroso-di-n-propylamine	8.96	70	166889	47.489	ng	# 96
20) 3+4-Methylphenols	8.92	107	263666	50.554	ng	94
22) Acetophenone	8.98	105	317936	47.672	ng	# 92
24) Nitrobenzene	9.36	77	245446	50.127	ng	# 89
25) Isophorone	9.88	82	475640	52.318	ng	# 93
26) 2-Nitrophenol	10.07	139	124205	53.074	ng	90
27) 2,4-Dimethylphenol	10.13	122	219531	51.848	ng	91
28) bis(2-Chloroethoxy)methane	10.36	93	293393	52.630	ng	96
29) 2,4-Dichlorophenol	10.61	162	242266	53.656	ng	93
30) 1,2,4-Trichlorobenzene	10.83	180	250599	51.374	ng	97
31) Naphthalene	11.02	128	860672	62.403	ng	98
32) Benzoic acid	10.27	122	118704	33.483	ng	84
33) 4-Chloroaniline	11.13	127	24749	4.266	ng	97
34) Hexachlorobutadiene	11.30	225	156158	51.489	ng	96
35) Caprolactam	11.90	113	70101m	46.716	ng	
36) 4-Chloro-3-methylphenol	12.24	107	252077	50.761	ng	87
37) 2-Methylnaphthalene	12.61	142	545967	54.314	ng	92
39) 1,2,4,5-Tetrachlorobenzene	12.98	216	301558	43.821	ng	98
40) Hexachlorocyclopentadiene	12.95	237	318665	119.778	ng	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.21	196	214531	49.660	ng	97
43) 2,4,5-Trichlorophenol	13.29	196	233035	52.526	ng	96
45) 1,1'-Biphenyl	13.61	154	726150	44.821	ng	96
46) 2-Chloronaphthalene	13.65	162	572901	48.480	ng	95
47) 2-Nitroaniline	13.85	65	173104	53.331	ng	# 82
48) Acenaphthylene	14.50	152	908954	49.147	ng	99
49) Dimethylphthalate	14.22	163	743142	50.532	ng	99
50) 2,6-Dinitrotoluene	14.34	165	170310	55.244	ng	# 81
51) Acenaphthene	14.83	154	565793	47.019	ng	99
52) 3-Nitroaniline	14.67	138	70039	21.054	ng	# 80
53) 2,4-Dinitrophenol	14.88	184	186763	107.526	ng	# 52
54) Dibenzofuran	15.17	168	923931	53.785	ng	99
55) 4-Nitrophenol	14.98	139	269994	98.446	ng	# 82
56) 2,4-Dinitrotoluene	15.13	165	244737	58.644	ng	# 79
57) Fluorene	15.81	166	725621	51.133	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.39	232	227357	61.424	ng	93
59) Diethylphthalate	15.57	149	747068	50.973	ng	98
60) 4-Chlorophenyl-phenylether	15.80	204	401335	53.043	ng	95
61) 4-Nitroaniline	15.83	138	172094	50.380	ng	86
62) Azobenzene	16.09	77	662609	53.613	ng	97
64) 4,6-Dinitro-2-methylphenol	15.89	198	128799	48.083	ng	84
65) n-Nitrosodiphenylamine	16.01	169	657965	46.638	ng	99
66) 4-Bromophenyl-phenylether	16.69	248	266646	49.341	ng	99
67) Hexachlorobenzene	16.82	284	292046	47.709	ng	96
68) Atrazine	16.95	200	261169	51.882	ng	99
69) Pentachlorophenol	17.16	266	343460	97.672	ng	98
70) Phenanthrene	17.55	178	1207578	49.634	ng	96
71) Anthracene	17.64	178	1225277	50.154	ng	97
72) Carbazole	17.91	167	1137751	48.481	ng	99
73) Di-n-butylphthalate	18.45	149	1307250	48.433	ng	99
74) Fluoranthene	19.55	202	1485563	52.204	ng	96
76) Benzidine	19.72	184	191491	12.413	ng	98
77) Pyrene	19.91	202	1520823	49.069	ng	96
79) Butylbenzylphthalate	20.78	149	632673	47.913	ng	87
80) Benzo(a)anthracene	21.76	228	1516007	50.538	ng	97
81) 3,3'-Dichlorobenzidine	21.67	252	289178	23.356	ng	96
82) Chrysene	21.83	228	1438621	50.078	ng	97
83) Bis(2-ethylhexyl)phthalate	21.64	149	879650	46.419	ng	99
84) Di-n-octyl phthalate	22.88	149	1503112	45.511	ng	96
85) Indeno(1,2,3-cd)pyrene	28.86	276	1837563	51.993	ng	98
87) Benzo(b)fluoranthene	24.03	252	1536663	51.276	ng	99
88) Benzo(k)fluoranthene	24.10	252	1534239	51.387	ng	98
89) Benzo(a)pyrene	24.93	252	1511244	52.455	ng	99
90) Dibenzo(a,h)anthracene	28.93	278	1532571	52.544	ng	97
91) Benzo(g,h,i)perylene	30.06	276	1535814	56.671	ng	97

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

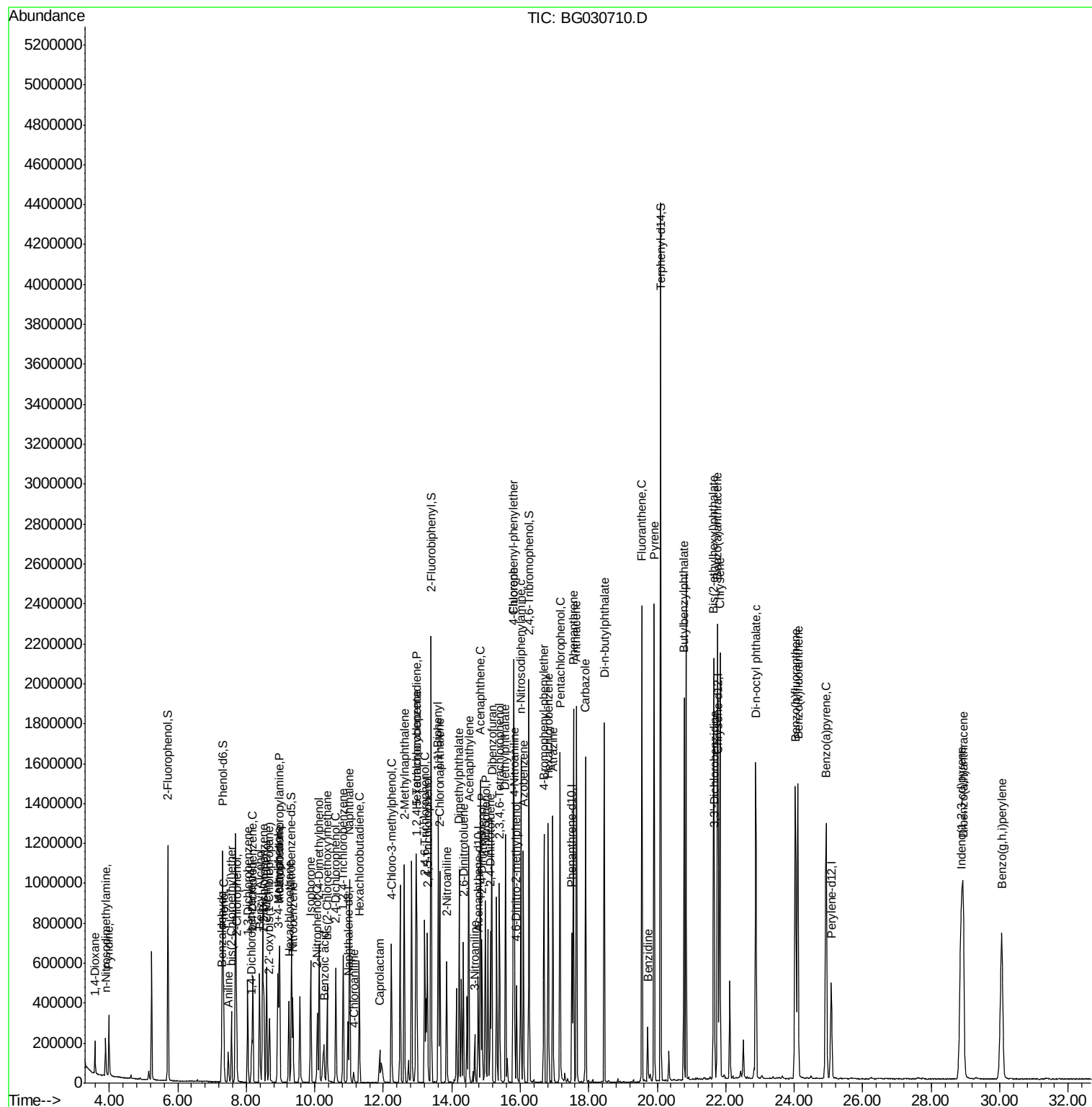
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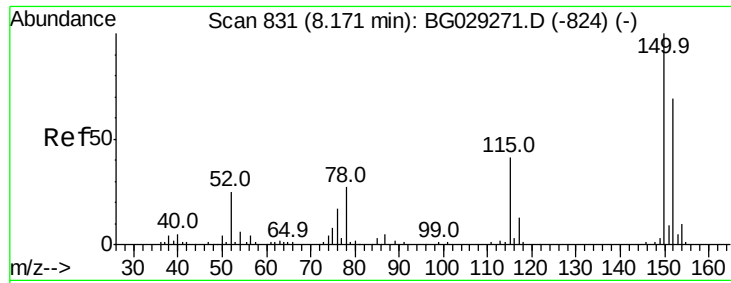
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#1

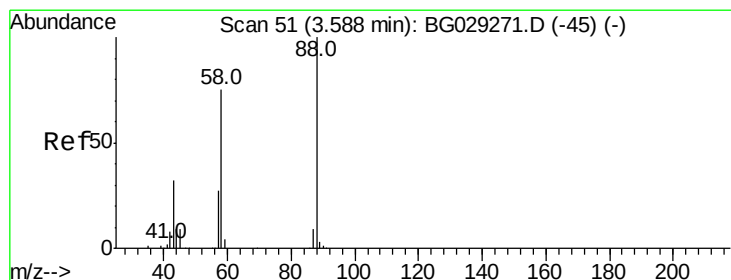
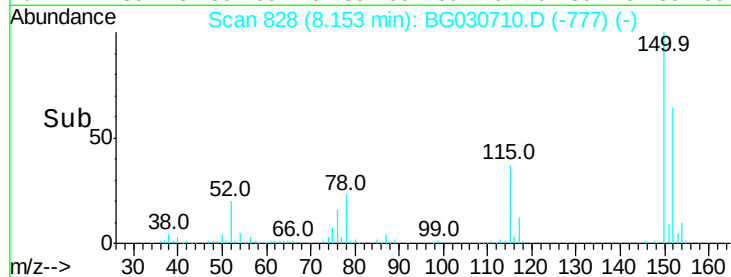
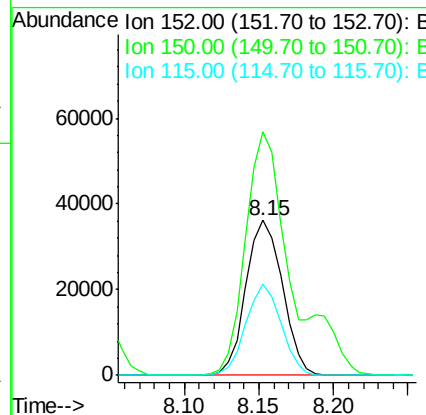
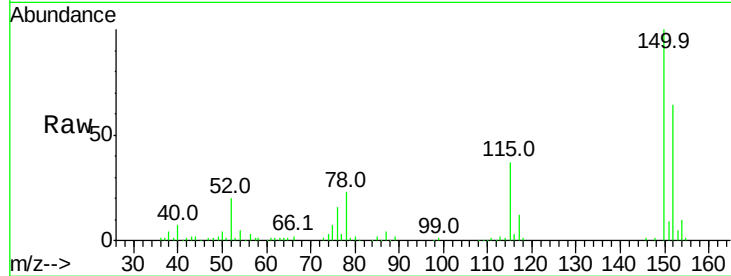
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 828
Delta R.T. -0.00 min
Lab File: BG030710.D
Acq: 3 Nov 2017 21:31

Instrument :
BNA_G
ClientSampleId :
LEONIA-GENMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	126.6	189.8
115	59.0	53.0	79.4

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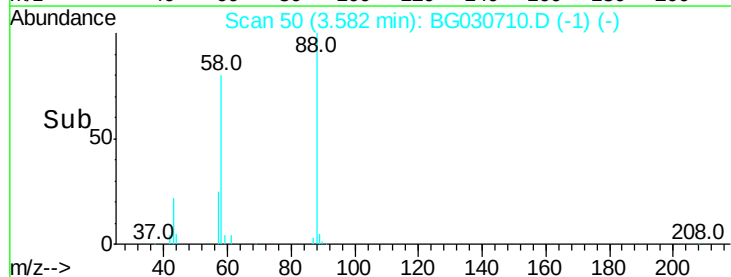
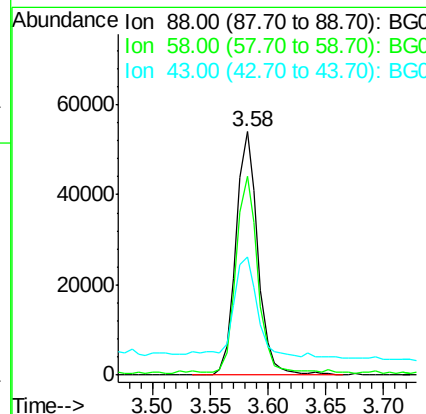
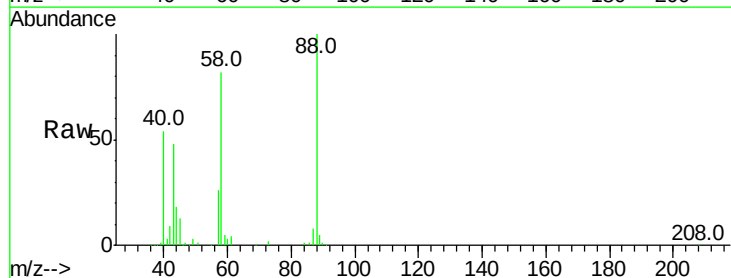
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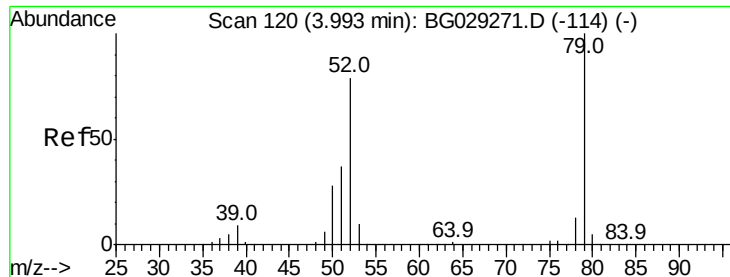


#2

1,4-Dioxane
Concen: 47.832 ng
RT: 3.58 min Scan# 50
Delta R.T. 0.01 min
Lab File: BG030710.D
Acq: 3 Nov 2017 21:31

Tgt Ion	Ratio	Lower	Upper
88	100		
58	79.3	79.6	119.4#
43	41.8	27.4	41.0#





#3

Pvridine

Concen: 35.808 ng

RT: 3.99 min Scan# 119

Delta R.T. 0.01 min

Lab File: BG030710.D

Acq: 3 Nov 2017 21:31

Instrument :

BNA_G

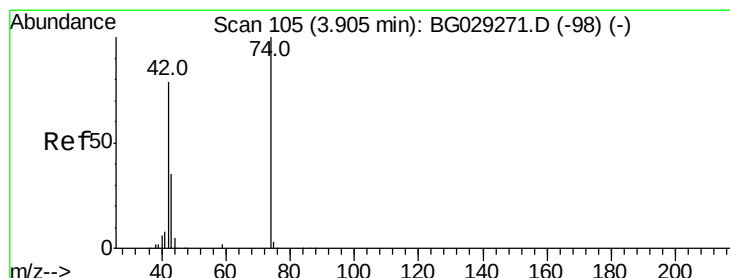
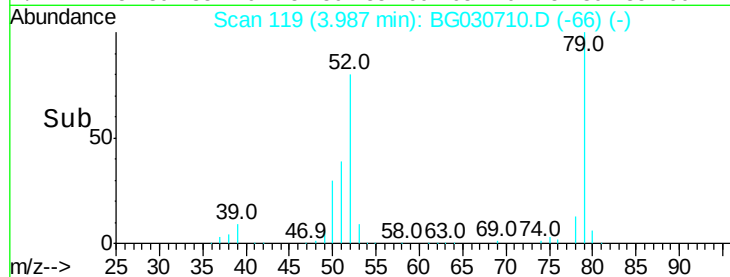
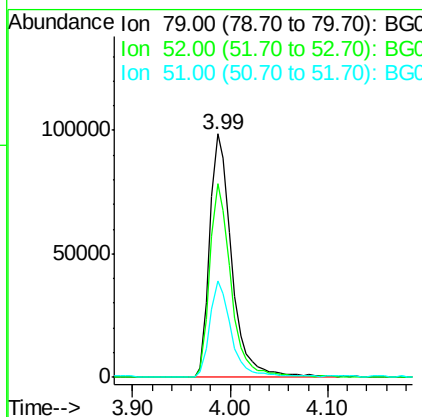
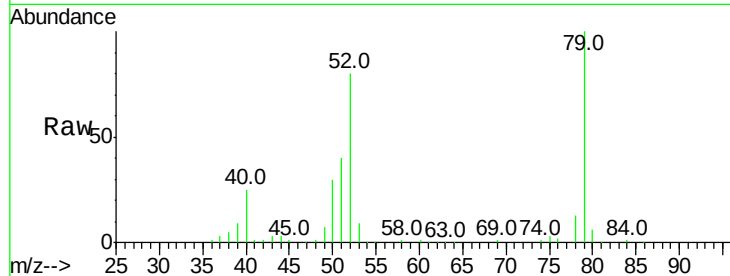
ClientSampleId :

LEONIA-GENMS

Tot Ion:	79	Resp:	155784
Ion Ratio	Lower	Upper	
79	100		
52	79.5	69.9	104.9
51	39.8	34.0	51.0

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#4

n-Nitrosodimethylamine

Concen: 46.254 ng

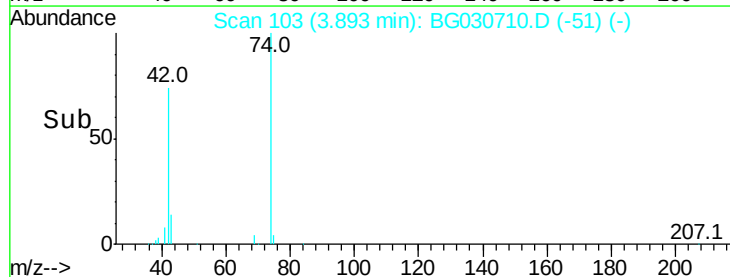
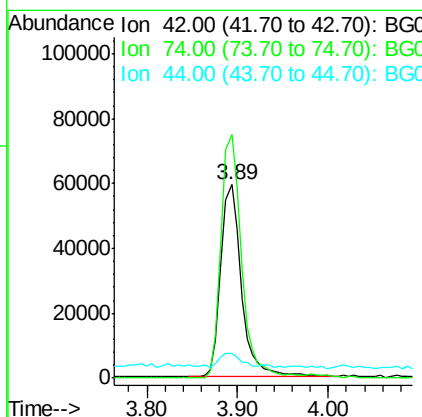
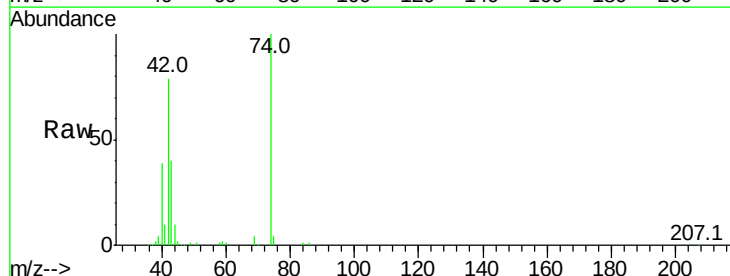
RT: 3.89 min Scan# 103

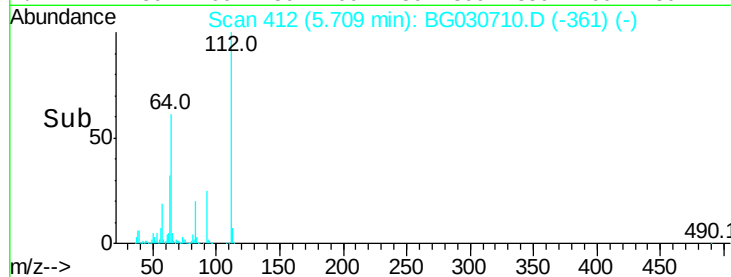
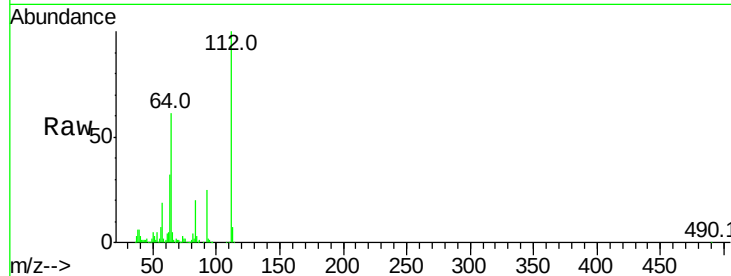
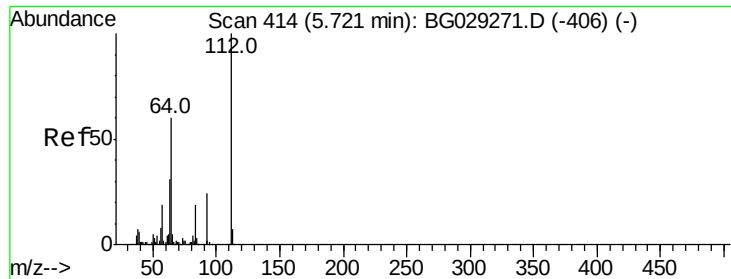
Delta R.T. 0.01 min

Lab File: BG030710.D

Acq: 3 Nov 2017 21:31

Tgt Ion:	42	Resp:	94066
Ion Ratio	Lower	Upper	
42	100		
74	125.9	102.5	153.7
44	12.8	18.9	28.3





#5

2-Fluorophenol

Concen: 147.051 ng

RT: 5.71 min Scan# 412

Delta R.T. -0.00 min

Lab File: BG030710.D

Acq: 3 Nov 2017 21:31

Tot Ion:	112	Resp:	541463
Ion Ratio	Lower	Upper	
112	100		
64	60.6	56.3	84.5
63	31.8	30.1	45.1

Instrument :

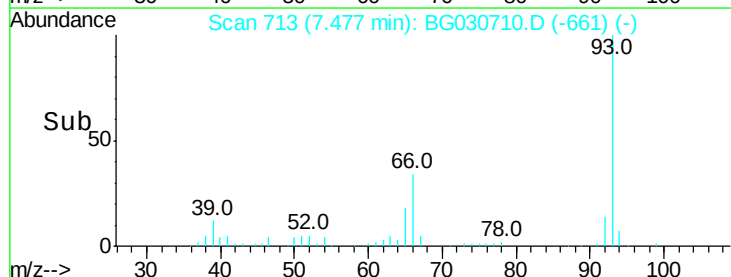
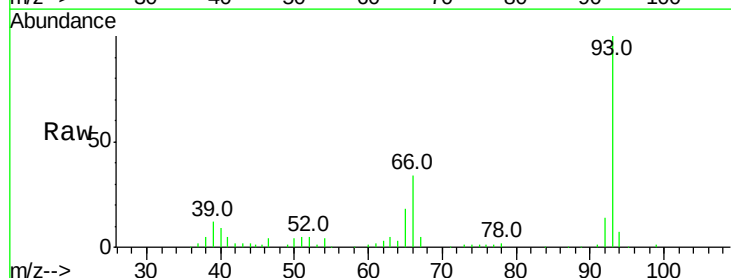
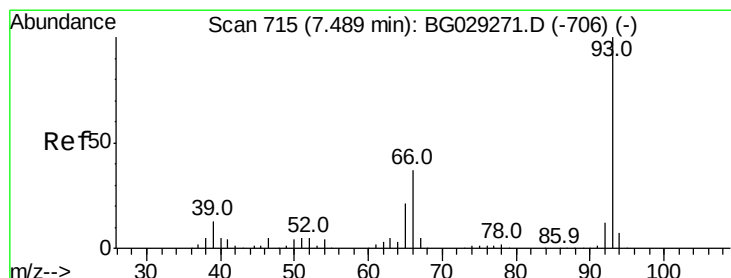
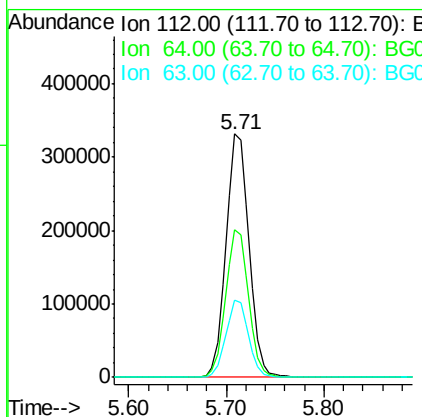
BNA_G

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LEONIA-GENMS

Manual Integrations
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#6

Aniline

Concen: 16.408 ng

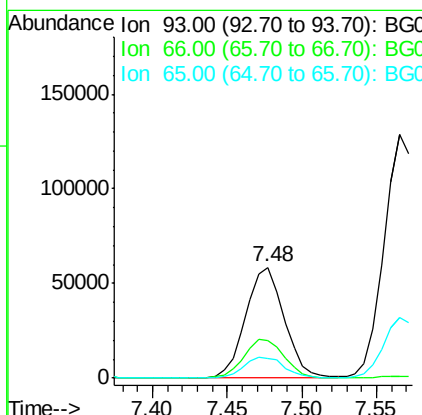
RT: 7.48 min Scan# 713

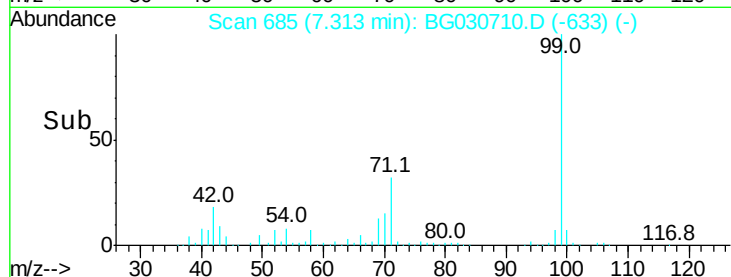
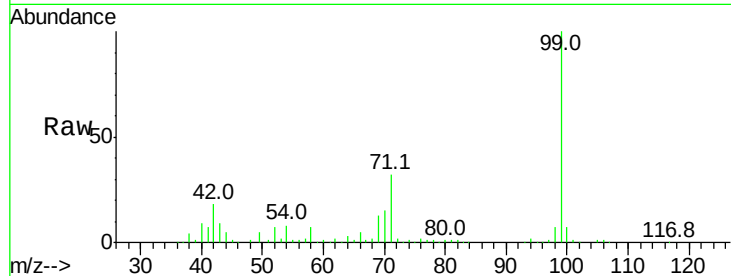
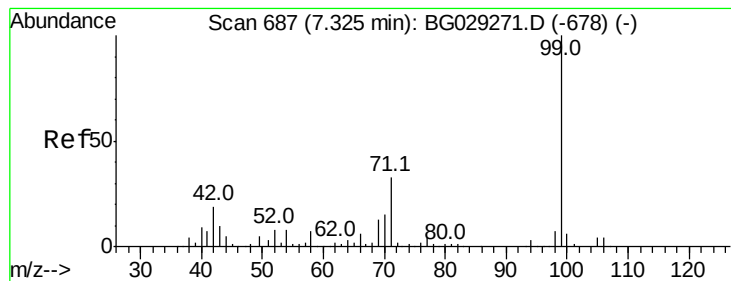
Delta R.T. 0.01 min

Lab File: BG030710.D

Acq: 3 Nov 2017 21:31

Tgt Ion:	93	Resp:	105014
Ion Ratio	Lower	Upper	
93	100		
66	34.4	33.7	50.5
65	17.5	16.1	24.1





#7

Phenol-d6

Concen: 134.489 ng

RT: 7.31 min Scan# 685

Delta R.T. 0.01 min

Lab File: BG030710.D

Acq: 3 Nov 2017 21:31

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		695101		
42	18.5	14.1	21.1		
71	32.5	26.1	39.1		

Instrument :

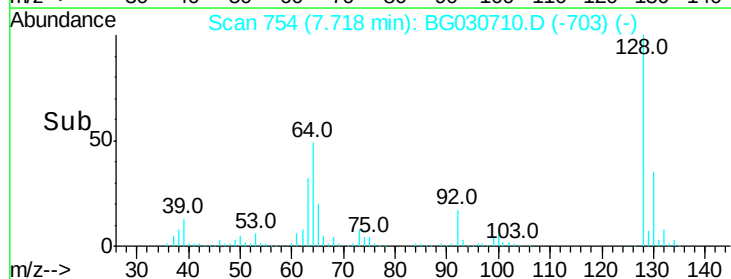
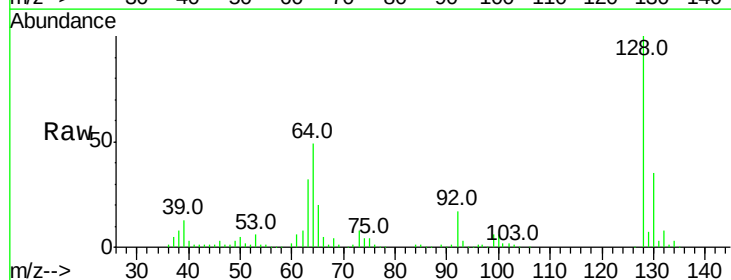
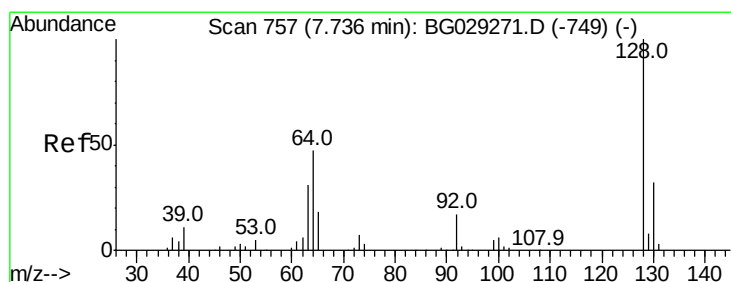
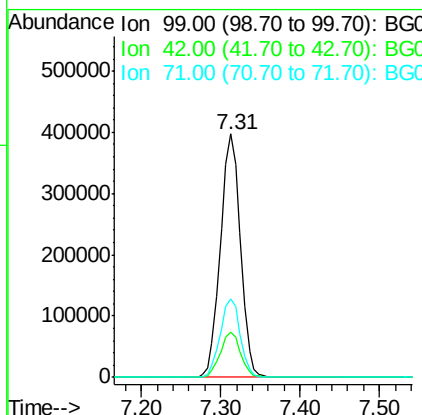
BNA_G

ClientSampled :

LEONIA-GENMS

Manual Integrations
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#8

2-Chlorophenol

Concen: 49.814 ng

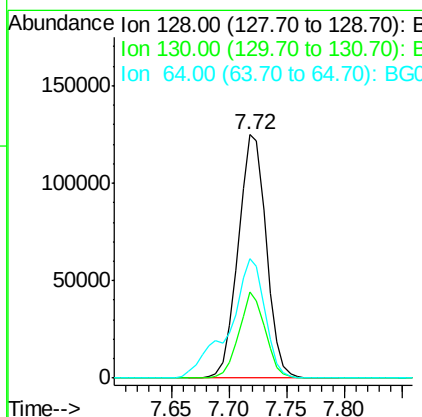
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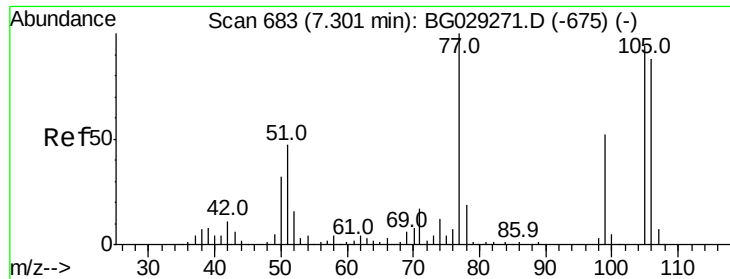
Delta R.T. -0.00 min

Lab File: BG030710.D

Acq: 3 Nov 2017 21:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		210244		
130	35.2	14.0	54.0		
64	49.1	37.7	77.7		





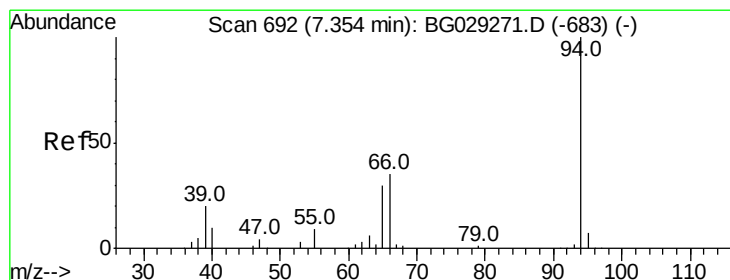
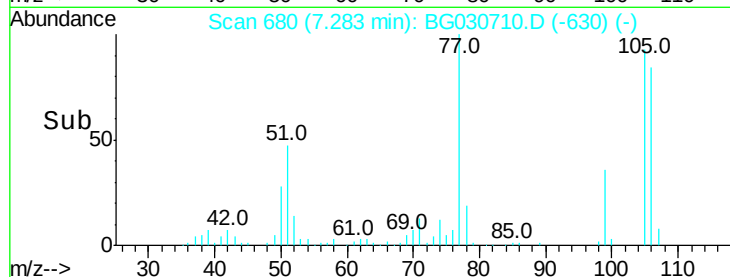
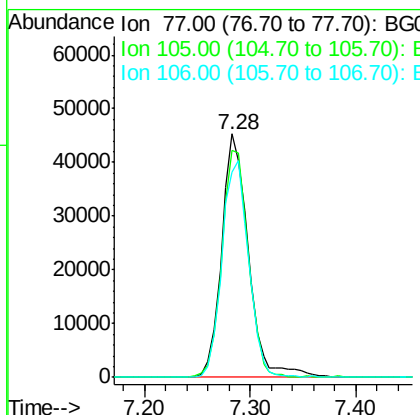
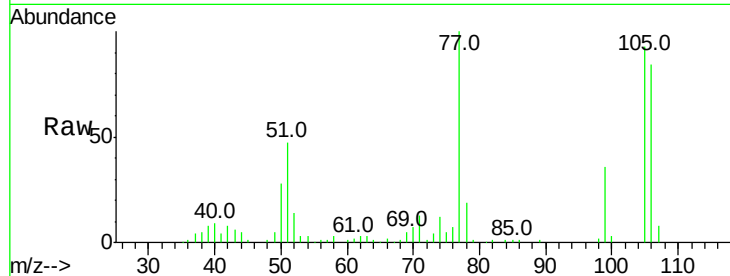
#9
Benzaldehyde
Concen: 30.631 ng
RT: 7.28 min Scan# 680
Delta R.T. -0.01 min
Lab File: BG030710.D
Acq: 3 Nov 2017 21:31

Instrument :
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ClientSampleId :
LEONIA-GENMS

Tot Ion: 77 Resp: 79628
Ion Ratio Lower Upper
77 100
105 93.2 71.3 111.3
106 84.2 64.2 104.2

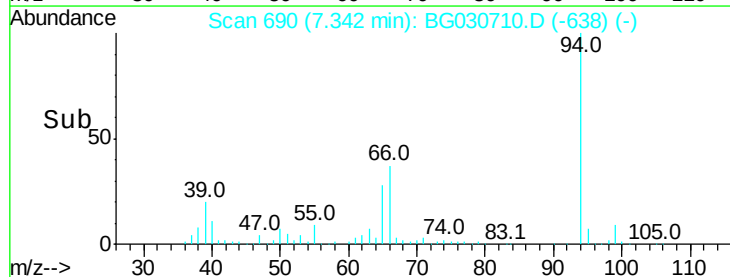
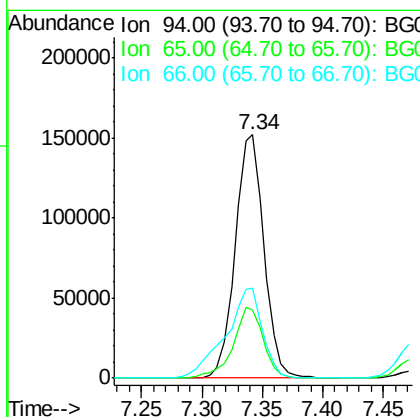
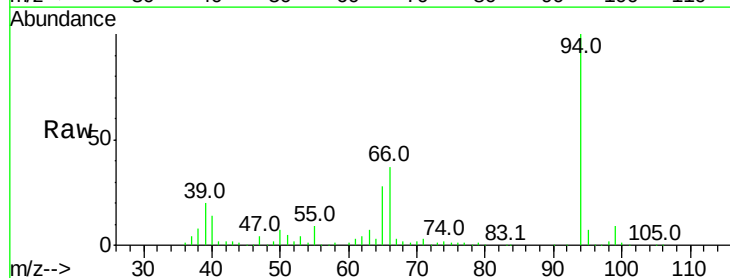
Manual Integrations
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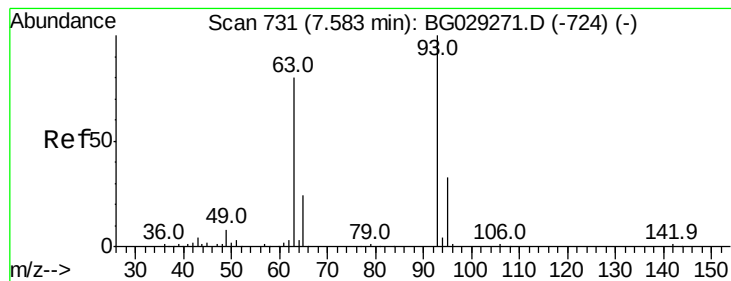
Sohil
11/4/2017 2:21:38 PM



#10
Phenol
Concen: 45.212 ng
RT: 7.34 min Scan# 690
Delta R.T. 0.01 min
Lab File: BG030710.D
Acq: 3 Nov 2017 21:31

Tgt Ion: 94 Resp: 251923
Ion Ratio Lower Upper
94 100
65 27.8 11.9 51.9
66 36.8 22.2 62.2





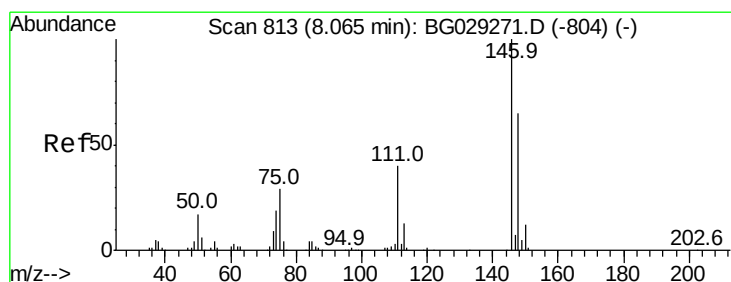
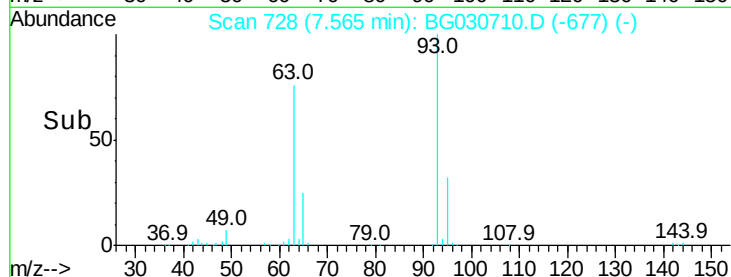
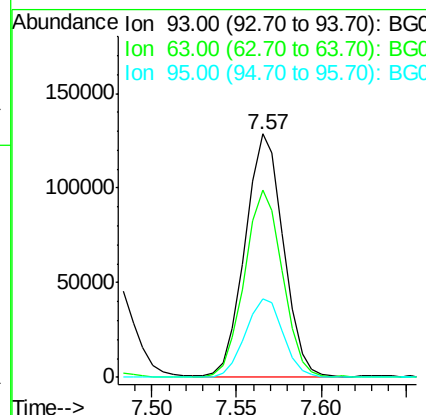
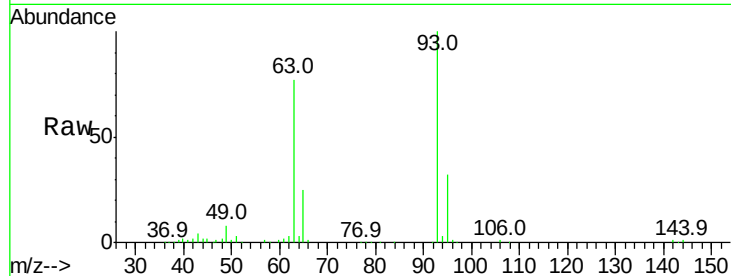
#11
bis(2-Chloroethyl)ether
Concen: 49.752 ng
RT: 7.57 min Scan# 728
Delta R.T. -0.00 min
Lab File: BG030710.D
Acq: 3 Nov 2017 21:31

Instrument :
BNA_G
ClientSampleId :
LEONIA-GENMS

Tot Ion	Ratio	Lower	Upper
93	100		
63	76.7	67.1	107.1
95	32.1	11.5	51.5

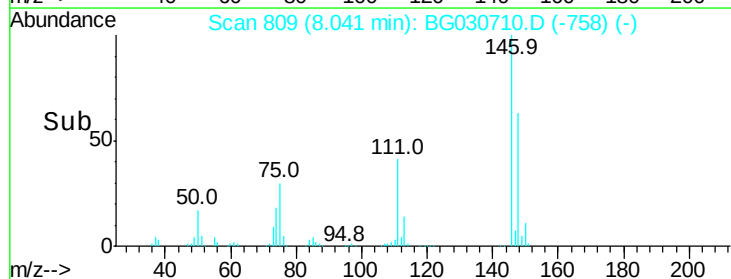
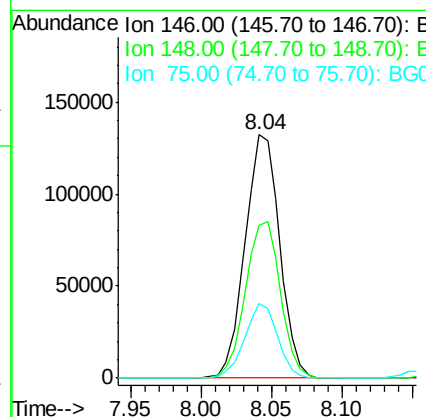
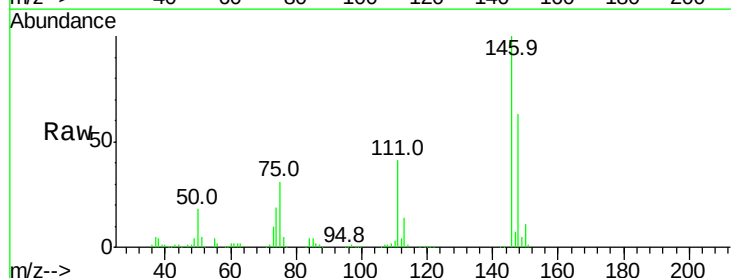
Manual Integrations
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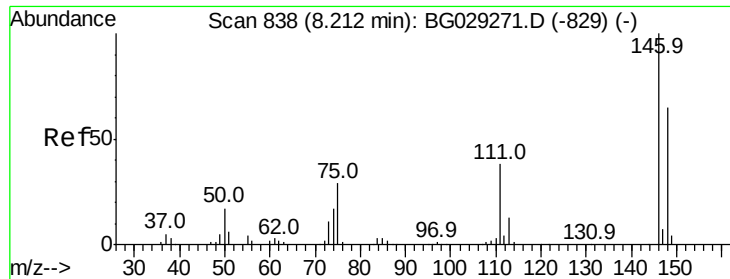
Sohil
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#12
1,3-Dichlorobenzene
Concen: 48.032 ng
RT: 8.04 min Scan# 809
Delta R.T. -0.00 min
Lab File: BG030710.D
Acq: 3 Nov 2017 21:31

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.0	51.4	77.2
75	30.7	26.6	39.8





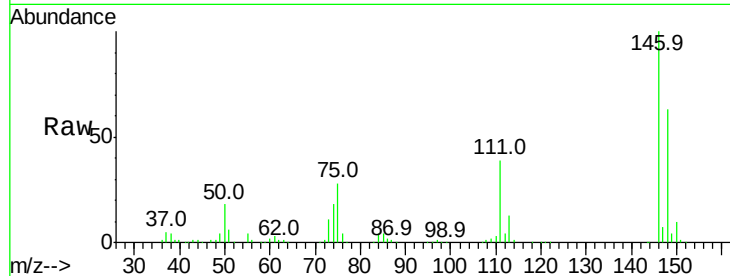
#13
 1,4-Dichlorobenzene
 Concen: 48.935 ng
 RT: 8.19 min Scan# 834
 Delta R.T. -0.00 min
 Lab File: BG030710.D
 Acq: 3 Nov 2017 21:31

Instrument :
 BNA_G
 ClientSampleId :
 LEONIA-GENMS

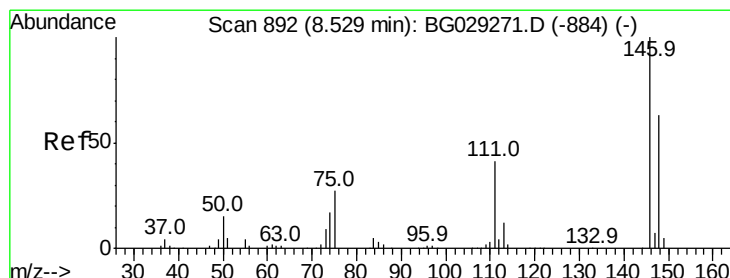
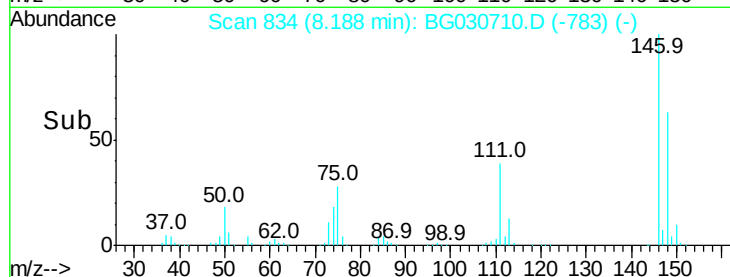
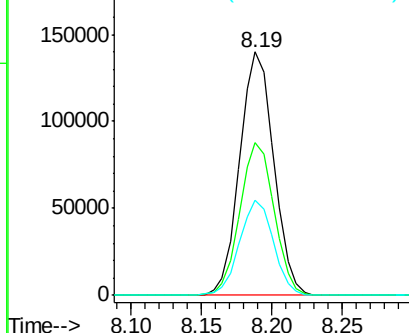
Tot Ion	Ratio	Lower	Upper
146	100		
148	62.6	53.7	80.5
111	39.3	35.2	52.8

Manual Integrations
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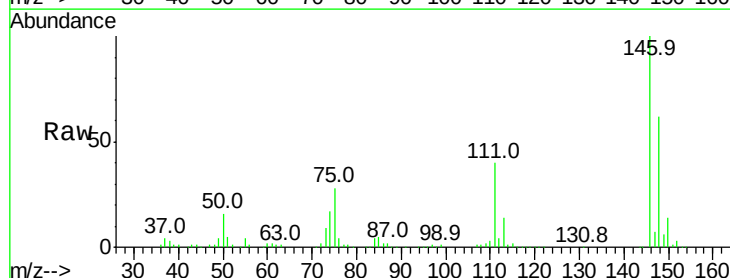


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

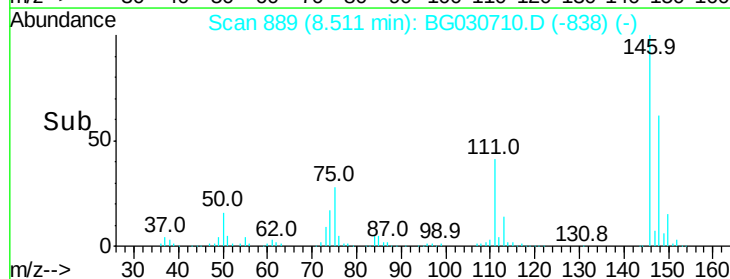
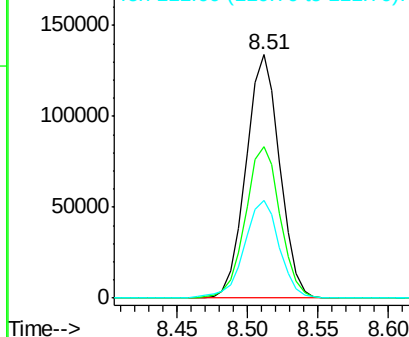


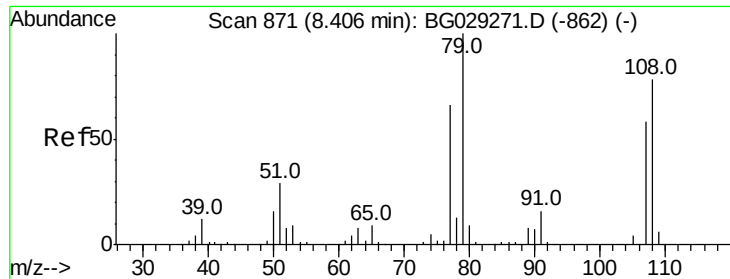
#14
 1,2-Dichlorobenzene
 Concen: 47.965 ng
 RT: 8.51 min Scan# 889
 Delta R.T. -0.00 min
 Lab File: BG030710.D
 Acq: 3 Nov 2017 21:31

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.1	49.3	73.9
111	40.3	34.3	51.5



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





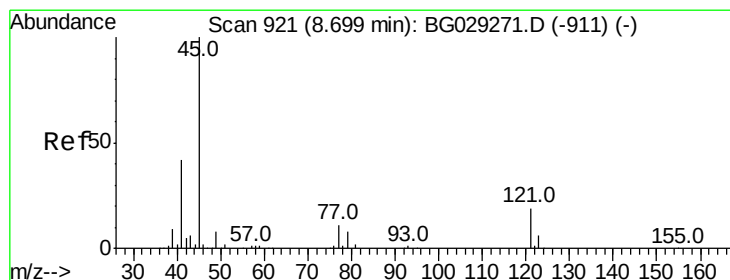
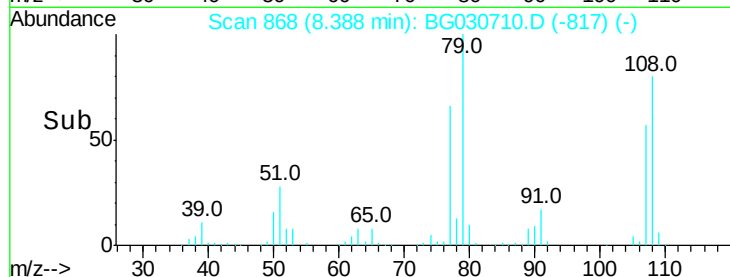
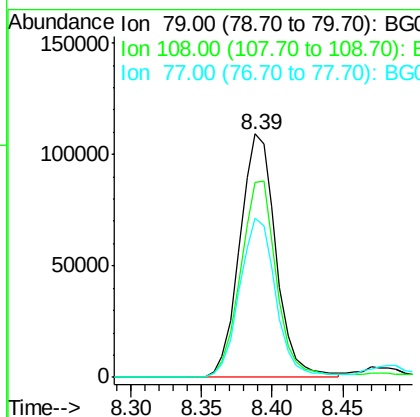
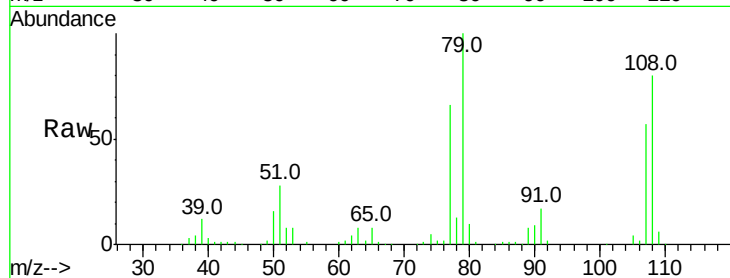
#15
Benzyl Alcohol
Concen: 53.680 ng
RT: 8.39 min Scan# 868
Delta R.T. -0.00 min
Lab File: BG030710.D
Acq: 3 Nov 2017 21:31

Instrument :
BNA_G
ClientSampleId :
LEONIA-GENMS

Tot Ion	Ratio	Lower	Upper
79	100		
108	80.2	57.2	85.8
77	65.6	46.1	69.1

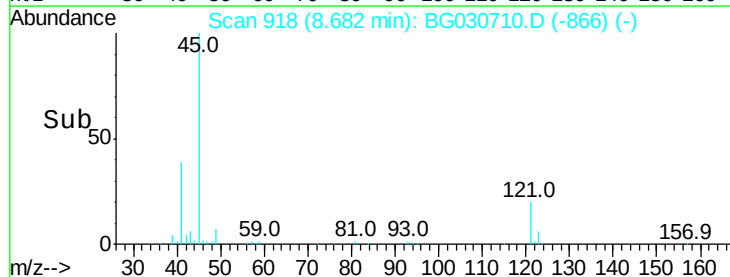
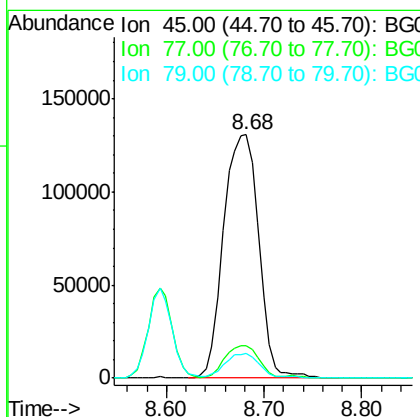
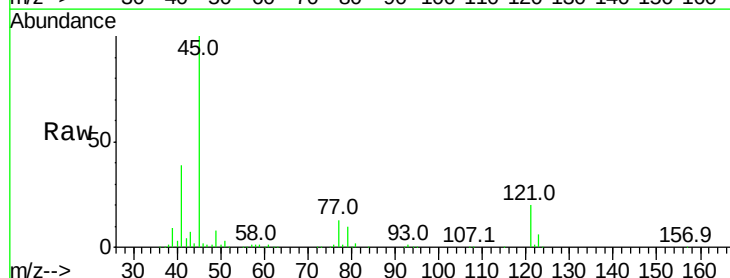
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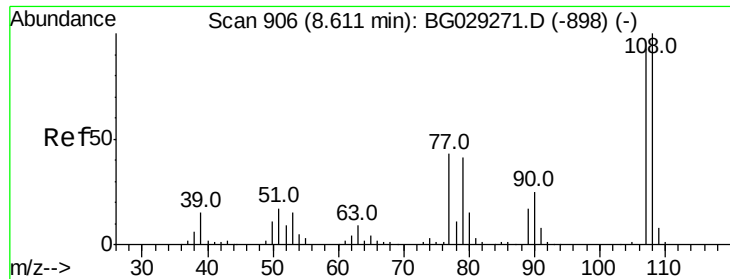
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#16
2,2'-oxybis(1-chloropropane)
Concen: 46.863 ng
RT: 8.68 min Scan# 918
Delta R.T. 0.01 min
Lab File: BG030710.D
Acq: 3 Nov 2017 21:31

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.4	0.0	30.2
79	10.4	0.0	27.9





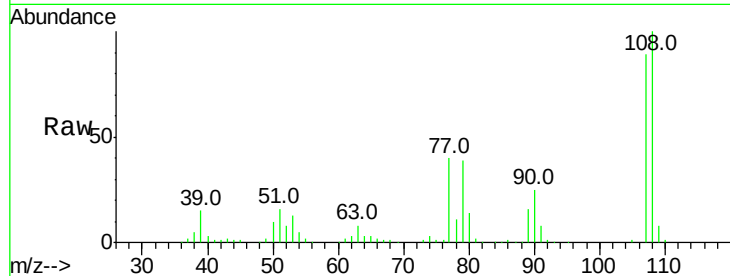
#17
2-Methylphenol
Concen: 50.326 ng
RT: 8.59 min Scan# 903
Delta R.T. -0.00 min
Lab File: BG030710.D
Acq: 3 Nov 2017 21:31

Instrument :
BNA_G
ClientSampleId :
LEONIA-GENMS

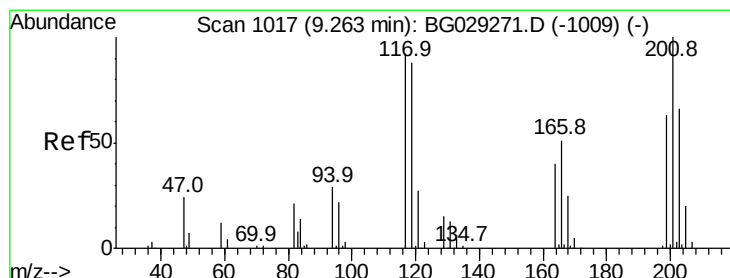
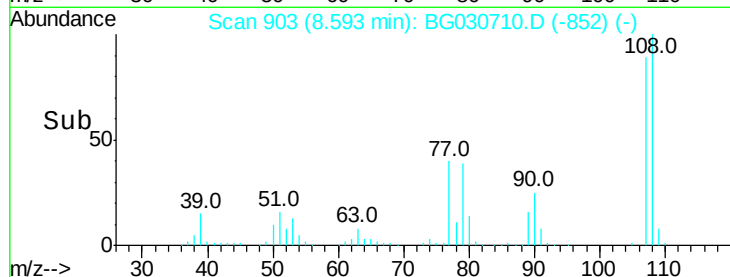
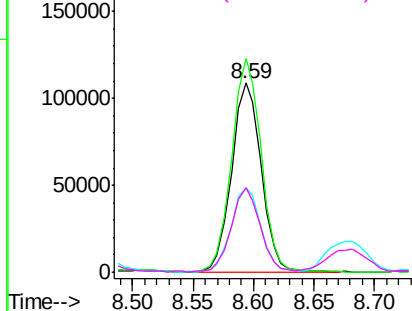
Tot Ion	Ratio	Resp	Lower	Upper
107	100	186281		
108	112.8	83.9	125.9	
77	44.7	37.2	55.8	
79	44.4	36.2	54.2	

Manual Integrations
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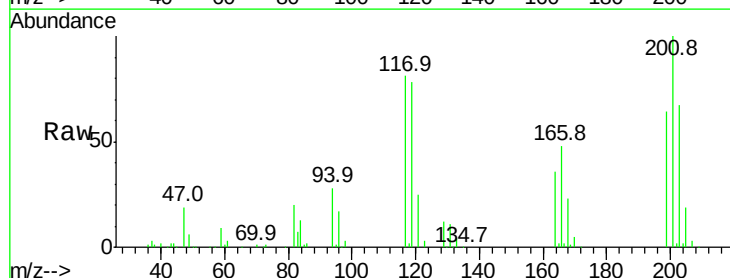


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

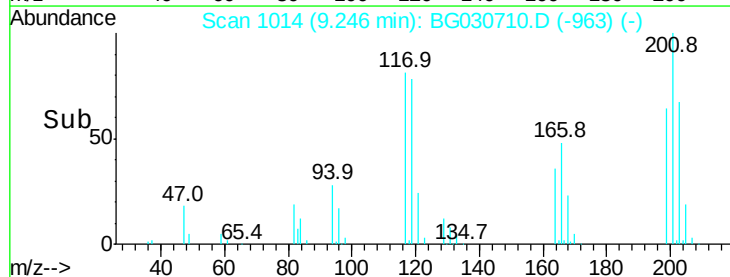
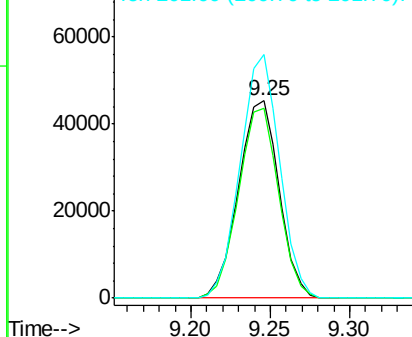


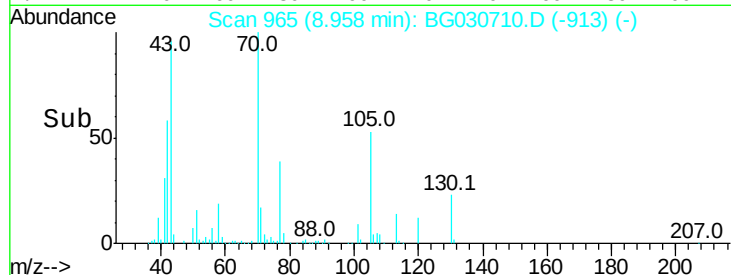
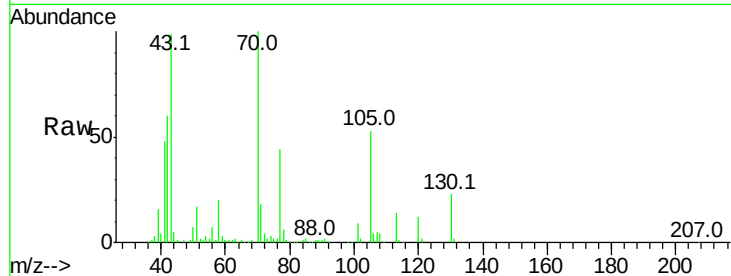
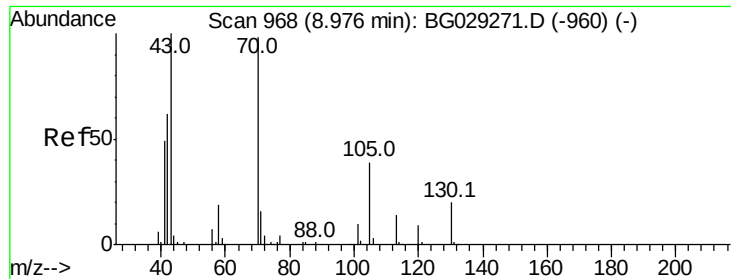
#18
Hexachloroethane
Concen: 48.850 ng
RT: 9.25 min Scan# 1014
Delta R.T. -0.00 min
Lab File: BG030710.D
Acq: 3 Nov 2017 21:31

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	80537		
119	96.1	76.7	115.1	
201	123.5	95.7	143.5	



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





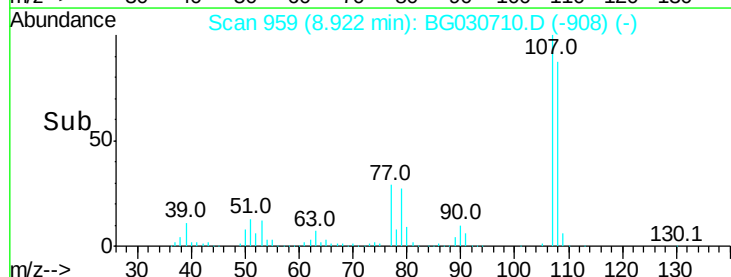
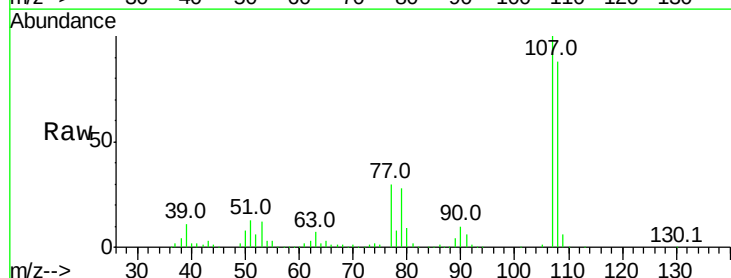
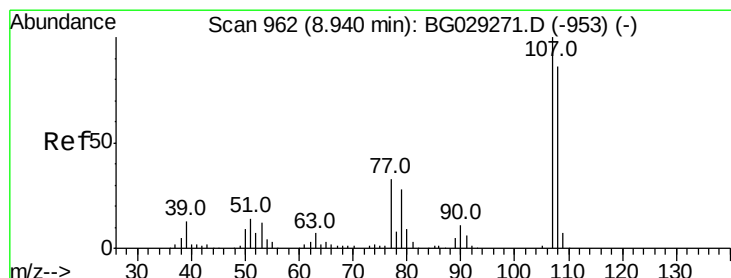
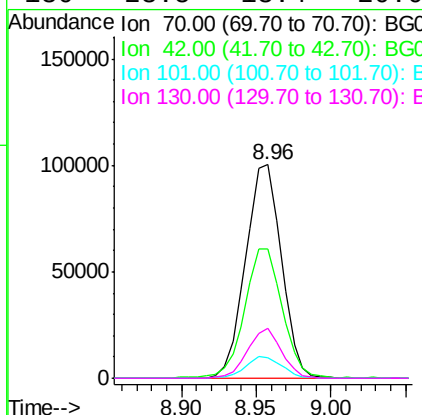
#19
n-Nitroso-di-n-propylamine
Concen: 47.489 ng
RT: 8.96 min Scan# 965
Delta R.T. 0.01 min
Lab File: BG030710.D
Acq: 3 Nov 2017 21:31

Instrument :
BNA_G
ClientSampleId :
LEONIA-GENMS

Tot Ion	Ratio	Lower	Upper
70	100		
42	60.3	49.1	73.7
101	9.4	8.5	12.7
130	23.5	13.4	20.0

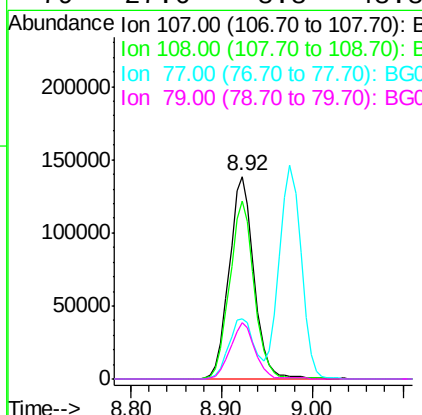
Manual Integrations
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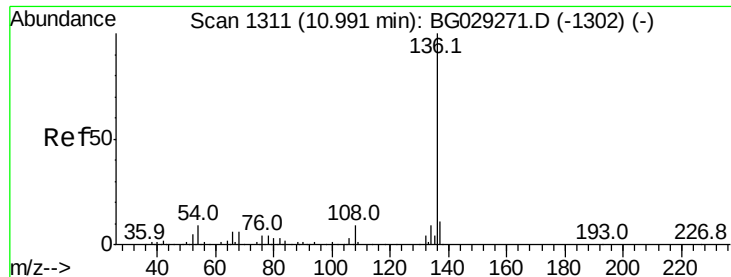
Sohil
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#20
3+4-Methylphenols
Concen: 50.554 ng
RT: 8.92 min Scan# 959
Delta R.T. -0.00 min
Lab File: BG030710.D
Acq: 3 Nov 2017 21:31

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.9	61.6	101.6
77	30.0	13.9	53.9
79	27.6	8.8	48.8





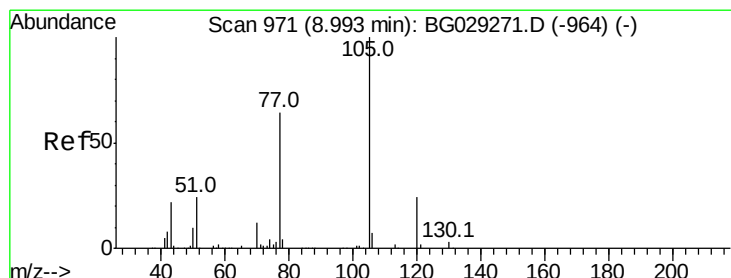
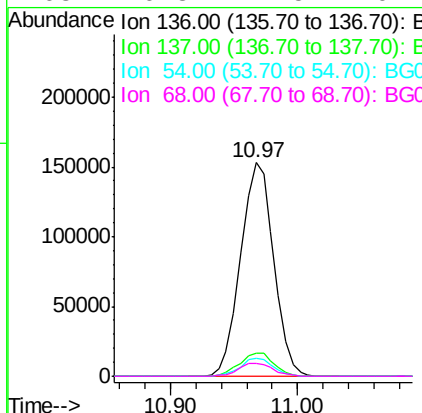
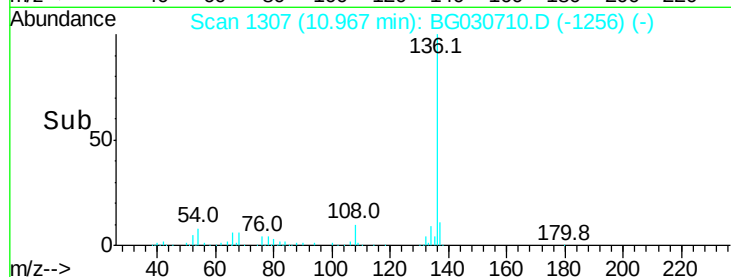
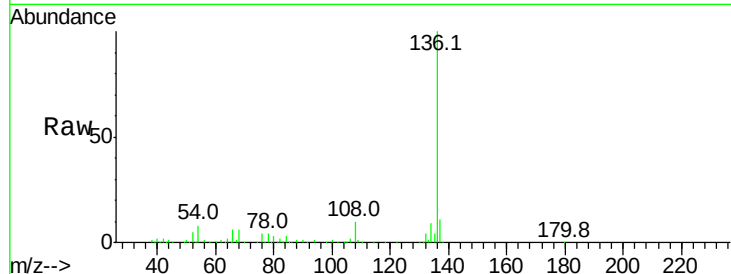
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BG030710.D
Acq: 3 Nov 2017 21:31

Instrument :
BNA_G
ClientSampleId :
LEONIA-GENMS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	276739		
137	10.6		9.2	13.8
54	8.2		10.3	15.5#
68	6.3		4.5	6.7

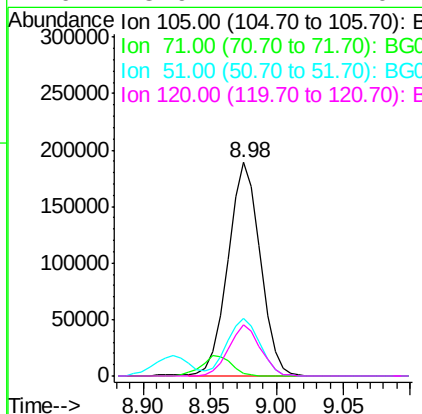
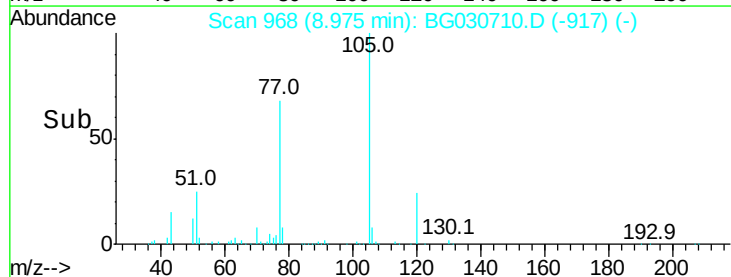
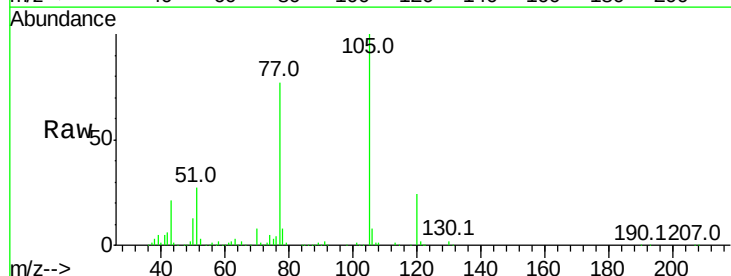
Manual Integrations
APPROVED

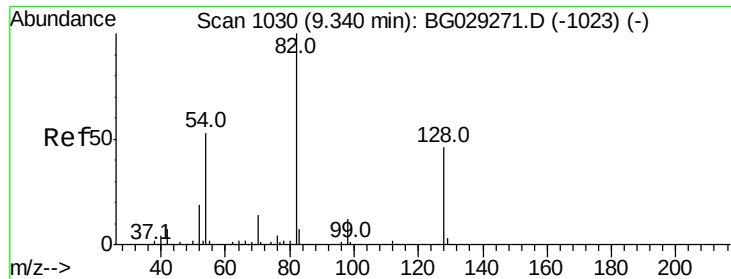
Sohil
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#22
Acetophenone
Concen: 47.672 ng
RT: 8.98 min Scan# 968
Delta R.T. -0.00 min
Lab File: BG030710.D
Acq: 3 Nov 2017 21:31

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	317936		
71	1.4		3.0	4.4#
51	26.8		26.1	39.1
120	23.9		17.4	26.2





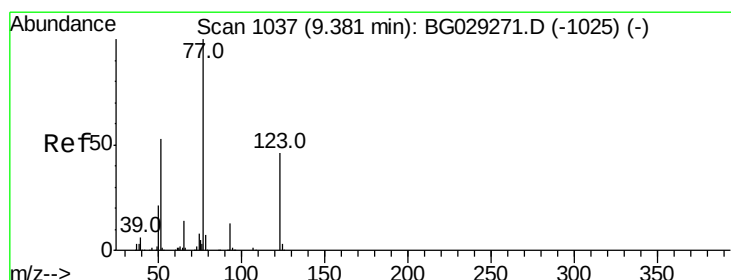
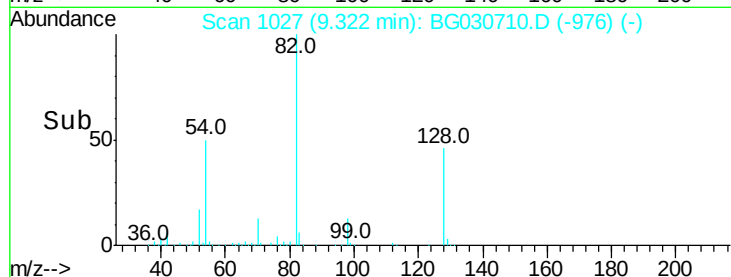
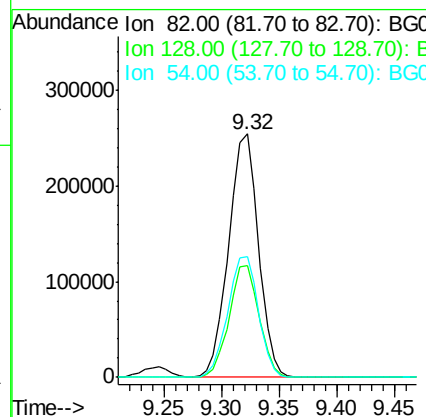
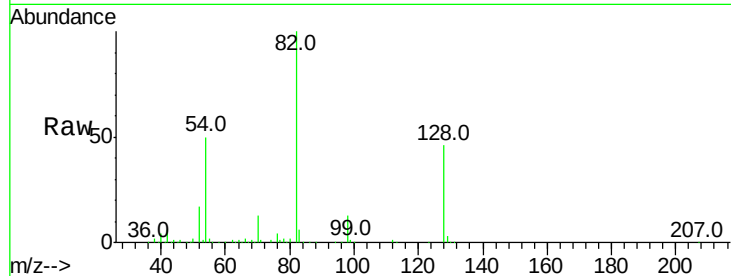
#23
 Nitrobenzene-d5
 Concen: 104.997 ng
 RT: 9.32 min Scan# 1027
 Delta R.T. -0.00 min
 Lab File: BG030710.D
 Acq: 3 Nov 2017 21:31

Instrument :
 BNA_G
 ClientSampleId :
 LEONIA-GENMS

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.1	29.7	44.5#
54	49.8	43.1	64.7

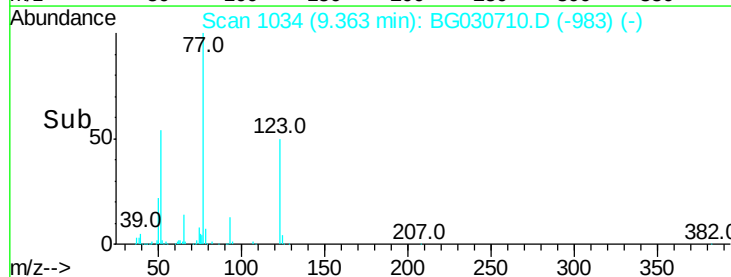
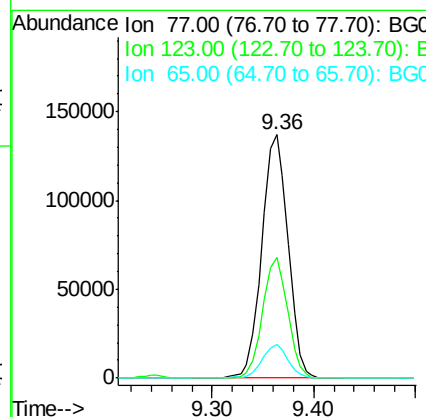
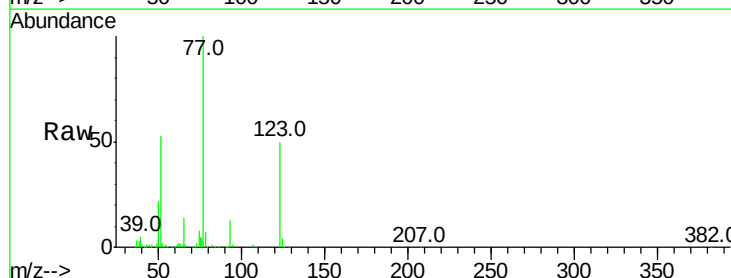
Manual Integrations
 APPROVED

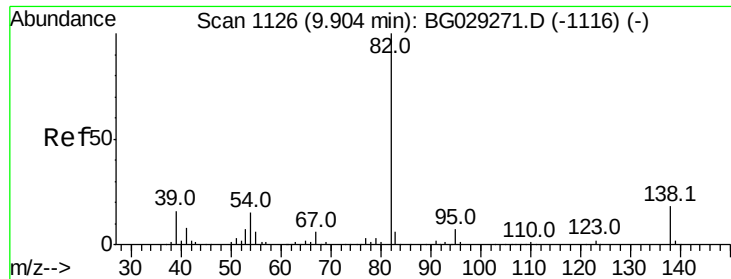
Sohil
 11/4/2017 2:21:38 PM



#24
 Nitrobenzene
 Concen: 50.127 ng
 RT: 9.36 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: BG030710.D
 Acq: 3 Nov 2017 21:31

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.8	33.0	49.6#
65	13.7	13.0	19.6





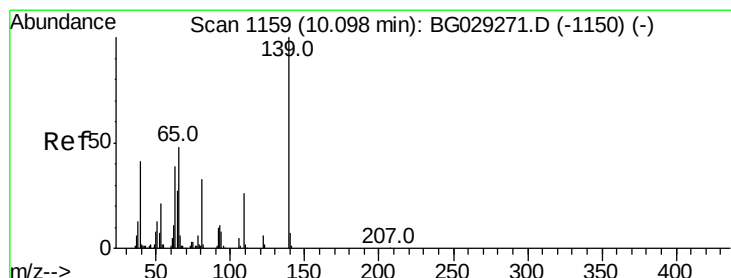
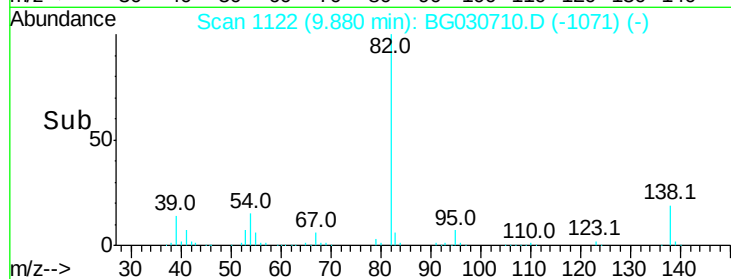
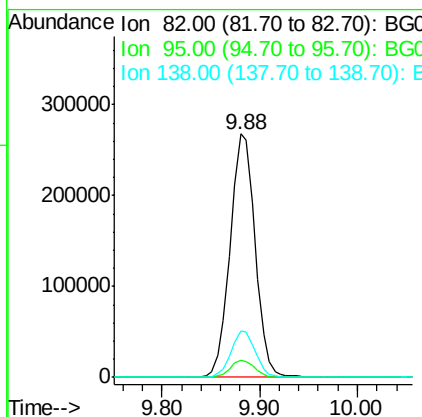
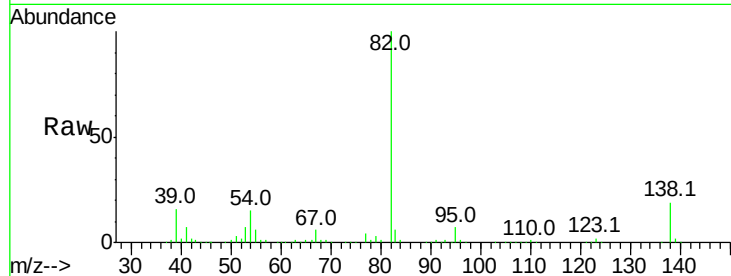
#25
Isophorone
Concen: 52.318 ng
RT: 9.88 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BG030710.D
Acq: 3 Nov 2017 21:31

Instrument :
BNA_G
ClientSampleId :
LEONIA-GENMS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	7.1	6.2	9.2	
138	18.9	12.1	18.1	

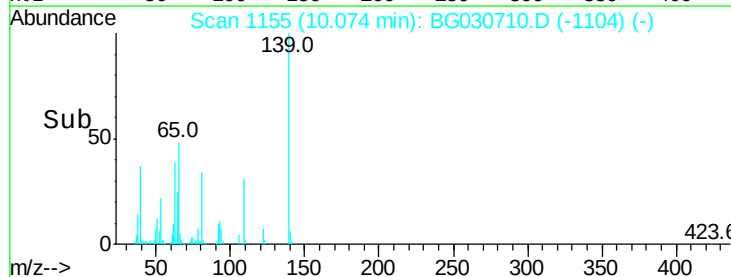
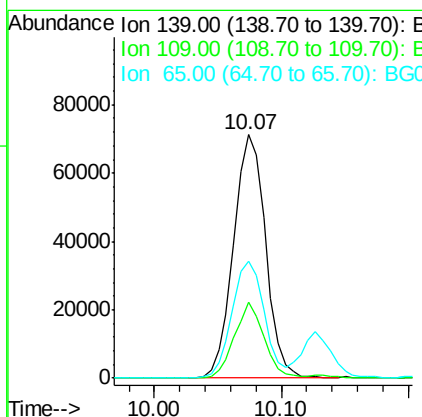
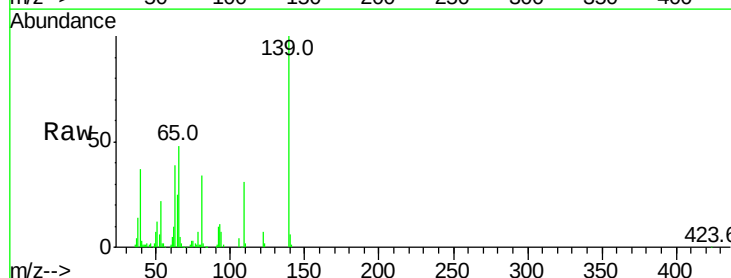
Manual Integrations
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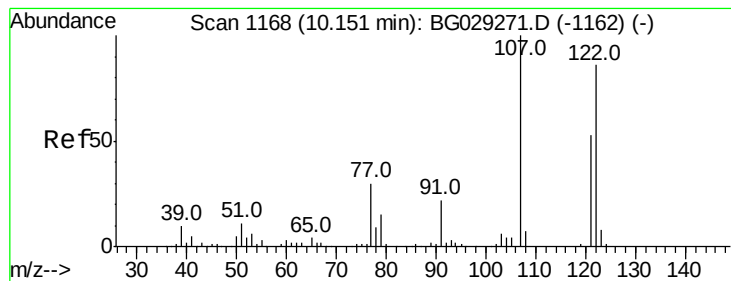
Sohil
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#26
2-Nitrophenol
Concen: 53.074 ng
RT: 10.07 min Scan# 1155
Delta R.T. -0.00 min
Lab File: BG030710.D
Acq: 3 Nov 2017 21:31

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	30.9	24.2	36.2	
65	47.9	47.4	71.0	





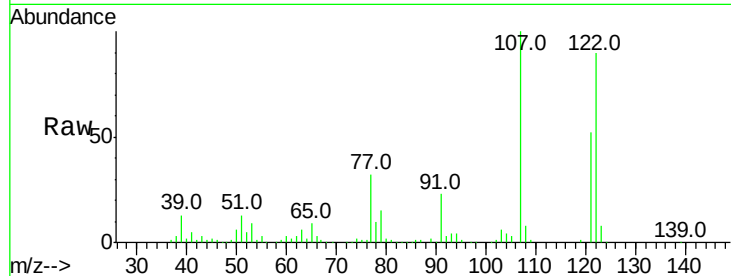
#27
2,4-Dimethylphenol
Concen: 51.848 ng
RT: 10.13 min Scan# 1164
Delta R.T. -0.00 min
Lab File: BG030710.D
Acq: 3 Nov 2017 21:31

Instrument :
BNA_G
ClientSampleId :
LEONIA-GENMS

Tot Ion	Ratio	Lower	Upper
122	100		
107	111.4	100.2	150.2
121	58.0	44.4	66.6

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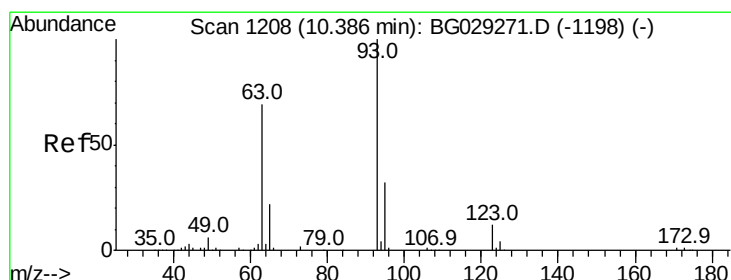
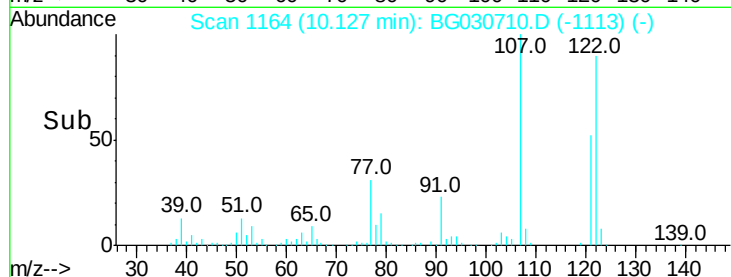
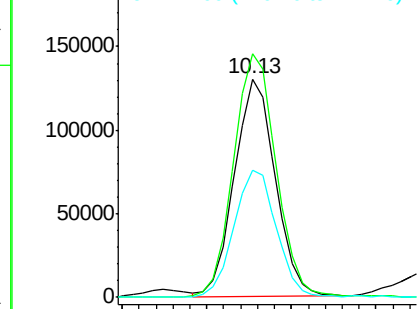


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 52.630 ng
RT: 10.36 min Scan# 1204
Delta R.T. -0.00 min
Lab File: BG030710.D
Acq: 3 Nov 2017 21:31

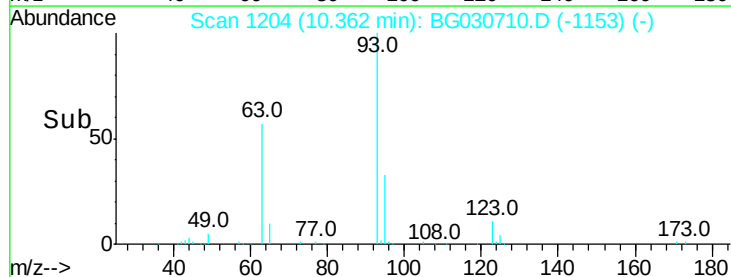
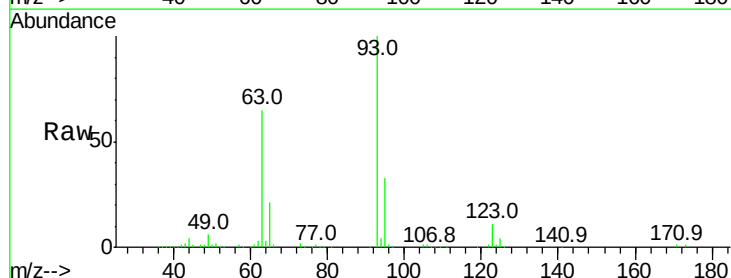
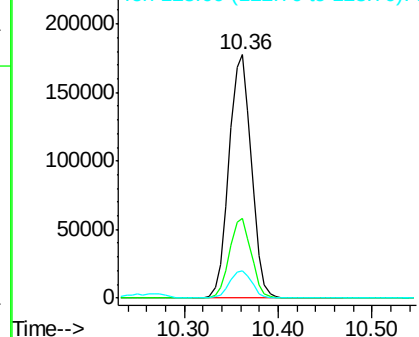
Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	24.3	36.5
123	11.4	8.4	12.6

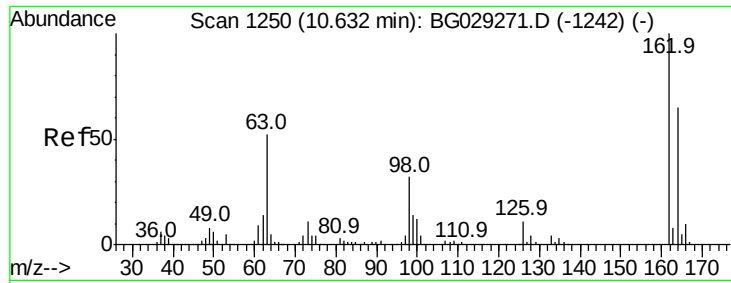
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





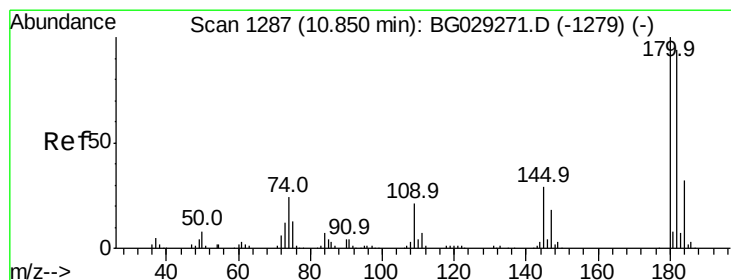
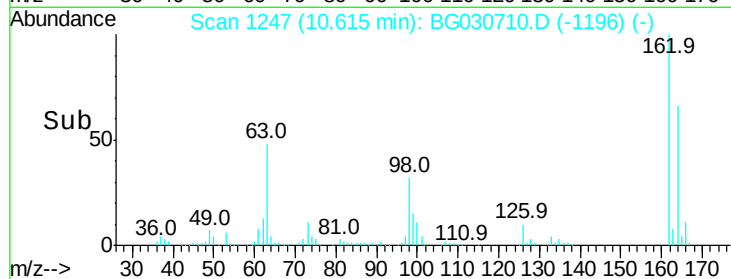
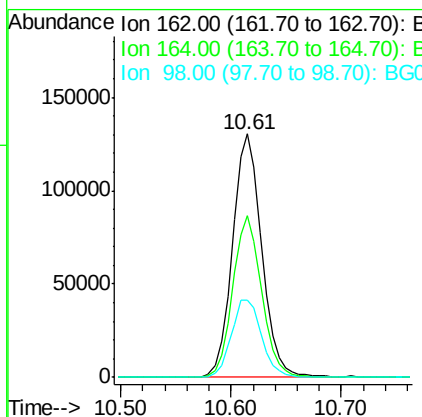
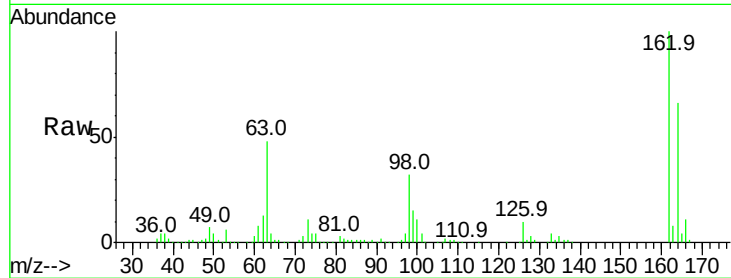
#29
 2,4-Dichlorophenol
 Concen: 53.656 ng
 RT: 10.61 min Scan# 1247
 Delta R.T. -0.00 min
 Lab File: BG030710.D
 Acq: 3 Nov 2017 21:31

Instrument :
 BNA_G
 ClientSampleId :
 LEONIA-GENMS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	242266		
164	66.2	48.0	88.0	
98	31.9	21.1	61.1	

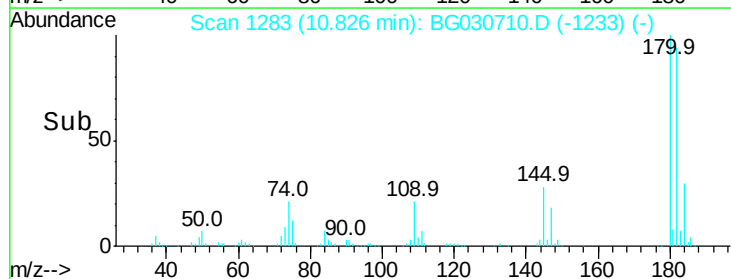
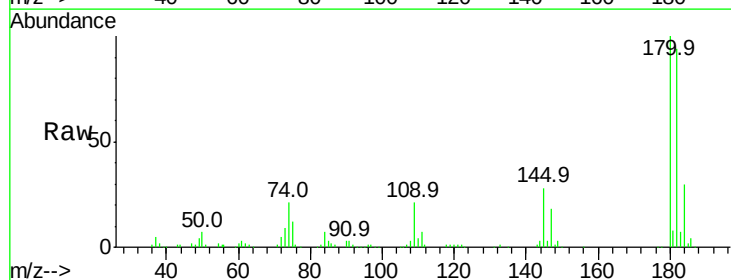
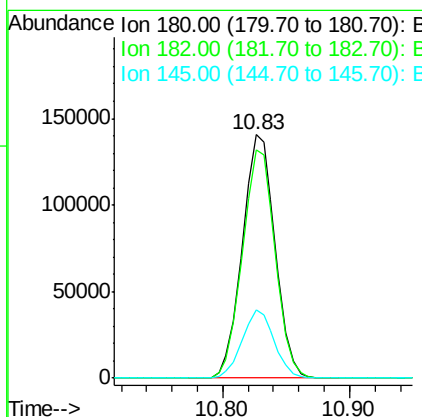
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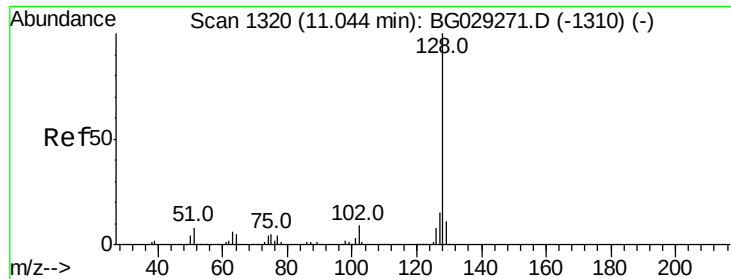
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#30
 1,2,4-Trichlorobenzene
 Concen: 51.374 ng
 RT: 10.83 min Scan# 1283
 Delta R.T. -0.01 min
 Lab File: BG030710.D
 Acq: 3 Nov 2017 21:31

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	250599		
182	93.7	77.5	116.3	
145	28.2	23.4	35.2	





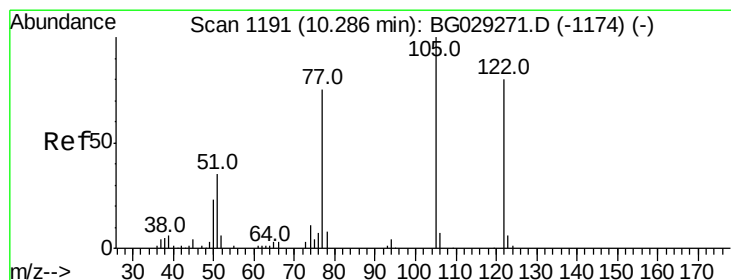
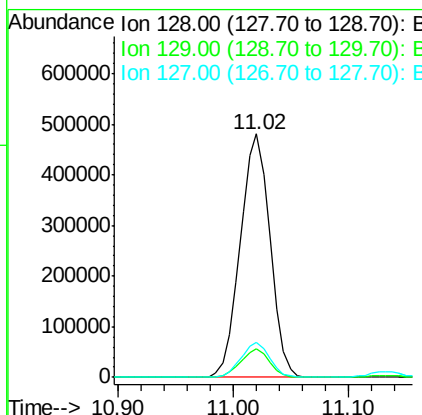
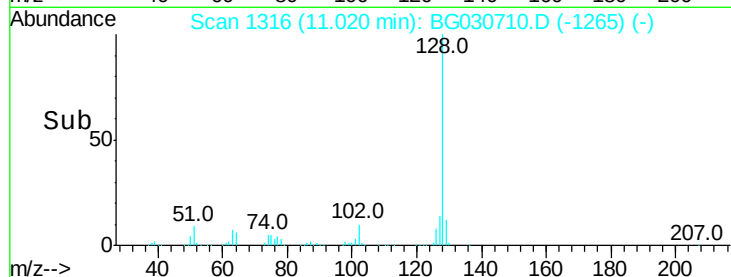
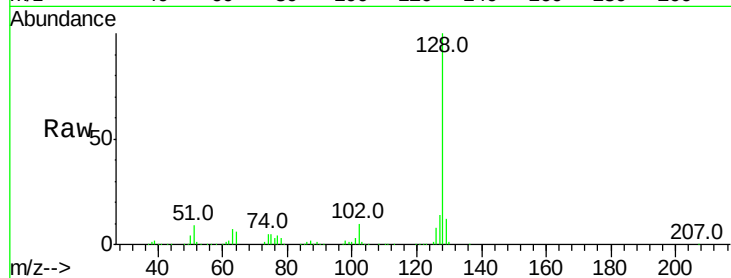
#31
Naphthalene
Concen: 62.403 ng
RT: 11.02 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BG030710.D
Acq: 3 Nov 2017 21:31

Instrument :
BNA_G
ClientSampleId :
LEONIA-GENMS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.8	8.6	12.8
127	14.1	11.6	17.4

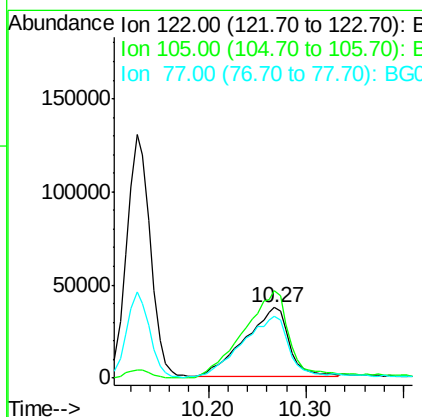
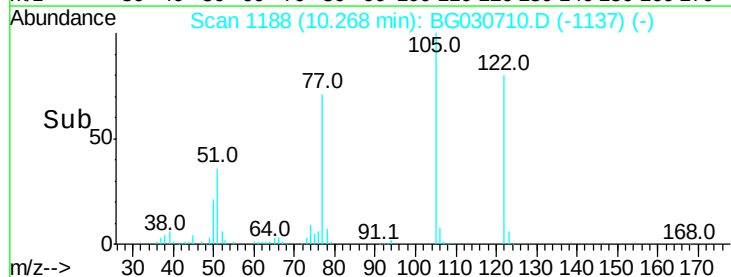
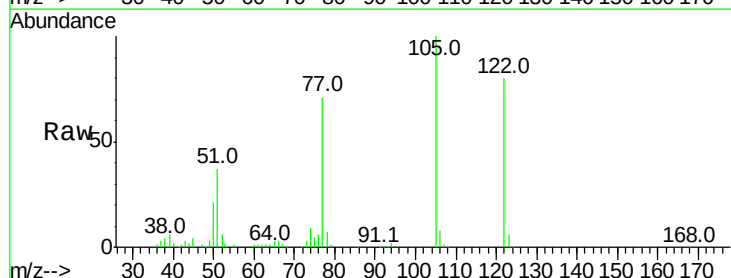
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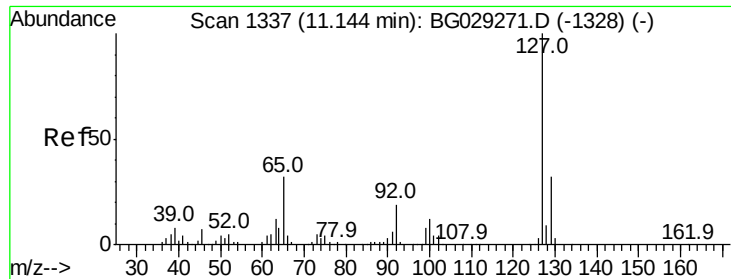
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#32
Benzoic acid
Concen: 33.483 ng
RT: 10.27 min Scan# 1188
Delta R.T. -0.00 min
Lab File: BG030710.D
Acq: 3 Nov 2017 21:31

Tgt Ion	Ratio	Lower	Upper
122	100		
105	124.3	123.5	163.5
77	88.6	85.7	125.7





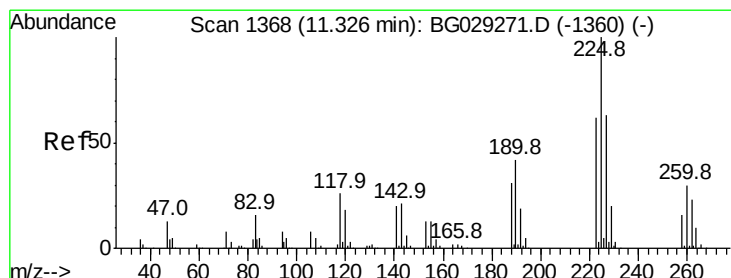
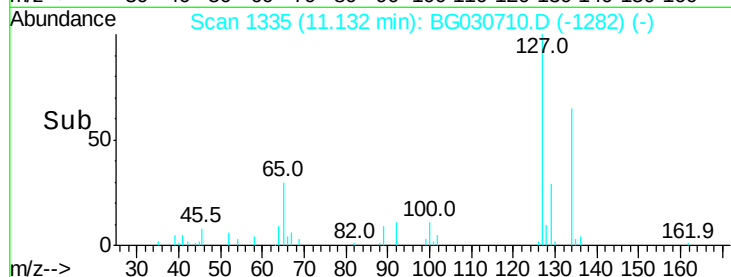
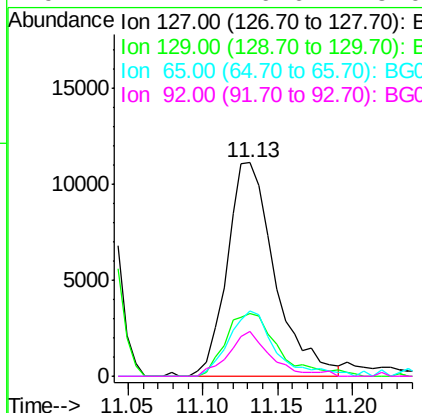
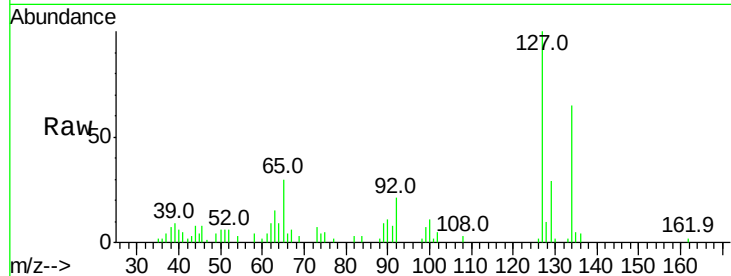
#33
4-Chloroaniline
Concen: 4.266 ng
RT: 11.13 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BG030710.D
Acq: 3 Nov 2017 21:31

Instrument :
BNA_G
ClientSampleId :
LEONIA-GENMS

Tot Ion	Ratio	Lower	Upper
127	100		
129	29.1	24.0	36.0
65	30.3	27.0	40.4
92	21.2	16.6	25.0

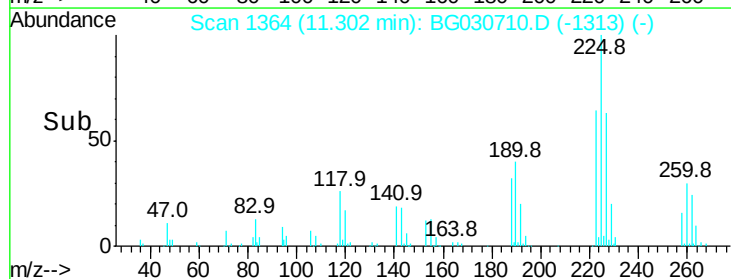
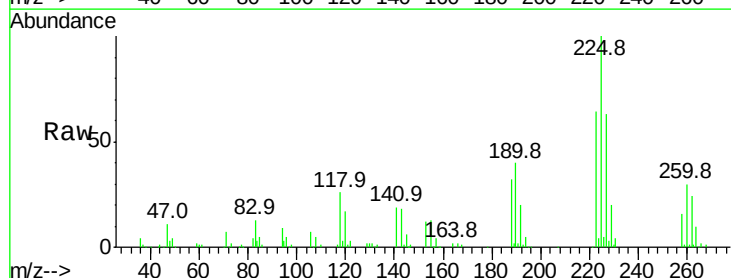
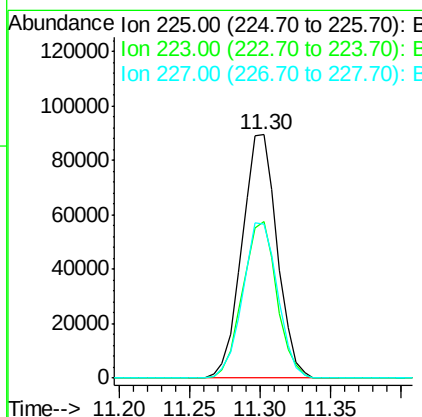
Manual Integrations
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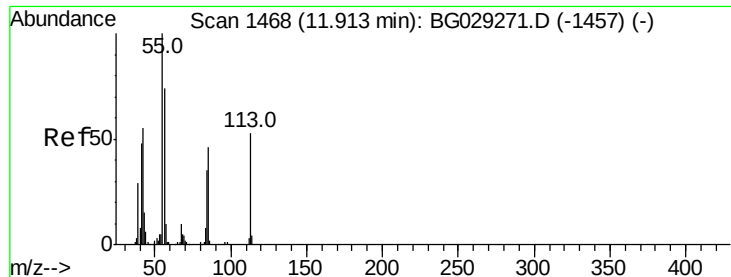
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#34
Hexachlorobutadiene
Concen: 51.489 ng
RT: 11.30 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BG030710.D
Acq: 3 Nov 2017 21:31

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.1	49.7	74.5
227	63.5	48.1	72.1





#35

Caprolactam

Concen: 46.716 ng/ml

RT: 11.90 min Scan# 1465

Delta R.T. 0.01 min

Lab File: BG030710.D

Acq: 3 Nov 2017 21:31

Instrument :

BNA_G

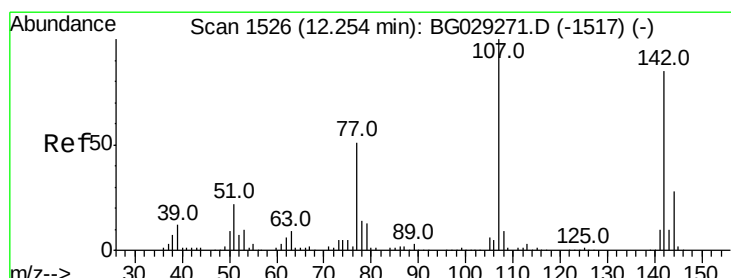
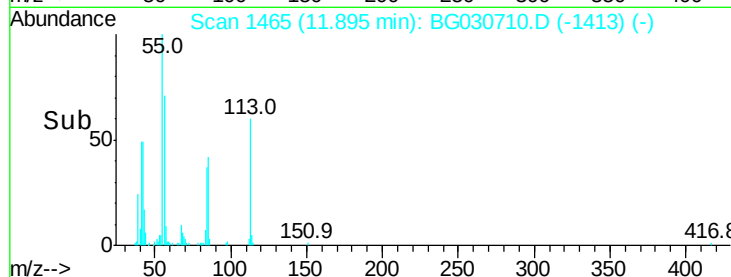
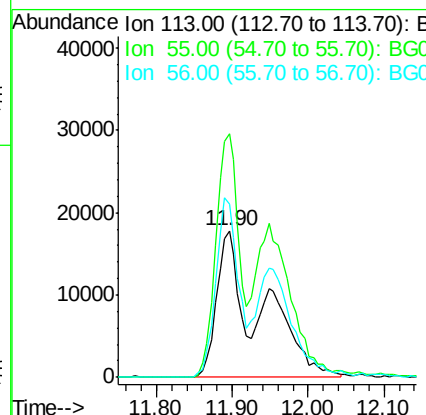
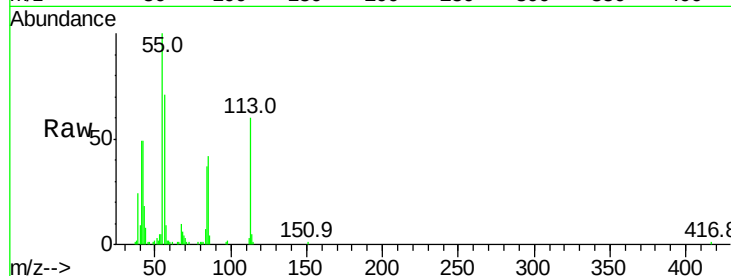
ClientSampleId :

LEONIA-GENMS

Tot Ion:	113	Resp:	70101
Ion Ratio	Lower	Upper	
113	100		
55	165.9	186.9	226.9#
56	118.0	130.9	170.9#

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 50.761 ng/ml

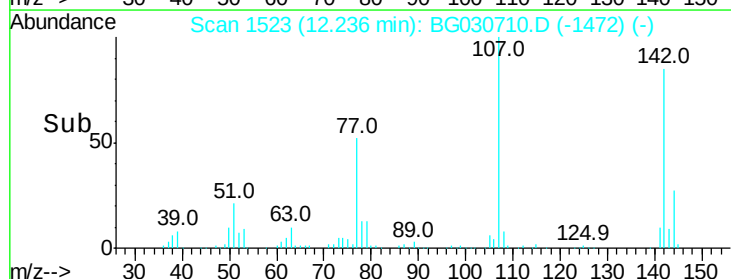
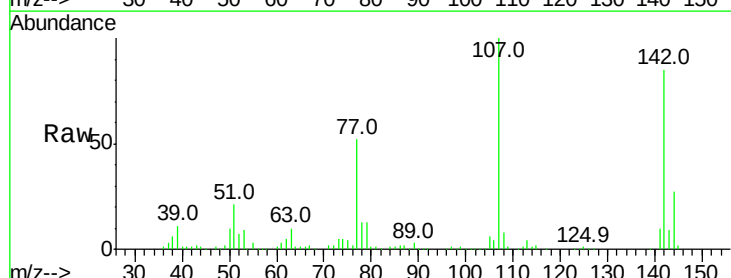
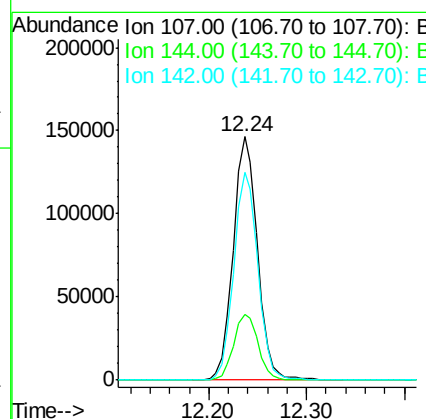
RT: 12.24 min Scan# 1523

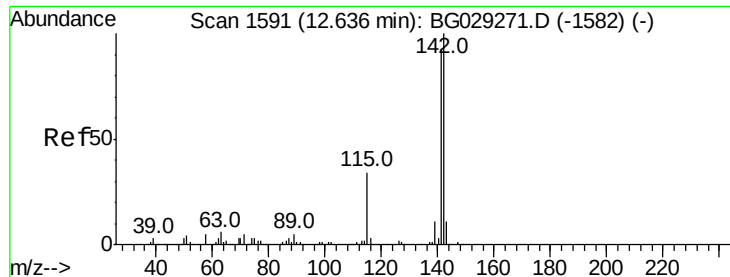
Delta R.T. -0.00 min

Lab File: BG030710.D

Acq: 3 Nov 2017 21:31

Tgt Ion:	107	Resp:	252077
Ion Ratio	Lower	Upper	
107	100		
144	27.1	18.2	27.4
142	85.5	59.0	88.4





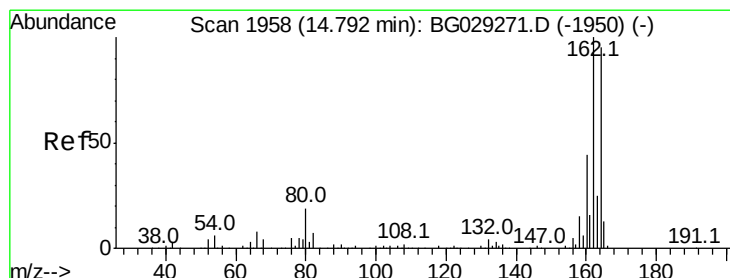
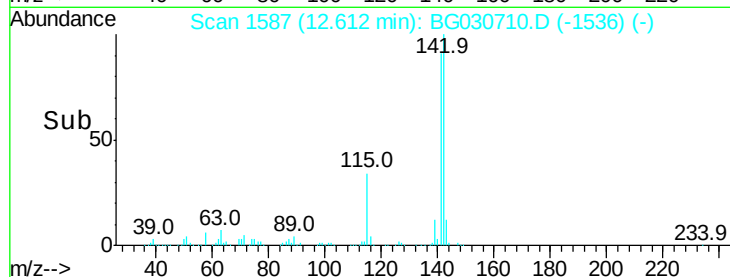
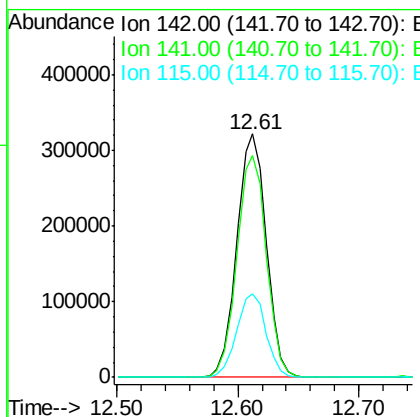
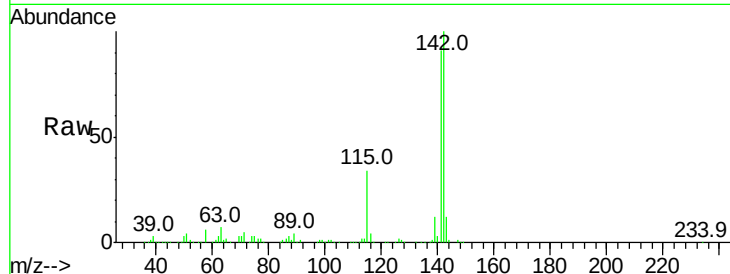
#37
2-Methylnaphthalene
Concen: 54.314 ng
RT: 12.61 min Scan# 1587
Delta R.T. -0.00 min
Lab File: BG030710.D
Acq: 3 Nov 2017 21:31

Instrument :
BNA_G
ClientSampleId :
LEONIA-GENMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.2	67.1	100.7
115	34.4	30.7	46.1

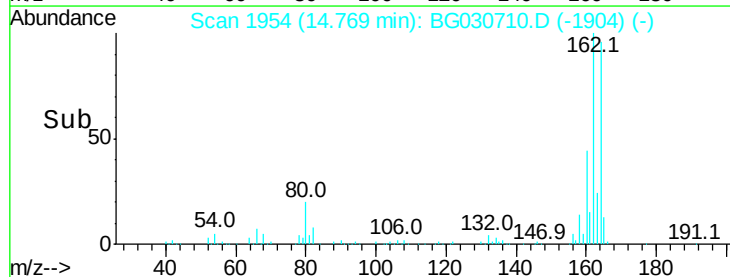
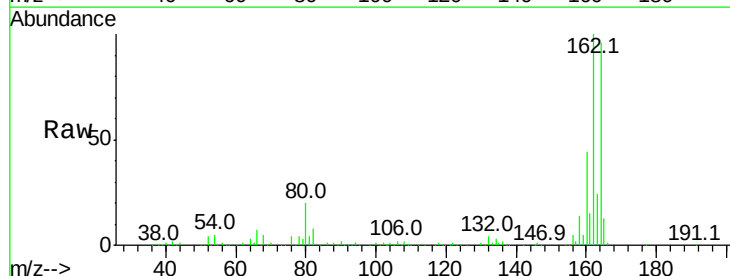
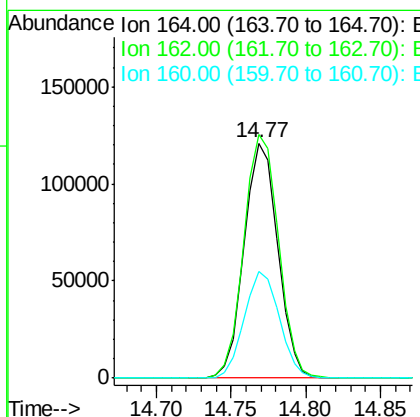
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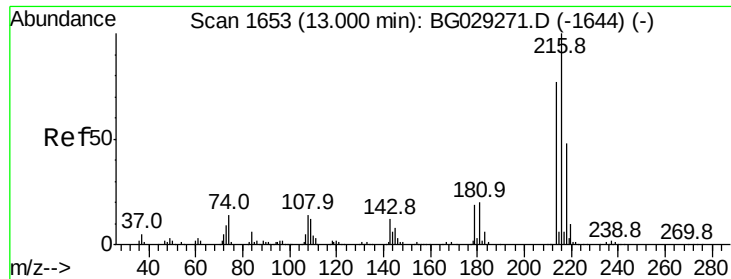
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1954
Delta R.T. -0.01 min
Lab File: BG030710.D
Acq: 3 Nov 2017 21:31

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.7	78.8	118.2
160	45.2	35.4	53.0





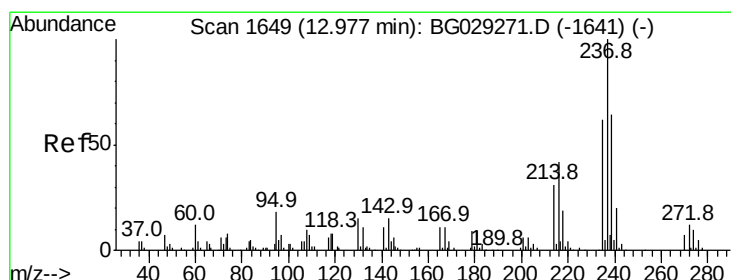
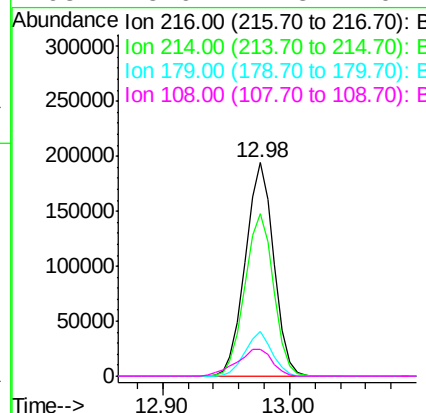
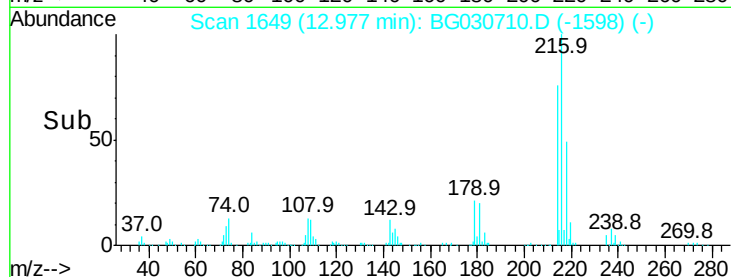
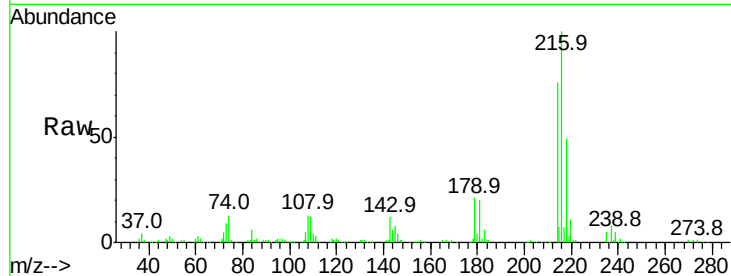
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.821 ng
 RT: 12.98 min Scan# 1649
 Delta R.T. -0.00 min
 Lab File: BG030710.D
 Acq: 3 Nov 2017 21:31

Instrument :
 BNA_G
 ClientSampleId :
 LEONIA-GENMS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	76.8	63.0	94.4
179	19.8	17.0	25.6
108	15.9	12.8	19.2

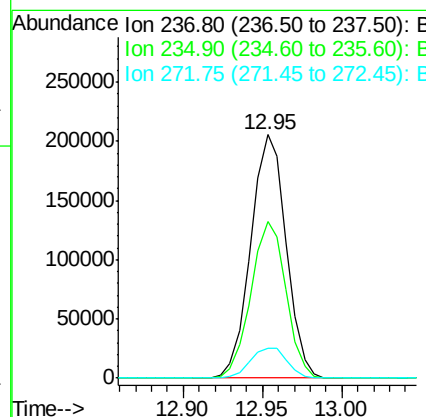
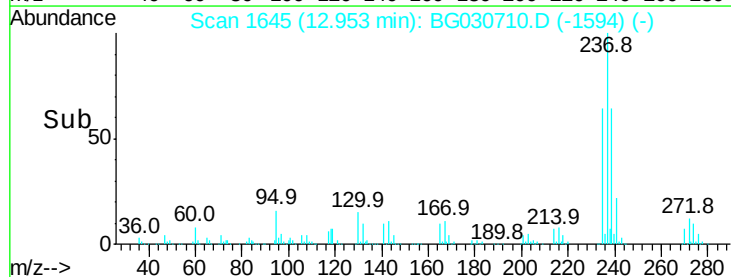
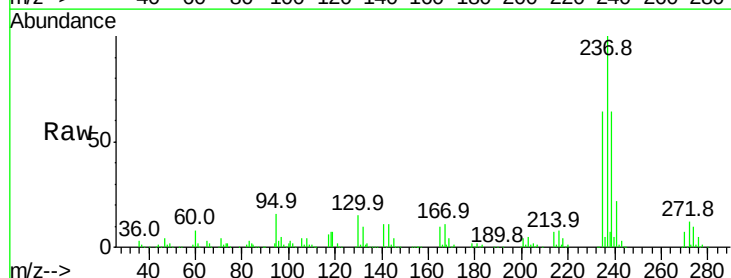
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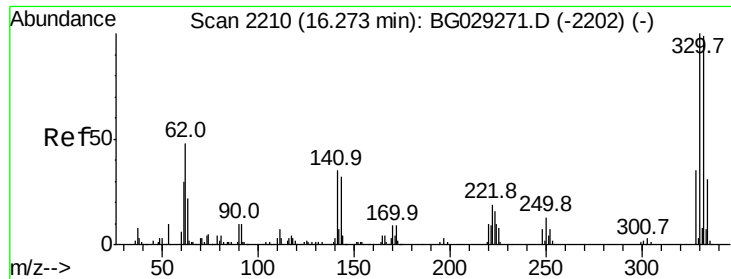
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#40
 Hexachlorocyclopentadiene
 Concen: 119.778 ng
 RT: 12.95 min Scan# 1645
 Delta R.T. -0.00 min
 Lab File: BG030710.D
 Acq: 3 Nov 2017 21:31

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	64.5	50.4	90.4
272	12.5	0.0	31.8





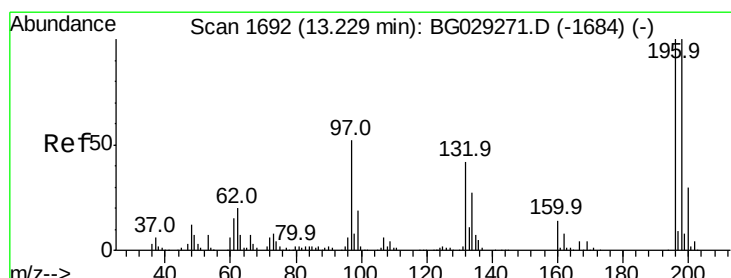
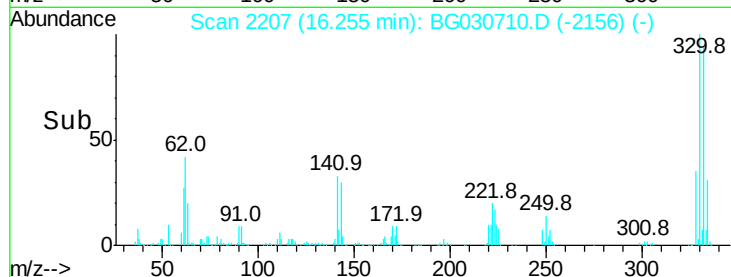
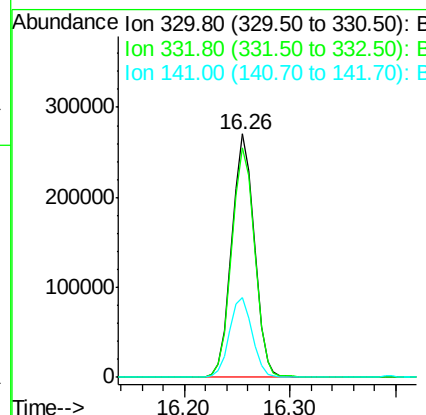
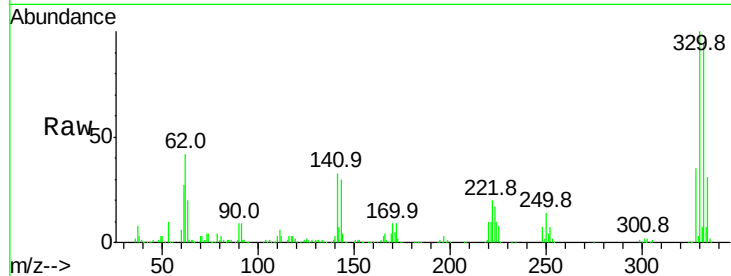
#41
 2,4,6-Tribromophenol
 Concen: 164.541 ng
 RT: 16.26 min Scan# 2207
 Delta R.T. -0.00 min
 Lab File: BG030710.D
 Acq: 3 Nov 2017 21:31

Instrument :
 BNA_G
 ClientSampleId :
 LEONIA-GENMS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	400418		
332	95.9	77.0	115.6	
141	33.3	25.2	37.8	

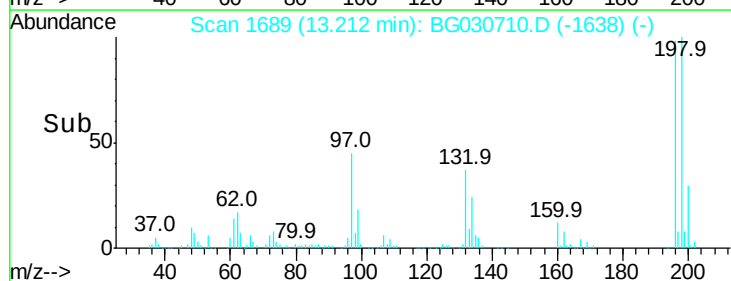
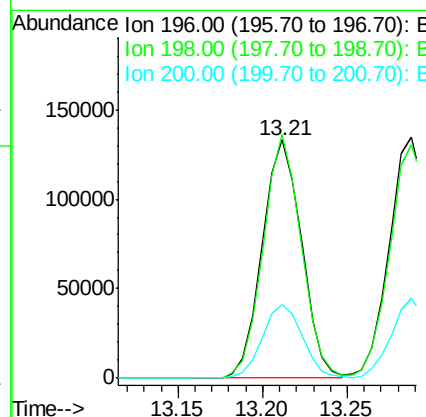
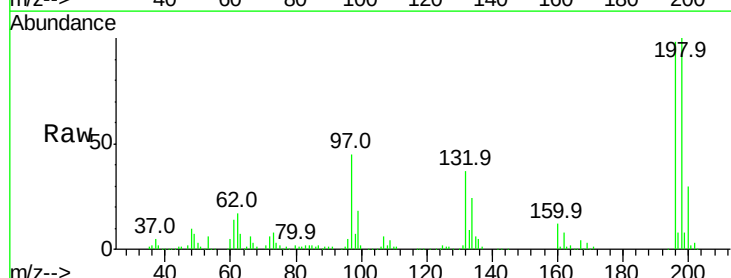
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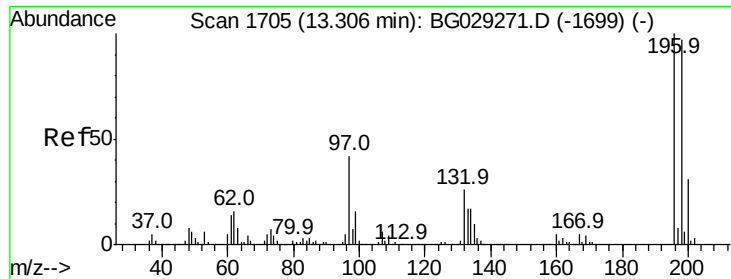
Sohil
 11/4/2017 2:21:38 PM



#42
 2,4,6-Trichlorophenol
 Concen: 49.660 ng
 RT: 13.21 min Scan# 1689
 Delta R.T. -0.00 min
 Lab File: BG030710.D
 Acq: 3 Nov 2017 21:31

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	214531		
198	102.1	78.2	117.2	
200	30.8	24.6	36.8	





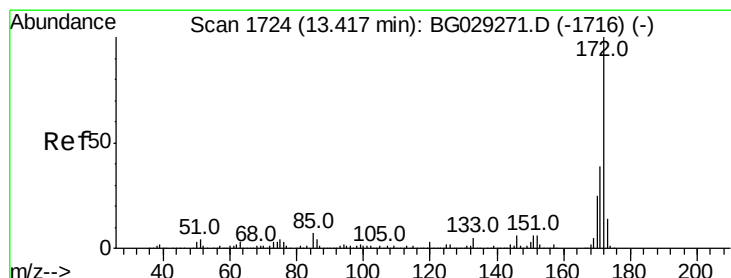
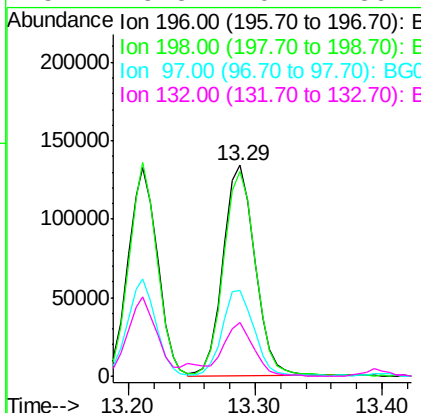
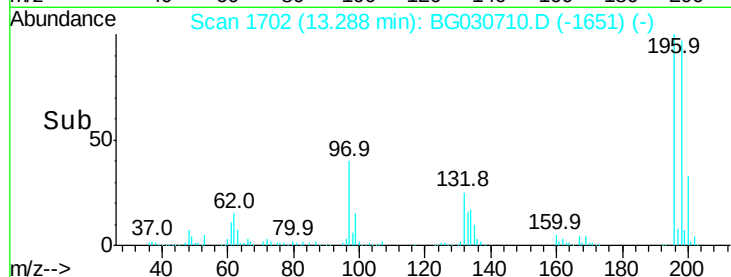
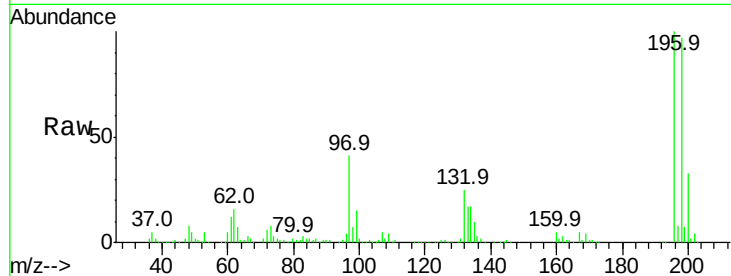
#43
 2,4,5-Trichlorophenol
 Concen: 52.526 ng
 RT: 13.29 min Scan# 1702
 Delta R.T. -0.00 min
 Lab File: BG030710.D
 Acq: 3 Nov 2017 21:31

Instrument :
 BNA_G
 ClientSampleId :
 LEONIA-GENMS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	233035		
198	96.8	76.2	114.4	
97	40.8	38.7	58.1	
132	25.3	20.2	30.2	

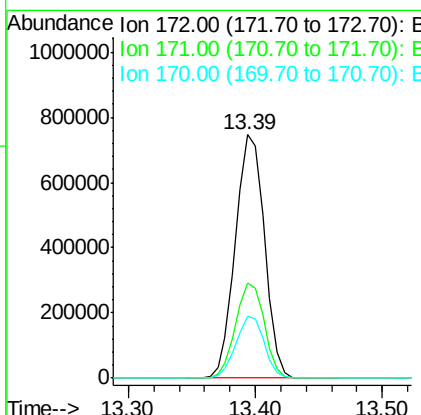
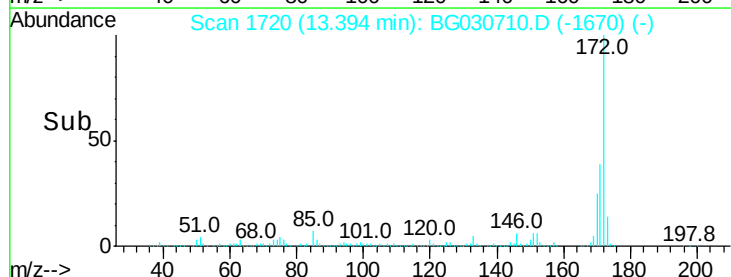
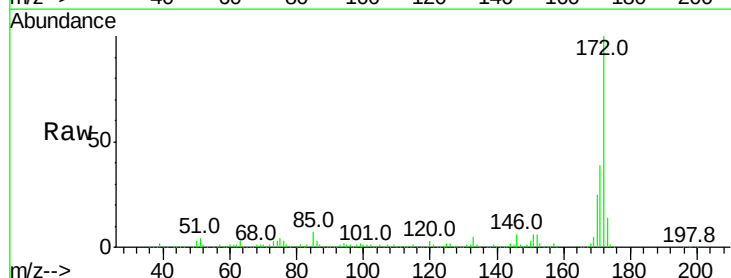
Manual Integrations
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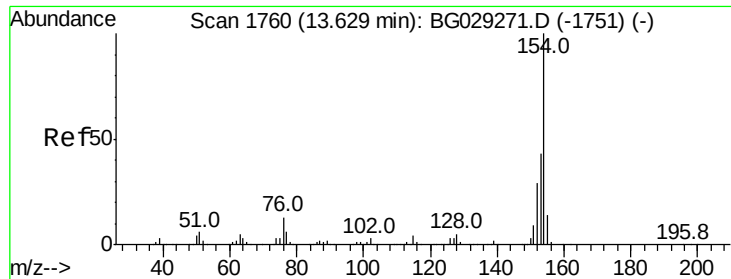
Sohil
 11/4/2017 2:21:38 PM



#44
 2-Fluorobiphenyl
 Concen: 92.351 ng
 RT: 13.39 min Scan# 1720
 Delta R.T. -0.01 min
 Lab File: BG030710.D
 Acq: 3 Nov 2017 21:31

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1186844		
171	39.0	30.0	45.0	
170	25.5	19.5	29.3	





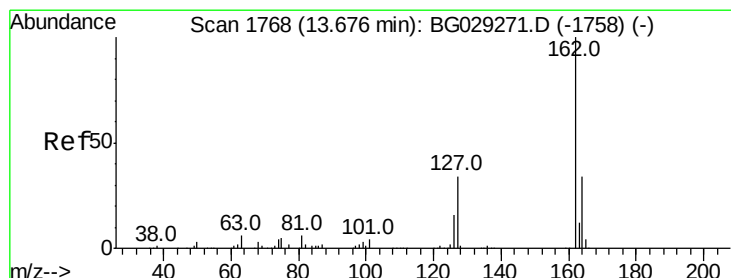
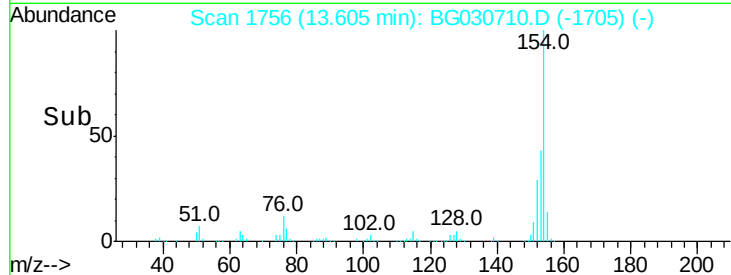
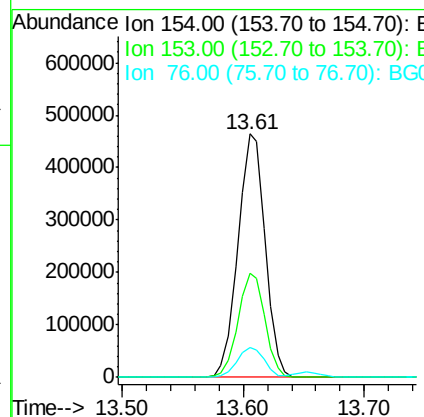
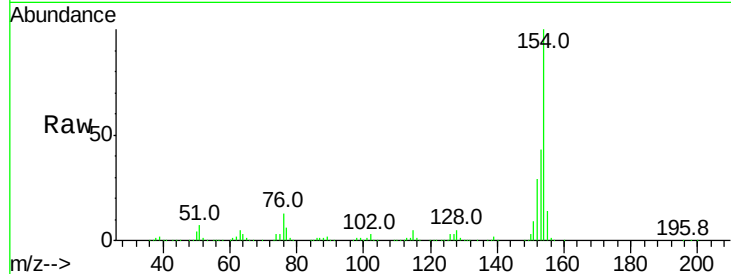
#45
 1,1'-Biphenyl
 Concen: 44.821 ng
 RT: 13.61 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: BG030710.D
 Acq: 3 Nov 2017 21:31

Instrument :
 BNA_G
 ClientSampleId :
 LEONIA-GENMS

Tot Ion	Ratio	Lower	Upper
154	100		
153	42.6	19.8	59.8
76	12.5	0.0	31.9

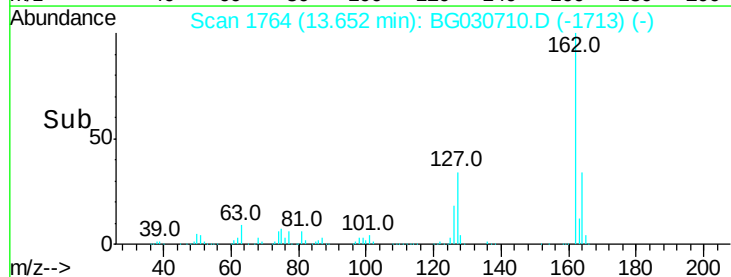
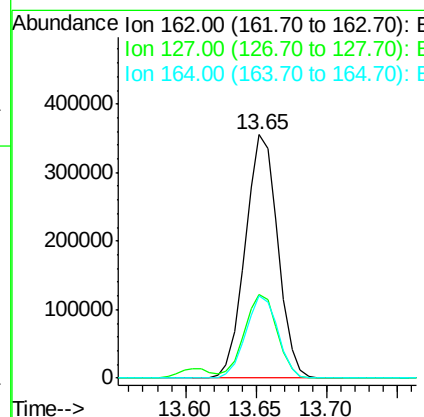
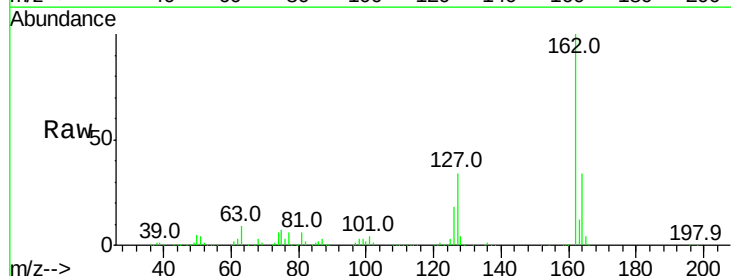
Manual Integrations
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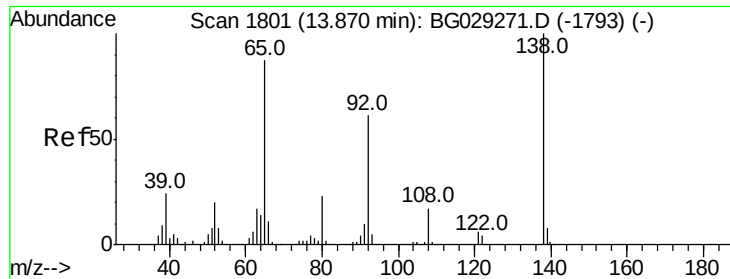
Sohil
 11/4/2017 2:21:38 PM



#46
 2-Chloronaphthalene
 Concen: 48.480 ng
 RT: 13.65 min Scan# 1764
 Delta R.T. -0.00 min
 Lab File: BG030710.D
 Acq: 3 Nov 2017 21:31

Tgt Ion	Ratio	Lower	Upper
162	100		
127	34.3	30.7	46.1
164	33.8	26.0	39.0





#47

2-Nitroaniline

Concen: 53.331 ng

RT: 13.85 min Scan# 1798

Delta R.T. -0.00 min

Lab File: BG030710.D

Acq: 3 Nov 2017 21:31

Instrument :

BNA_G

ClientSampleId :

LEONIA-GENMS

Tot Ion: 65 Resp: 173104

Ion Ratio Lower Upper

65 100

92 74.6 54.6 82.0

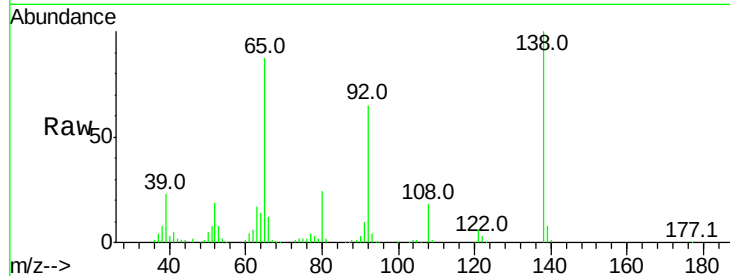
138 115.6 72.9 109.3#

Manual Integrations

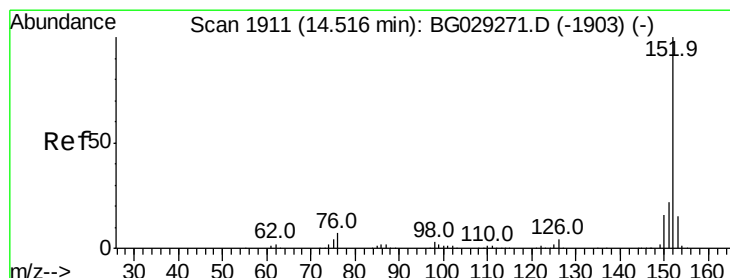
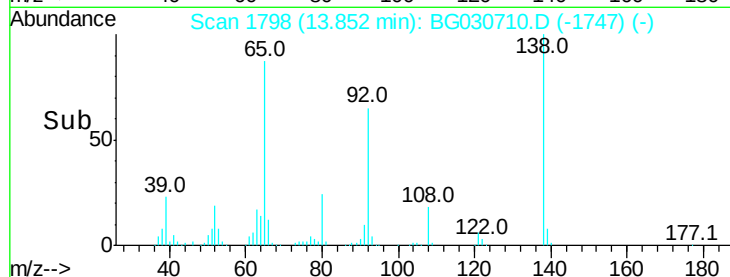
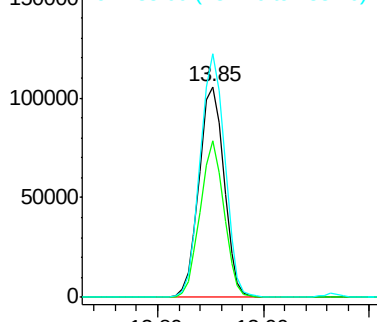
APPROVED

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11/4/2017 2:21:38 PM



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#48

Acenaphthylene

Concen: 49.147 ng

RT: 14.50 min Scan# 1908

Delta R.T. -0.00 min

Lab File: BG030710.D

Acq: 3 Nov 2017 21:31

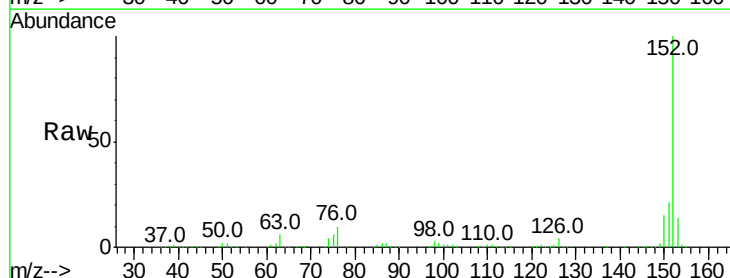
Tgt Ion: 152 Resp: 908954

Ion Ratio Lower Upper

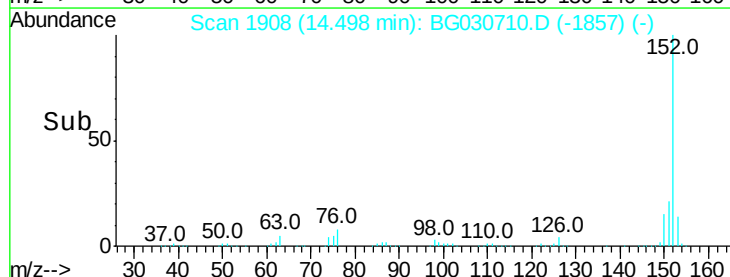
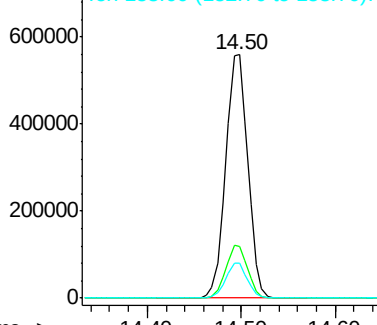
152 100

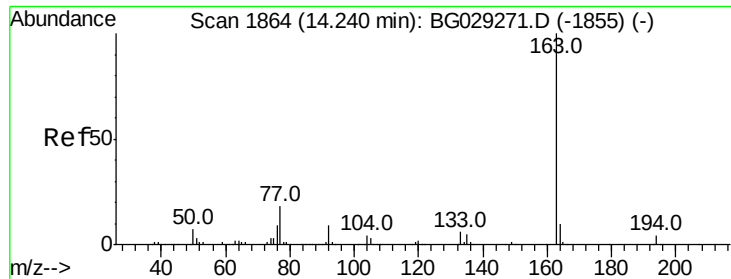
151 21.5 17.2 25.8

153 14.1 10.2 15.4



Abundance Ion 152.00 (151.70 to 152.70): BGC
Ion 151.00 (150.70 to 151.70): BGC
Ion 153.00 (152.70 to 153.70): BGC





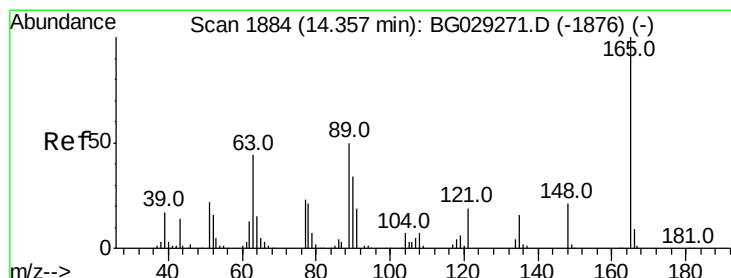
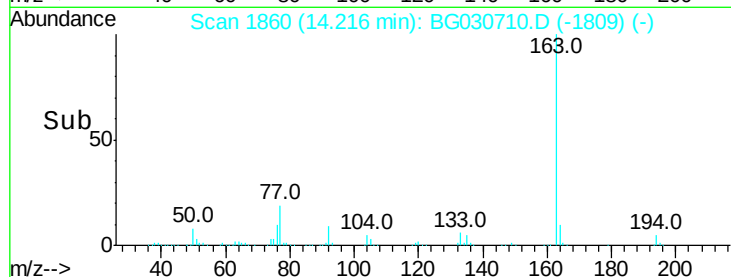
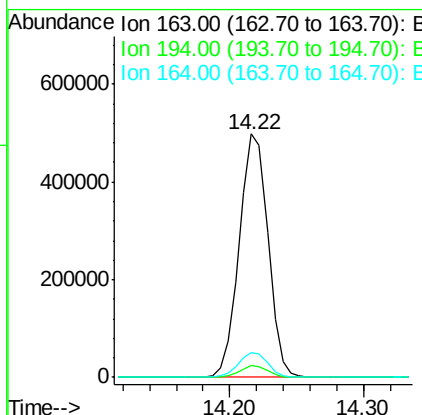
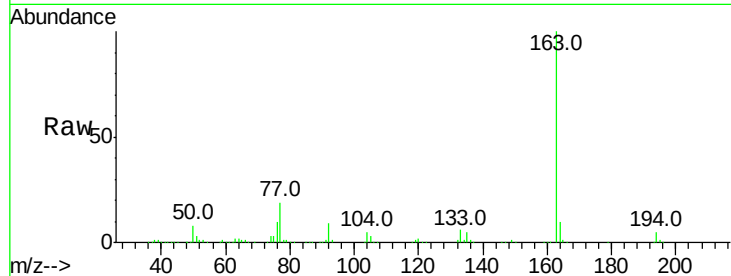
#49
Dimethylphthalate
Concen: 50.532 ng
RT: 14.22 min Scan# 1860
Delta R.T. -0.00 min
Lab File: BG030710.D
Acq: 3 Nov 2017 21:31

Instrument :
BNA_G
ClientSampleId :
LEONIA-GENMS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	743142		
194	4.7	3.4	5.2	
164	10.4	8.2	12.4	

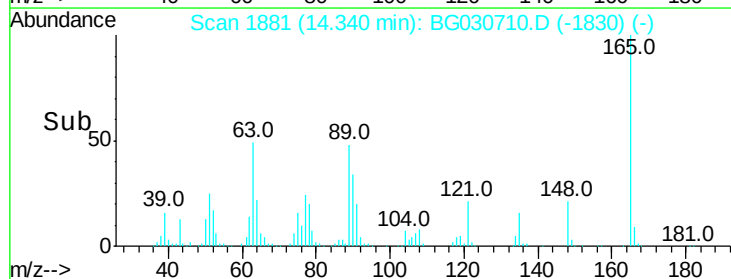
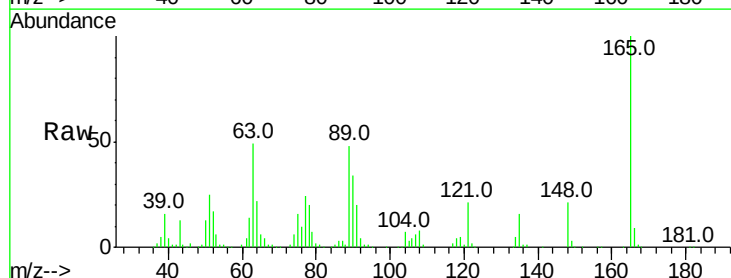
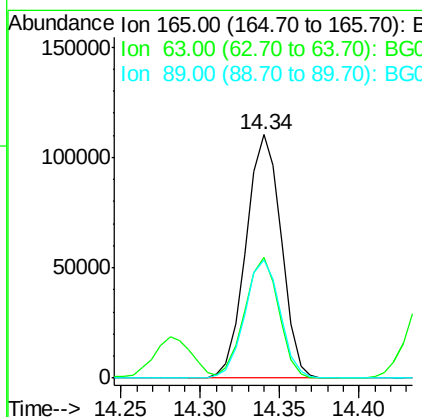
Manual Integrations
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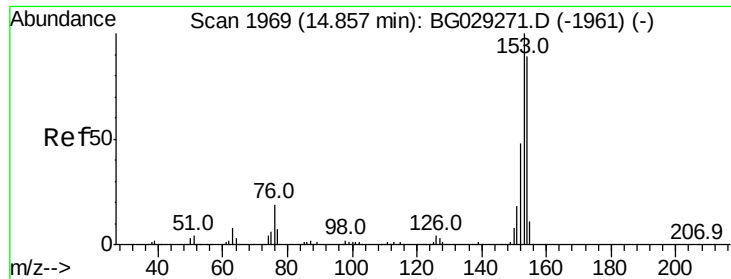
Sohil
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#50
2,6-Dinitrotoluene
Concen: 55.244 ng
RT: 14.34 min Scan# 1881
Delta R.T. -0.00 min
Lab File: BG030710.D
Acq: 3 Nov 2017 21:31

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	170310		
63	49.5	52.7	79.1#	
89	48.4	49.2	73.8#	





#51

Acenaphthene

Concen: 47.019 ng

RT: 14.83 min Scan# 1965

Delta R.T. -0.00 min

Lab File: BG030710.D

Acq: 3 Nov 2017 21:31

Instrument :

BNA_G

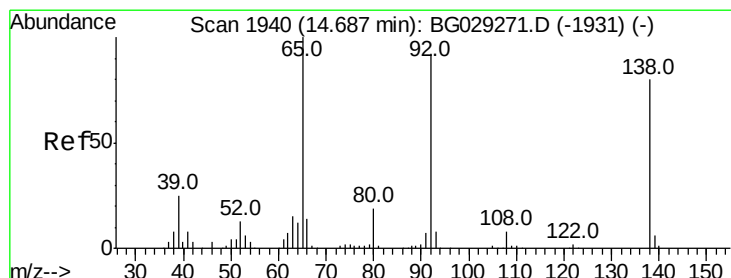
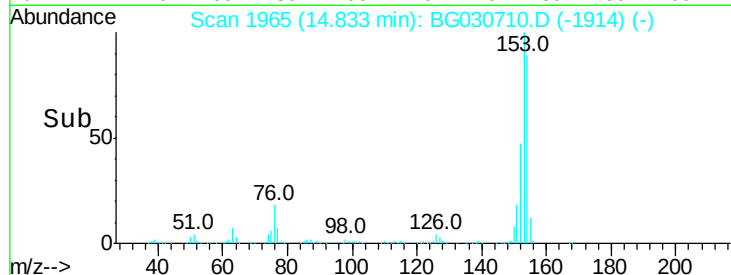
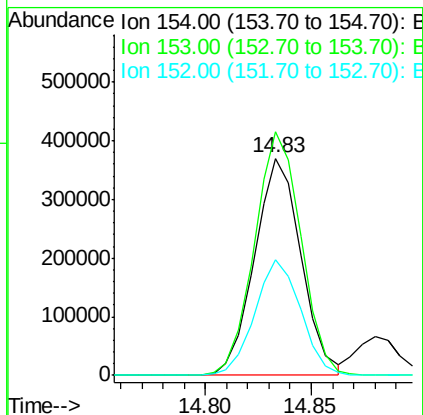
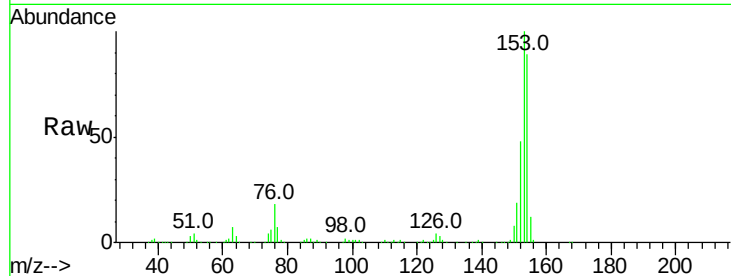
ClientSampleId :

LEONIA-GENMS

Tot Ion:	154	Resp:	565793
Ion Ratio	Lower	Upper	
154	100		
153	112.2	90.4	135.6
152	53.5	41.6	62.4

Manual Integrations
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#52

3-Nitroaniline

Concen: 21.054 ng

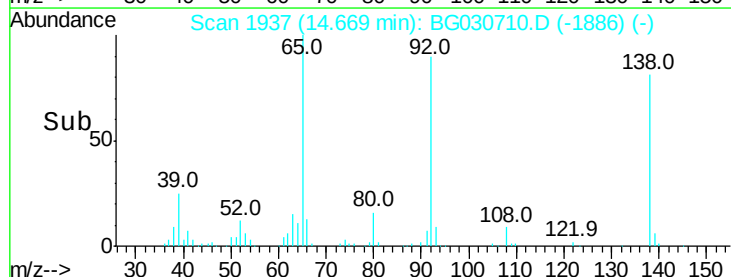
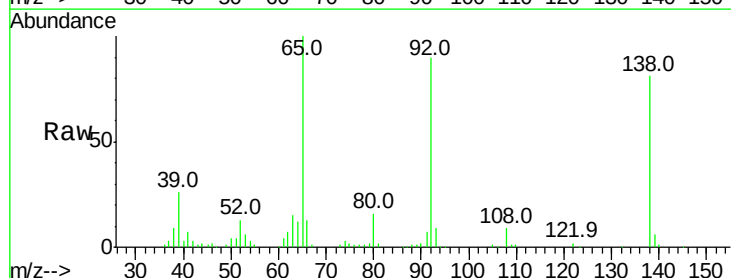
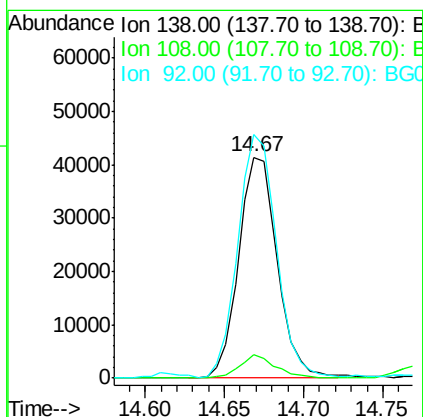
RT: 14.67 min Scan# 1937

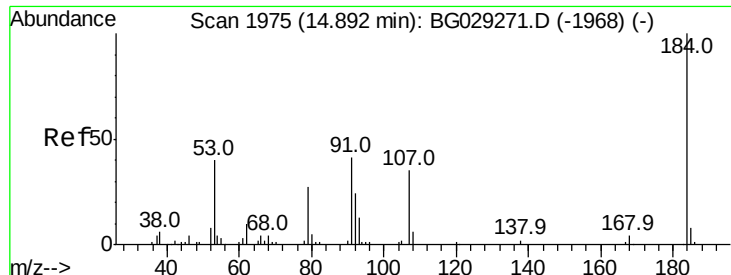
Delta R.T. -0.00 min

Lab File: BG030710.D

Acq: 3 Nov 2017 21:31

Tgt Ion:	138	Resp:	70039
Ion Ratio	Lower	Upper	
138	100		
108	10.5	17.5	26.3#
92	110.2	105.8	158.8





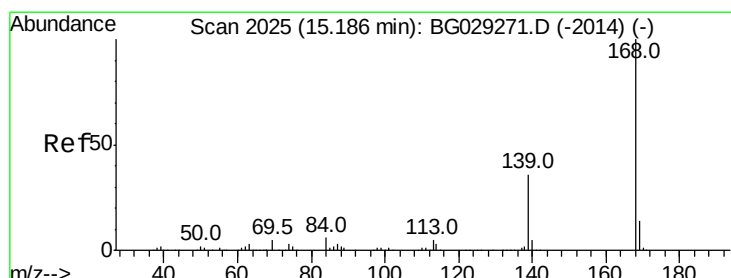
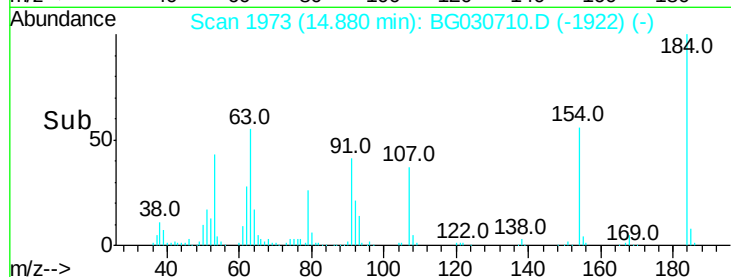
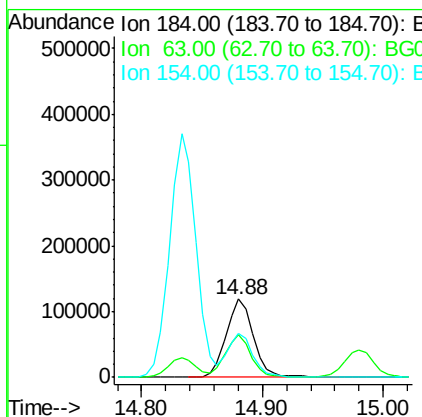
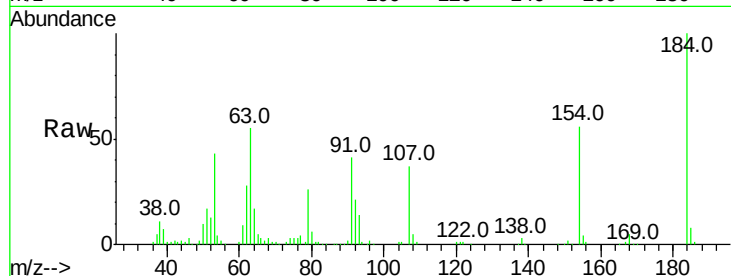
#53
 2,4-Dinitrophenol
 Concen: 107.526 ng
 RT: 14.88 min Scan# 1973
 Delta R.T. -0.00 min
 Lab File: BG030710.D
 Acq: 3 Nov 2017 21:31

Instrument :
 BNA_G
 ClientSampleId :
 LEONIA-GENMS

Tot Ion	Ratio	Lower	Upper
184	100		
63	55.0	59.8	89.8#
154	56.2	101.8	152.8#

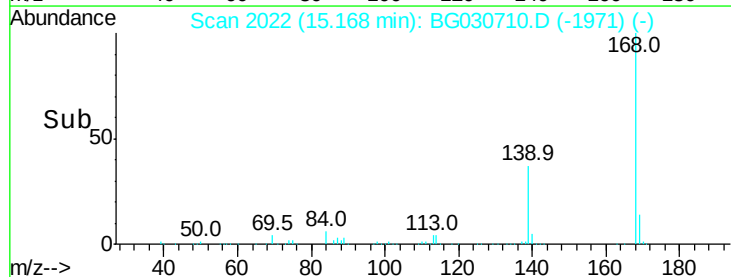
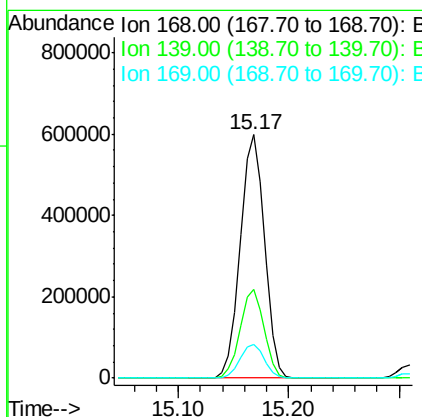
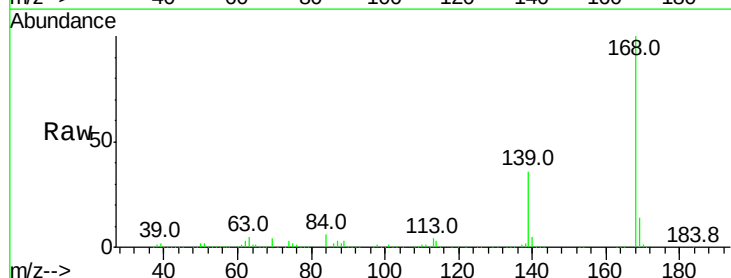
Manual Integrations
 APPROVED

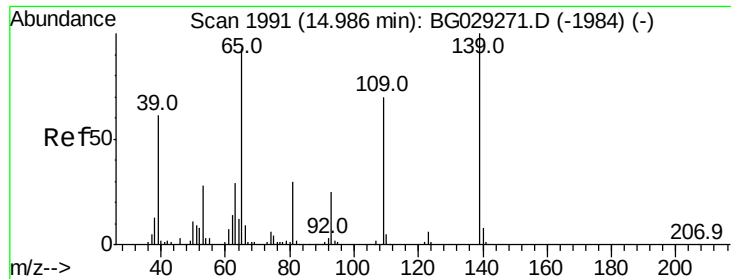
Sohil
 11/4/2017 2:21:38 PM



#54
 Dibenzofuran
 Concen: 53.785 ng
 RT: 15.17 min Scan# 2022
 Delta R.T. -0.00 min
 Lab File: BG030710.D
 Acq: 3 Nov 2017 21:31

Tgt Ion	Ratio	Lower	Upper
168	100		
139	36.4	28.6	43.0
169	13.9	11.2	16.8





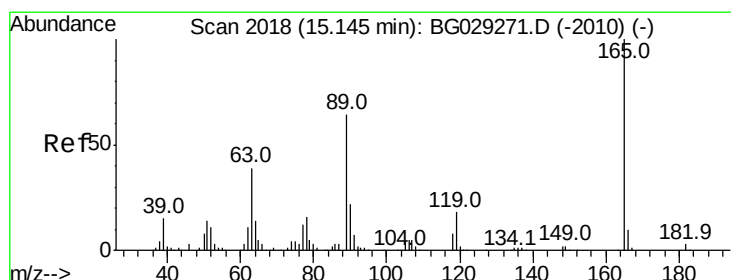
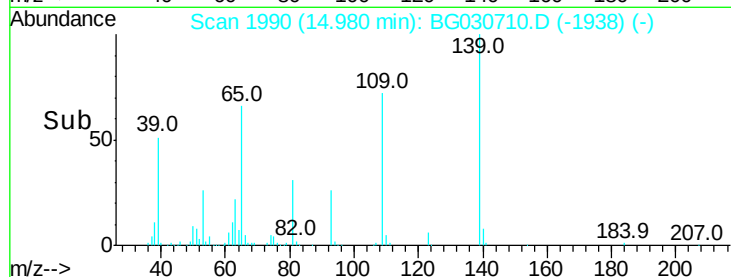
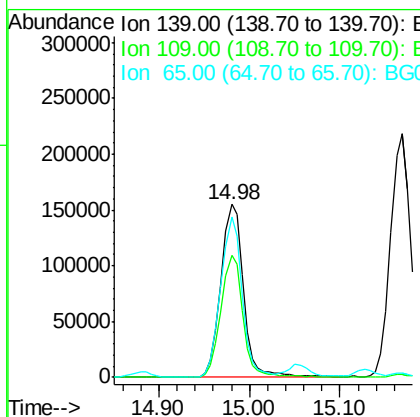
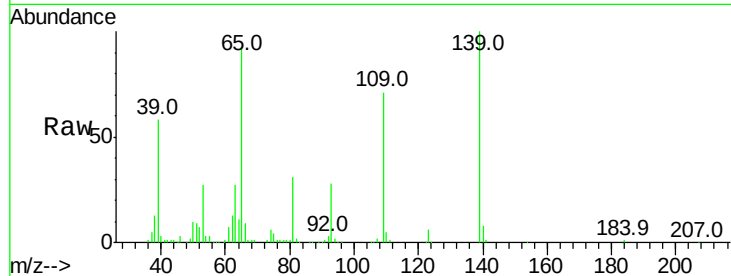
#55
4-Nitrophenol
Concen: 98.446 ng
RT: 14.98 min Scan# 1990
Delta R.T. 0.01 min
Lab File: BG030710.D
Acq: 3 Nov 2017 21:31

Instrument :
BNA_G
ClientSampleId :
LEONIA-GENMS

Tot Ion	Ratio	Lower	Upper
139	100		
109	70.9	62.2	102.2
65	93.0	97.2	137.2#

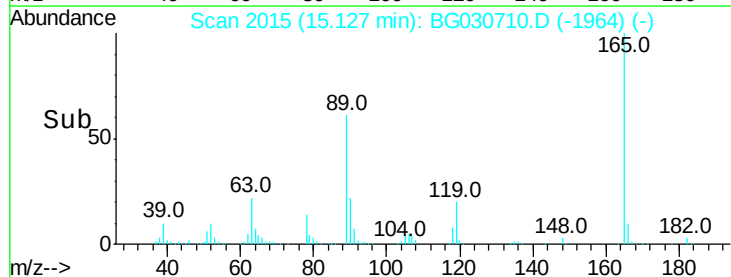
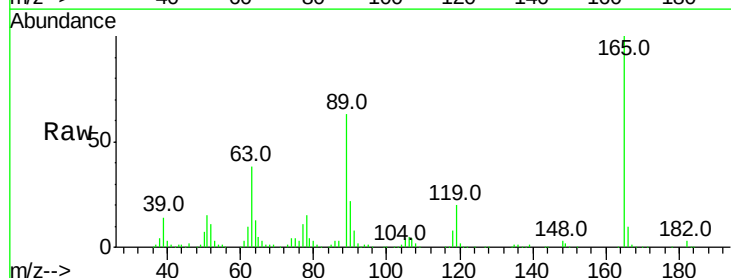
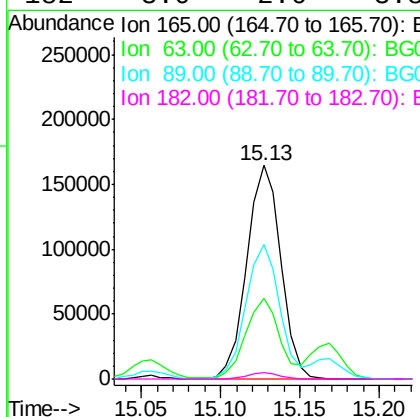
Manual Integrations
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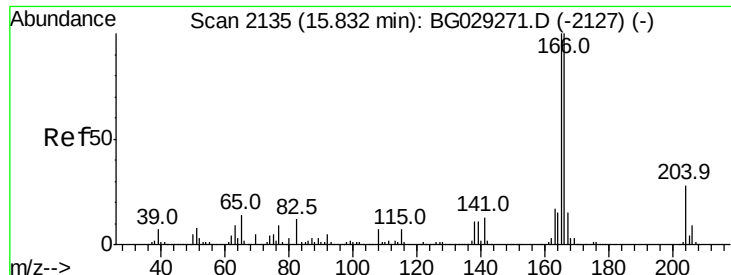
Sohil
11/4/2017 2:21:38 PM



#56
2,4-Dinitrotoluene
Concen: 58.644 ng
RT: 15.13 min Scan# 2015
Delta R.T. -0.00 min
Lab File: BG030710.D
Acq: 3 Nov 2017 21:31

Tgt Ion	Ratio	Lower	Upper
165	100		
63	37.9	42.0	63.0#
89	63.2	66.9	100.3#
182	3.0	2.6	3.8





#57

Fluorene

Concen: 51.133 ng

RT: 15.81 min Scan# 2132

Delta R.T. -0.00 min

Lab File: BG030710.D

Acq: 3 Nov 2017 21:31

Instrument :

BNA_G

ClientSampleId :

LEONIA-GENMS

Tot Ion:166 Resp: 725621

Ion Ratio Lower Upper

166 100

165 100.4 80.6 121.0

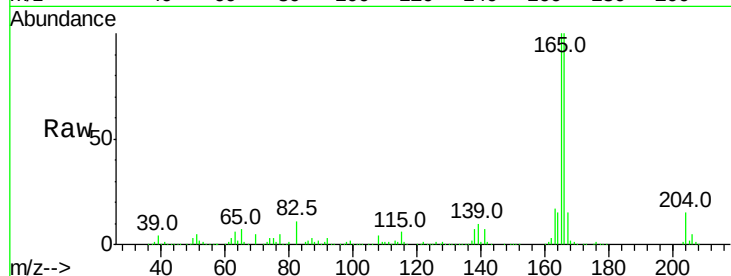
167 15.2 10.4 15.6

Manual Integrations

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Sohil

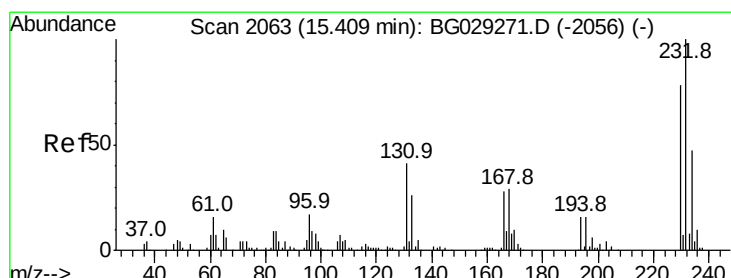
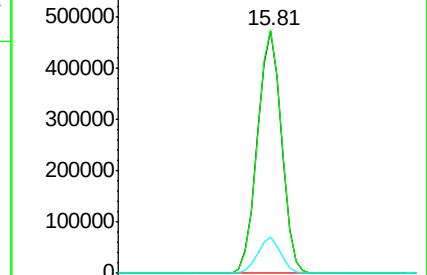
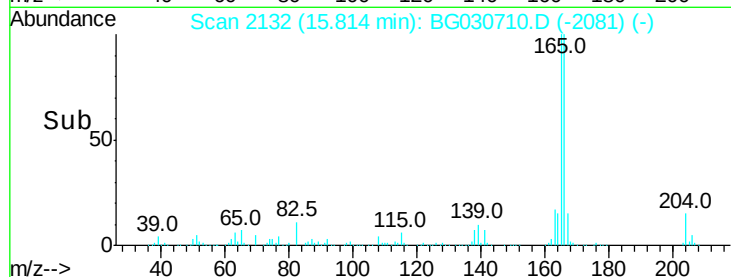
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 61.424 ng

RT: 15.39 min Scan# 2060

Delta R.T. -0.00 min

Lab File: BG030710.D

Acq: 3 Nov 2017 21:31

Tgt Ion:232 Resp: 227357

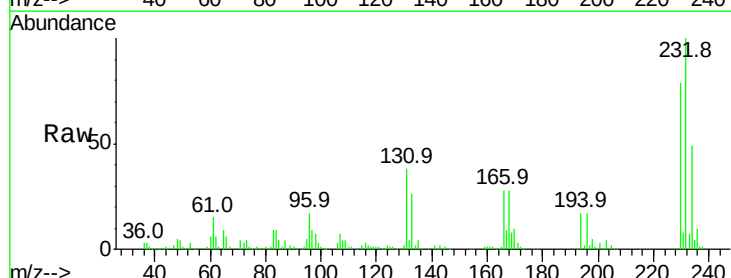
Ion Ratio Lower Upper

232 100

131 36.4 33.5 50.3

130 2.2 2.2 3.2

166 27.9 24.8 37.2

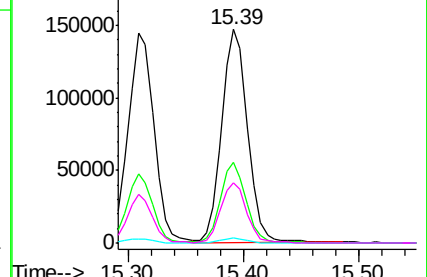
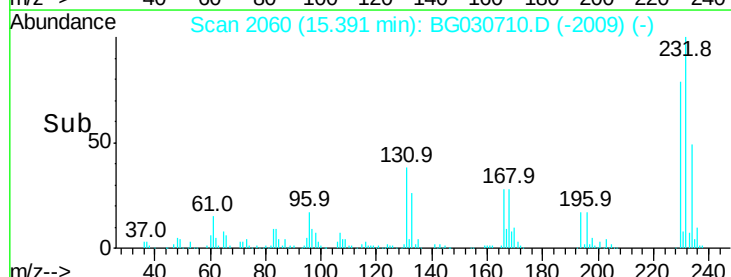


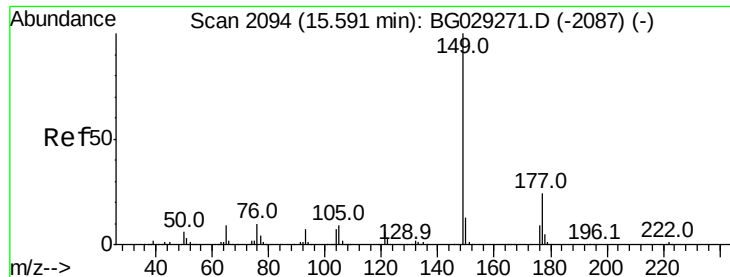
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





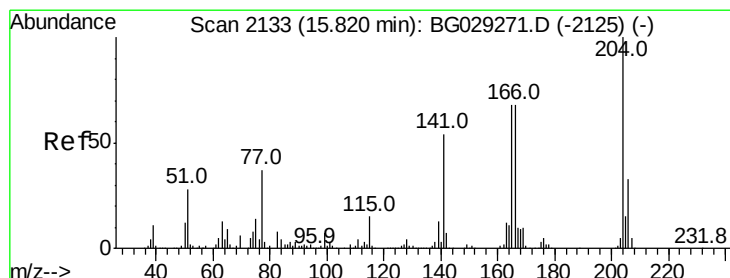
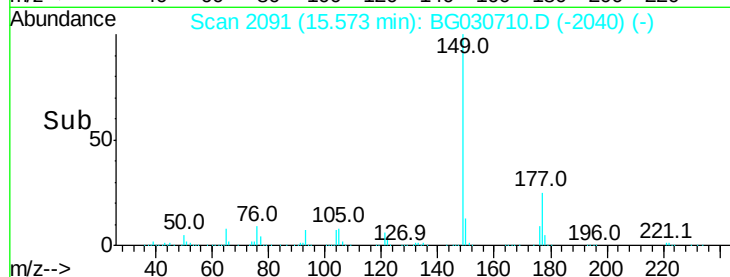
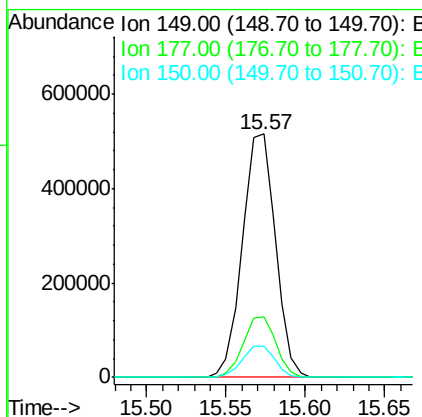
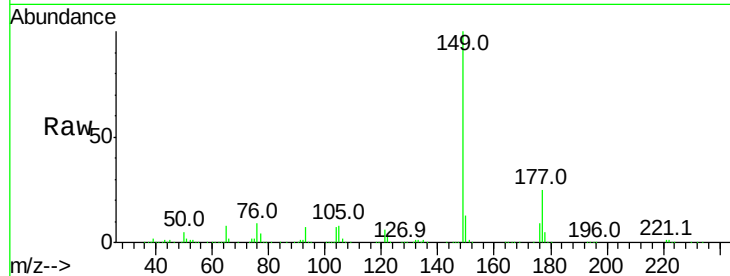
#59
Diethylphthalate
Concen: 50.973 ng
RT: 15.57 min Scan# 2091
Delta R.T. -0.00 min
Lab File: BG030710.D
Acq: 3 Nov 2017 21:31

Instrument :
BNA_G
ClientSampleId :
LEONIA-GENMS

Tot Ion	Ratio	Lower	Upper
149	100		
177	24.8	18.5	27.7
150	12.7	10.2	15.2

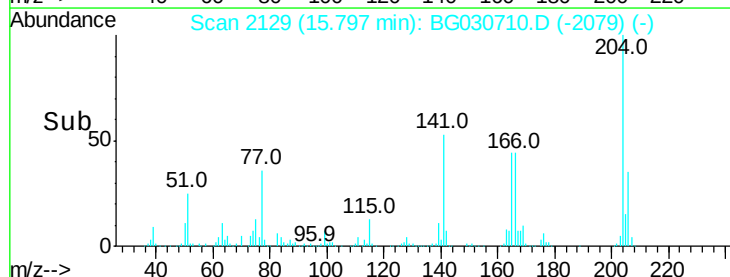
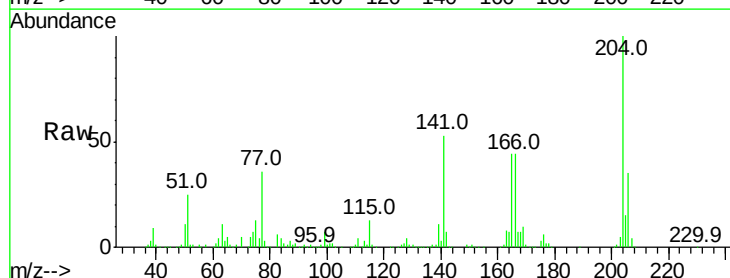
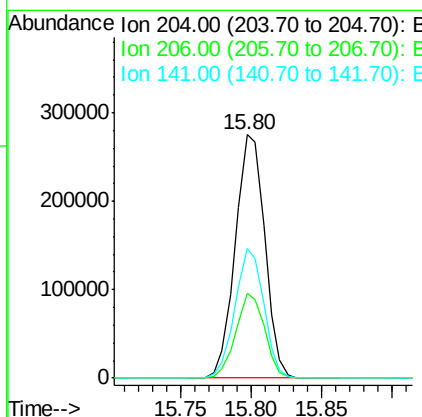
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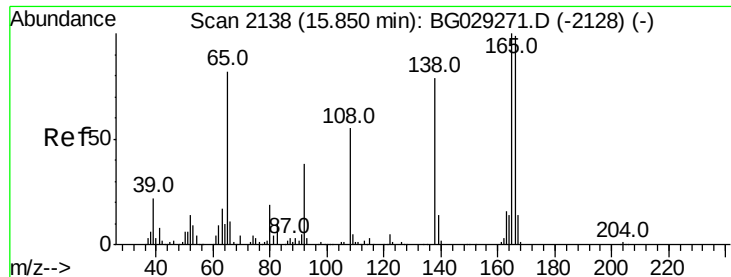
Sohil
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#60
4-Chlorophenyl-phenylether
Concen: 53.043 ng
RT: 15.80 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BG030710.D
Acq: 3 Nov 2017 21:31

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.9	26.2	39.2
141	53.3	45.8	68.6





#61

4-Nitroaniline

Concen: 50.380 ng

RT: 15.83 min Scan# 2135

Delta R.T. -0.00 min

Lab File: BG030710.D

Acq: 3 Nov 2017 21:31

Instrument :

BNA_G

ClientSampleId :

LEONIA-GENMS

Tot Ion:138 Resp: 172094

Ion Ratio Lower Upper

138 100

92 49.4 40.1 80.1

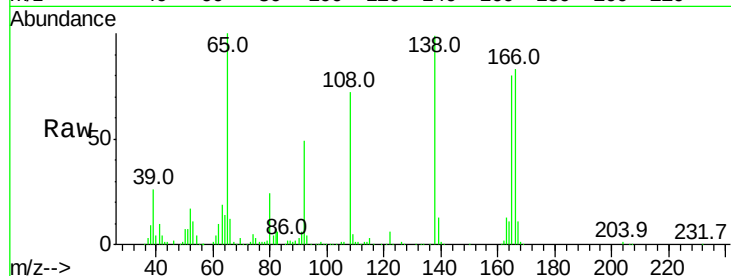
108 72.4 65.4 105.4

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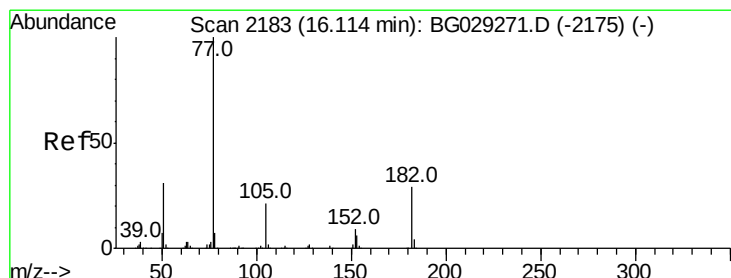
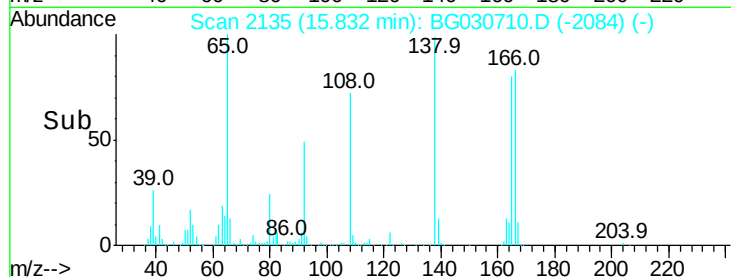
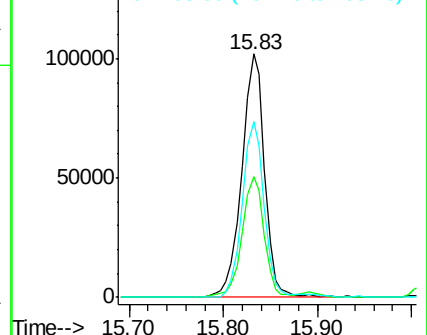
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 53.613 ng

RT: 16.09 min Scan# 2179

Delta R.T. -0.01 min

Lab File: BG030710.D

Acq: 3 Nov 2017 21:31

Tgt Ion: 77 Resp: 662609

Ion Ratio Lower Upper

77 100

182 30.2 7.4 47.4

105 21.2 0.3 40.3

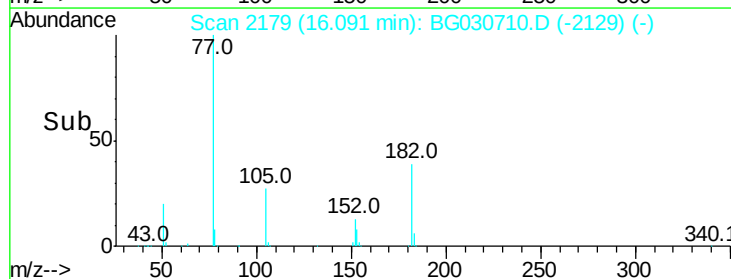
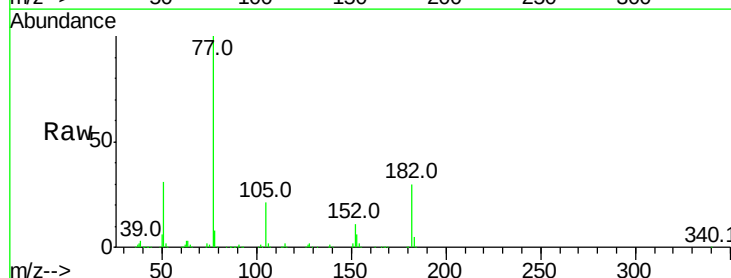
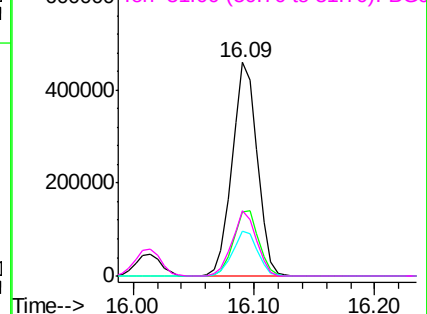
51 30.7 11.6 51.6

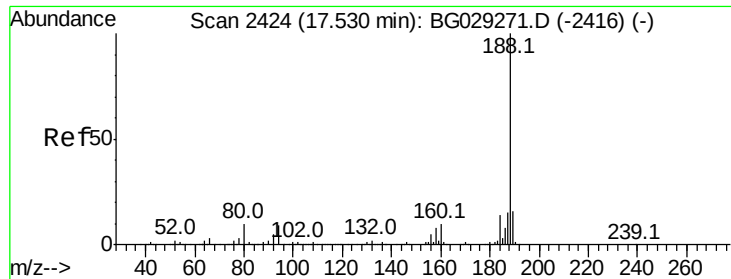
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.51 min Scan# 2420

Delta R.T. -0.01 min

Lab File: BG030710.D

Acq: 3 Nov 2017 21:31

Instrument :

BNA_G

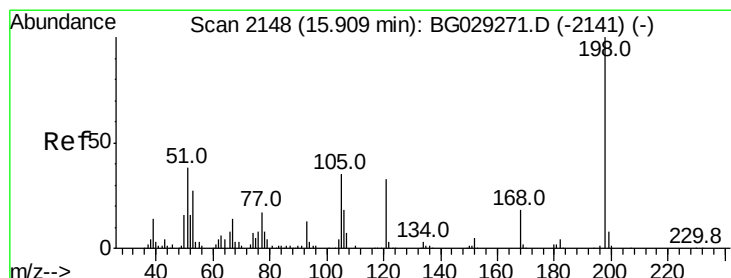
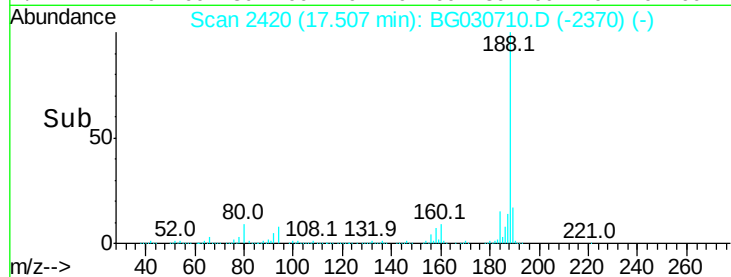
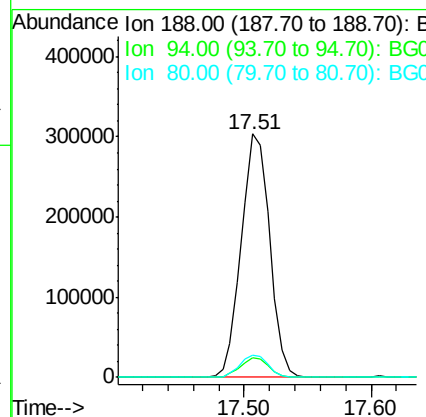
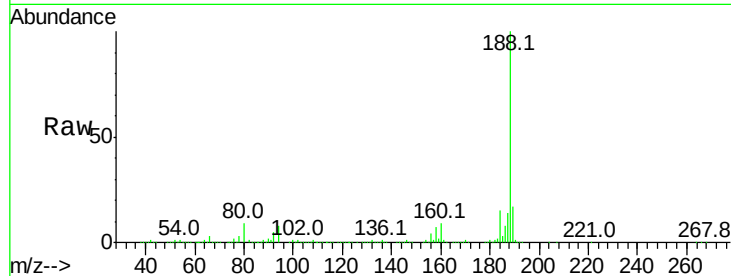
ClientSampleId :

LEONIA-GENMS

Tot Ion:	188	Resp:	470956
Ion Ratio	Lower	Upper	
188	100		
94	8.3	6.9	10.3
80	9.2	7.7	11.5

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#64

4,6-Dinitro-2-methylphenol

Concen: 48.083 ng

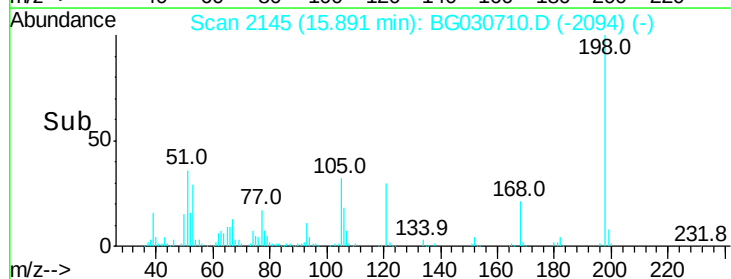
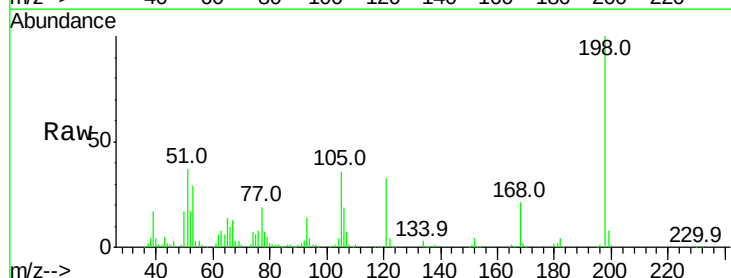
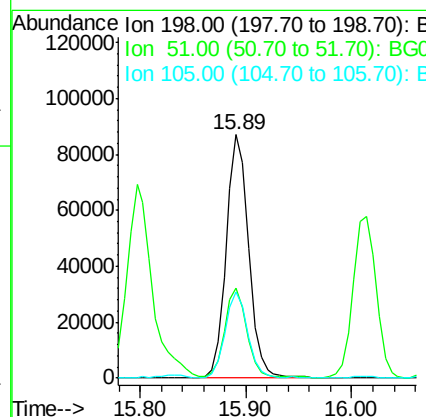
RT: 15.89 min Scan# 2145

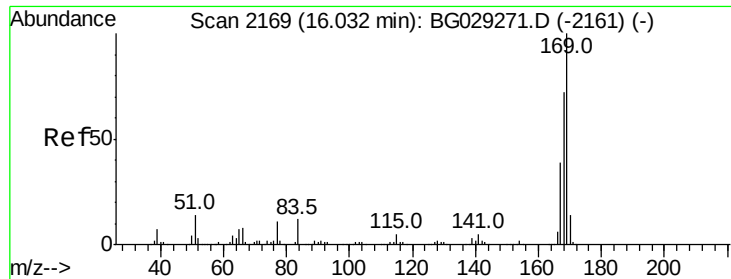
Delta R.T. -0.00 min

Lab File: BG030710.D

Acq: 3 Nov 2017 21:31

Tgt Ion:	198	Resp:	128799
Ion Ratio	Lower	Upper	
198	100		
51	36.9	30.6	70.6
105	35.6	23.8	63.8





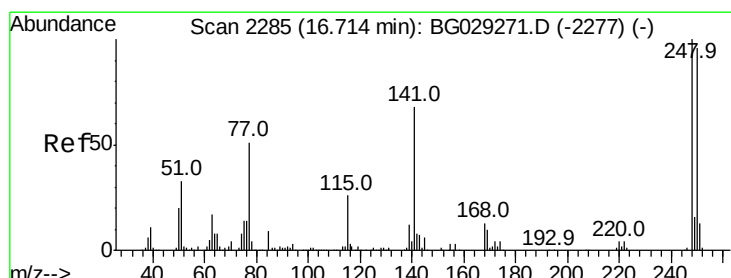
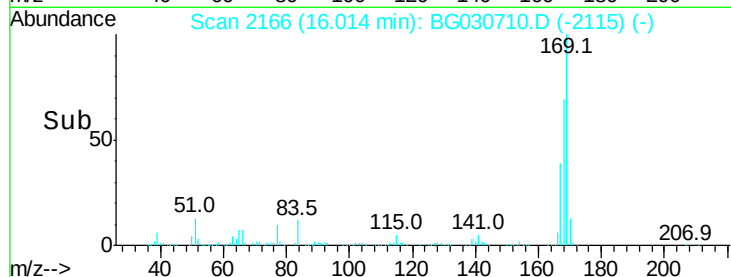
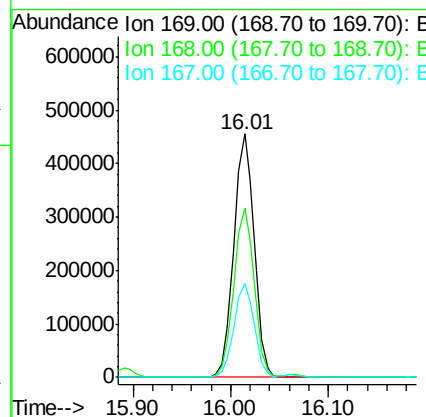
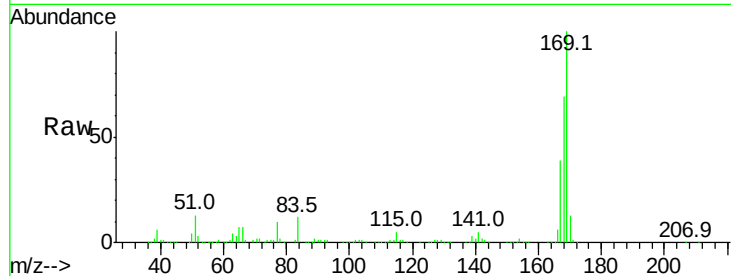
#65
n-Nitrosodiphenylamine
Concen: 46.638 ng
RT: 16.01 min Scan# 2166
Delta R.T. -0.00 min
Lab File: BG030710.D
Acq: 3 Nov 2017 21:31

Instrument :
BNA_G
ClientSampleId :
LEONIA-GENMS

Tot Ion	Ratio	Lower	Upper
169	100		
168	69.4	55.7	83.5
167	38.7	30.1	45.1

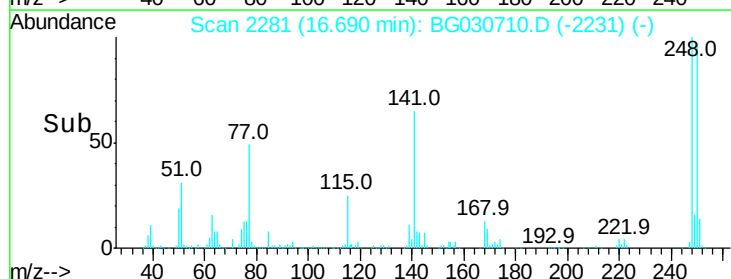
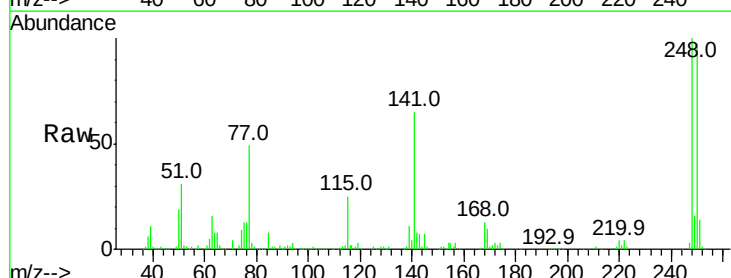
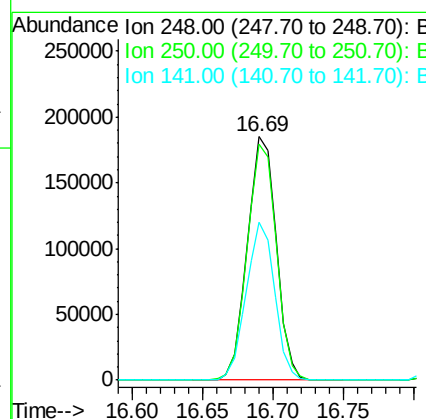
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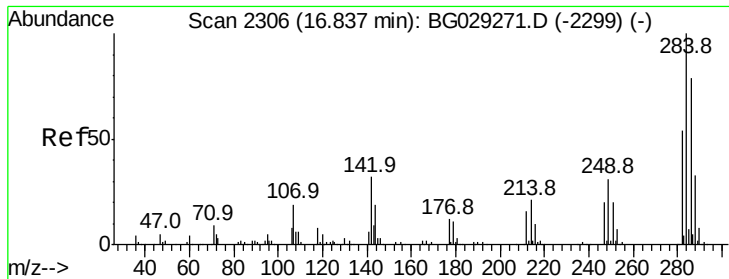
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#66
4-Bromophenyl-phenylether
Concen: 49.341 ng
RT: 16.69 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BG030710.D
Acq: 3 Nov 2017 21:31

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.0	77.1	115.7
141	65.1	50.8	76.2





#67

Hexachlorobenzene

Concen: 47.709 ng

RT: 16.82 min Scan# 2303

Delta R.T. -0.00 min

Lab File: BG030710.D

Acq: 3 Nov 2017 21:31

Instrument :

BNA_G

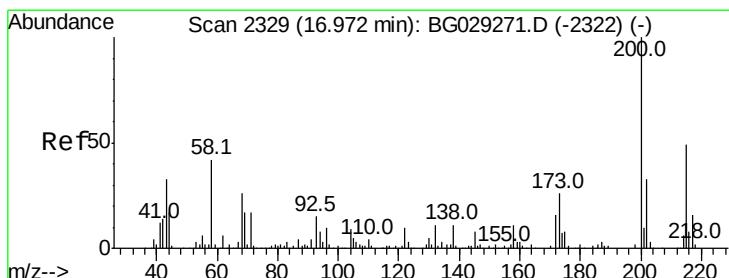
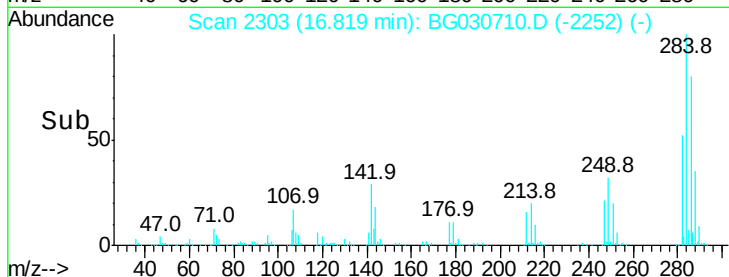
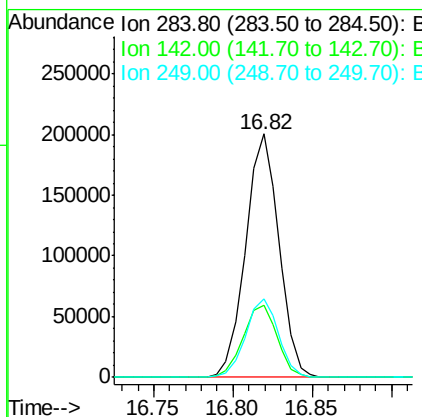
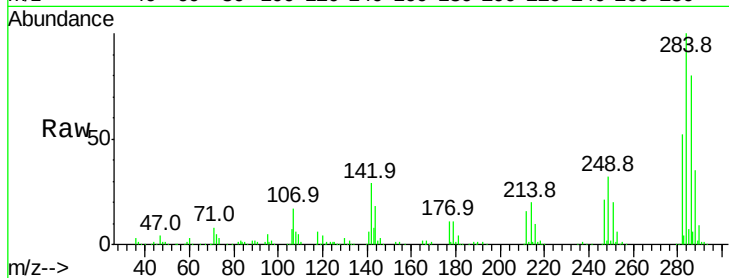
ClientSampleId :

LEONIA-GENMS

Tot Ion:	284	Resp:	292046
Ion Ratio		Lower	Upper
284	100		
142	29.4	26.8	40.2
249	32.4	26.3	39.5

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#68

Atrazine

Concen: 51.882 ng

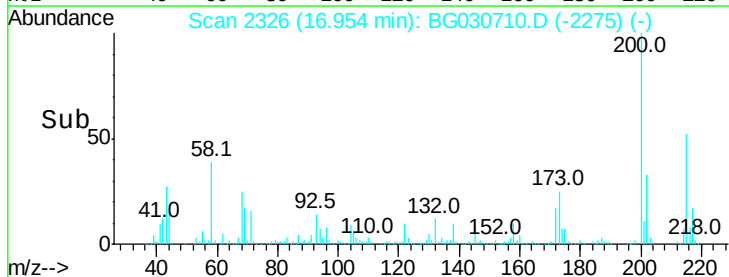
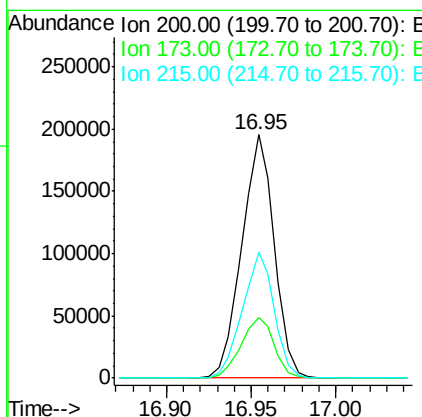
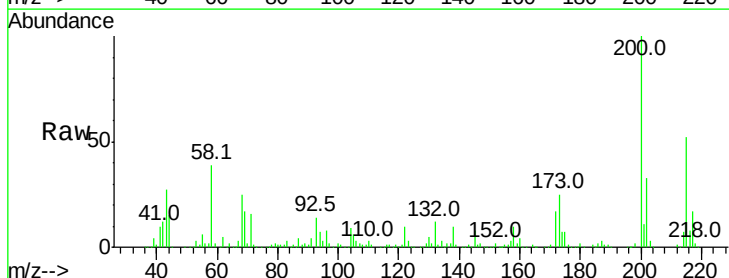
RT: 16.95 min Scan# 2326

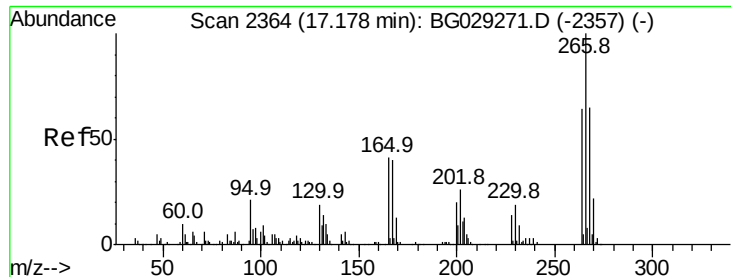
Delta R.T. -0.00 min

Lab File: BG030710.D

Acq: 3 Nov 2017 21:31

Tgt Ion:	200	Resp:	261169
Ion Ratio		Lower	Upper
200	100		
173	25.0	5.2	45.2
215	51.6	30.4	70.4





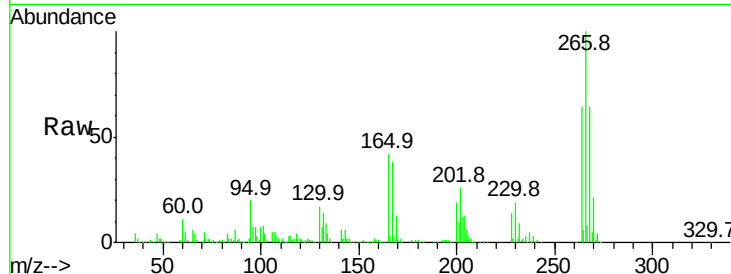
#69
 Pentachlorophenol
 Concen: 97.672 ng
 RT: 17.16 min Scan# 2361
 Delta R.T. -0.00 min
 Lab File: BG030710.D
 Acq: 3 Nov 2017 21:31

Instrument :
 BNA_G
 ClientSampleId :
 LEONIA-GENMS

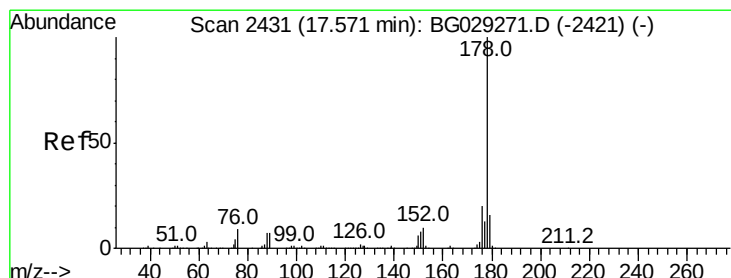
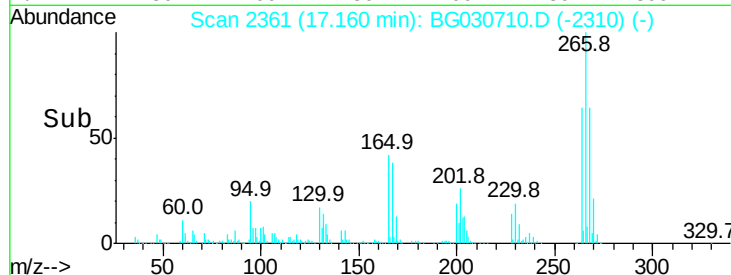
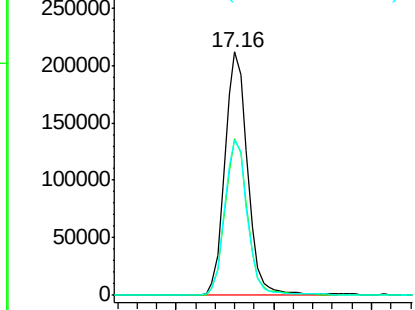
Tot Ion	Ratio	Lower	Upper
266	100		
268	64.3	51.1	76.7
264	64.0	49.6	74.4

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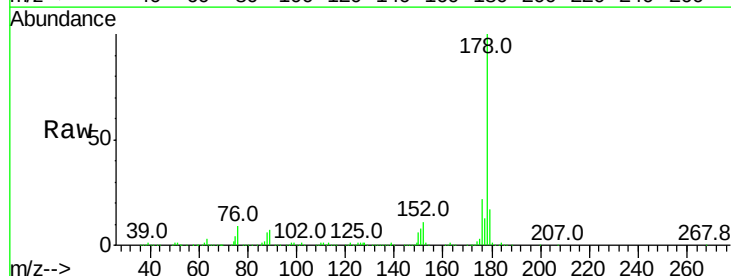


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

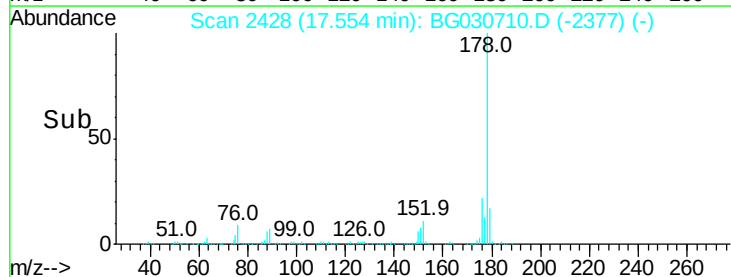
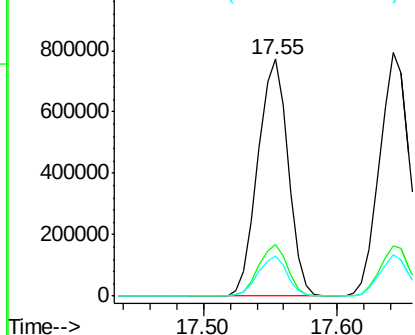


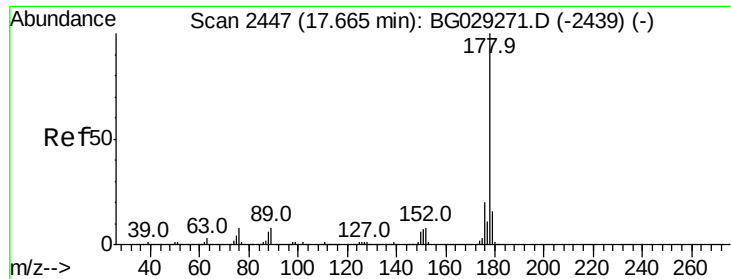
#70
 Phenanthrene
 Concen: 49.634 ng
 RT: 17.55 min Scan# 2428
 Delta R.T. -0.00 min
 Lab File: BG030710.D
 Acq: 3 Nov 2017 21:31

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.8	15.7	23.5
179	16.7	12.5	18.7



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





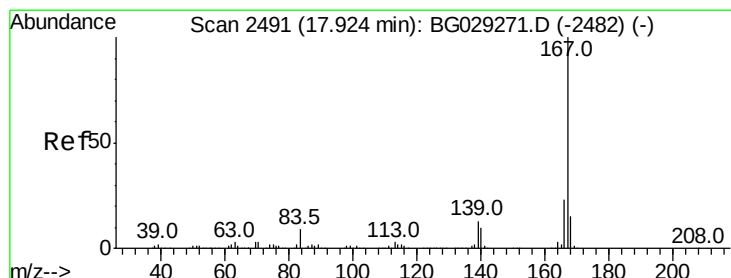
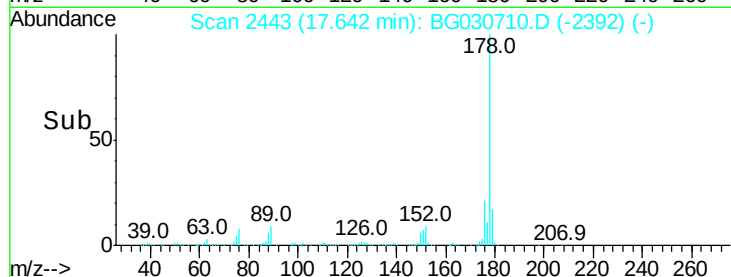
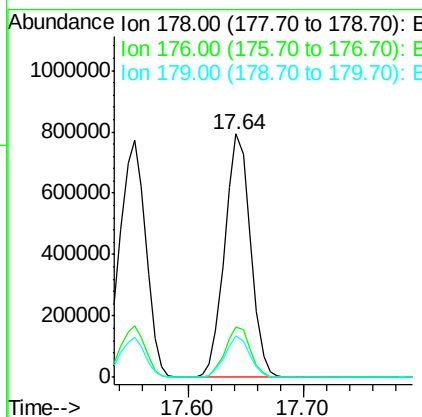
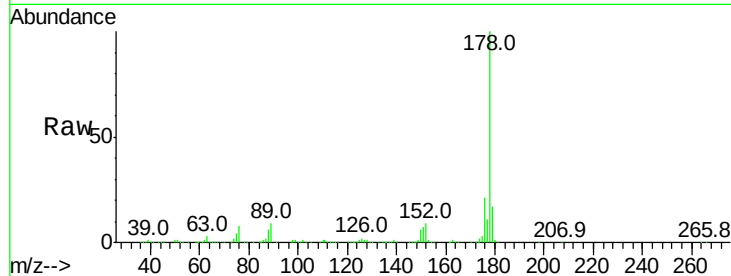
#71
 Anthracene
 Concen: 50.154 ng
 RT: 17.64 min Scan# 2443
 Delta R.T. -0.00 min
 Lab File: BG030710.D
 Acq: 3 Nov 2017 21:31

Instrument :
 BNA_G
 ClientSampleId :
 LEONIA-GENMS

Tot Ion:178 Resp: 1225277
 Ion Ratio Lower Upper
 178 100
 176 20.8 16.0 24.0
 179 17.2 12.5 18.7

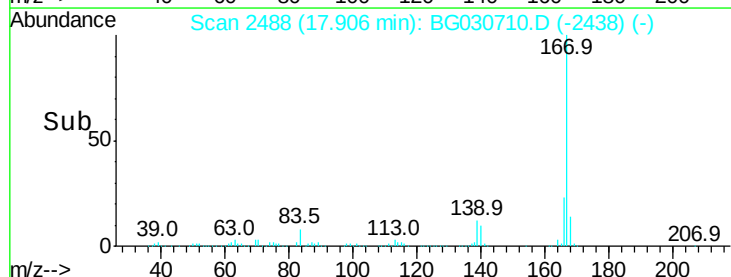
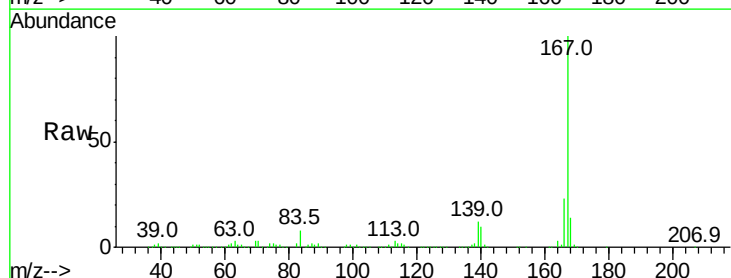
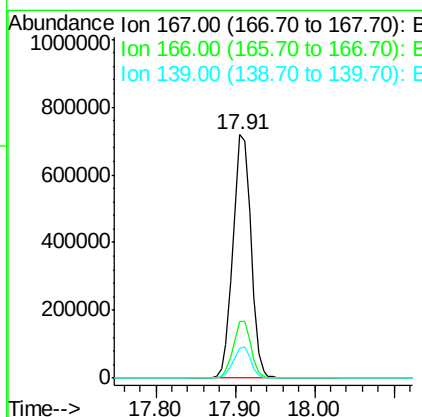
Manual Integrations
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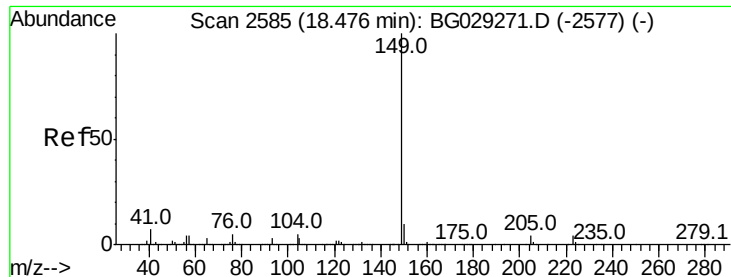
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#72
 Carbazole
 Concen: 48.481 ng
 RT: 17.91 min Scan# 2488
 Delta R.T. -0.01 min
 Lab File: BG030710.D
 Acq: 3 Nov 2017 21:31

Tgt Ion:167 Resp: 1137751
 Ion Ratio Lower Upper
 167 100
 166 23.1 18.2 27.4
 139 12.3 9.4 14.2





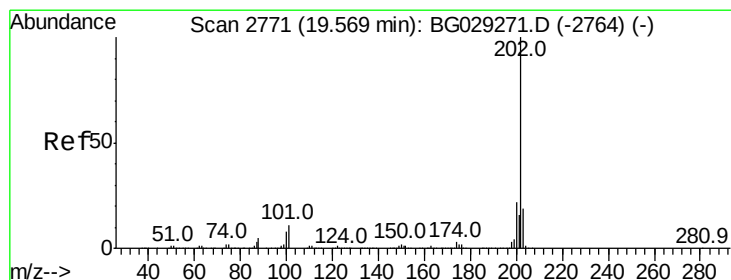
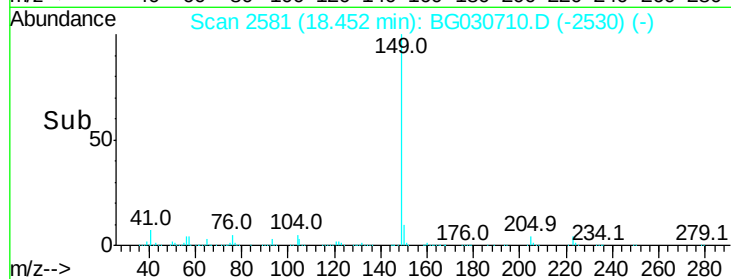
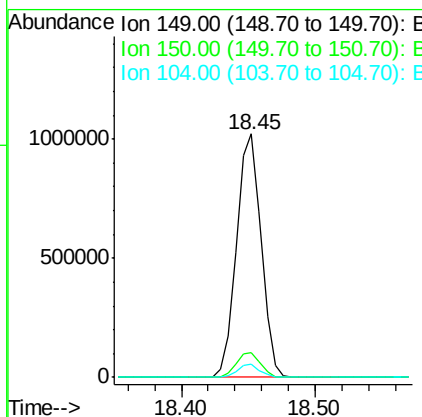
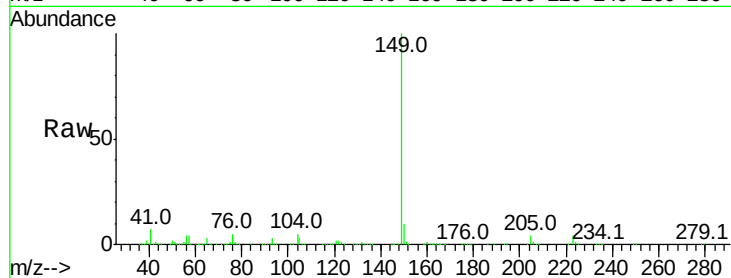
#73
Di-n-butylphthalate
Concen: 48.433 ng
RT: 18.45 min Scan# 2581
Delta R.T. -0.00 min
Lab File: BG030710.D
Acq: 3 Nov 2017 21:31

Instrument :
BNA_G
ClientSampleId :
LEONIA-GENMS

Tot Ion	Ratio	Lower	Upper
149	100		
150	10.1	7.8	11.6
104	5.2	3.9	5.9

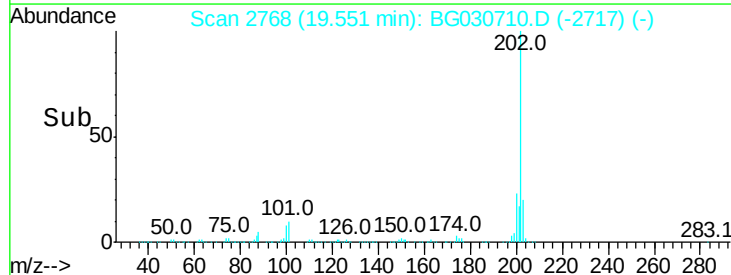
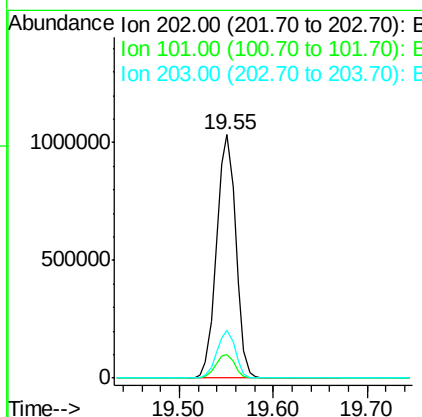
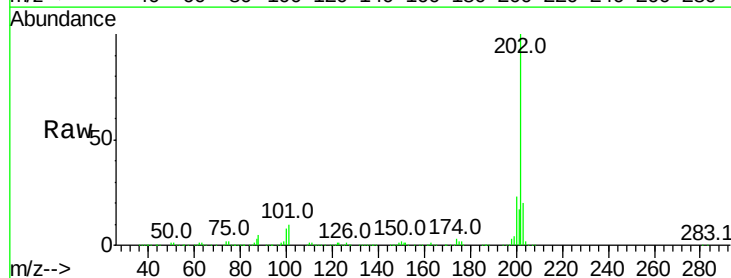
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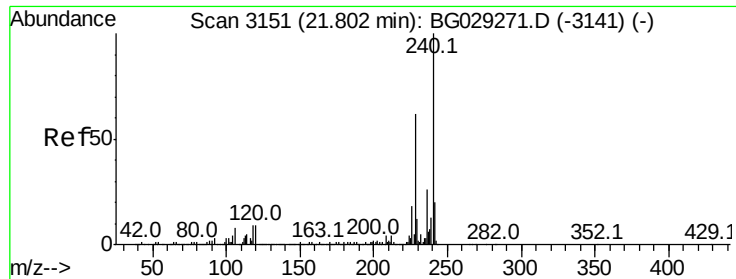
Sohil
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#74
Fluoranthene
Concen: 52.204 ng
RT: 19.55 min Scan# 2768
Delta R.T. -0.00 min
Lab File: BG030710.D
Acq: 3 Nov 2017 21:31

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	28.9
203	19.7	0.0	37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.78 min Scan# 3148

Delta R.T. -0.00 min

Lab File: BG030710.D

Acq: 3 Nov 2017 21:31

Instrument :

BNA_G

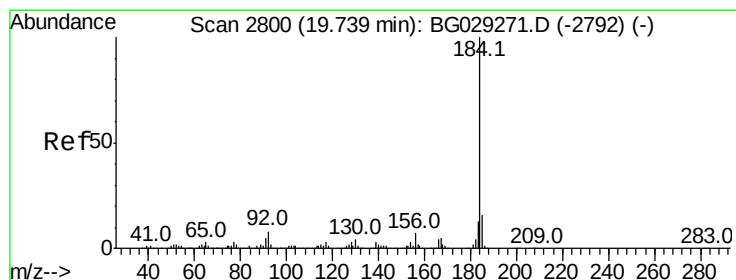
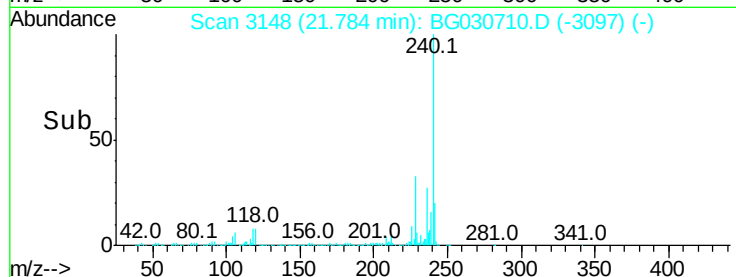
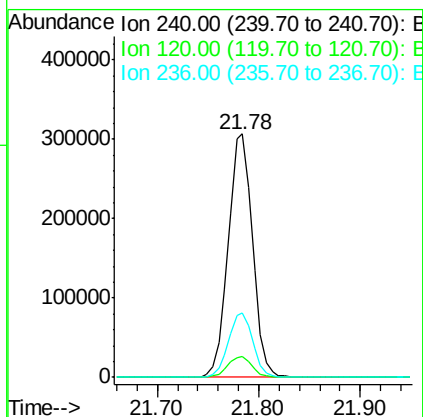
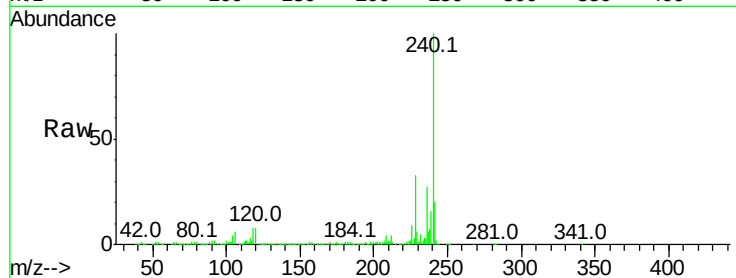
ClientSampleId :

LEONIA-GENMS

Tot Ion:	240	Resp:	510922
Ion Ratio	Lower	Upper	
240	100		
120	8.4	6.8	10.2
236	26.7	20.9	31.3

Manual Integrations
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#76

Benzidine

Concen: 12.413 ng

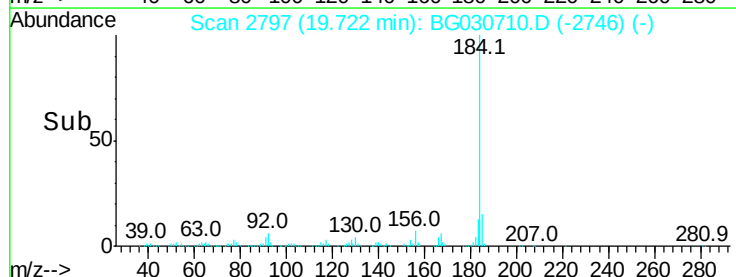
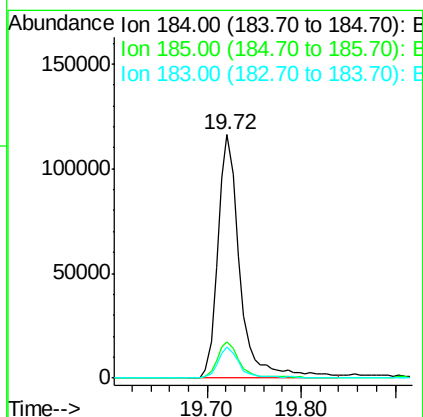
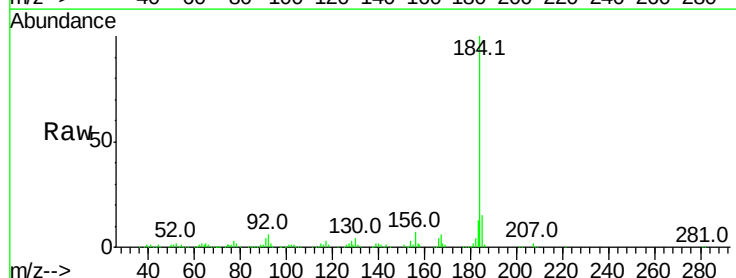
RT: 19.72 min Scan# 2797

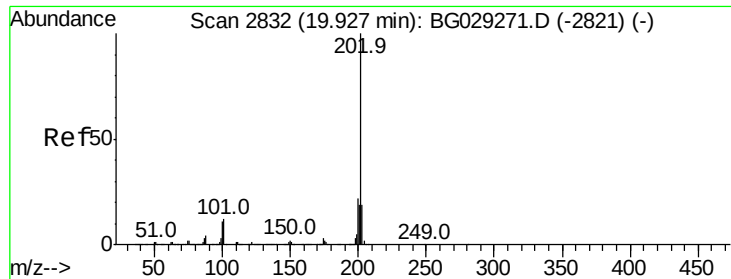
Delta R.T. -0.00 min

Lab File: BG030710.D

Acq: 3 Nov 2017 21:31

Tgt Ion:	184	Resp:	191491
Ion Ratio	Lower	Upper	
184	100		
185	15.1	11.1	16.7
183	12.8	10.6	16.0





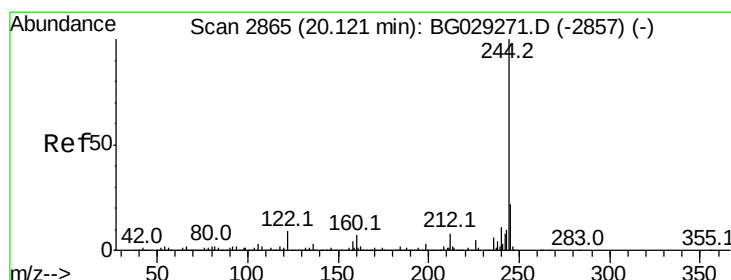
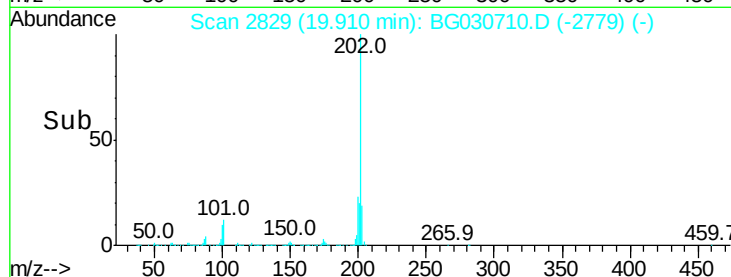
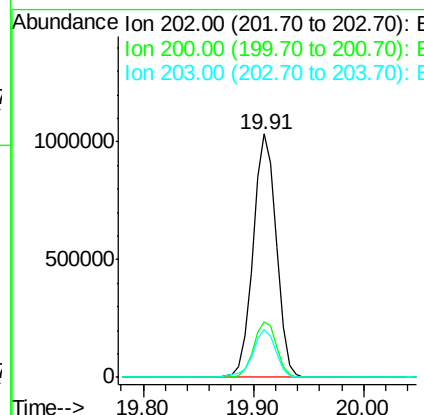
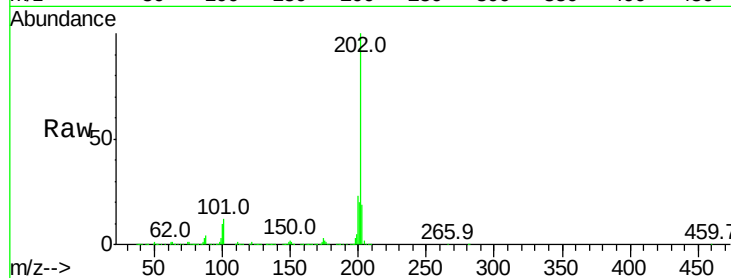
#77
Pvrene
Concen: 49.069 ng
RT: 19.91 min Scan# 2829
Delta R.T. -0.01 min
Lab File: BG030710.D
Acq: 3 Nov 2017 21:31

Instrument :
BNA_G
ClientSampleId :
LEONIA-GENMS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.9	16.9	25.3
203	19.4	13.9	20.9

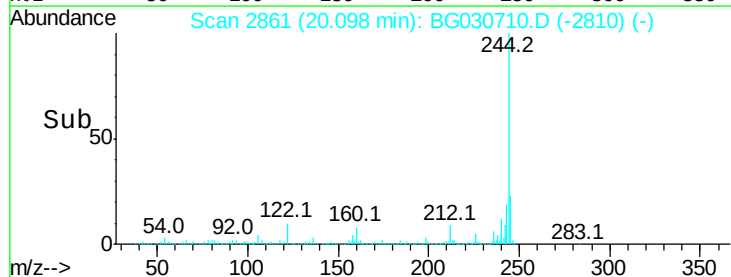
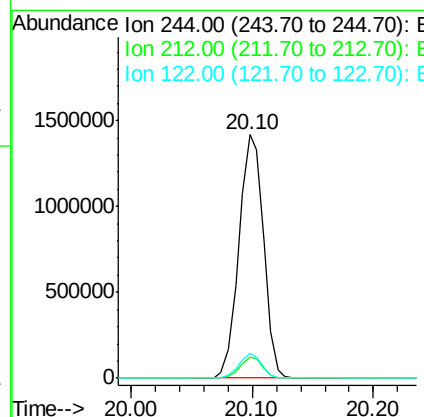
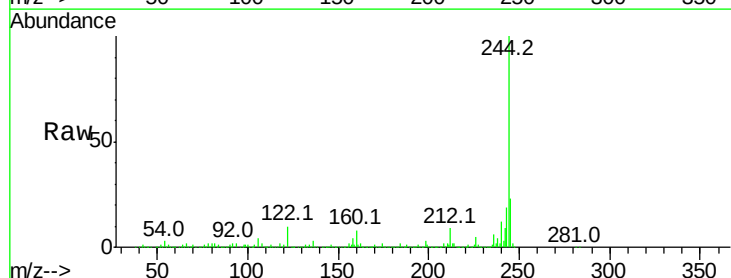
Manual Integrations
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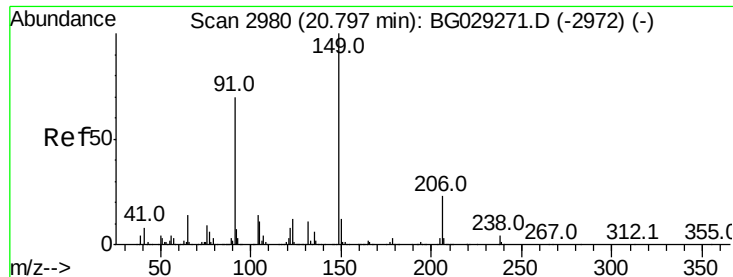
Sohil
11/4/2017 2:21:38 PM



#78
Terphenyl-d14
Concen: 89.624 ng
RT: 20.10 min Scan# 2861
Delta R.T. -0.00 min
Lab File: BG030710.D
Acq: 3 Nov 2017 21:31

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.7	5.8	8.8
122	10.3	7.0	10.4





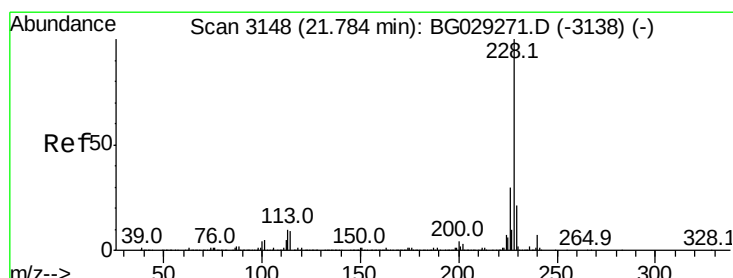
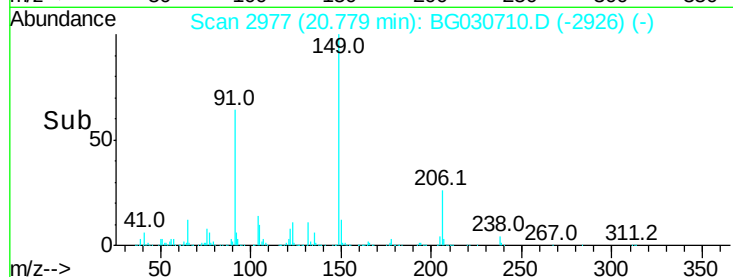
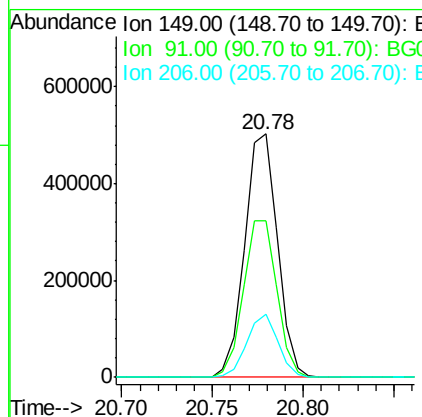
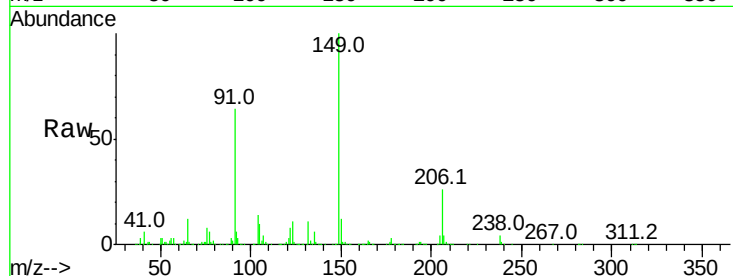
#79
Butylbenzylphthalate
Concen: 47.913 ng
RT: 20.78 min Scan# 2977
Delta R.T. -0.00 min
Lab File: BG030710.D
Acq: 3 Nov 2017 21:31

Instrument :
BNA_G
ClientSampleId :
LEONIA-GENMS

Tot Ion	Ratio	Lower	Upper
149	100		
91	64.4	62.2	93.2
206	26.2	18.6	27.8

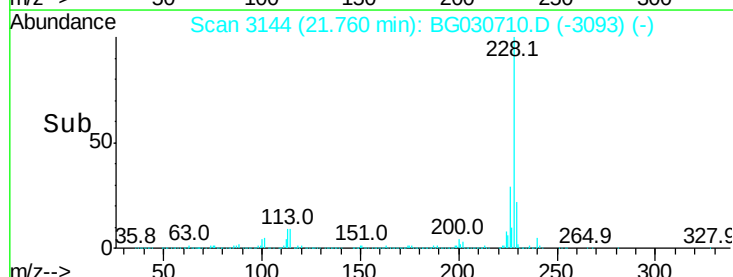
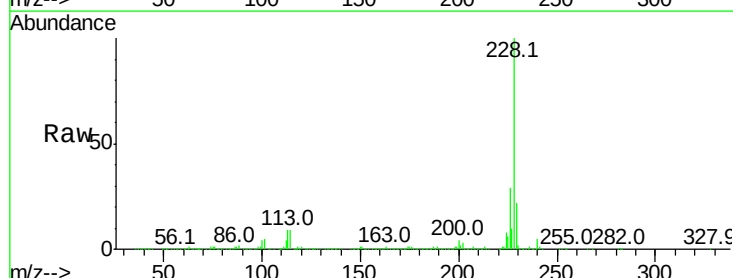
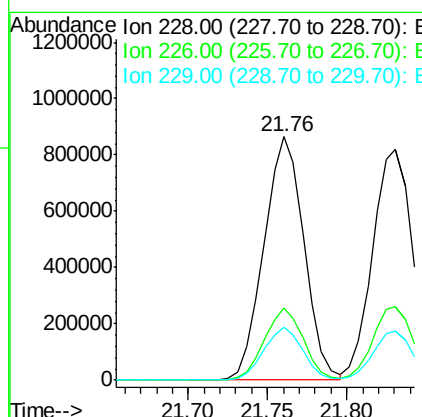
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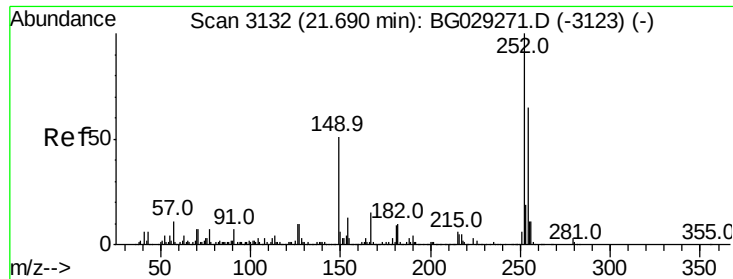
Sohil
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#80
Benzo(a)anthracene
Concen: 50.538 ng
RT: 21.76 min Scan# 3144
Delta R.T. -0.00 min
Lab File: BG030710.D
Acq: 3 Nov 2017 21:31

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.4	22.7	34.1
229	22.0	16.2	24.2





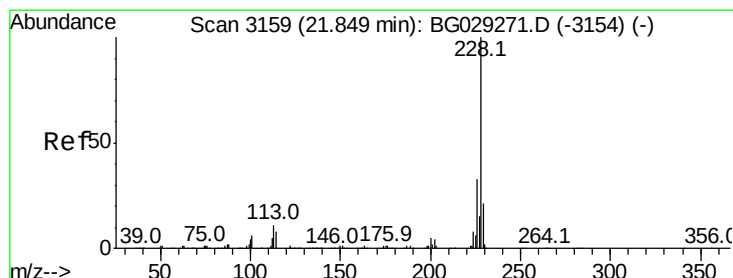
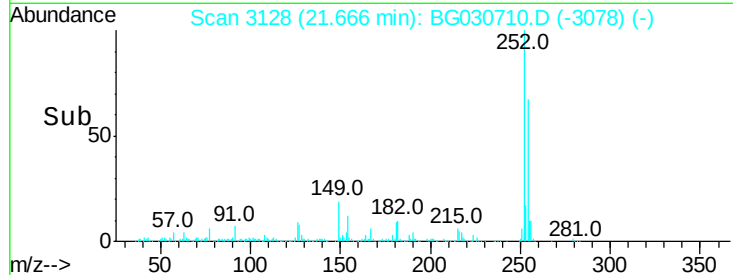
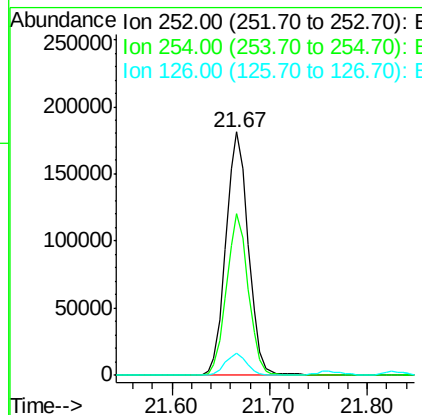
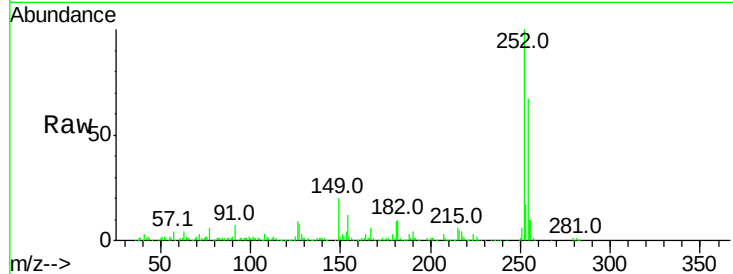
#81
 3,3'-Dichlorobenzidine
 Concen: 23.356 ng
 RT: 21.67 min Scan# 3128
 Delta R.T. -0.01 min
 Lab File: BG030710.D
 Acq: 3 Nov 2017 21:31

Instrument :
 BNA_G
 ClientSampleId :
 LEONIA-GENMS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	289178		
254	66.6	50.8	76.2	
126	8.9	7.4	11.2	

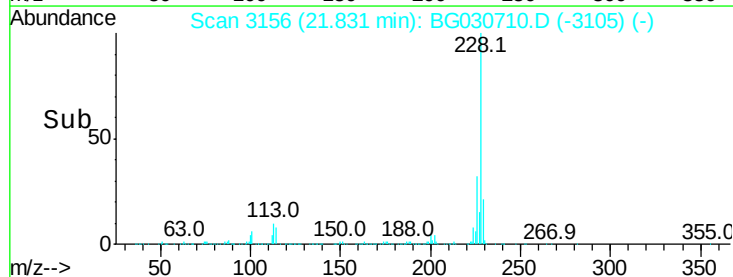
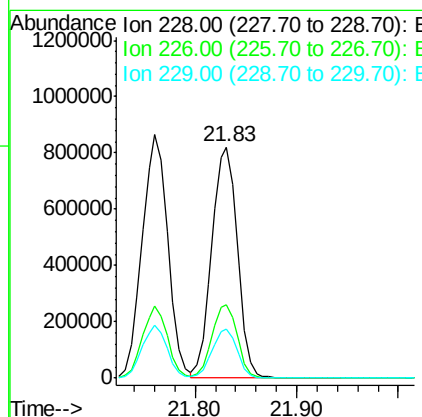
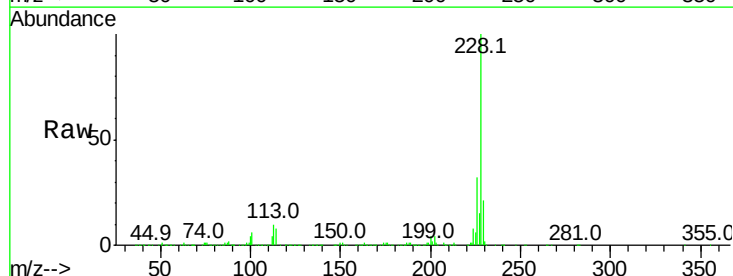
Manual Integrations
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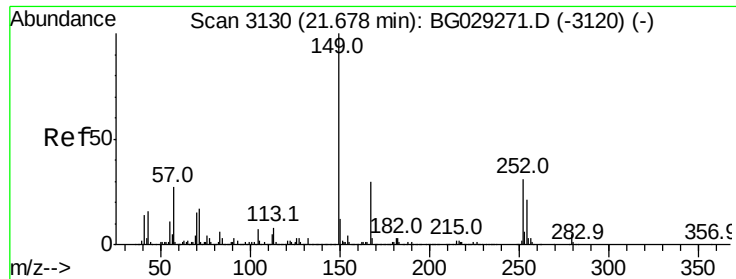
Sohil
 11/4/2017 2:21:38 PM



#82
 Chrysene
 Concen: 50.078 ng
 RT: 21.83 min Scan# 3156
 Delta R.T. -0.00 min
 Lab File: BG030710.D
 Acq: 3 Nov 2017 21:31

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1438621		
226	31.8	24.9	37.3	
229	21.4	15.0	22.4	





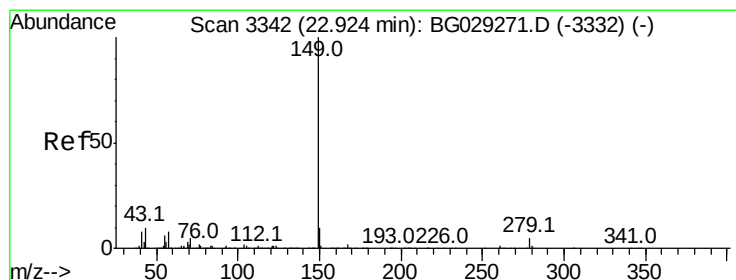
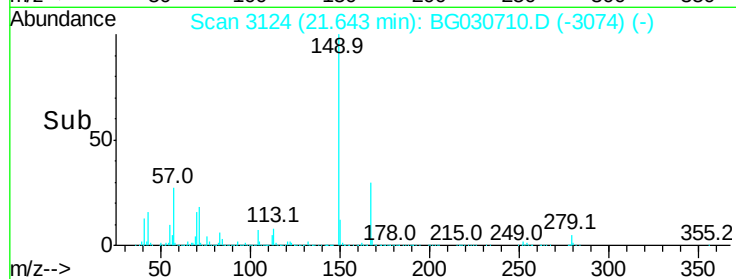
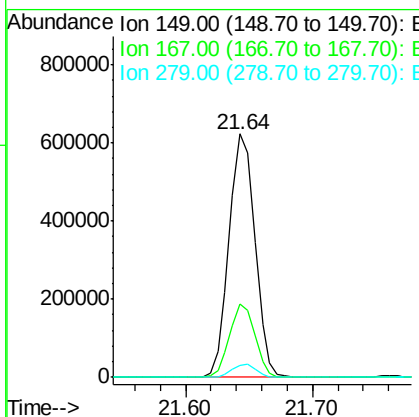
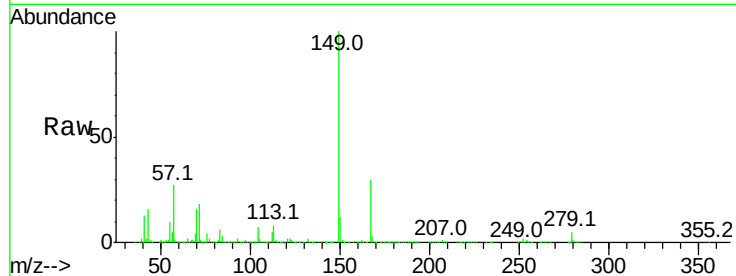
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.419 ng
 RT: 21.64 min Scan# 3124
 Delta R.T. -0.01 min
 Lab File: BG030710.D
 Acq: 3 Nov 2017 21:31

Instrument :
 BNA_G
 ClientSampleId :
 LEONIA-GENMS

Tot Ion	Ratio	Lower	Upper
149	100		
167	30.0	24.3	36.5
279	5.1	4.0	6.0

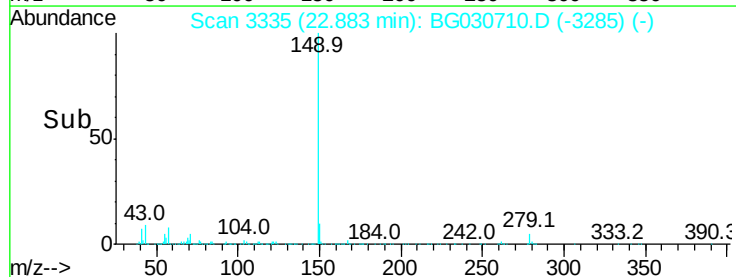
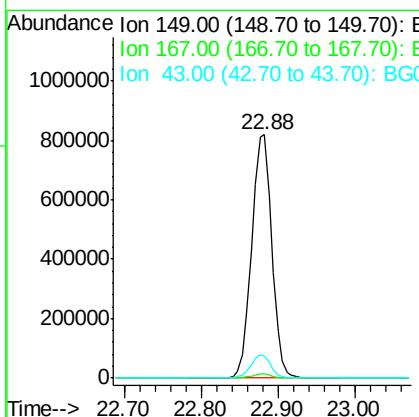
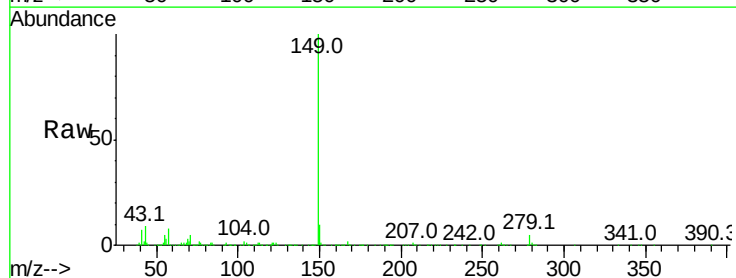
Manual Integrations
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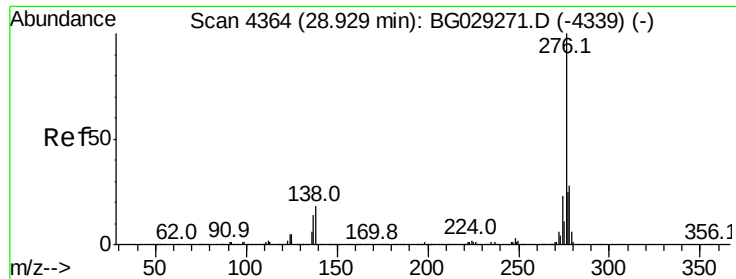
Sohil
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#84
 Di-n-octyl phthalate
 Concen: 45.511 ng
 RT: 22.88 min Scan# 3335
 Delta R.T. -0.01 min
 Lab File: BG030710.D
 Acq: 3 Nov 2017 21:31

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	9.2	8.9	13.3





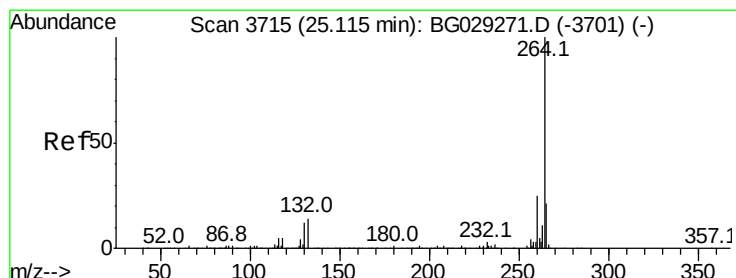
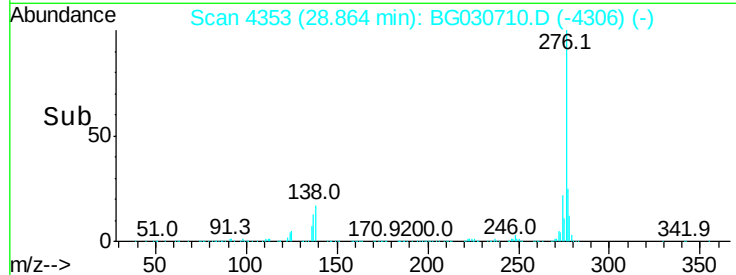
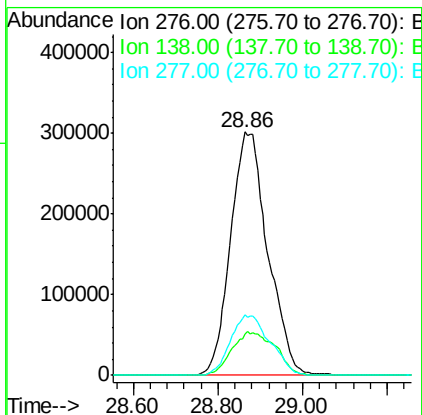
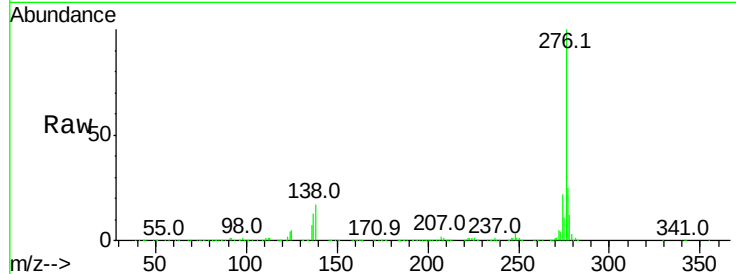
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 51.993 ng
 RT: 28.86 min Scan# 4353
 Delta R.T. -0.02 min
 Lab File: BG030710.D
 Acq: 3 Nov 2017 21:31

Instrument :
 BNA_G
 ClientSampleId :
 LEONIA-GENMS

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.0	16.0	24.0
277	26.3	20.0	30.0

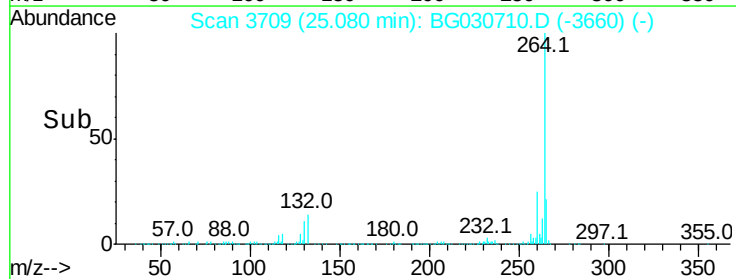
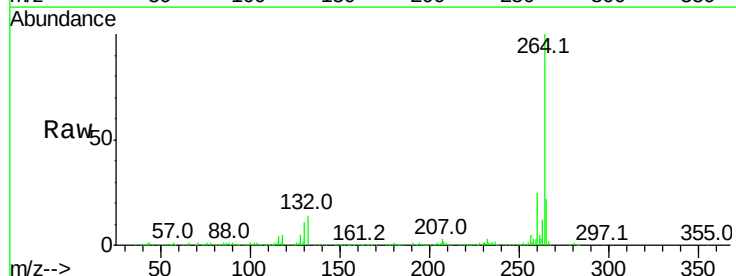
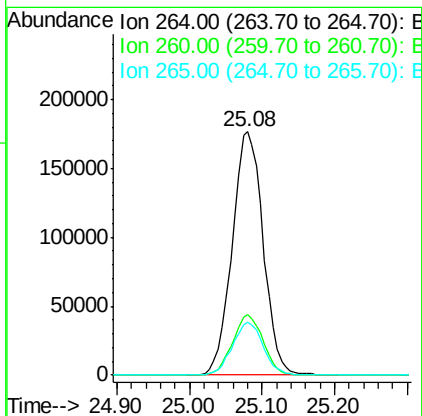
Manual Integrations
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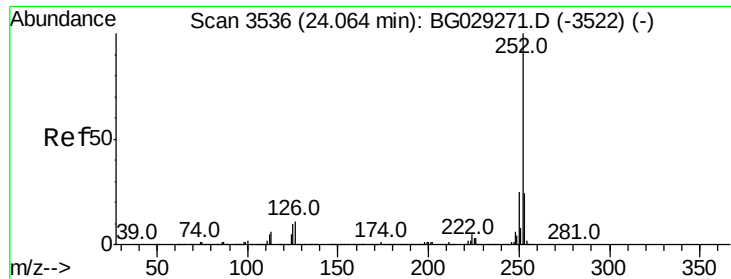
Sohil
 11/4/2017 2:21:38 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.08 min Scan# 3709
 Delta R.T. -0.01 min
 Lab File: BG030710.D
 Acq: 3 Nov 2017 21:31

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.1	17.4	26.0
265	21.5	17.7	26.5





#87

Benzo(b)fluoranthene

Concen: 51.276 ng

RT: 24.03 min Scan# 3531

Delta R.T. -0.01 min

Lab File: BG030710.D

Acq: 3 Nov 2017 21:31

Instrument :

BNA_G

ClientSampleId :

LEONIA-GENMS

Tot Ion:252 Resp: 1536663

Ion Ratio Lower Upper

252 100

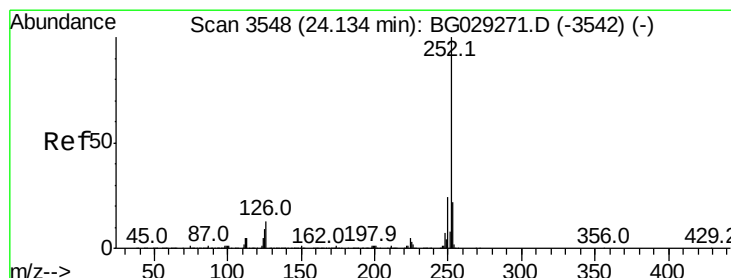
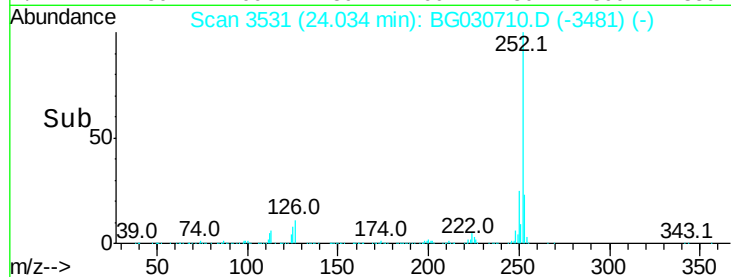
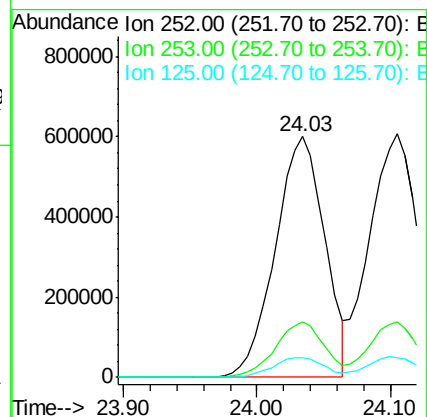
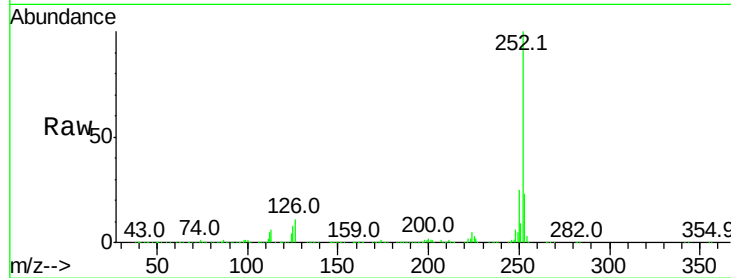
253 22.8 18.2 27.4

125 8.3 7.2 10.8

Manual Integrations
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11/4/2017 2:21:38 PM



#88

Benzo(k)fluoranthene

Concen: 51.387 ng

RT: 24.10 min Scan# 3543

Delta R.T. -0.01 min

Lab File: BG030710.D

Acq: 3 Nov 2017 21:31

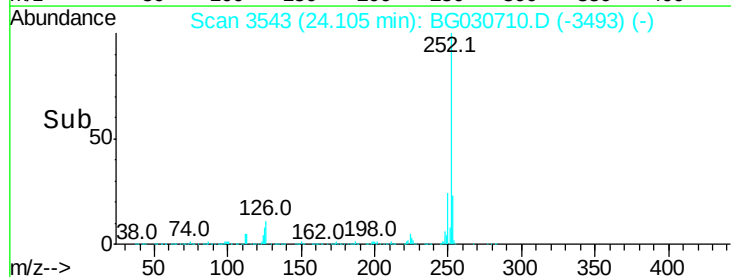
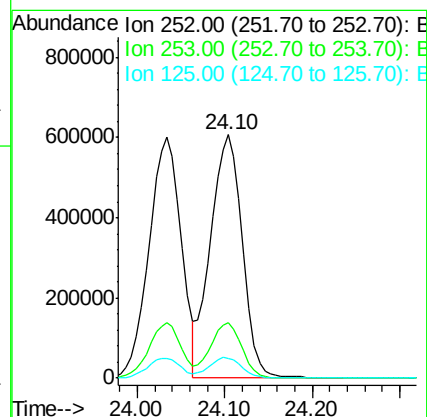
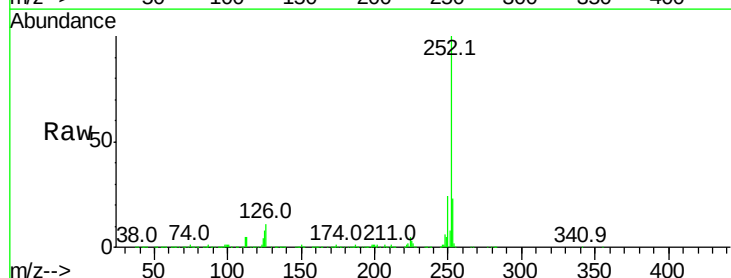
Tgt Ion:252 Resp: 1534239

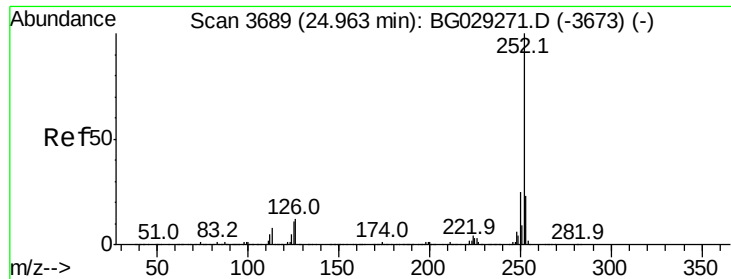
Ion Ratio Lower Upper

252 100

253 22.9 17.4 26.2

125 8.2 6.6 9.8





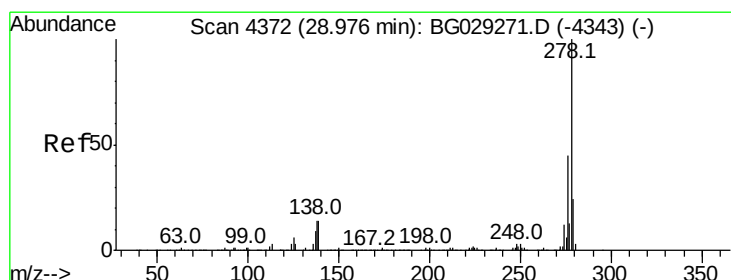
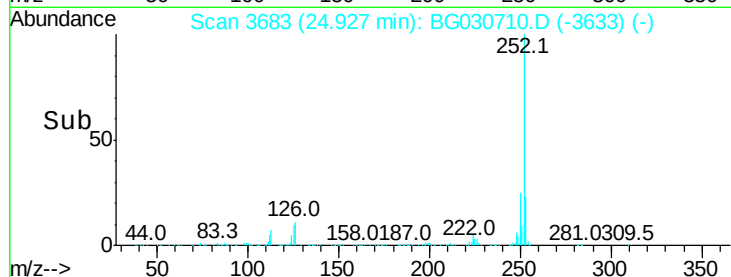
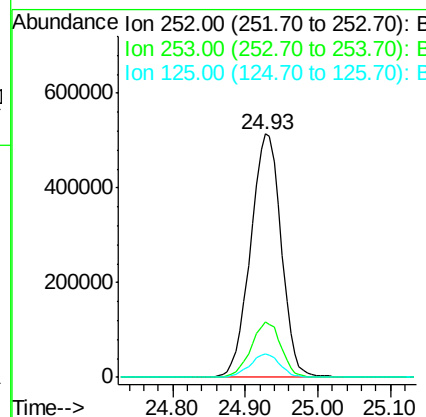
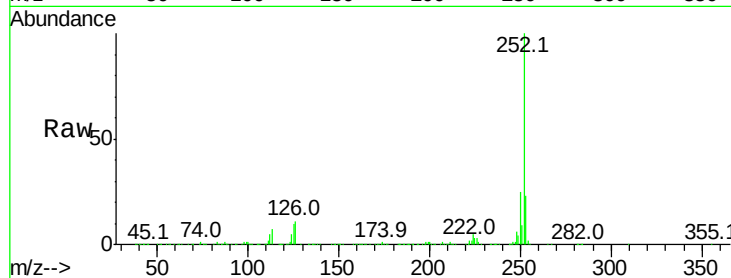
#89
Benzo(a)pyrene
Concen: 52.455 ng
RT: 24.93 min Scan# 3683
Delta R.T. -0.01 min
Lab File: BG030710.D
Acq: 3 Nov 2017 21:31

Instrument :
BNA_G
ClientSampleId :
LEONIA-GENMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.3	27.5
125	9.5	7.3	10.9

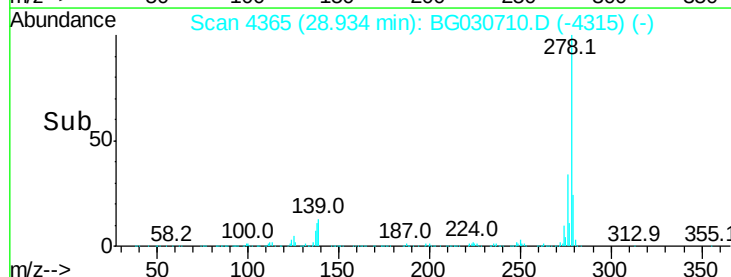
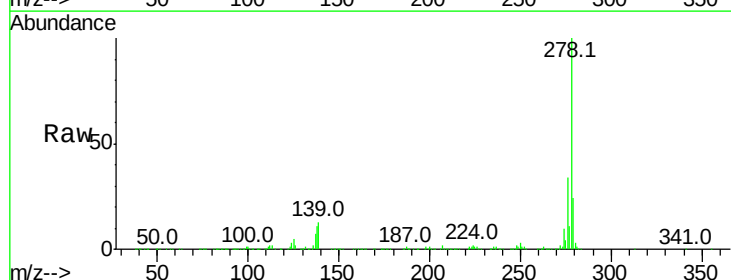
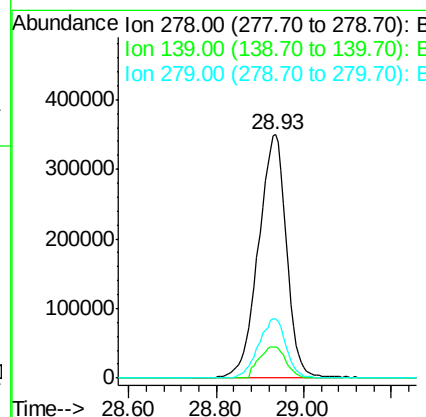
Manual Integrations
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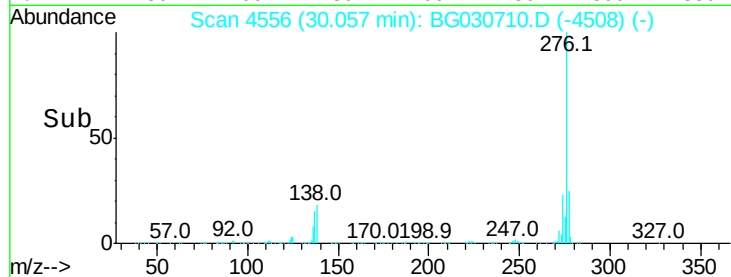
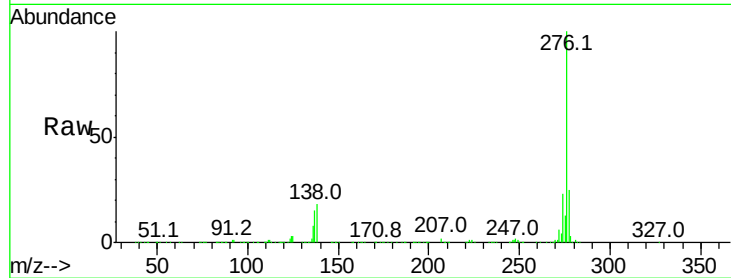
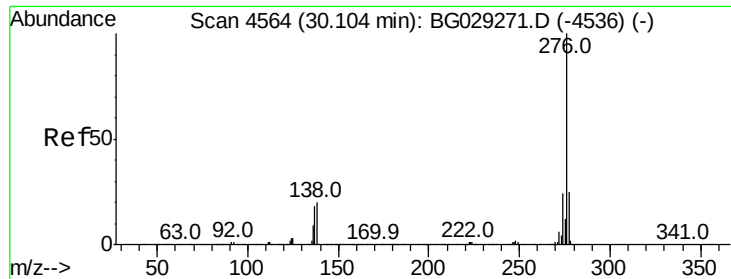
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 52.544 ng
RT: 28.93 min Scan# 4365
Delta R.T. -0.01 min
Lab File: BG030710.D
Acq: 3 Nov 2017 21:31

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.0	9.8	14.6
279	24.4	18.4	27.6





#91

Benzo(a,h,i)perylene

Concen: 56.671 ng

RT: 30.06 min Scan# 4556

Delta R.T. -0.02 min

Lab File: BG030710.D

Acq: 3 Nov 2017 21:31

Instrument :

BNA_G

ClientSampleId :

LEONIA-GENMS

Tot Ion: 276 Resp: 1535814

Ion Ratio Lower Upper

276 100

277 25.0 18.3 27.5

138 17.8 13.9 20.9

Manual Integrations

APPROVED

Sohil

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