

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG110417\
 Data File : BG030711.D
 Acq On : 3 Nov 2017 22:08
 Operator : SJ/JU
 Sample : I6189-02MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LEONIA-GENMSD

Manual Integrations
 APPROVED

Sohil
 11/4/2017 2:21:40 PM

Quant Time: Nov 03 23:27:18 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	60538	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	264462	20.00	ng	0.00
38) Acenaphthene-d10	14.77	164	185508	20.00	ng	0.00
63) Phenanthrene-d10	17.51	188	450657	20.00	ng	0.00
75) Chrysene-d12	21.78	240	489497	20.00	ng	0.00
86) Perylene-d12	25.09	264	499837	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.71	112	493192	136.10	ng	0.00
7) Phenol-d6	7.31	99	633011	124.45	ng	0.00
23) Nitrobenzene-d5	9.32	82	418065	100.46	ng	0.00
41) 2,4,6-Tribromophenol	16.25	330	368044	153.67	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	1102734	87.18	ng	0.00
78) Terphenyl-d14	20.10	244	1872517	87.02	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.58	88	63455	43.157	ng	# 83
3) Pyridine	3.99	79	144976	33.859	ng	91
4) n-Nitrosodimethylamine	3.89	42	85354	42.646	ng	# 92
6) Aniline	7.47	93	82481	13.095	ng	94
8) 2-Chlorophenol	7.72	128	195469	47.058	ng	90
9) Benzaldehyde	7.29	77	38558	15.071	ng	89
10) Phenol	7.34	94	233266	42.537	ng	92
11) bis(2-Chloroethyl)ether	7.56	93	189595	47.453	ng	91
12) 1,3-Dichlorobenzene	8.04	146	213219	45.721	ng	95
13) 1,4-Dichlorobenzene	8.19	146	213296	44.798	ng	96
14) 1,2-Dichlorobenzene	8.51	146	203255	44.259	ng	95
15) Benzyl Alcohol	8.39	79	175756	49.031	ng	90
16) 2,2'-oxybis(1-Chloropropan	8.68	45	295277	43.517	ng	93
17) 2-Methylphenol	8.59	107	176547	48.464	ng	96
18) Hexachloroethane	9.24	117	74059	45.643	ng	98
19) n-Nitroso-di-n-propylamine	8.95	70	157175	45.444	ng	# 97
20) 3+4-Methylphenols	8.92	107	240617	46.877	ng	95
22) Acetophenone	8.98	105	294755	46.248	ng	# 94
24) Nitrobenzene	9.36	77	226259	48.354	ng	# 93
25) Isophorone	9.88	82	434462	50.007	ng	# 94
26) 2-Nitrophenol	10.07	139	115553	51.669	ng	# 88
27) 2,4-Dimethylphenol	10.13	122	200418	49.532	ng	92
28) bis(2-Chloroethoxy)methane	10.36	93	267564	50.225	ng	96
29) 2,4-Dichlorophenol	10.61	162	225291	52.213	ng	93
30) 1,2,4-Trichlorobenzene	10.83	180	228189	48.951	ng	99
31) Naphthalene	11.02	128	771079	58.503	ng	98
32) Benzoic acid	10.27	122	120227	35.486	ng	# 83
33) 4-Chloroaniline	11.13	127	18671	3.368	ng	# 91
34) Hexachlorobutadiene	11.30	225	142335	49.110	ng	97
35) Caprolactam	11.89	113	63517m	44.293	ng	
36) 4-Chloro-3-methylphenol	12.24	107	233660	49.237	ng	# 87
37) 2-Methylnaphthalene	12.61	142	503108	52.374	ng	92
39) 1,2,4,5-Tetrachlorobenzene	12.98	216	275499	40.677	ng	98
40) Hexachlorocyclopentadiene	12.95	237	295594	113.158	ng	92

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Sohil
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.21	196	194932	45.848	ng	99
43) 2,4,5-Trichlorophenol	13.29	196	217808	49.882	ng	96
45) 1,1'-Biphenyl	13.60	154	664343	41.664	ng	98
46) 2-Chloronaphthalene	13.65	162	518731	44.601	ng	97
47) 2-Nitroaniline	13.85	65	153712	48.117	ng #	83
48) Acenaphthylene	14.49	152	825411	45.347	ng	98
49) Dimethylphthalate	14.22	163	687343	47.489	ng	99
50) 2,6-Dinitrotoluene	14.34	165	157416	51.881	ng #	81
51) Acenaphthene	14.83	154	522692	44.135	ng	99
52) 3-Nitroaniline	14.67	138	35912	10.969	ng #	83
53) 2,4-Dinitrophenol	14.88	184	180152	105.517	ng #	52
54) Dibenzofuran	15.17	168	845423	50.005	ng	99
55) 4-Nitrophenol	14.98	139	246056	91.158	ng #	80
56) 2,4-Dinitrotoluene	15.13	165	227424	55.370	ng #	76
57) Fluorene	15.81	166	667754	47.811	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.39	232	207219	56.882	ng #	93
59) Diethylphthalate	15.57	149	691730	47.955	ng	98
60) 4-Chlorophenyl-phenylether	15.80	204	375268	50.394	ng	96
61) 4-Nitroaniline	15.83	138	139546	41.508	ng	83
62) Azobenzene	16.09	77	608169	49.998	ng	95
64) 4,6-Dinitro-2-methylphenol	15.89	198	121671	47.531	ng	84
65) n-Nitrosodiphenylamine	16.01	169	583827	43.247	ng	100
66) 4-Bromophenyl-phenylether	16.69	248	246836	47.733	ng	98
67) Hexachlorobenzene	16.82	284	268235	45.793	ng	95
68) Atrazine	16.95	200	175512	36.437	ng	100
69) Pentachlorophenol	17.16	266	316468	94.050	ng	98
70) Phenanthrene	17.55	178	1127967	48.450	ng	98
71) Anthracene	17.64	178	1134104	48.513	ng	98
72) Carbazole	17.91	167	1018492	45.354	ng	98
73) Di-n-butylphthalate	18.45	149	1212541	46.947	ng	99
74) Fluoranthene	19.55	202	1370610	50.334	ng	95
76) Benzidine	19.73	184	81154m	5.491	ng	
77) Pyrene	19.91	202	1400105	47.151	ng	96
79) Butylbenzylphthalate	20.78	149	579219	45.785	ng	87
80) Benzo(a)anthracene	21.76	228	1413995	49.200	ng	99
81) 3,3'-Dichlorobenzidine	21.67	252	119481	10.072	ng	98
82) Chrysene	21.83	228	1314591	47.763	ng	96
83) Bis(2-ethylhexyl)phthalate	21.64	149	815893	44.939	ng	98
84) Di-n-octyl phthalate	22.88	149	1381886	43.672	ng	96
85) Indeno(1,2,3-cd)pyrene	28.88	276	1715001	50.649	ng	98
87) Benzo(b)fluoranthene	24.03	252	1429341	49.949	ng	99
88) Benzo(k)fluoranthene	24.10	252	1432170	50.236	ng	98
89) Benzo(a)pyrene	24.93	252	1395267	50.718	ng	99
90) Dibenzo(a,h)anthracene	28.93	278	1441741	51.766	ng	97
91) Benzo(g,h,i)perylene	30.06	276	1427122	55.149	ng	99

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

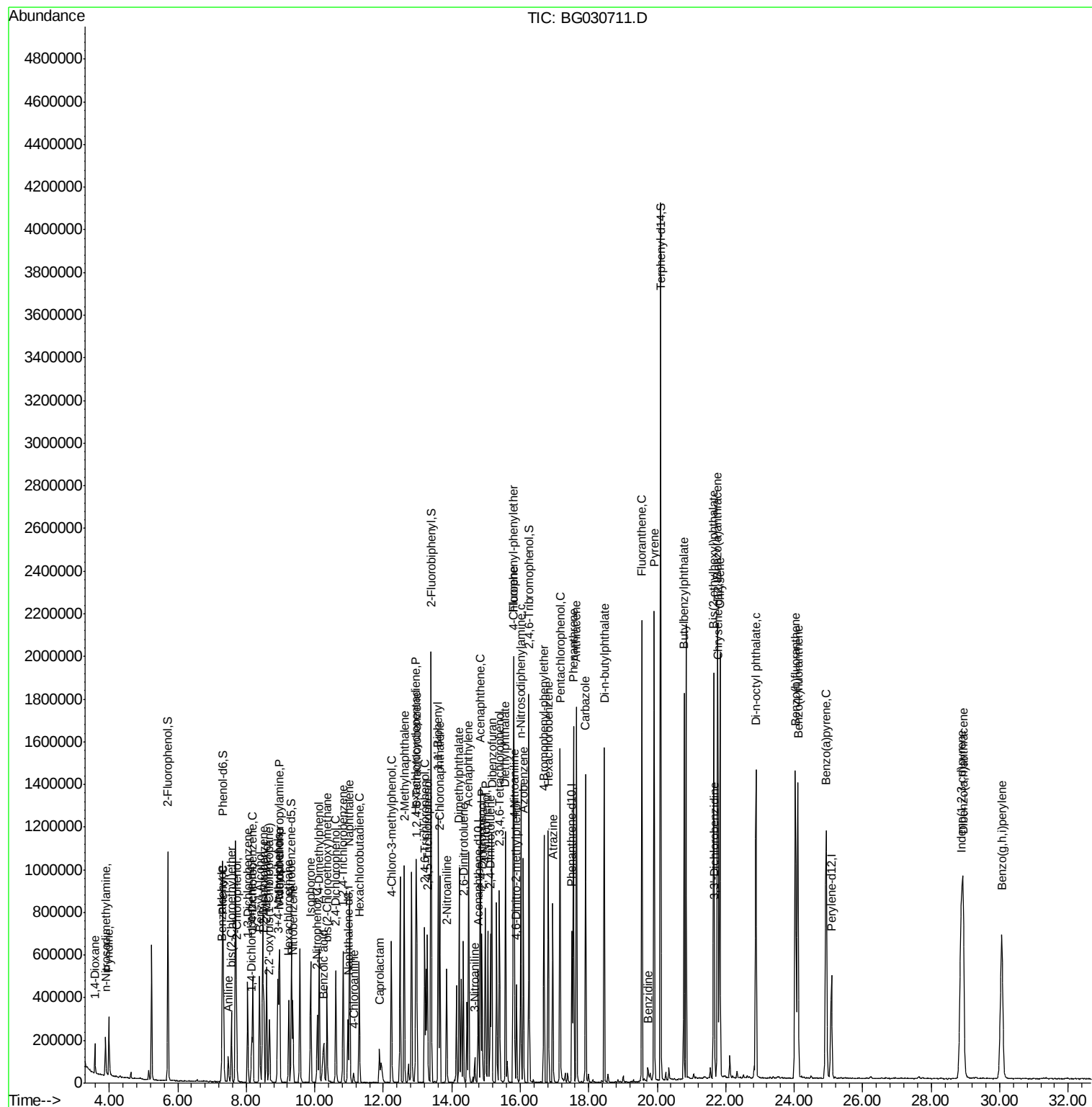
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG110417\
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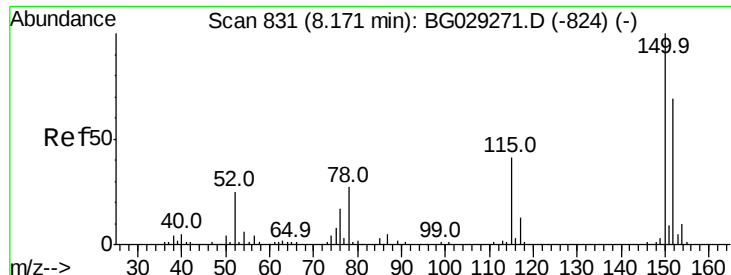
Instrument :
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.15 min Scan# 828

Delta R.T. -0.00 min

Lab File: BG030711.D

Acq: 3 Nov 2017 22:08

Instrument :

BNA_G

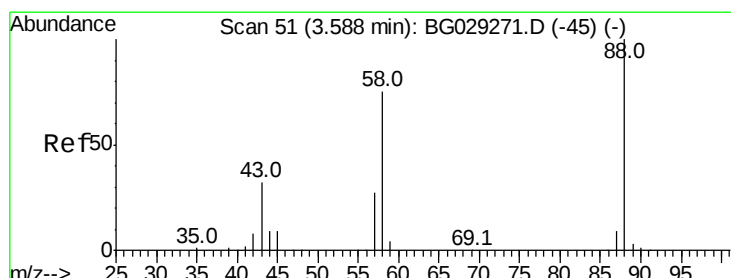
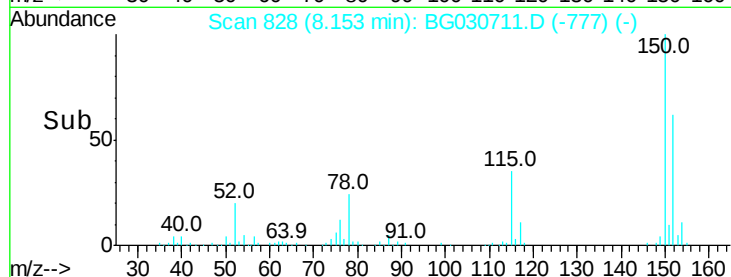
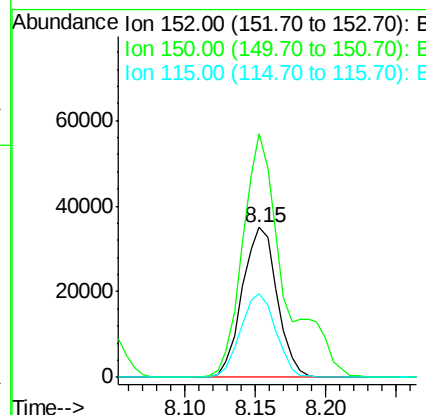
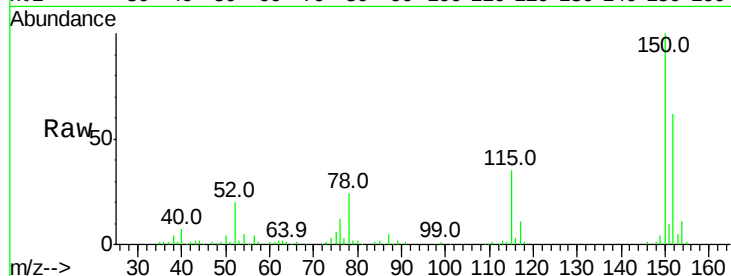
ClientSampleId :

LEONIA-GENMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.2	126.6	189.8
115	56.1	53.0	79.4

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#2

1,4-Dioxane

Concen: 43.157 ng

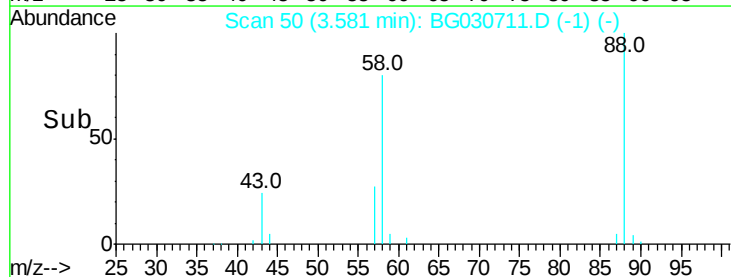
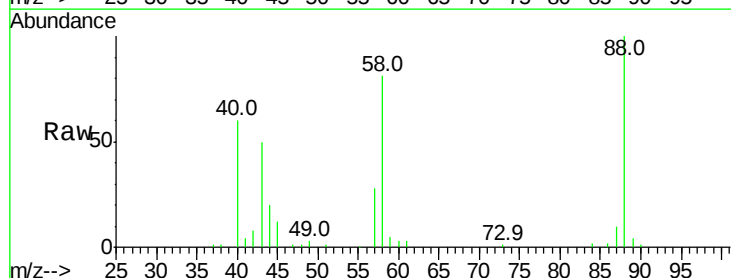
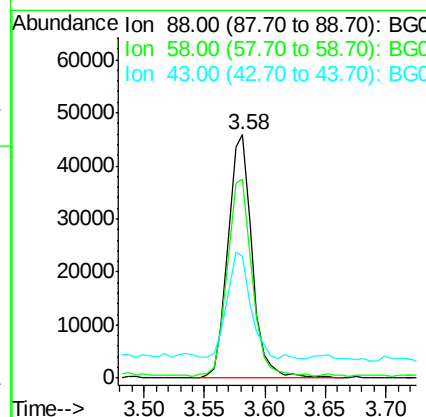
RT: 3.58 min Scan# 50

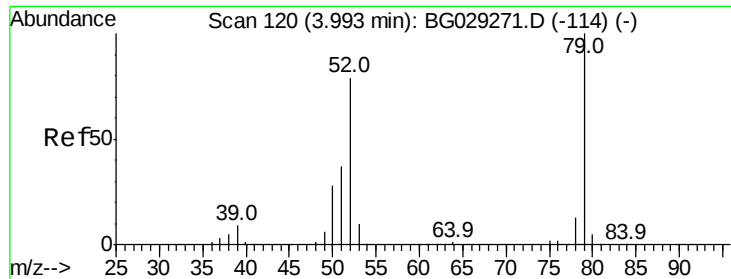
Delta R.T. 0.01 min

Lab File: BG030711.D

Acq: 3 Nov 2017 22:08

Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.2	79.6	119.4
43	43.5	27.4	41.0





#3

Pvridine

Concen: 33.859 ng

RT: 3.99 min Scan# 119

Delta R.T. 0.01 min

Lab File: BG030711.D

Acq: 3 Nov 2017 22:08

Instrument :

BNA_G

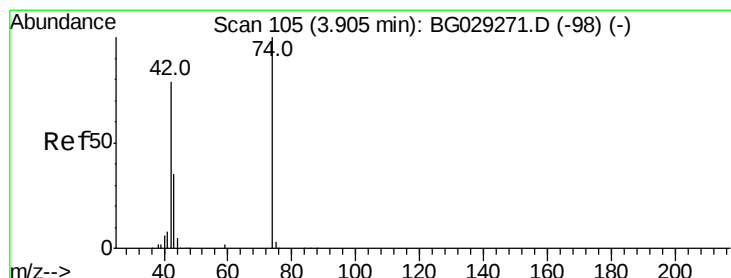
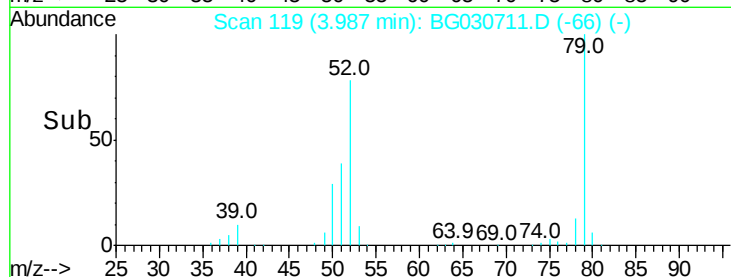
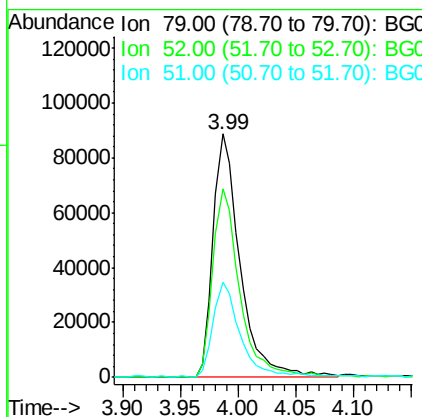
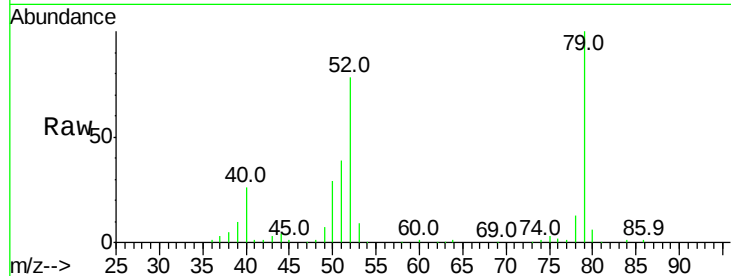
ClientSampleId :

LEONIA-GENMSD

Tot Ion:	79	Resp:	144976
Ion Ratio	Lower	Upper	
79	100		
52	77.6	69.9	104.9
51	39.3	34.0	51.0

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#4

n-Nitrosodimethylamine

Concen: 42.646 ng

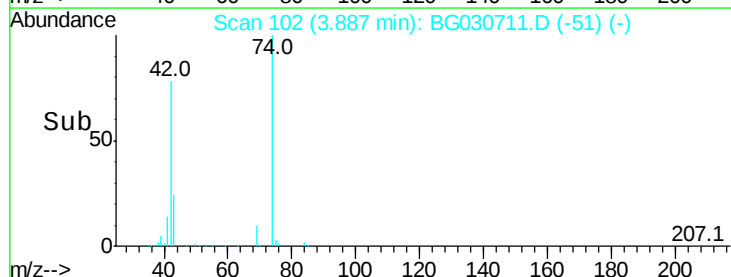
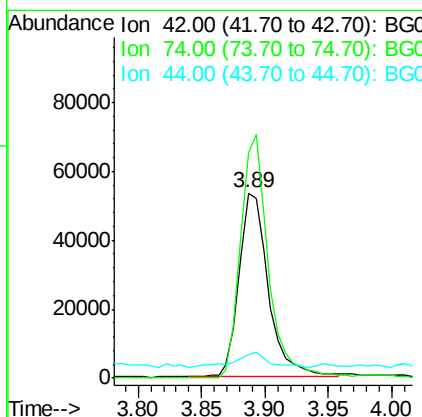
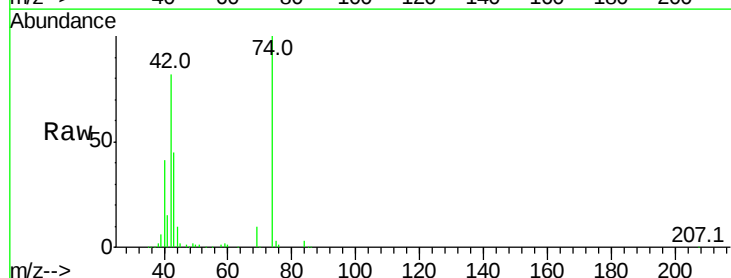
RT: 3.89 min Scan# 102

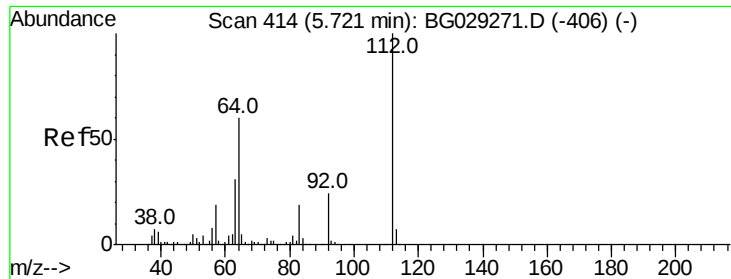
Delta R.T. -0.00 min

Lab File: BG030711.D

Acq: 3 Nov 2017 22:08

Tgt Ion:	42	Resp:	85354
Ion Ratio	Lower	Upper	
42	100		
74	122.0	102.5	153.7
44	12.3	18.9	28.3#





#5

2-Fluorophenol

Concen: 136.097 ng

RT: 5.71 min Scan# 412

Delta R.T. -0.00 min

Lab File: BG030711.D

Acq: 3 Nov 2017 22:08

Instrument :

BNA_G

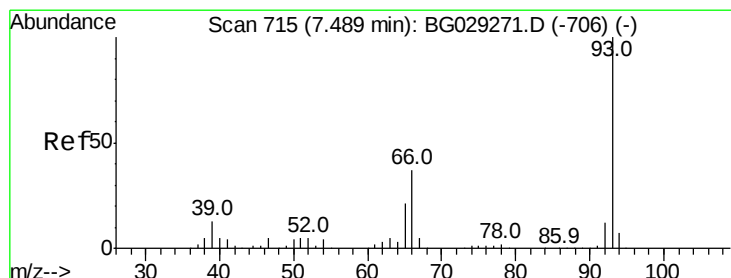
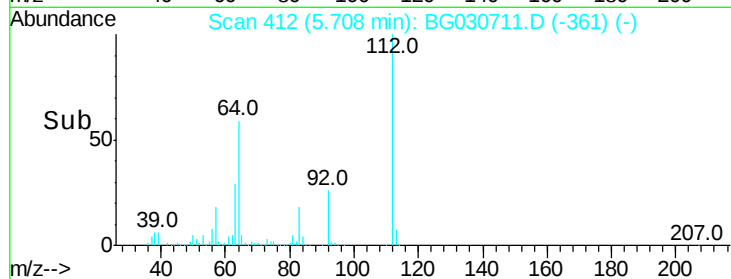
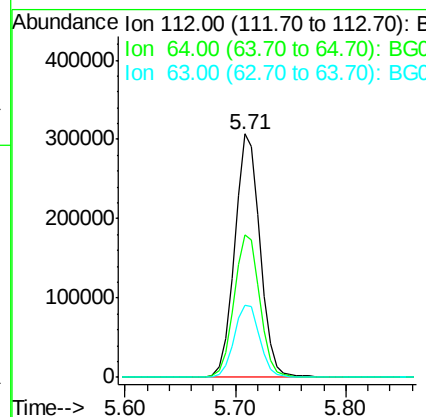
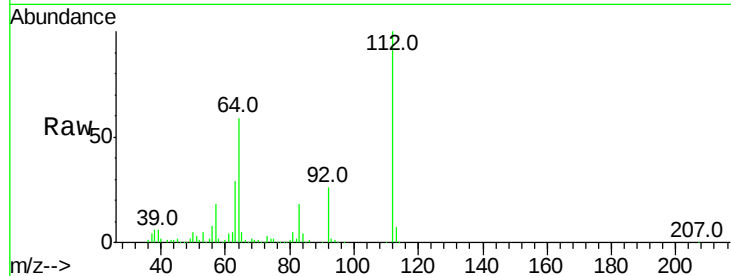
ClientSampleId :

LEONIA-GENMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		493192		
64	58.7	56.3		84.5	
63	29.4	30.1		45.1	

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#6

Aniline

Concen: 13.095 ng

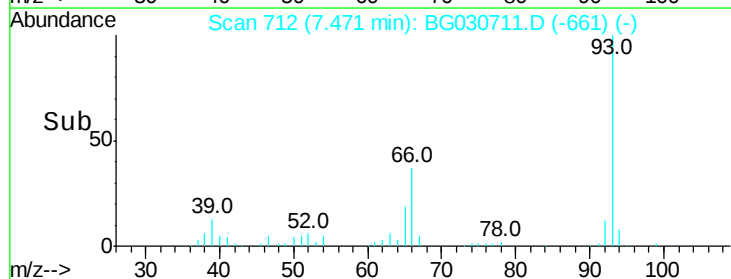
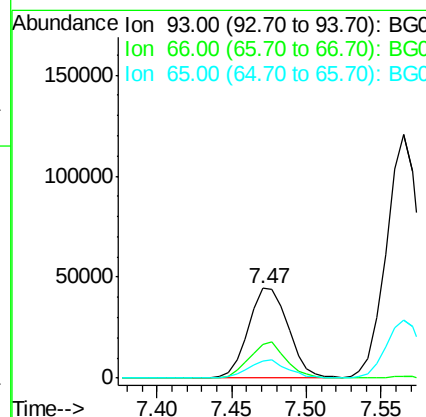
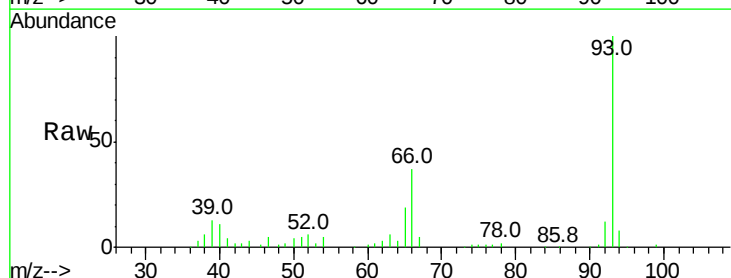
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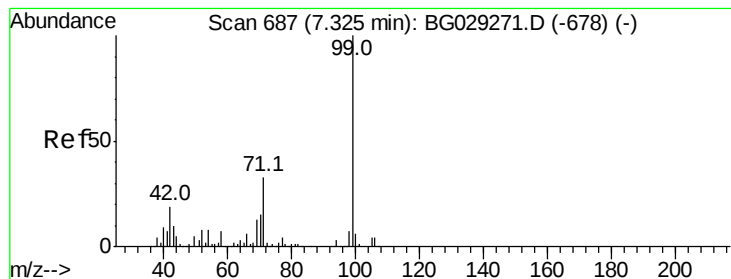
Delta R.T. -0.00 min

Lab File: BG030711.D

Acq: 3 Nov 2017 22:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		82481		
66	37.3	33.7		50.5	
65	18.7	16.1		24.1	





#7

Phenol-d6

Concen: 124.446 ng

RT: 7.31 min Scan# 685

Delta R.T. 0.01 min

Lab File: BG030711.D

Acq: 3 Nov 2017 22:08

Instrument :

BNA_G

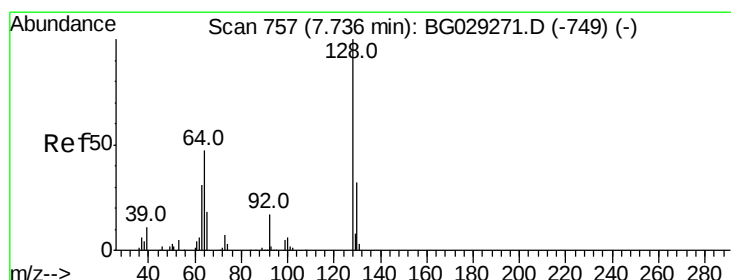
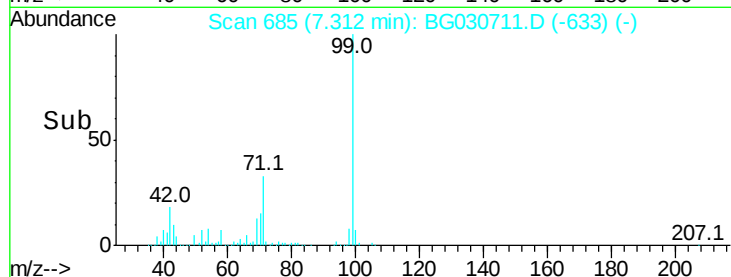
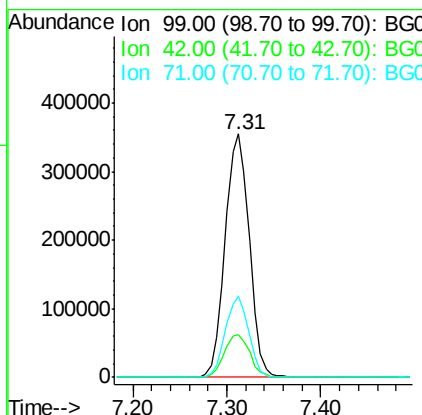
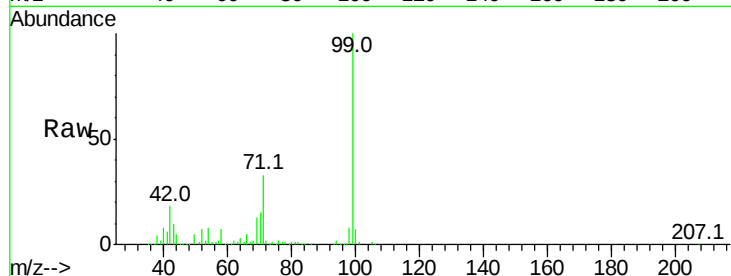
ClientSampleId :

LEONIA-GENMSD

Tot Ion:	99	Resp:	633011
Ion Ratio	Lower	Upper	
99	100		
42	17.6	14.1	21.1
71	33.5	26.1	39.1

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#8

2-Chlorophenol

Concen: 47.058 ng

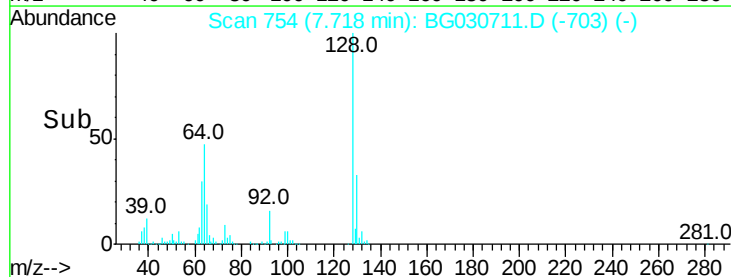
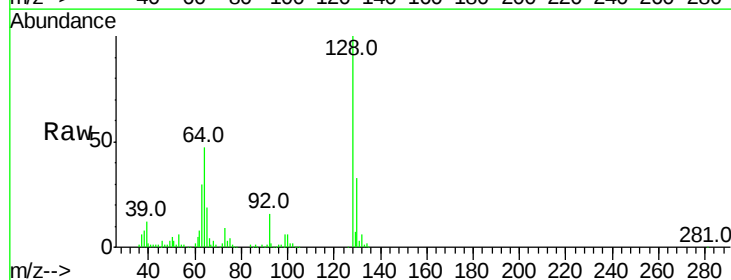
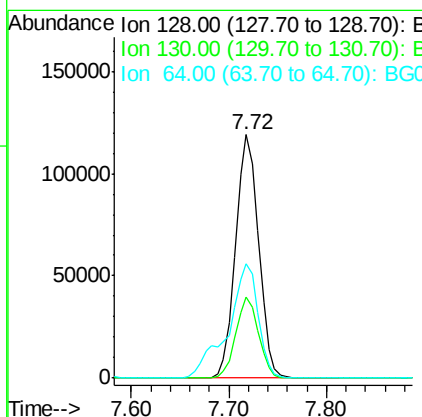
RT: 7.72 min Scan# 754

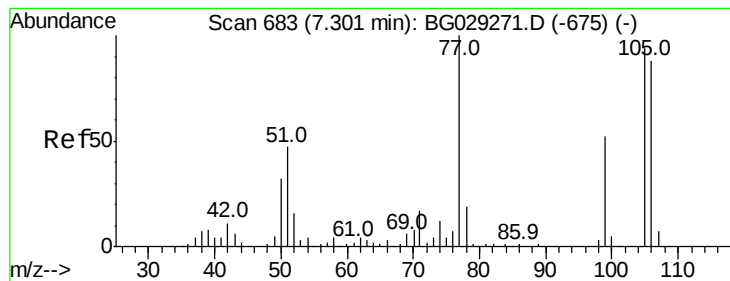
Delta R.T. -0.00 min

Lab File: BG030711.D

Acq: 3 Nov 2017 22:08

Tgt Ion:	128	Resp:	195469
Ion Ratio	Lower	Upper	
128	100		
130	33.3	14.0	54.0
64	46.7	37.7	77.7





#9

Benzaldehyde

Concen: 15.071 ng

RT: 7.29 min Scan# 681

Delta R.T. -0.00 min

Lab File: BG030711.D

Acq: 3 Nov 2017 22:08

Instrument :

BNA_G

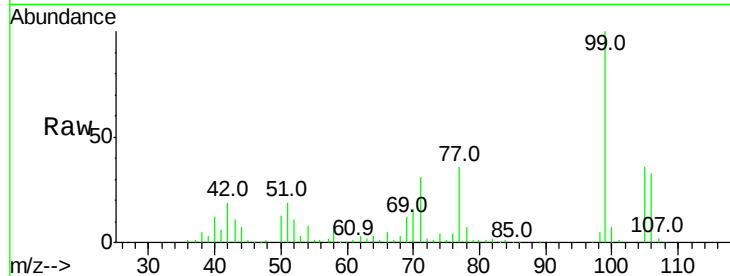
ClientSampleId :

LEONIA-GENMSD

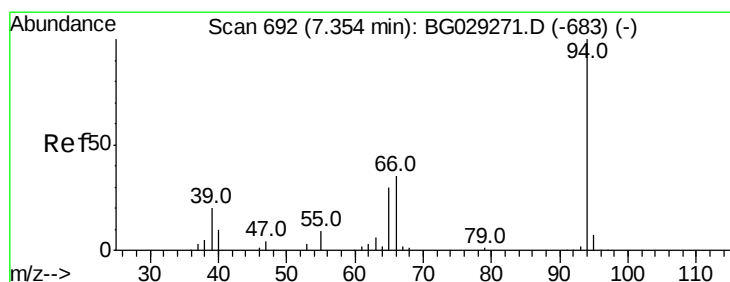
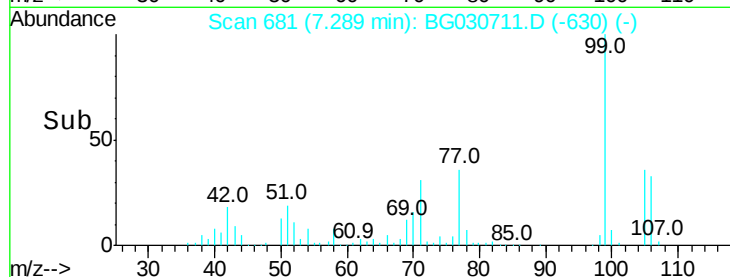
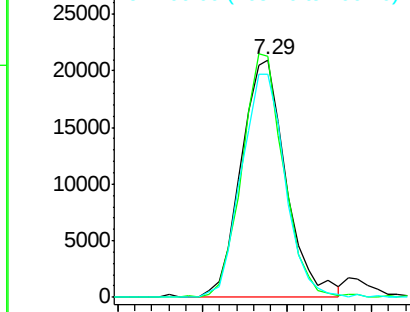
Tot Ion:	77	Resp:	38558
Ion	Ratio	Lower	Upper
77	100		
105	101.6	71.3	111.3
106	94.0	64.2	104.2

Manual Integrations
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Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 42.537 ng

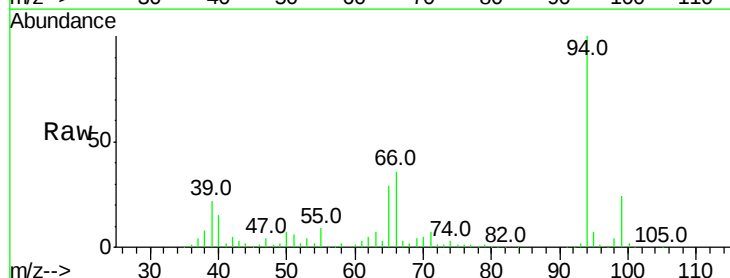
RT: 7.34 min Scan# 689

Delta R.T. -0.00 min

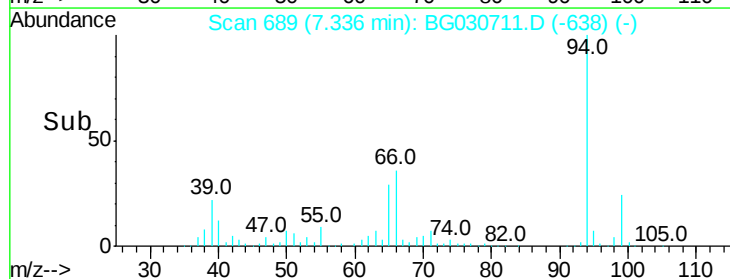
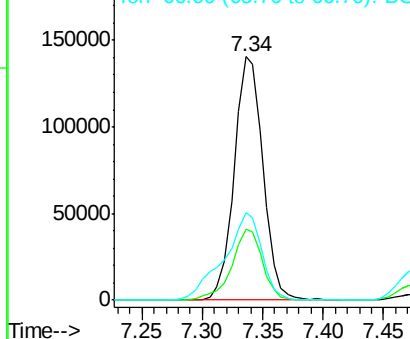
Lab File: BG030711.D

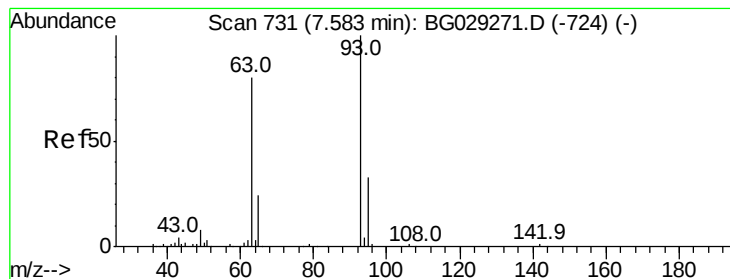
Acq: 3 Nov 2017 22:08

Tgt Ion:	94	Resp:	233266
Ion	Ratio	Lower	Upper
94	100		
65	29.3	11.9	51.9
66	36.0	22.2	62.2



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 47.453 ng

RT: 7.56 min Scan# 728

Delta R.T. -0.00 min

Lab File: BG030711.D

Acq: 3 Nov 2017 22:08

Instrument :

BNA_G

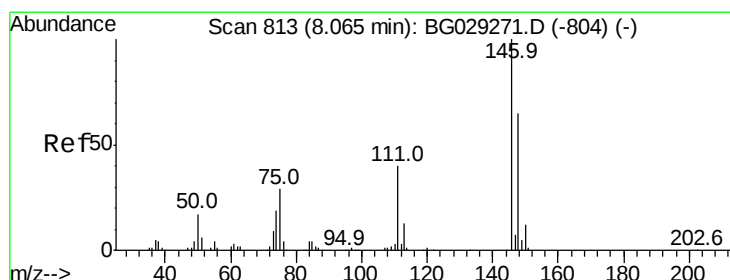
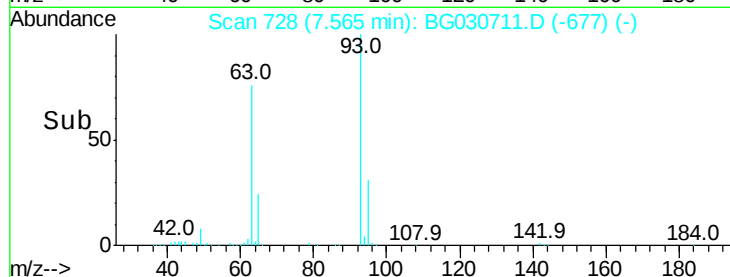
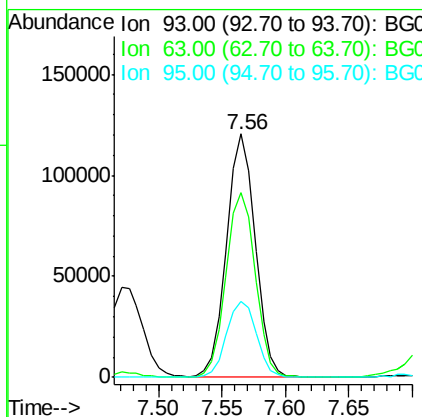
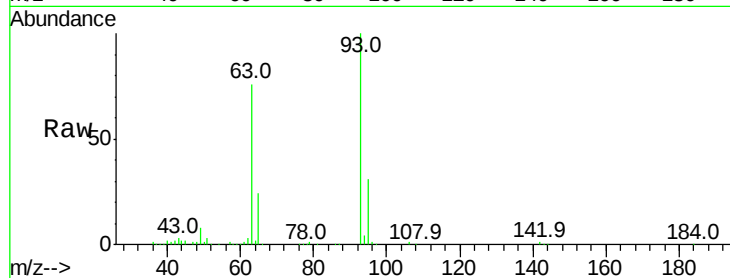
ClientSampleId :

LEONIA-GENMSD

Tot Ion:	93	Resp:	189595
Ion	Ratio	Lower	Upper
93	100		
63	75.9	67.1	107.1
95	31.1	11.5	51.5

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 45.721 ng

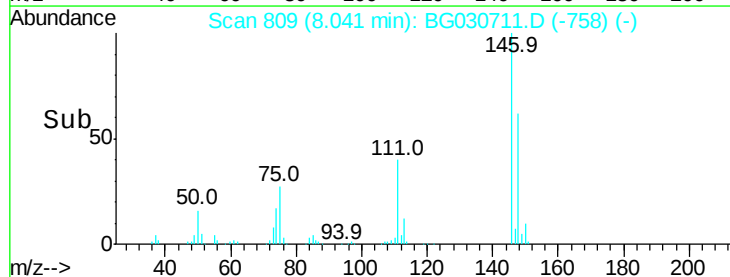
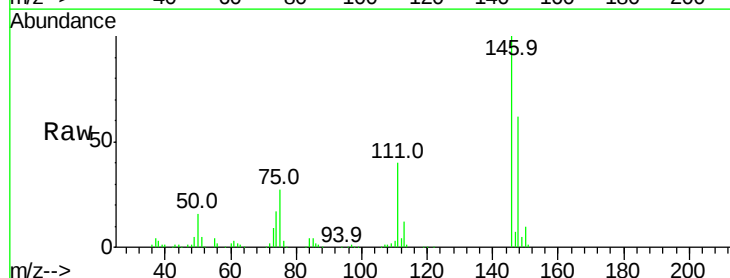
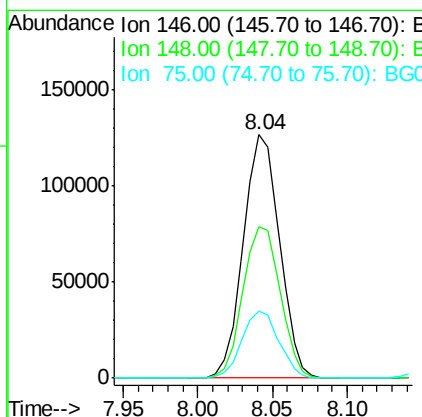
RT: 8.04 min Scan# 809

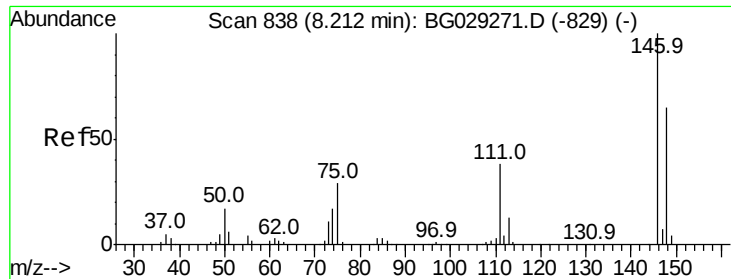
Delta R.T. -0.00 min

Lab File: BG030711.D

Acq: 3 Nov 2017 22:08

Tgt Ion:	146	Resp:	213219
Ion	Ratio	Lower	Upper
146	100		
148	62.4	51.4	77.2
75	27.5	26.6	39.8





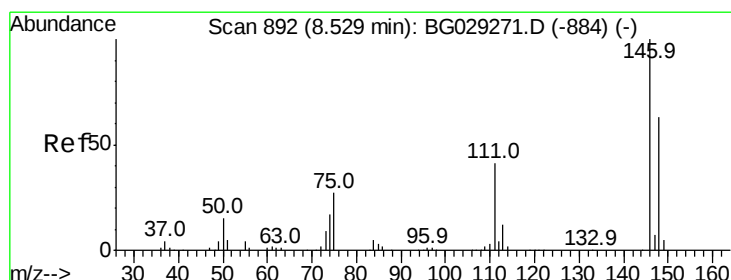
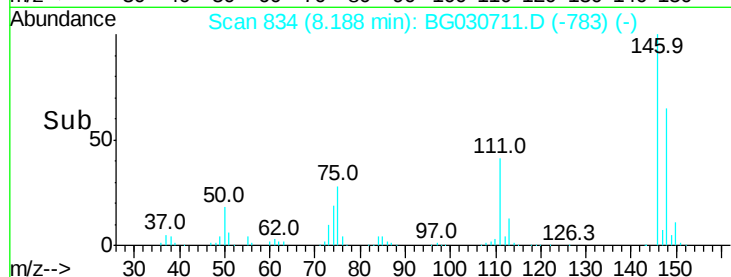
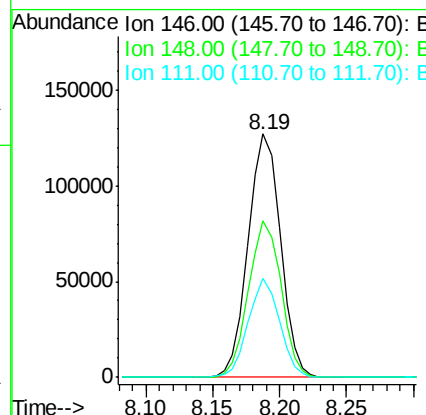
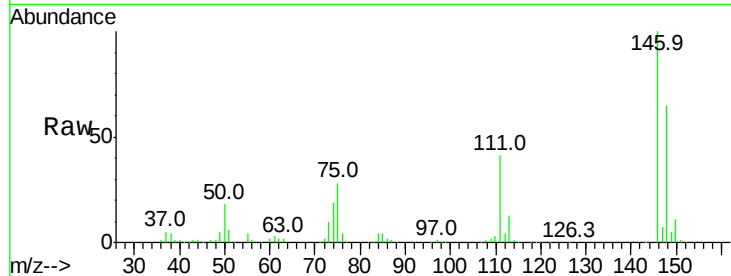
#13
 1,4-Dichlorobenzene
 Concen: 44.798 ng
 RT: 8.19 min Scan# 834
 Delta R.T. -0.00 min
 Lab File: BG030711.D
 Acq: 3 Nov 2017 22:08

Instrument :
 BNA_G
 ClientSampleId :
 LEONIA-GENMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.5	53.7	80.5
111	40.9	35.2	52.8

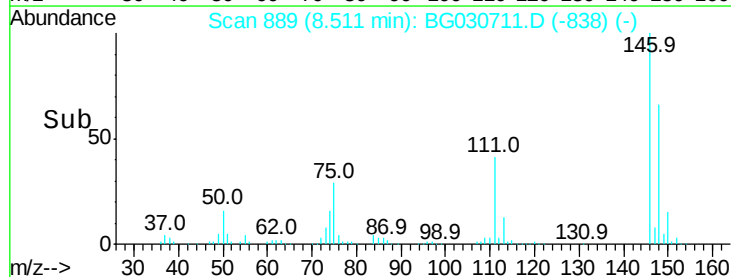
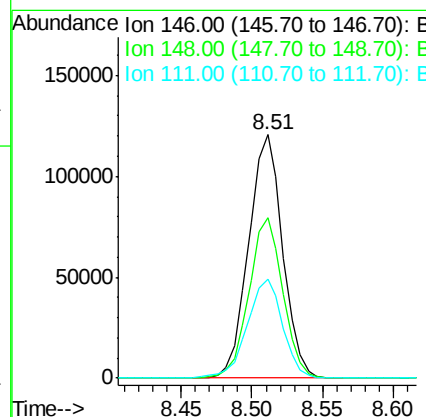
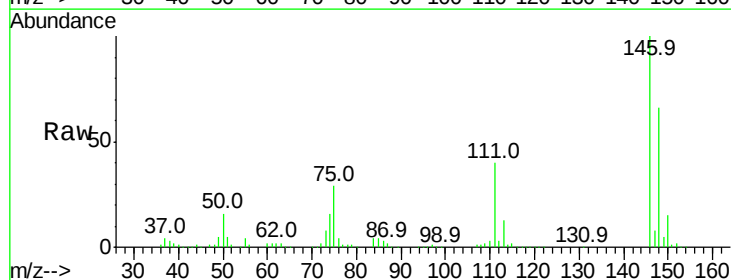
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#14
 1,2-Dichlorobenzene
 Concen: 44.259 ng
 RT: 8.51 min Scan# 889
 Delta R.T. -0.00 min
 Lab File: BG030711.D
 Acq: 3 Nov 2017 22:08

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.1	49.3	73.9
111	40.4	34.3	51.5





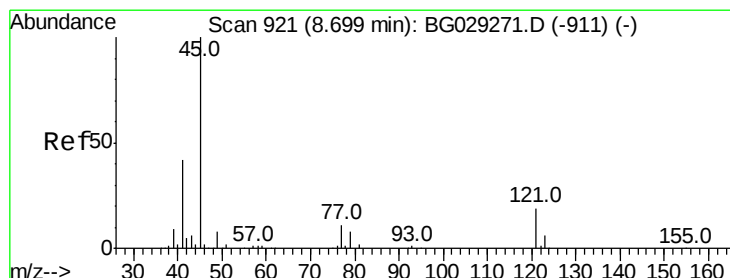
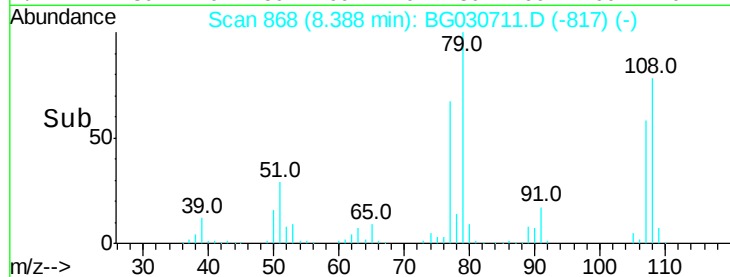
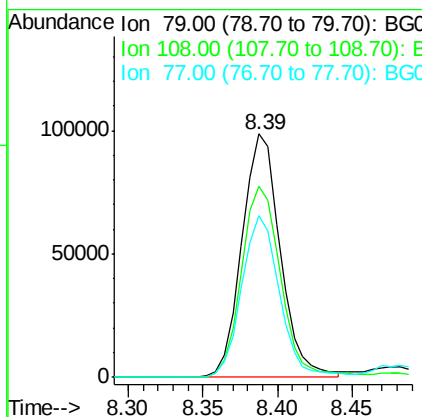
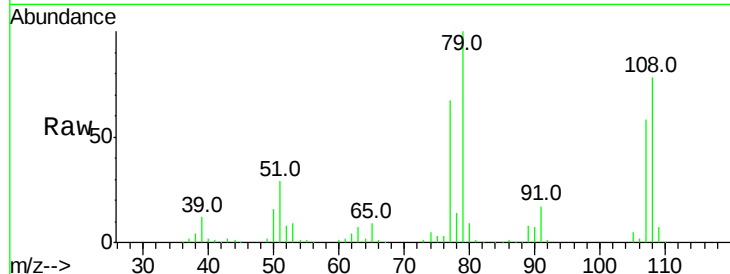
#15
Benzyl Alcohol
Concen: 49.031 ng
RT: 8.39 min Scan# 868
Delta R.T. -0.00 min
Lab File: BG030711.D
Acq: 3 Nov 2017 22:08

Instrument :
BNA_G
ClientSampleId :
LEONIA-GENMSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	78.4	57.2	85.8
77	66.6	46.1	69.1

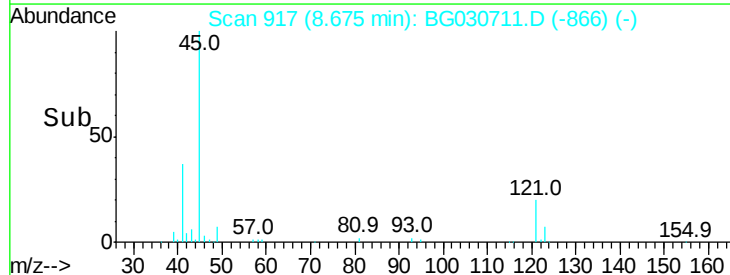
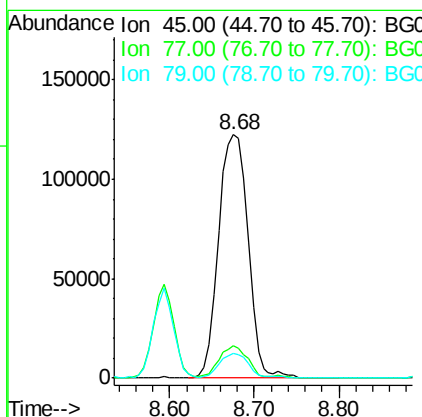
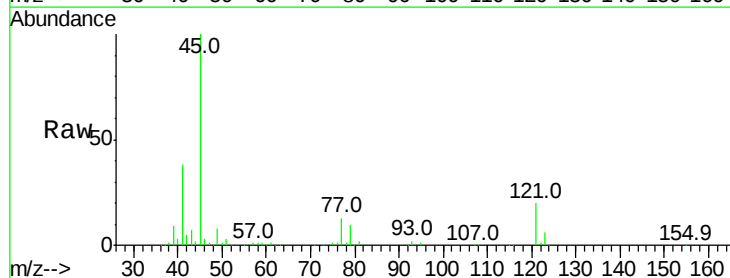
Manual Integrations
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#16
2,2'-oxybis(1-chloropropane)
Concen: 43.517 ng
RT: 8.68 min Scan# 917
Delta R.T. -0.00 min
Lab File: BG030711.D
Acq: 3 Nov 2017 22:08

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.3	0.0	30.2
79	10.1	0.0	27.9





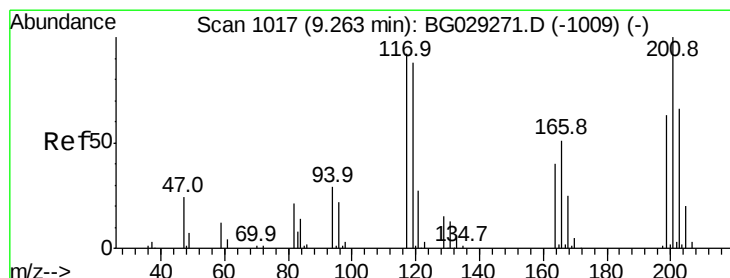
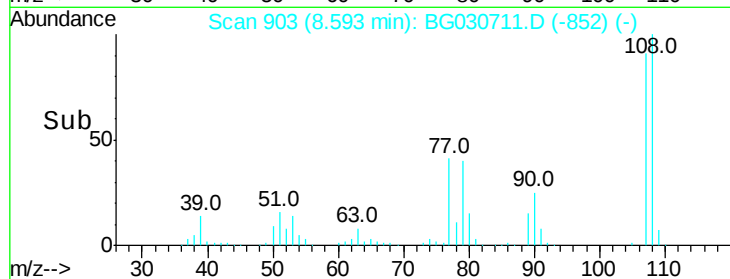
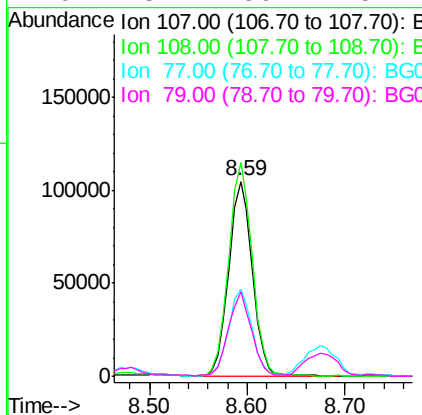
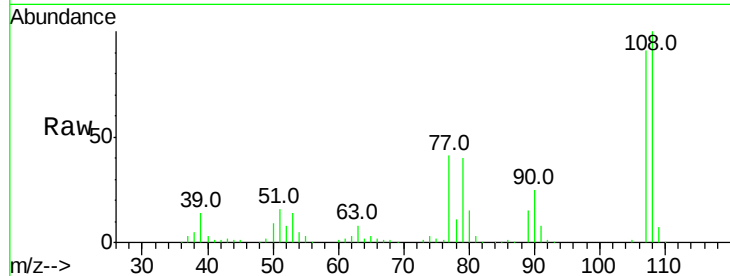
#17
2-Methylphenol
Concen: 48.464 ng
RT: 8.59 min Scan# 903
Delta R.T. -0.00 min
Lab File: BG030711.D
Acq: 3 Nov 2017 22:08

Instrument :
BNA_G
ClientSampleId :
LEONIA-GENMSD

Tot Ion:	107	Resp:	176547
Ion Ratio	Lower	Upper	
107	100		
108	109.5	83.9	125.9
77	44.9	37.2	55.8
79	43.4	36.2	54.2

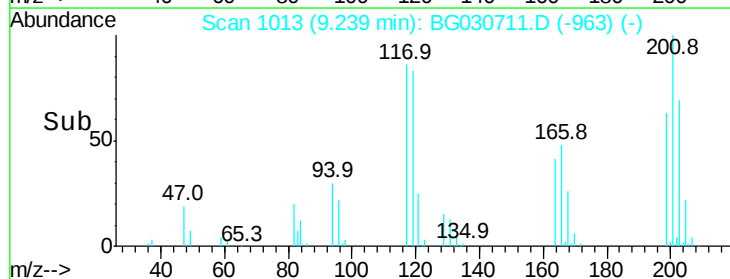
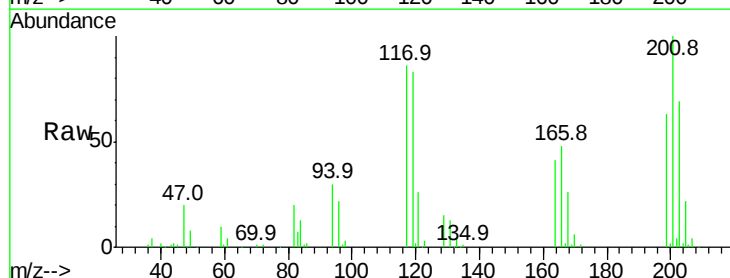
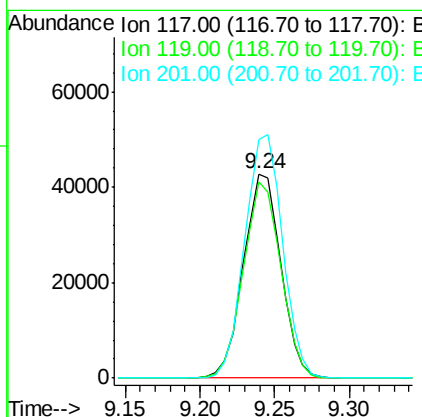
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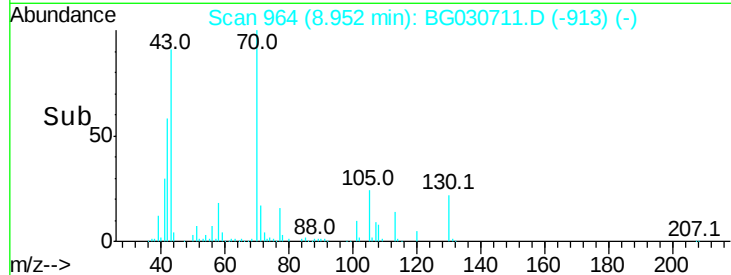
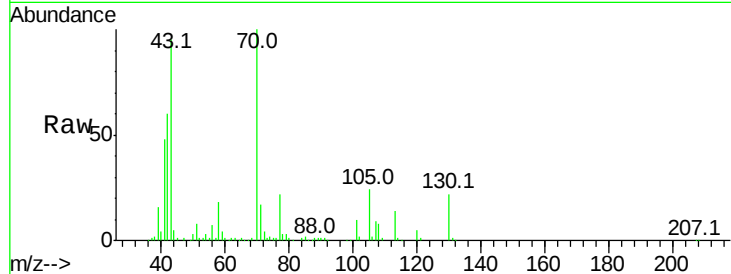
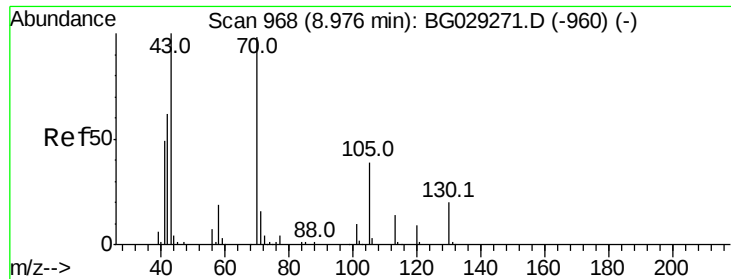
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#18
Hexachloroethane
Concen: 45.643 ng
RT: 9.24 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BG030711.D
Acq: 3 Nov 2017 22:08

Tgt Ion:	117	Resp:	74059
Ion Ratio	Lower	Upper	
117	100		
119	96.3	76.7	115.1
201	116.7	95.7	143.5





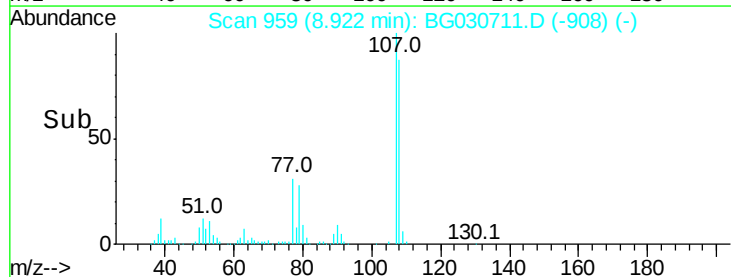
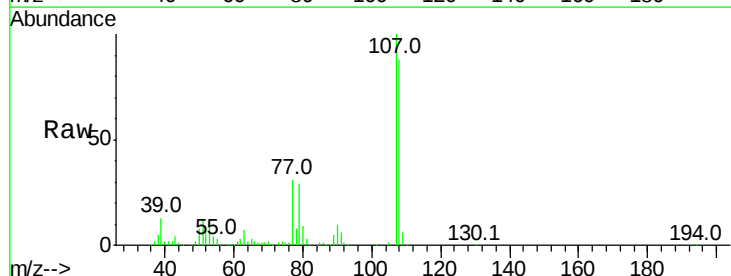
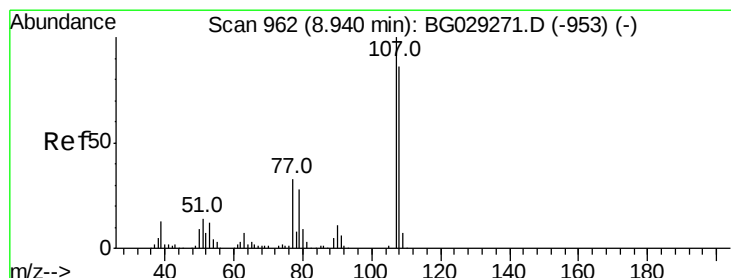
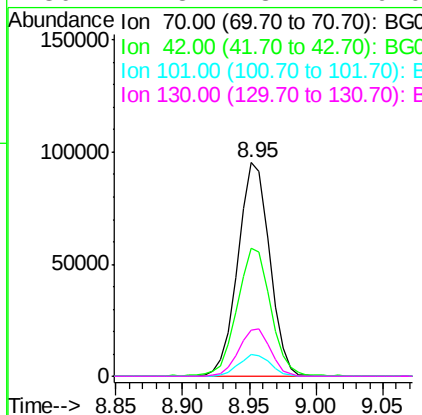
#19
n-Nitroso-di-n-propylamine
Concen: 45.444 ng
RT: 8.95 min Scan# 964
Delta R.T. -0.00 min
Lab File: BG030711.D
Acq: 3 Nov 2017 22:08

Instrument :
BNA_G
ClientSampleId :
LEONIA-GENMSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	60.1	49.1	73.7
101	10.2	8.5	12.7
130	21.8	13.4	20.0#

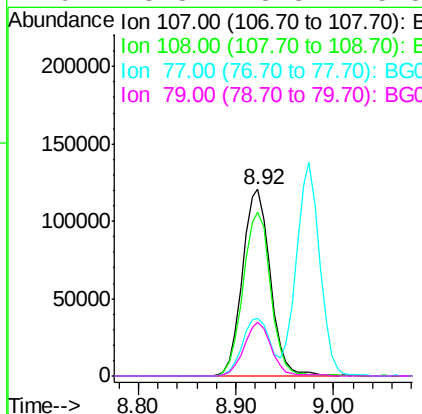
Manual Integrations
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#20
3+4-Methylphenols
Concen: 46.877 ng
RT: 8.92 min Scan# 959
Delta R.T. -0.00 min
Lab File: BG030711.D
Acq: 3 Nov 2017 22:08

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.9	61.6	101.6
77	31.1	13.9	53.9
79	28.8	8.8	48.8





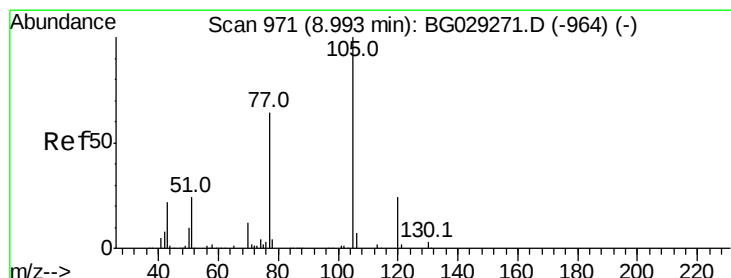
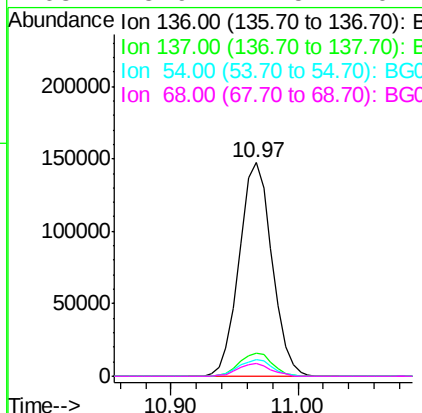
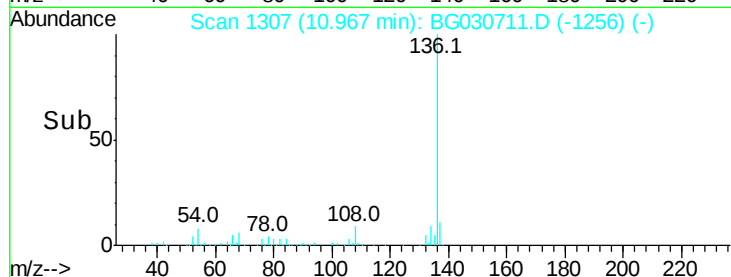
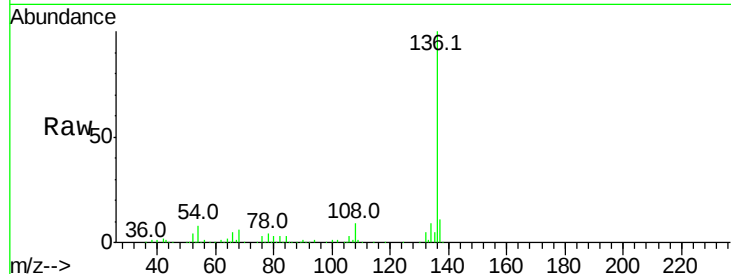
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BG030711.D
Acq: 3 Nov 2017 22:08

Instrument :
BNA_G
ClientSampleId :
LEONIA-GENMSD

Tot Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.2	13.8
54	7.9	10.3	15.5#
68	5.9	4.5	6.7

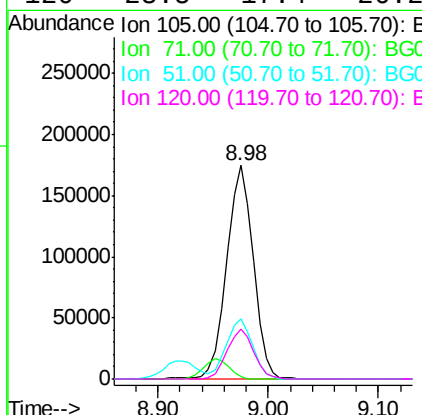
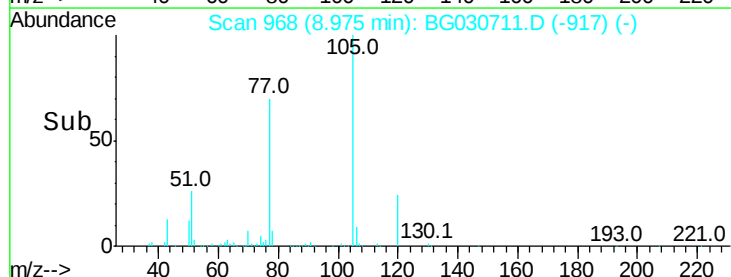
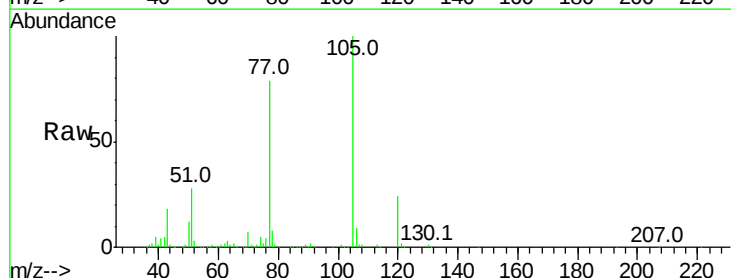
Manual Integrations
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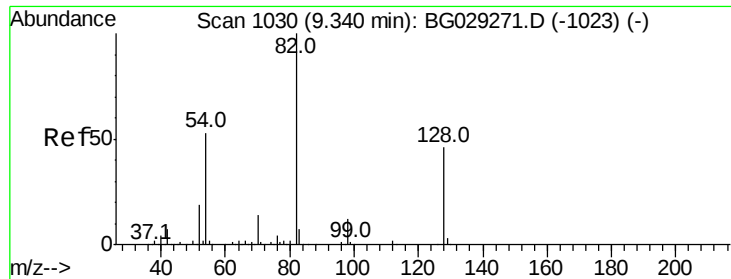
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#22
Acetophenone
Concen: 46.248 ng
RT: 8.98 min Scan# 968
Delta R.T. -0.00 min
Lab File: BG030711.D
Acq: 3 Nov 2017 22:08

Tgt Ion	Ratio	Lower	Upper
105	100		
71	1.4	3.0	4.4#
51	28.2	26.1	39.1
120	23.5	17.4	26.2





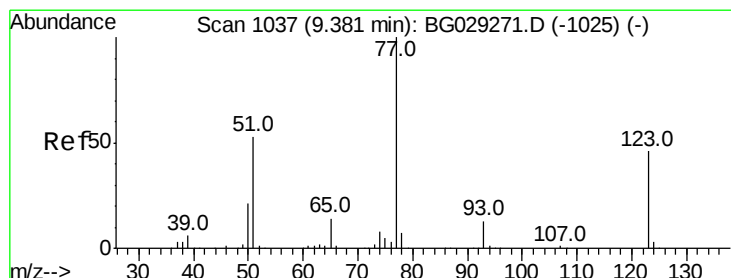
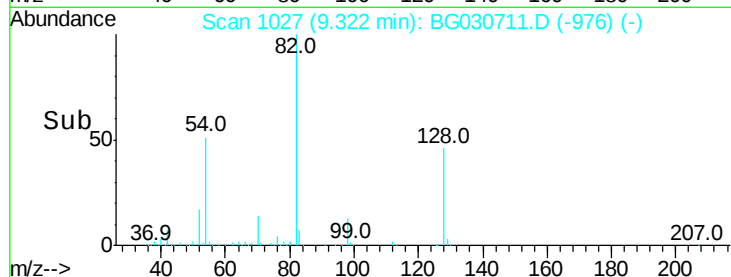
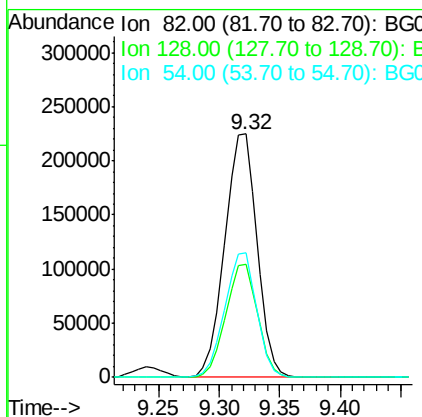
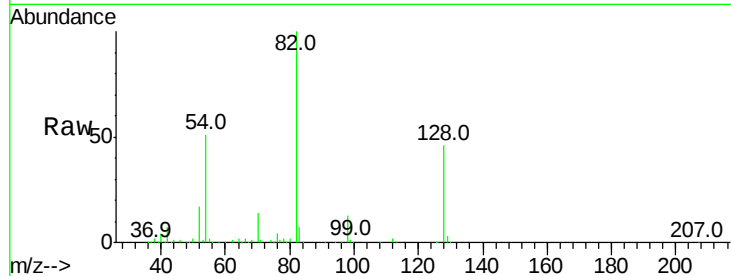
#23
Nitrobenzene-d5
Concen: 100.456 ng
RT: 9.32 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BG030711.D
Acq: 3 Nov 2017 22:08

Instrument :
BNA_G
ClientSampleId :
LEONIA-GENMSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.5	29.7	44.5#
54	51.2	43.1	64.7

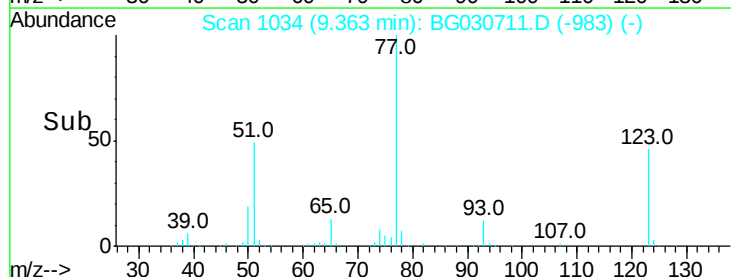
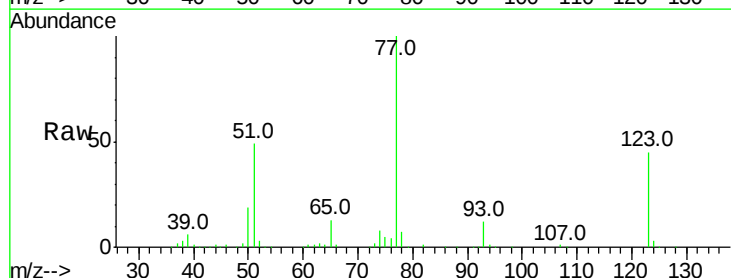
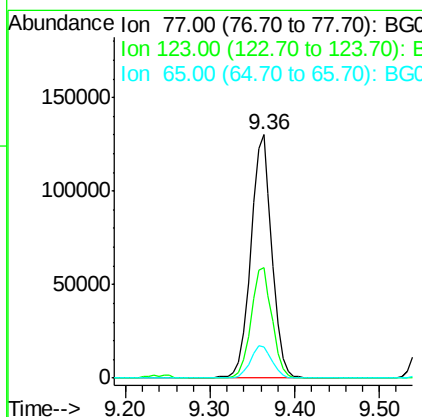
Manual Integrations
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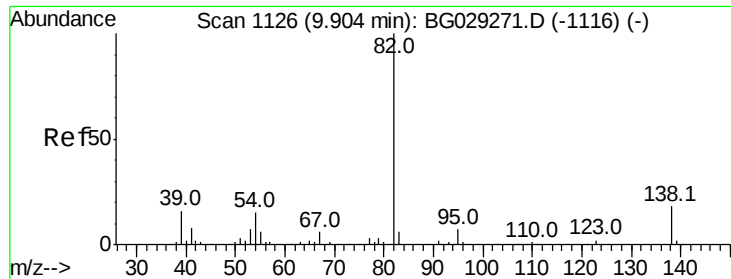
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#24
Nitrobenzene
Concen: 48.354 ng
RT: 9.36 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BG030711.D
Acq: 3 Nov 2017 22:08

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.4	33.0	49.6
65	12.8	13.0	19.6#





#25

Isophorone

Concen: 50.007 ng

RT: 9.88 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BG030711.D

Acq: 3 Nov 2017 22:08

Instrument :

BNA_G

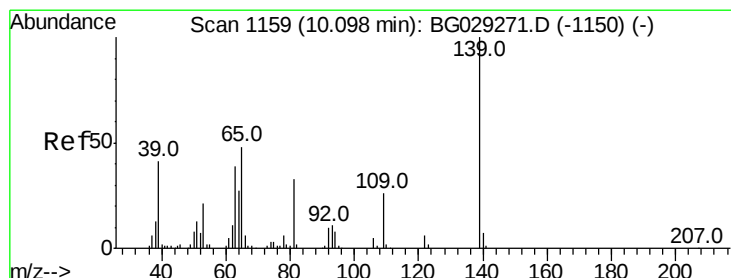
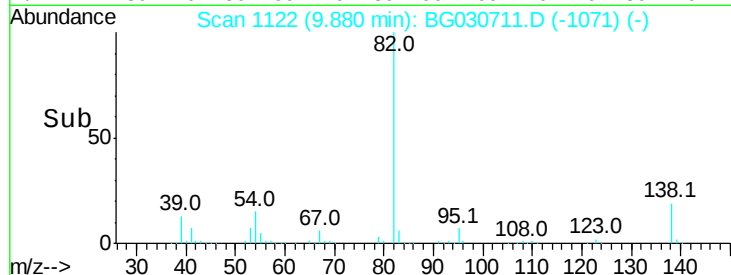
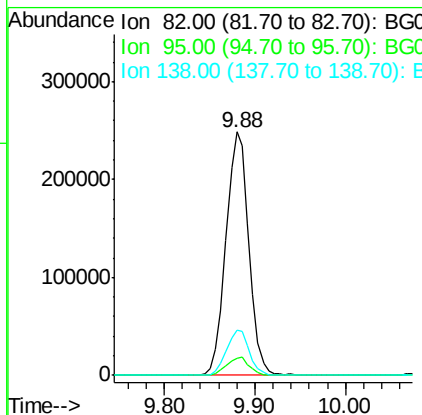
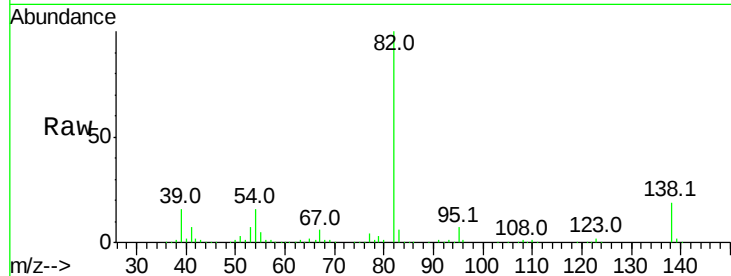
ClientSampleId :

LEONIA-GENMSD

Tot Ion	82	Resp	434462
Ion Ratio	Lower	Upper	
82	100		
95	6.8	6.2	9.2
138	18.5	12.1	18.1#

Manual Integrations
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#26

2-Nitrophenol

Concen: 51.669 ng

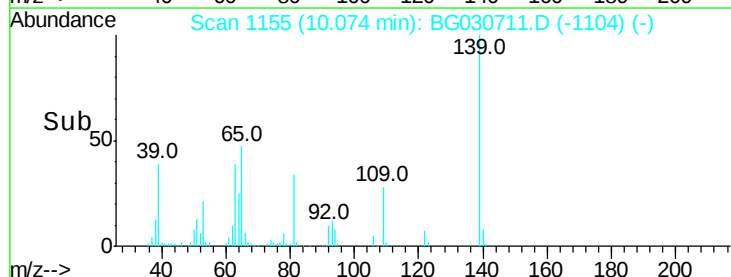
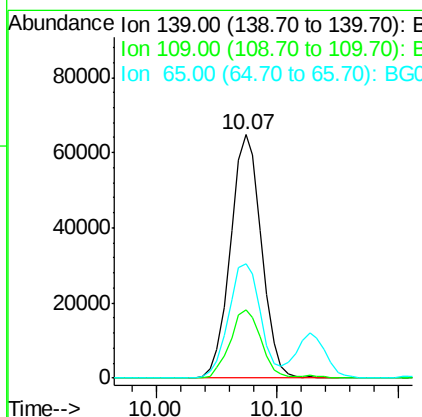
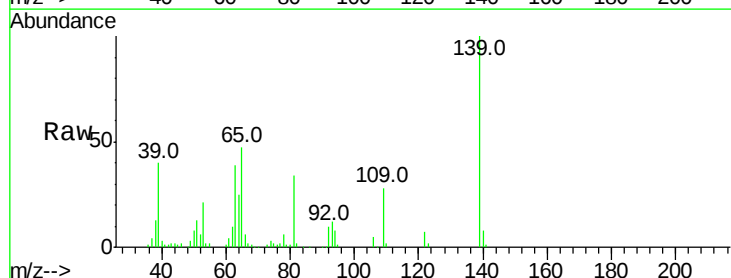
RT: 10.07 min Scan# 1155

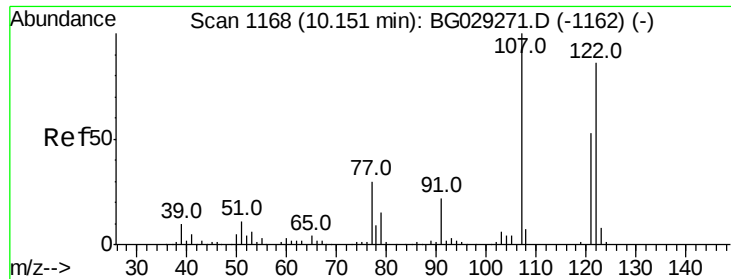
Delta R.T. -0.00 min

Lab File: BG030711.D

Acq: 3 Nov 2017 22:08

Tgt Ion	139	Resp	115553
Ion Ratio	Lower	Upper	
139	100		
109	27.8	24.2	36.2
65	47.0	47.4	71.0#





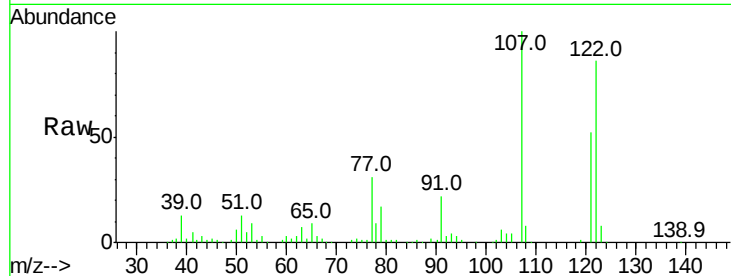
#27
 2,4-Dimethylphenol
 Concen: 49.532 ng
 RT: 10.13 min Scan# 1164
 Delta R.T. -0.00 min
 Lab File: BG030711.D
 Acq: 3 Nov 2017 22:08

Instrument :
 BNA_G
 ClientSampleId :
 LEONIA-GENMSD

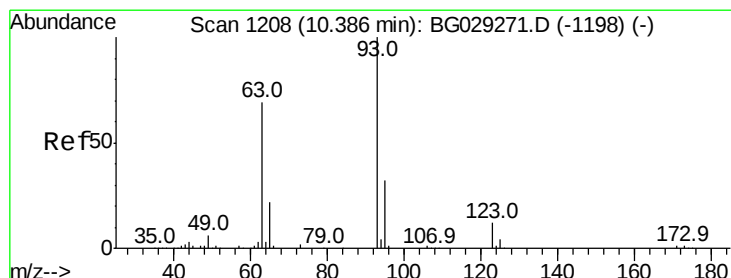
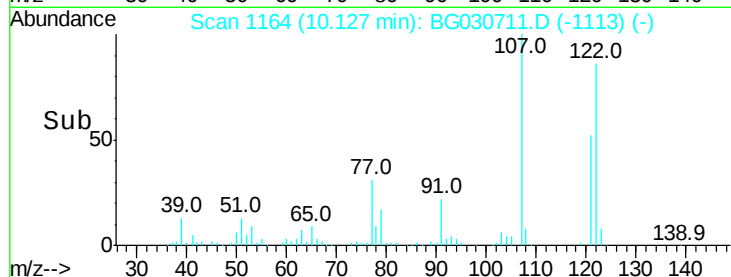
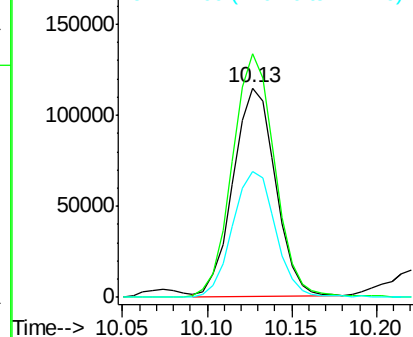
Tot Ion	Ratio	Lower	Upper
122	100		
107	116.2	100.2	150.2
121	60.3	44.4	66.6

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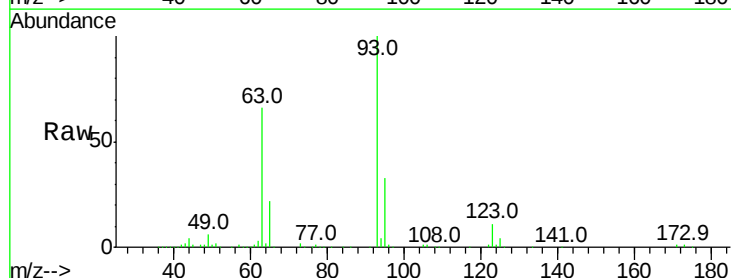


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

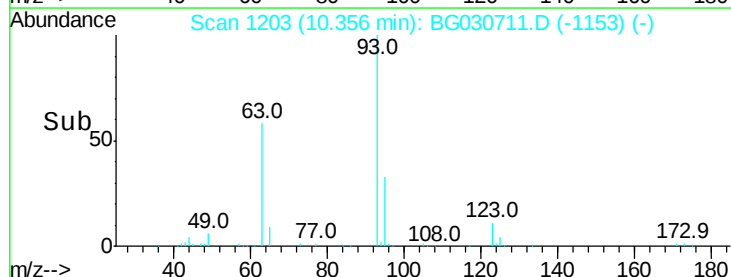
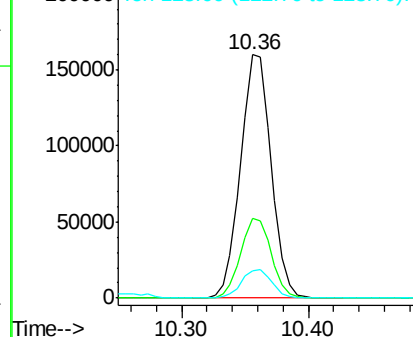


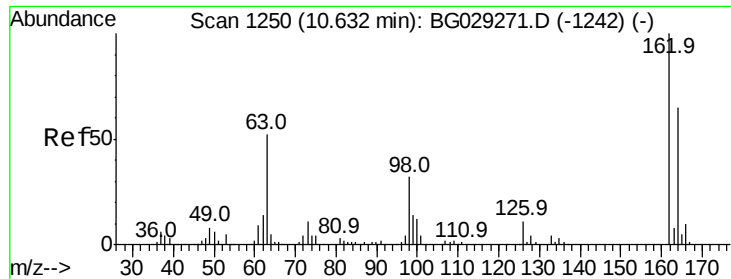
#28
 bis(2-Chloroethoxy)methane
 Concen: 50.225 ng
 RT: 10.36 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BG030711.D
 Acq: 3 Nov 2017 22:08

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	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





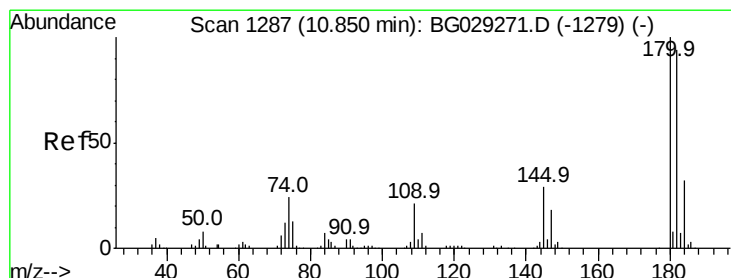
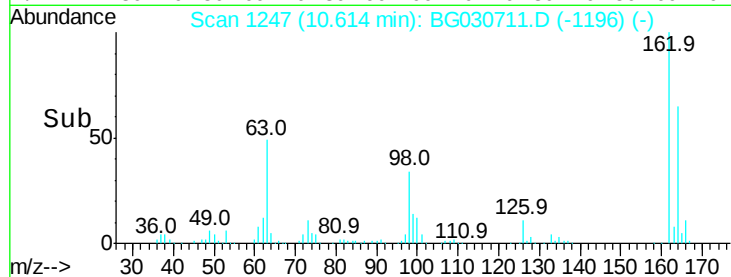
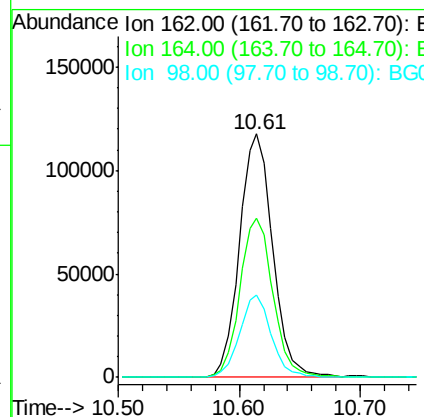
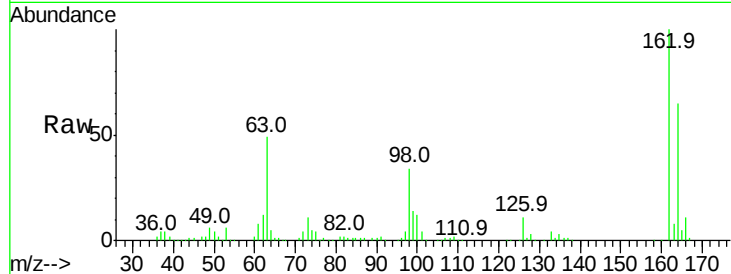
#29
2,4-Dichlorophenol
Concen: 52.213 ng
RT: 10.61 min Scan# 1247
Delta R.T. -0.00 min
Lab File: BG030711.D
Acq: 3 Nov 2017 22:08

Instrument :
BNA_G
ClientSampleId :
LEONIA-GENMSD

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	65.4	48.0	88.0
98	33.6	21.1	61.1

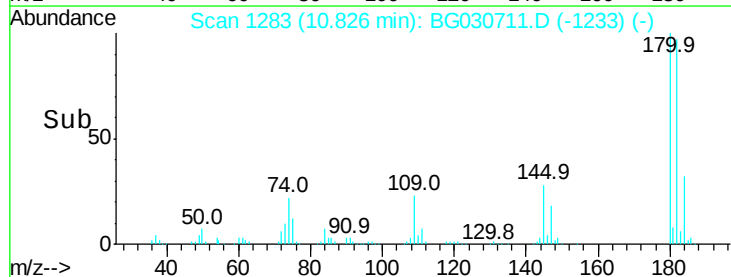
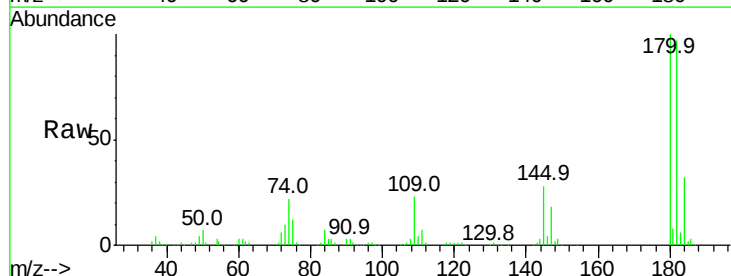
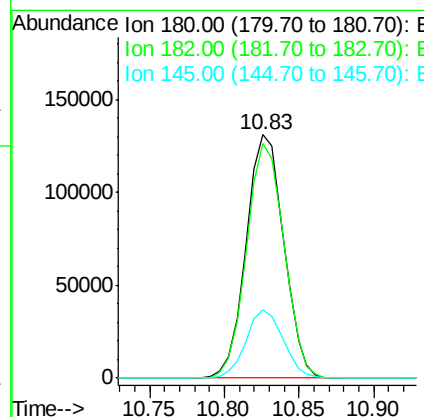
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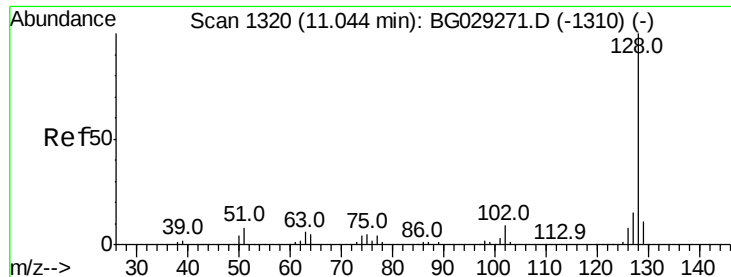
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#30
1,2,4-Trichlorobenzene
Concen: 48.951 ng
RT: 10.83 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BG030711.D
Acq: 3 Nov 2017 22:08

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	96.6	77.5	116.3
145	28.0	23.4	35.2





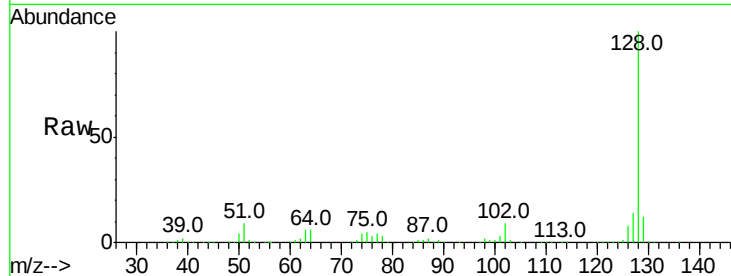
#31
Naphthalene
Concen: 58.503 ng
RT: 11.02 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BG030711.D
Acq: 3 Nov 2017 22:08

Instrument :
BNA_G
ClientSampleId :
LEONIA-GENMSD

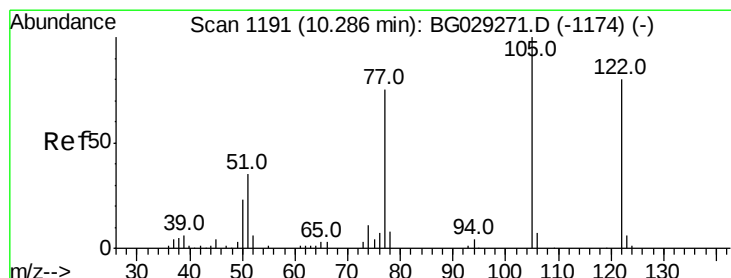
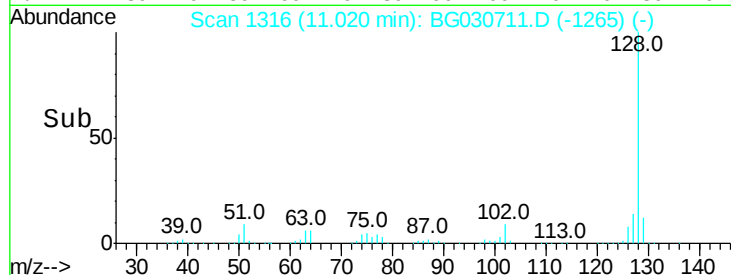
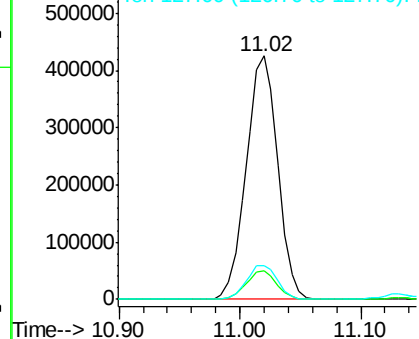
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.6	12.8
127	14.1	11.6	17.4

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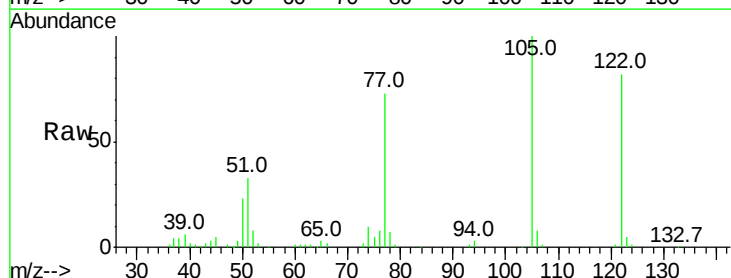


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

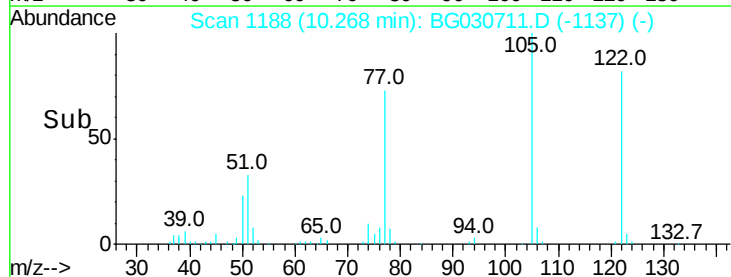
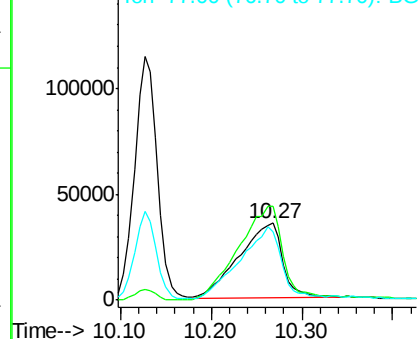


#32
Benzoic acid
Concen: 35.486 ng
RT: 10.27 min Scan# 1188
Delta R.T. -0.00 min
Lab File: BG030711.D
Acq: 3 Nov 2017 22:08

Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.7	123.5	163.5#
77	88.5	85.7	125.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG





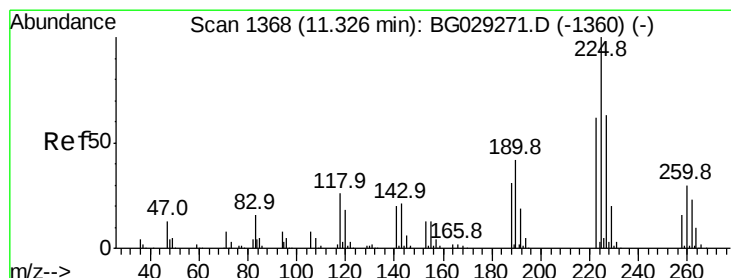
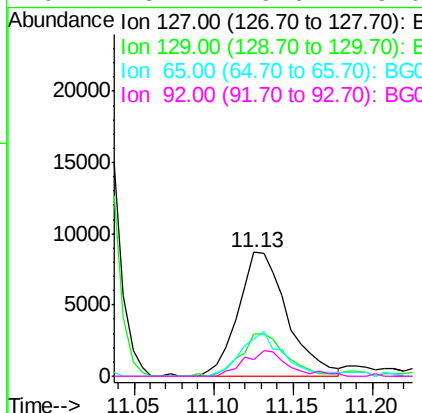
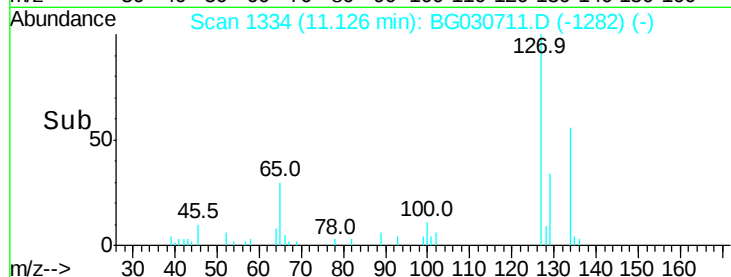
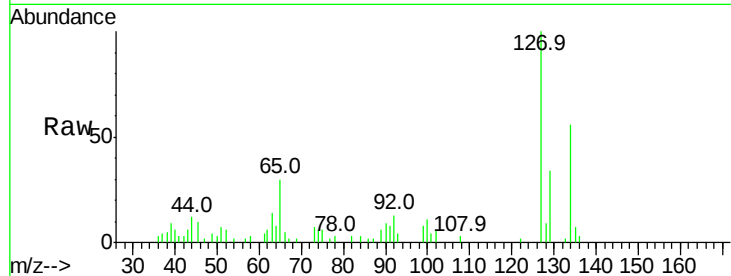
#33
4-Chloroaniline
Concen: 3.368 ng
RT: 11.13 min Scan# 1334
Delta R.T. 0.01 min
Lab File: BG030711.D
Acq: 3 Nov 2017 22:08

Instrument :
BNA_G
ClientSampleId :
LEONIA-GENMSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	34.1	24.0	36.0
65	29.9	27.0	40.4
92	13.1	16.6	25.0

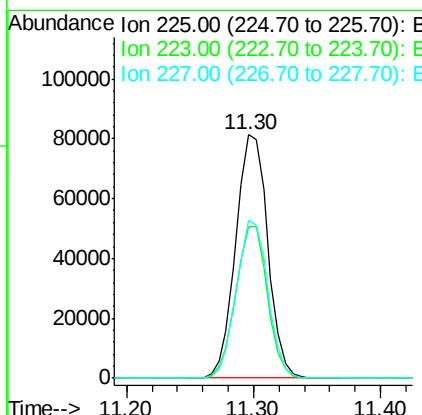
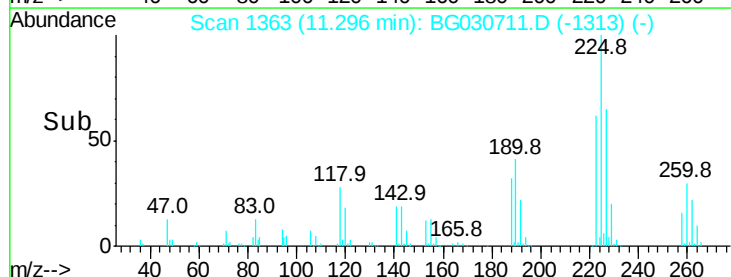
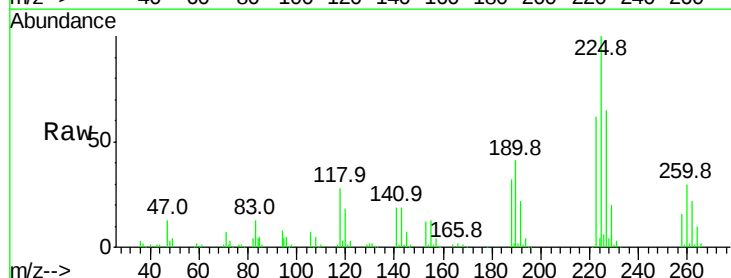
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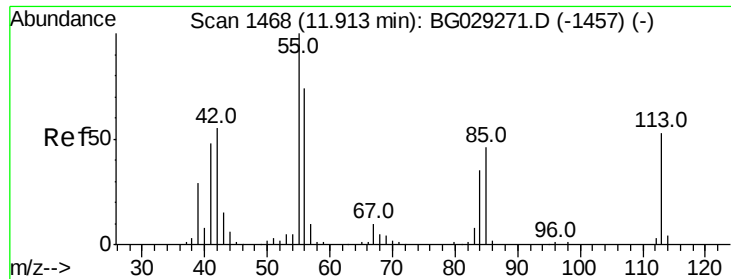
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#34
Hexachlorobutadiene
Concen: 49.110 ng
RT: 11.30 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BG030711.D
Acq: 3 Nov 2017 22:08

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.1	49.7	74.5
227	64.9	48.1	72.1





#35

Caprolactam

Concen: 44.293 ng/ml

RT: 11.89 min Scan# 1464

Delta R.T. -0.00 min

Lab File: BG030711.D

Acq: 3 Nov 2017 22:08

Instrument :

BNA_G

ClientSampleId :

LEONIA-GENMSD

Tot Ion:113 Resp: 63517

Ion Ratio Lower Upper

113 100

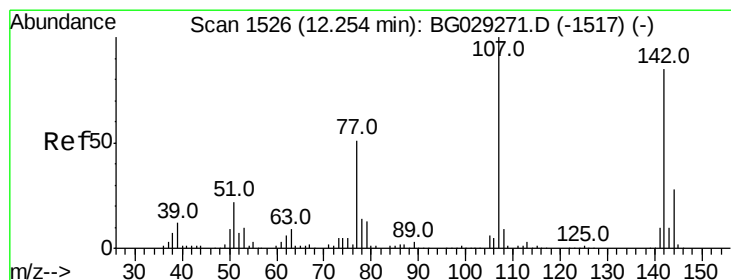
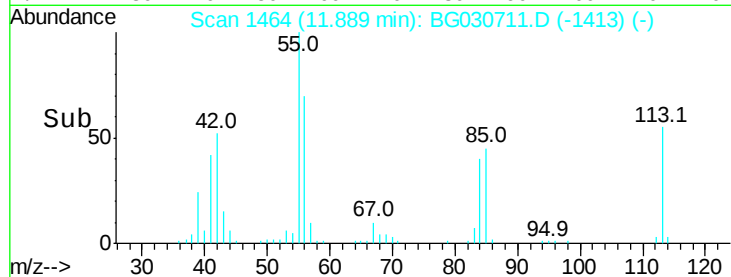
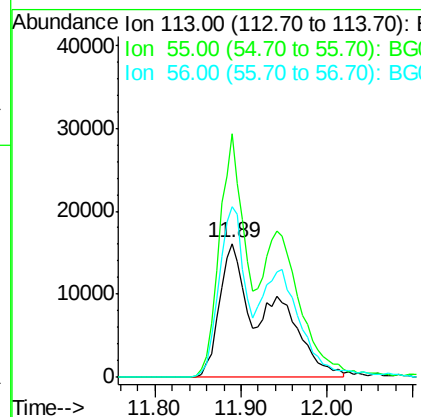
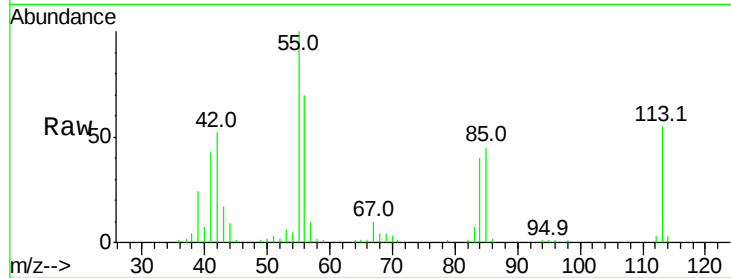
55 182.0 186.9 226.9#

56 127.1 130.9 170.9#

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#36

4-Chloro-3-methylphenol

Concen: 49.237 ng/ml

RT: 12.24 min Scan# 1523

Delta R.T. -0.00 min

Lab File: BG030711.D

Acq: 3 Nov 2017 22:08

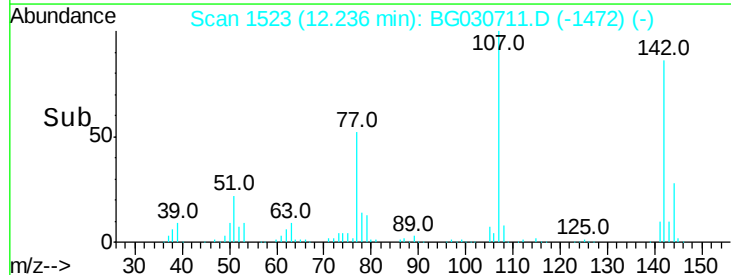
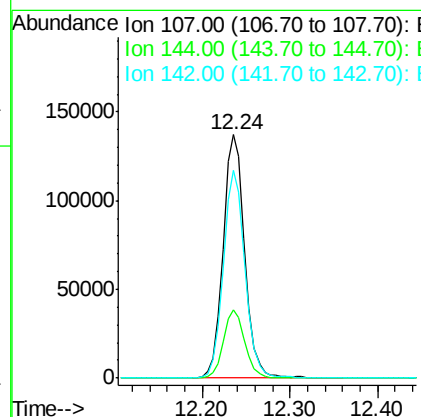
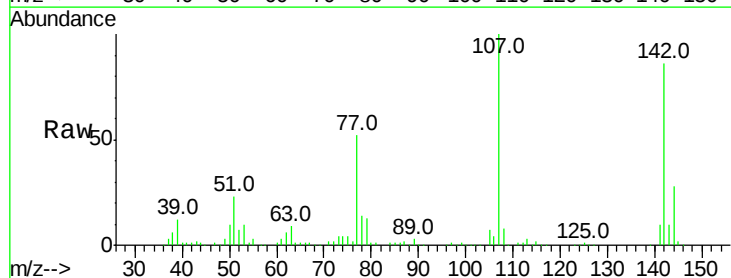
Tgt Ion:107 Resp: 233660

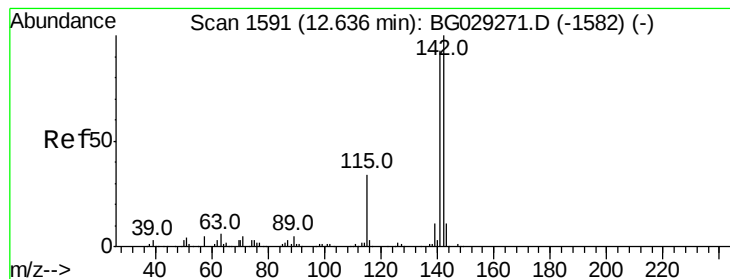
Ion Ratio Lower Upper

107 100

144 27.8 18.2 27.4#

142 85.5 59.0 88.4





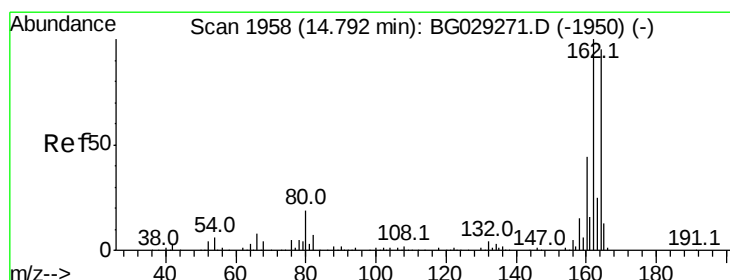
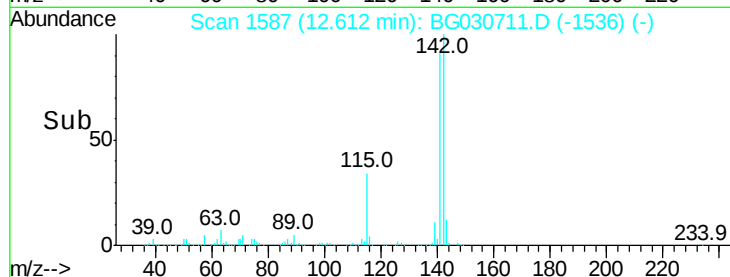
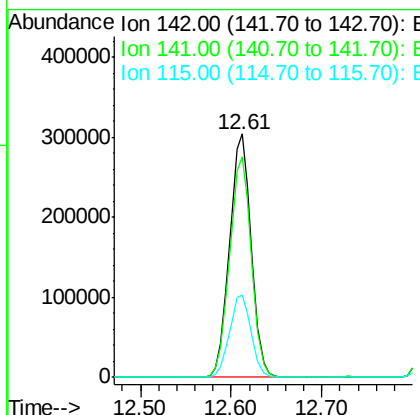
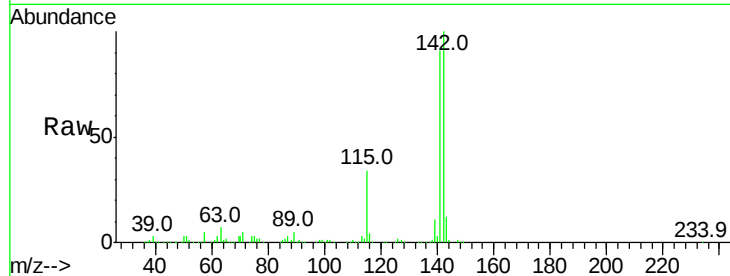
#37
2-Methylnaphthalene
Concen: 52.374 ng
RT: 12.61 min Scan# 1587
Delta R.T. -0.00 min
Lab File: BG030711.D
Acq: 3 Nov 2017 22:08

Instrument :
BNA_G
ClientSampleId :
LEONIA-GENMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.6	67.1	100.7
115	33.6	30.7	46.1

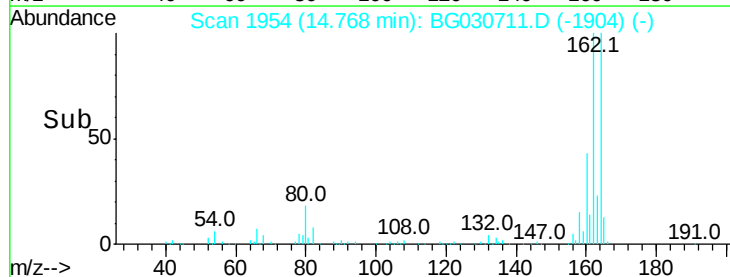
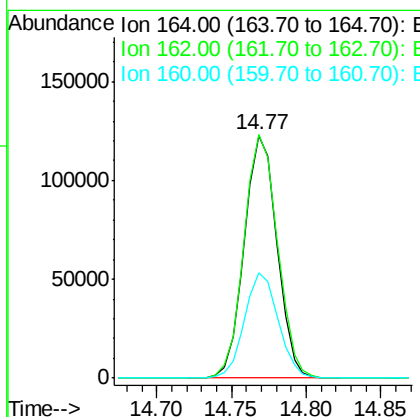
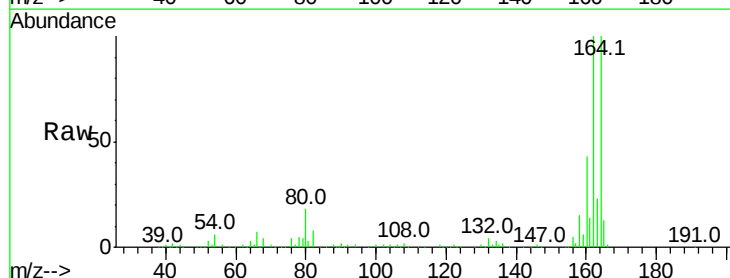
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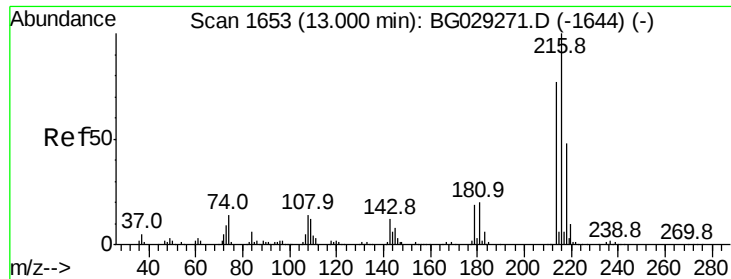
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1954
Delta R.T. -0.01 min
Lab File: BG030711.D
Acq: 3 Nov 2017 22:08

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.4	78.8	118.2
160	43.4	35.4	53.0





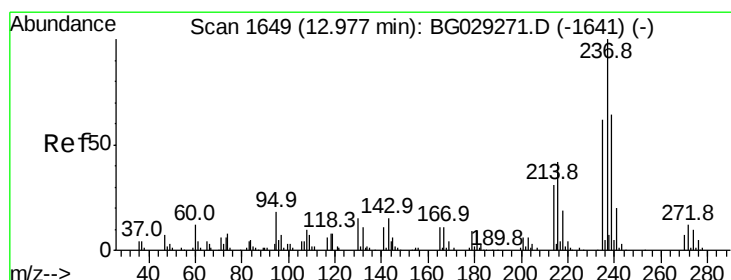
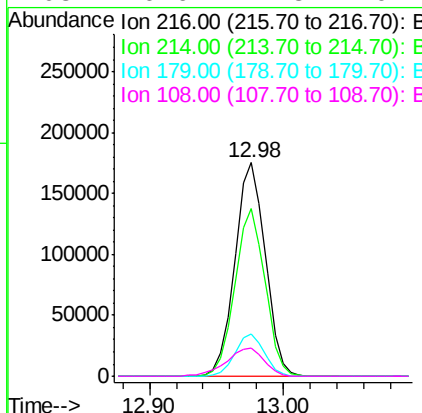
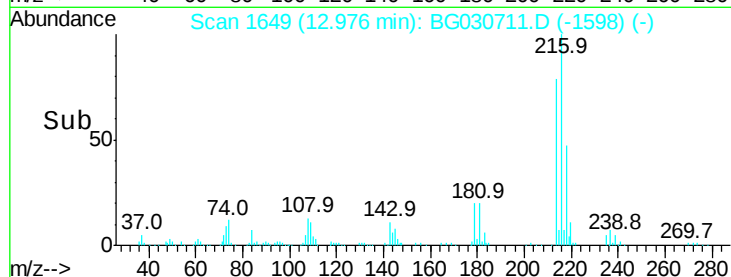
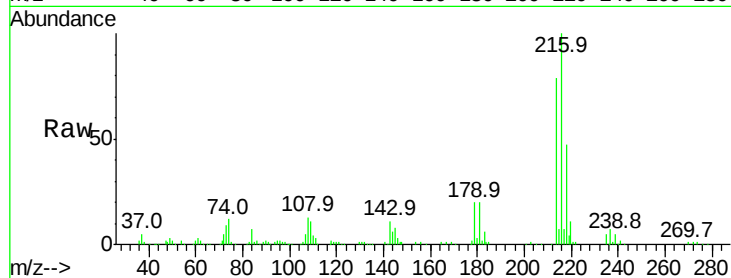
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.677 ng
 RT: 12.98 min Scan# 1649
 Delta R.T. -0.00 min
 Lab File: BG030711.D
 Acq: 3 Nov 2017 22:08

Instrument :
 BNA_G
 ClientSampleId :
 LEONIA-GENMSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	275499		
214	77.9	63.0	94.4	
179	19.3	17.0	25.6	
108	16.6	12.8	19.2	

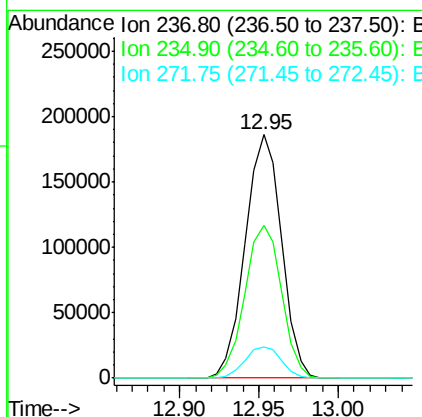
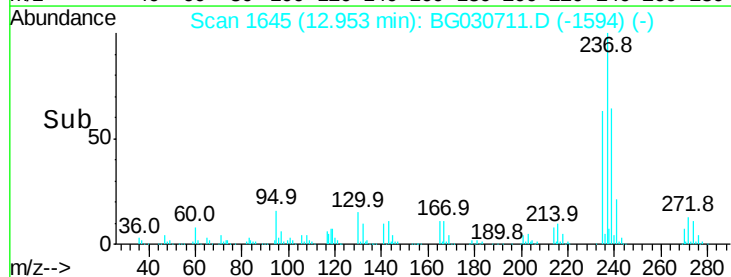
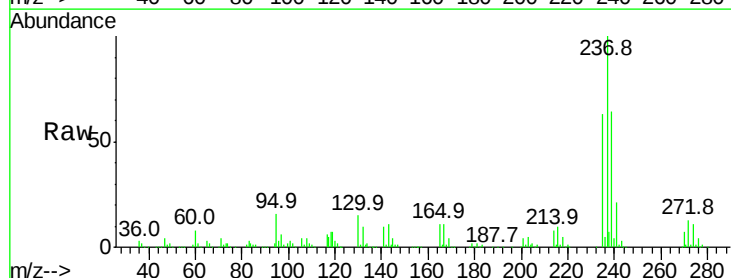
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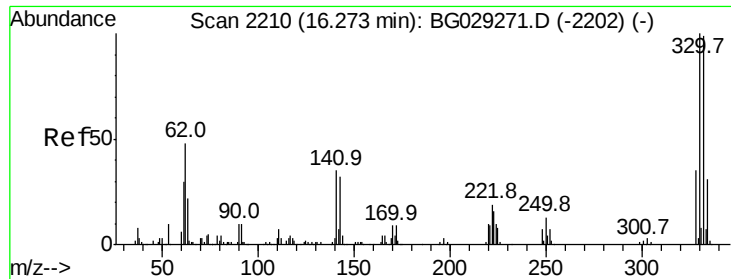
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#40
 Hexachlorocyclopentadiene
 Concen: 113.158 ng
 RT: 12.95 min Scan# 1645
 Delta R.T. -0.00 min
 Lab File: BG030711.D
 Acq: 3 Nov 2017 22:08

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	295594		
235	62.7	50.4	90.4	
272	12.5	0.0	31.8	





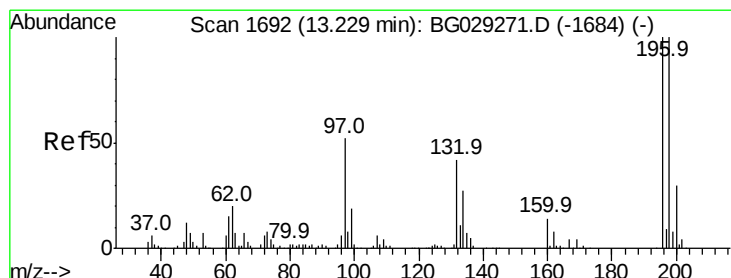
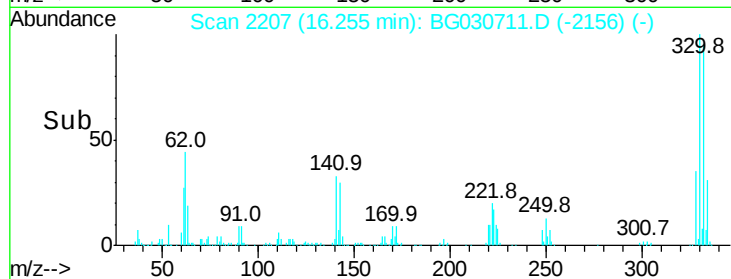
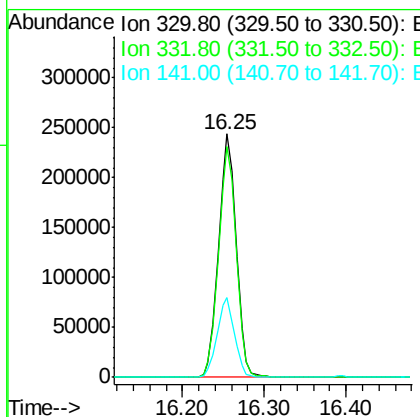
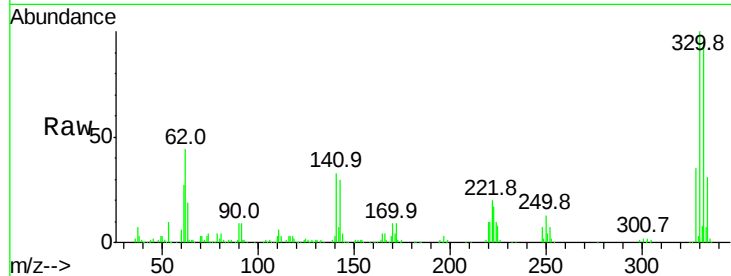
#41
 2,4,6-Tribromophenol
 Concen: 153.666 ng
 RT: 16.25 min Scan# 2207
 Delta R.T. -0.00 min
 Lab File: BG030711.D
 Acq: 3 Nov 2017 22:08

Instrument :
 BNA_G
 ClientSampleId :
 LEONIA-GENMSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	368044		
332	94.9	77.0	115.6	
141	32.1	25.2	37.8	

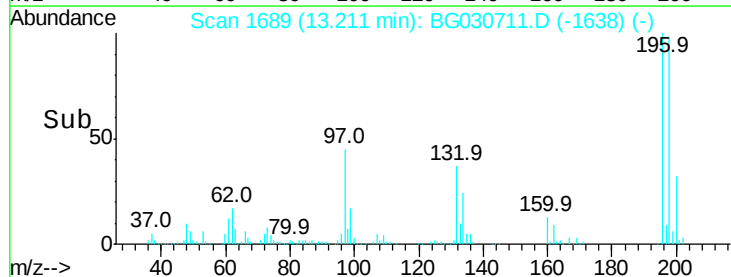
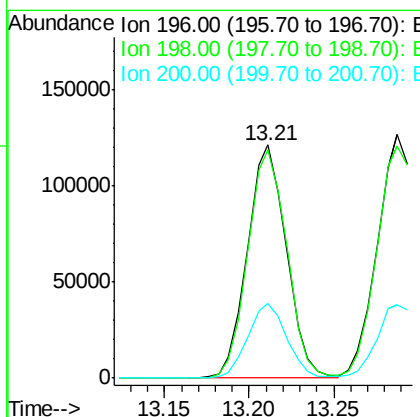
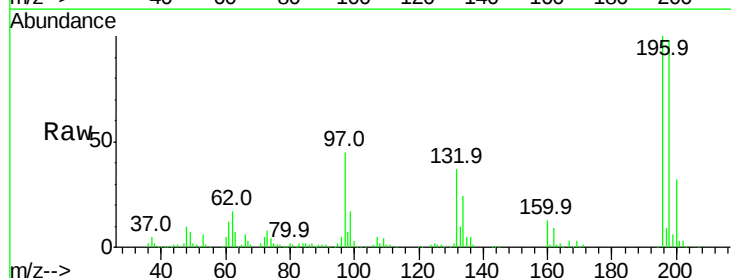
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#42
 2,4,6-Trichlorophenol
 Concen: 45.848 ng
 RT: 13.21 min Scan# 1689
 Delta R.T. -0.00 min
 Lab File: BG030711.D
 Acq: 3 Nov 2017 22:08

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	194932		
198	98.1	78.2	117.2	
200	32.2	24.6	36.8	





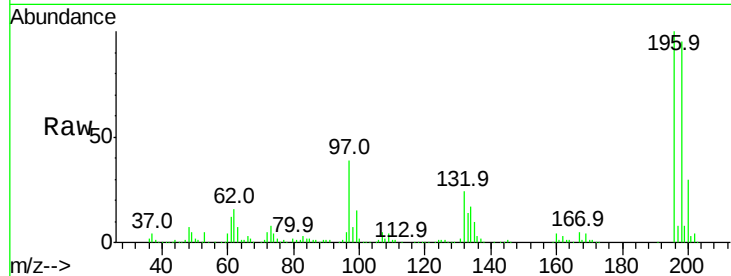
#43
 2,4,5-Trichlorophenol
 Concen: 49.882 ng
 RT: 13.29 min Scan# 1702
 Delta R.T. -0.00 min
 Lab File: BG030711.D
 Acq: 3 Nov 2017 22:08

Instrument :
 BNA_G
 ClientSampleId :
 LEONIA-GENMSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	217808		
198	95.4	76.2	114.4	
97	39.2	38.7	58.1	
132	24.1	20.2	30.2	

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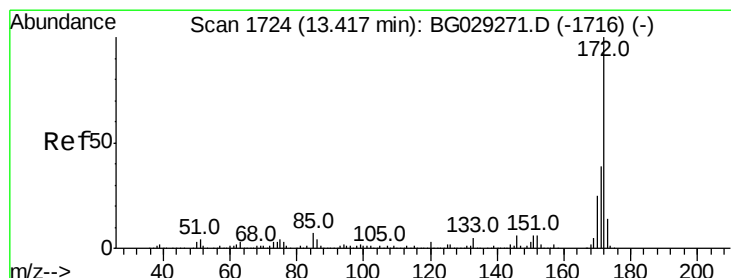
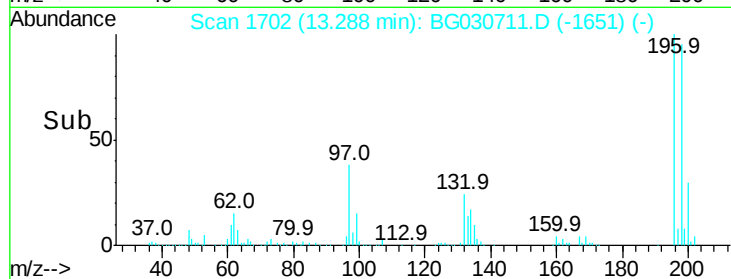
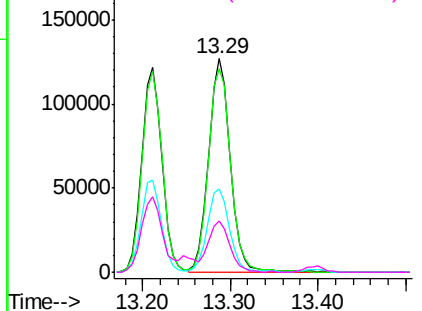
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

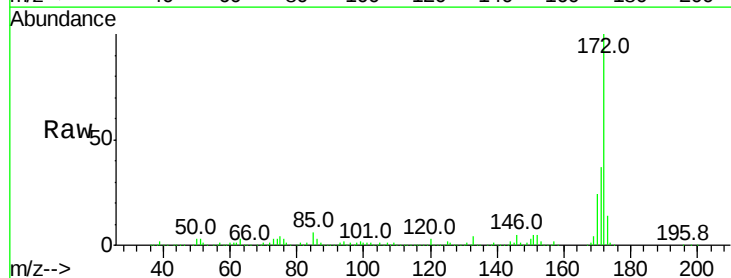
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 87.184 ng
 RT: 13.39 min Scan# 1720
 Delta R.T. -0.01 min
 Lab File: BG030711.D
 Acq: 3 Nov 2017 22:08

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1102734		
171	36.7	30.0	45.0	
170	24.3	19.5	29.3	

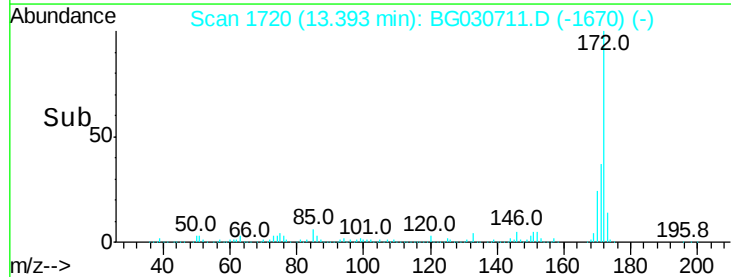
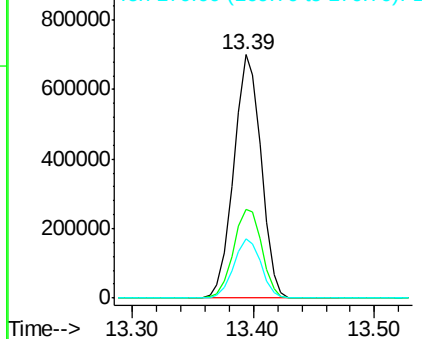


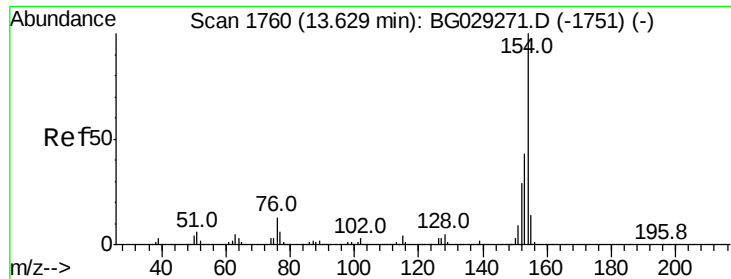
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 41.664 ng

RT: 13.60 min Scan# 1756

Delta R.T. -0.00 min

Lab File: BG030711.D

Acq: 3 Nov 2017 22:08

Instrument :

BNA_G

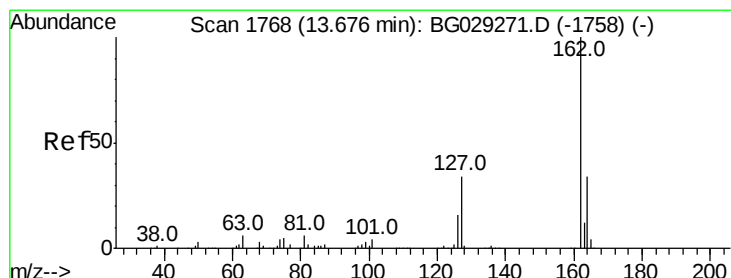
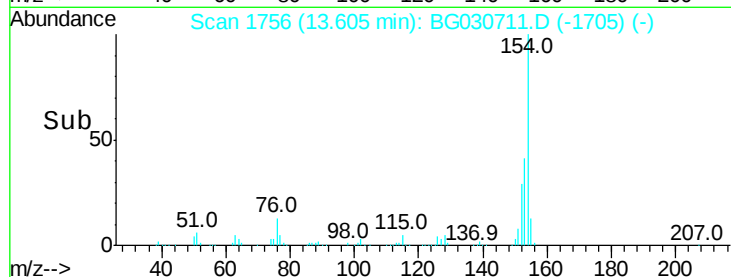
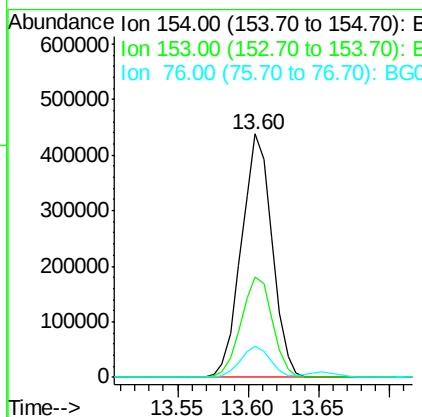
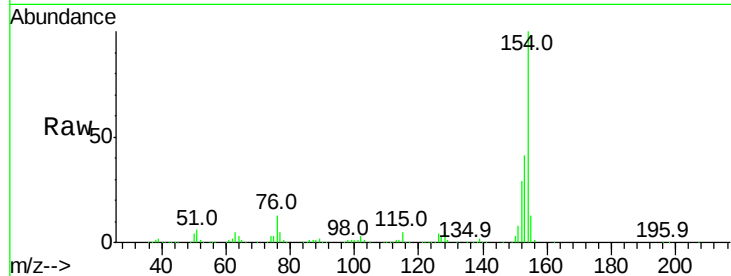
ClientSampleId :

LEONIA-GENMSD

Tot Ion:	154	Resp:	664343
Ion Ratio	Lower	Upper	
154	100		
153	41.2	19.8	59.8
76	12.7	0.0	31.9

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#46

2-Chloronaphthalene

Concen: 44.601 ng

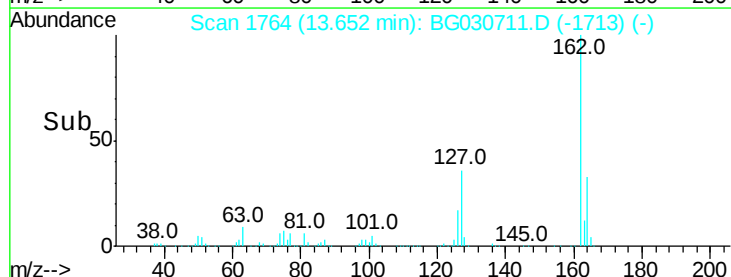
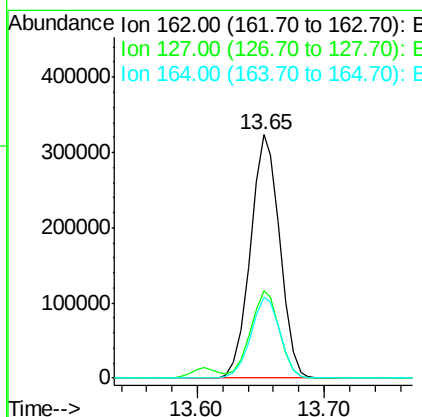
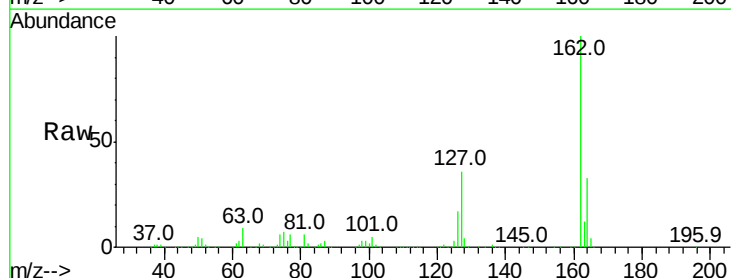
RT: 13.65 min Scan# 1764

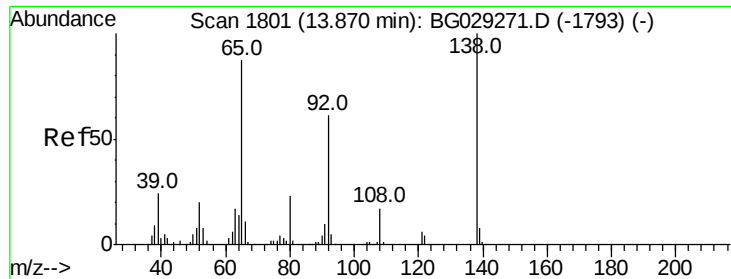
Delta R.T. -0.00 min

Lab File: BG030711.D

Acq: 3 Nov 2017 22:08

Tgt Ion:	162	Resp:	518731
Ion Ratio	Lower	Upper	
162	100		
127	36.0	30.7	46.1
164	33.2	26.0	39.0





#47

2-Nitroaniline

Concen: 48.117 ng

RT: 13.85 min Scan# 1798

Delta R.T. -0.00 min

Lab File: BG030711.D

Acq: 3 Nov 2017 22:08

Instrument :

BNA_G

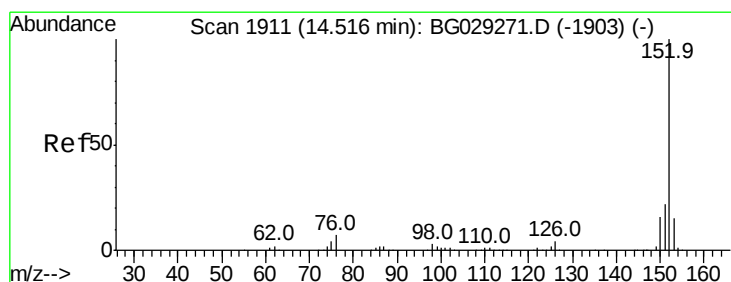
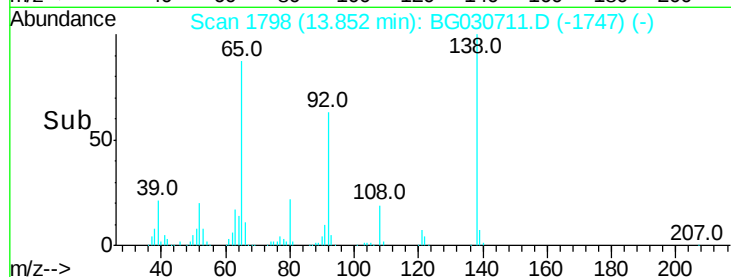
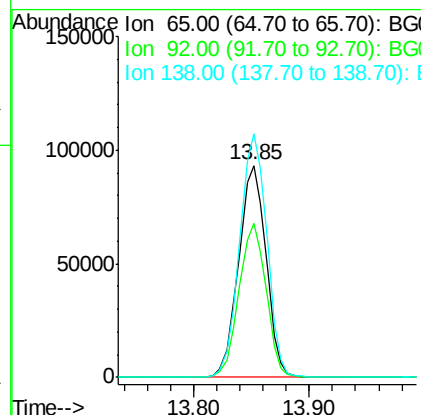
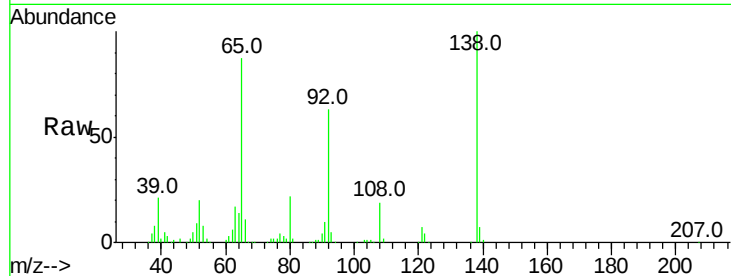
ClientSampleId :

LEONIA-GENMSD

Tot Ion:	65	Resp:	153712
Ion Ratio	Lower	Upper	
65	100		
92	72.6	54.6	82.0
138	114.9	72.9	109.3#

Manual Integrations
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#48

Acenaphthylene

Concen: 45.347 ng

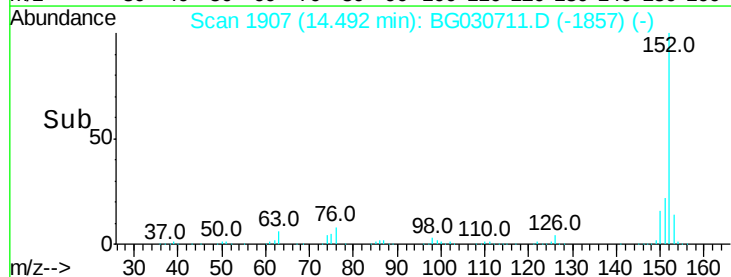
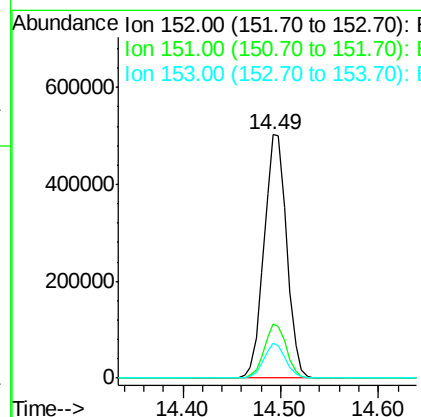
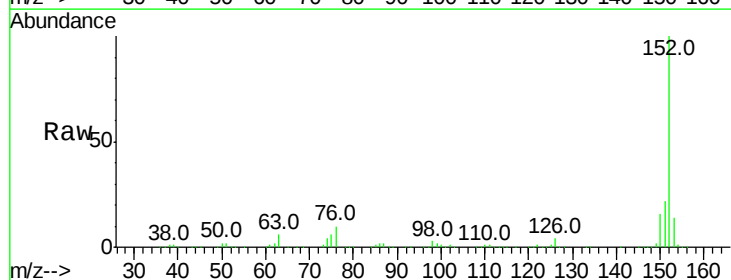
RT: 14.49 min Scan# 1907

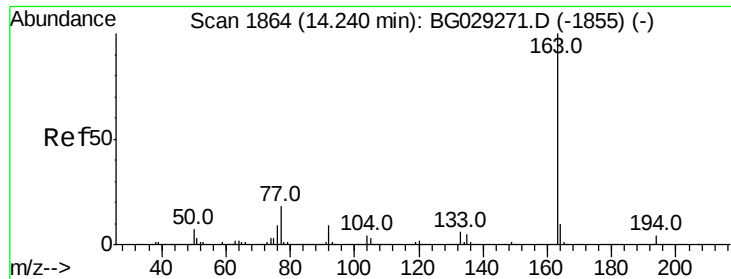
Delta R.T. -0.01 min

Lab File: BG030711.D

Acq: 3 Nov 2017 22:08

Tgt Ion:	152	Resp:	825411
Ion Ratio	Lower	Upper	
152	100		
151	22.1	17.2	25.8
153	14.1	10.2	15.4





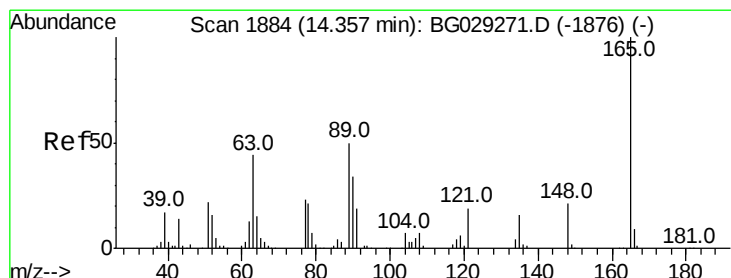
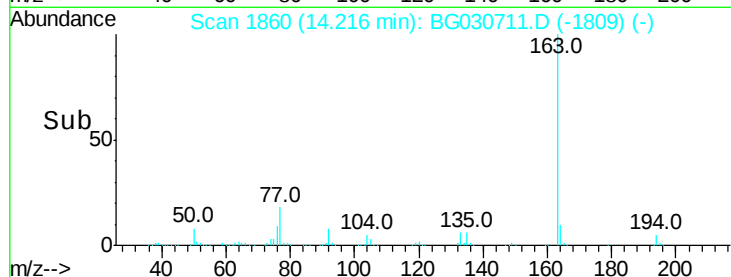
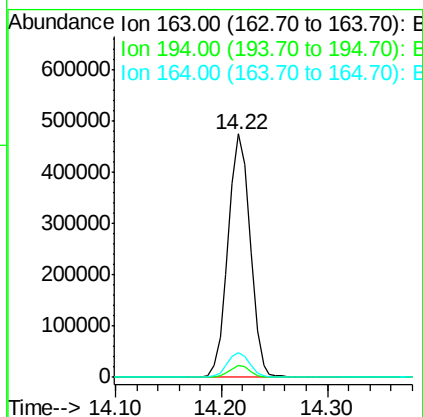
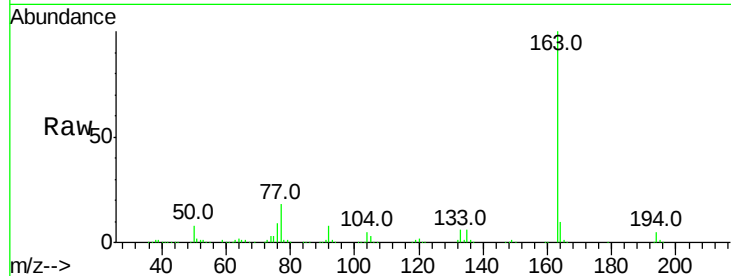
#49
Dimethylphthalate
Concen: 47.489 ng
RT: 14.22 min Scan# 1860
Delta R.T. -0.00 min
Lab File: BG030711.D
Acq: 3 Nov 2017 22:08

Instrument :
BNA_G
ClientSampleId :
LEONIA-GENMSD

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.4	5.2
164	10.0	8.2	12.4

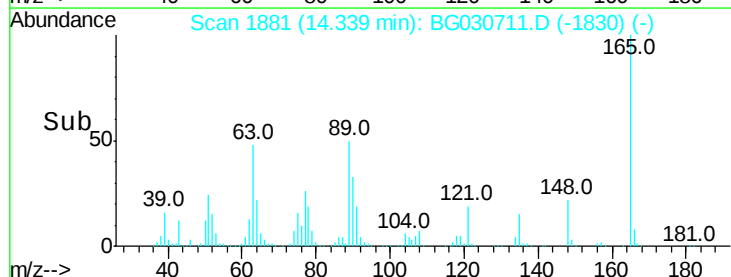
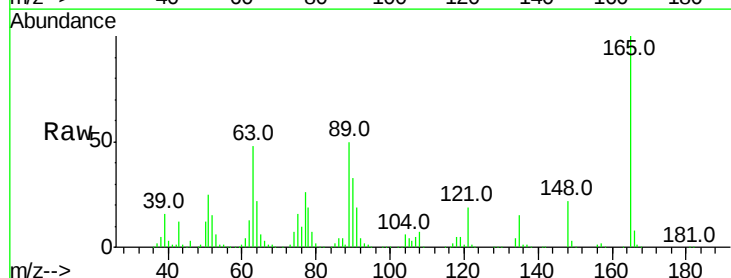
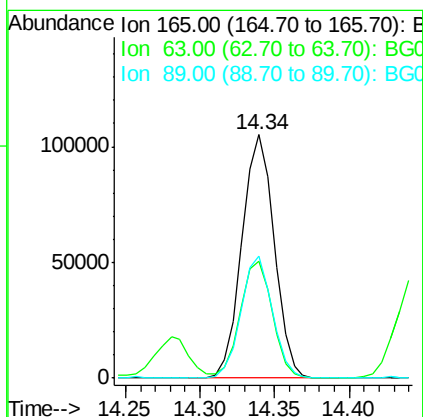
Manual Integrations
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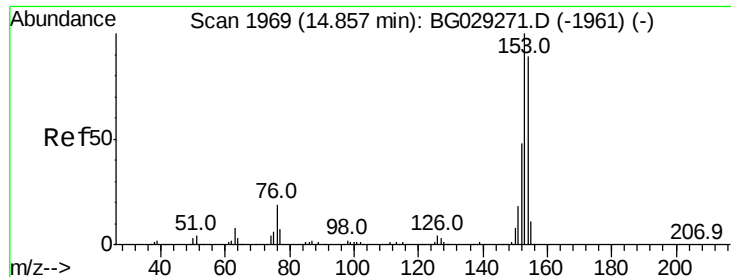
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#50
2,6-Dinitrotoluene
Concen: 51.881 ng
RT: 14.34 min Scan# 1881
Delta R.T. -0.00 min
Lab File: BG030711.D
Acq: 3 Nov 2017 22:08

Tgt Ion	Ratio	Lower	Upper
165	100		
63	48.3	52.7	79.1#
89	50.2	49.2	73.8





#51

Acenaphthene

Concen: 44.135 ng

RT: 14.83 min Scan# 1965

Delta R.T. -0.00 min

Lab File: BG030711.D

Acq: 3 Nov 2017 22:08

Instrument :

BNA_G

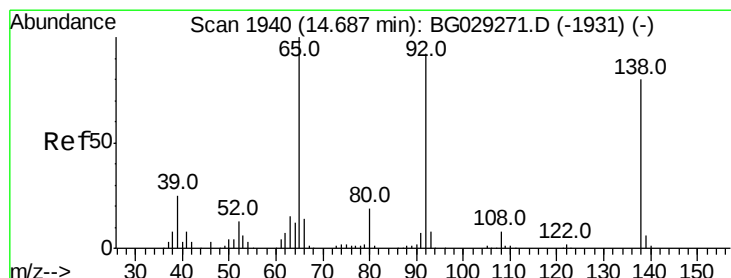
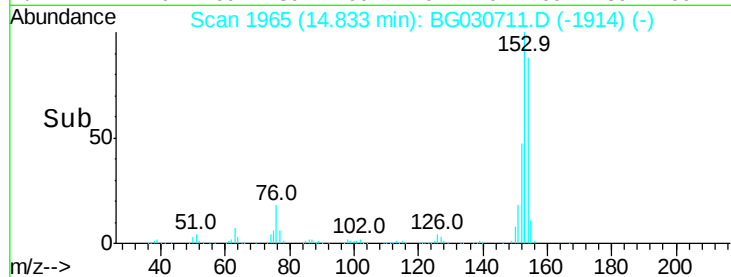
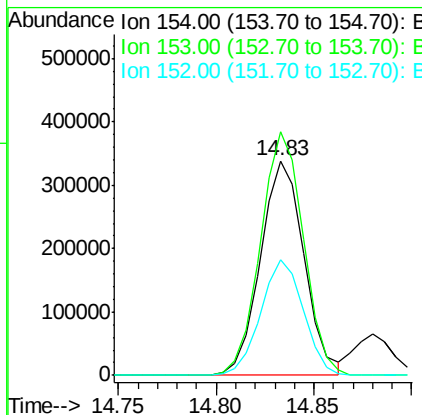
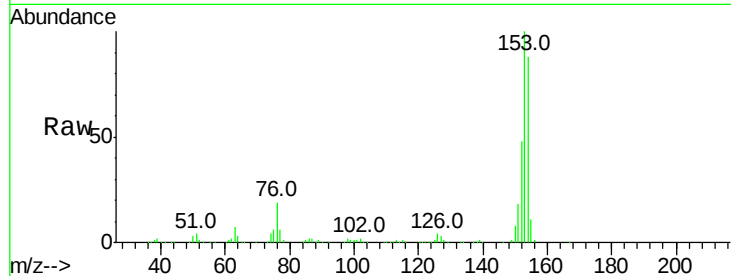
ClientSampleId :

LEONIA-GENMSD

Tot Ion:	154	Resp:	522692
Ion Ratio	Lower	Upper	
154	100		
153	113.4	90.4	135.6
152	54.2	41.6	62.4

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#52

3-Nitroaniline

Concen: 10.969 ng

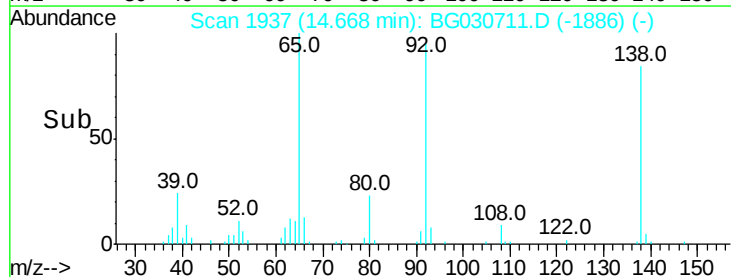
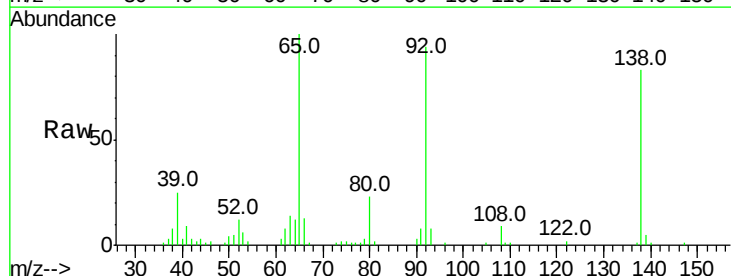
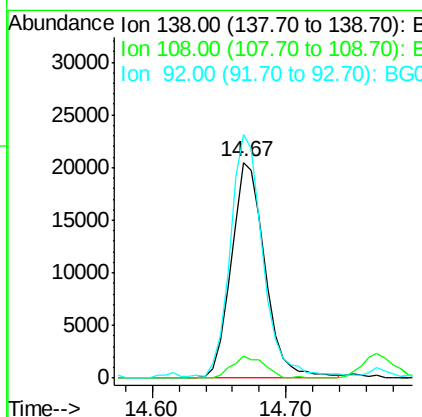
RT: 14.67 min Scan# 1937

Delta R.T. -0.00 min

Lab File: BG030711.D

Acq: 3 Nov 2017 22:08

Tgt Ion:	138	Resp:	35912
Ion Ratio	Lower	Upper	
138	100		
108	10.6	17.5	26.3#
92	113.0	105.8	158.8





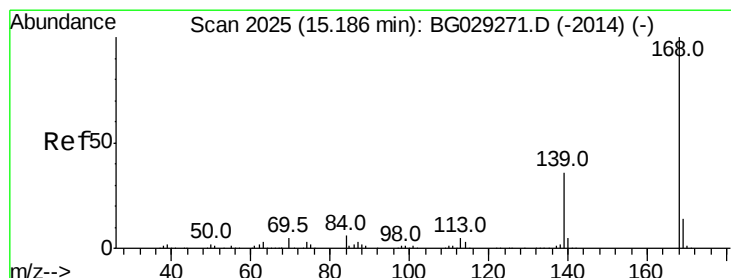
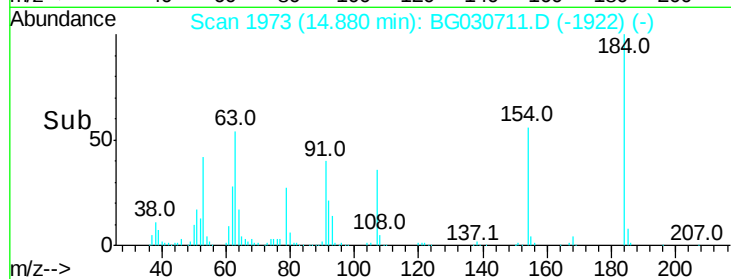
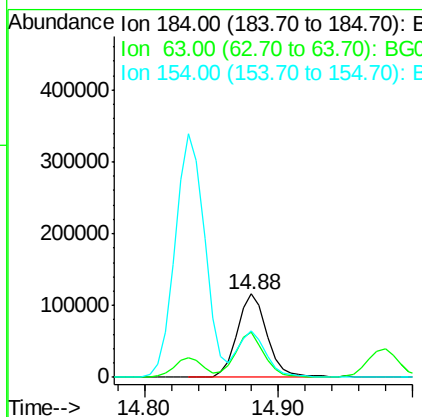
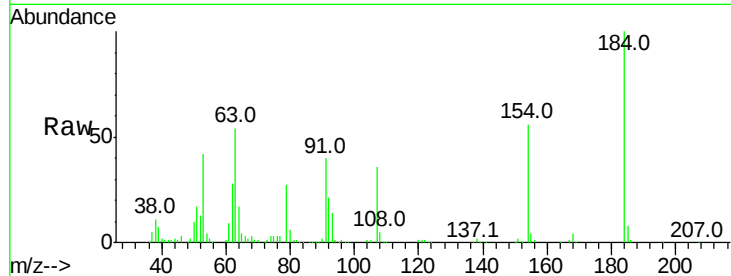
#53
 2,4-Dinitrophenol
 Concen: 105.517 ng
 RT: 14.88 min Scan# 1973
 Delta R.T. -0.00 min
 Lab File: BG030711.D
 Acq: 3 Nov 2017 22:08

Instrument :
 BNA_G
 ClientSampleId :
 LEONIA-GENMSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	53.8	59.8	89.8#
154	56.1	101.8	152.8#

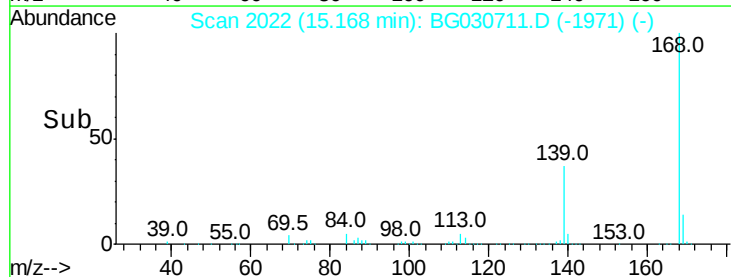
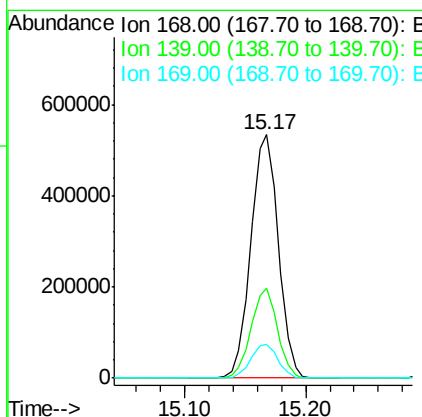
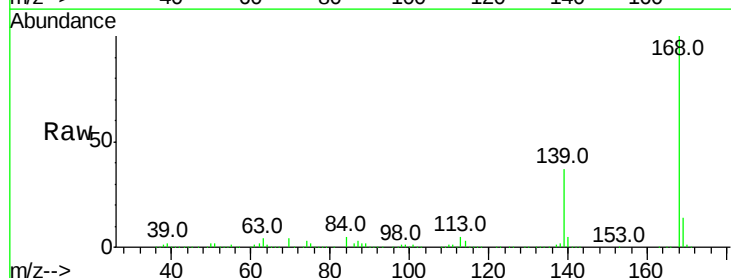
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#54
 Dibenzofuran
 Concen: 50.005 ng
 RT: 15.17 min Scan# 2022
 Delta R.T. -0.00 min
 Lab File: BG030711.D
 Acq: 3 Nov 2017 22:08

Tgt Ion	Ratio	Lower	Upper
168	100		
139	36.9	28.6	43.0
169	13.9	11.2	16.8





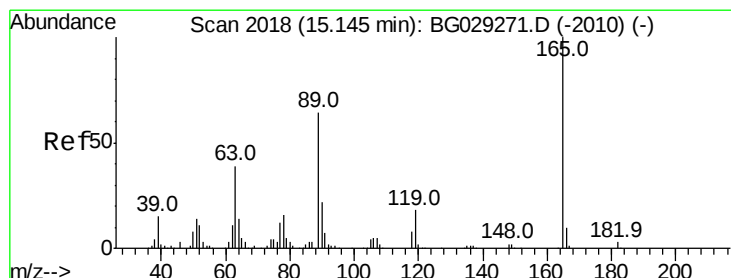
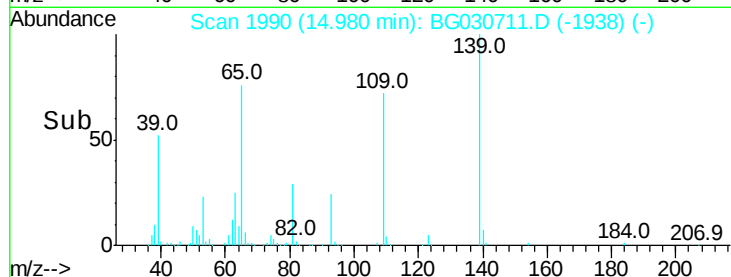
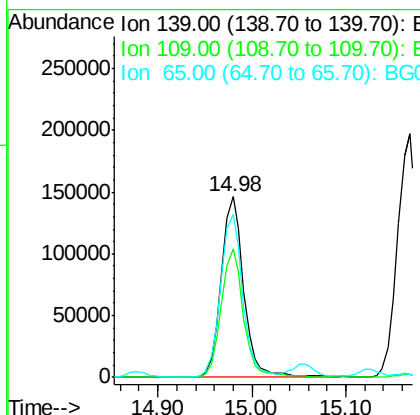
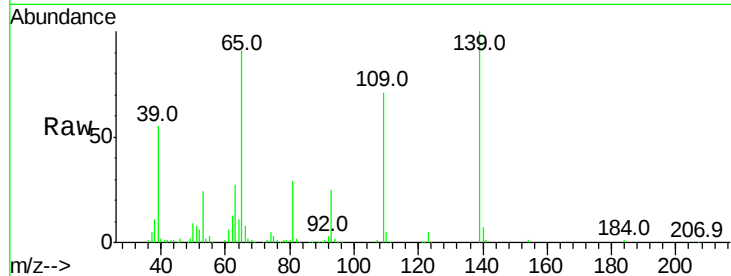
#55
4-Nitrophenol
Concen: 91.158 ng
RT: 14.98 min Scan# 1990
Delta R.T. 0.01 min
Lab File: BG030711.D
Acq: 3 Nov 2017 22:08

Instrument :
BNA_G
ClientSampleId :
LEONIA-GENMSD

Tot Ion	Ratio	Lower	Upper
139	100		
109	70.8	62.2	102.2
65	90.6	97.2	137.2#

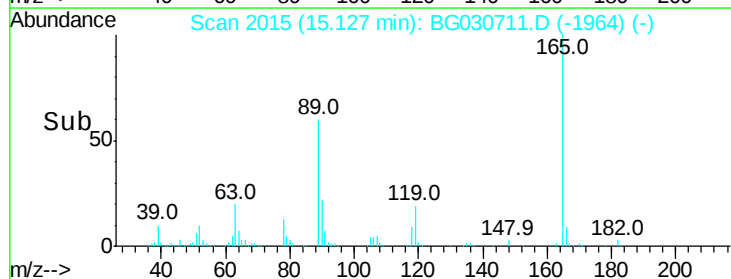
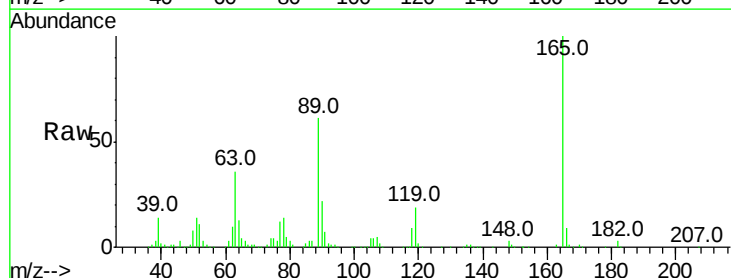
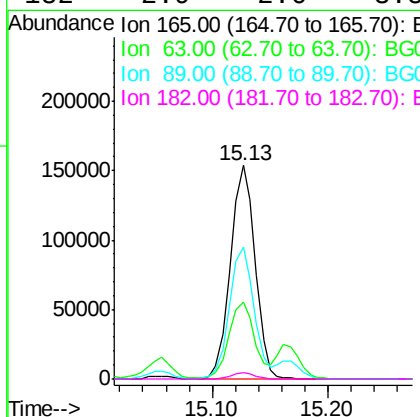
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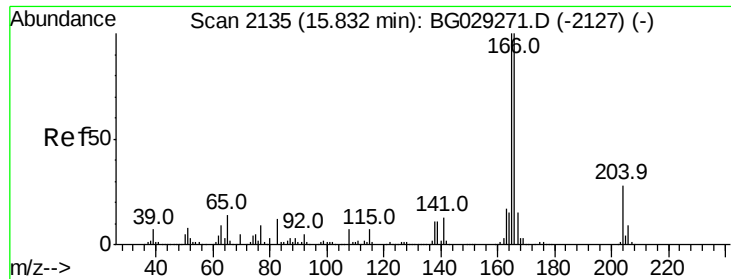
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#56
2,4-Dinitrotoluene
Concen: 55.370 ng
RT: 15.13 min Scan# 2015
Delta R.T. -0.00 min
Lab File: BG030711.D
Acq: 3 Nov 2017 22:08

Tgt Ion	Ratio	Lower	Upper
165	100		
63	36.0	42.0	63.0#
89	61.5	66.9	100.3#
182	2.9	2.6	3.8





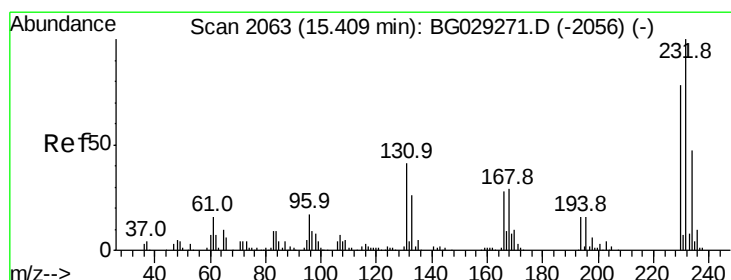
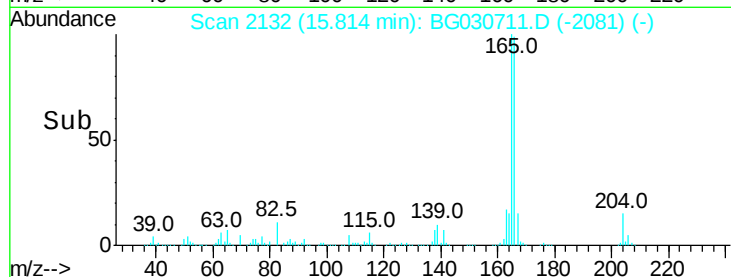
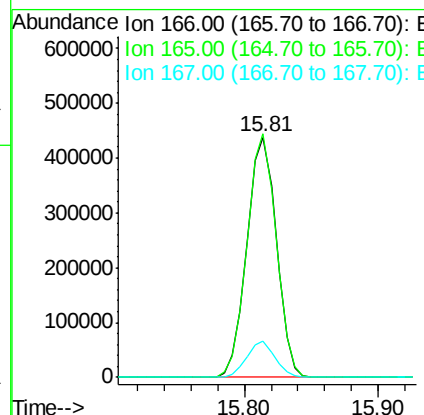
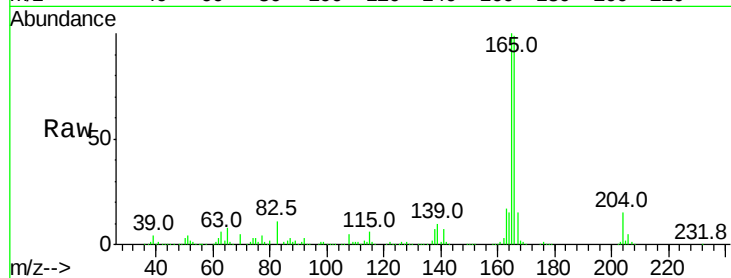
#57
 Fluorene
 Concen: 47.811 ng
 RT: 15.81 min Scan# 2132
 Delta R.T. -0.00 min
 Lab File: BG030711.D
 Acq: 3 Nov 2017 22:08

Instrument :
 BNA_G
 ClientSampleId :
 LEONIA-GENMSD

Tot Ion	Ratio	Lower	Upper
166	100		
165	101.4	80.6	121.0
167	15.1	10.4	15.6

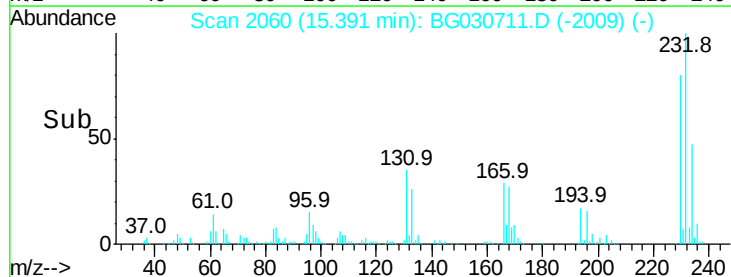
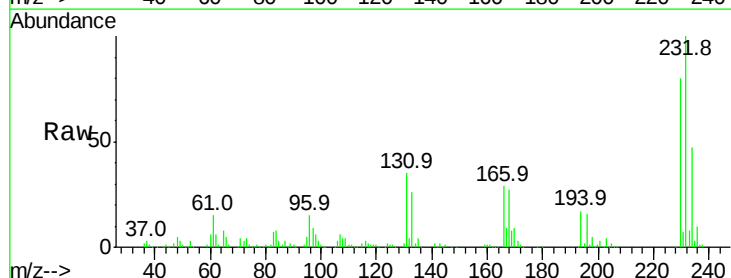
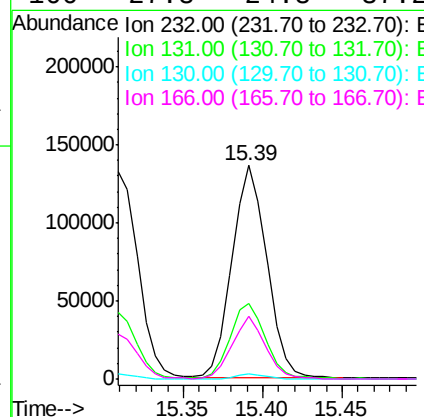
Manual Integrations
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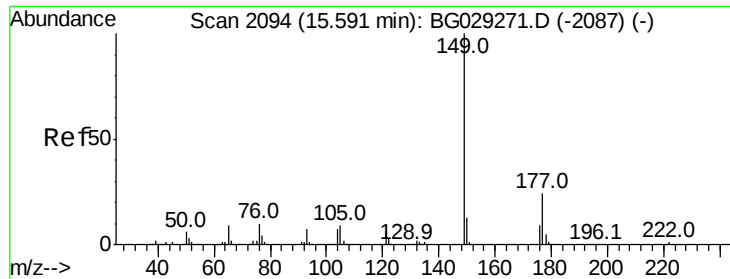
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 56.882 ng
 RT: 15.39 min Scan# 2060
 Delta R.T. -0.00 min
 Lab File: BG030711.D
 Acq: 3 Nov 2017 22:08

Tgt Ion	Ratio	Lower	Upper
232	100		
131	36.2	33.5	50.3
130	2.0	2.2	3.2
166	27.8	24.8	37.2





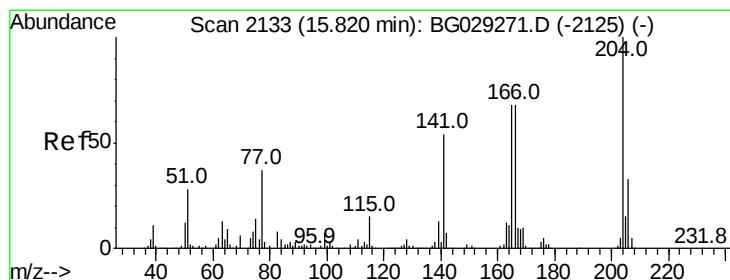
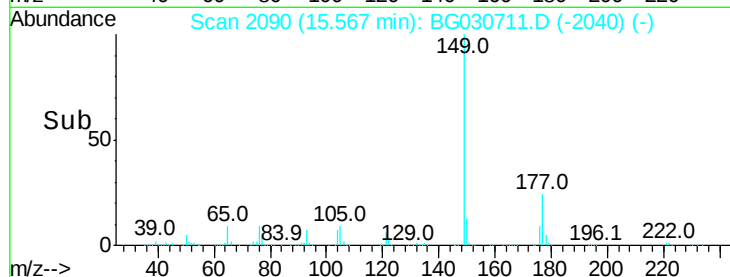
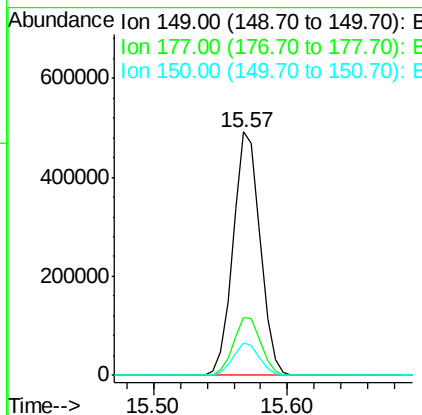
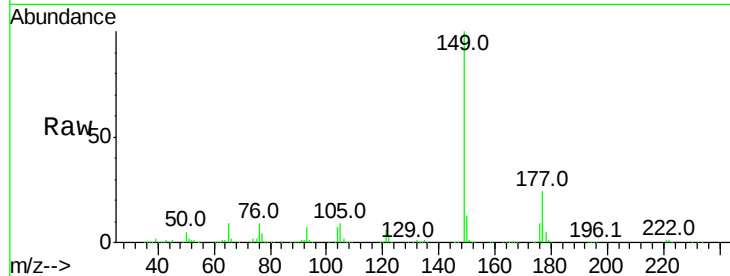
#59
Diethylphthalate
Concen: 47.955 ng
RT: 15.57 min Scan# 2090
Delta R.T. -0.01 min
Lab File: BG030711.D
Acq: 3 Nov 2017 22:08

Instrument :
BNA_G
ClientSampleId :
LEONIA-GENMSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	24.1	18.5	27.7
150	13.3	10.2	15.2

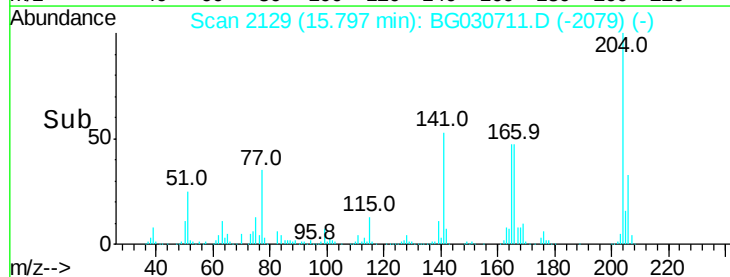
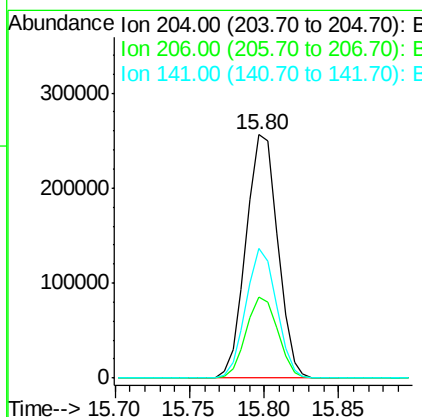
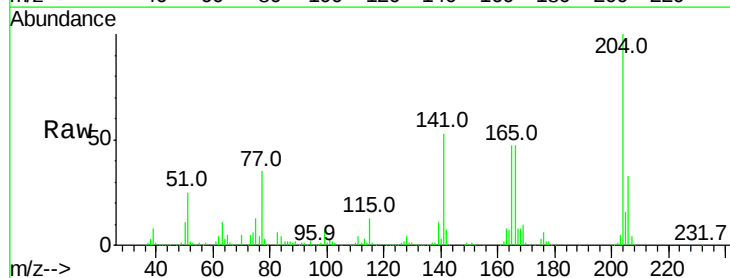
Manual Integrations
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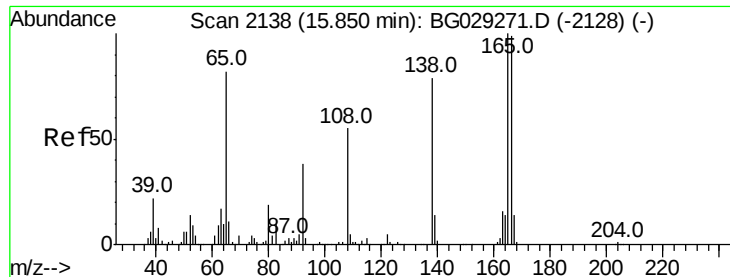
Sohil
11/4/2017 2:21:40 PM



#60
4-Chlorophenyl-phenylether
Concen: 50.394 ng
RT: 15.80 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BG030711.D
Acq: 3 Nov 2017 22:08

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.4	26.2	39.2
141	53.4	45.8	68.6





#61

4-Nitroaniline

Concen: 41.508 ng

RT: 15.83 min Scan# 2135

Delta R.T. -0.00 min

Lab File: BG030711.D

Acq: 3 Nov 2017 22:08

Instrument :

BNA_G

ClientSampleId :

LEONIA-GENMSD

Tot Ion:138 Resp: 139546

Ion Ratio Lower Upper

138 100

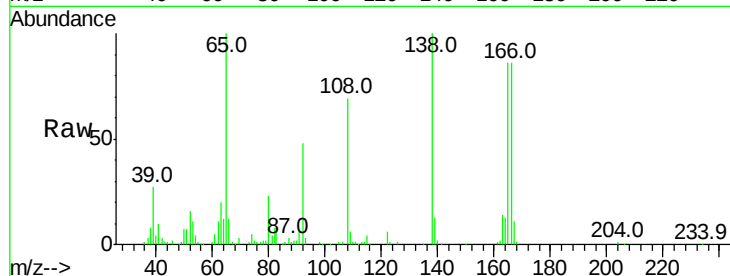
92 47.8 40.1 80.1

108 69.3 65.4 105.4

Manual Integrations
APPROVED

Sohil

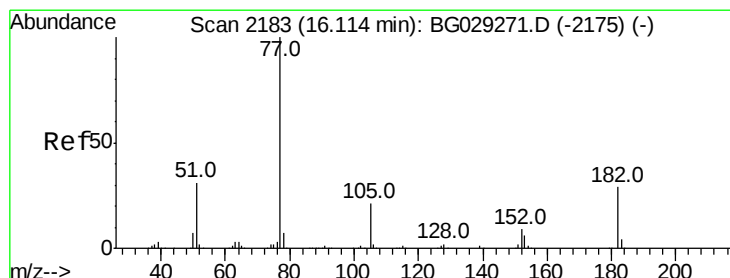
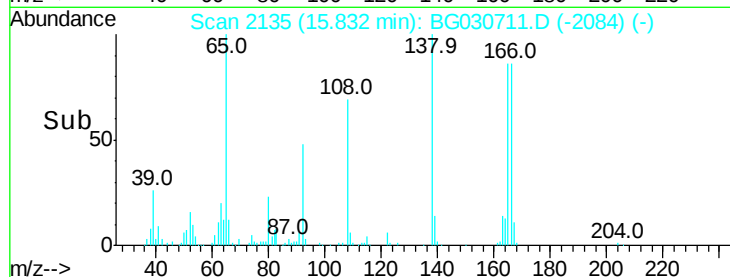
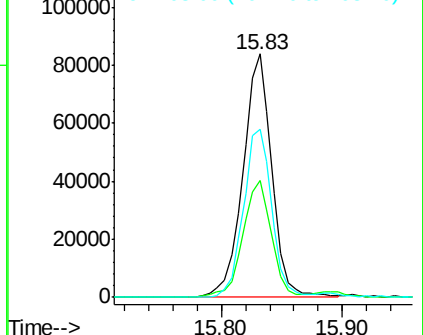
11/4/2017 2:21:40 PM



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: 49.998 ng

RT: 16.09 min Scan# 2179

Delta R.T. -0.01 min

Lab File: BG030711.D

Acq: 3 Nov 2017 22:08

Tgt Ion: 77 Resp: 608169

Ion Ratio Lower Upper

77 100

182 31.1 7.4 47.4

105 21.6 0.3 40.3

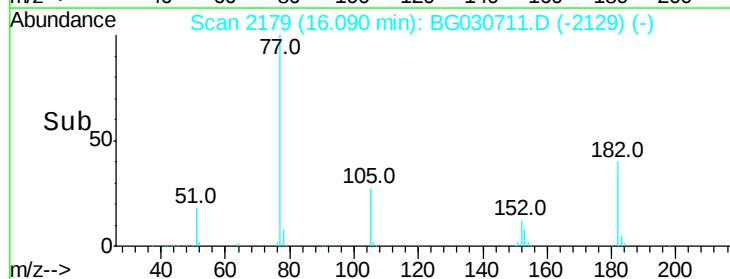
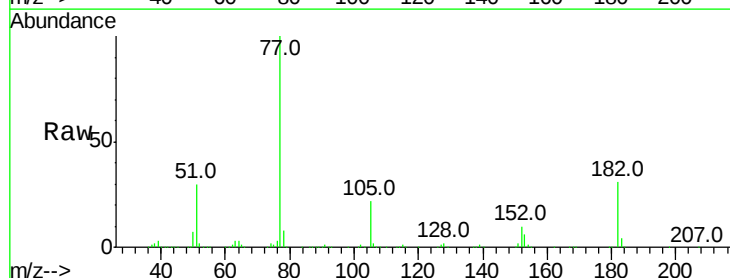
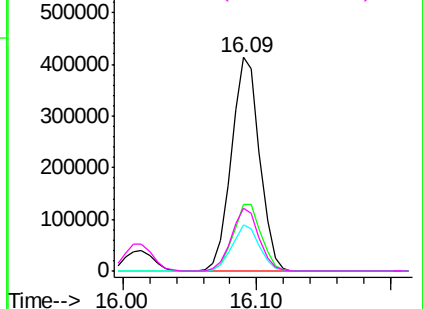
51 29.5 11.6 51.6

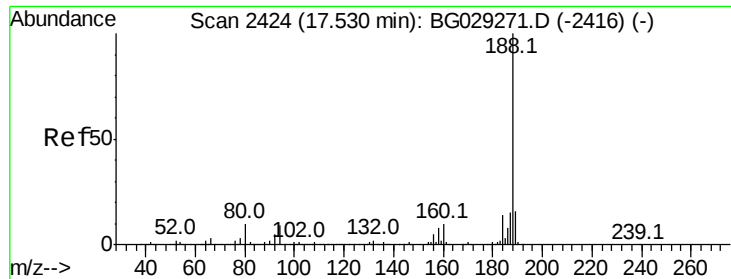
Abundance Ion 77.00 (76.70 to 77.70): BGC

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





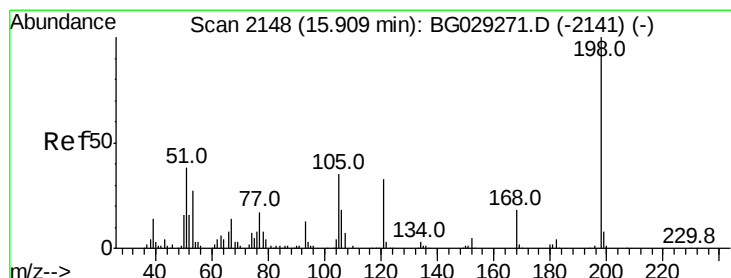
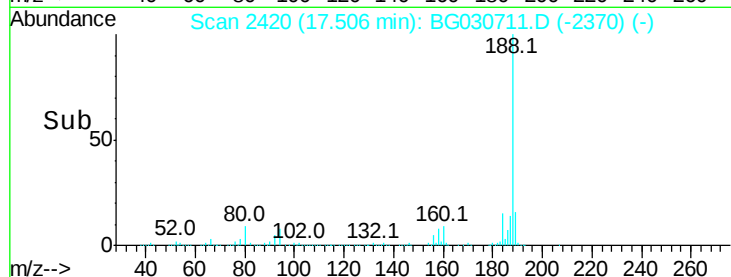
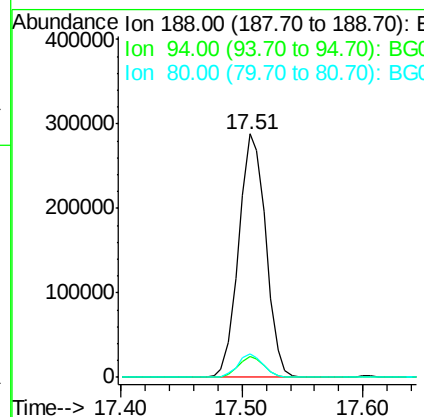
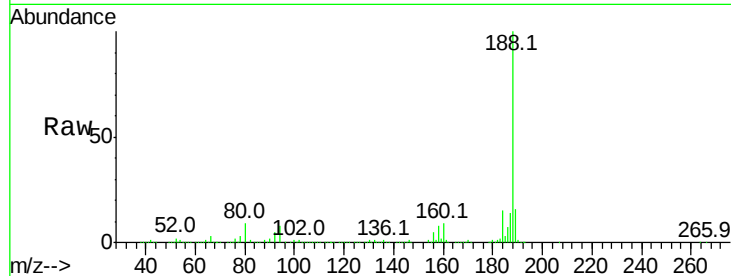
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2420
Delta R.T. -0.01 min
Lab File: BG030711.D
Acq: 3 Nov 2017 22:08

Instrument :
BNA_G
ClientSampleId :
LEONIA-GENMSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	8.4	6.9	10.3	
80	9.4	7.7	11.5	

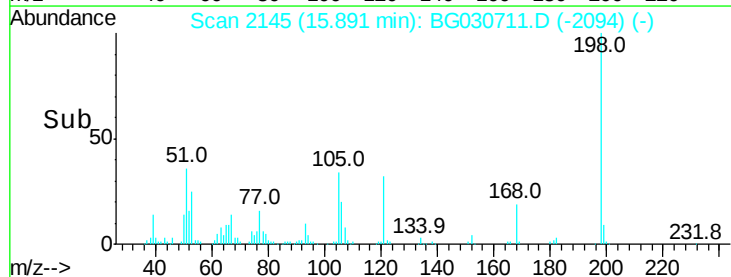
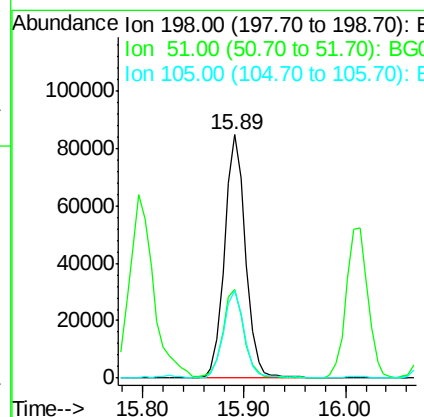
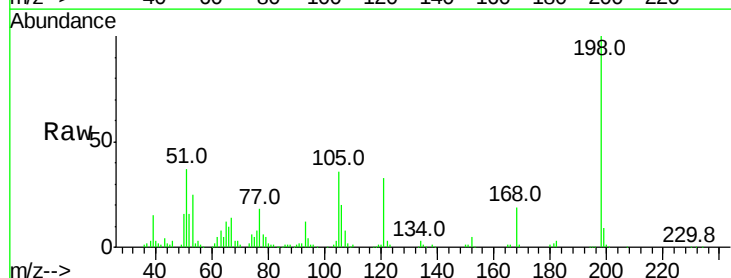
Manual Integrations
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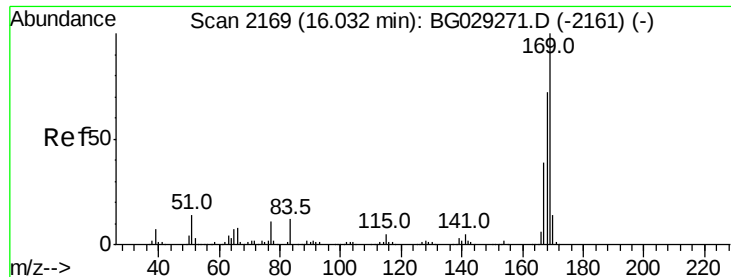
Sohil
11/4/2017 2:21:40 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 47.531 ng
RT: 15.89 min Scan# 2145
Delta R.T. -0.00 min
Lab File: BG030711.D
Acq: 3 Nov 2017 22:08

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	36.7	30.6	70.6	
105	36.2	23.8	63.8	





#65

n-Nitrosodiphenylamine

Concen: 43.247 ng

RT: 16.01 min Scan# 2166

Delta R.T. -0.00 min

Lab File: BG030711.D

Acq: 3 Nov 2017 22:08

Instrument :

BNA_G

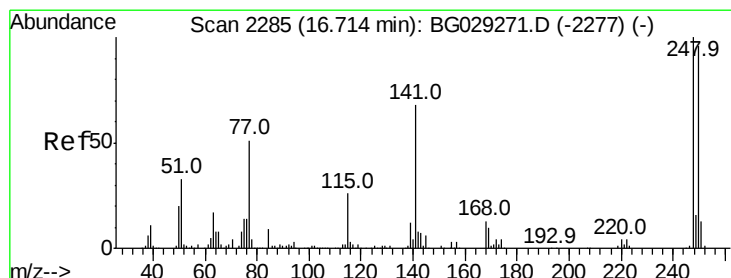
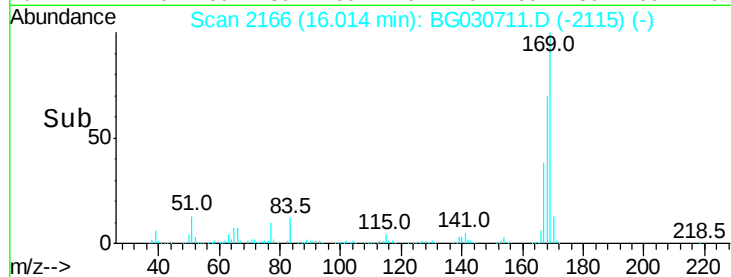
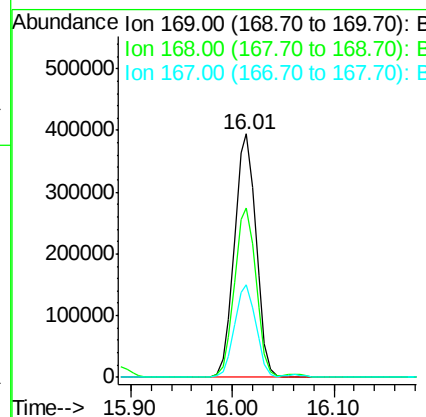
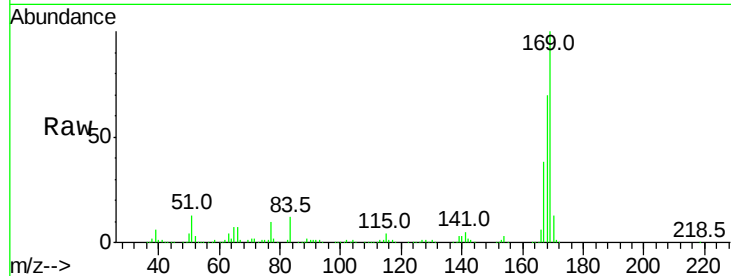
ClientSampleId :

LEONIA-GENMSD

Tot Ion:	169	Resp:	583827
Ion Ratio	Lower	Upper	
169	100		
168	69.8	55.7	83.5
167	37.9	30.1	45.1

Manual Integrations
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#66

4-Bromophenyl-phenylether

Concen: 47.733 ng

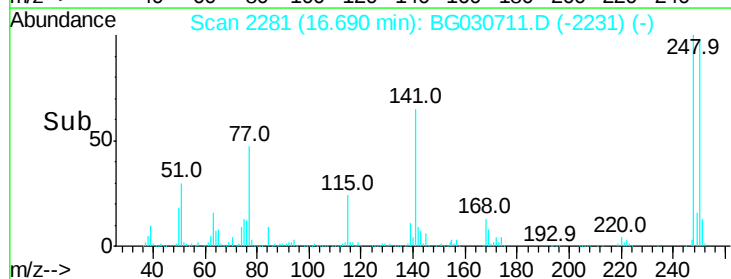
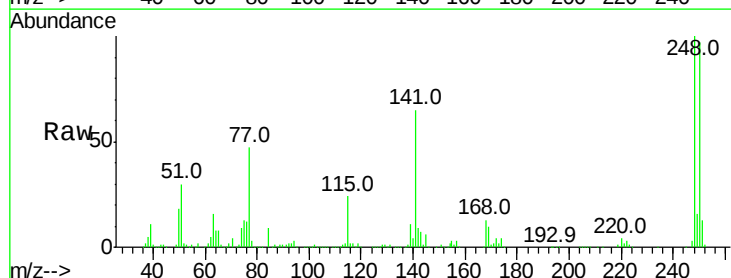
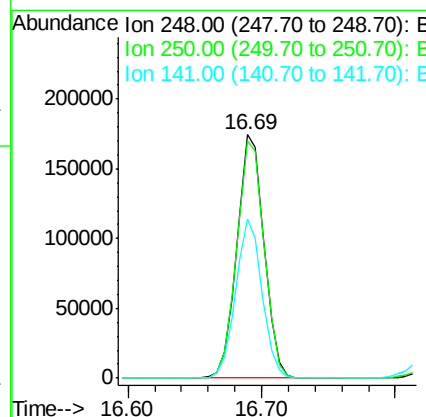
RT: 16.69 min Scan# 2281

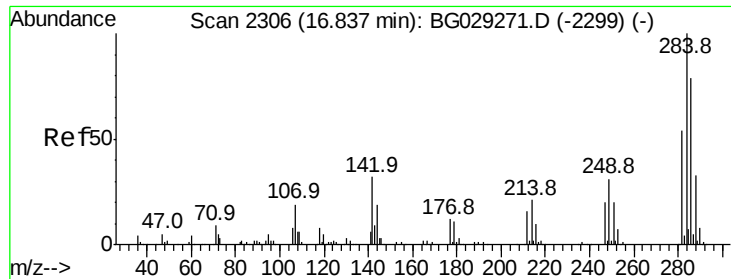
Delta R.T. -0.01 min

Lab File: BG030711.D

Acq: 3 Nov 2017 22:08

Tgt Ion:	248	Resp:	246836
Ion Ratio	Lower	Upper	
248	100		
250	97.4	77.1	115.7
141	65.4	50.8	76.2





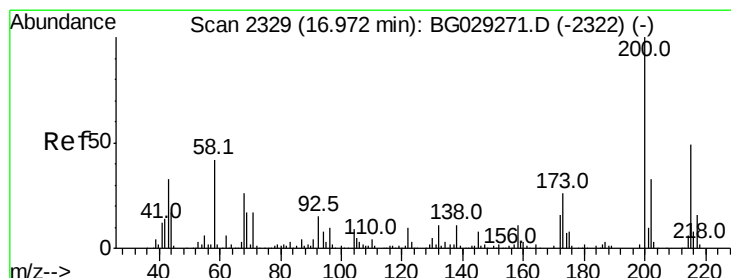
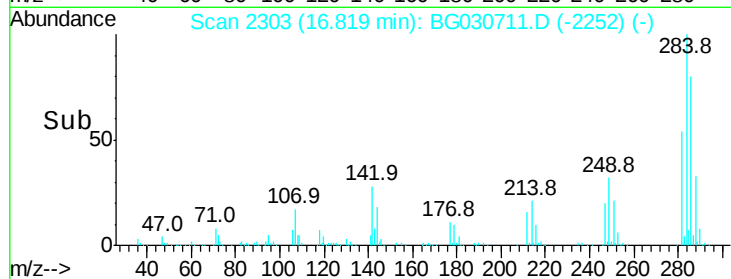
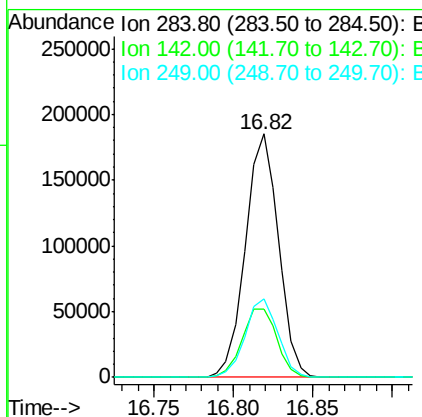
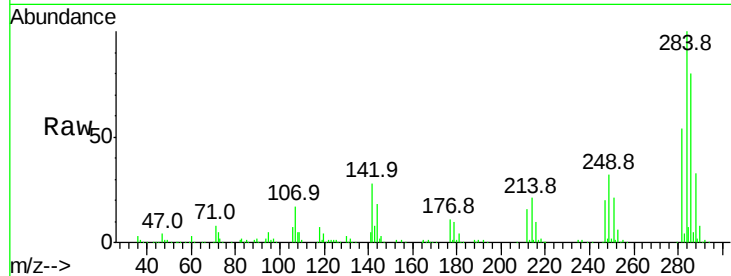
#67
Hexachlorobenzene
Concen: 45.793 ng
RT: 16.82 min Scan# 2303
Delta R.T. -0.00 min
Lab File: BG030711.D
Acq: 3 Nov 2017 22:08

Instrument :
BNA_G
ClientSampleId :
LEONIA-GENMSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100	268235		
142	28.0	26.8	40.2	
249	32.3	26.3	39.5	

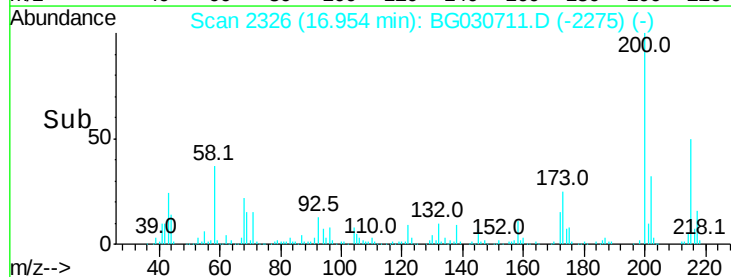
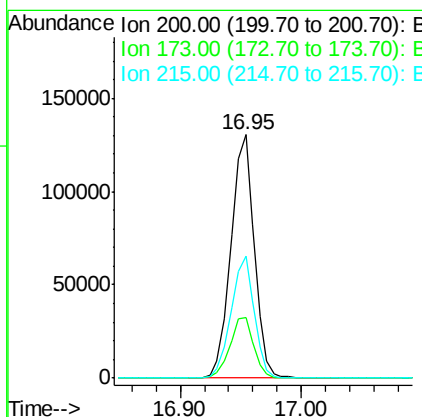
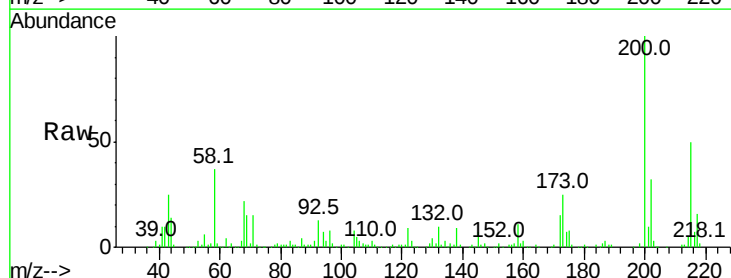
Manual Integrations
APPROVED

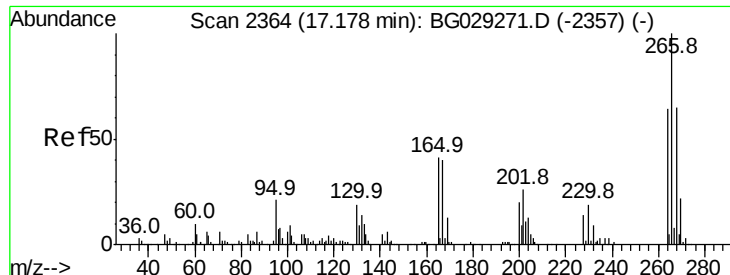
Sohil
11/4/2017 2:21:40 PM



#68
Atrazine
Concen: 36.437 ng
RT: 16.95 min Scan# 2326
Delta R.T. -0.00 min
Lab File: BG030711.D
Acq: 3 Nov 2017 22:08

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	175512		
173	24.9	5.2	45.2	
215	50.2	30.4	70.4	





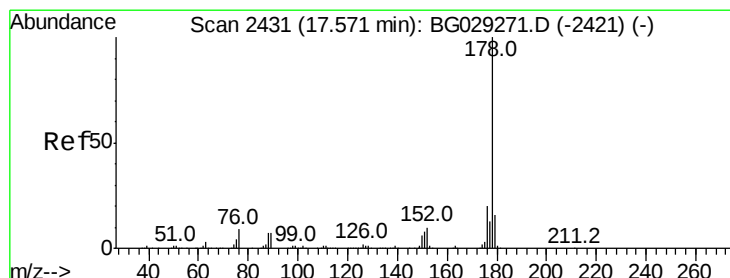
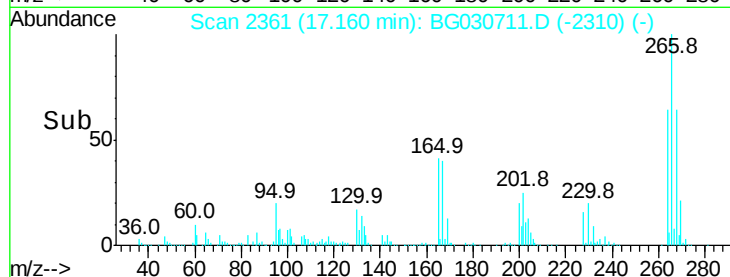
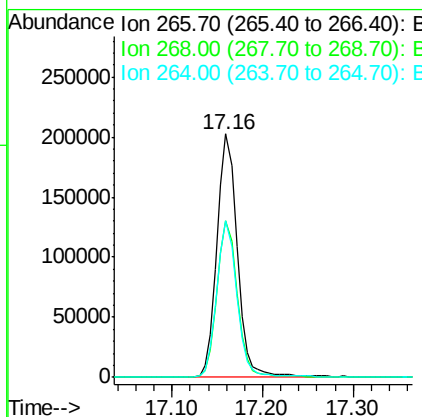
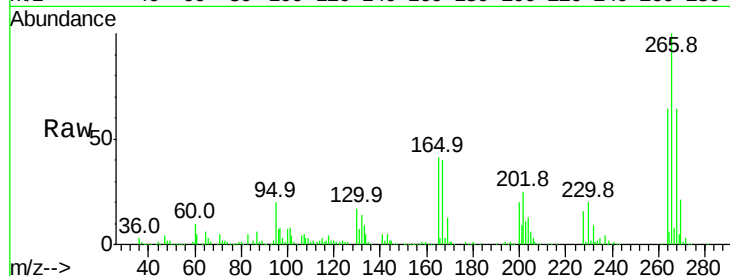
#69
 Pentachlorophenol
 Concen: 94.050 ng
 RT: 17.16 min Scan# 2361
 Delta R.T. -0.00 min
 Lab File: BG030711.D
 Acq: 3 Nov 2017 22:08

Instrument :
 BNA_G
 ClientSampleId :
 LEONIA-GENMSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	316468		
268	64.1	51.1	76.7	
264	64.3	49.6	74.4	

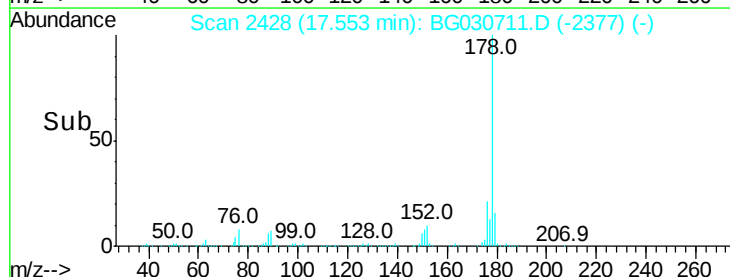
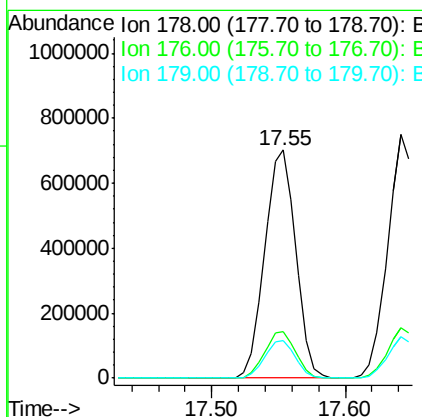
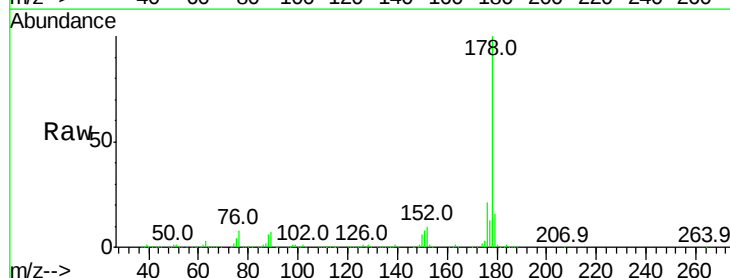
Manual Integrations
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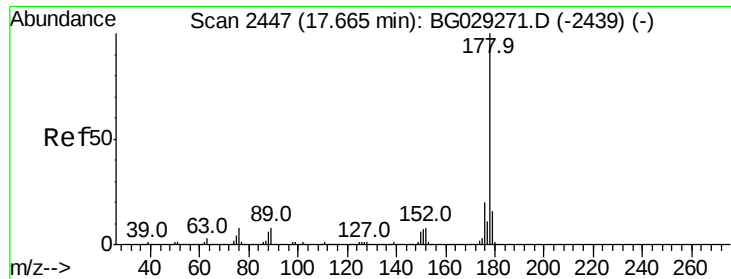
Sohil
 11/4/2017 2:21:40 PM



#70
 Phenanthrene
 Concen: 48.450 ng
 RT: 17.55 min Scan# 2428
 Delta R.T. -0.00 min
 Lab File: BG030711.D
 Acq: 3 Nov 2017 22:08

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1127967		
176	20.5	15.7	23.5	
179	16.3	12.5	18.7	





#71

Anthracene

Concen: 48.513 ng

RT: 17.64 min Scan# 2443

Delta R.T. -0.00 min

Lab File: BG030711.D

Acq: 3 Nov 2017 22:08

Instrument :

BNA_G

ClientSampleId :

LEONIA-GENMSD

Tot Ion:178 Resp: 1134104

Ion Ratio Lower Upper

178 100

176 20.5 16.0 24.0

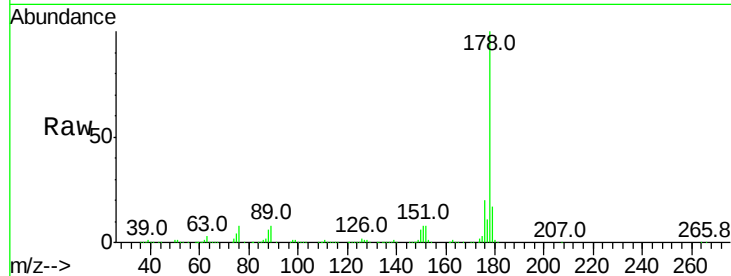
179 16.7 12.5 18.7

Manual Integrations

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Sohil

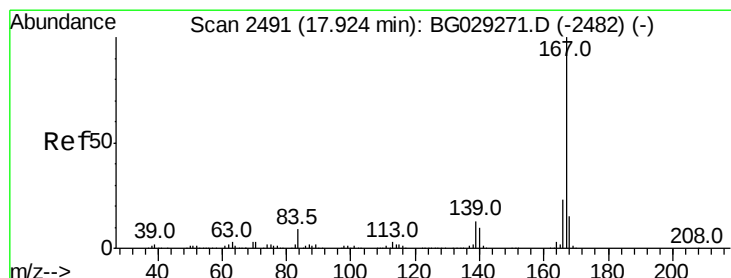
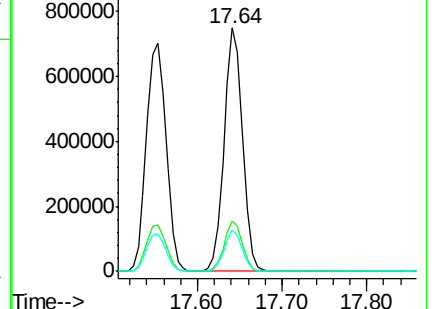
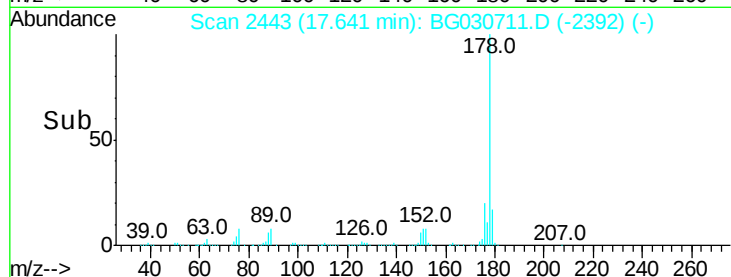
11/4/2017 2:21:40 PM



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



#72

Carbazole

Concen: 45.354 ng

RT: 17.91 min Scan# 2488

Delta R.T. -0.01 min

Lab File: BG030711.D

Acq: 3 Nov 2017 22:08

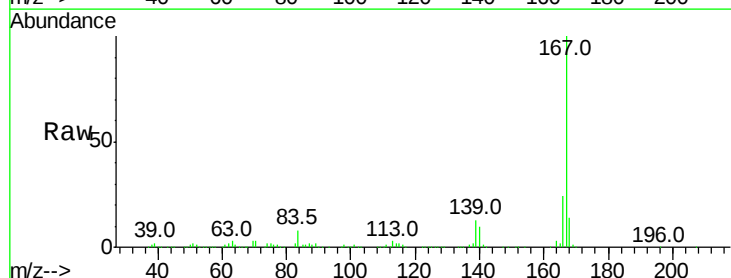
Tgt Ion:167 Resp: 1018492

Ion Ratio Lower Upper

167 100

166 23.7 18.2 27.4

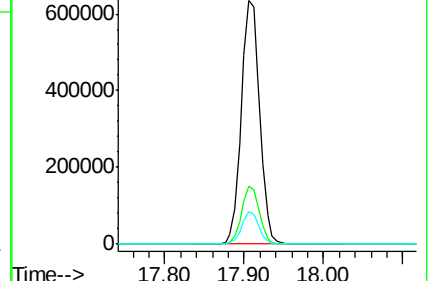
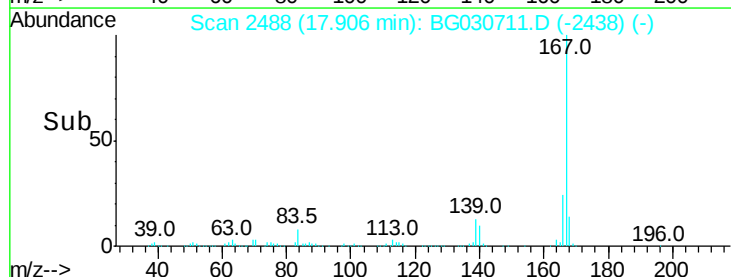
139 13.1 9.4 14.2

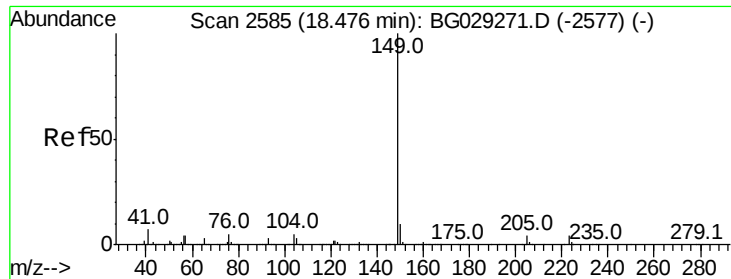


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





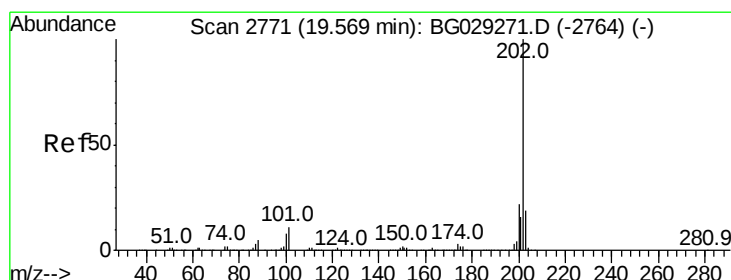
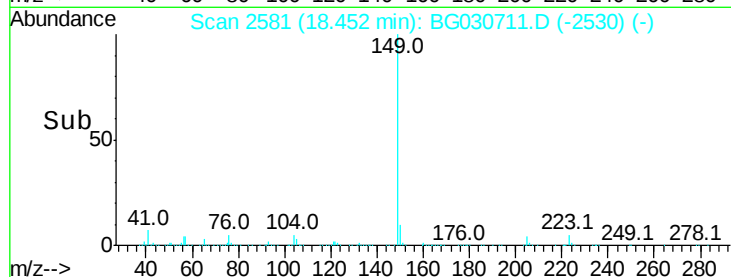
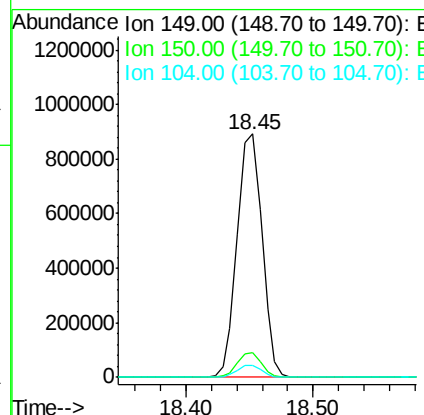
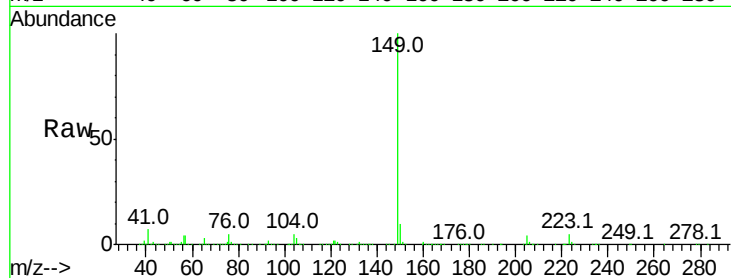
#73
Di-n-butylphthalate
Concen: 46.947 ng
RT: 18.45 min Scan# 2581
Delta R.T. -0.00 min
Lab File: BG030711.D
Acq: 3 Nov 2017 22:08

Instrument :
BNA_G
ClientSampleId :
LEONIA-GENMSD

Tot Ion	Ratio	Lower	Upper
149	100		
150	10.0	7.8	11.6
104	4.8	3.9	5.9

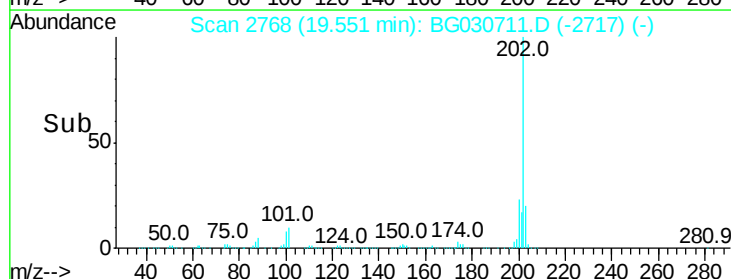
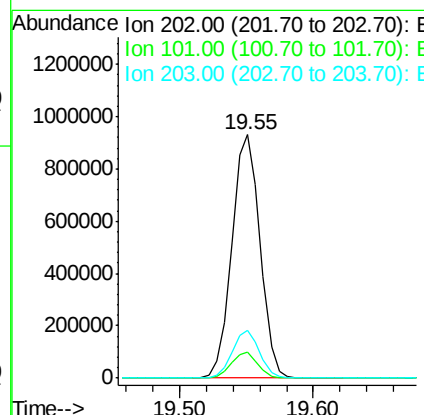
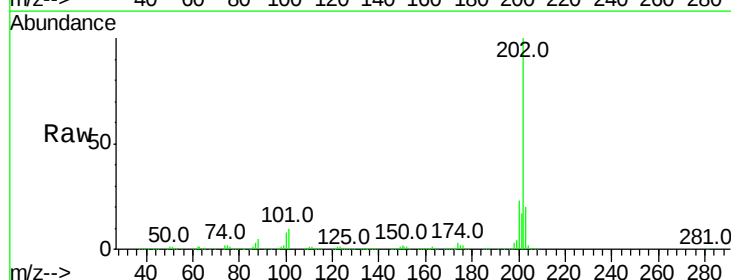
Manual Integrations
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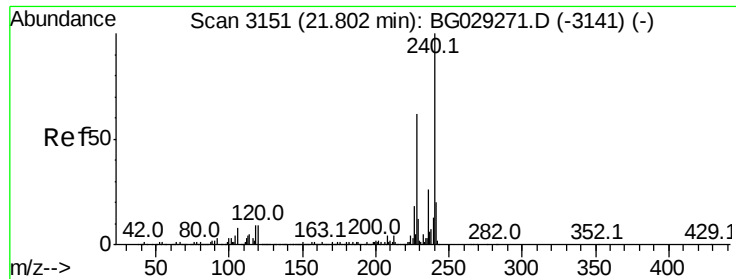
Sohil
11/4/2017 2:21:40 PM



#74
Fluoranthene
Concen: 50.334 ng
RT: 19.55 min Scan# 2768
Delta R.T. -0.00 min
Lab File: BG030711.D
Acq: 3 Nov 2017 22:08

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	28.9
203	19.9	0.0	37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.78 min Scan# 3147

Delta R.T. -0.01 min

Lab File: BG030711.D

Acq: 3 Nov 2017 22:08

Instrument :

BNA_G

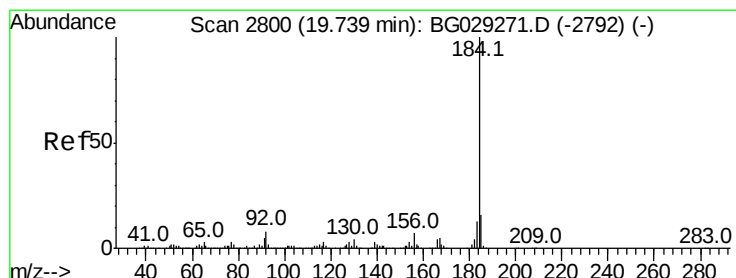
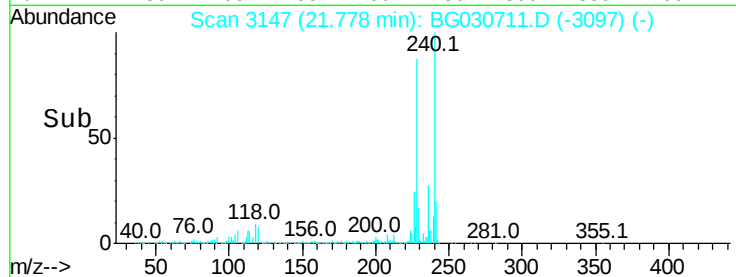
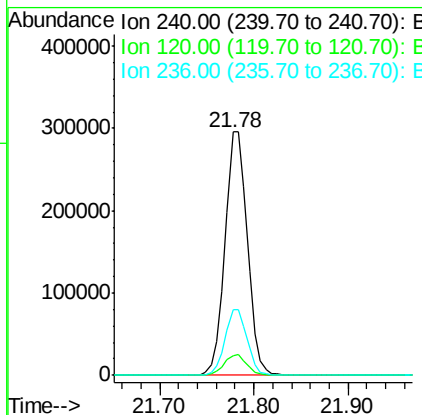
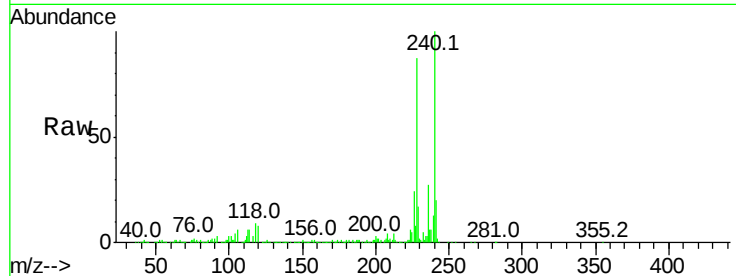
ClientSampleId :

LEONIA-GENMSD

Tot Ion:	240	Resp:	489497
Ion Ratio		Lower	Upper
240	100		
120	8.2	6.8	10.2
236	26.8	20.9	31.3

Manual Integrations
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Sohil
11/4/2017 2:21:40 PM



#76

Benzidine

Concen: 5.491 ng m

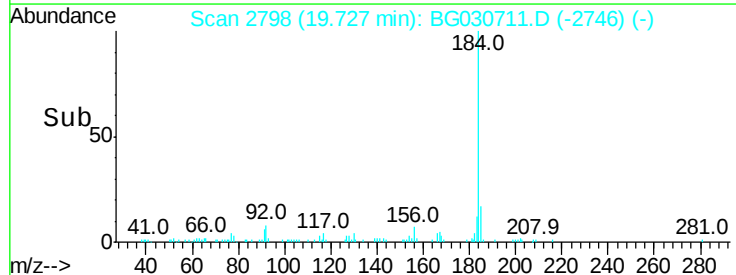
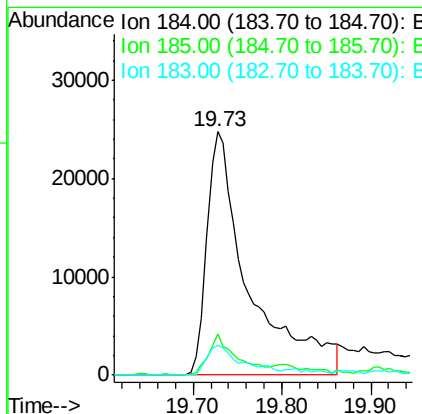
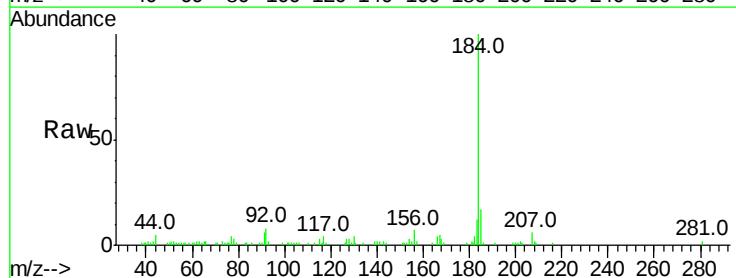
RT: 19.73 min Scan# 2798

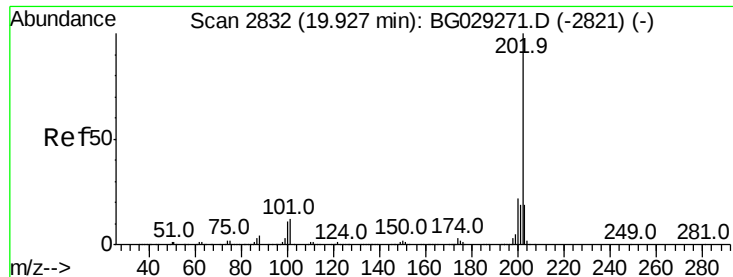
Delta R.T. 0.01 min

Lab File: BG030711.D

Acq: 3 Nov 2017 22:08

Tgt Ion:	184	Resp:	81154
Ion Ratio		Lower	Upper
184	100		
185	17.0	11.1	16.7#
183	12.4	10.6	16.0





#77

Pvrene

Concen: 47.151 ng

RT: 19.91 min Scan# 2829

Delta R.T. -0.01 min

Lab File: BG030711.D

Acq: 3 Nov 2017 22:08

Instrument :

BNA_G

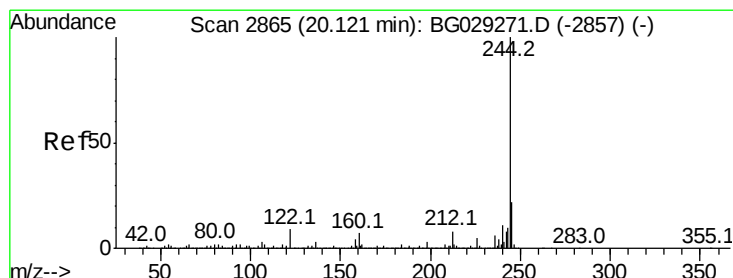
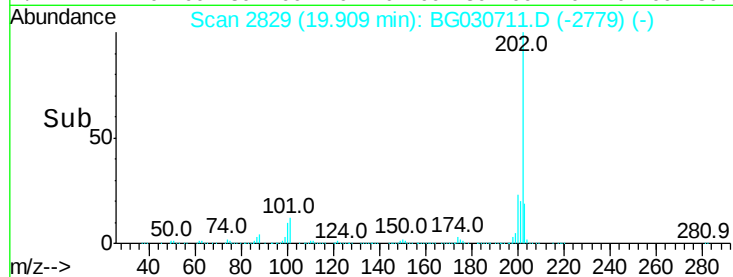
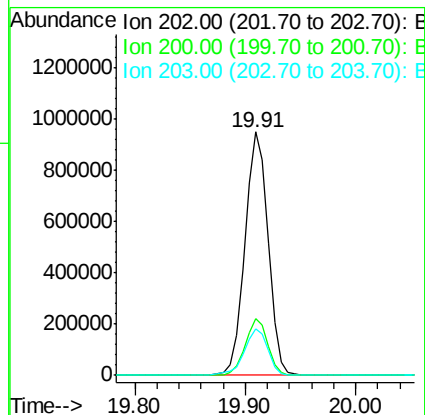
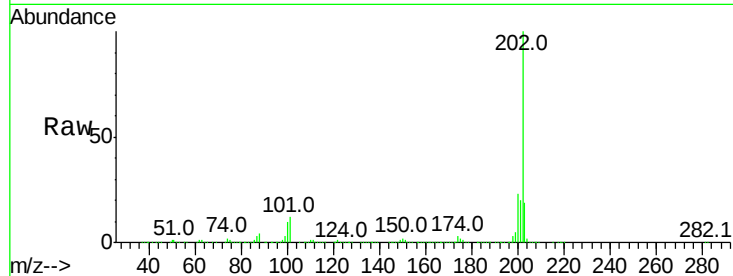
ClientSampleId :

LEONIA-GENMSD

Tot Ion:	202	Resp:	1400105
Ion Ratio	Lower	Upper	
202	100		
200	23.2	16.9	25.3
203	19.2	13.9	20.9

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#78

Terphenyl-d14

Concen: 87.025 ng

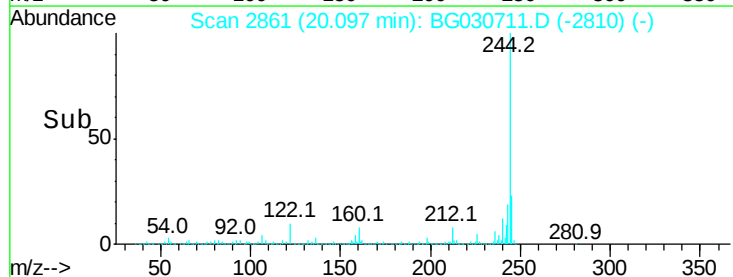
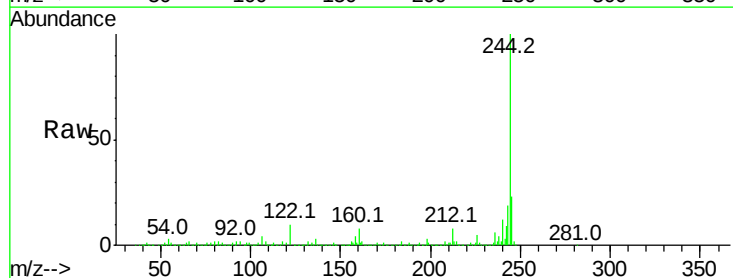
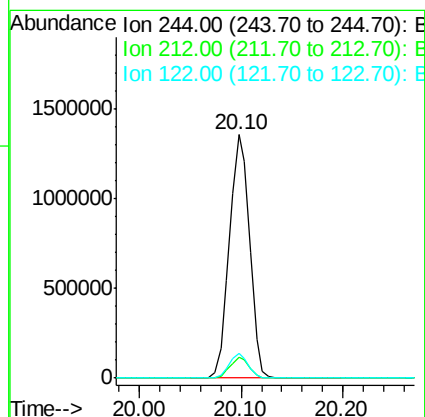
RT: 20.10 min Scan# 2861

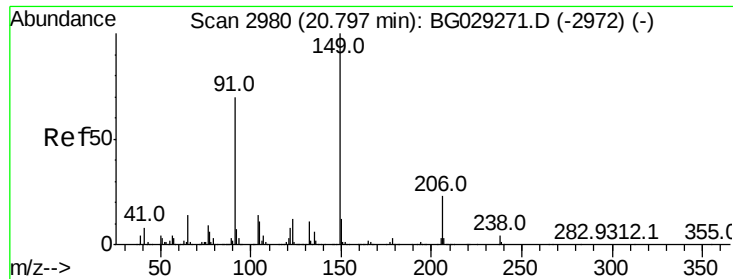
Delta R.T. -0.00 min

Lab File: BG030711.D

Acq: 3 Nov 2017 22:08

Tgt Ion:	244	Resp:	1872517
Ion Ratio	Lower	Upper	
244	100		
212	8.4	5.8	8.8
122	9.9	7.0	10.4





#79

Butylbenzylphthalate

Concen: 45.785 ng

RT: 20.78 min Scan# 2977

Delta R.T. -0.00 min

Lab File: BG030711.D

Acq: 3 Nov 2017 22:08

Instrument :

BNA_G

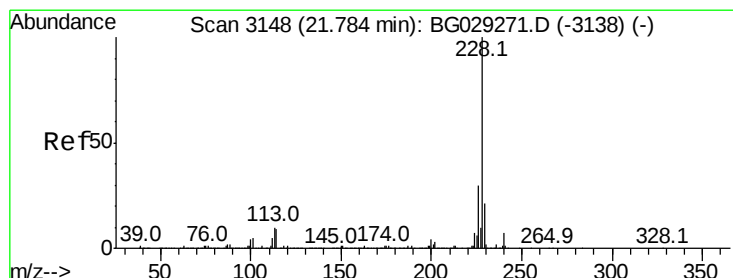
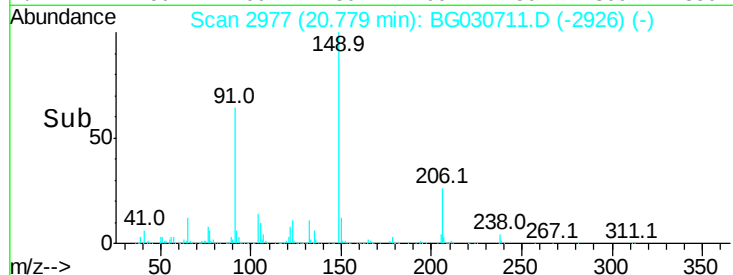
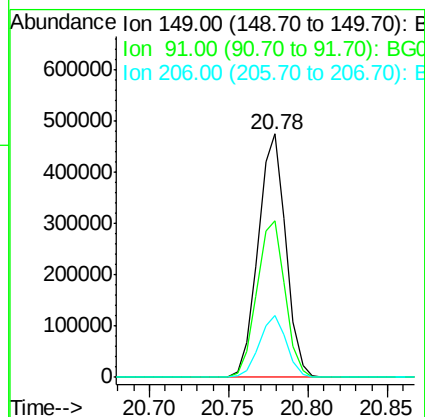
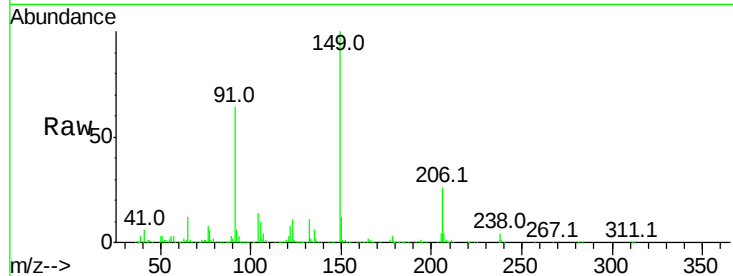
ClientSampleId :

LEONIA-GENMSD

Tot Ion:	149	Resp:	579219
Ion Ratio	Lower	Upper	
149	100		
91	64.4	62.2	93.2
206	25.6	18.6	27.8

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#80

Benzo(a)anthracene

Concen: 49.200 ng

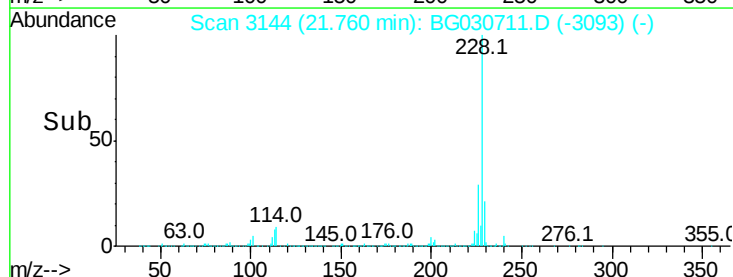
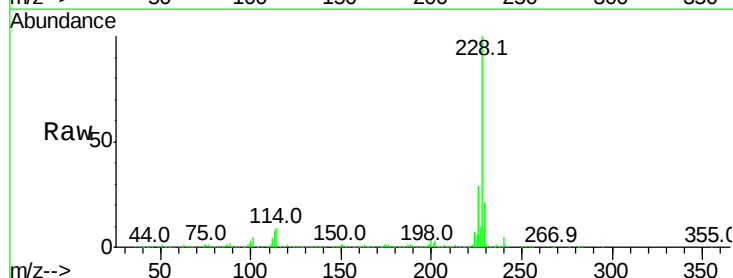
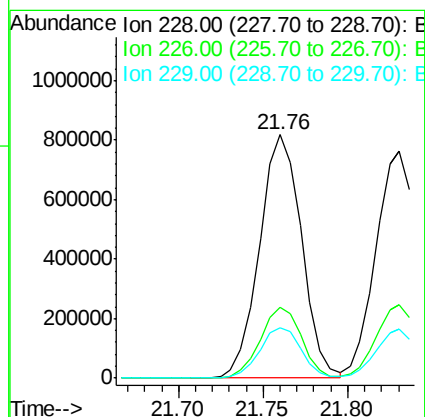
RT: 21.76 min Scan# 3144

Delta R.T. -0.00 min

Lab File: BG030711.D

Acq: 3 Nov 2017 22:08

Tgt Ion:	228	Resp:	1413995
Ion Ratio	Lower	Upper	
228	100		
226	29.1	22.7	34.1
229	20.7	16.2	24.2





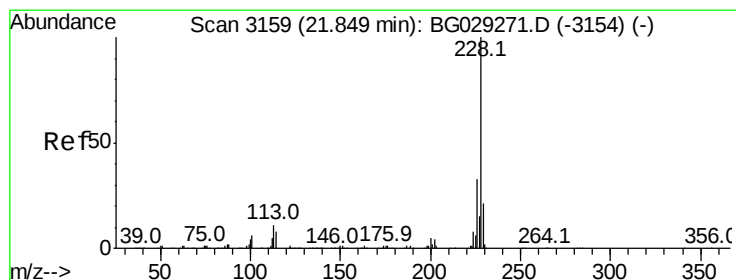
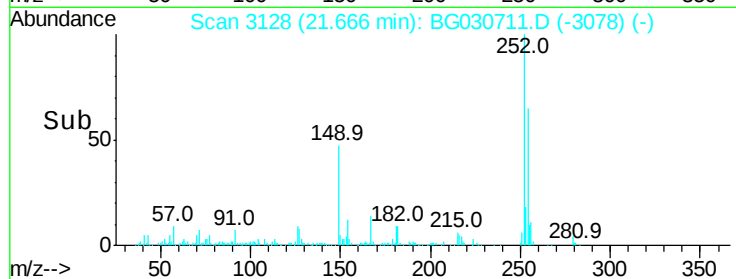
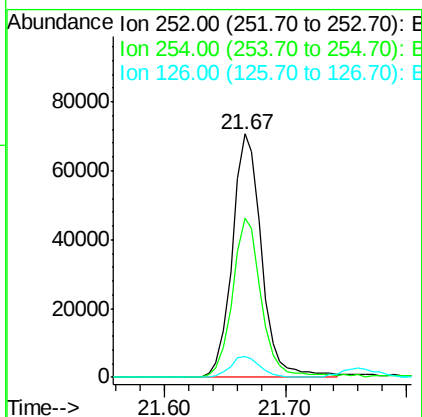
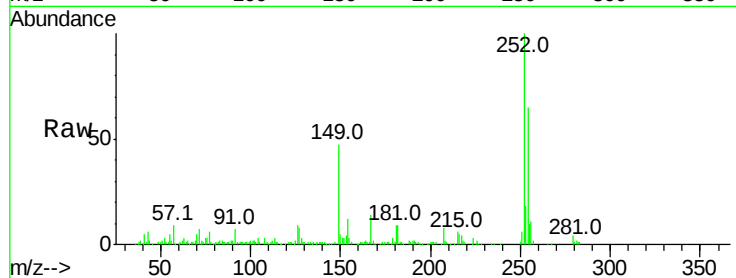
#81
 3,3'-Dichlorobenzidine
 Concen: 10.072 ng
 RT: 21.67 min Scan# 3128
 Delta R.T. -0.01 min
 Lab File: BG030711.D
 Acq: 3 Nov 2017 22:08

Instrument :
 BNA_G
 ClientSampleId :
 LEONIA-GENMSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.2	50.8	76.2
126	8.7	7.4	11.2

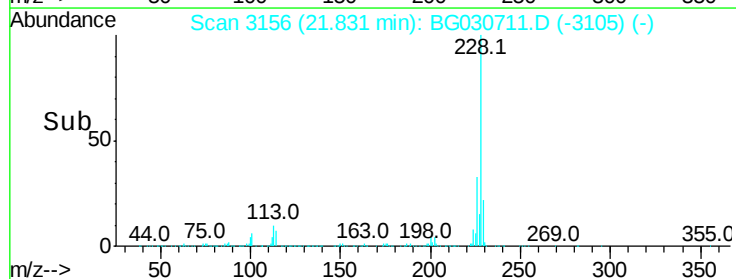
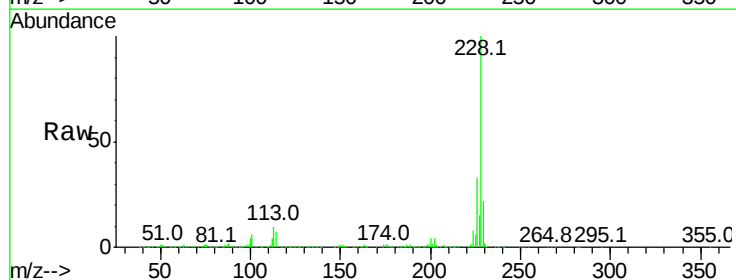
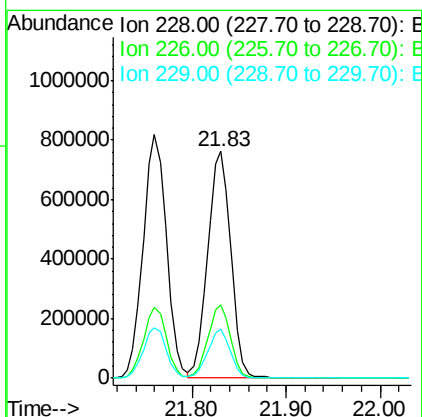
Manual Integrations
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#82
 Chrysene
 Concen: 47.763 ng
 RT: 21.83 min Scan# 3156
 Delta R.T. -0.00 min
 Lab File: BG030711.D
 Acq: 3 Nov 2017 22:08

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.6	24.9	37.3
229	21.6	15.0	22.4





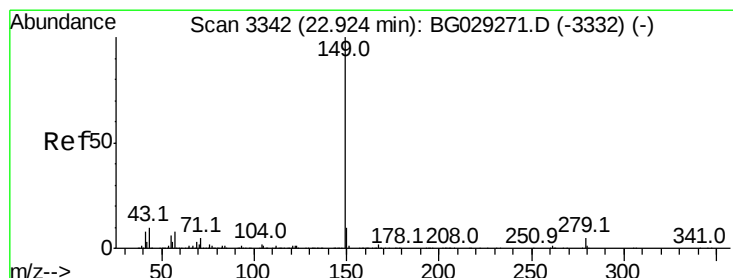
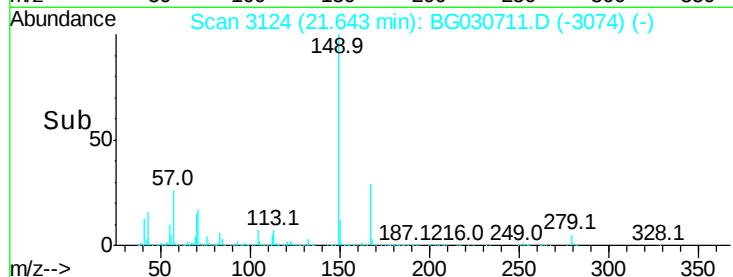
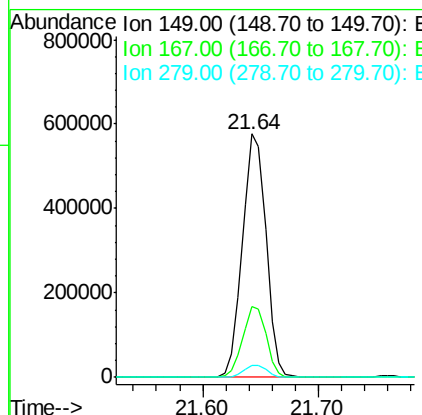
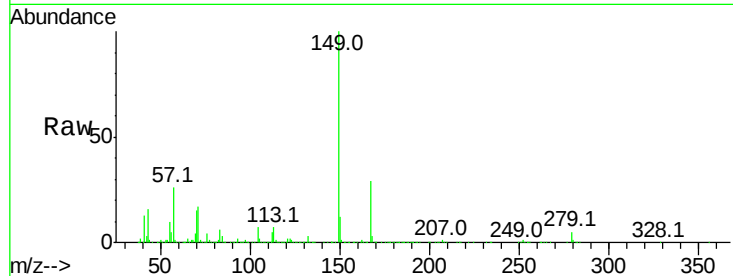
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.939 ng
 RT: 21.64 min Scan# 3124
 Delta R.T. -0.01 min
 Lab File: BG030711.D
 Acq: 3 Nov 2017 22:08

Instrument :
 BNA_G
 ClientSampleId :
 LEONIA-GENMSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	29.2	24.3	36.5
279	5.1	4.0	6.0

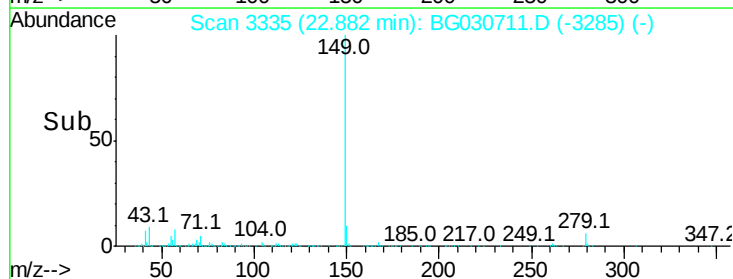
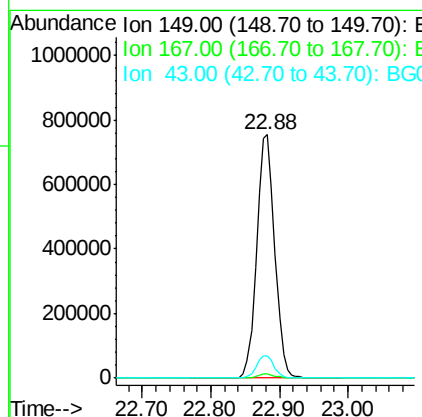
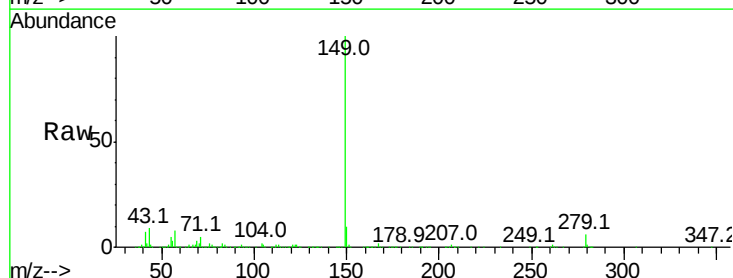
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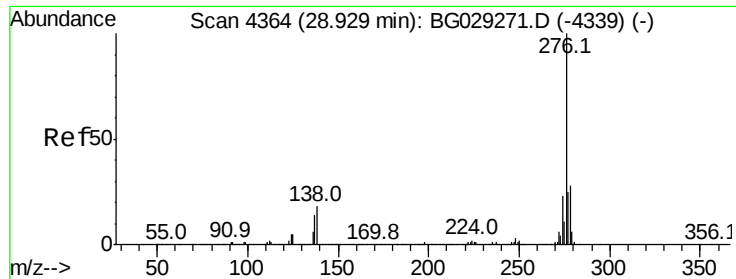
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#84
 Di-n-octyl phthalate
 Concen: 43.672 ng
 RT: 22.88 min Scan# 3335
 Delta R.T. -0.01 min
 Lab File: BG030711.D
 Acq: 3 Nov 2017 22:08

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





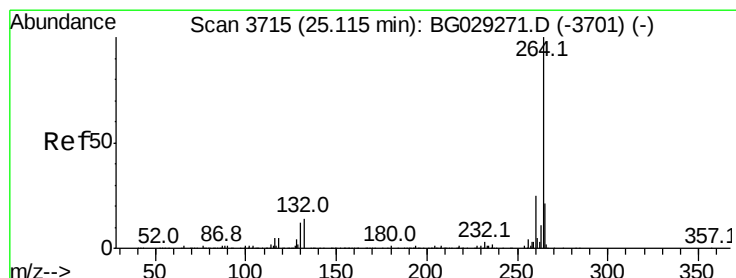
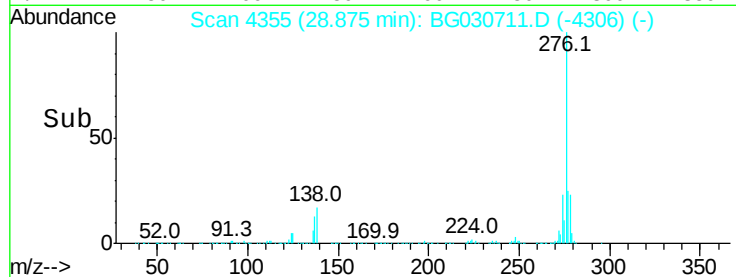
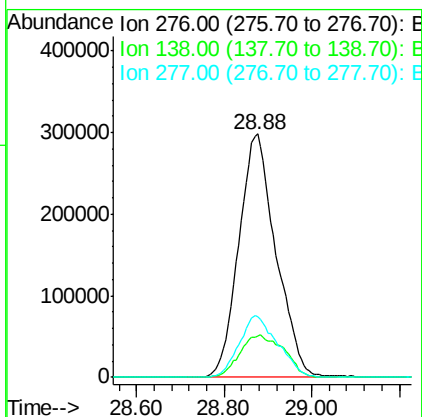
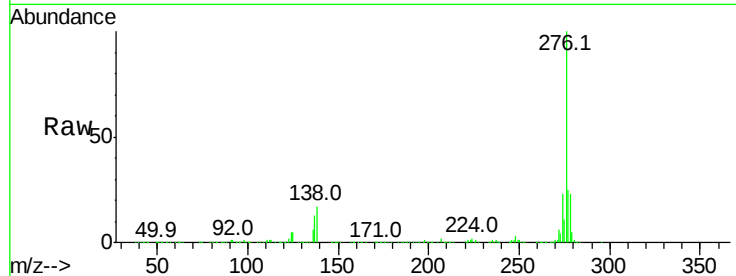
#85
Indeno(1,2,3-cd)pyrene
Concen: 50.649 ng
RT: 28.88 min Scan# 4355
Delta R.T. -0.01 min
Lab File: BG030711.D
Acq: 3 Nov 2017 22:08

Instrument :
BNA_G
ClientSampleId :
LEONIA-GENMSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.9	16.0	24.0
277	26.3	20.0	30.0

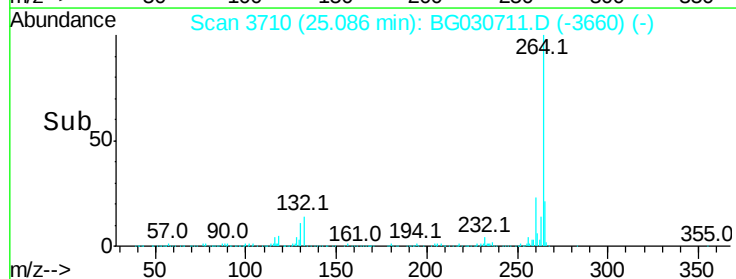
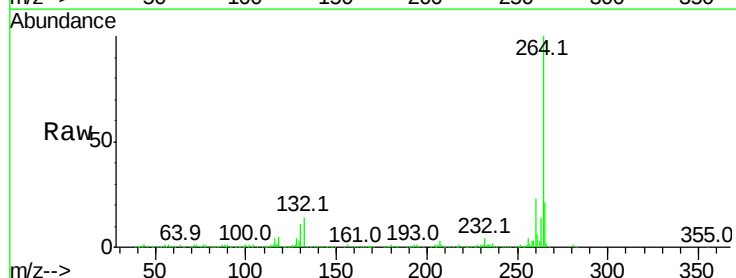
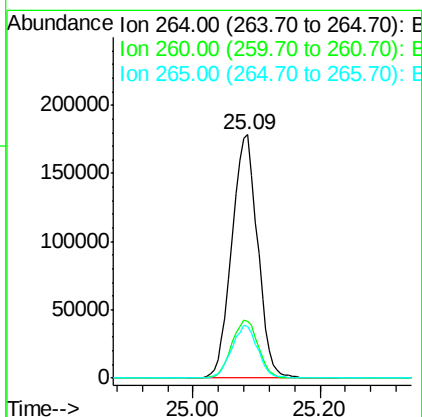
Manual Integrations
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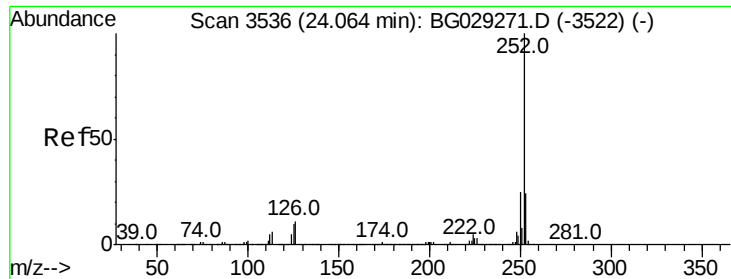
Sohil
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#86
Perylene-d12
Concen: 20.000 ng
RT: 25.09 min Scan# 3710
Delta R.T. -0.01 min
Lab File: BG030711.D
Acq: 3 Nov 2017 22:08

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	17.4	26.0
265	20.9	17.7	26.5





#87

Benzo(b)fluoranthene

Concen: 49.949 ng

RT: 24.03 min Scan# 3531

Delta R.T. -0.01 min

Lab File: BG030711.D

Acq: 3 Nov 2017 22:08

Instrument :

BNA_G

ClientSampleId :

LEONIA-GENMSD

Tot Ion:252 Resp: 1429341

Ion Ratio Lower Upper

252 100

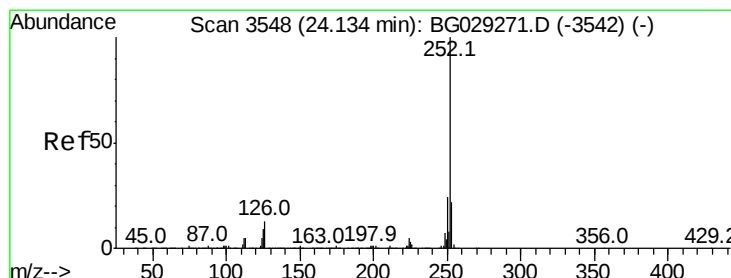
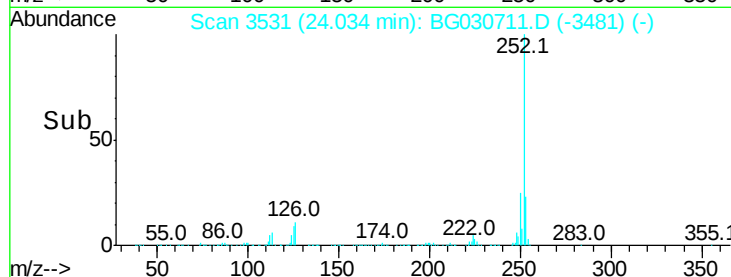
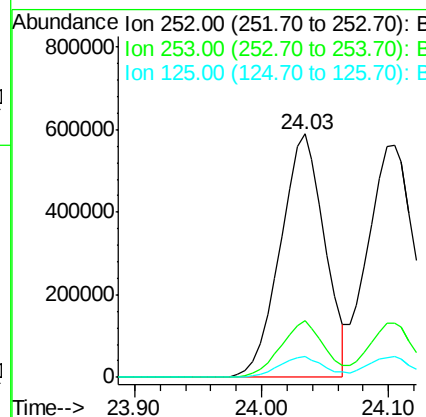
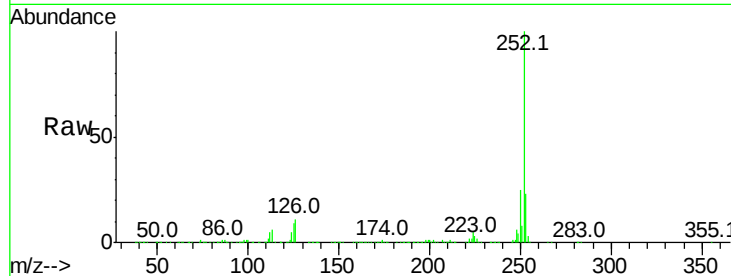
253 23.1 18.2 27.4

125 8.6 7.2 10.8

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#88

Benzo(k)fluoranthene

Concen: 50.236 ng

RT: 24.10 min Scan# 3543

Delta R.T. -0.01 min

Lab File: BG030711.D

Acq: 3 Nov 2017 22:08

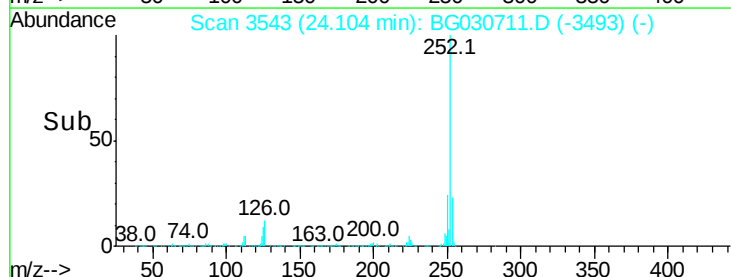
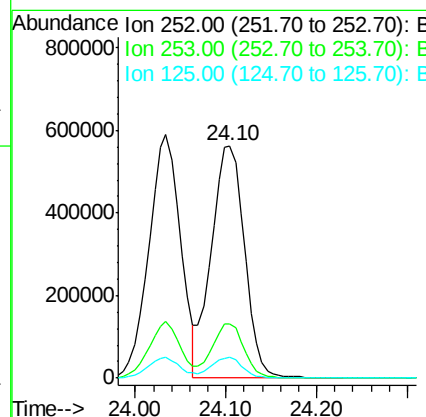
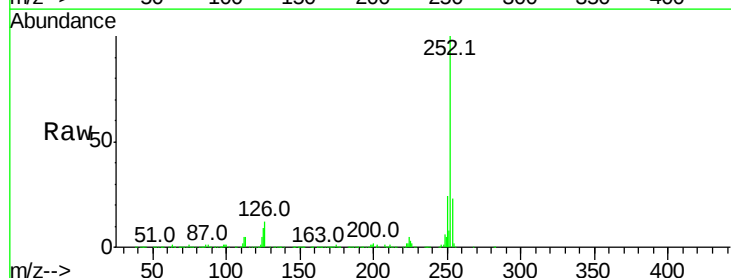
Tgt Ion:252 Resp: 1432170

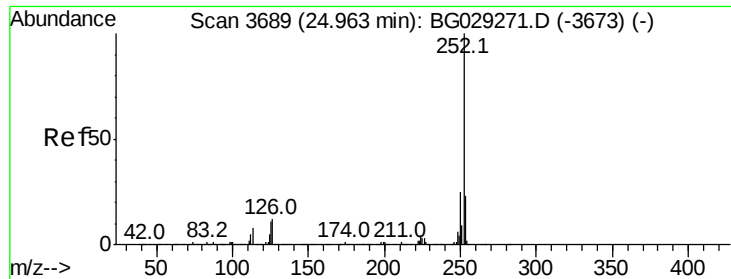
Ion Ratio Lower Upper

252 100

253 23.1 17.4 26.2

125 8.8 6.6 9.8





#89

Benzo(a)pyrene

Concen: 50.718 ng

RT: 24.93 min Scan# 3684

Delta R.T. -0.00 min

Lab File: BG030711.D

Acq: 3 Nov 2017 22:08

Instrument :

BNA_G

ClientSampleId :

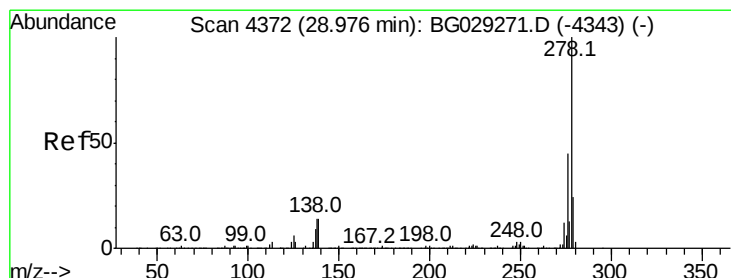
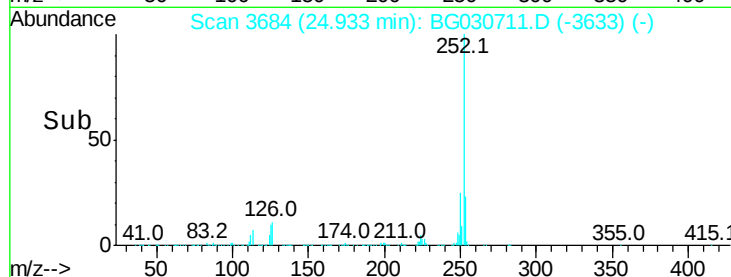
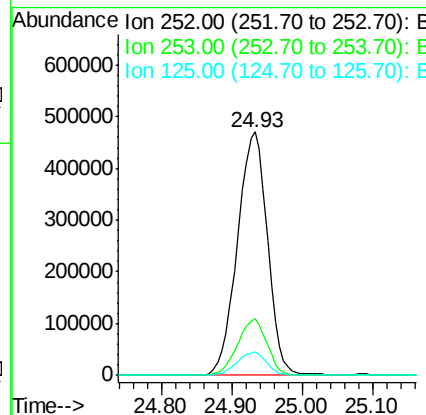
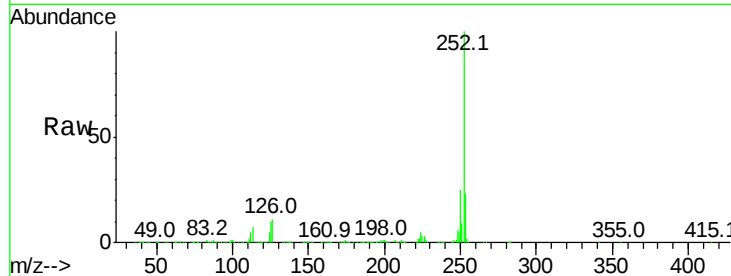
LEONIA-GENMSD

Tot Ion:252 Resp: 1395267

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.3	27.5
125	9.6	7.3	10.9

Manual Integrations
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#90

Dibenzo(a,h)anthracene

Concen: 51.766 ng

RT: 28.93 min Scan# 4365

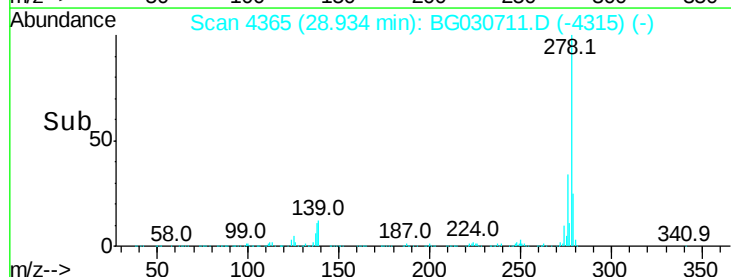
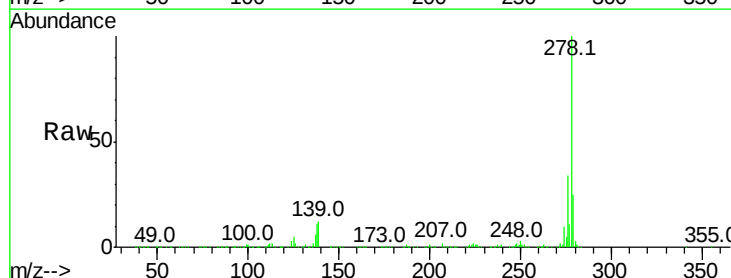
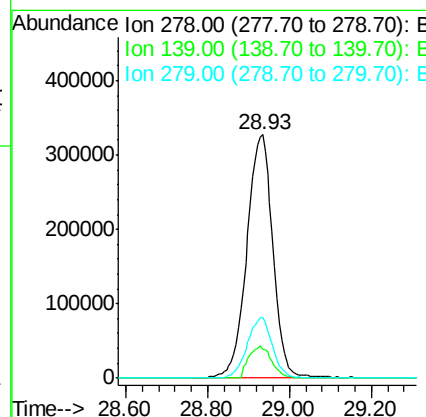
Delta R.T. -0.01 min

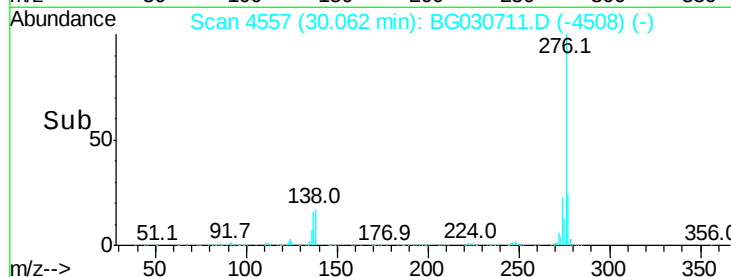
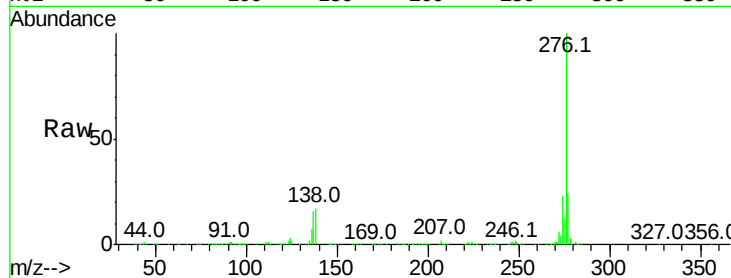
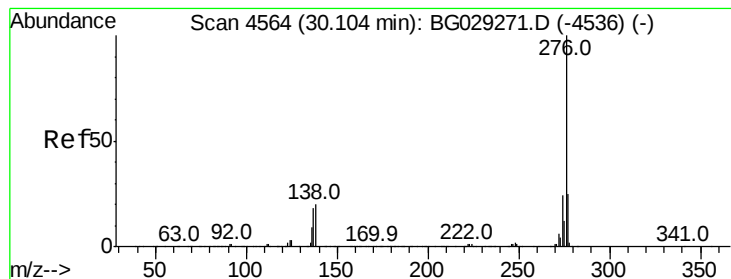
Lab File: BG030711.D

Acq: 3 Nov 2017 22:08

Tgt Ion:278 Resp: 1441741

Ion	Ratio	Lower	Upper
278	100		
139	11.5	9.8	14.6
279	24.7	18.4	27.6





#91

Benzo(a,h,i)perylene

Concen: 55.149 ng

RT: 30.06 min Scan# 4557

Delta R.T. -0.01 min

Lab File: BG030711.D

Acq: 3 Nov 2017 22:08

Instrument :

BNA_G

ClientSampleId :

LEONIA-GENMSD

Tot Ion: 276 Resp: 1427122

Ion Ratio Lower Upper

276 100

277 23.6 18.3 27.5

138 17.2 13.9 20.9

Manual Integrations

APPROVED

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