

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091517\
 Data File : BG028771.D
 Acq On : 15 Sep 2017 17:21
 Operator : SJ/JU
 Sample : I5167-20MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C19013061MS

Manual Integrations
 APPROVED

Sohil
 9/18/2017 3:31:41 PM

Quant Time: Sep 16 05:30:46 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG091217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 16:57:11 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	23809	20.00	ng	-0.04
21) Naphthalene-d8	11.11	136	113323	20.00	ng	-0.04
38) Acenaphthene-d10	14.91	164	97523	20.00	ng	-0.04
63) Phenanthrene-d10	17.67	188	253169	20.00	ng	-0.03
75) Chrysene-d12	22.00	240	304653	20.00	ng	-0.04
86) Perylene-d12	25.46	264	300156	20.00	ng	-0.07

System Monitoring Compounds

5) 2-Fluorophenol	5.86	112	99414	68.90	ng	-0.05
7) Phenol-d6	7.45	99	90933	41.86	ng	-0.04
23) Nitrobenzene-d5	9.46	82	208905	88.19	ng	-0.04
41) 2,4,6-Tribromophenol	16.41	330	231880	143.76	ng	-0.03
44) 2-Fluorobiphenyl	13.53	172	599168	81.92	ng	-0.04
78) Terphenyl-d14	20.25	244	1160696	81.25	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.78	88	9132	15.628	ng	90
3) Pyridine	4.18	79	20073	12.043	ng	97
4) n-Nitrosodimethylamine	4.09	42	12001m	15.828	ng	
6) Aniline	7.61	93	61114	24.171	ng	92
8) 2-Chlorophenol	7.86	128	61089	37.978	ng	88
9) Benzaldehyde	7.43	77	45216	33.547	ng	97
10) Phenol	7.47	94	34072	14.861	ng	90
11) bis(2-Chloroethyl)ether	7.70	93	69339	42.123	ng	94
12) 1,3-Dichlorobenzene	8.18	146	65832	38.008	ng	89
13) 1,4-Dichlorobenzene	8.33	146	69927	39.262	ng	100
14) 1,2-Dichlorobenzene	8.65	146	65670	37.321	ng	97
15) Benzyl Alcohol	8.53	79	50495	29.774	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.80	45	119866	40.066	ng	98
17) 2-Methylphenol	8.73	107	50803	33.909	ng	90
18) Hexachloroethane	9.37	117	26125	40.021	ng	96
19) n-Nitroso-di-n-propylamine	9.09	70	66046	42.885	ng	# 84
20) 3+4-Methylphenols	9.06	107	61963	29.568	ng	89
22) Acetophenone	9.12	105	128783	38.866	ng	# 88
24) Nitrobenzene	9.50	77	104125	39.694	ng	92
25) Isophorone	10.02	82	197690	41.243	ng	# 96
26) 2-Nitrophenol	10.22	139	43110	38.615	ng	# 88
27) 2,4-Dimethylphenol	10.27	122	76967	37.716	ng	95
28) bis(2-Chloroethoxy)methane	10.50	93	107462	41.284	ng	98
29) 2,4-Dichlorophenol	10.76	162	85244	41.983	ng	93
30) 1,2,4-Trichlorobenzene	10.97	180	88975	38.412	ng	98
31) Naphthalene	11.16	128	246656	41.674	ng	99
32) Benzoic acid	10.39	122	12408	13.562	ng	# 83
33) 4-Chloroaniline	11.27	127	60906	24.565	ng	# 91
34) Hexachlorobutadiene	11.44	225	59238	34.722	ng	93
35) Caprolactam	12.06	113	23313	32.018	ng	# 81
36) 4-Chloro-3-methylphenol	12.38	107	104380	39.501	ng	96
37) 2-Methylnaphthalene	12.75	142	201856	45.680	ng	95
39) 1,2,4,5-Tetrachlorobenzene	13.12	216	136438	34.026	ng	96
40) Hexachlorocyclopentadiene	13.09	237	103305	67.618	ng	95

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Quant Time: Sep 16 05:30:46 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG091217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 16:57:11 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.35	196	93059	36.565	ng	97
43) 2,4,5-Trichlorophenol	13.43	196	105758	41.355	ng	# 92
45) 1,1'-Biphenyl	13.75	154	290441	35.970	ng	97
46) 2-Chloronaphthalene	13.79	162	225485	38.286	ng	99
47) 2-Nitroaniline	14.00	65	91630	41.863	ng	# 86
48) Acenaphthylene	14.64	152	381716	40.569	ng	97
49) Dimethylphthalate	14.36	163	338220	41.358	ng	98
50) 2,6-Dinitrotoluene	14.49	165	76067	41.803	ng	# 82
51) Acenaphthene	14.98	154	236081	41.304	ng	96
52) 3-Nitroaniline	14.82	138	45985	28.577	ng	89
53) 2,4-Dinitrophenol	15.03	184	80828	83.869	ng	92
54) Dibenzofuran	15.31	168	421141	46.204	ng	94
55) 4-Nitrophenol	15.13	139	37948	32.188	ng	# 75
56) 2,4-Dinitrotoluene	15.28	165	117270	45.834	ng	# 83
57) Fluorene	15.96	166	376355	46.250	ng	100
58) 2,3,4,6-Tetrachlorophenol	15.54	232	105423	46.774	ng	95
59) Diethylphthalate	15.71	149	365180	43.453	ng	97
60) 4-Chlorophenyl-phenylether	15.94	204	199476	43.049	ng	91
61) 4-Nitroaniline	15.98	138	69209	40.597	ng	88
62) Azobenzene	16.23	77	326211	46.153	ng	92
64) 4,6-Dinitro-2-methylphenol	16.04	198	71089	43.517	ng	98
65) n-Nitrosodiphenylamine	16.16	169	307924	42.428	ng	97
66) 4-Bromophenyl-phenylether	16.84	248	144909	44.483	ng	96
67) Hexachlorobenzene	16.97	284	149721	40.382	ng	# 87
68) Atrazine	17.10	200	131062	42.059	ng	98
69) Pentachlorophenol	17.32	266	146875	87.677	ng	98
70) Phenanthrene	17.71	178	622622	48.092	ng	94
71) Anthracene	17.80	178	593828	45.406	ng	96
72) Carbazole	18.07	167	506985	43.043	ng	94
73) Di-n-butylphthalate	18.59	149	615588	42.623	ng	# 94
74) Fluoranthene	19.71	202	727207	46.003	ng	91
76) Benzidine	19.88	184	155770	19.717	ng	98
77) Pyrene	20.07	202	741380	42.190	ng	96
79) Butylbenzylphthalate	20.93	149	282989	39.875	ng	92
80) Benzo(a)anthracene	21.97	228	773862	42.200	ng	95
81) 3,3'-Dichlorobenzidine	21.87	252	216518	29.122	ng	95
82) Chrysene	22.04	228	719799	41.368	ng	94
83) Bis(2-ethylhexyl)phthalate	21.82	149	400466	39.691	ng	97
84) Di-n-octyl phthalate	23.12	149	699157	39.662	ng	# 88
85) Indeno(1,2,3-cd)pyrene	29.46	276	923733	41.319	ng	99
87) Benzo(b)fluoranthene	24.36	252	802649	44.634	ng	97
88) Benzo(k)fluoranthene	24.43	252	776437m	43.225	ng	
89) Benzo(a)pyrene	25.30	252	760660	44.563	ng	97
90) Dibenzo(a,h)anthracene	29.52	278	771570	43.357	ng	96
91) Benzo(g,h,i)perylene	30.71	276	762108	43.890	ng	99

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



#1

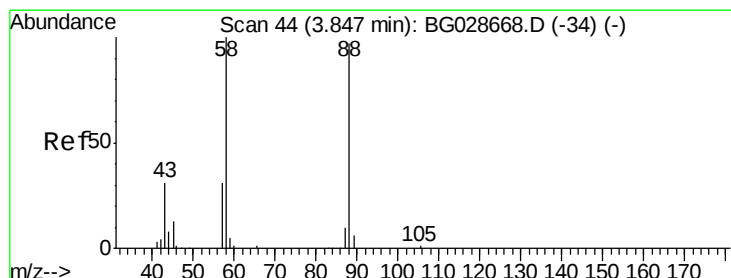
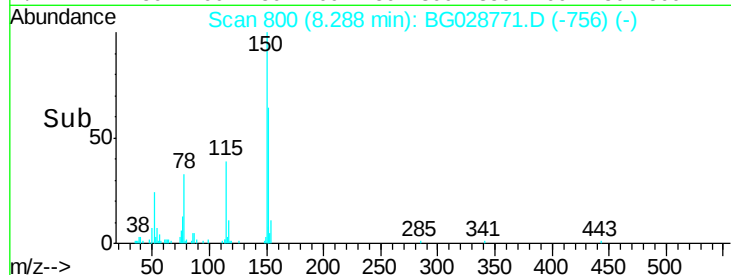
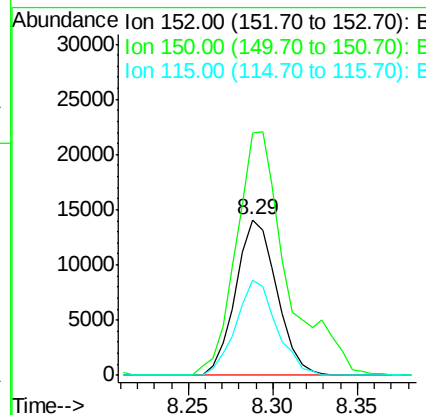
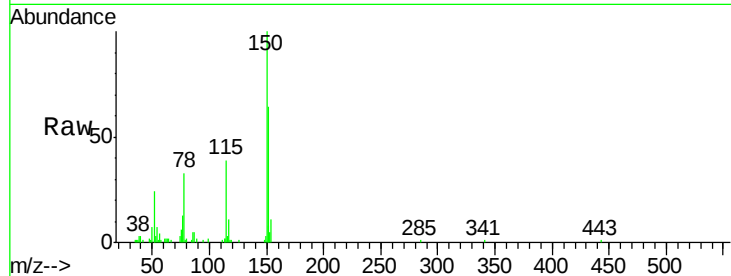
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.29 min Scan# 800
Delta R.T. -0.04 min
Lab File: BG028771.D
Acq: 15 Sep 2017 17:21

Instrument :
BNA_G
ClientSampleId :
C19013061MS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.3	114.0	171.0
115	60.9	48.1	72.1

Manual Integrations
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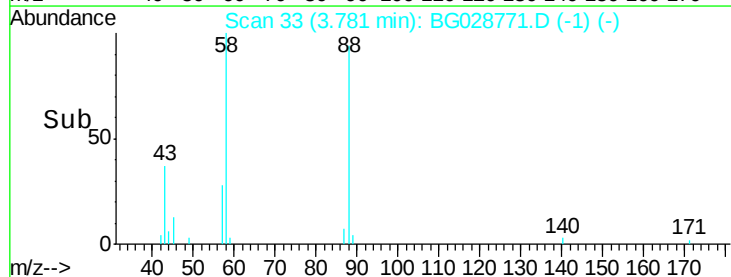
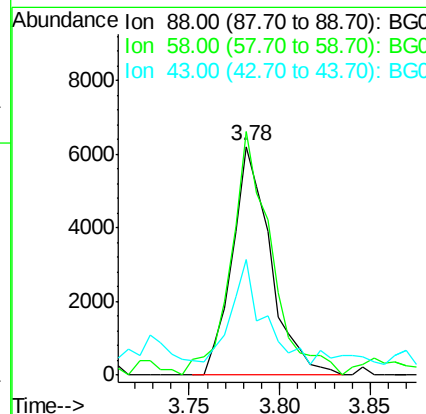
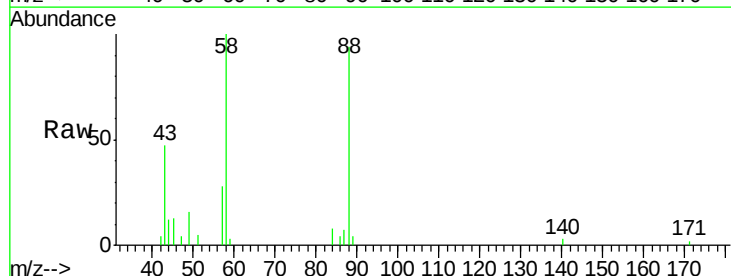
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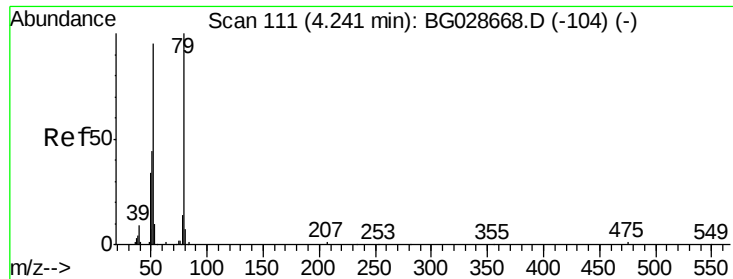


#2

1,4-Dioxane
Concen: 15.628 ng
RT: 3.78 min Scan# 33
Delta R.T. -0.07 min
Lab File: BG028771.D
Acq: 15 Sep 2017 17:21

Tgt Ion	Ratio	Lower	Upper
88	100		
58	110.9	79.4	119.2
43	37.9	33.8	50.6





#3

Pyridine

Concen: 12.043 ng

RT: 4.18 min Scan# 101

Delta R.T. -0.06 min

Lab File: BG028771.D

Acq: 15 Sep 2017 17:21

Instrument :

BNA_G

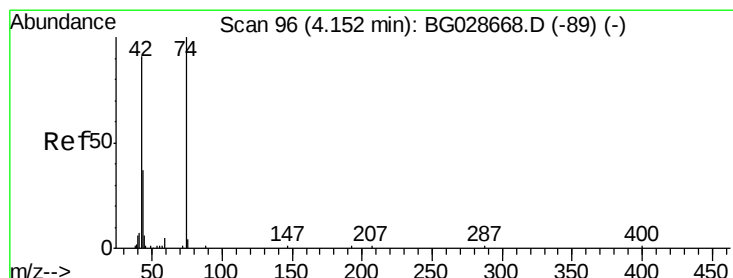
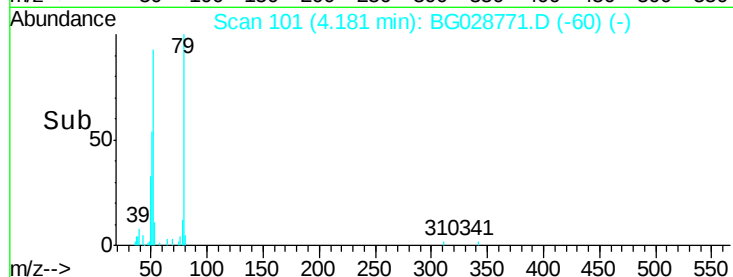
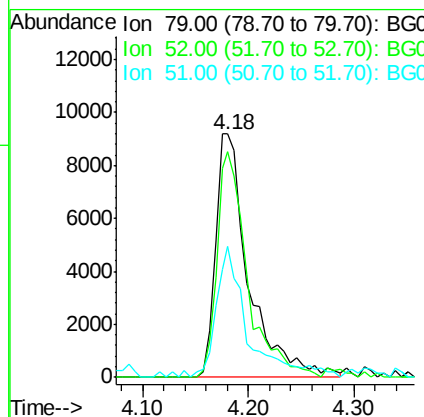
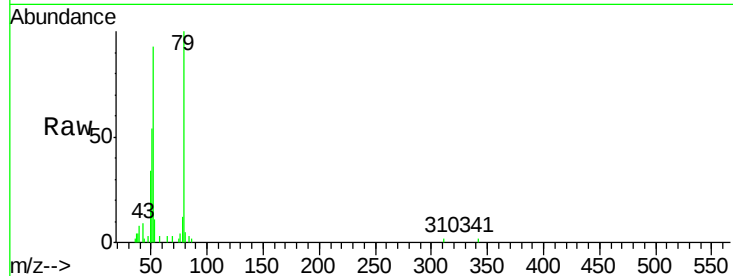
ClientSampleId :

C19013061MS

Tgt Ion:	79	Resp:	20073
Ion	Ratio	Lower	Upper
79	100		
52	92.6	77.8	116.6
51	53.7	43.2	64.8

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 15.828 ng m

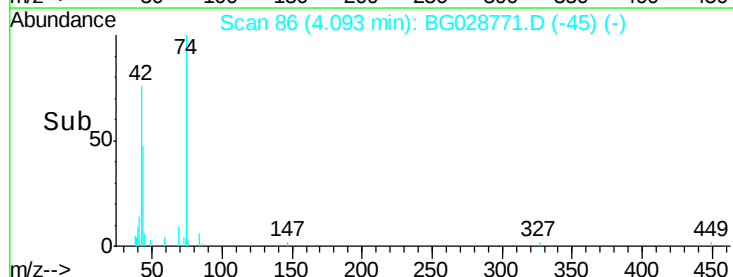
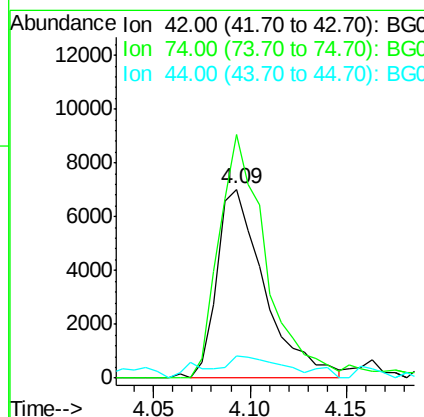
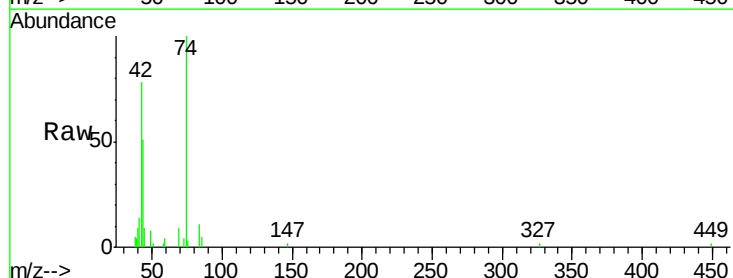
RT: 4.09 min Scan# 86

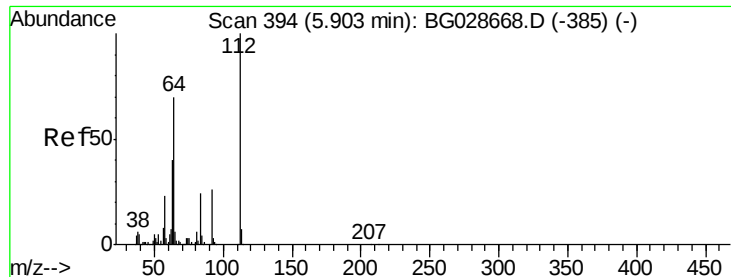
Delta R.T. -0.06 min

Lab File: BG028771.D

Acq: 15 Sep 2017 17:21

Tgt Ion:	42	Resp:	12001
Ion	Ratio	Lower	Upper
42	100		
74	128.7	76.7	115.1#
44	12.0	6.1	9.1#





#5

2-Fluorophenol

Concen: 68.897 ng

RT: 5.86 min Scan# 386

Delta R.T. -0.05 min

Lab File: BG028771.D

Acq: 15 Sep 2017 17:21

Instrument :

BNA_G

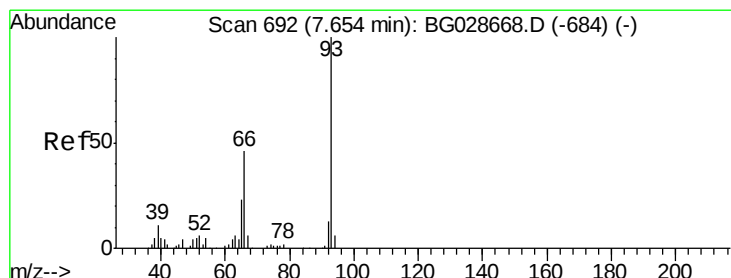
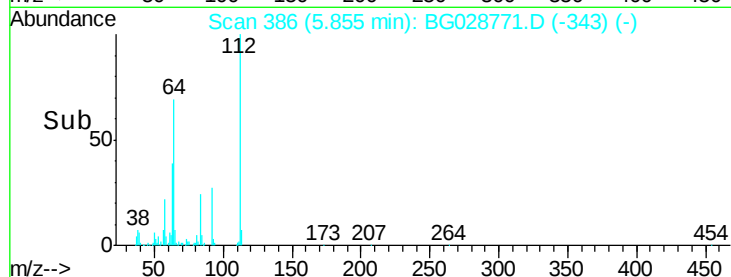
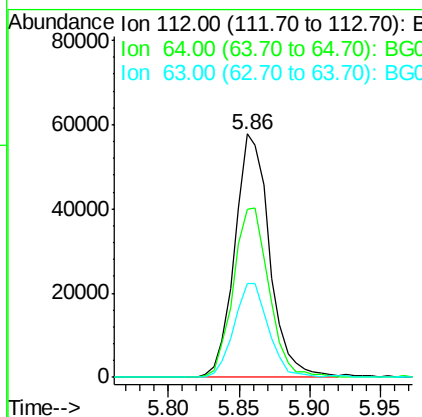
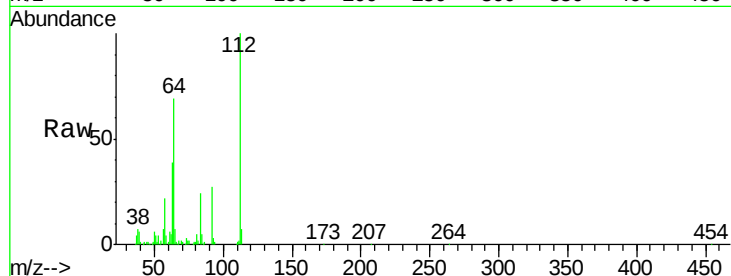
ClientSampleId :

C19013061MS

Tgt Ion:	112	Resp:	99414
Ion Ratio	Lower	Upper	
112	100		
64	69.2	61.8	92.6
63	38.7	37.2	55.8

Manual Integrations
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#6

Aniline

Concen: 24.171 ng

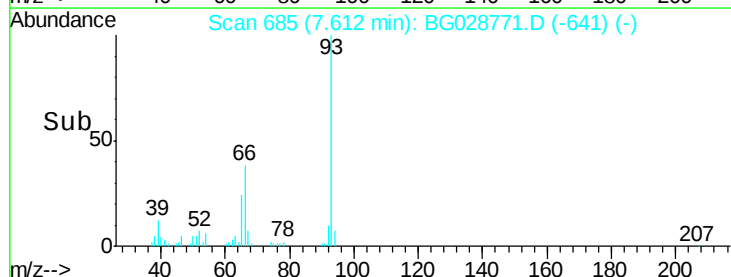
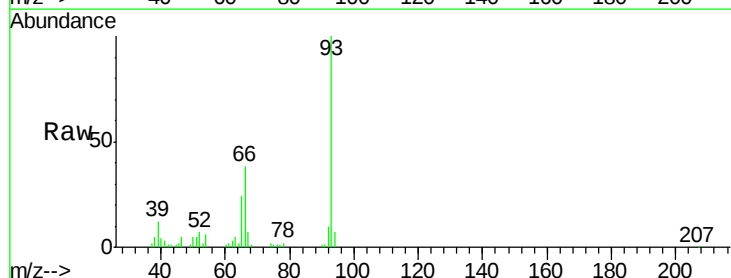
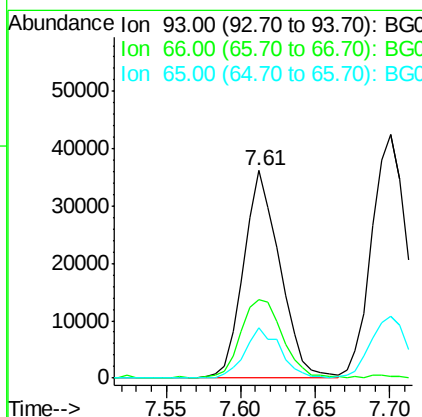
RT: 7.61 min Scan# 685

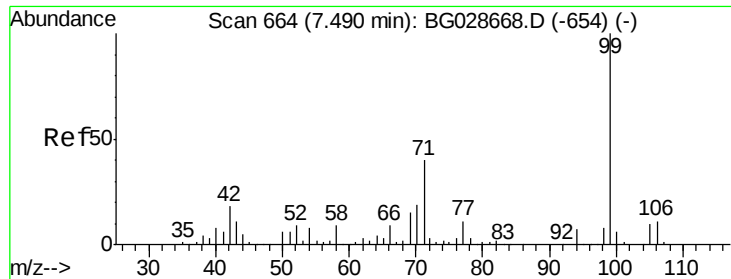
Delta R.T. -0.04 min

Lab File: BG028771.D

Acq: 15 Sep 2017 17:21

Tgt Ion:	93	Resp:	61114
Ion Ratio	Lower	Upper	
93	100		
66	38.0	35.4	53.2
65	24.3	21.2	31.8





#7

Phenol-d6

Concen: 41.856 ng

RT: 7.45 min Scan# 657

Delta R.T. -0.04 min

Lab File: BG028771.D

Acq: 15 Sep 2017 17:21

Instrument :

BNA_G

ClientSampleId :

C19013061MS

Tgt Ion: 99 Resp: 90933
Ion Ratio Lower Upper

99 100

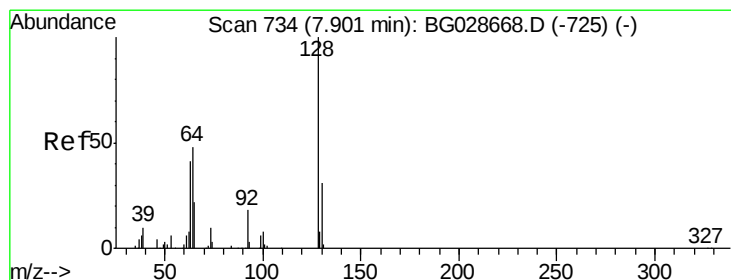
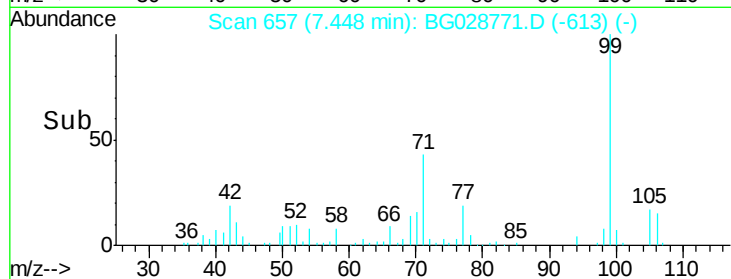
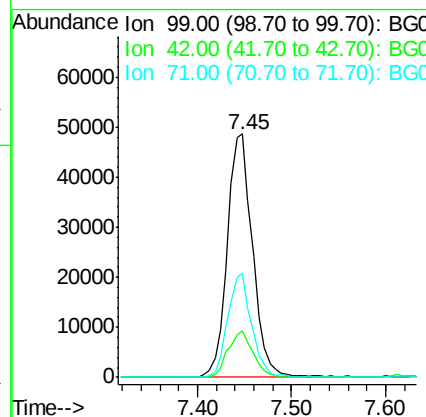
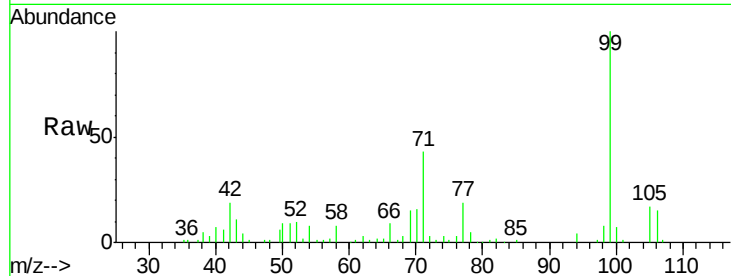
42 19.3 20.5 30.7#

71 42.8 37.6 56.4

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#8

2-Chlorophenol

Concen: 37.978 ng

RT: 7.86 min Scan# 727

Delta R.T. -0.04 min

Lab File: BG028771.D

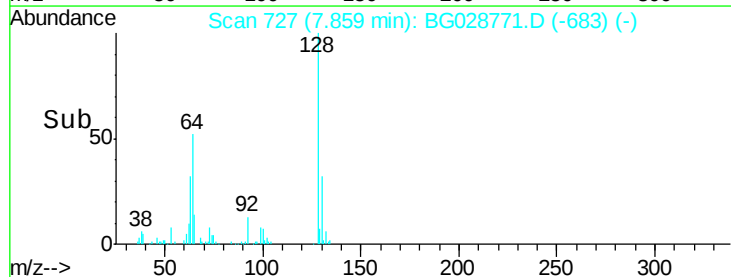
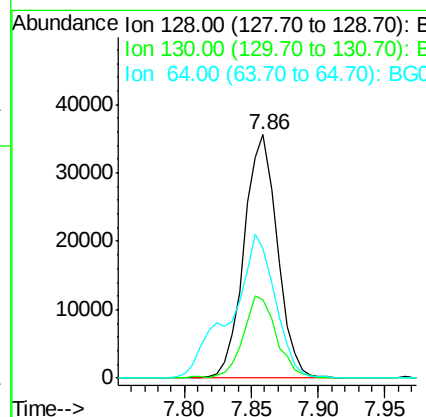
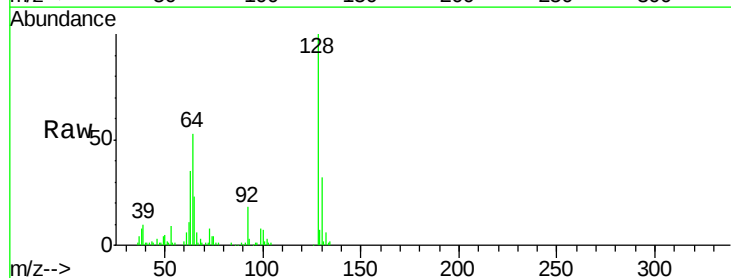
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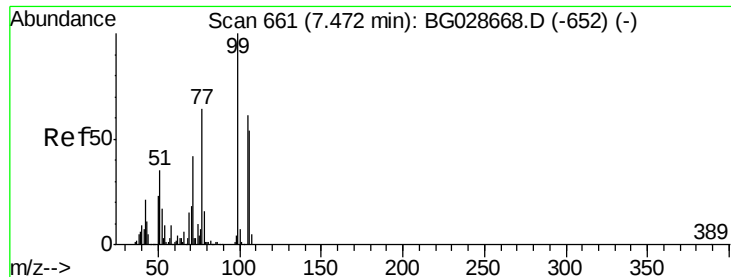
Tgt Ion: 128 Resp: 61089
Ion Ratio Lower Upper

128 100

130 32.2 11.4 51.4

64 53.2 46.6 86.6





#9

Benzaldehyde

Concen: 33.547 ng

RT: 7.43 min Scan# 654

Delta R.T. -0.04 min

Lab File: BG028771.D

Acq: 15 Sep 2017 17:21

Instrument :

BNA_G

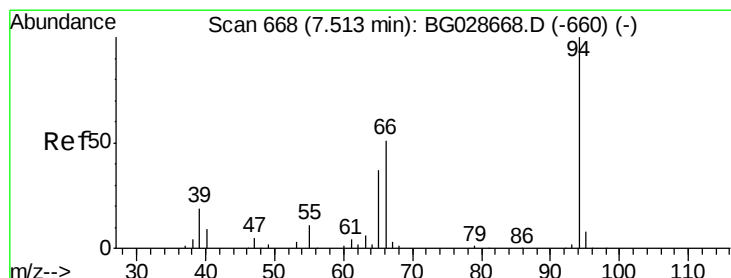
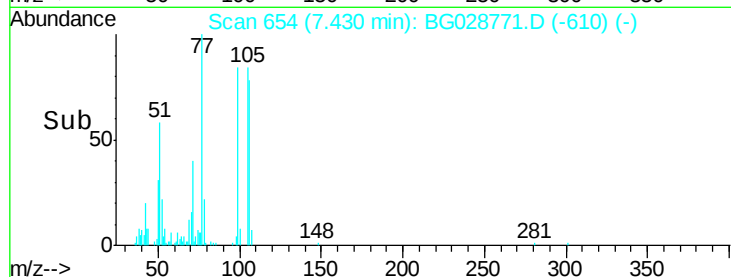
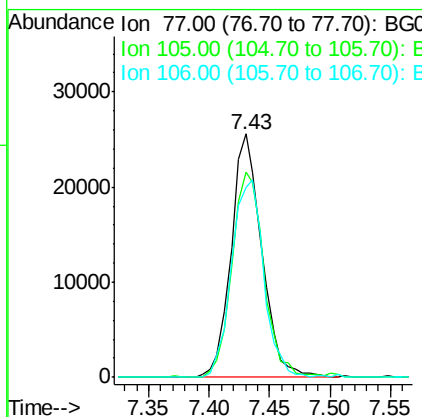
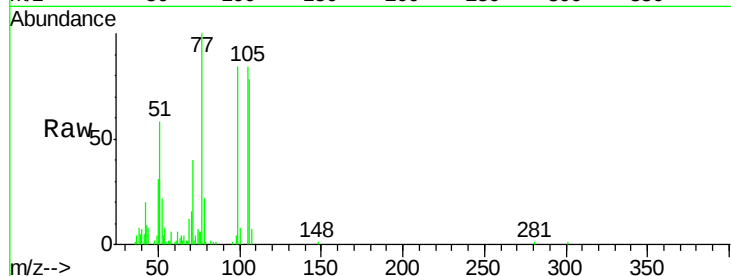
ClientSampleId :

C19013061MS

Tgt Ion:	77	Resp:	45216
Ion	Ratio	Lower	Upper
77	100		
105	84.2	60.9	100.9
106	77.7	55.1	95.1

Manual Integrations
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#10

Phenol

Concen: 14.861 ng

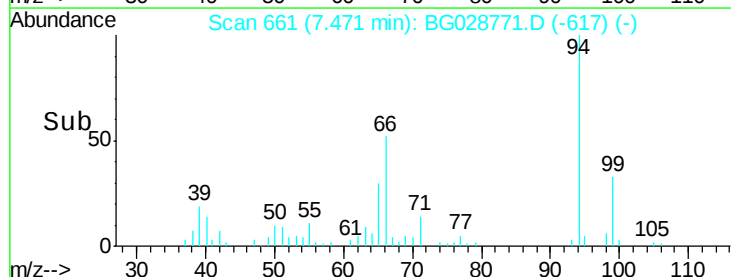
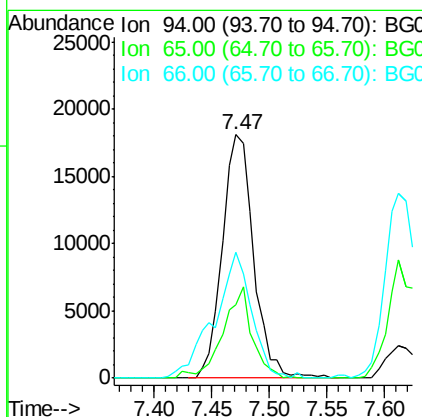
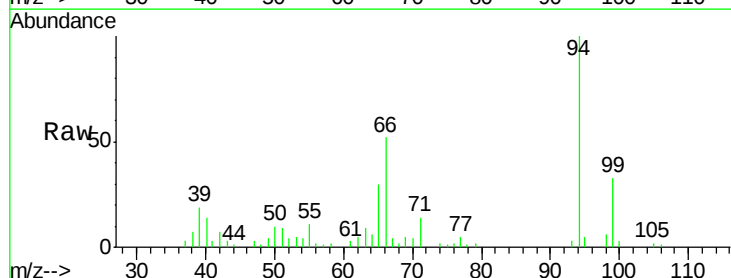
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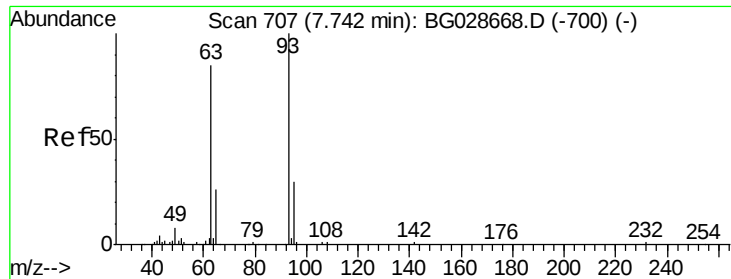
Delta R.T. -0.04 min

Lab File: BG028771.D

Acq: 15 Sep 2017 17:21

Tgt Ion:	94	Resp:	34072
Ion	Ratio	Lower	Upper
94	100		
65	30.3	20.6	60.6
66	51.7	35.5	75.5





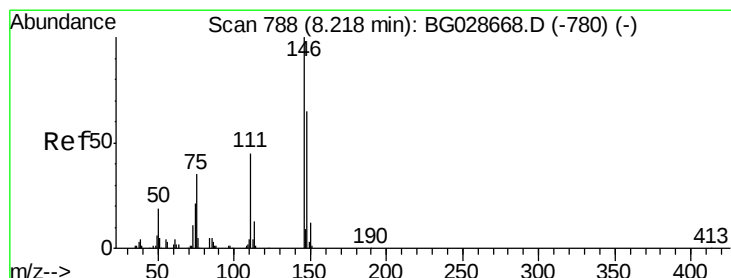
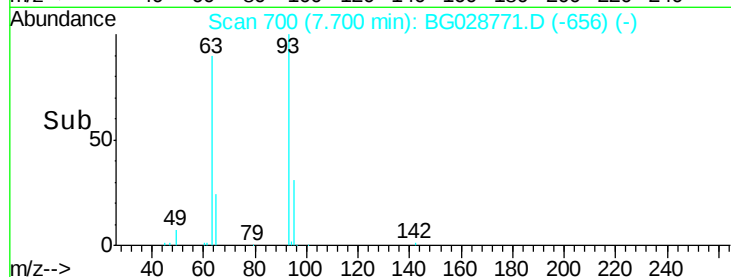
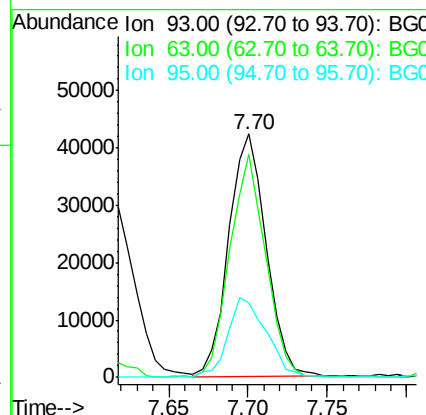
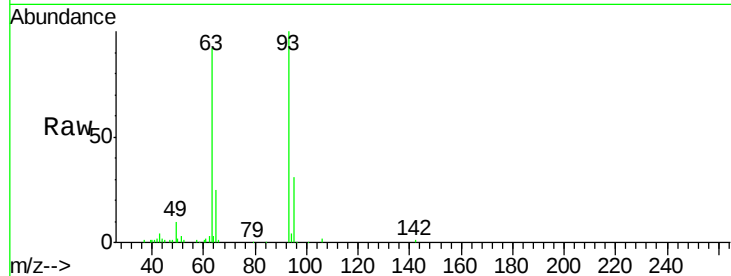
#11
bis(2-Chloroethyl)ether
Concen: 42.123 ng
RT: 7.70 min Scan# 700
Delta R.T. -0.04 min
Lab File: BG028771.D
Acq: 15 Sep 2017 17:21

Instrument :
BNA_G
ClientSampleId :
C19013061MS

Tgt Ion	Ratio	Lower	Upper
93	100		
63	91.9	78.5	118.5
95	30.8	9.8	49.8

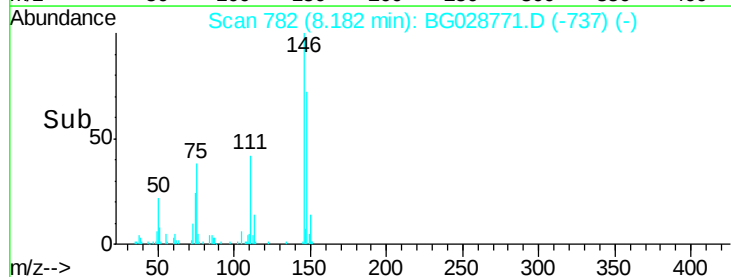
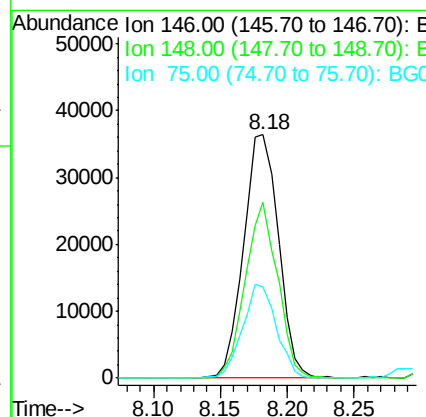
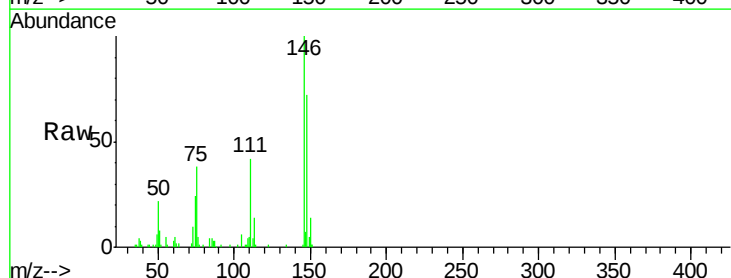
Manual Integrations
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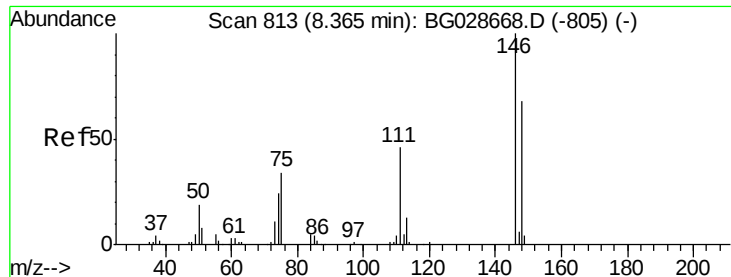
Sohil
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#12
1,3-Dichlorobenzene
Concen: 38.008 ng
RT: 8.18 min Scan# 782
Delta R.T. -0.04 min
Lab File: BG028771.D
Acq: 15 Sep 2017 17:21

Tgt Ion	Ratio	Lower	Upper
146	100		
148	72.4	49.2	73.8
75	37.6	33.4	50.2





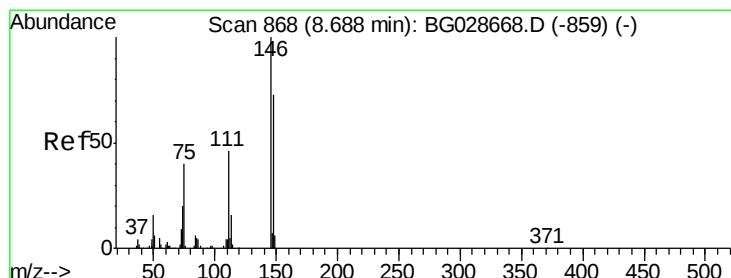
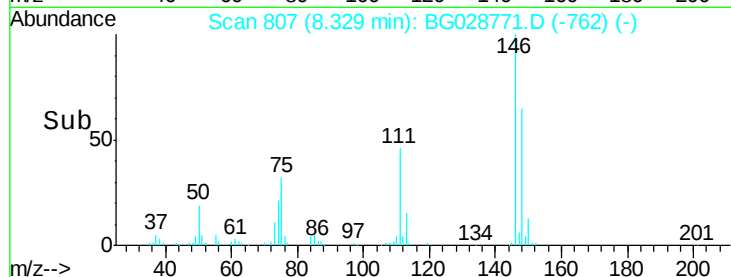
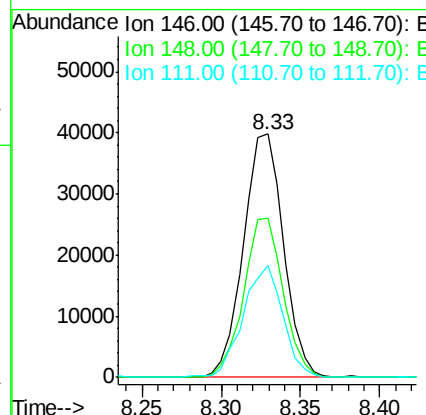
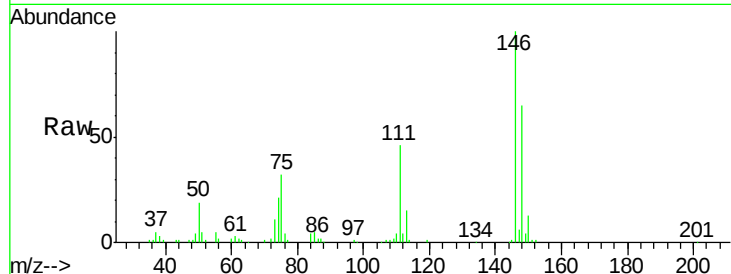
#13
1,4-Dichlorobenzene
Concen: 39.262 ng
RT: 8.33 min Scan# 807
Delta R.T. -0.04 min
Lab File: BG028771.D
Acq: 15 Sep 2017 17:21

Instrument :
BNA_G
ClientSampleId :
C19013061MS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	52.2	78.2
111	45.7	37.0	55.6

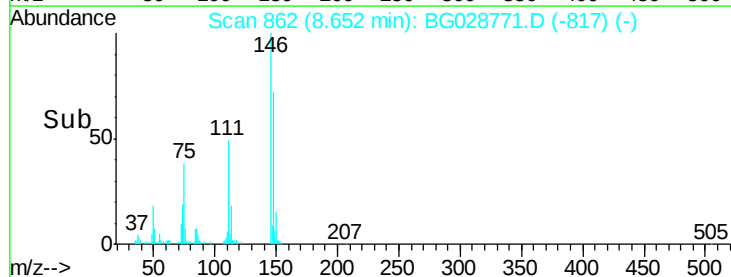
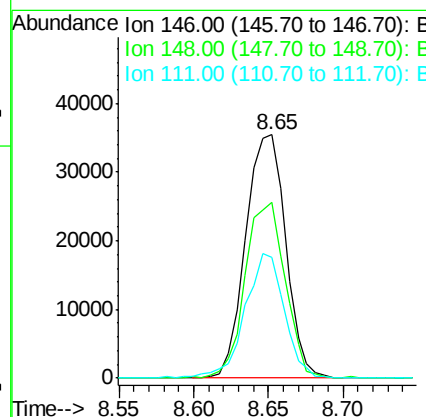
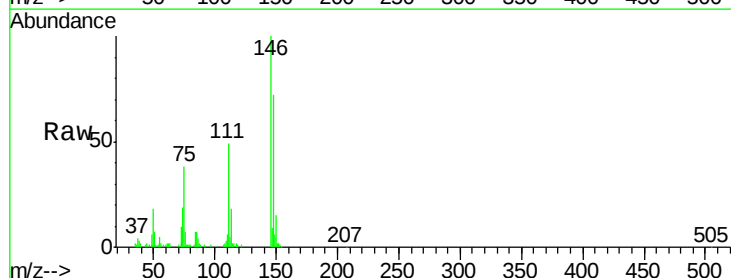
Manual Integrations
APPROVED

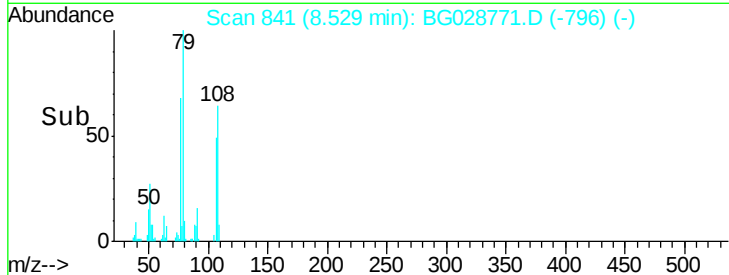
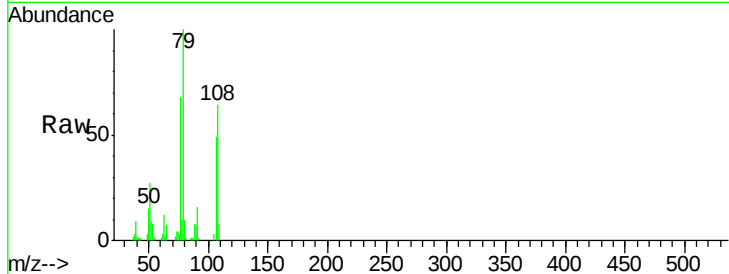
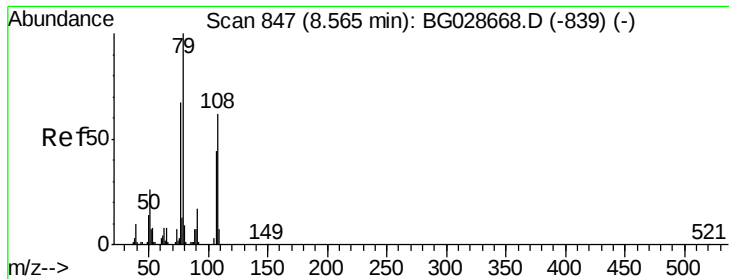
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#14
1,2-Dichlorobenzene
Concen: 37.321 ng
RT: 8.65 min Scan# 862
Delta R.T. -0.04 min
Lab File: BG028771.D
Acq: 15 Sep 2017 17:21

Tgt Ion	Ratio	Lower	Upper
146	100		
148	72.1	54.6	81.8
111	49.4	39.7	59.5





#15

Benzyl Alcohol

Concen: 29.774 ng

RT: 8.53 min Scan# 841

Delta R.T. -0.04 min

Lab File: BG028771.D

Acq: 15 Sep 2017 17:21

Tgt Ion:	79	Resp:	50495
Ion Ratio	Lower	Upper	
79	100		
108	64.2	45.5	68.3
77	67.9	54.3	81.5

Instrument :

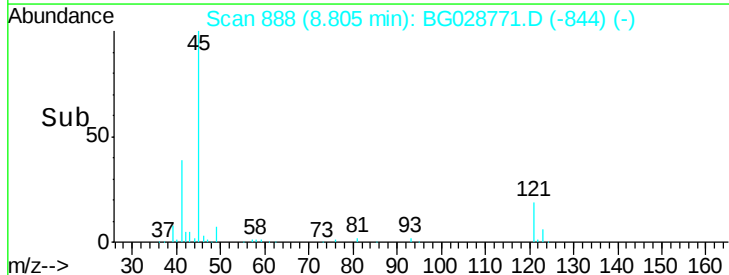
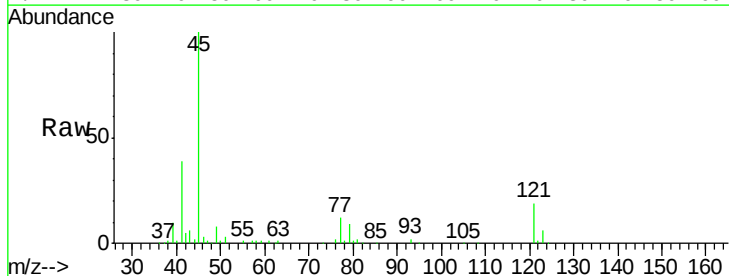
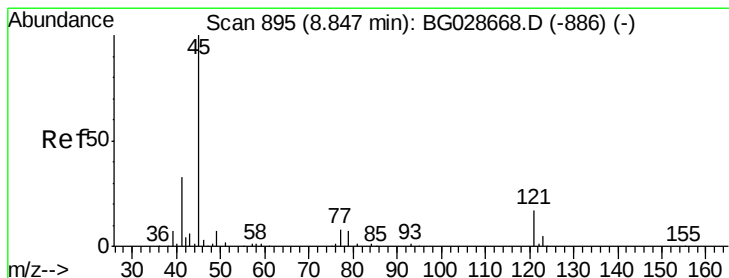
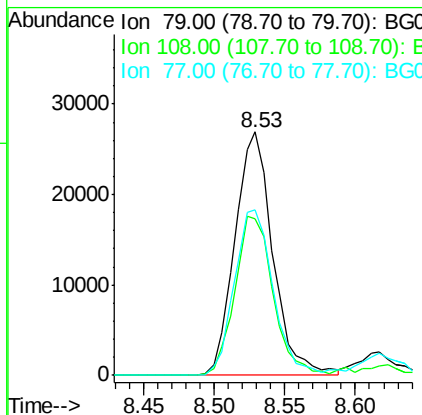
BNA_G

ClientSampleId :

C19013061MS

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.066 ng

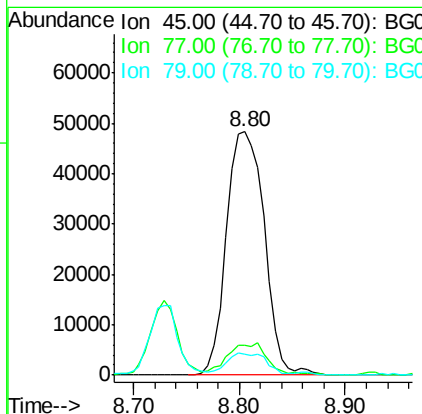
RT: 8.80 min Scan# 888

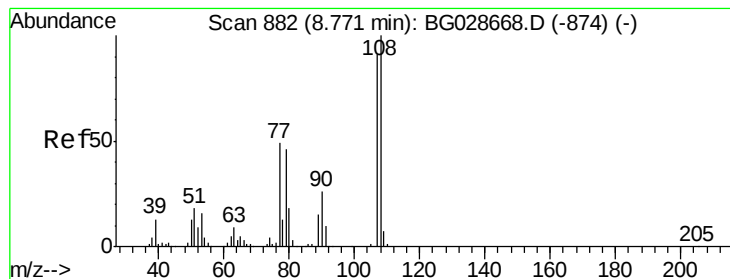
Delta R.T. -0.04 min

Lab File: BG028771.D

Acq: 15 Sep 2017 17:21

Tgt Ion:	45	Resp:	119866
Ion Ratio	Lower	Upper	
45	100		
77	12.0	0.0	30.6
79	8.8	0.0	28.5





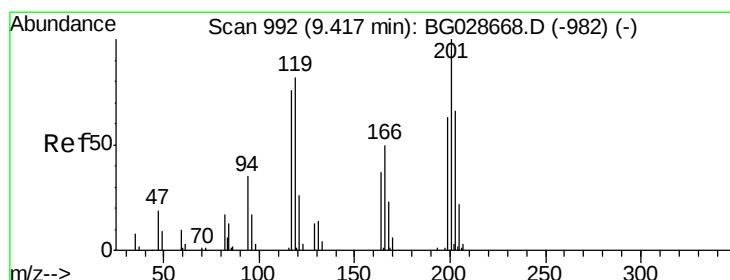
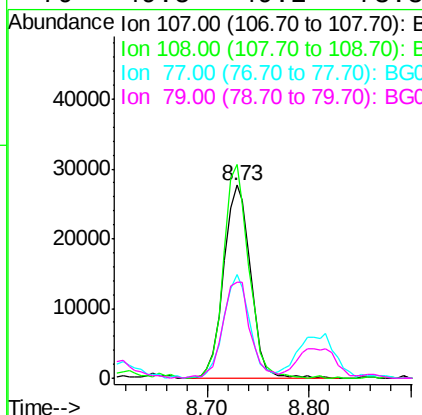
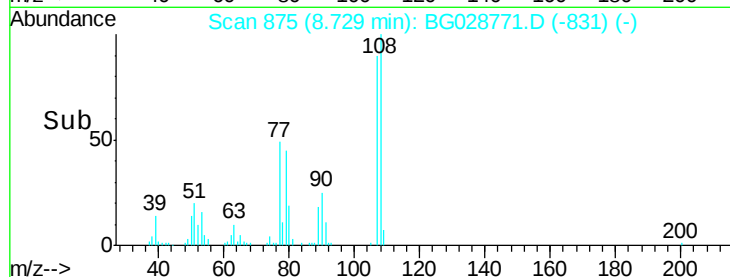
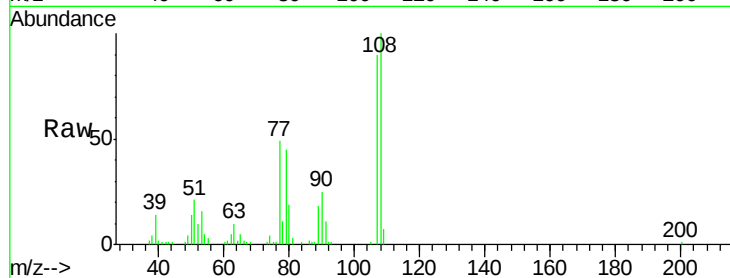
#17
2-Methylphenol
Concen: 33.909 ng
RT: 8.73 min Scan# 875
Delta R.T. -0.04 min
Lab File: BG028771.D
Acq: 15 Sep 2017 17:21

Instrument :
BNA_G
ClientSampleId :
C19013061MS

Tgt Ion:	107	Resp:	50803
Ion Ratio	Lower	Upper	
107	100		
108	110.8	85.6	128.4
77	53.8	51.4	77.2
79	49.5	49.2	73.8

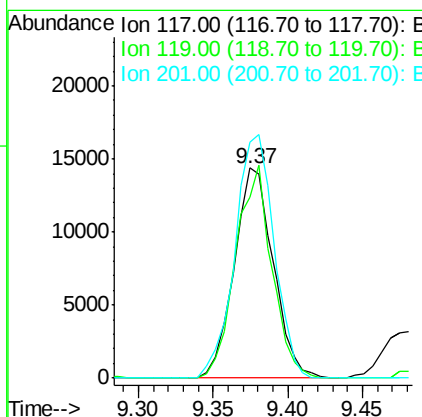
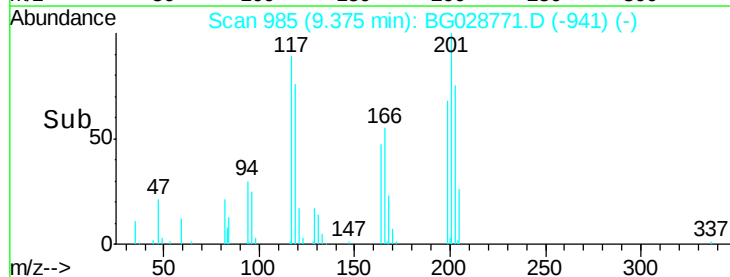
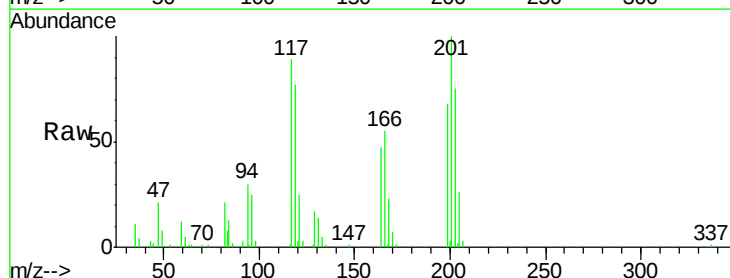
Manual Integrations
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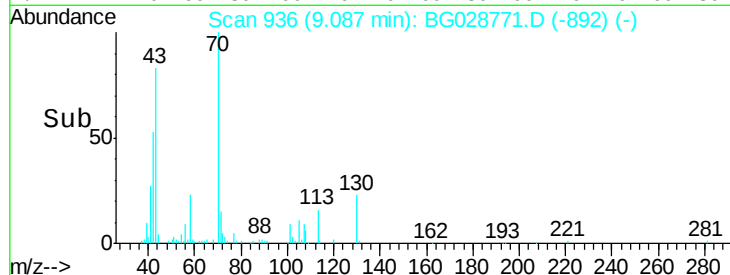
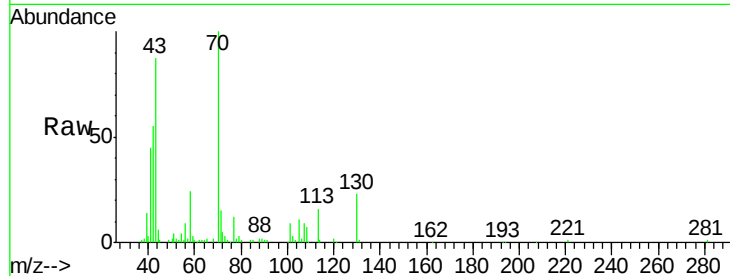
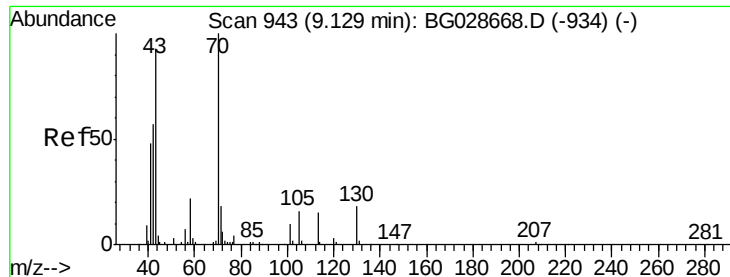
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#18
Hexachloroethane
Concen: 40.021 ng
RT: 9.37 min Scan# 985
Delta R.T. -0.04 min
Lab File: BG028771.D
Acq: 15 Sep 2017 17:21

Tgt Ion:	117	Resp:	26125
Ion Ratio	Lower	Upper	
117	100		
119	86.5	69.8	104.6
201	112.4	95.4	143.0





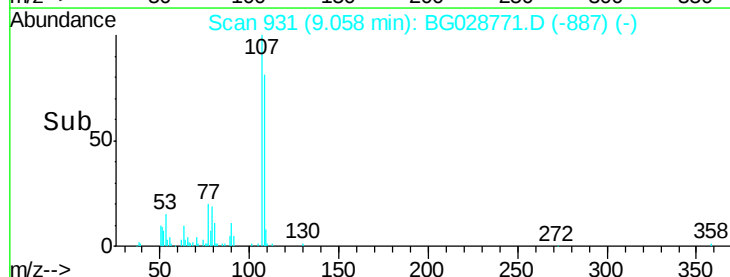
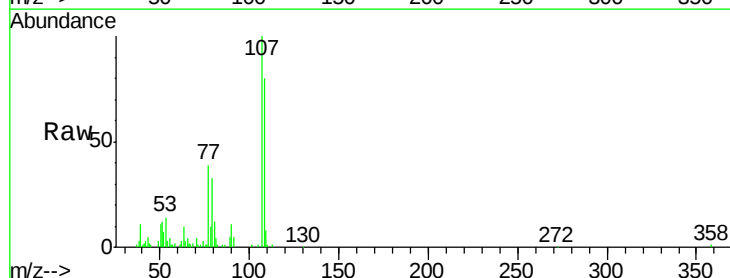
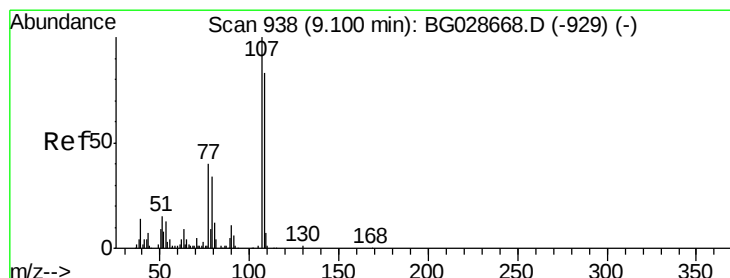
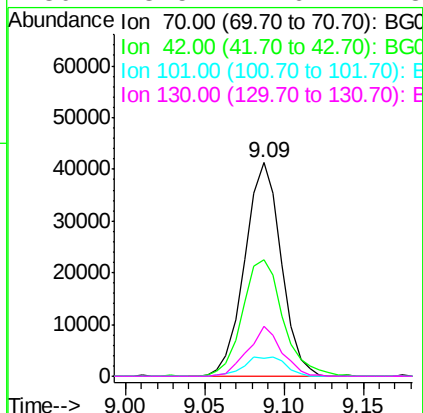
#19
n-Nitroso-di-n-propylamine
Concen: 42.885 ng
RT: 9.09 min Scan# 936
Delta R.T. -0.04 min
Lab File: BG028771.D
Acq: 15 Sep 2017 17:21

Instrument :
BNA_G
ClientSampleId :
C19013061MS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	54.8	56.1	84.1#
101	8.6	7.5	11.3
130	23.5	14.6	21.8#

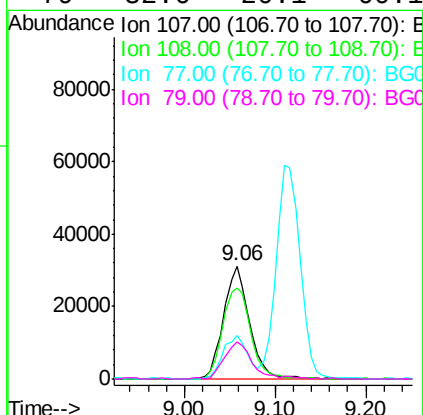
Manual Integrations
APPROVED

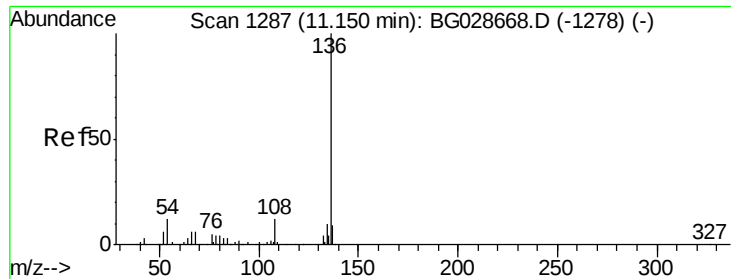
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#20
3+4-Methylphenols
Concen: 29.568 ng
RT: 9.06 min Scan# 931
Delta R.T. -0.04 min
Lab File: BG028771.D
Acq: 15 Sep 2017 17:21

Tgt Ion	Ratio	Lower	Upper
107	100		
108	80.3	70.8	110.8
77	38.9	25.8	65.8
79	32.6	20.1	60.1





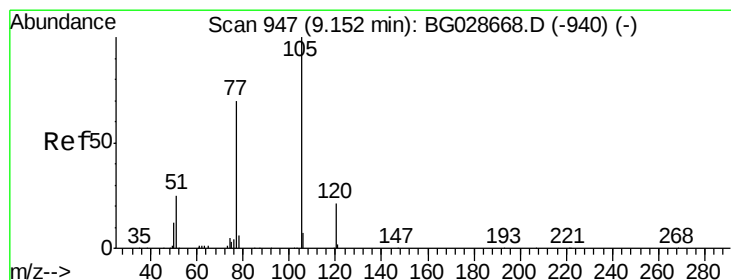
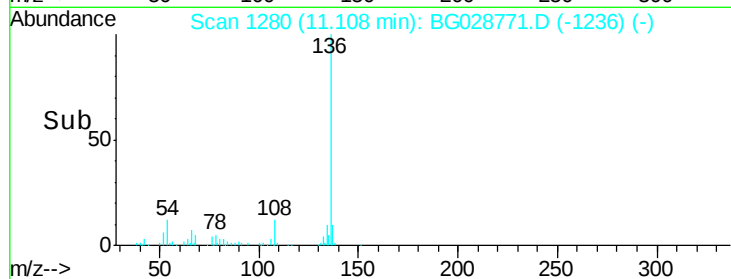
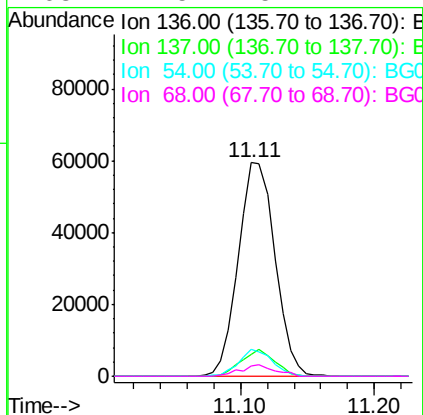
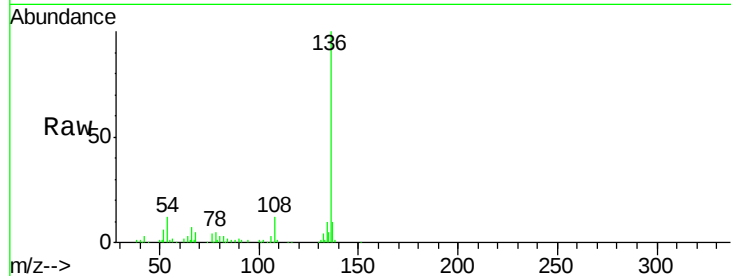
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.11 min Scan# 1280
Delta R.T. -0.04 min
Lab File: BG028771.D
Acq: 15 Sep 2017 17:21

Instrument :
BNA_G
ClientSampleId :
C19013061MS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	113323		
137	10.4	8.9	13.3	
54	12.4	9.3	13.9	
68	4.5	5.1	7.7#	

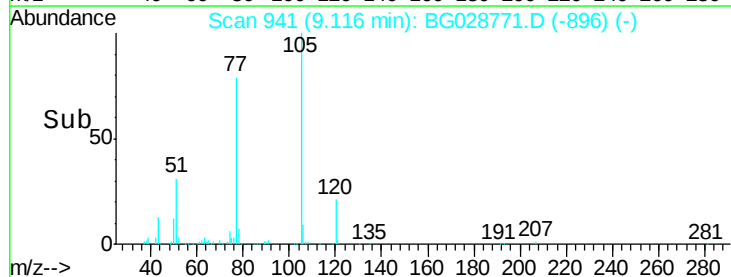
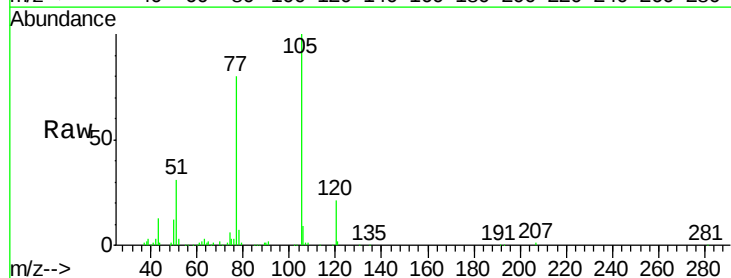
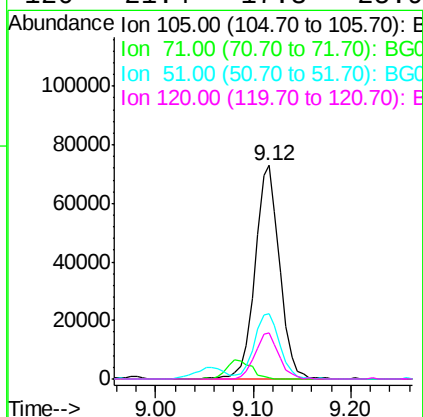
Manual Integrations
APPROVED

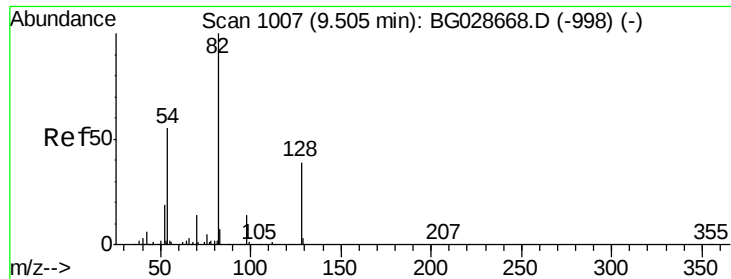
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#22
Acetophenone
Concen: 38.866 ng
RT: 9.12 min Scan# 941
Delta R.T. -0.04 min
Lab File: BG028771.D
Acq: 15 Sep 2017 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	128783		
71	0.4	0.9	1.3#	
51	30.6	34.0	51.0#	
120	21.4	17.3	25.9	





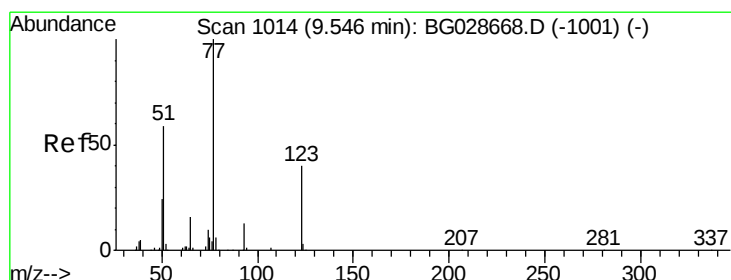
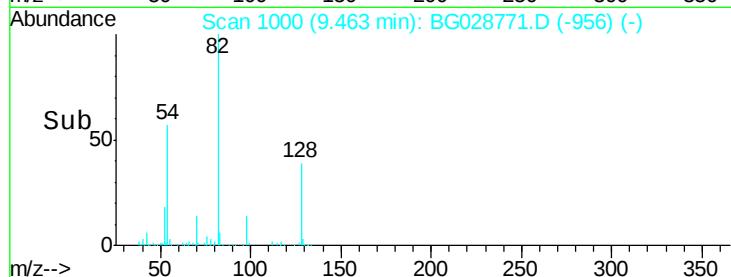
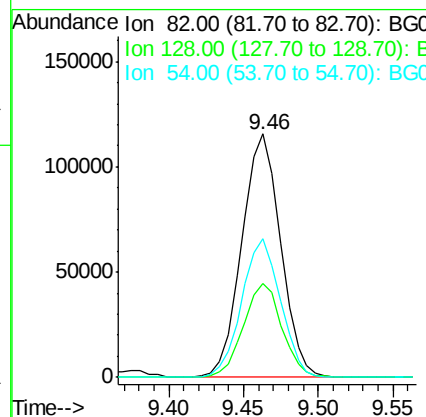
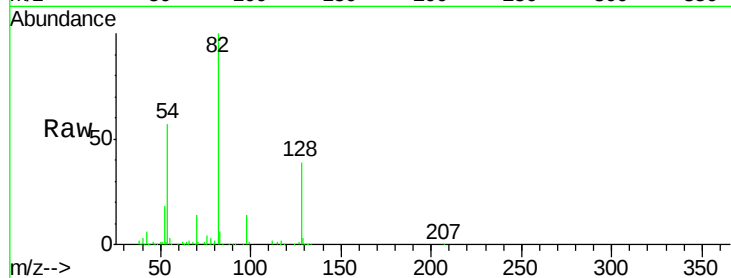
#23
 Nitrobenzene-d5
 Concen: 88.186 ng
 RT: 9.46 min Scan# 1000
 Delta R.T. -0.04 min
 Lab File: BG028771.D
 Acq: 15 Sep 2017 17:21

Instrument :
 BNA_G
 ClientSampleId :
 C19013061MS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	208905		
128	38.7	26.4	39.6	
54	57.0	49.4	74.2	

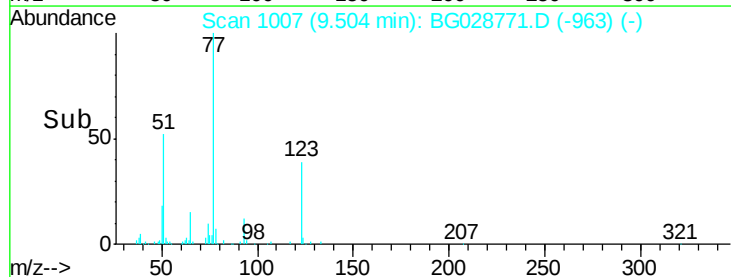
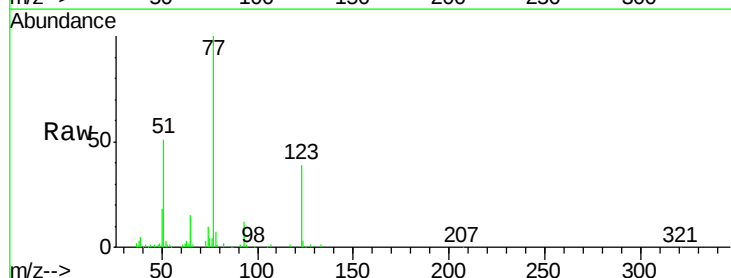
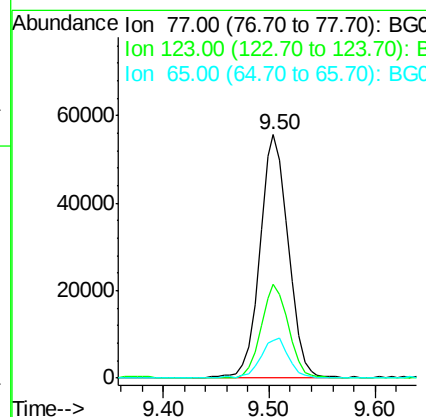
Manual Integrations
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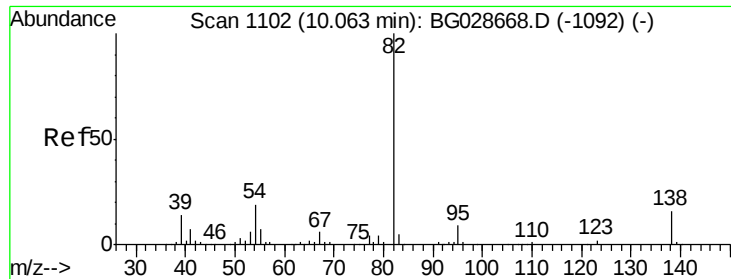
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#24
 Nitrobenzene
 Concen: 39.694 ng
 RT: 9.50 min Scan# 1007
 Delta R.T. -0.04 min
 Lab File: BG028771.D
 Acq: 15 Sep 2017 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	104125		
123	38.8	26.1	39.1	
65	15.3	12.4	18.6	





#25

Isophorone

Concen: 41.243 ng

RT: 10.02 min Scan# 1095

Delta R.T. -0.04 min

Lab File: BG028771.D

Acq: 15 Sep 2017 17:21

Instrument :

BNA_G

ClientSampleId :

C19013061MS

Tgt Ion: 82 Resp: 197690

Ion Ratio Lower Upper

82 100

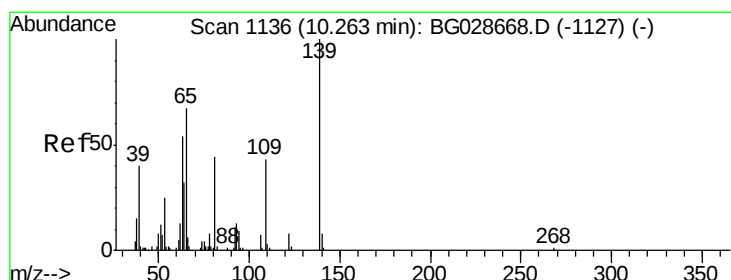
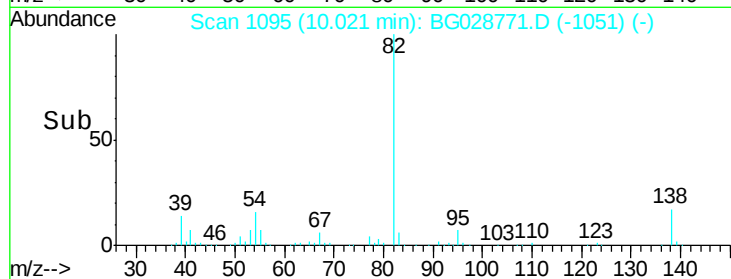
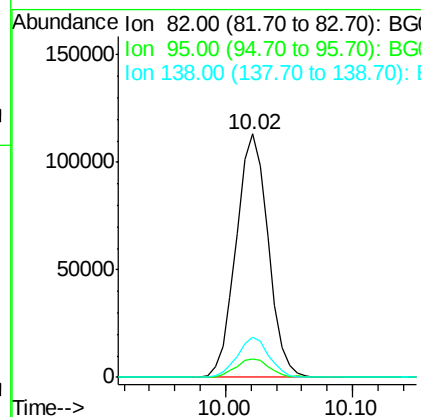
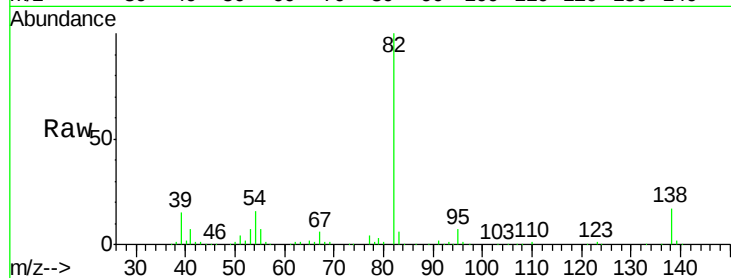
95 7.5 7.5 11.3#

138 16.6 12.3 18.5

Manual Integrations
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#26

2-Nitrophenol

Concen: 38.615 ng

RT: 10.22 min Scan# 1129

Delta R.T. -0.04 min

Lab File: BG028771.D

Acq: 15 Sep 2017 17:21

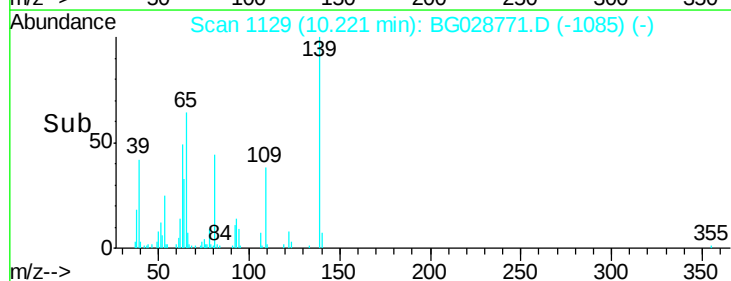
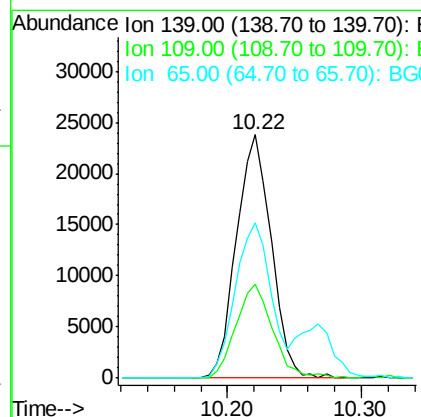
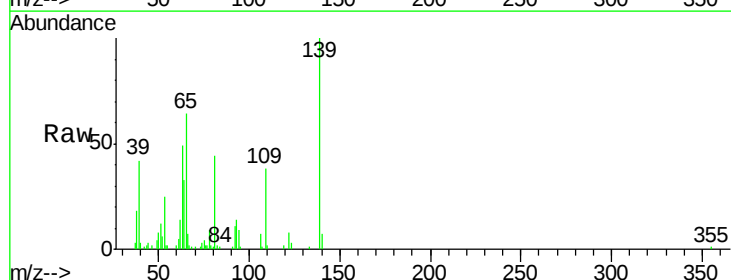
Tgt Ion: 139 Resp: 43110

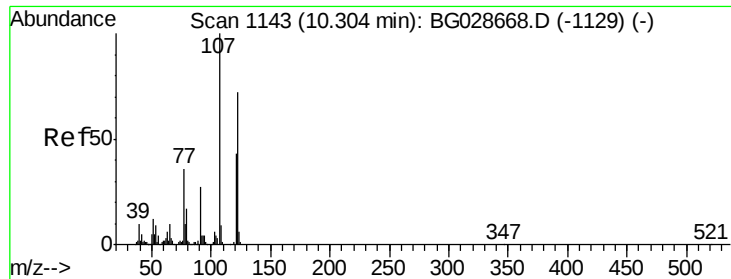
Ion Ratio Lower Upper

139 100

109 38.4 38.6 58.0#

65 63.6 57.1 85.7





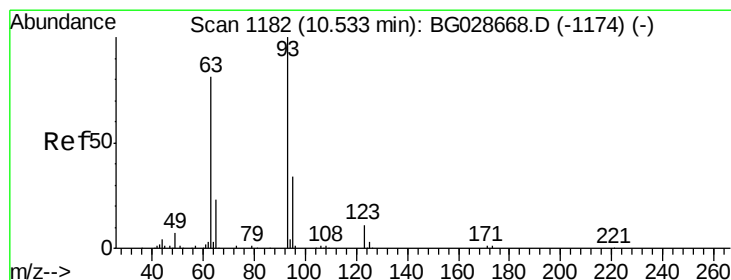
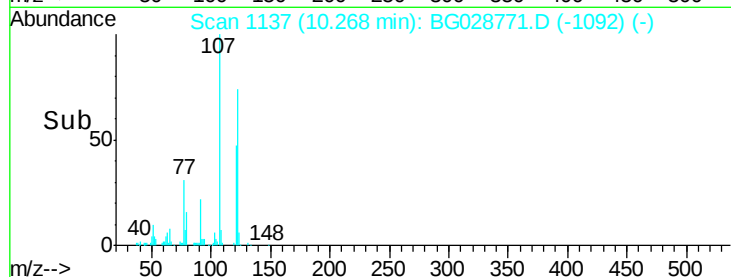
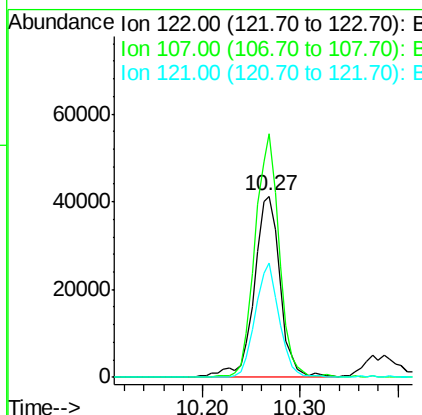
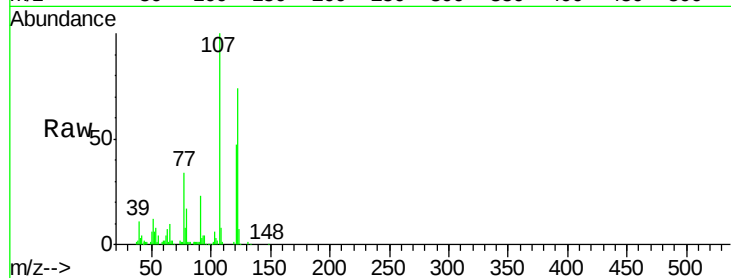
#27
 2,4-Dimethylphenol
 Concen: 37.716 ng
 RT: 10.27 min Scan# 1137
 Delta R.T. -0.04 min
 Lab File: BG028771.D
 Acq: 15 Sep 2017 17:21

Instrument :
 BNA_G
 ClientSampleId :
 C19013061MS

Tgt Ion	Ratio	Lower	Upper
122	100		
107	134.3	104.2	156.4
121	62.7	46.0	69.0

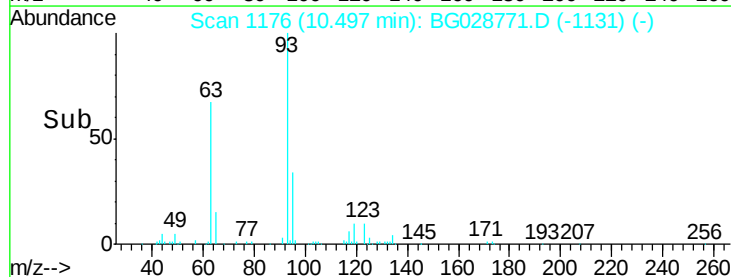
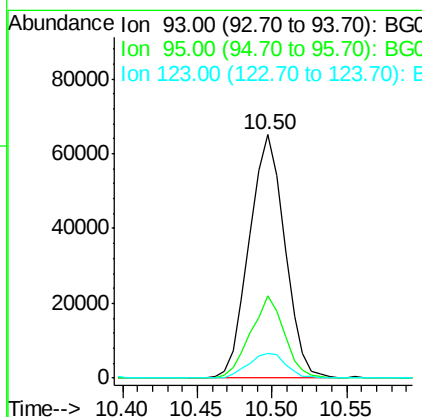
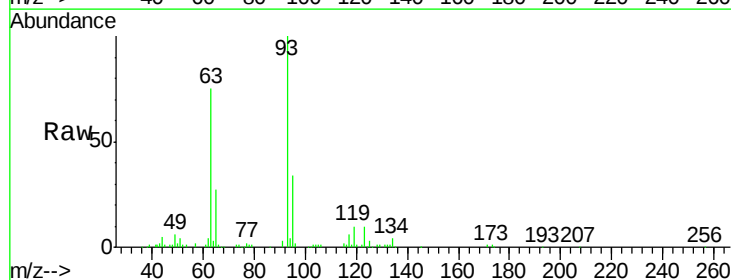
Manual Integrations
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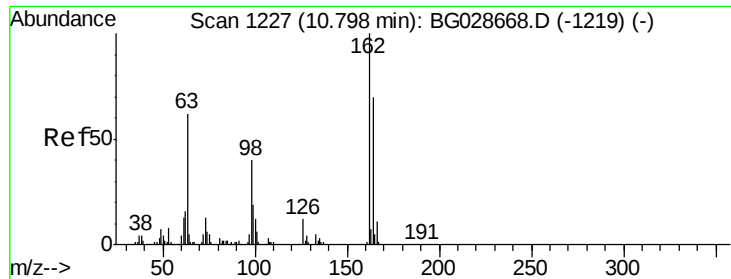
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#28
 bis(2-Chloroethoxy)methane
 Concen: 41.284 ng
 RT: 10.50 min Scan# 1176
 Delta R.T. -0.04 min
 Lab File: BG028771.D
 Acq: 15 Sep 2017 17:21

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.6	25.7	38.5
123	10.3	8.3	12.5





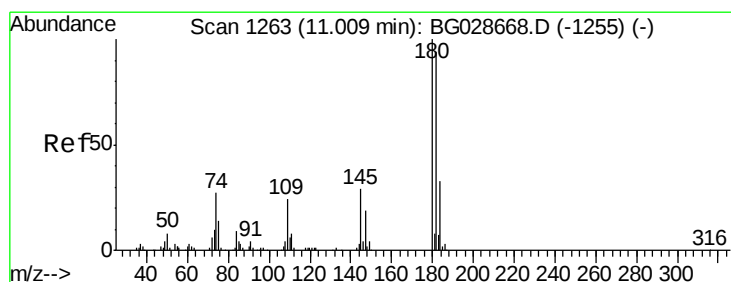
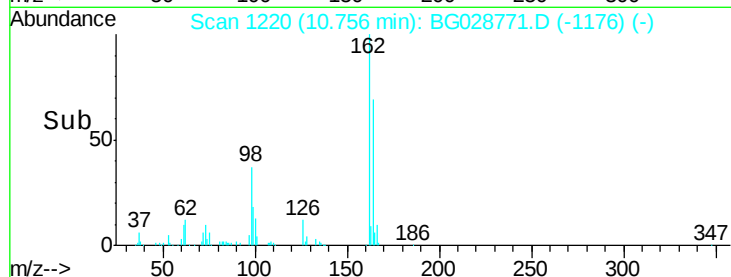
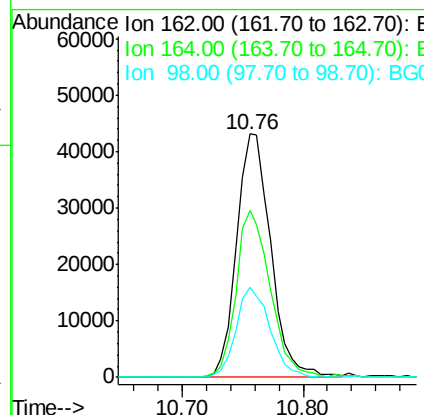
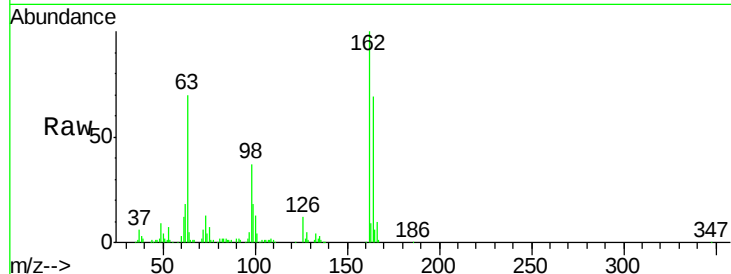
#29
2,4-Dichlorophenol
Concen: 41.983 ng
RT: 10.76 min Scan# 1220
Delta R.T. -0.04 min
Lab File: BG028771.D
Acq: 15 Sep 2017 17:21

Instrument :
BNA_G
ClientSampleId :
C19013061MS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	85244		
164	68.7	42.4	82.4	
98	36.8	20.3	60.3	

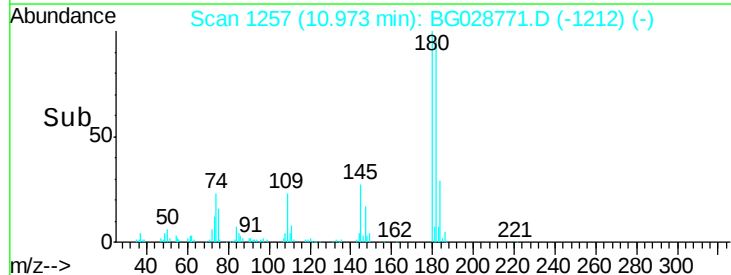
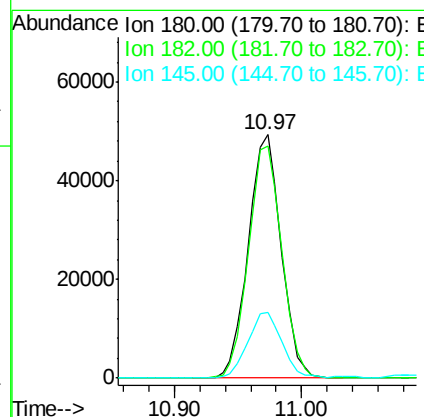
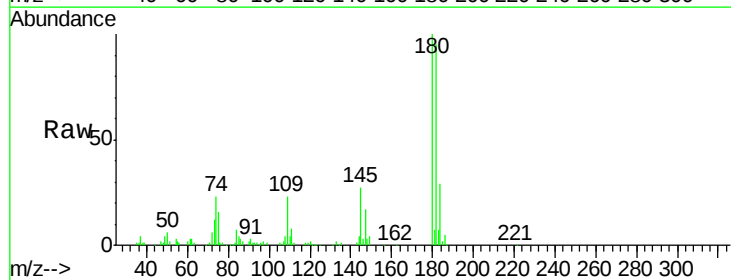
Manual Integrations
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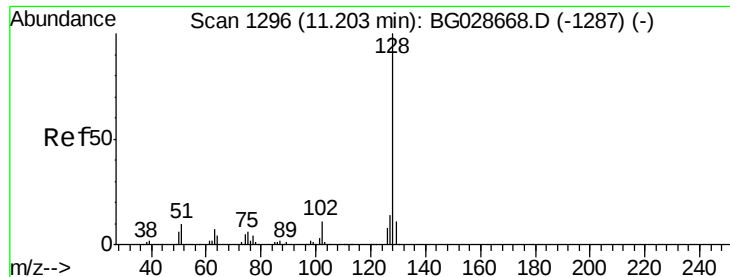
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#30
1,2,4-Trichlorobenzene
Concen: 38.412 ng
RT: 10.97 min Scan# 1257
Delta R.T. -0.04 min
Lab File: BG028771.D
Acq: 15 Sep 2017 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	88975		
182	95.3	77.0	115.4	
145	26.9	23.4	35.0	





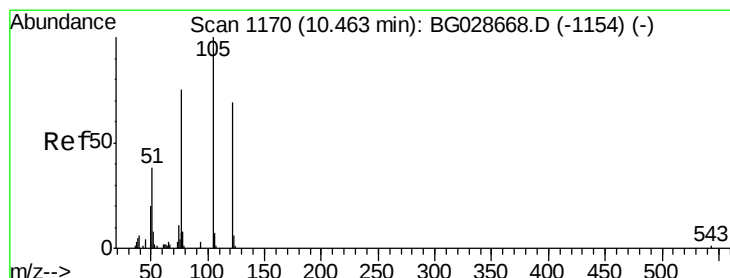
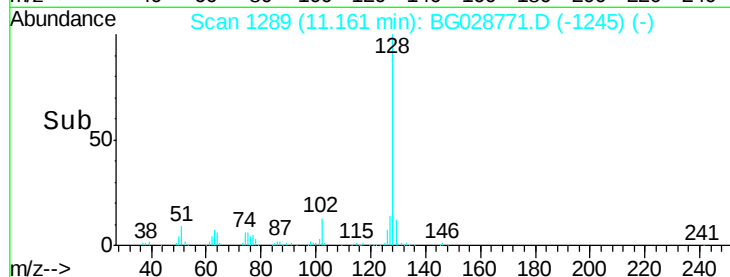
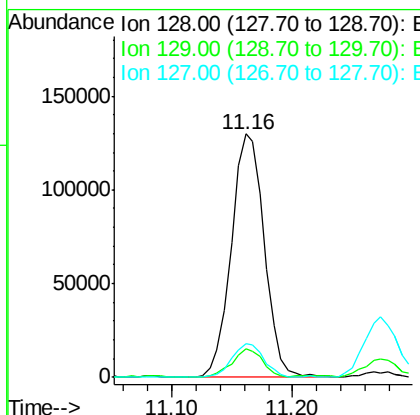
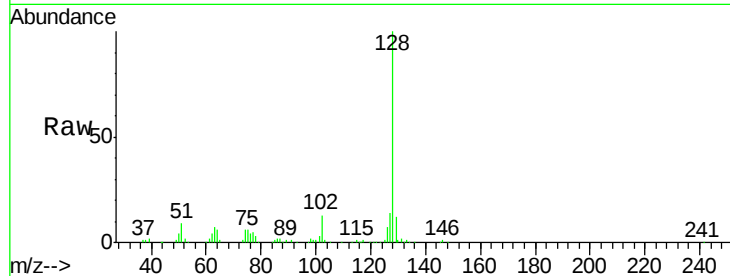
#31
Naphthalene
Concen: 41.674 ng
RT: 11.16 min Scan# 1289
Delta R.T. -0.04 min
Lab File: BG028771.D
Acq: 15 Sep 2017 17:21

Instrument :
BNA_G
ClientSampleId :
C19013061MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		
129	11.8	9.3	13.9
127	13.8	11.4	17.0

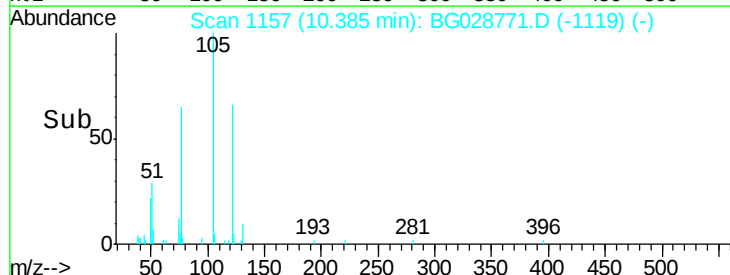
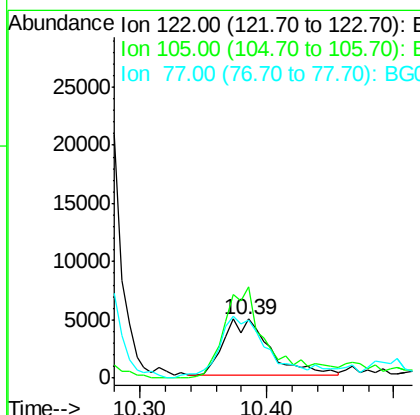
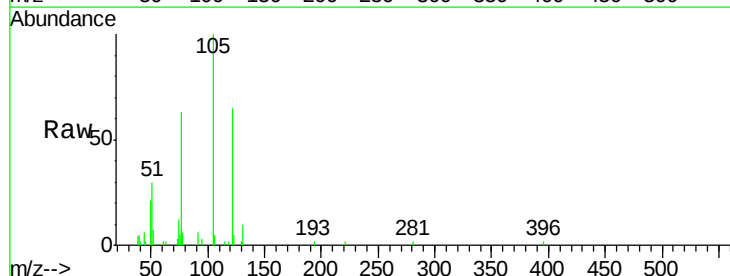
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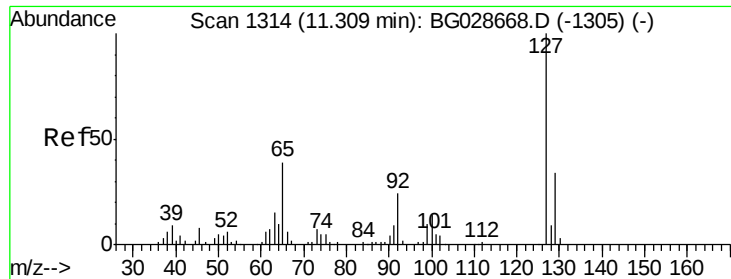
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#32
Benzoic acid
Concen: 13.562 ng
RT: 10.39 min Scan# 1157
Delta R.T. -0.08 min
Lab File: BG028771.D
Acq: 15 Sep 2017 17:21

Tgt Ion	Ratio	Resp Lower	Resp Upper
122	100		
105	154.0	120.1	160.1
77	97.4	104.6	144.6#





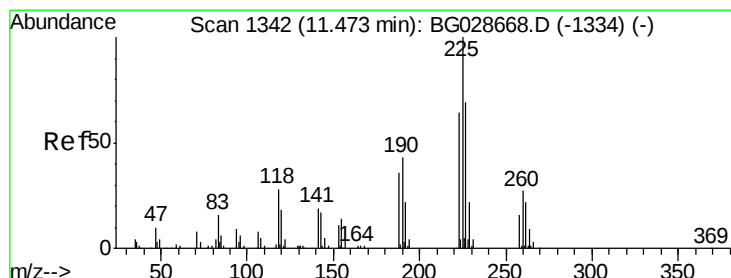
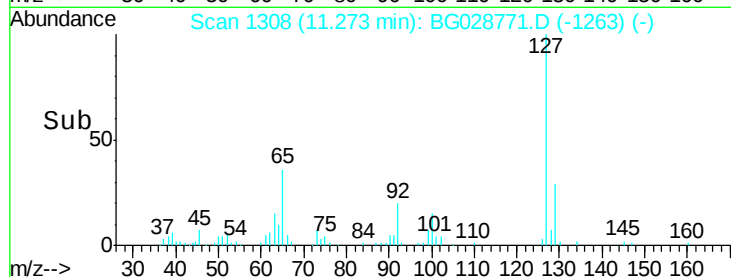
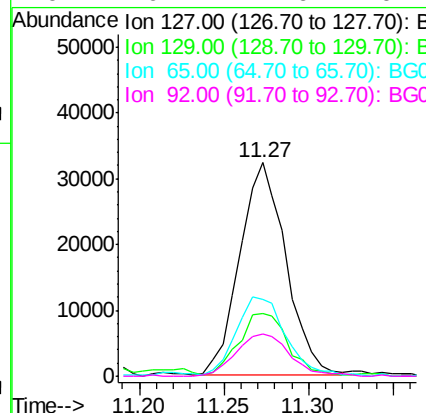
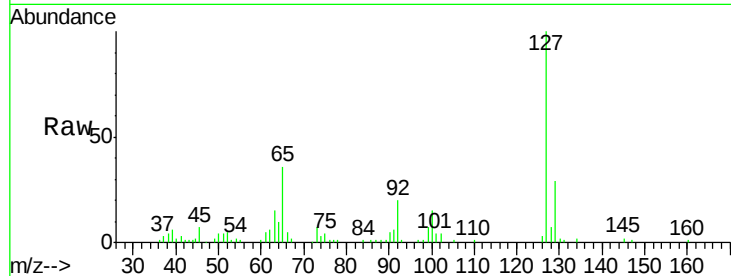
#33
4-Chloroaniline
Concen: 24.565 ng
RT: 11.27 min Scan# 1308
Delta R.T. -0.04 min
Lab File: BG028771.D
Acq: 15 Sep 2017 17:21

Instrument :
BNA_G
ClientSampleId :
C19013061MS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	60906		
129	29.5	23.6	35.4	
65	36.1	37.7	56.5	
92	20.1	17.6	26.4	

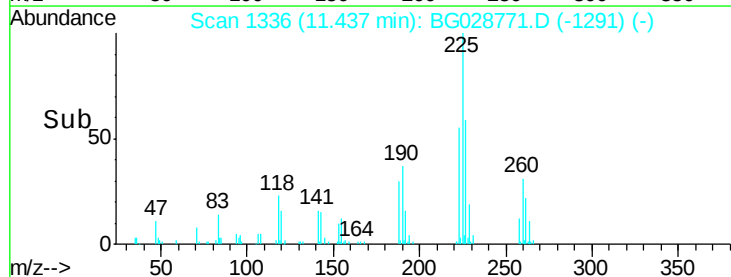
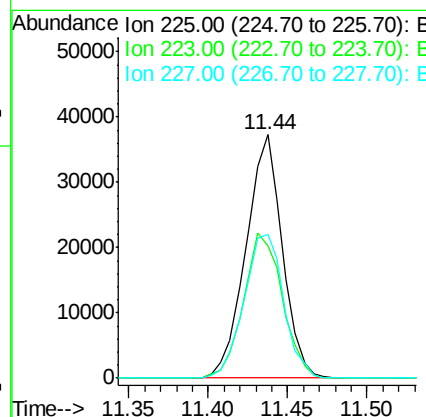
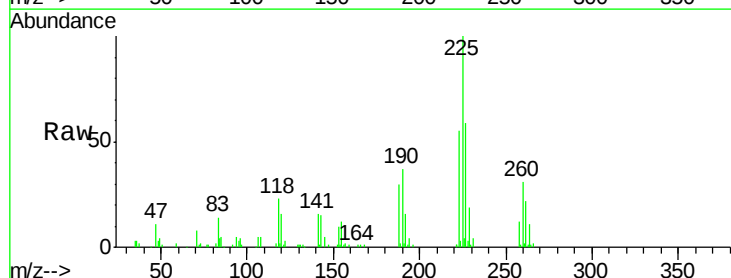
Manual Integrations
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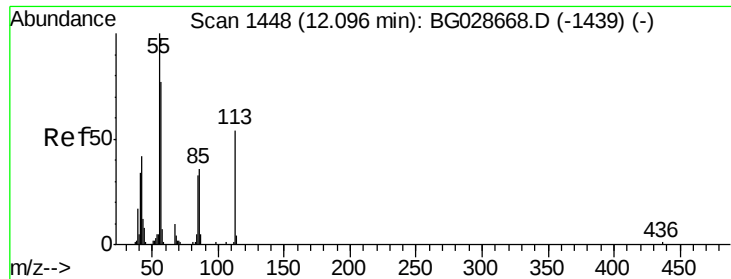
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#34
Hexachlorobutadiene
Concen: 34.722 ng
RT: 11.44 min Scan# 1336
Delta R.T. -0.04 min
Lab File: BG028771.D
Acq: 15 Sep 2017 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	59238		
223	54.6	50.7	76.1	
227	58.9	49.0	73.6	





#35

Caprolactam

Concen: 32.018 ng

RT: 12.06 min Scan# 1442

Delta R.T. -0.04 min

Lab File: BG028771.D

Acq: 15 Sep 2017 17:21

Instrument :

BNA_G

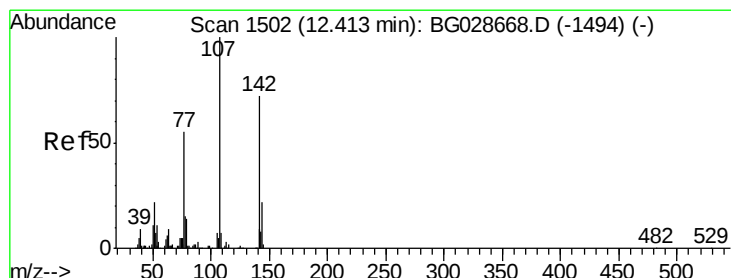
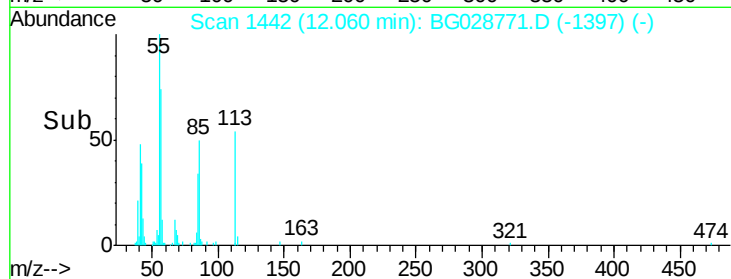
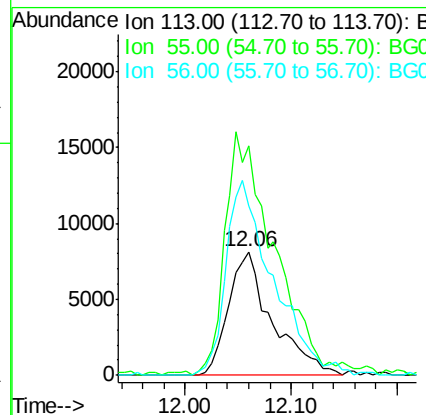
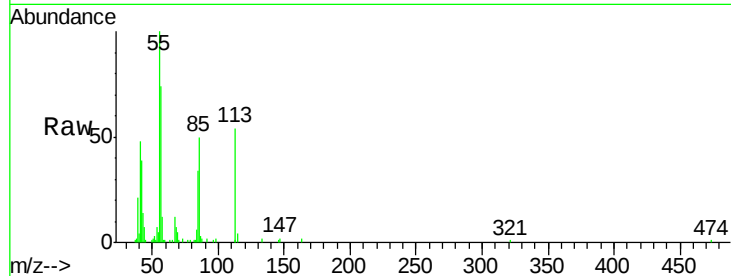
ClientSampleId :

C19013061MS

Tgt Ion	Ratio	Lower	Upper
113	100		
55	185.9	198.6	238.6#
56	137.1	140.4	180.4#

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#36

4-Chloro-3-methylphenol

Concen: 39.501 ng

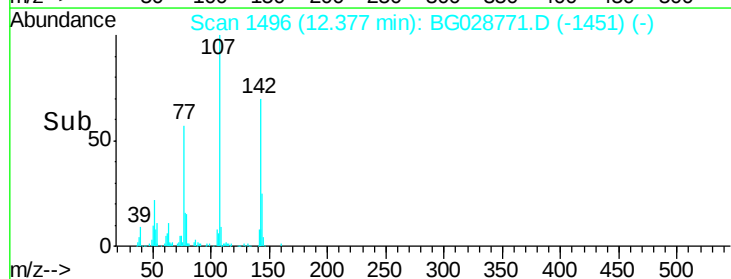
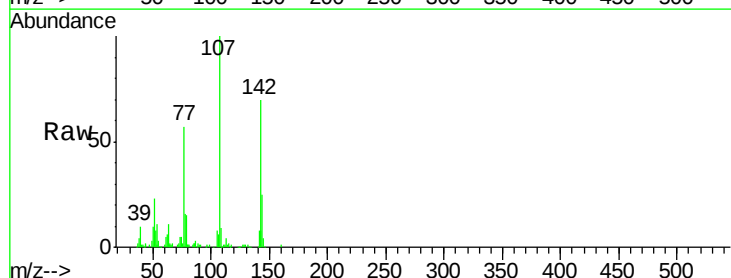
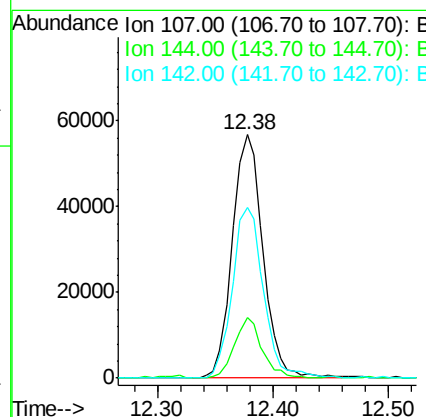
RT: 12.38 min Scan# 1496

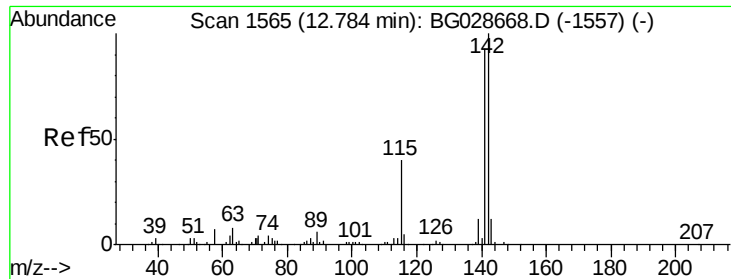
Delta R.T. -0.04 min

Lab File: BG028771.D

Acq: 15 Sep 2017 17:21

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.8	17.4	26.0
142	70.2	54.1	81.1





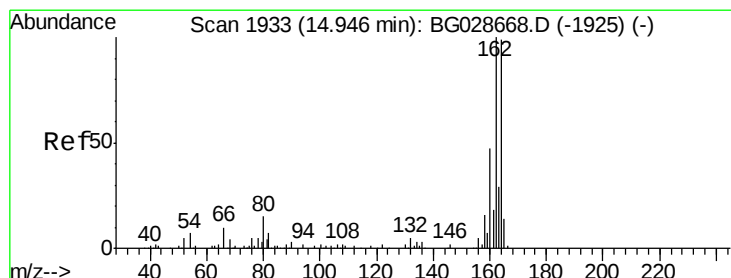
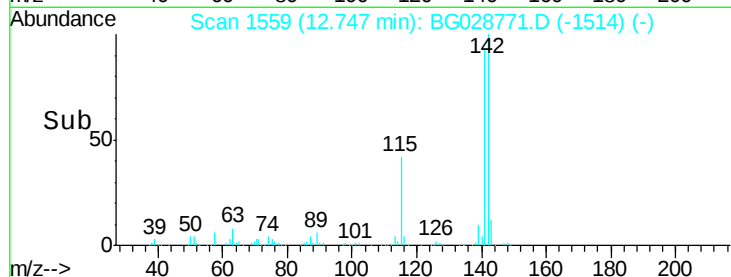
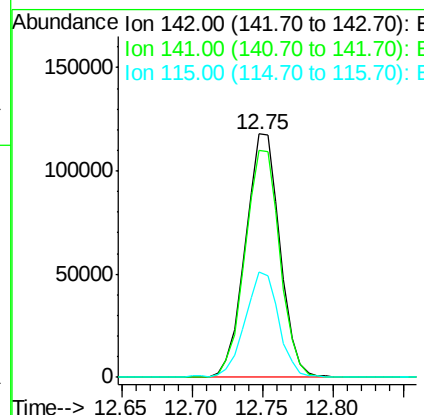
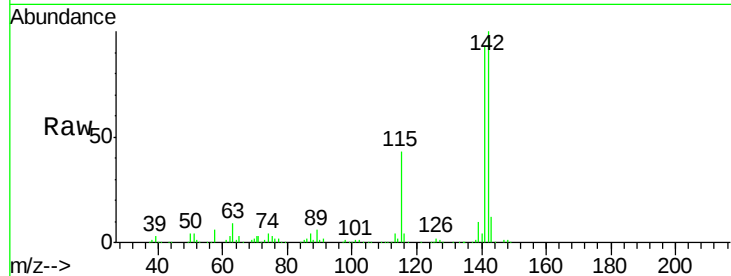
#37
2-Methylnaphthalene
Concen: 45.680 ng
RT: 12.75 min Scan# 1559
Delta R.T. -0.04 min
Lab File: BG028771.D
Acq: 15 Sep 2017 17:21

Instrument :
BNA_G
ClientSampleId :
C19013061MS

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	201856		
141	93.3	70.4	105.6	
115	43.0	35.5	53.3	

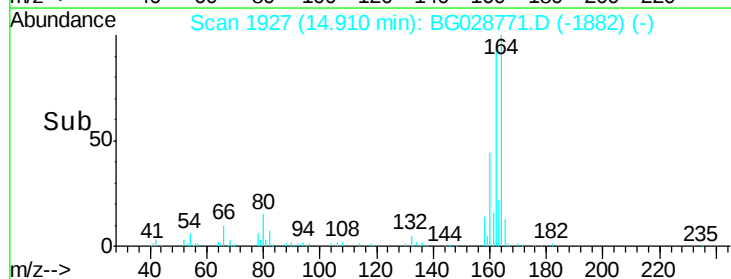
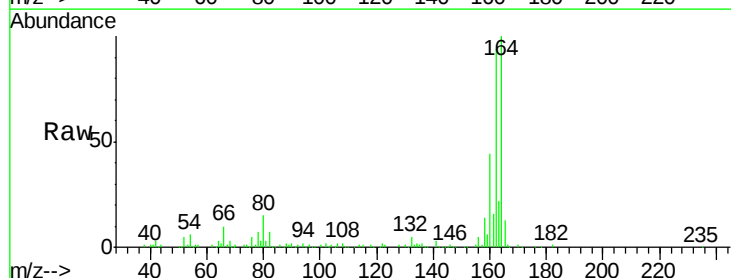
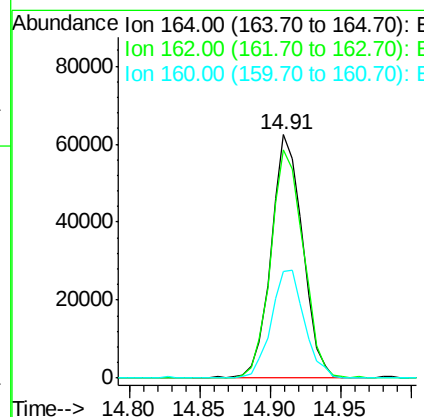
Manual Integrations
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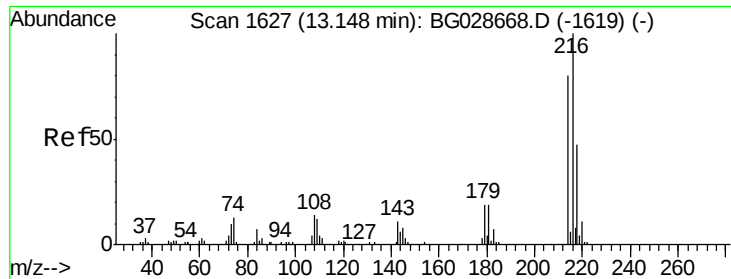
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.91 min Scan# 1927
Delta R.T. -0.04 min
Lab File: BG028771.D
Acq: 15 Sep 2017 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	97523		
162	93.8	85.1	127.7	
160	44.0	34.7	52.1	





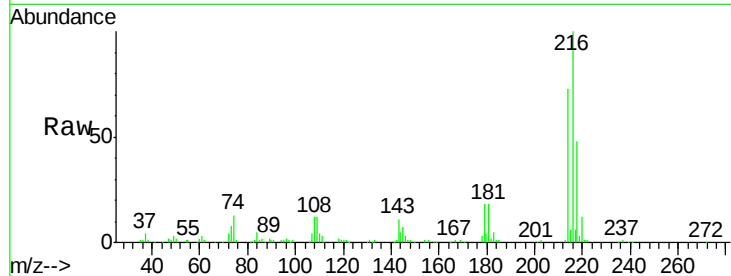
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 34.026 ng
 RT: 13.12 min Scan# 1622
 Delta R.T. -0.03 min
 Lab File: BG028771.D
 Acq: 15 Sep 2017 17:21

Instrument :
 BNA_G
 ClientSampleId :
 C19013061MS

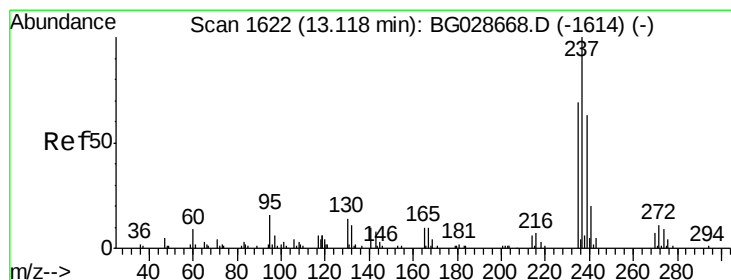
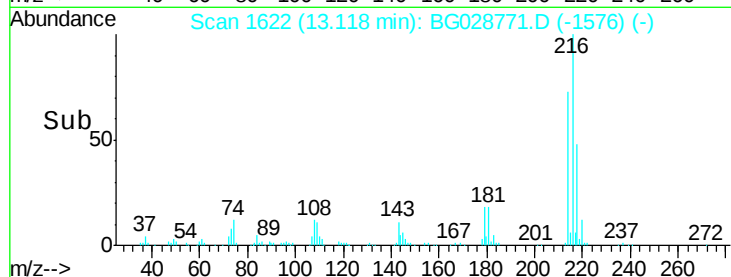
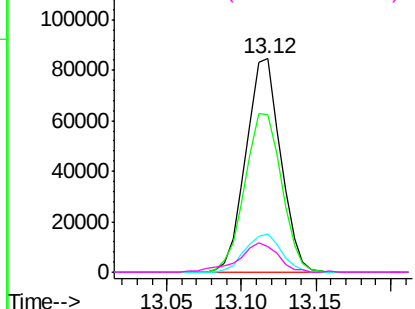
Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.7	64.4	96.6
179	18.8	17.4	26.0
108	15.8	15.6	23.4

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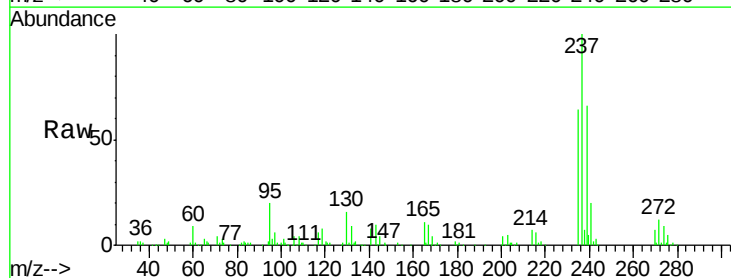


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

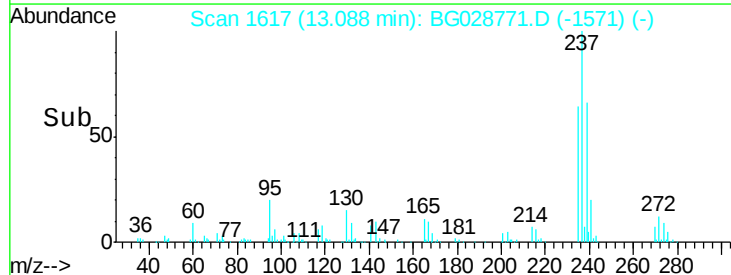
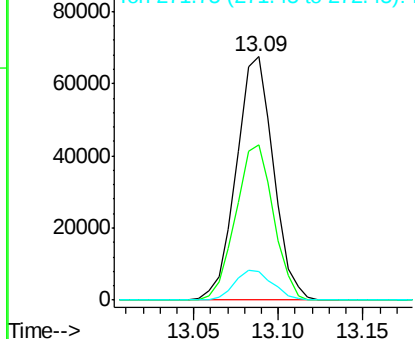


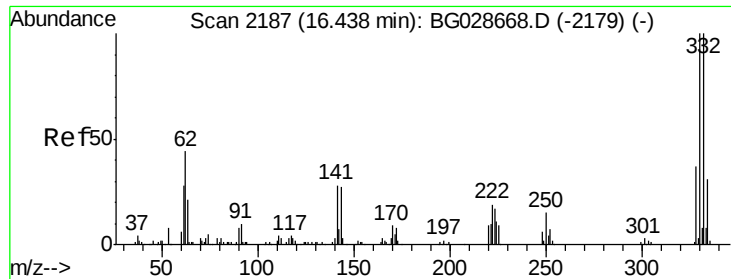
#40
 Hexachlorocyclopentadiene
 Concen: 67.618 ng
 RT: 13.09 min Scan# 1617
 Delta R.T. -0.03 min
 Lab File: BG028771.D
 Acq: 15 Sep 2017 17:21

Tgt Ion	Ratio	Lower	Upper
237	100		
235	63.9	39.4	79.4
272	11.6	0.0	32.0



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





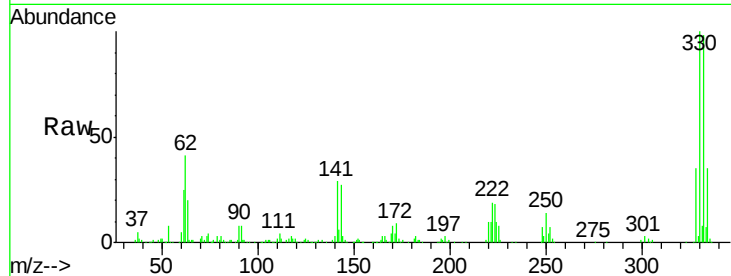
#41
 2,4,6-Tribromophenol
 Concen: 143.760 ng
 RT: 16.41 min Scan# 2182
 Delta R.T. -0.03 min
 Lab File: BG028771.D
 Acq: 15 Sep 2017 17:21

Instrument :
 BNA_G
 ClientSampleId :
 C19013061MS

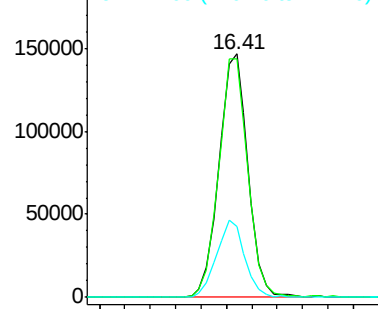
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	231880		
332	98.4	77.3	115.9	
141	31.4	32.1	48.1#	

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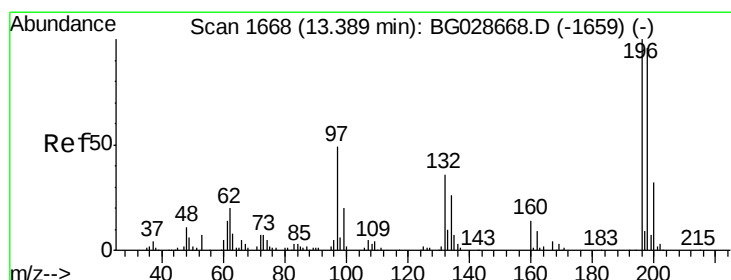
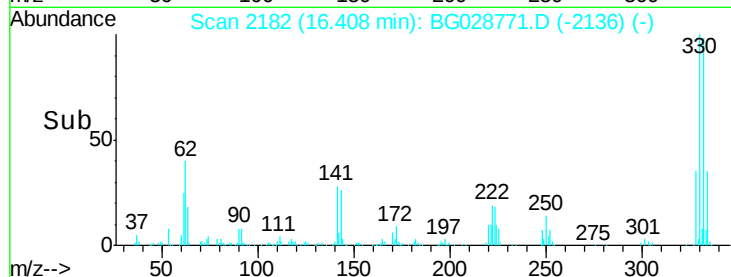
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Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

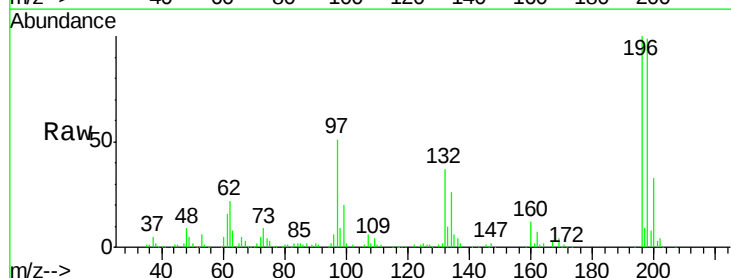


Time-->

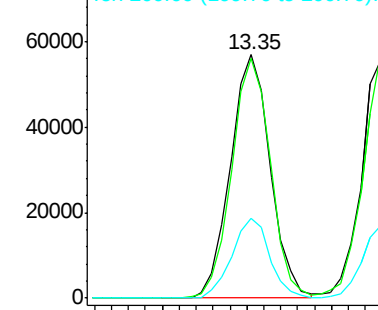


#42
 2,4,6-Trichlorophenol
 Concen: 36.565 ng
 RT: 13.35 min Scan# 1662
 Delta R.T. -0.04 min
 Lab File: BG028771.D
 Acq: 15 Sep 2017 17:21

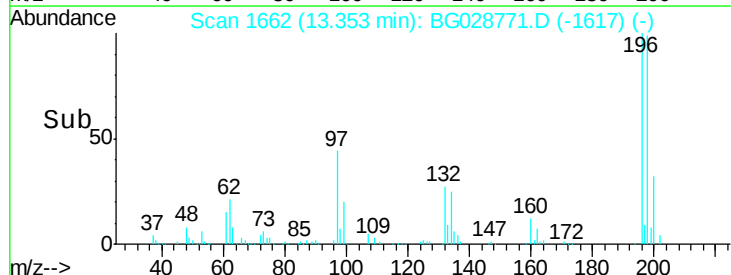
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	93059		
198	98.6	81.4	122.2	
200	32.6	27.0	40.6	

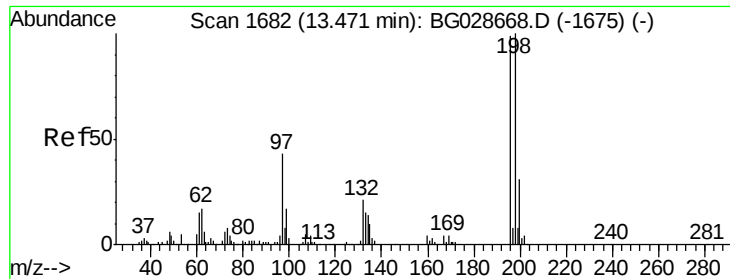


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E



Time-->





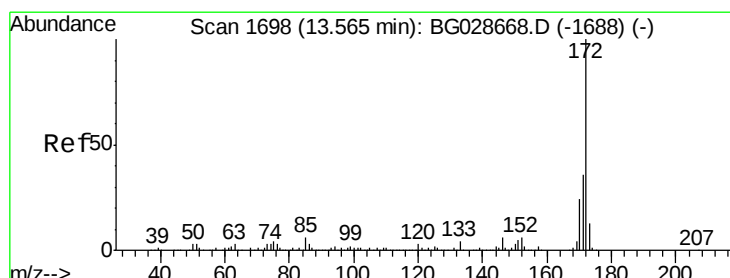
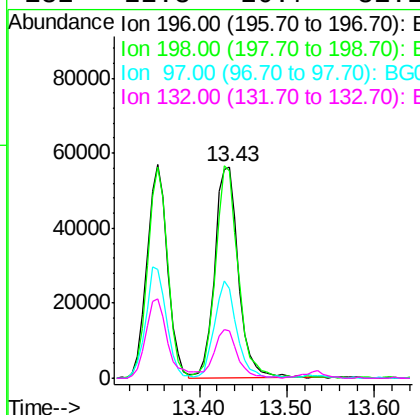
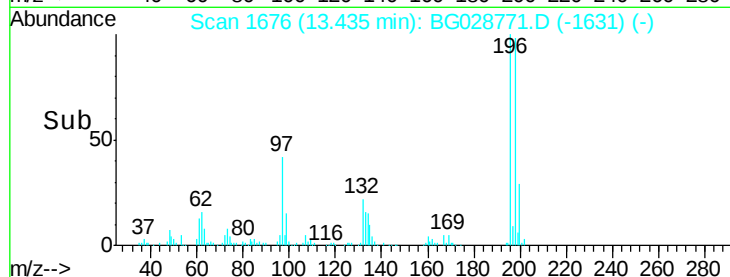
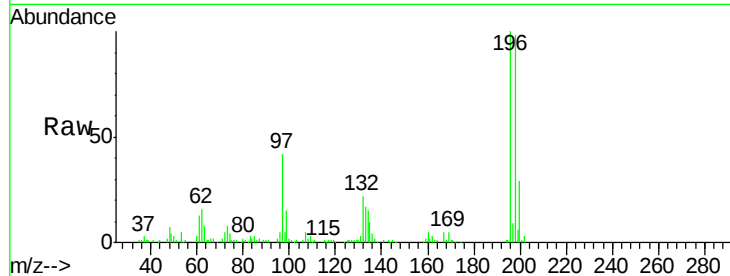
#43
 2,4,5-Trichlorophenol
 Concen: 41.355 ng
 RT: 13.43 min Scan# 1676
 Delta R.T. -0.04 min
 Lab File: BG028771.D
 Acq: 15 Sep 2017 17:21

Instrument :
 BNA_G
 ClientSampleId :
 C19013061MS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	105758		
198	97.8	79.9	119.9	
97	42.2	45.4	68.0	
132	22.3	20.7	31.1	

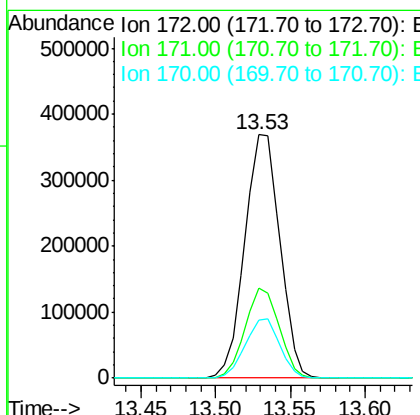
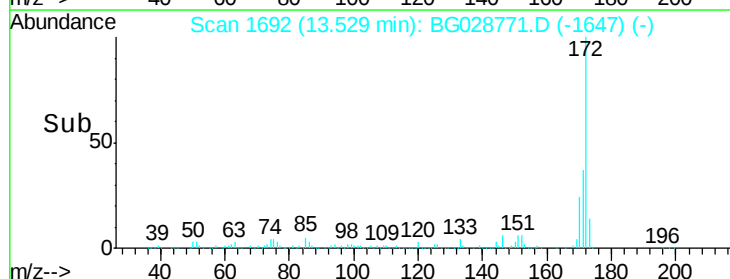
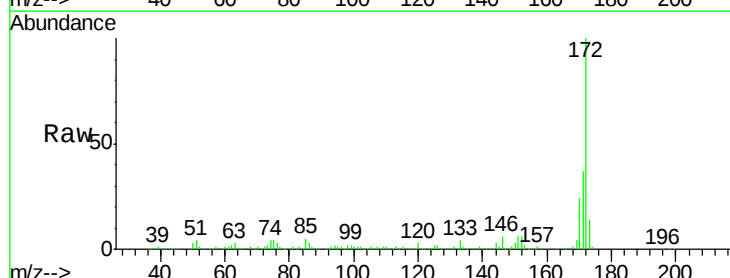
Manual Integrations
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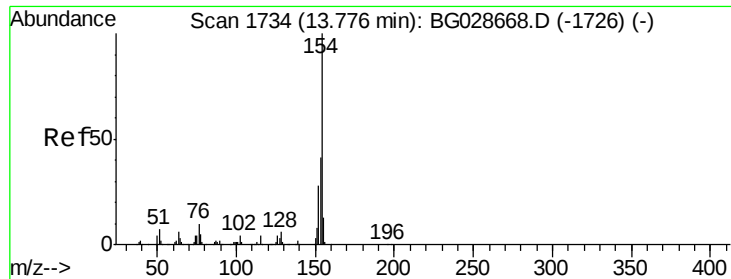
Sohil
 9/18/2017 3:31:41 PM



#44
 2-Fluorobiphenyl
 Concen: 81.924 ng
 RT: 13.53 min Scan# 1692
 Delta R.T. -0.04 min
 Lab File: BG028771.D
 Acq: 15 Sep 2017 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	599168		
171	37.2	32.2	48.2	
170	23.7	21.8	32.6	





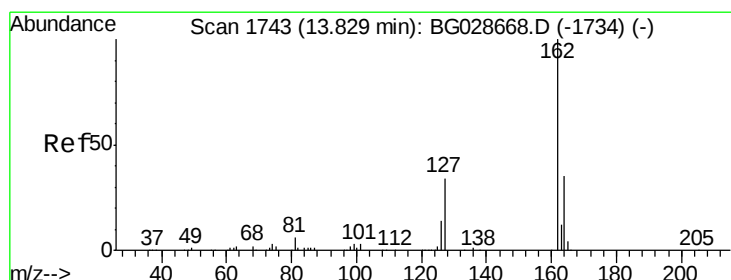
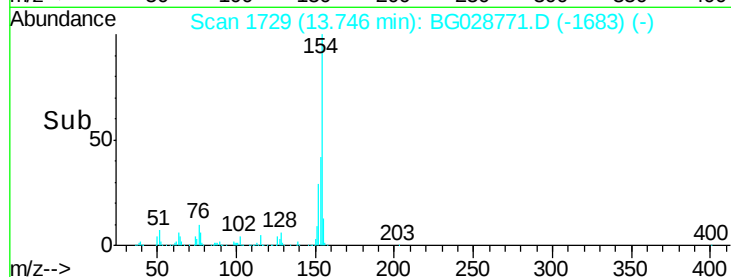
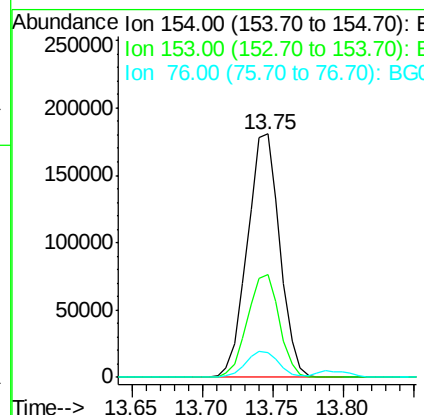
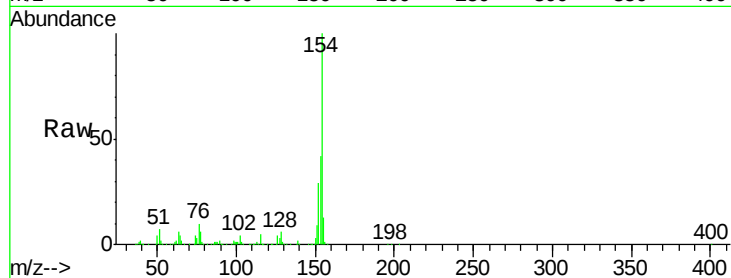
#45
 1,1'-Biphenyl
 Concen: 35.970 ng
 RT: 13.75 min Scan# 1729
 Delta R.T. -0.03 min
 Lab File: BG028771.D
 Acq: 15 Sep 2017 17:21

Instrument :
 BNA_G
 ClientSampleId :
 C19013061MS

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	290441		
153	42.2	23.0	63.0	
76	10.4	0.0	33.5	

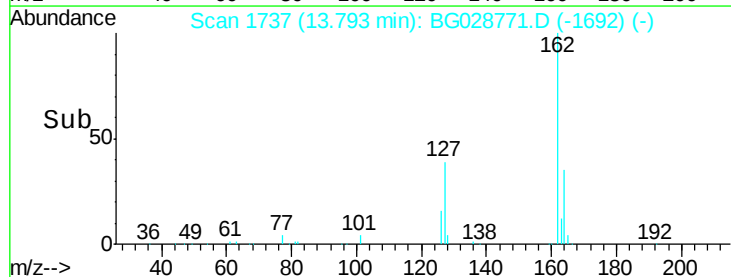
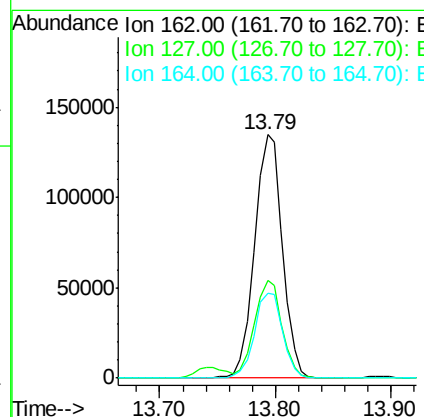
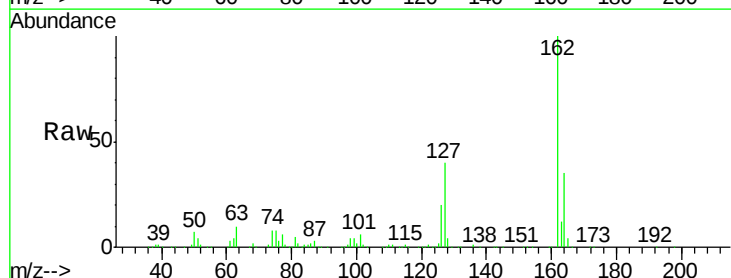
Manual Integrations
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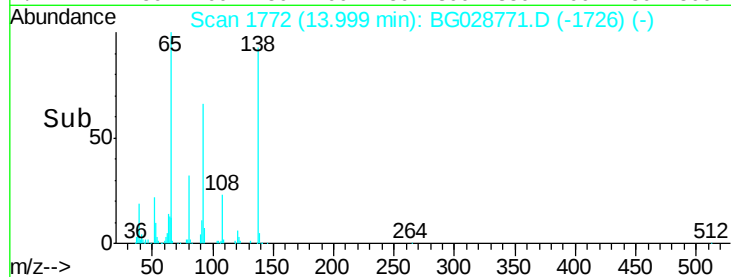
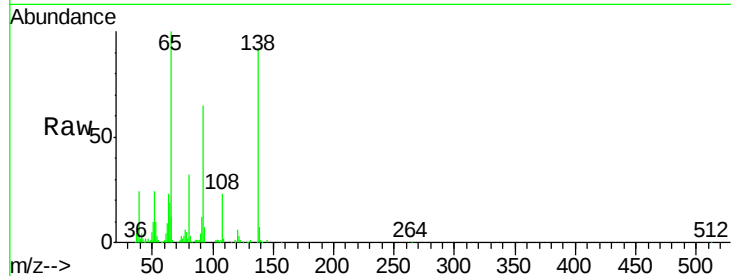
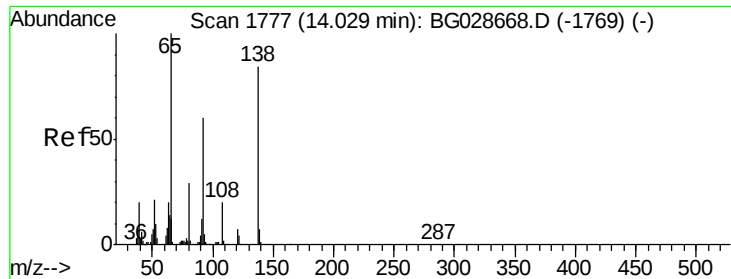
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#46
 2-Chloronaphthalene
 Concen: 38.286 ng
 RT: 13.79 min Scan# 1737
 Delta R.T. -0.04 min
 Lab File: BG028771.D
 Acq: 15 Sep 2017 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	225485		
127	40.0	32.2	48.4	
164	34.8	27.3	40.9	





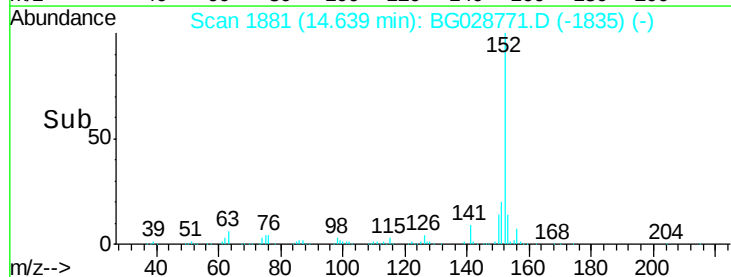
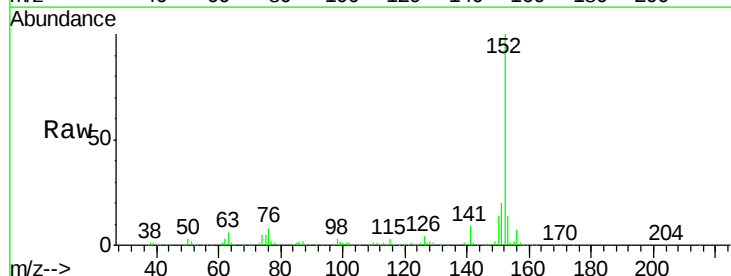
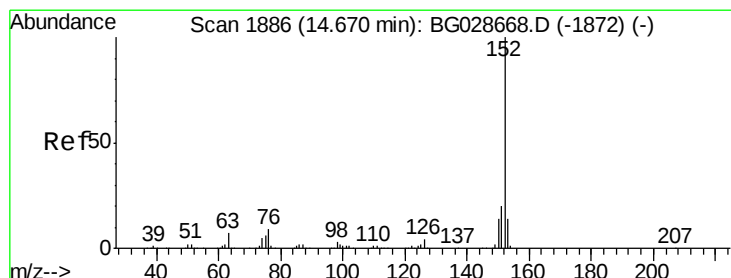
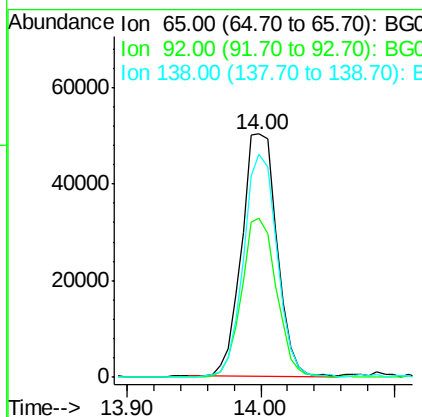
#47
2-Nitroaniline
Concen: 41.863 ng
RT: 14.00 min Scan# 1772
Delta R.T. -0.03 min
Lab File: BG028771.D
Acq: 15 Sep 2017 17:21

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.3	49.0	73.4
138	91.8	58.6	87.8

Instrument :
BNA_G
ClientSampleId :
C19013061MS

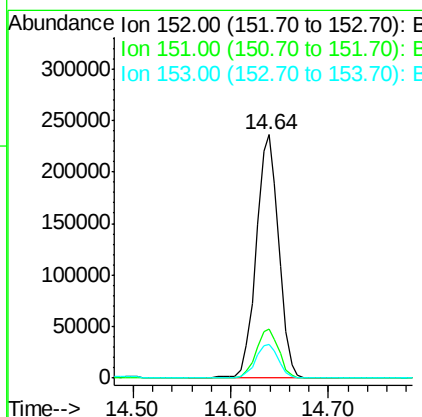
Manual Integrations
APPROVED

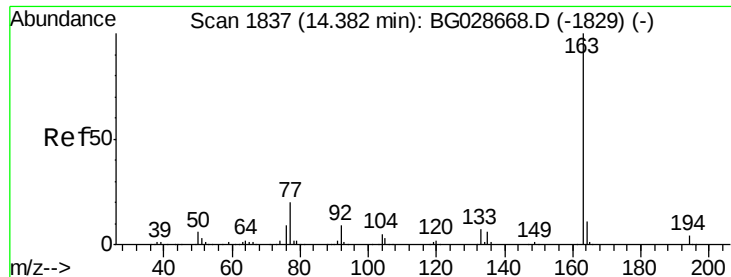
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#48
Acenaphthylene
Concen: 40.569 ng
RT: 14.64 min Scan# 1881
Delta R.T. -0.03 min
Lab File: BG028771.D
Acq: 15 Sep 2017 17:21

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.2	18.2	27.2
153	14.0	11.3	16.9





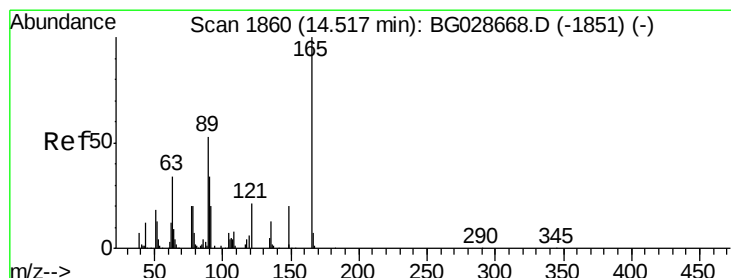
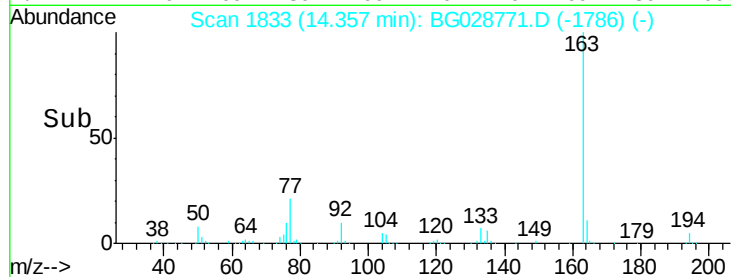
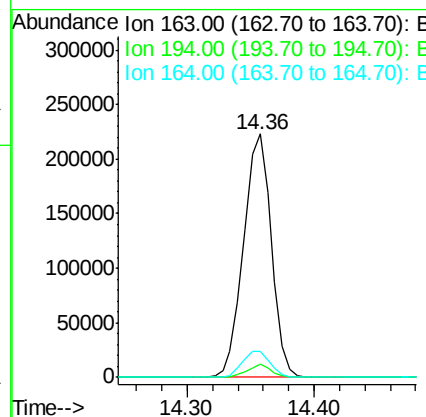
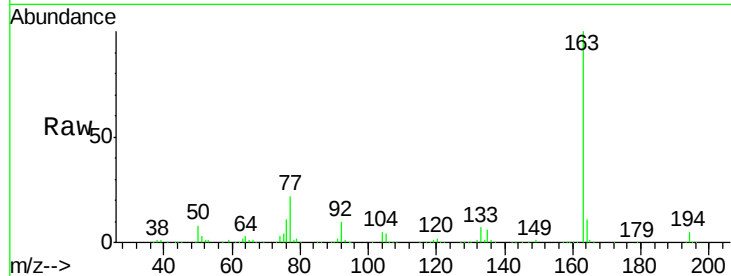
#49
Dimethylphthalate
Concen: 41.358 ng
RT: 14.36 min Scan# 1833
Delta R.T. -0.02 min
Lab File: BG028771.D
Acq: 15 Sep 2017 17:21

Instrument :
BNA_G
ClientSampleId :
C19013061MS

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	338220		
194	5.3	3.8	5.6	
164	10.6	9.3	13.9	

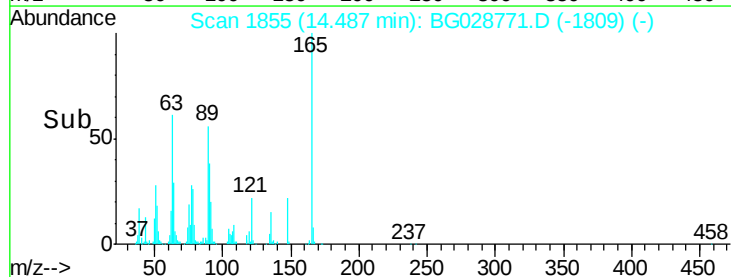
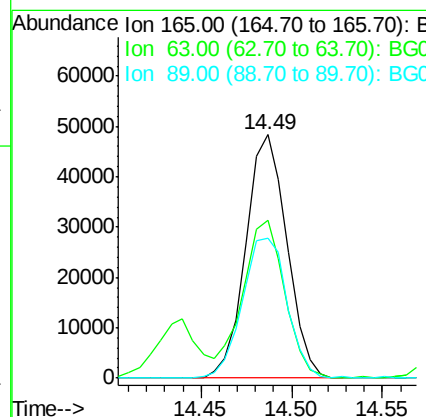
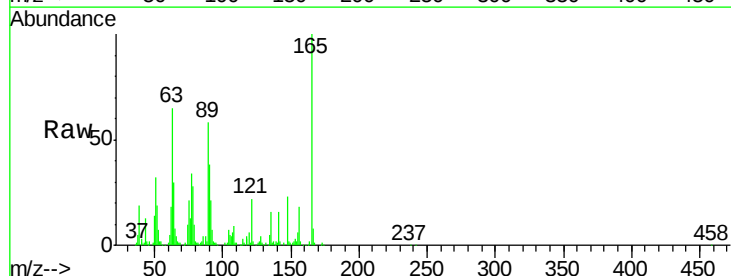
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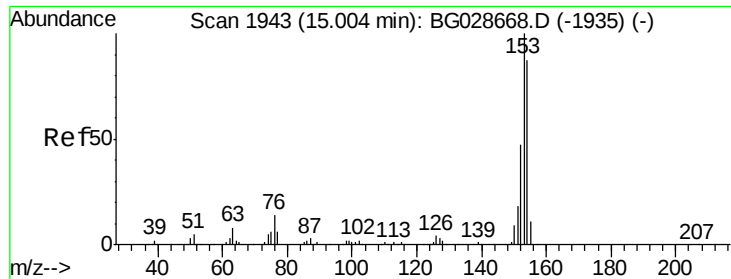
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#50
2,6-Dinitrotoluene
Concen: 41.803 ng
RT: 14.49 min Scan# 1855
Delta R.T. -0.03 min
Lab File: BG028771.D
Acq: 15 Sep 2017 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	76067		
63	65.1	63.9	95.9	
89	57.5	58.6	88.0	





#51

Acenaphthene

Concen: 41.304 ng

RT: 14.98 min Scan# 1939

Delta R.T. -0.02 min

Lab File: BG028771.D

Acq: 15 Sep 2017 17:21

Instrument :

BNA_G

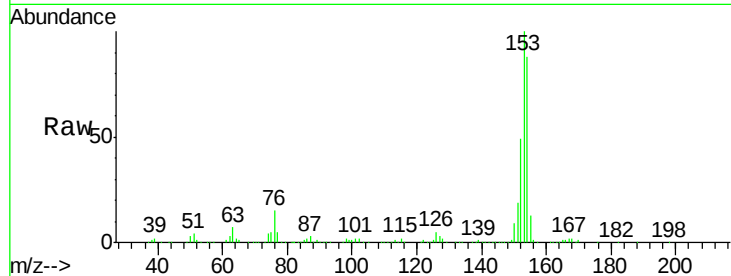
ClientSampleId :

C19013061MS

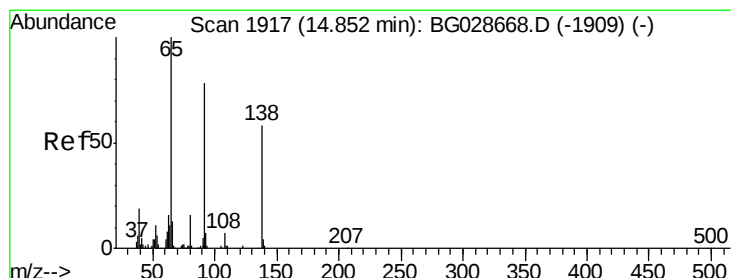
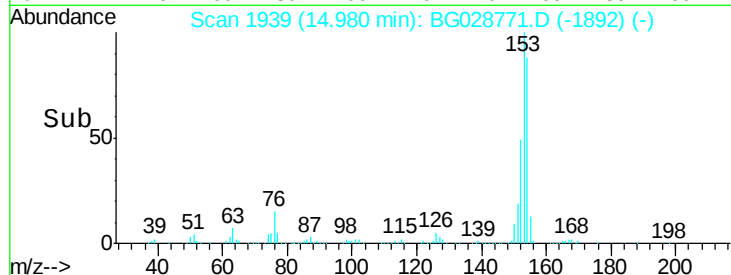
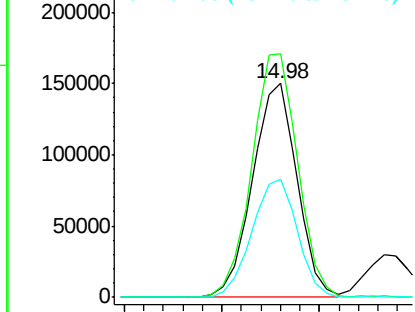
Tgt Ion:	154	Resp:	236081
Ion Ratio	Lower	Upper	
154	100		
153	114.0	87.8	131.6
152	55.4	42.2	63.4

Manual Integrations
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 28.577 ng

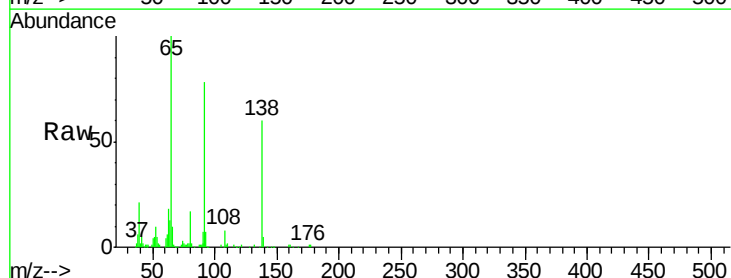
RT: 14.82 min Scan# 1912

Delta R.T. -0.03 min

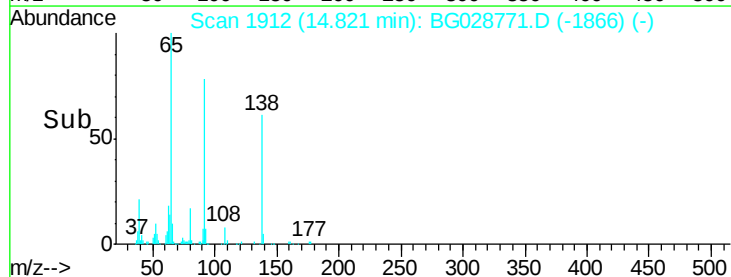
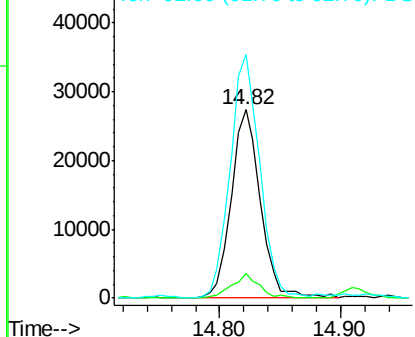
Lab File: BG028771.D

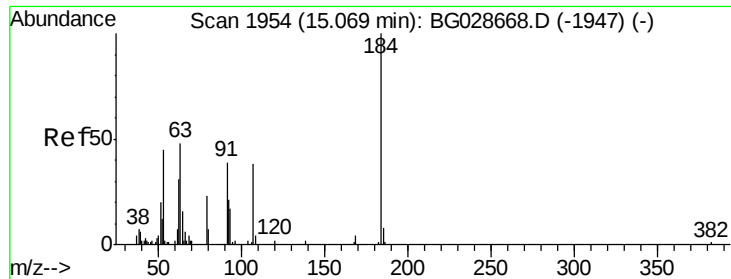
Acq: 15 Sep 2017 17:21

Tgt Ion:	138	Resp:	45985
Ion Ratio	Lower	Upper	
138	100		
108	12.9	10.9	16.3
92	129.3	115.3	172.9



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGO





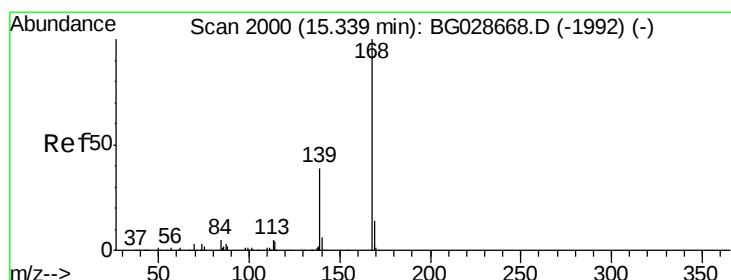
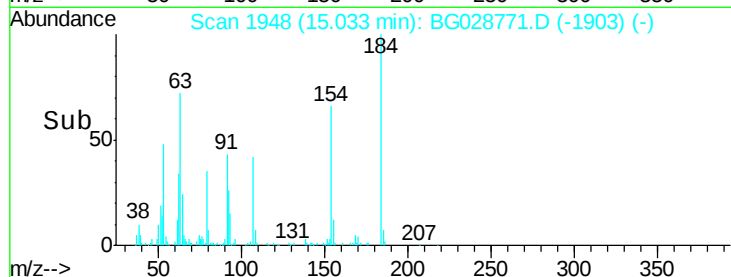
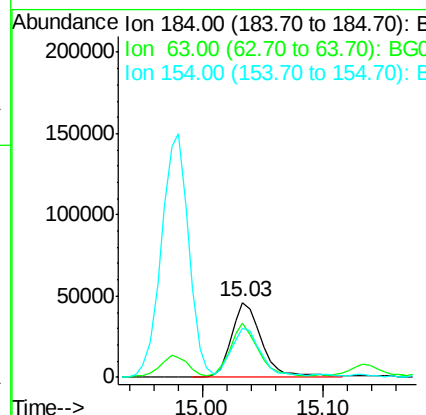
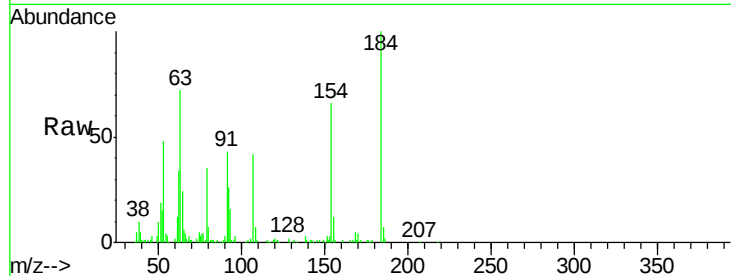
#53
2,4-Dinitrophenol
Concen: 83.869 ng
RT: 15.03 min Scan# 1948
Delta R.T. -0.04 min
Lab File: BG028771.D
Acq: 15 Sep 2017 17:21

Instrument :
BNA_G
ClientSampleId :
C19013061MS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	80828		
63	72.3	52.7	79.1	
154	65.7	57.3	85.9	

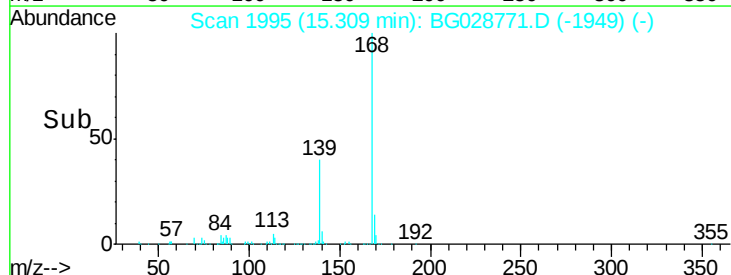
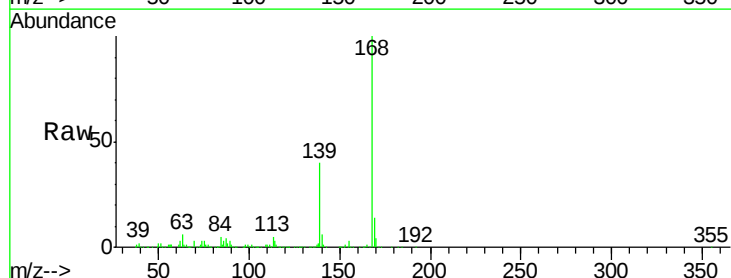
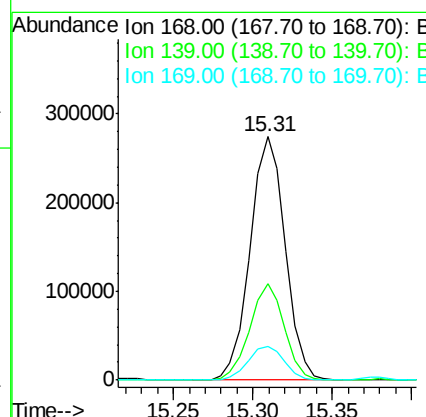
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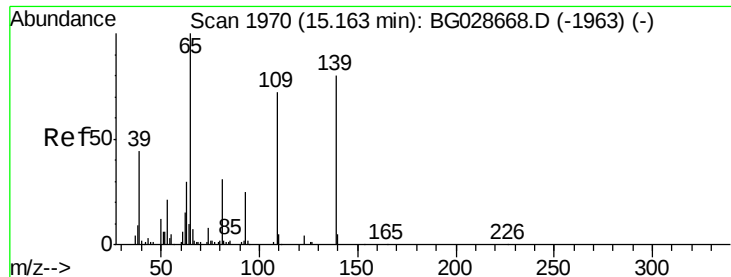
Sohil
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#54
Dibenzofuran
Concen: 46.204 ng
RT: 15.31 min Scan# 1995
Delta R.T. -0.03 min
Lab File: BG028771.D
Acq: 15 Sep 2017 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	421141		
139	39.5	35.3	52.9	
169	14.1	11.5	17.3	





#55

4-Nitrophenol

Concen: 32.188 ng

RT: 15.13 min Scan# 1965

Delta R.T. -0.03 min

Lab File: BG028771.D

Acq: 15 Sep 2017 17:21

Instrument :

BNA_G

ClientSampleId :

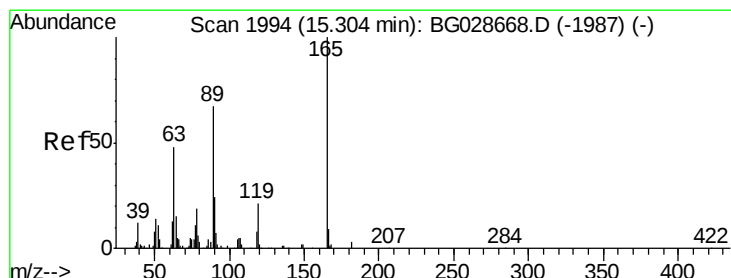
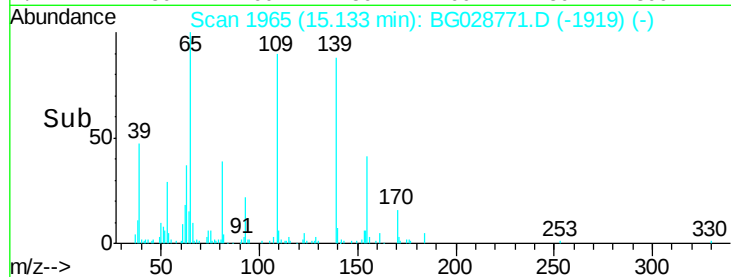
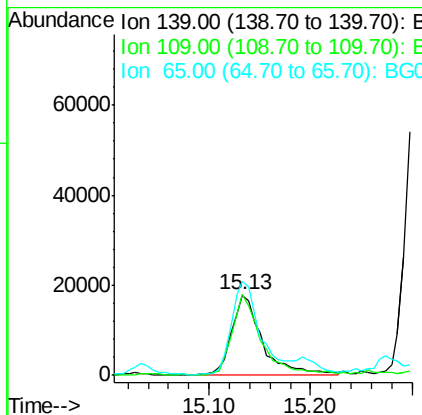
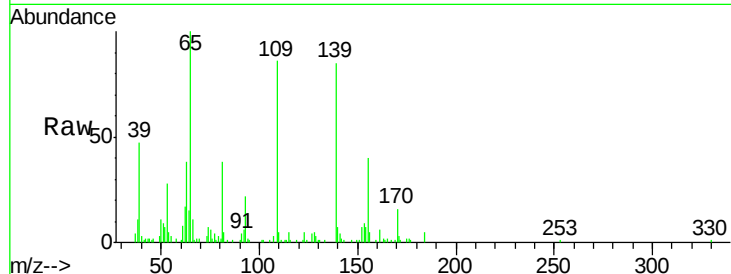
C19013061MS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	100.7	101.2	141.2#	
65	117.1	135.3	175.3#	

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#56

2,4-Dinitrotoluene

Concen: 45.834 ng

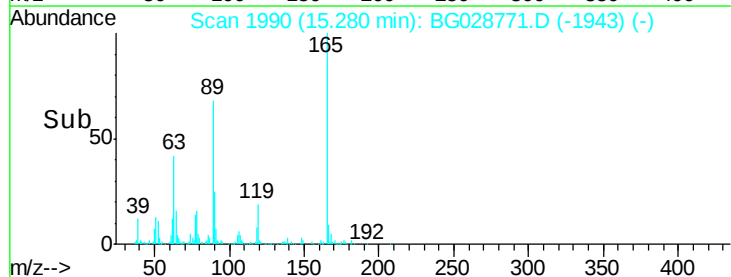
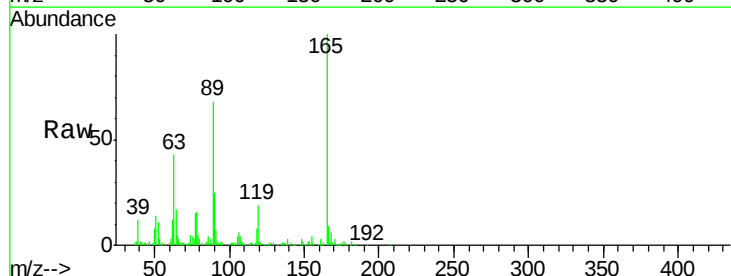
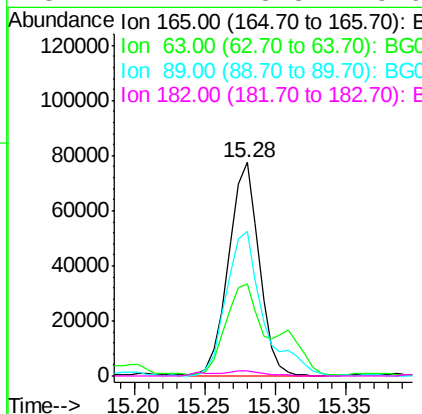
RT: 15.28 min Scan# 1990

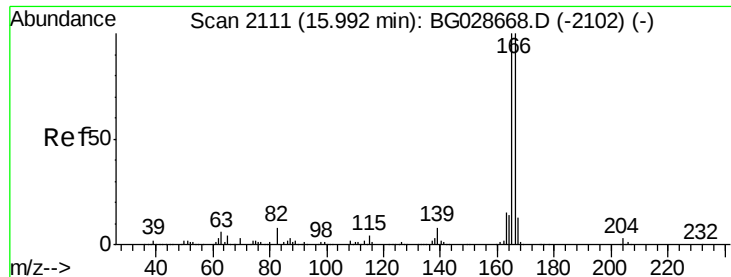
Delta R.T. -0.02 min

Lab File: BG028771.D

Acq: 15 Sep 2017 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	43.0	44.0	66.0#	
89	67.7	67.3	100.9	
182	2.4	3.8	5.6#	





#57

Fluorene

Concen: 46.250 ng

RT: 15.96 min Scan# 2106

Delta R.T. -0.03 min

Lab File: BG028771.D

Acq: 15 Sep 2017 17:21

Instrument :

BNA_G

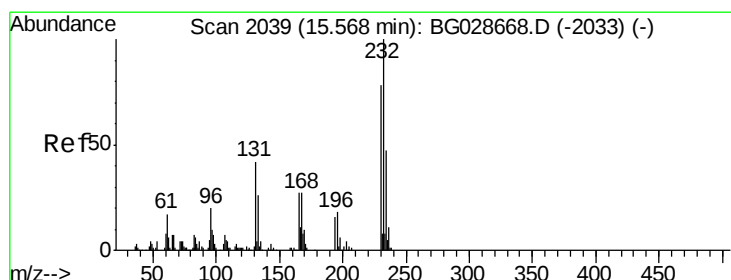
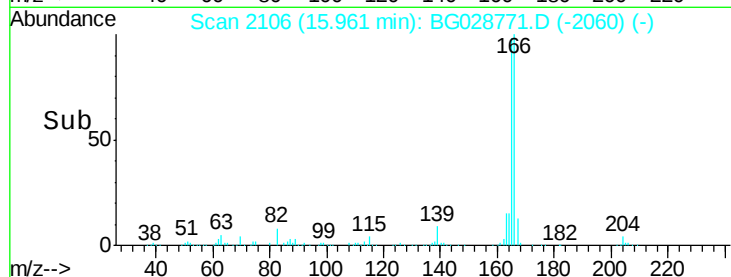
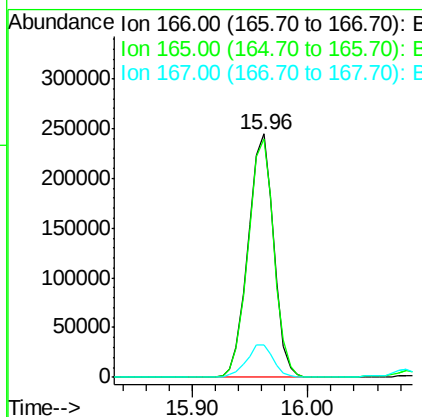
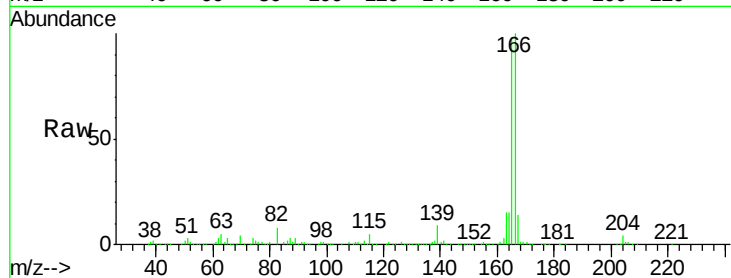
ClientSampleId :

C19013061MS

Tgt Ion:	166	Resp:	376355
Ion Ratio	Lower	Upper	
166	100		
165	98.0	78.6	117.8
167	13.6	11.6	17.4

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 46.774 ng

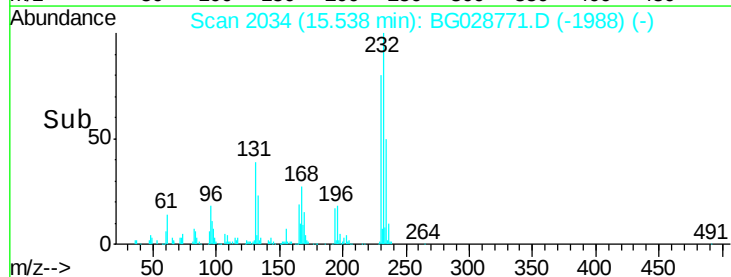
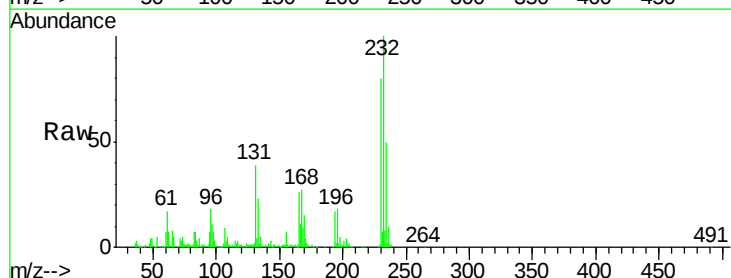
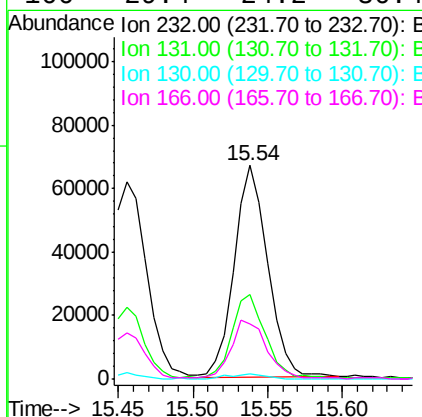
RT: 15.54 min Scan# 2034

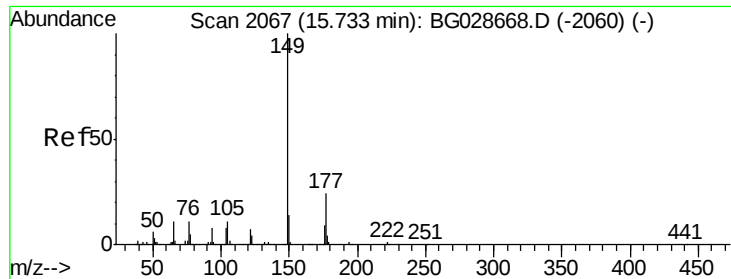
Delta R.T. -0.03 min

Lab File: BG028771.D

Acq: 15 Sep 2017 17:21

Tgt Ion:	232	Resp:	105423
Ion Ratio	Lower	Upper	
232	100		
131	39.2	34.9	52.3
130	3.0	2.3	3.5
166	29.4	24.2	36.4





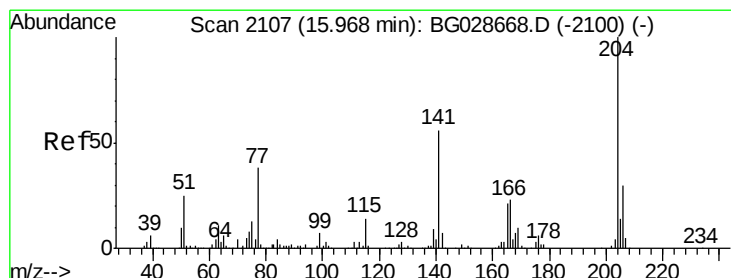
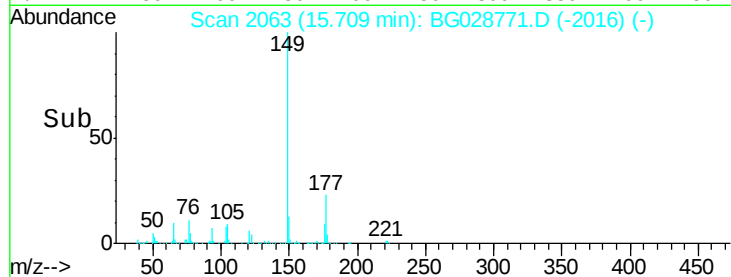
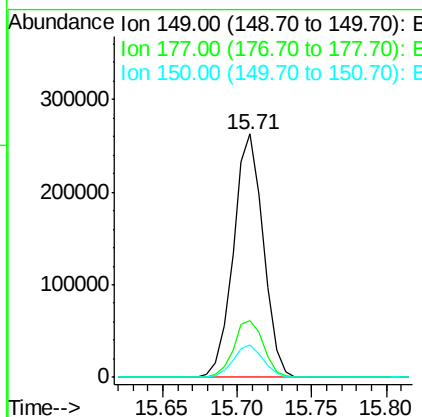
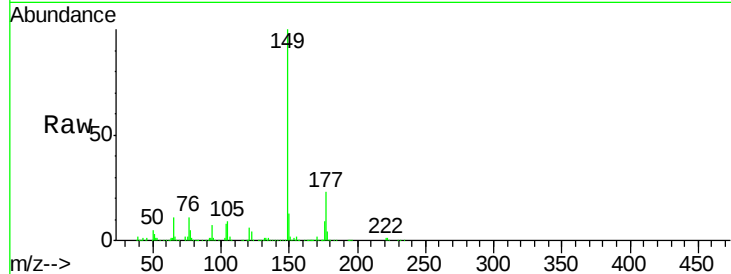
#59
Diethylphthalate
Concen: 43.453 ng
RT: 15.71 min Scan# 2063
Delta R.T. -0.02 min
Lab File: BG028771.D
Acq: 15 Sep 2017 17:21

Instrument :
BNA_G
ClientSampleId :
C19013061MS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	365180		
177	23.4	20.1	30.1	
150	13.4	10.2	15.2	

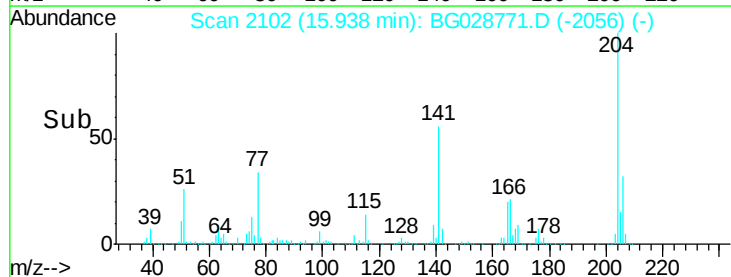
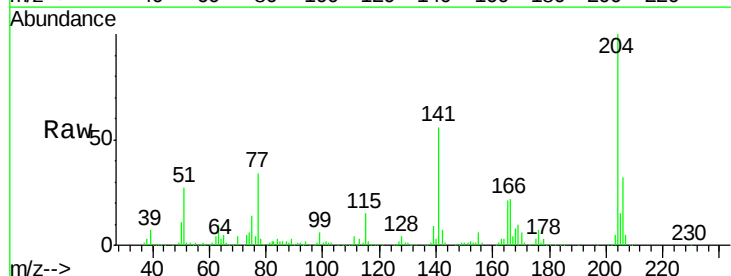
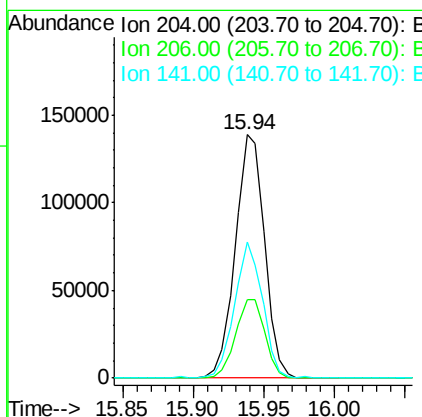
Manual Integrations
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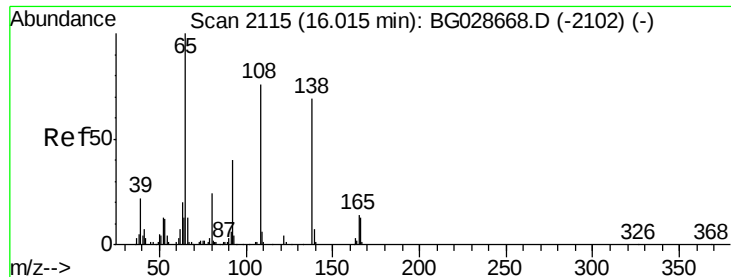
Sohil
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#60
4-Chlorophenyl-phenylether
Concen: 43.049 ng
RT: 15.94 min Scan# 2102
Delta R.T. -0.03 min
Lab File: BG028771.D
Acq: 15 Sep 2017 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	199476		
206	32.4	30.1	45.1	
141	55.9	50.6	76.0	





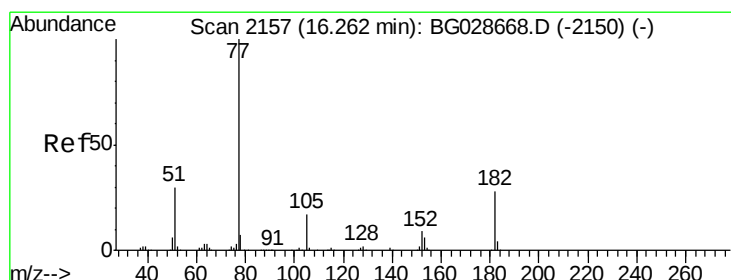
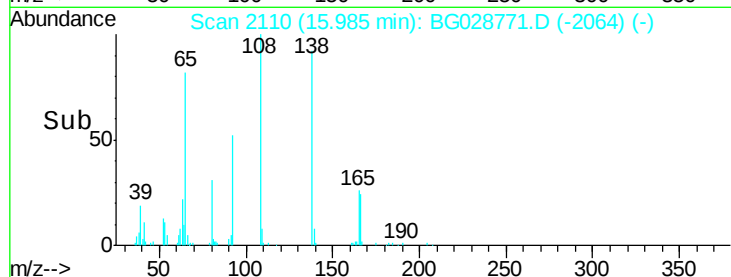
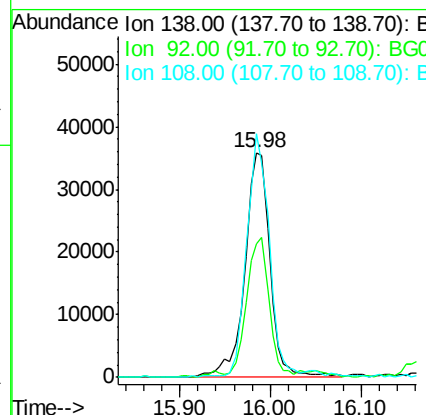
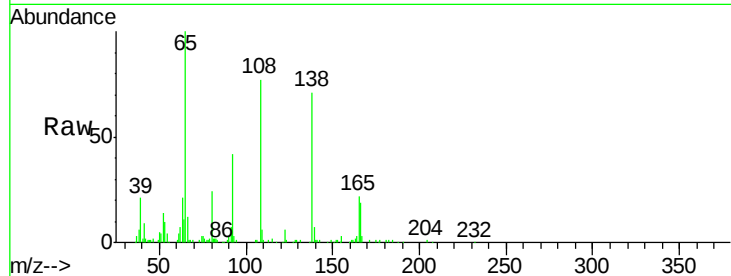
#61
4-Nitroaniline
Concen: 40.597 ng
RT: 15.98 min Scan# 2110
Delta R.T. -0.03 min
Lab File: BG028771.D
Acq: 15 Sep 2017 17:21

Instrument :
BNA_G
ClientSampleId :
C19013061MS

Tgt Ion	Ratio	Lower	Upper
138	100		
92	59.6	44.2	84.2
108	108.4	104.8	144.8

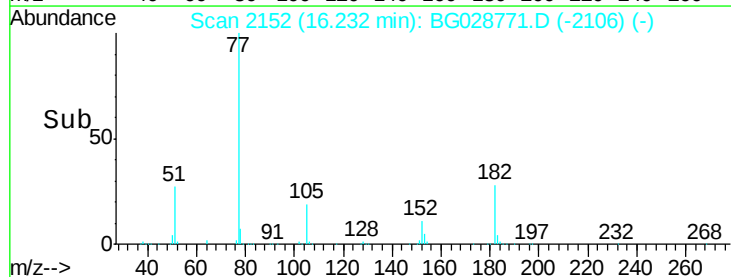
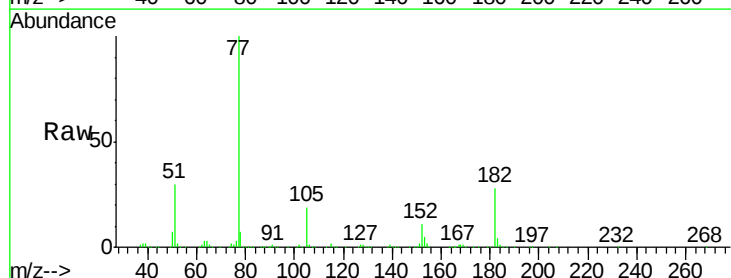
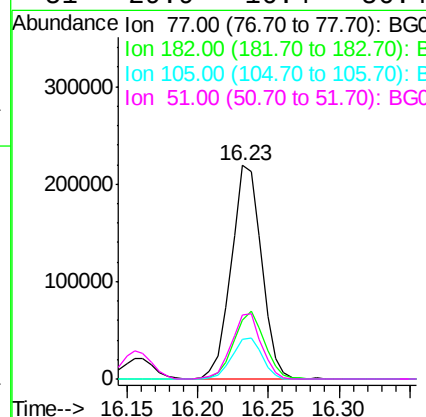
Manual Integrations
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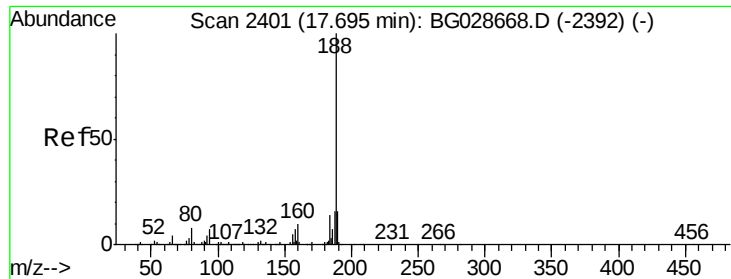
Sohil
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#62
Azobenzene
Concen: 46.153 ng
RT: 16.23 min Scan# 2152
Delta R.T. -0.03 min
Lab File: BG028771.D
Acq: 15 Sep 2017 17:21

Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.9	4.7	44.7
105	18.5	0.0	36.3
51	29.9	16.4	56.4





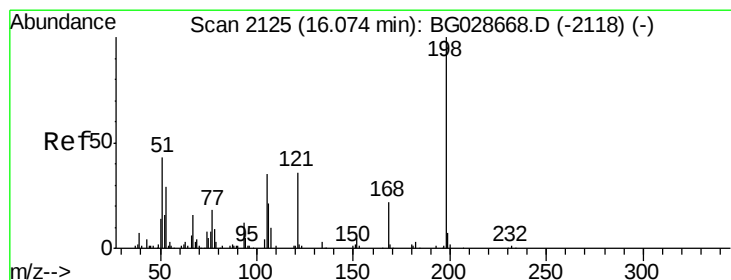
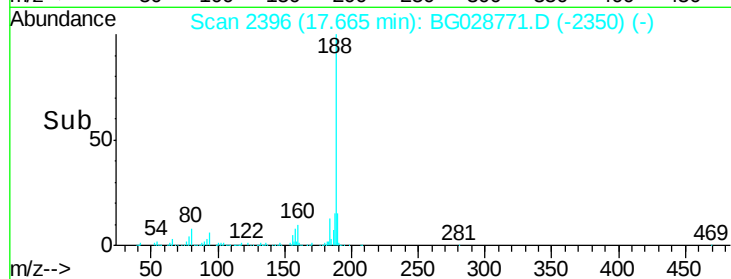
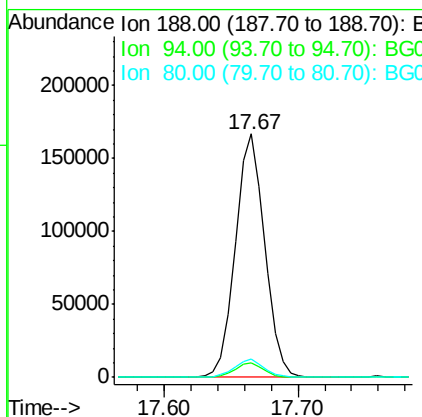
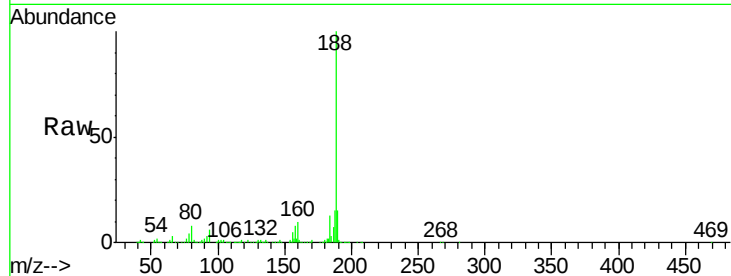
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.67 min Scan# 2396
Delta R.T. -0.03 min
Lab File: BG028771.D
Acq: 15 Sep 2017 17:21

Instrument :
BNA_G
ClientSampleId :
C19013061MS

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	253169		
94	6.1	5.8	8.8	
80	7.7	7.5	11.3	

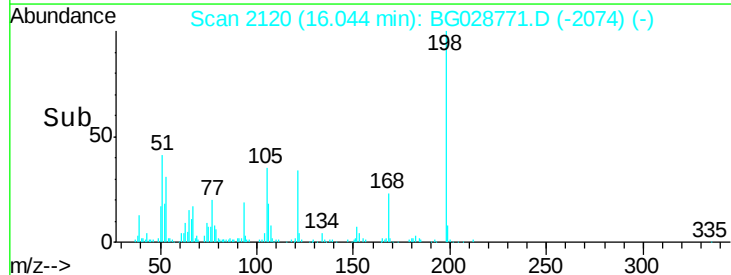
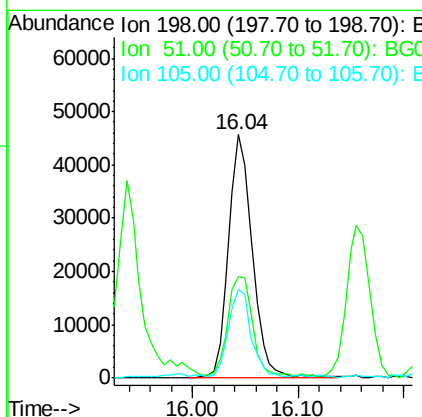
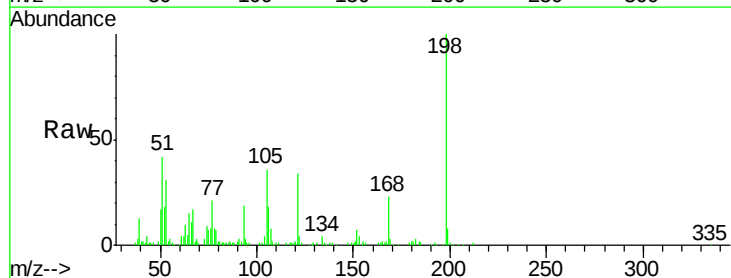
Manual Integrations
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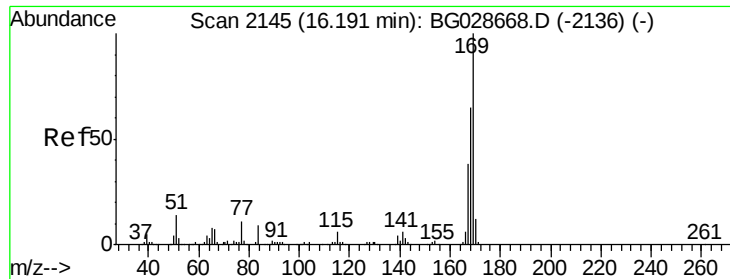
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 43.517 ng
RT: 16.04 min Scan# 2120
Delta R.T. -0.03 min
Lab File: BG028771.D
Acq: 15 Sep 2017 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	71089		
51	41.8	22.6	62.6	
105	36.3	14.4	54.4	





#65

n-Nitrosodiphenylamine

Concen: 42.428 ng

RT: 16.16 min Scan# 2139

Delta R.T. -0.04 min

Lab File: BG028771.D

Acq: 15 Sep 2017 17:21

Instrument :

BNA_G

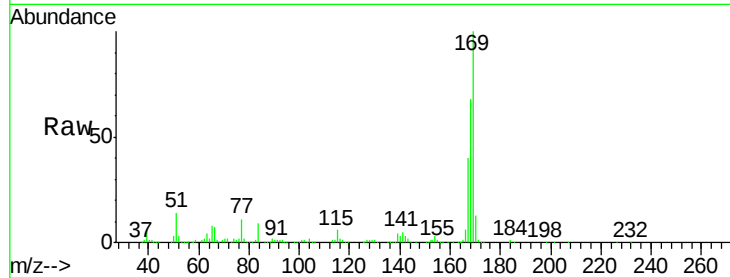
ClientSampleId :

C19013061MS

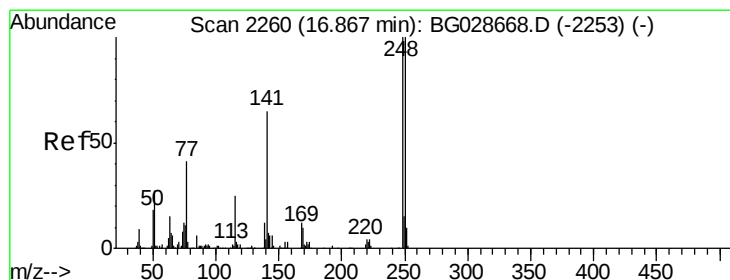
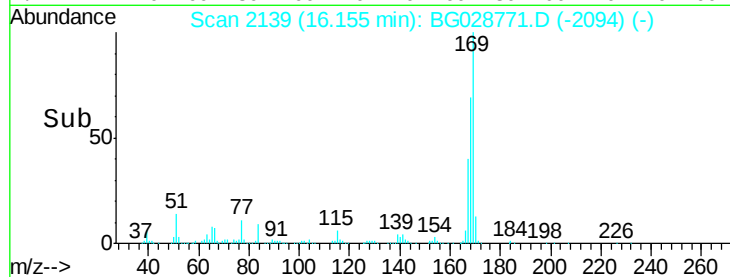
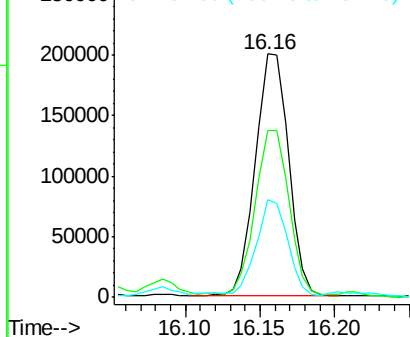
Tgt Ion:	169	Resp:	307924
Ion Ratio	Lower	Upper	
169	100		
168	68.5	55.7	83.5
167	40.0	29.8	44.6

Manual Integrations
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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 44.483 ng

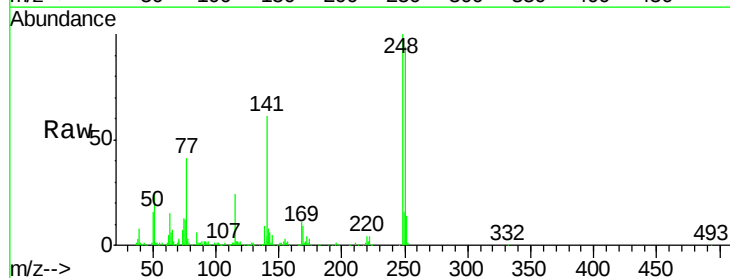
RT: 16.84 min Scan# 2255

Delta R.T. -0.03 min

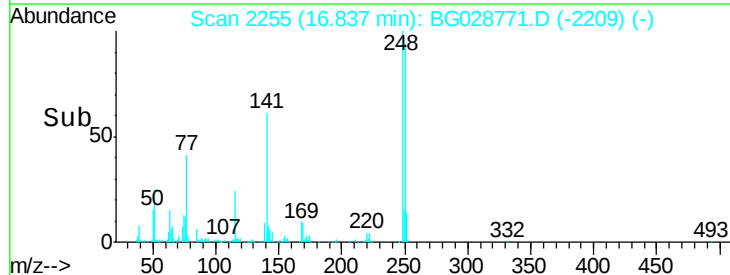
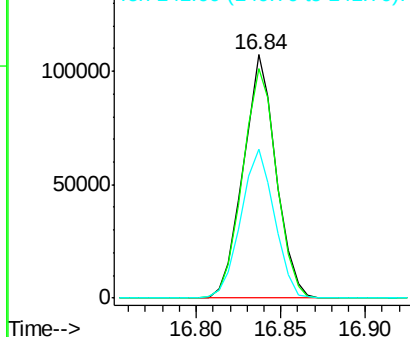
Lab File: BG028771.D

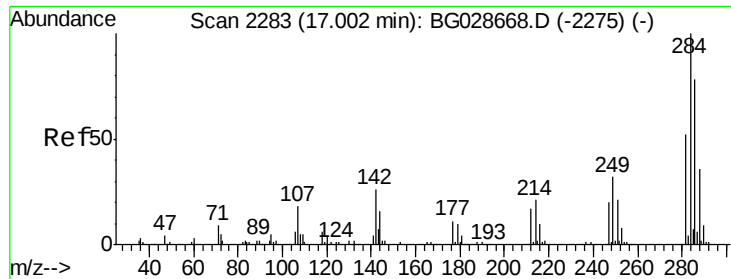
Acq: 15 Sep 2017 17:21

Tgt Ion:	248	Resp:	144909
Ion Ratio	Lower	Upper	
248	100		
250	94.4	75.0	112.6
141	61.2	55.2	82.8



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





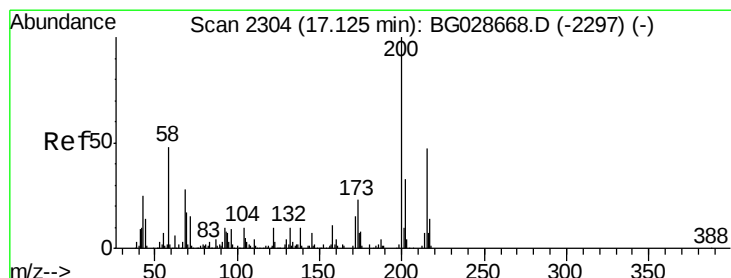
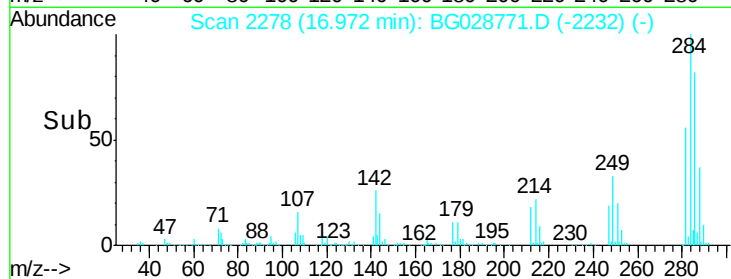
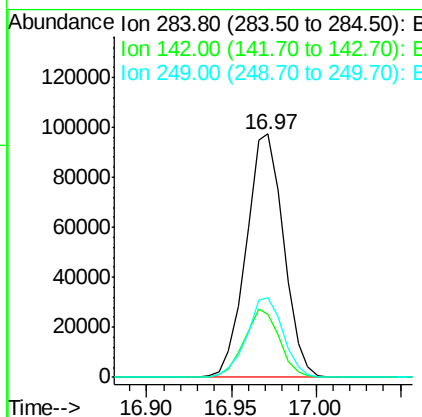
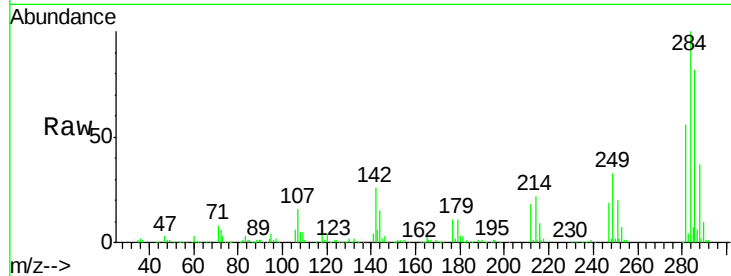
#67
Hexachlorobenzene
Concen: 40.382 ng
RT: 16.97 min Scan# 2278
Delta R.T. -0.03 min
Lab File: BG028771.D
Acq: 15 Sep 2017 17:21

Instrument :
BNA_G
ClientSampleId :
C19013061MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	25.8	29.9	44.9#
249	32.9	29.2	43.8

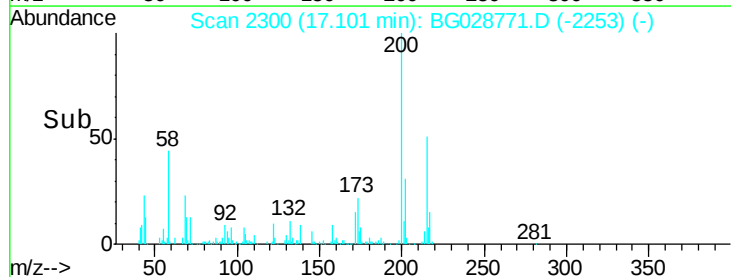
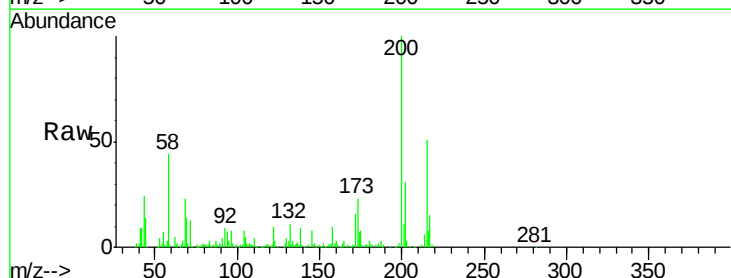
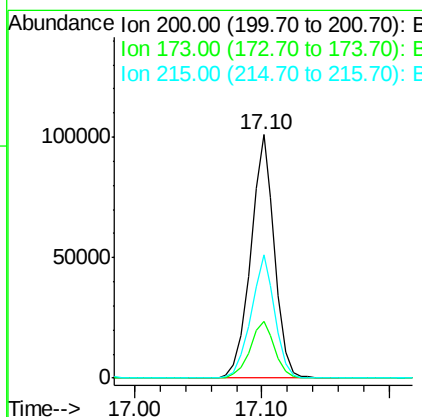
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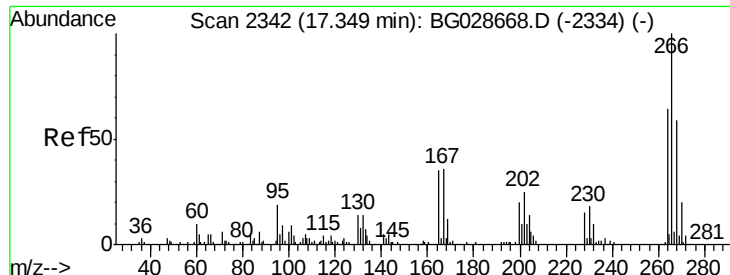
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#68
Atrazine
Concen: 42.059 ng
RT: 17.10 min Scan# 2300
Delta R.T. -0.02 min
Lab File: BG028771.D
Acq: 15 Sep 2017 17:21

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	23.2	3.0	43.0
215	50.7	28.4	68.4





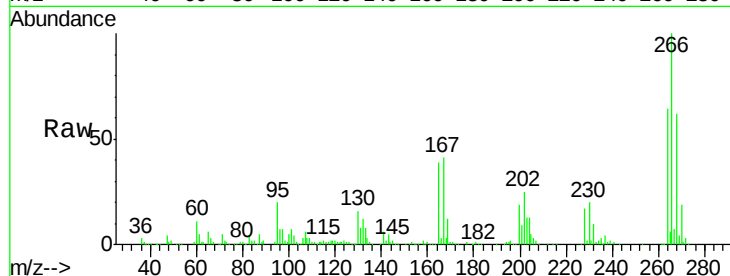
#69
 Pentachlorophenol
 Concen: 87.677 ng
 RT: 17.32 min Scan# 2337
 Delta R.T. -0.03 min
 Lab File: BG028771.D
 Acq: 15 Sep 2017 17:21

Instrument :
 BNA_G
 ClientSampleId :
 C19013061MS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	146875		
268	62.2	48.6	72.8	
264	63.5	50.1	75.1	

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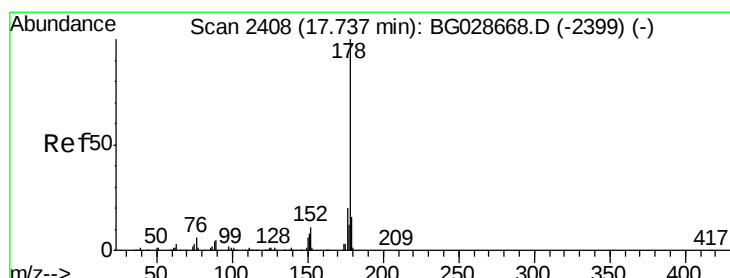
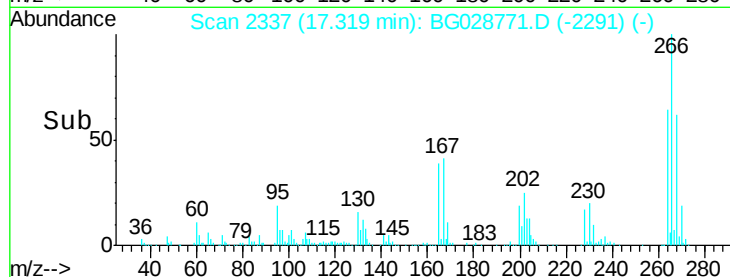
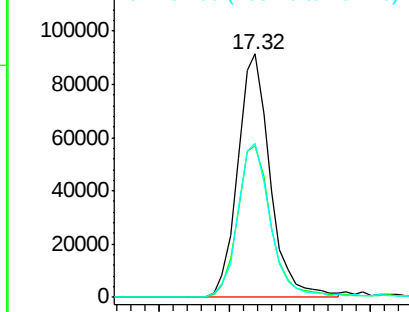


Abundance

Ion 265.70 (265.40 to 266.40): E

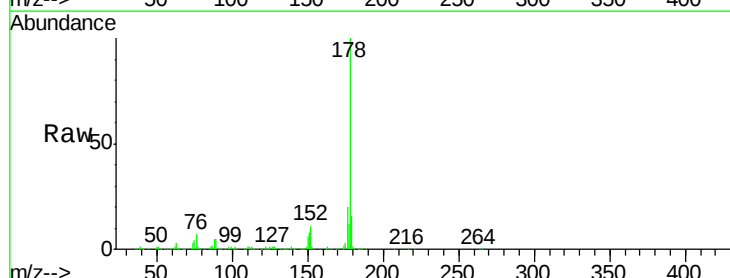
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 48.092 ng
 RT: 17.71 min Scan# 2403
 Delta R.T. -0.03 min
 Lab File: BG028771.D
 Acq: 15 Sep 2017 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	622622		
176	19.7	17.7	26.5	
179	15.8	15.0	22.6	

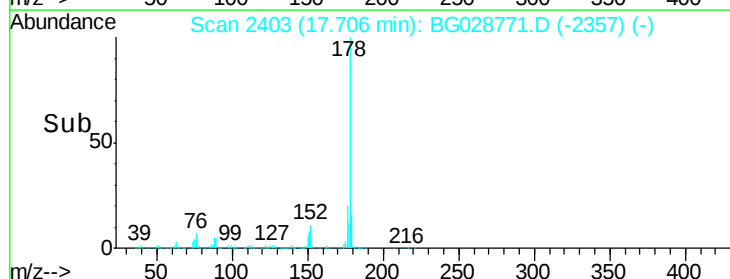
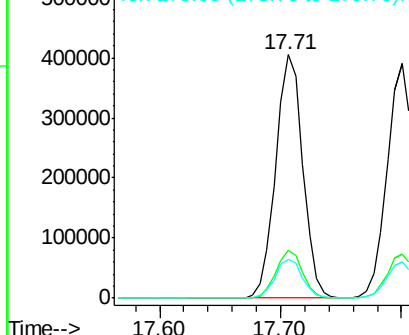


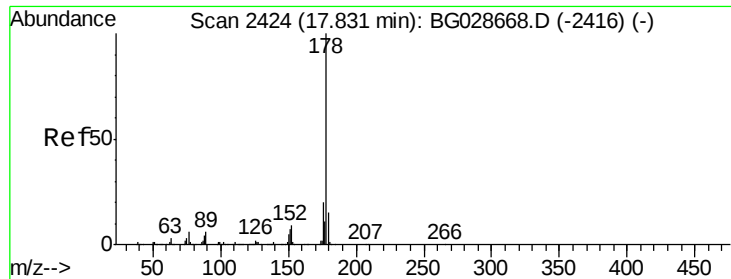
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 45.406 ng

RT: 17.80 min Scan# 2419

Delta R.T. -0.03 min

Lab File: BG028771.D

Acq: 15 Sep 2017 17:21

Instrument :

BNA_G

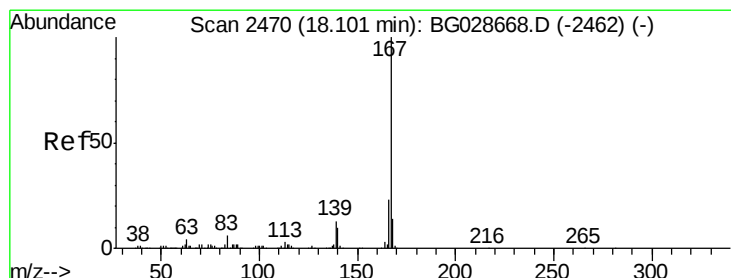
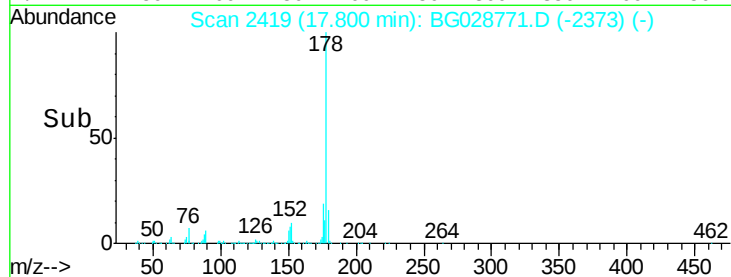
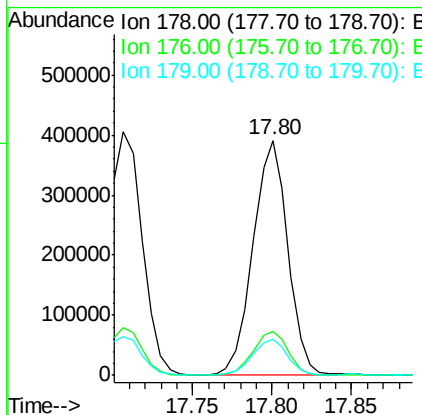
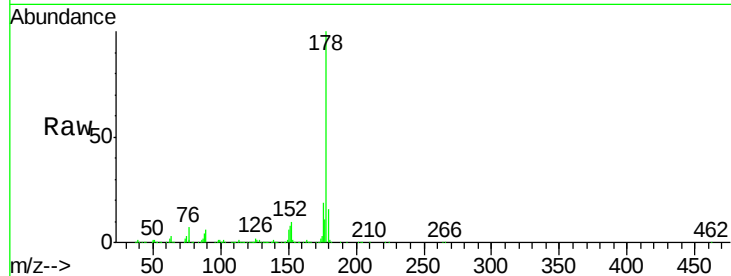
ClientSampleId :

C19013061MS

Tgt Ion:	178	Resp:	593828
Ion Ratio	Lower	Upper	
178	100		
176	18.9	16.4	24.6
179	15.6	13.8	20.8

Manual Integrations
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#72

Carbazole

Concen: 43.043 ng

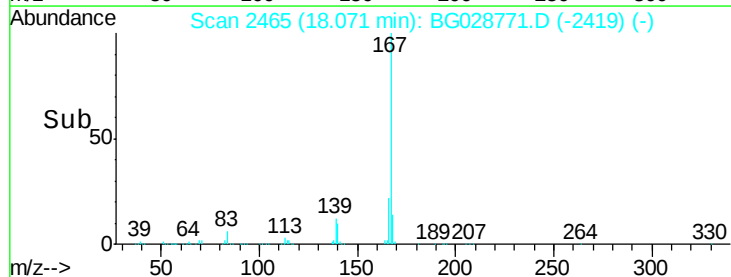
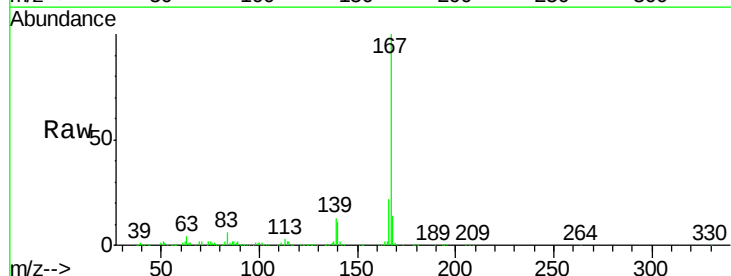
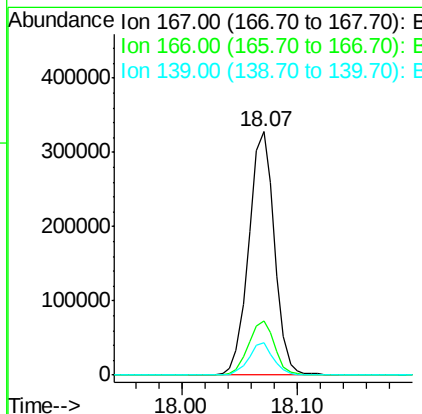
RT: 18.07 min Scan# 2465

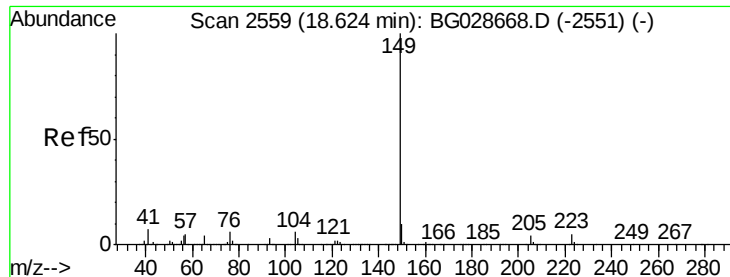
Delta R.T. -0.03 min

Lab File: BG028771.D

Acq: 15 Sep 2017 17:21

Tgt Ion:	167	Resp:	506985
Ion Ratio	Lower	Upper	
167	100		
166	22.4	20.2	30.2
139	13.1	12.8	19.2





#73

Di-n-butylphthalate

Concen: 42.623 ng

RT: 18.59 min Scan# 2554

Delta R.T. -0.03 min

Lab File: BG028771.D

Acq: 15 Sep 2017 17:21

Instrument :

BNA_G

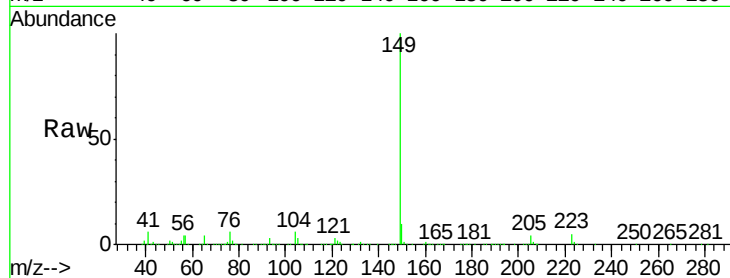
ClientSampleId :

C19013061MS

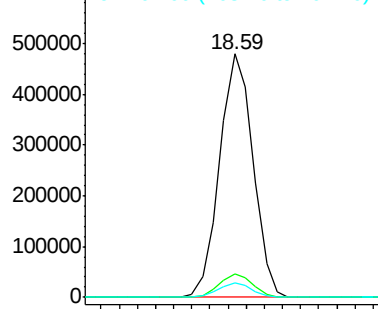
Tgt Ion:	149	Resp:	615588
Ion Ratio	Lower	Upper	
149	100		
150	9.7	9.1	13.7
104	5.8	6.7	10.1

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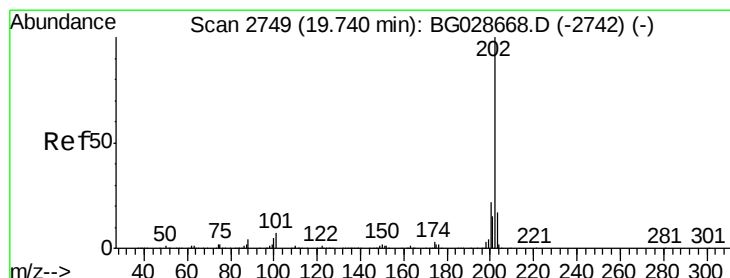
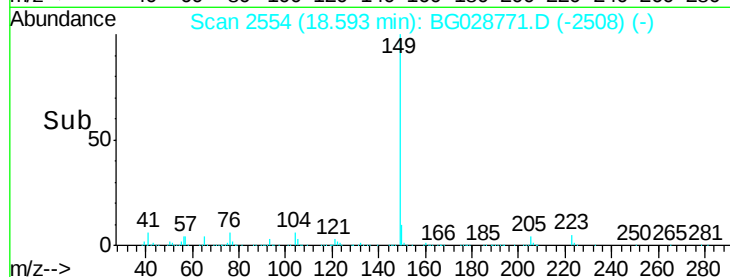
Sohil
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



Time-->



#74

Fluoranthene

Concen: 46.003 ng

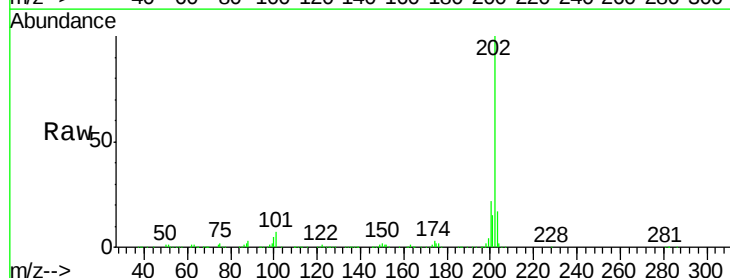
RT: 19.71 min Scan# 2744

Delta R.T. -0.03 min

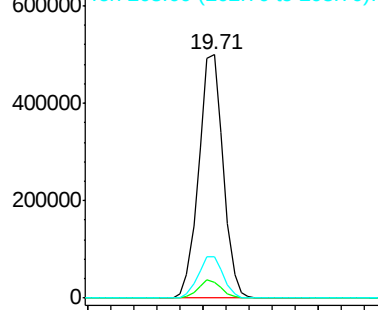
Lab File: BG028771.D

Acq: 15 Sep 2017 17:21

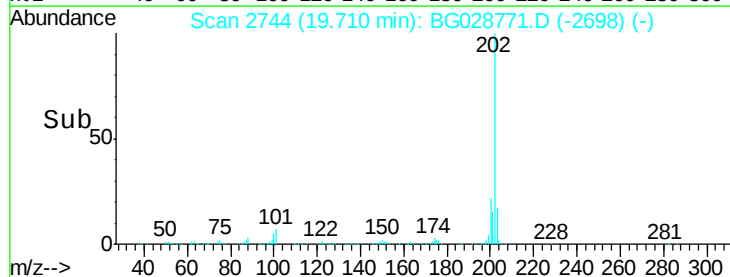
Tgt Ion:	202	Resp:	727207
Ion Ratio	Lower	Upper	
202	100		
101	6.6	0.0	30.1
203	17.1	1.3	41.3

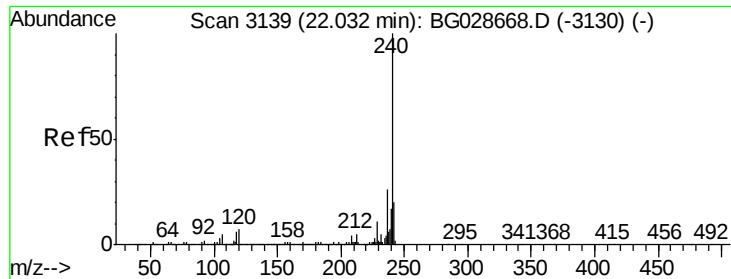


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



Time-->





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.00 min Scan# 3133

Delta R.T. -0.04 min

Lab File: BG028771.D

Acq: 15 Sep 2017 17:21

Instrument :

BNA_G

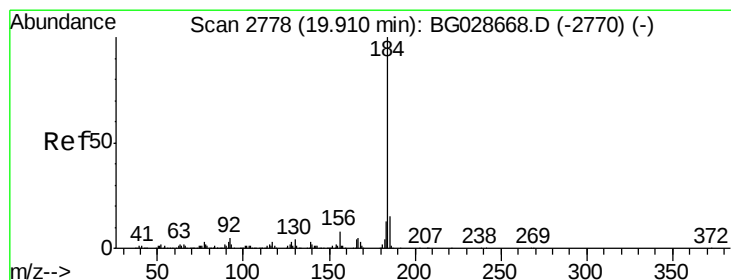
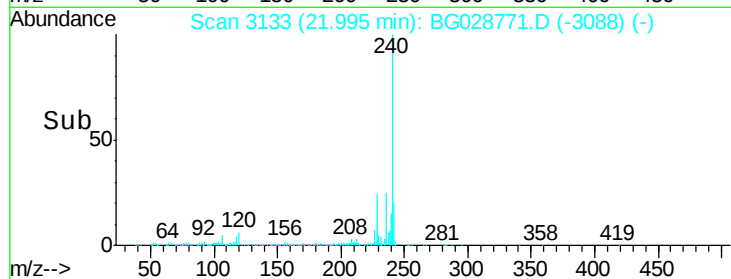
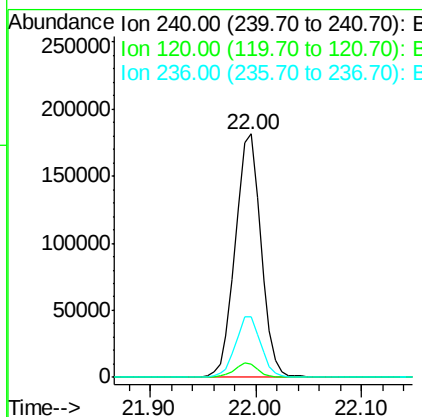
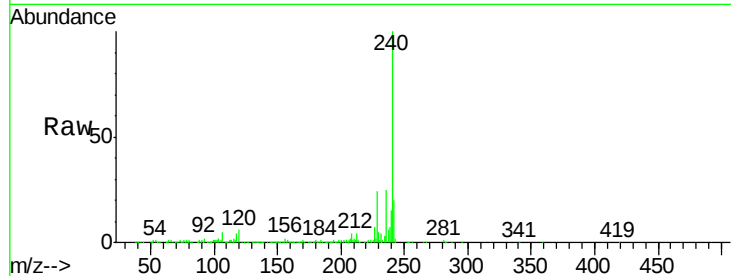
ClientSampleId :

C19013061MS

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	304653		
120	5.7	5.7	8.5#	
236	24.8	22.2	33.4	

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#76

Benzidine

Concen: 19.717 ng

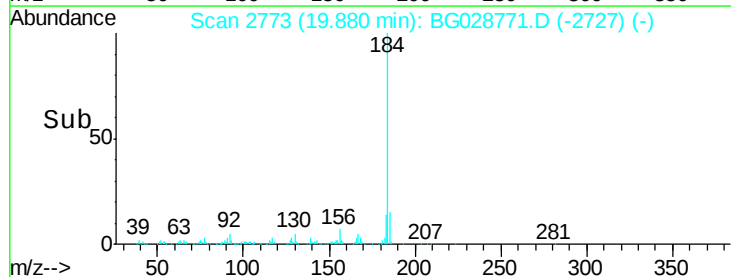
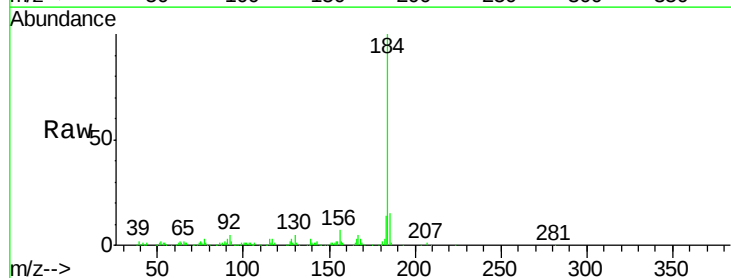
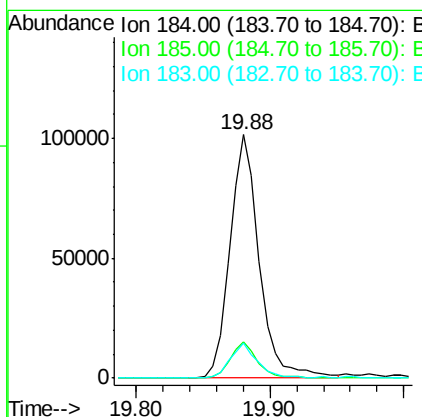
RT: 19.88 min Scan# 2773

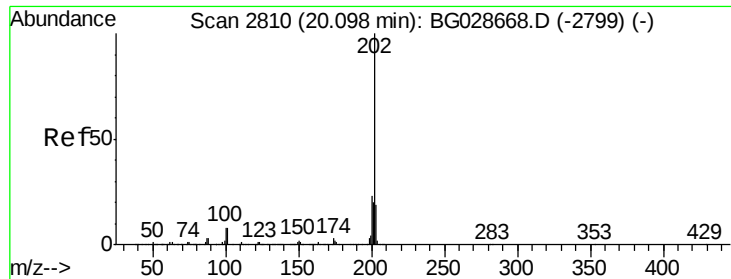
Delta R.T. -0.03 min

Lab File: BG028771.D

Acq: 15 Sep 2017 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	155770		
185	15.0	13.0	19.6	
183	14.1	11.0	16.6	





#77

Pyrene

Concen: 42.190 ng

RT: 20.07 min Scan# 2805

Delta R.T. -0.03 min

Lab File: BG028771.D

Acq: 15 Sep 2017 17:21

Instrument :

BNA_G

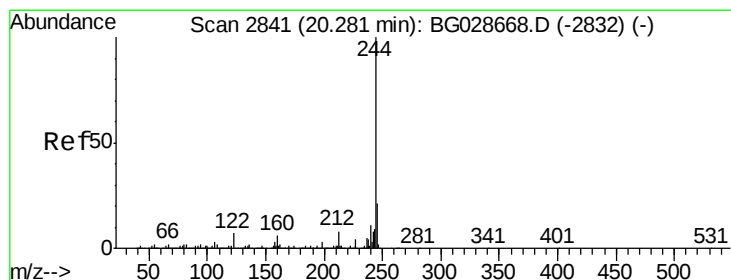
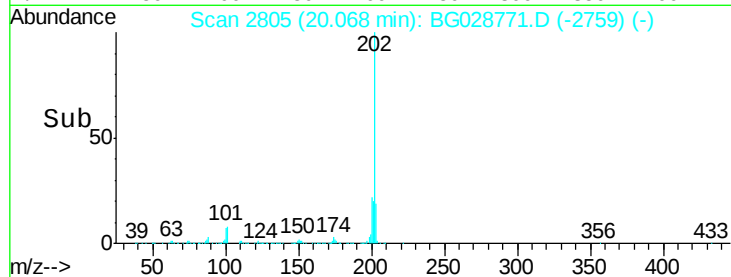
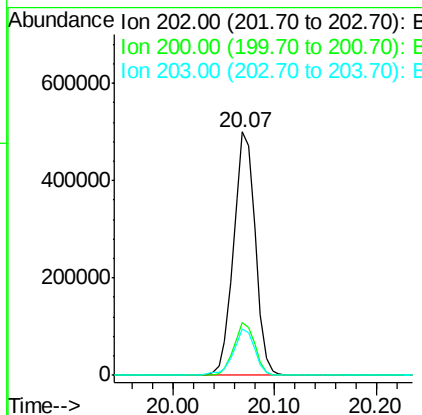
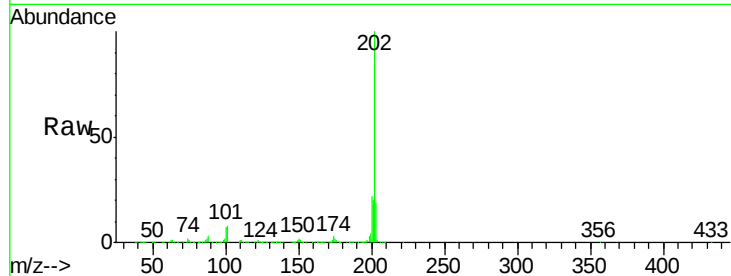
ClientSampleId :

C19013061MS

Tgt	Ion	202	Resp:	741380
	Ion	Ratio	Lower	Upper
	202	100		
	200	21.8	19.6	29.4
	203	19.2	15.8	23.8

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#78

Terphenyl-d14

Concen: 81.249 ng

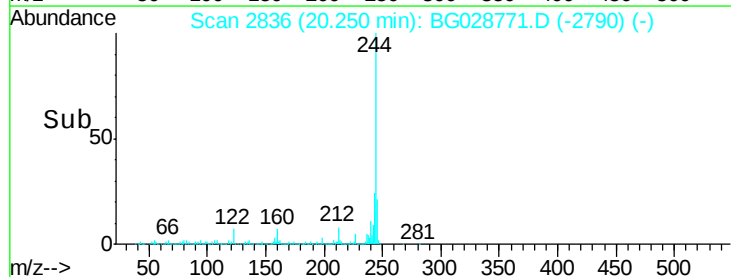
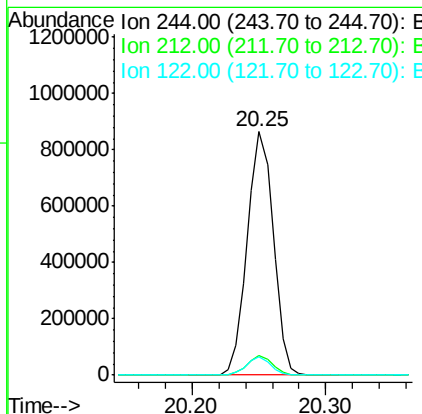
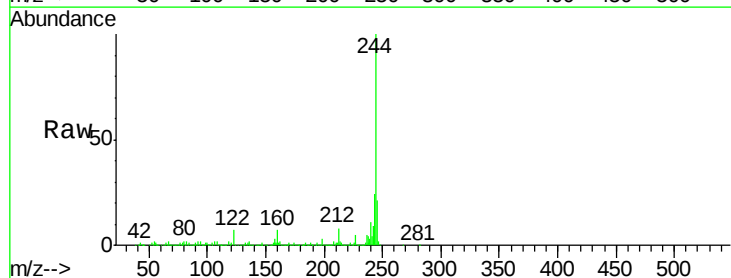
RT: 20.25 min Scan# 2836

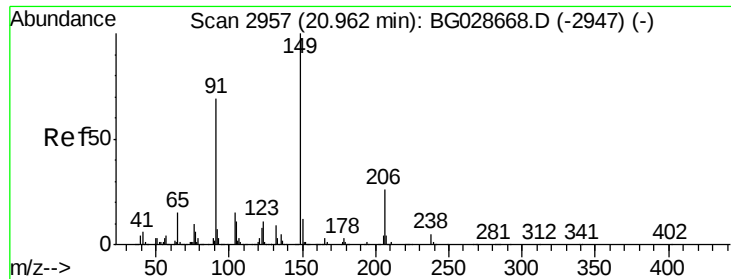
Delta R.T. -0.03 min

Lab File: BG028771.D

Acq: 15 Sep 2017 17:21

Tgt	Ion	244	Resp:	1160696
	Ion	Ratio	Lower	Upper
	244	100		
	212	8.1	10.0	15.0#
	122	7.3	8.6	12.8#





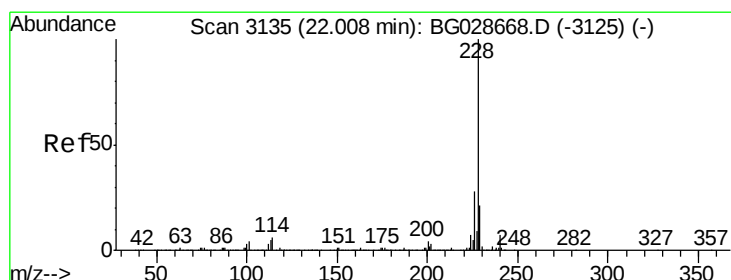
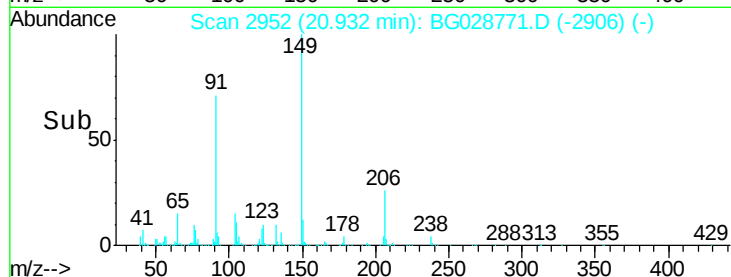
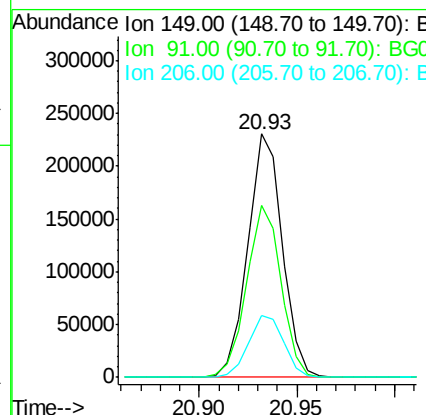
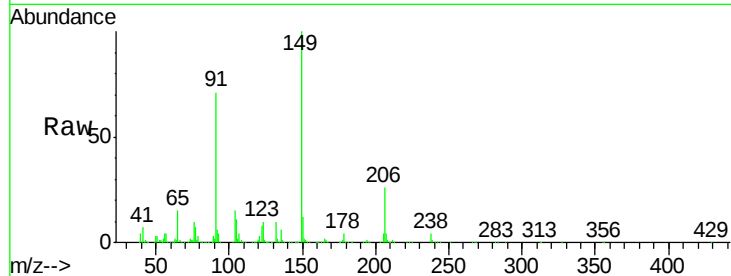
#79
Butylbenzylphthalate
Concen: 39.875 ng
RT: 20.93 min Scan# 2952
Delta R.T. -0.03 min
Lab File: BG028771.D
Acq: 15 Sep 2017 17:21

Instrument :
BNA_G
ClientSampleId :
C19013061MS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	282989		
91	70.7	63.5	95.3	
206	25.6	21.0	31.6	

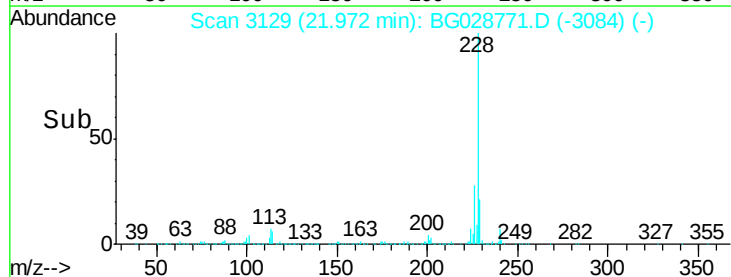
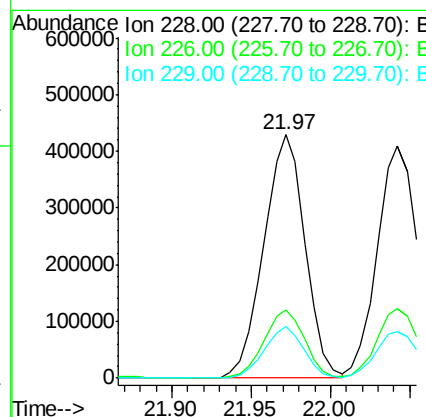
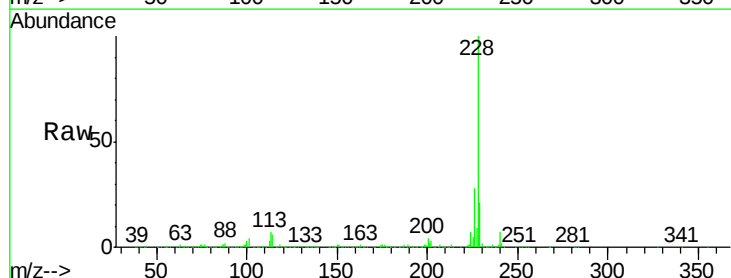
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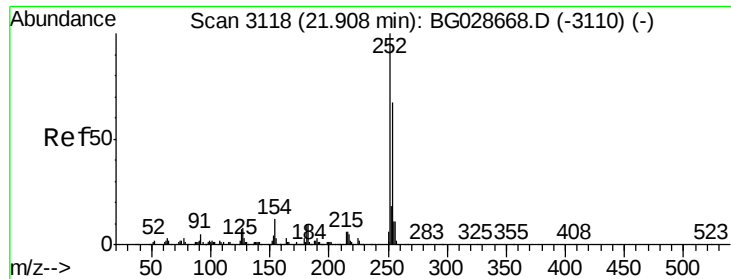
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#80
Benzo(a)anthracene
Concen: 42.200 ng
RT: 21.97 min Scan# 3129
Delta R.T. -0.04 min
Lab File: BG028771.D
Acq: 15 Sep 2017 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	773862		
226	28.1	24.9	37.3	
229	21.0	18.2	27.2	





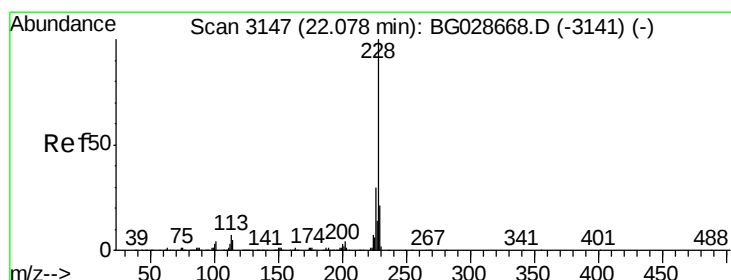
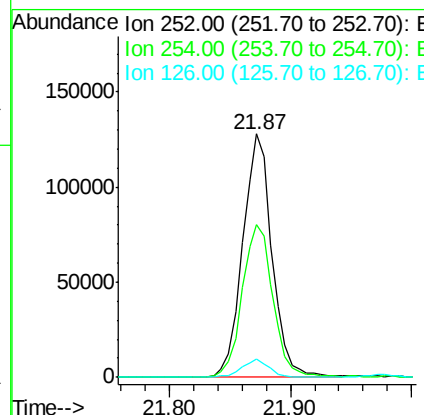
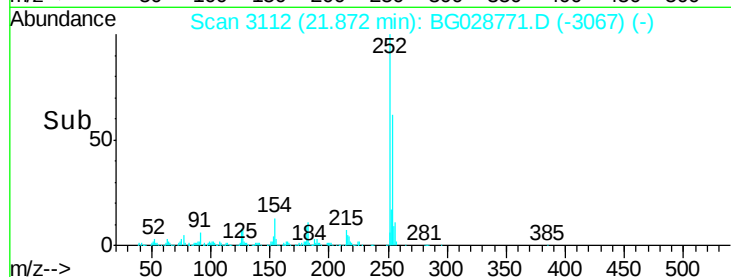
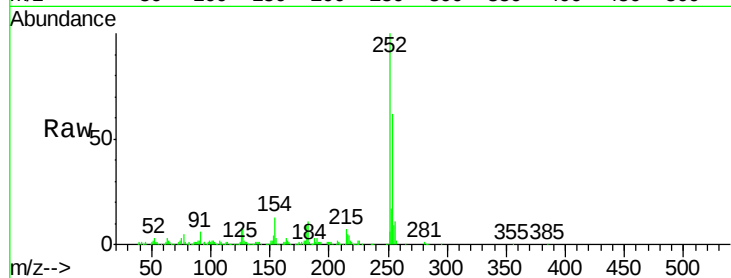
#81
 3,3'-Dichlorobenzidine
 Concen: 29.122 ng
 RT: 21.87 min Scan# 3112
 Delta R.T. -0.04 min
 Lab File: BG028771.D
 Acq: 15 Sep 2017 17:21

Instrument :
 BNA_G
 ClientSampleId :
 C19013061MS

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	216518		
254	62.5	53.1	79.7	
126	7.7	7.0	10.4	

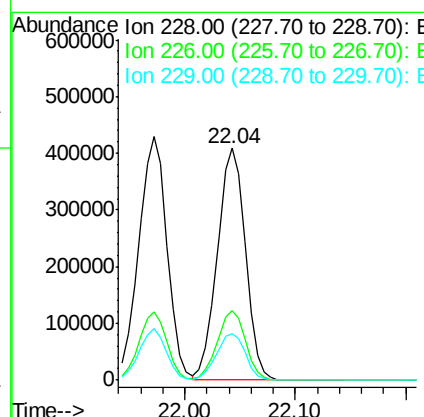
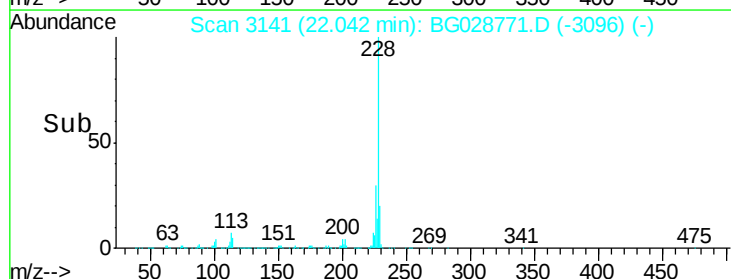
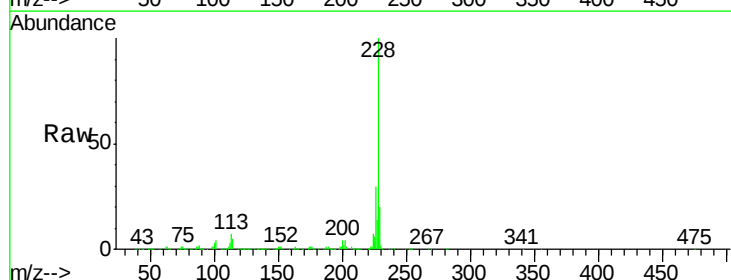
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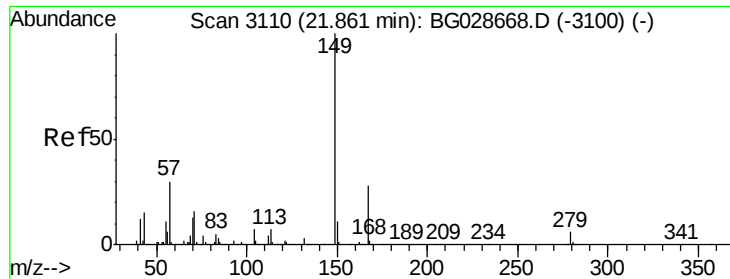
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#82
 Chrysene
 Concen: 41.368 ng
 RT: 22.04 min Scan# 3141
 Delta R.T. -0.04 min
 Lab File: BG028771.D
 Acq: 15 Sep 2017 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	719799		
226	29.7	27.0	40.4	
229	20.0	17.8	26.6	





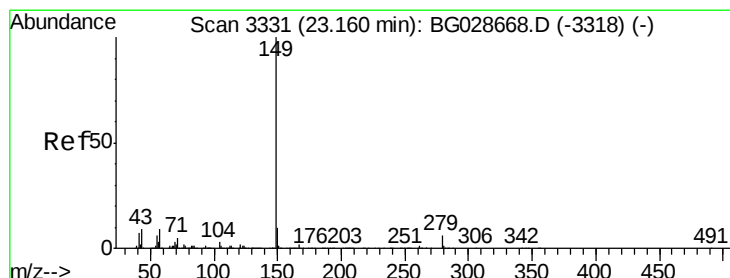
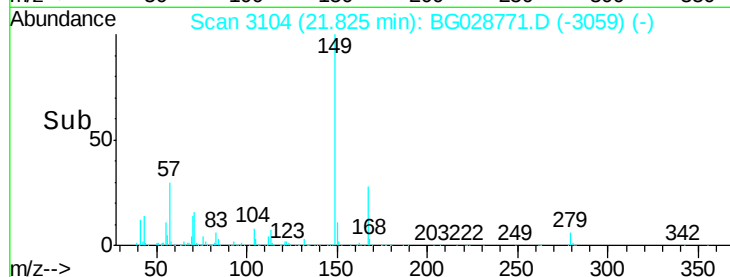
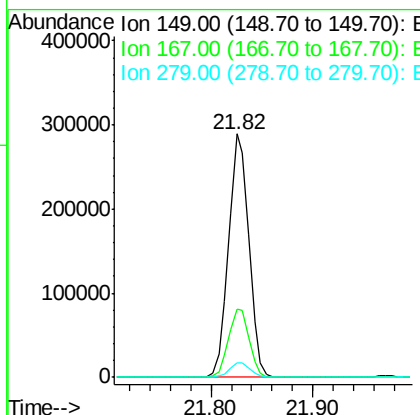
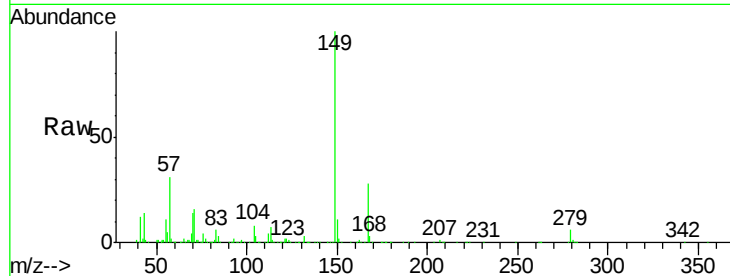
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.691 ng
 RT: 21.82 min Scan# 3104
 Delta R.T. -0.04 min
 Lab File: BG028771.D
 Acq: 15 Sep 2017 17:21

Instrument :
 BNA_G
 ClientSampleId :
 C19013061MS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	400466		
167	27.9	23.7	35.5	
279	5.9	4.6	6.8	

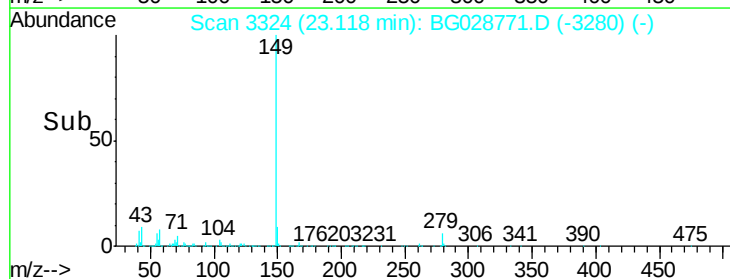
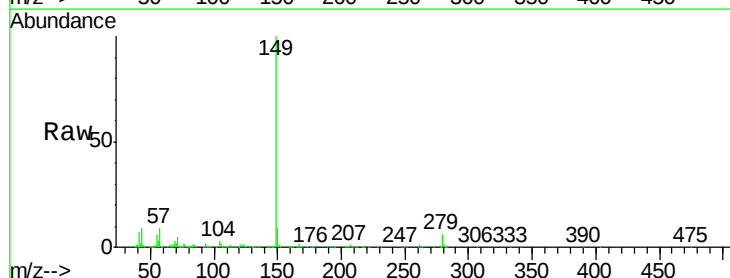
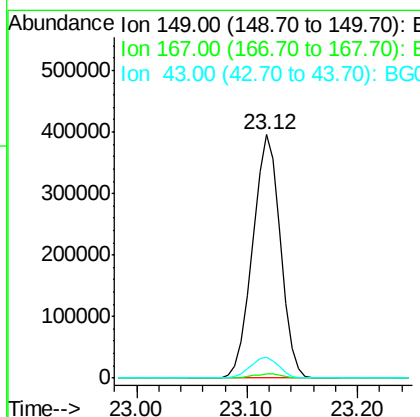
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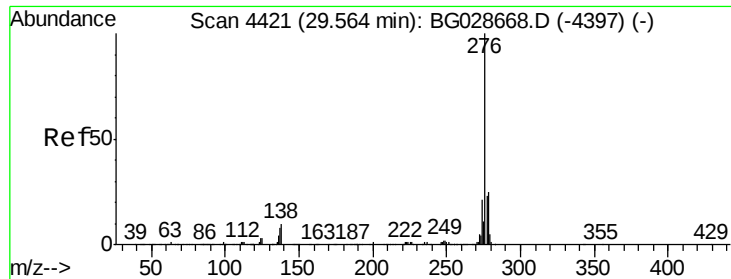
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#84
 Di-n-octyl phthalate
 Concen: 39.662 ng
 RT: 23.12 min Scan# 3324
 Delta R.T. -0.04 min
 Lab File: BG028771.D
 Acq: 15 Sep 2017 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	699157		
167	1.8	1.4	2.2	
43	9.0	11.8	17.6	





#85

Indeno(1,2,3-cd)pyrene

Concen: 41.319 ng

RT: 29.46 min Scan# 4403

Delta R.T. -0.11 min

Lab File: BG028771.D

Acq: 15 Sep 2017 17:21

Instrument :

BNA_G

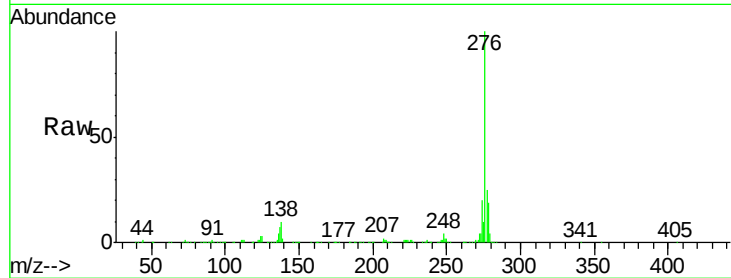
ClientSampleId :

C19013061MS

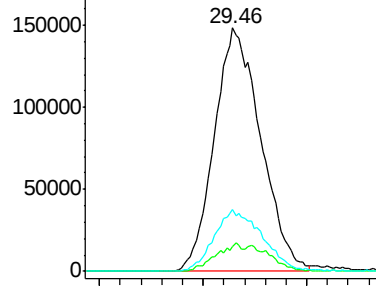
Tgt Ion:	276	Resp:	923733
Ion Ratio		Lower	Upper
276	100		
138	6.9	4.7	7.1
277	25.9	20.6	31.0

Manual Integrations
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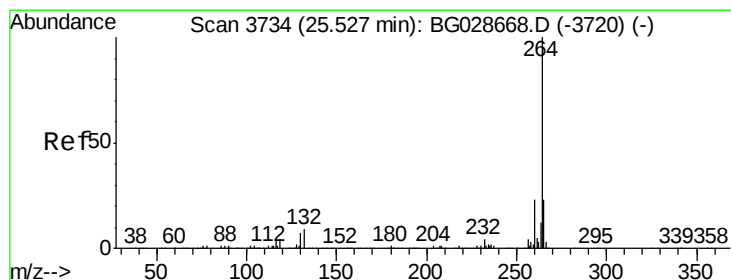
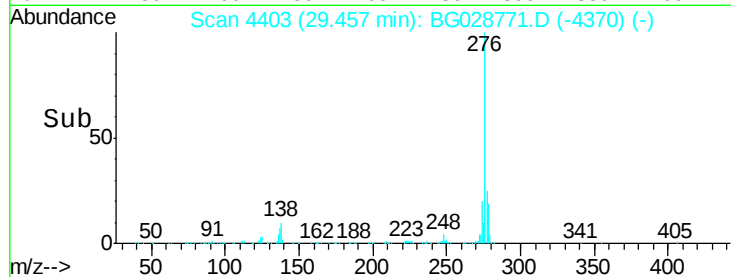
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Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



Time-->



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.46 min Scan# 3723

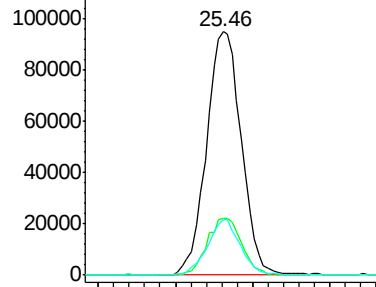
Delta R.T. -0.07 min

Lab File: BG028771.D

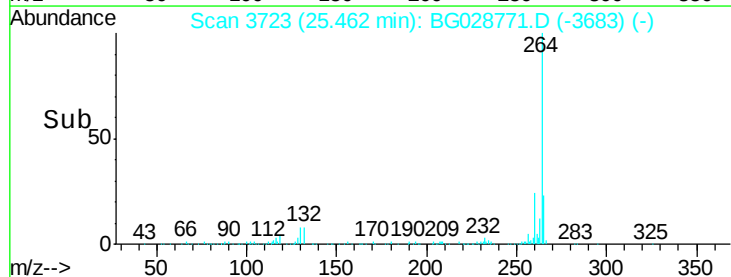
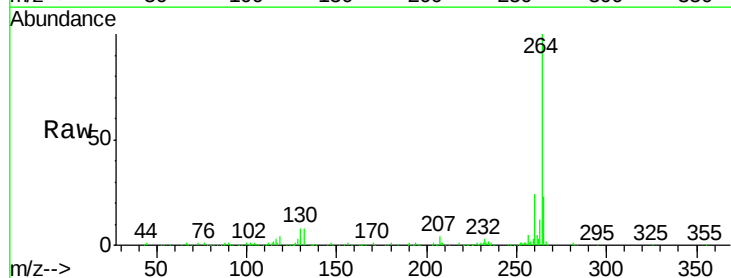
Acq: 15 Sep 2017 17:21

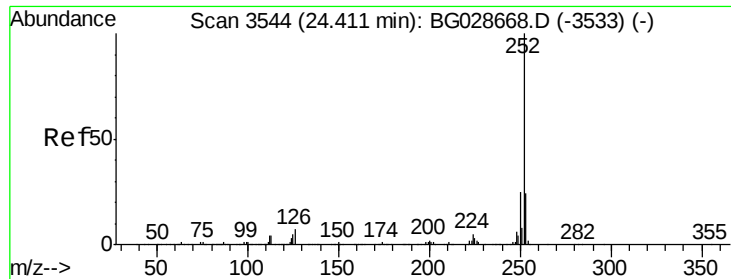
Tgt Ion:	264	Resp:	300156
Ion Ratio		Lower	Upper
264	100		
260	23.5	21.8	32.8
265	22.9	18.2	27.4

Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



Time-->





#87

Benzo(b)fluoranthene

Concen: 44.634 ng

RT: 24.36 min Scan# 3535

Delta R.T. -0.05 min

Lab File: BG028771.D

Acq: 15 Sep 2017 17:21

Instrument :

BNA_G

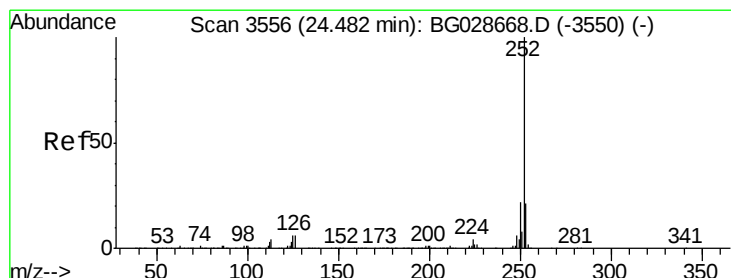
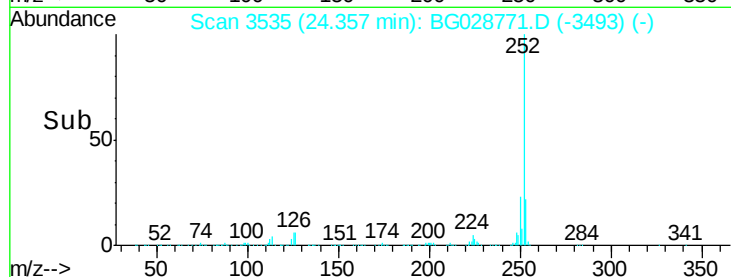
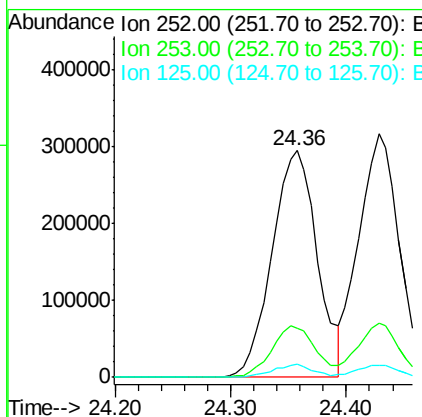
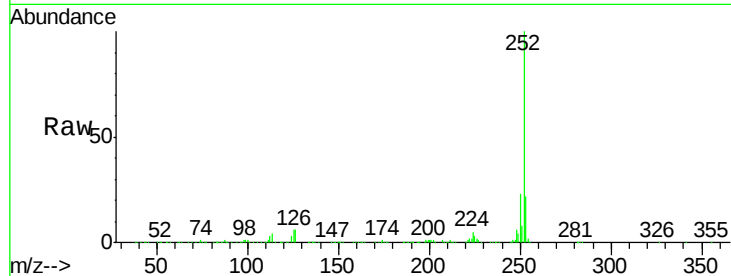
ClientSampleId :

C19013061MS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.7	28.1
125	5.9	5.3	7.9

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#88

Benzo(k)fluoranthene

Concen: 43.225 ng m

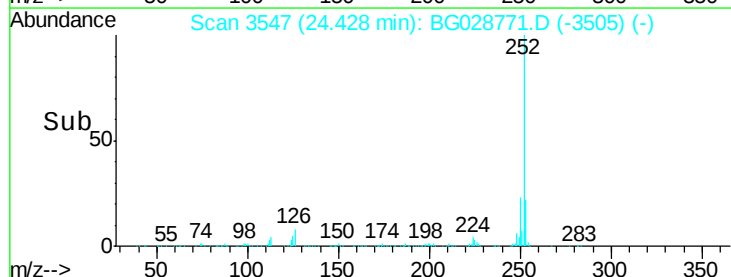
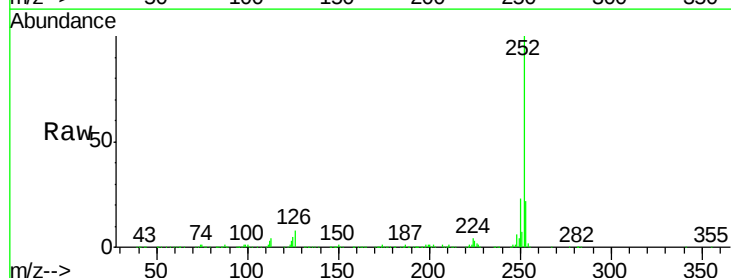
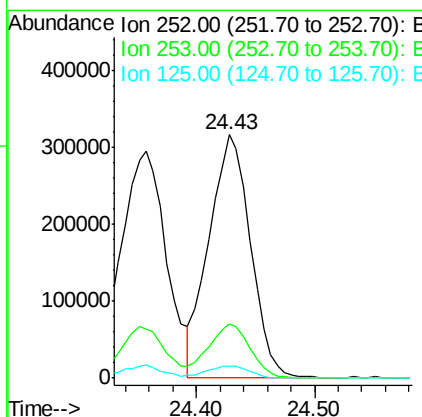
RT: 24.43 min Scan# 3547

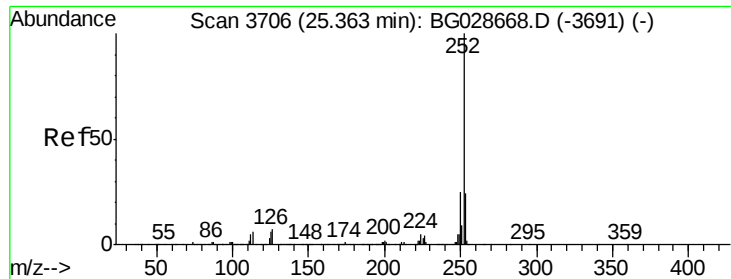
Delta R.T. -0.05 min

Lab File: BG028771.D

Acq: 15 Sep 2017 17:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	20.2	30.2
125	5.0	5.1	7.7#





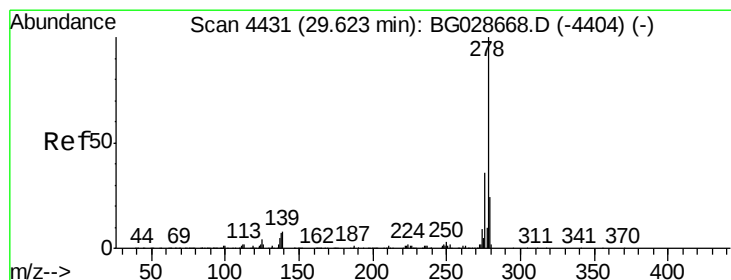
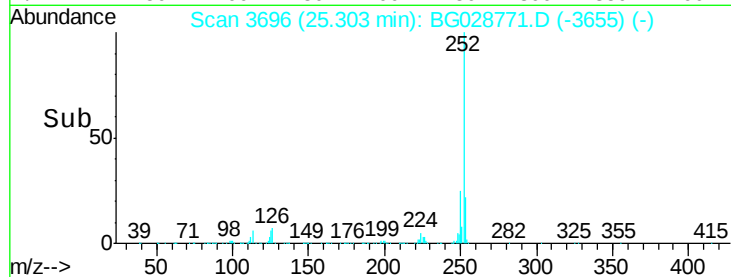
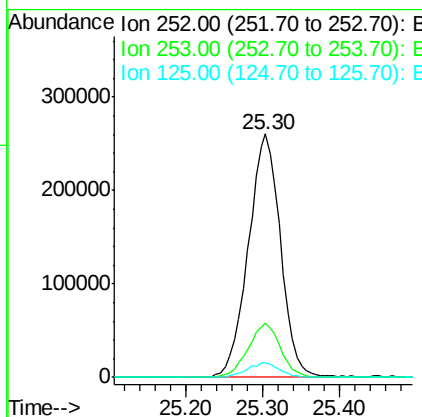
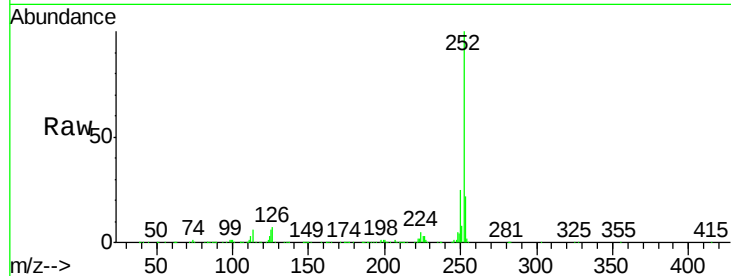
#89
Benzo(a)pyrene
Concen: 44.563 ng
RT: 25.30 min Scan# 3696
Delta R.T. -0.06 min
Lab File: BG028771.D
Acq: 15 Sep 2017 17:21

Instrument :
BNA_G
ClientSampleId :
C19013061MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	22.2	19.2	28.8
125	5.9	5.4	8.0

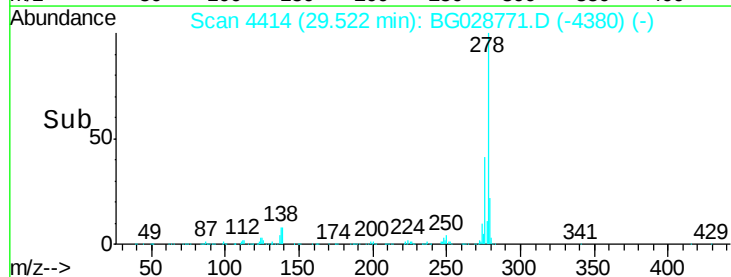
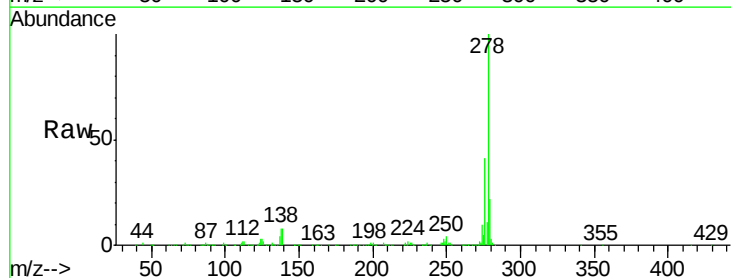
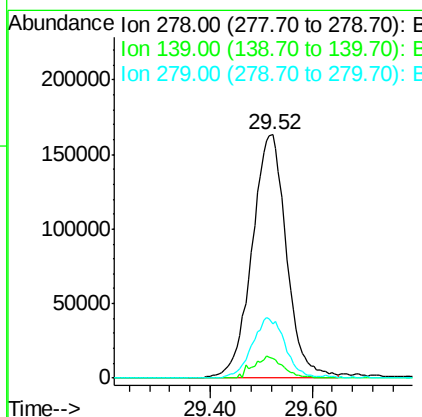
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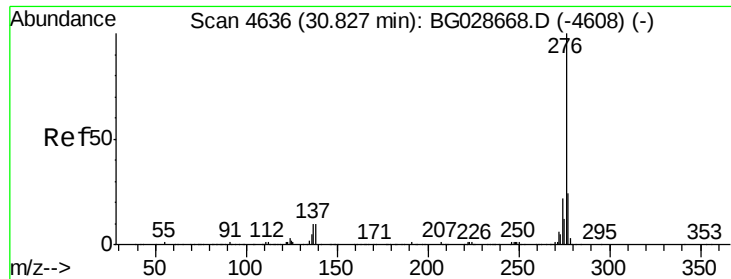
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 43.357 ng
RT: 29.52 min Scan# 4414
Delta R.T. -0.10 min
Lab File: BG028771.D
Acq: 15 Sep 2017 17:21

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	8.1	7.7	11.5
279	22.1	19.1	28.7





#91
 Benzo(g,h,i)perylene
 Concen: 43.890 ng
 RT: 30.71 min Scan# 4616
 Delta R.T. -0.12 min
 Lab File: BG028771.D
 Acq: 15 Sep 2017 17:21

Instrument :
 BNA_G
 ClientSampleId :
 C19013061MS

Tgt	Ion	276	Resp:	762108
	Ratio	100	Lower	Upper
	276	100		
	277	22.5	18.6	27.8
	138	9.9	8.1	12.1

Manual Integrations
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