

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102017\
 Data File : BG029398.D
 Acq On : 21 Oct 2017 19:21
 Operator : SJ/JU
 Sample : I6037-18MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RAV-GT104MSD

Manual Integrations
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Sohil
 10/23/2017 3:41:17 PM

Quant Time: Oct 21 23:23:32 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 16 17:32:15 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	59721	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	283092	20.00	ng	0.00
38) Acenaphthene-d10	14.78	164	190194	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	487742	20.00	ng	0.00
75) Chrysene-d12	21.79	240	524580	20.00	ng	0.00
86) Perylene-d12	25.09	264	562767	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.72	112	296027	82.81	ng	0.00
7) Phenol-d6	7.31	99	271023	54.01	ng	0.00
23) Nitrobenzene-d5	9.33	82	425028	95.41	ng	0.00
41) 2,4,6-Tribromophenol	16.27	330	405366	165.08	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1152251	88.85	ng	0.00
78) Terphenyl-d14	20.11	244	1961233	85.05	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.58	88	31598	21.785	ng	86
3) Pyridine	3.98	79	67547	15.992	ng	88
4) n-Nitrosodimethylamine	3.90	42	42784	21.669	ng	# 93
6) Aniline	7.48	93	127100	20.455	ng	96
8) 2-Chlorophenol	7.73	128	159764	38.989	ng	94
9) Benzaldehyde	7.29	77	147581	58.473	ng	94
10) Phenol	7.34	94	97057	17.941	ng	97
11) bis(2-Chloroethyl)ether	7.57	93	175554	44.540	ng	93
12) 1,3-Dichlorobenzene	8.06	146	175429	38.133	ng	97
13) 1,4-Dichlorobenzene	8.20	146	175946	37.459	ng	95
14) 1,2-Dichlorobenzene	8.52	146	174679	38.557	ng	99
15) Benzyl Alcohol	8.40	79	122819	34.732	ng	91
16) 2,2'-oxybis(1-Chloropropan	8.69	45	293944	43.913	ng	96
17) 2-Methylphenol	8.60	107	125635	34.960	ng	95
18) Hexachloroethane	9.25	117	59374	37.093	ng	99
19) n-Nitroso-di-n-propylamine	8.97	70	152299	44.637	ng	# 96
20) 3+4-Methylphenols	8.93	107	160381	31.673	ng	94
22) Acetophenone	8.99	105	280321	41.088	ng	# 93
24) Nitrobenzene	9.37	77	215553	43.034	ng	93
25) Isophorone	9.89	82	428862	46.114	ng	# 94
26) 2-Nitrophenol	10.09	139	108651	45.386	ng	90
27) 2,4-Dimethylphenol	10.14	122	178898	41.303	ng	92
28) bis(2-Chloroethoxy)methane	10.38	93	264249	46.338	ng	96
29) 2,4-Dichlorophenol	10.62	162	206916	44.799	ng	94
30) 1,2,4-Trichlorobenzene	10.84	180	208864	41.857	ng	96
31) Naphthalene	11.03	128	577317	40.919	ng	98
32) Benzoic acid	10.23	122	50417	13.902	ng	# 79
33) 4-Chloroaniline	11.13	127	110883	18.684	ng	95
34) Hexachlorobutadiene	11.32	225	125116	40.328	ng	97
35) Caprolactam	11.90	113	16186m	10.544	ng	
36) 4-Chloro-3-methylphenol	12.24	107	213216	41.972	ng	# 88
37) 2-Methylnaphthalene	12.63	142	469813	45.689	ng	93
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	259719	37.402	ng	98
40) Hexachlorocyclopentadiene	12.97	237	309264	115.378	ng	92

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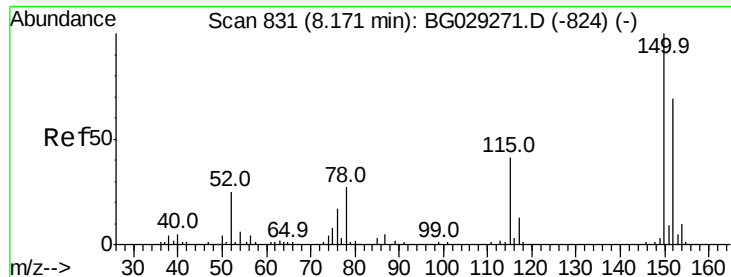
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.22	196	188786	43.308	nq	96
43) 2,4,5-Trichlorophenol	13.30	196	211098	47.154	nq	95
45) 1,1'-Biphenyl	13.62	154	636869	38.957	nq	97
46) 2-Chloronaphthalene	13.67	162	502272	42.122	nq	97
47) 2-Nitroaniline	13.86	65	164596	50.254	nq	89
48) Acenaphthylene	14.51	152	797539	42.736	nq	98
49) Dimethylphthalate	14.23	163	689667	46.475	nq	99
50) 2,6-Dinitrotoluene	14.35	165	157610	50.665	nq #	79
51) Acenaphthene	14.85	154	497965	41.011	nq	97
52) 3-Nitroaniline	14.68	138	78132	23.276	nq #	83
53) 2,4-Dinitrophenol	14.89	184	173894	99.730	nq #	52
54) Dibenzofuran	15.18	168	808396	46.637	nq	99
55) 4-Nitrophenol	14.98	139	124111	44.847	nq #	81
56) 2,4-Dinitrotoluene	15.14	165	224122	53.222	nq #	80
57) Fluorene	15.83	166	643839	44.962	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.40	232	209179	56.006	nq	95
59) Diethylphthalate	15.58	149	704169	47.615	nq	99
60) 4-Chlorophenyl-phenylether	15.81	204	363571	47.621	nq	94
61) 4-Nitroaniline	15.84	138	157134	45.588	nq	88
62) Azobenzene	16.10	77	614371	49.264	nq	98
64) 4,6-Dinitro-2-methylphenol	15.90	198	118630	43.315	nq	84
65) n-Nitrosodiphenylamine	16.03	169	610019	41.751	nq	99
66) 4-Bromophenyl-phenylether	16.70	248	250679	44.790	nq	99
67) Hexachlorobenzene	16.83	284	267267	42.158	nq	97
68) Atrazine	16.97	200	244578	46.914	nq	99
69) Pentachlorophenol	17.17	266	328432	90.184	nq	96
70) Phenanthrene	17.56	178	1080916	42.899	nq	97
71) Anthracene	17.66	178	1119156	44.234	nq	99
72) Carbazole	17.92	167	1038032	42.709	nq	98
73) Di-n-butylphthalate	18.47	149	1220846	43.675	nq	99
74) Fluoranthene	19.56	202	1346829	45.700	nq	96
76) Benzidine	19.73	184	445792	28.145	nq	99
77) Pyrene	19.92	202	1389718	43.672	nq	95
79) Butylbenzylphthalate	20.79	149	586892	43.289	nq	88
80) Benzo(a)anthracene	21.77	228	1393109	45.232	nq	97
81) 3,3'-Dichlorobenzidine	21.68	252	286597	22.545	nq	99
82) Chrysene	21.84	228	1312651	44.503	nq	96
83) Bis(2-ethylhexyl)phthalate	21.66	149	818903	42.088	nq	99
84) Di-n-octyl phthalate	22.90	149	1399838	41.281	nq	97
85) Indeno(1,2,3-cd)pyrene	28.88	276	1727247	47.599	nq	98
87) Benzo(b)fluoranthene	24.05	252	1497491	46.479	nq	98
88) Benzo(k)fluoranthene	24.12	252	1395487	43.475	nq	98
89) Benzo(a)pyrene	24.95	252	1411618	45.575	nq	99
90) Dibenzo(a,h)anthracene	28.95	278	1444132	46.054	nq	98
91) Benzo(g,h,i)perylene	30.07	276	1443852	49.556	nq	98

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



#1

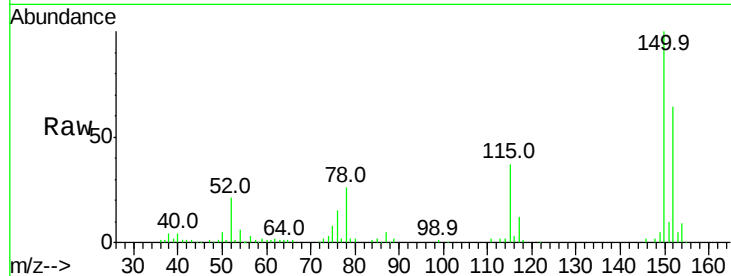
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 830
Delta R.T. -0.00 min
Lab File: BG029398.D
Acq: 21 Oct 2017 19:21

Instrument :
BNA_G
ClientSampleId :
RAV-GT104MSD

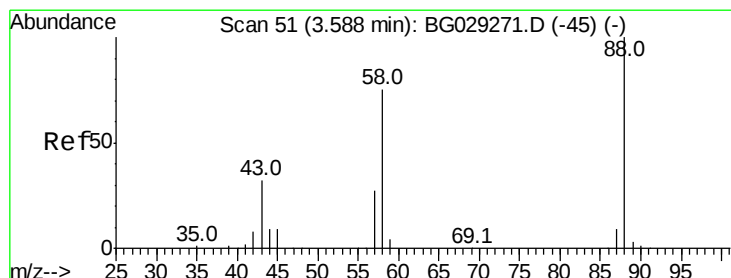
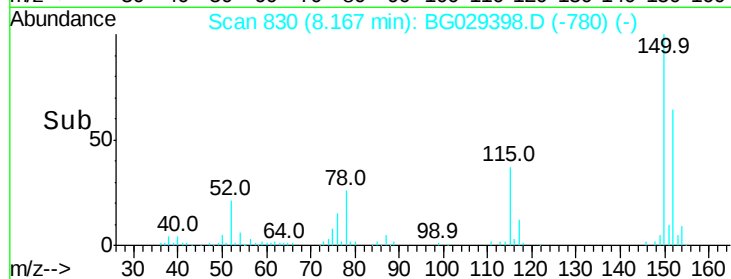
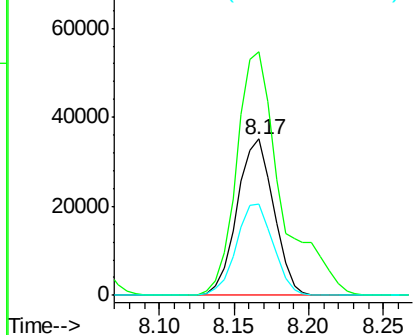
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.0	126.6	189.8
115	58.4	53.0	79.4

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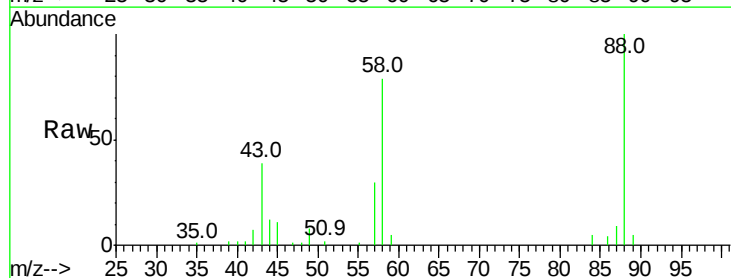
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



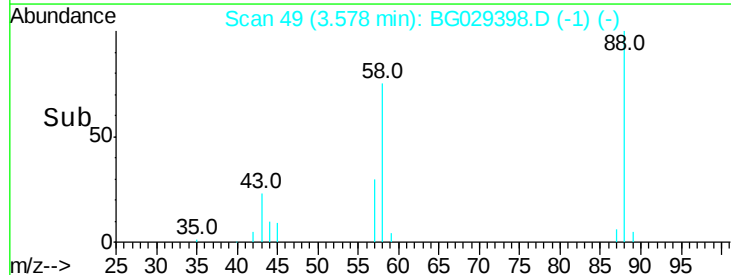
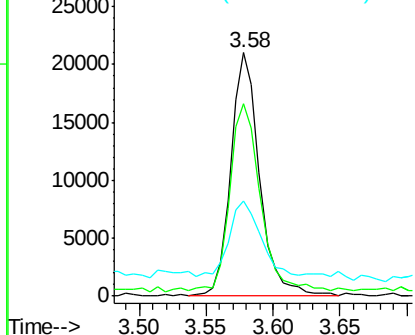
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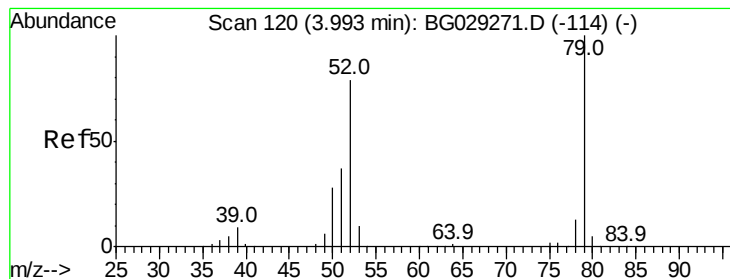
1,4-Dioxane
Concen: 21.785 ng
RT: 3.58 min Scan# 49
Delta R.T. -0.01 min
Lab File: BG029398.D
Acq: 21 Oct 2017 19:21

Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.9	79.6	119.4
43	33.5	27.4	41.0



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 15.992 ng

RT: 3.98 min Scan# 118

Delta R.T. -0.01 min

Lab File: BG029398.D

Acq: 21 Oct 2017 19:21

Instrument :

BNA_G

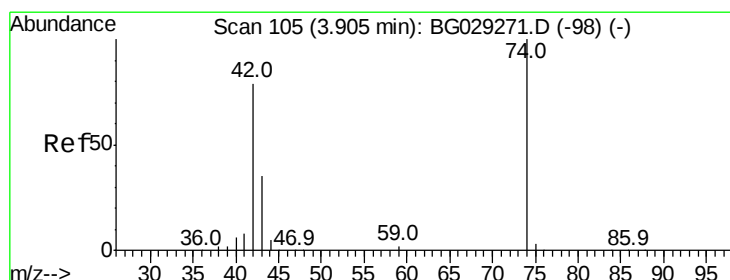
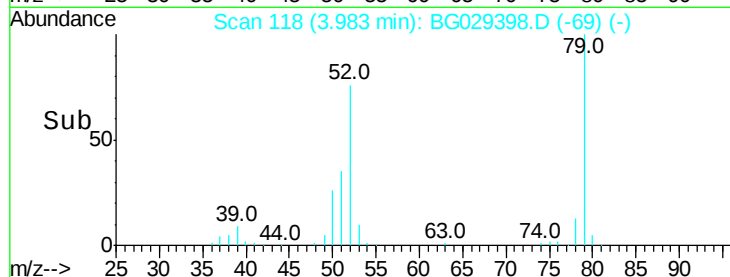
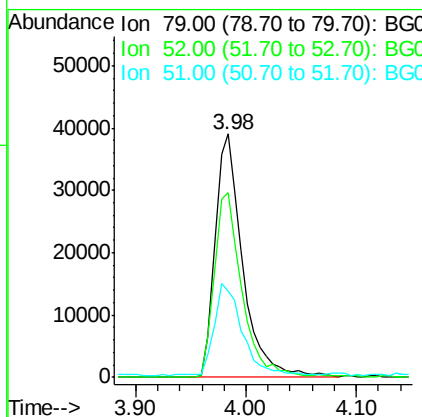
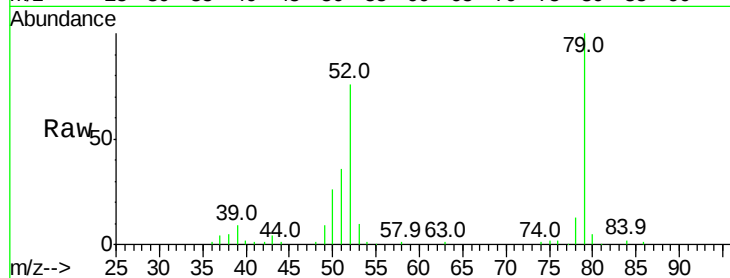
ClientSampleId :

RAV-GT104MSD

Tot Ion:	79	Resp:	67547
Ion Ratio	Lower	Upper	
79	100		
52	76.1	69.9	104.9
51	35.6	34.0	51.0

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#4

n-Nitrosodimethylamine

Concen: 21.669 ng

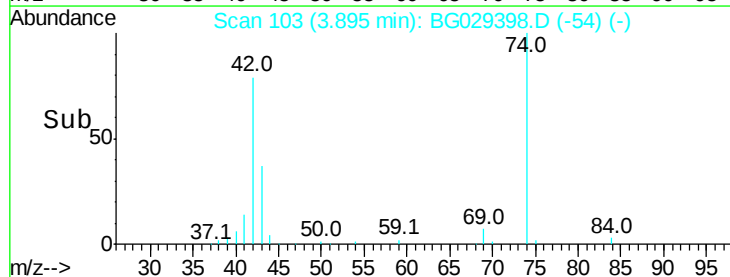
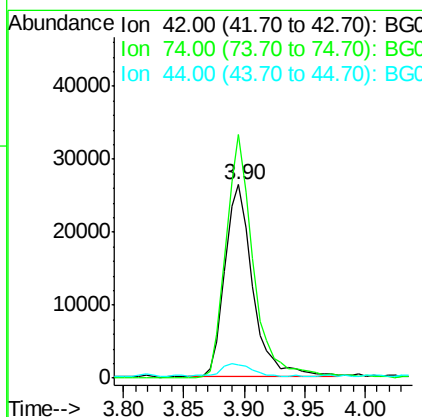
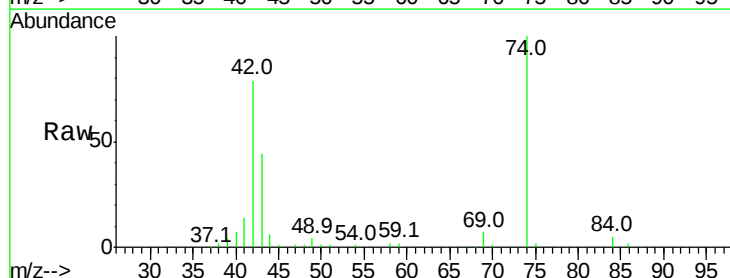
RT: 3.90 min Scan# 103

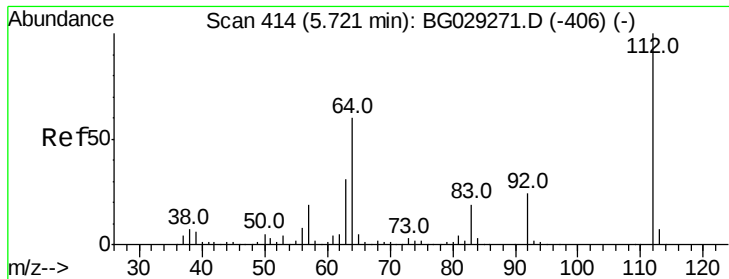
Delta R.T. -0.01 min

Lab File: BG029398.D

Acq: 21 Oct 2017 19:21

Tgt Ion:	42	Resp:	42784
Ion Ratio	Lower	Upper	
42	100		
74	125.9	102.5	153.7
44	7.1	18.9	28.3#





#5

2-Fluorophenol

Concen: 82.807 ng

RT: 5.72 min Scan# 413

Delta R.T. -0.00 min

Lab File: BG029398.D

Acq: 21 Oct 2017 19:21

Instrument :

BNA_G

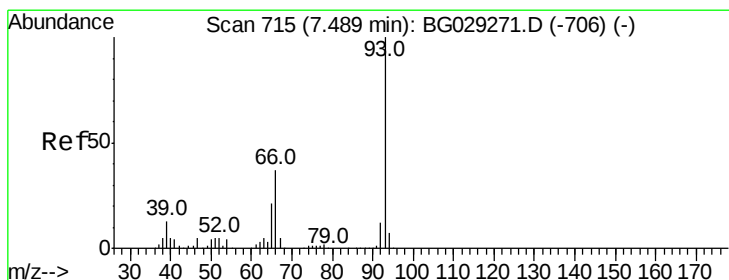
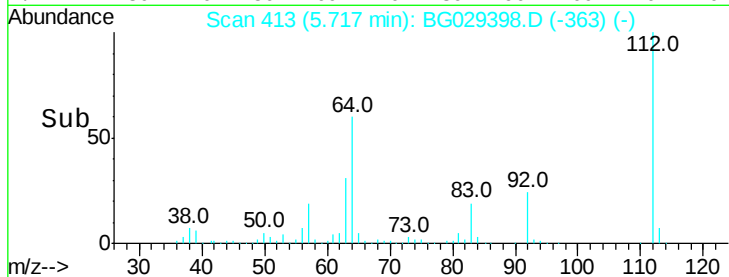
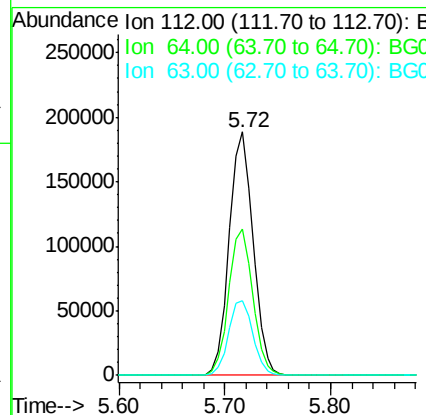
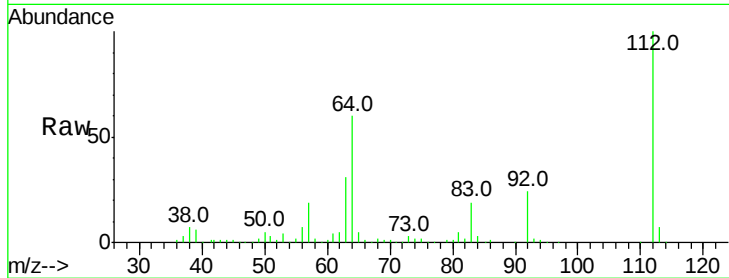
ClientSampleId :

RAV-GT104MSD

Tot Ion:	112	Resp:	296027
Ion Ratio	Lower	Upper	
112	100		
64	59.8	56.3	84.5
63	30.8	30.1	45.1

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#6

Aniline

Concen: 20.455 ng

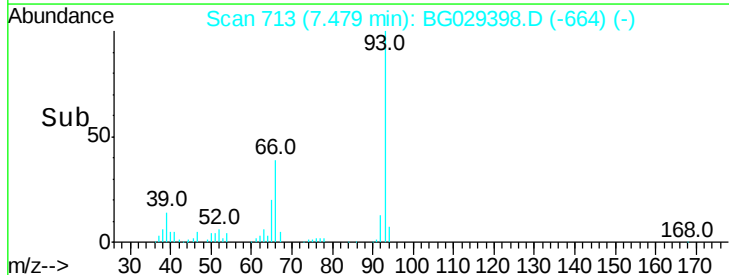
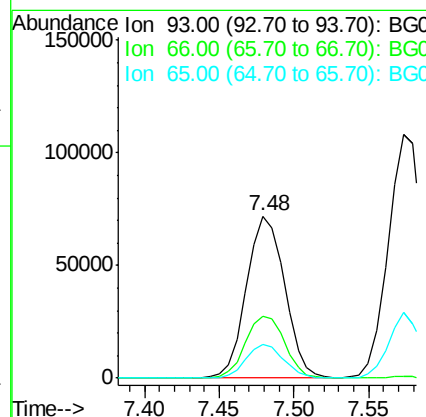
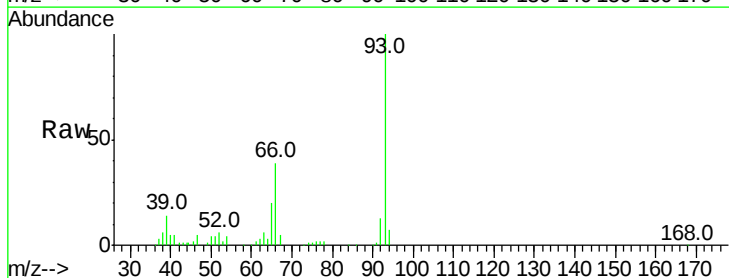
RT: 7.48 min Scan# 713

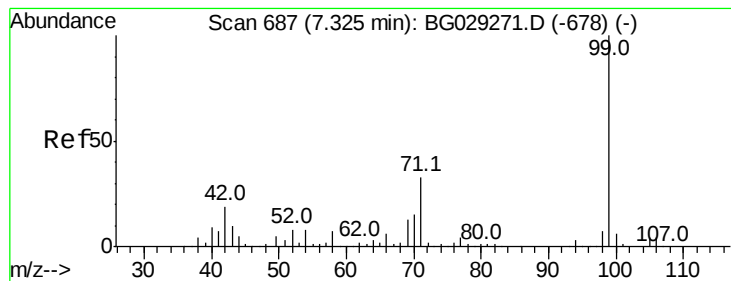
Delta R.T. -0.01 min

Lab File: BG029398.D

Acq: 21 Oct 2017 19:21

Tgt Ion:	93	Resp:	127100
Ion Ratio	Lower	Upper	
93	100		
66	38.6	33.7	50.5
65	20.4	16.1	24.1





#7

Phenol-d6

Concen: 54.011 ng

RT: 7.31 min Scan# 685

Delta R.T. -0.01 min

Lab File: BG029398.D

Acq: 21 Oct 2017 19:21

Instrument :

BNA_G

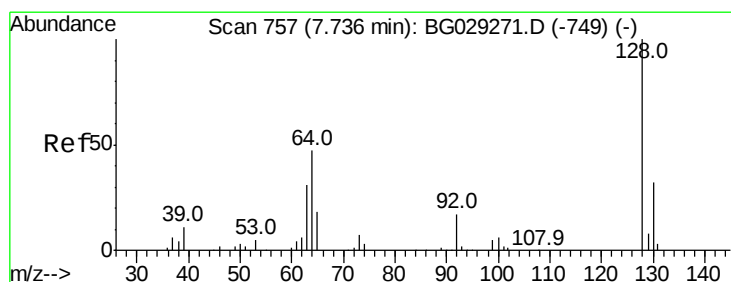
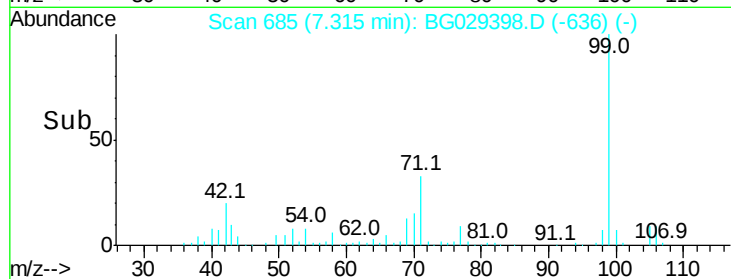
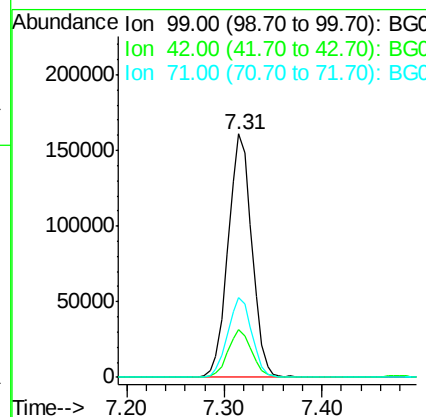
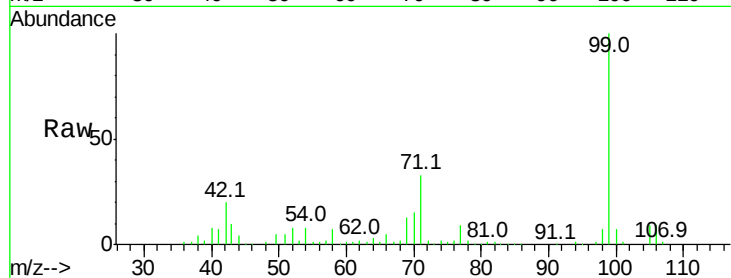
ClientSampleId :

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		271023		
42	19.7	14.1	21.1		
71	32.9	26.1	39.1		

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#8

2-Chlorophenol

Concen: 38.989 ng

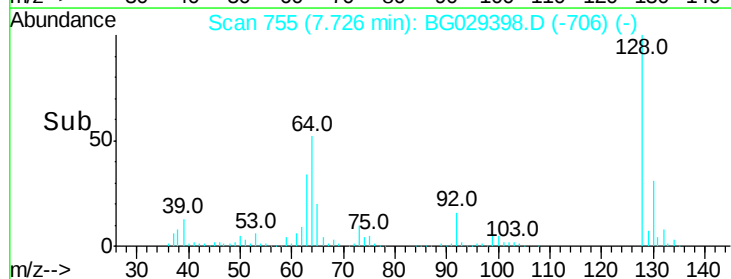
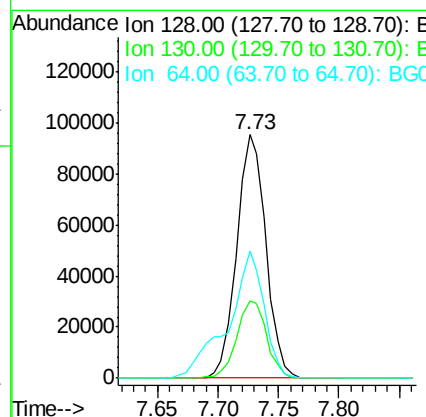
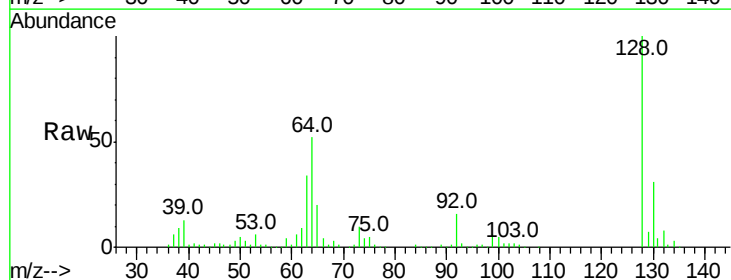
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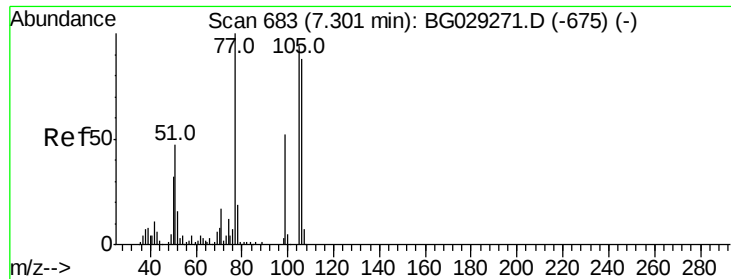
Delta R.T. -0.01 min

Lab File: BG029398.D

Acq: 21 Oct 2017 19:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		159764		
130	31.5	14.0	54.0		
64	52.1	37.7	77.7		





#9

Benzaldehyde

Concen: 58.473 ng

RT: 7.29 min Scan# 681

Delta R.T. -0.01 min

Lab File: BG029398.D

Acq: 21 Oct 2017 19:21

Instrument :

BNA_G

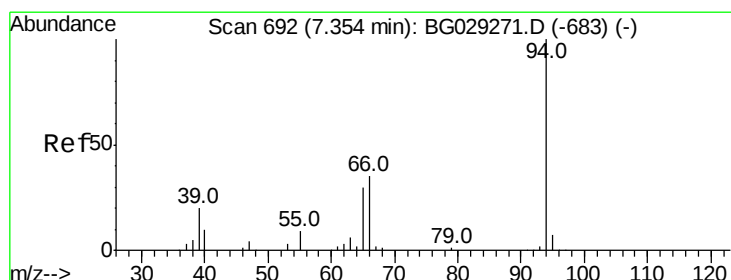
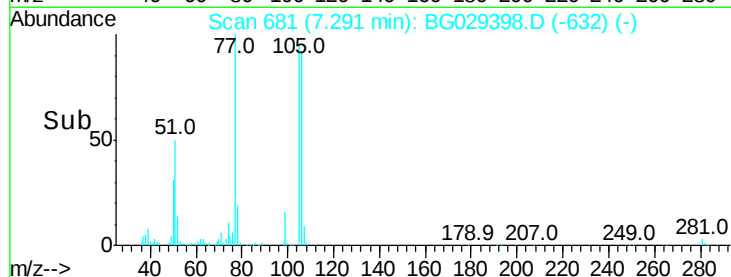
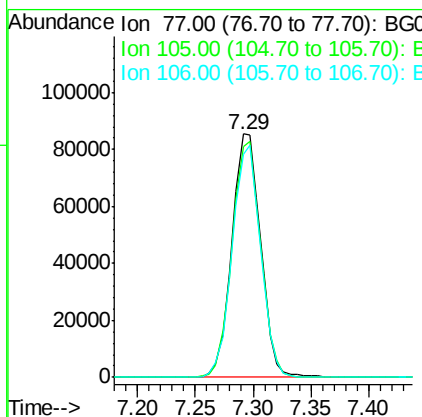
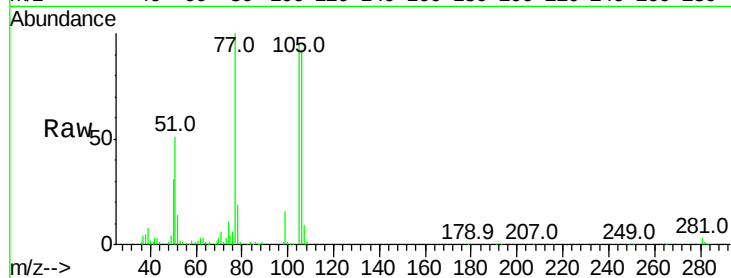
ClientSampleId :

RAV-GT104MSD

Tot Ion:	77	Resp:	147581
Ion Ratio	Lower	Upper	
77	100		
105	94.8	71.3	111.3
106	91.6	64.2	104.2

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#10

Phenol

Concen: 17.941 ng

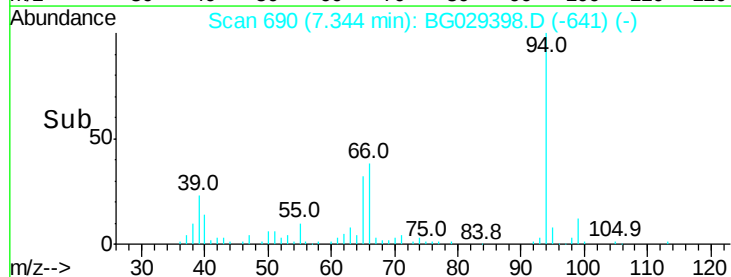
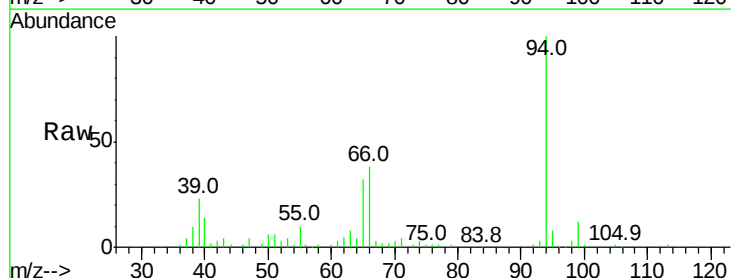
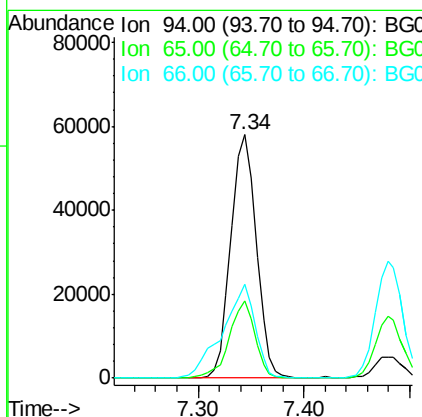
RT: 7.34 min Scan# 690

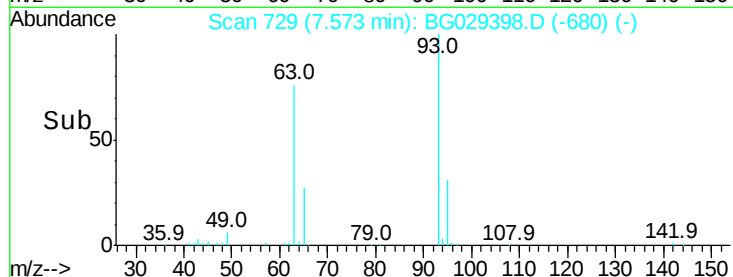
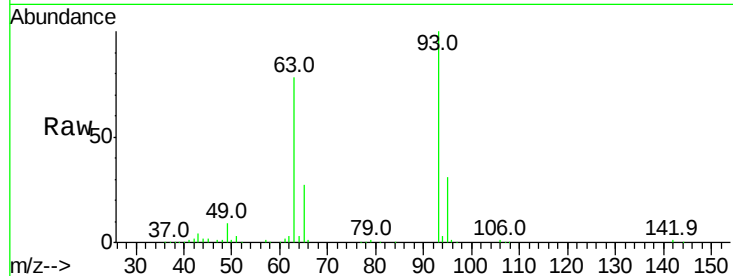
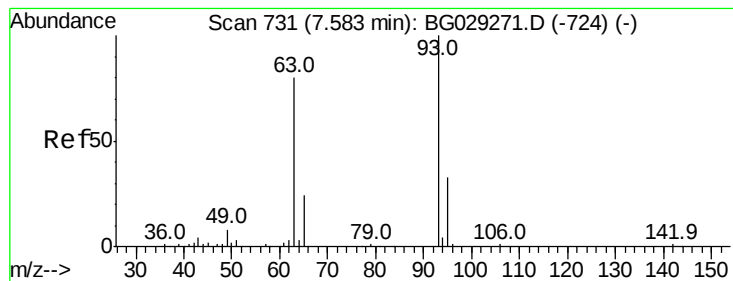
Delta R.T. -0.01 min

Lab File: BG029398.D

Acq: 21 Oct 2017 19:21

Tgt Ion:	94	Resp:	97057
Ion Ratio	Lower	Upper	
94	100		
65	31.9	11.9	51.9
66	38.4	22.2	62.2





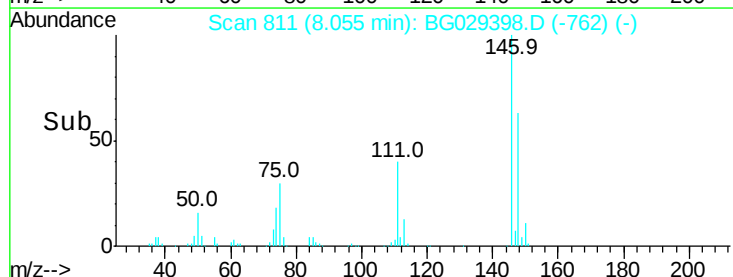
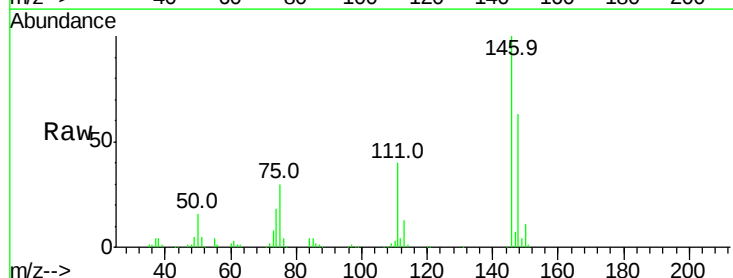
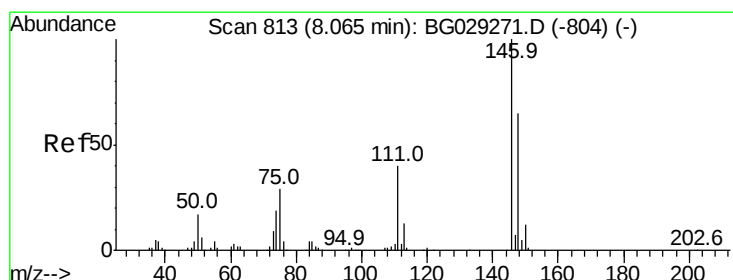
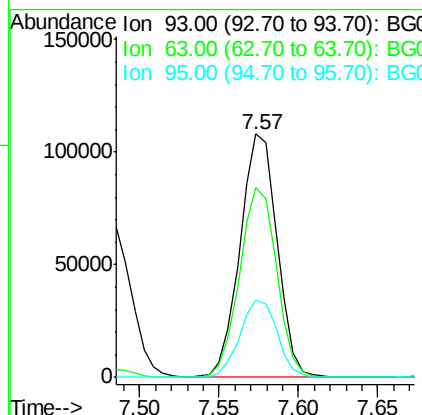
#11
bis(2-Chloroethyl)ether
Concen: 44.540 ng
RT: 7.57 min Scan# 729
Delta R.T. -0.01 min
Lab File: BG029398.D
Acq: 21 Oct 2017 19:21

Tot Ion	Ratio	Resp	Lower	Upper
93	100	175554		
63	77.9		67.1	107.1
95	31.5		11.5	51.5

Instrument :
BNA_G
ClientSampleId :
RAV-GT104MSD

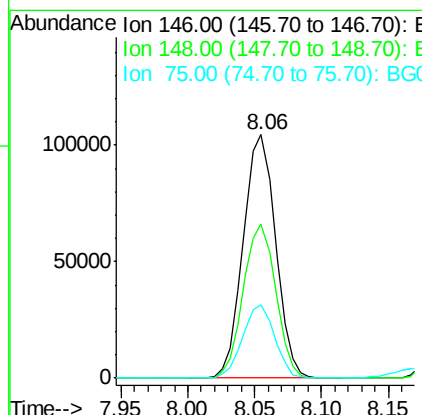
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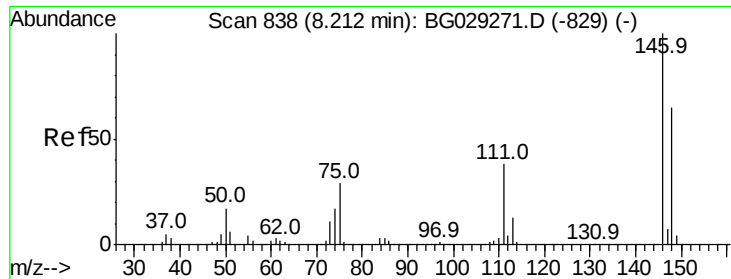
Sohil
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#12
1,3-Dichlorobenzene
Concen: 38.133 ng
RT: 8.06 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG029398.D
Acq: 21 Oct 2017 19:21

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	175429		
148	63.3		51.4	77.2
75	30.1		26.6	39.8





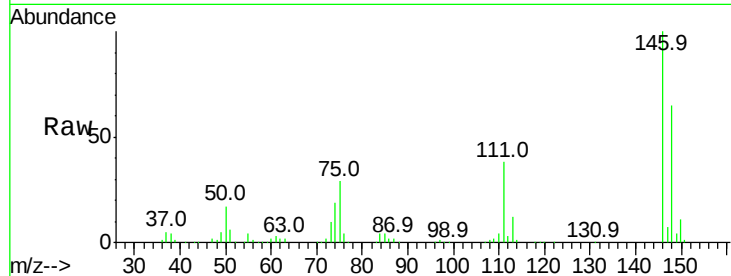
#13
 1,4-Dichlorobenzene
 Concen: 37.459 ng
 RT: 8.20 min Scan# 836
 Delta R.T. -0.01 min
 Lab File: BG029398.D
 Acq: 21 Oct 2017 19:21

Instrument :
 BNA_G
 ClientSampleId :
 RAV-GT104MSD

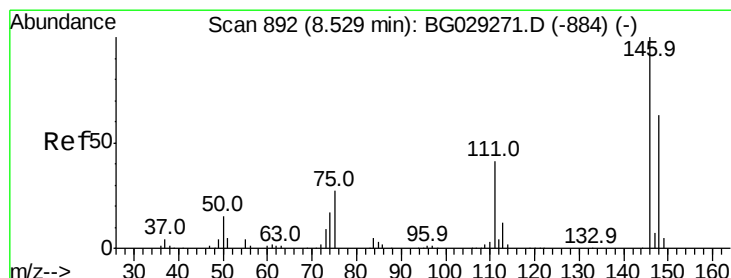
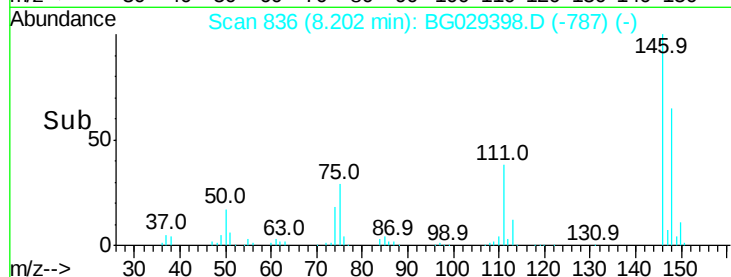
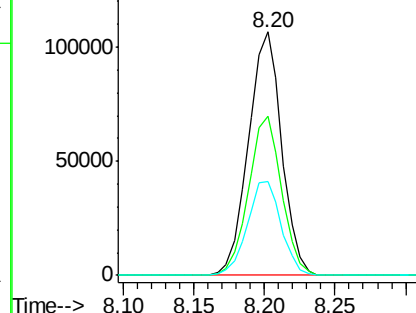
Tot Ion	Ratio	Lower	Upper
146	100		
148	65.3	53.7	80.5
111	38.3	35.2	52.8

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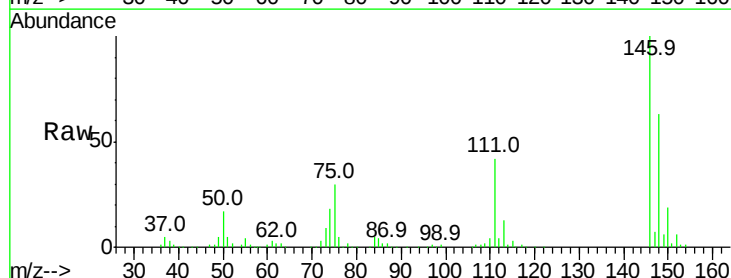


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

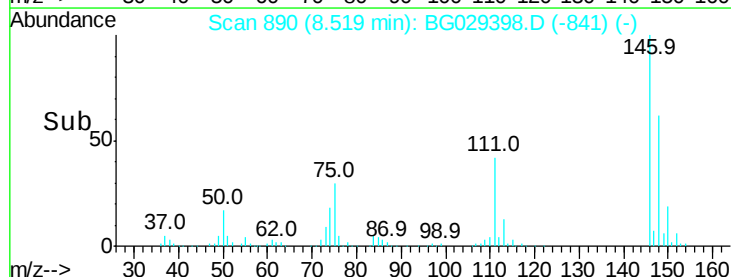
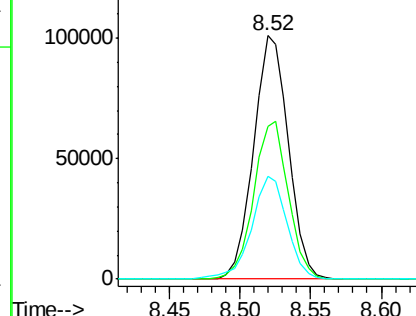


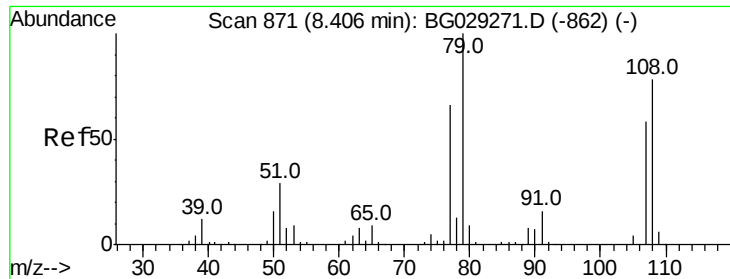
#14
 1,2-Dichlorobenzene
 Concen: 38.557 ng
 RT: 8.52 min Scan# 890
 Delta R.T. -0.01 min
 Lab File: BG029398.D
 Acq: 21 Oct 2017 19:21

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.6	49.3	73.9
111	42.2	34.3	51.5



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





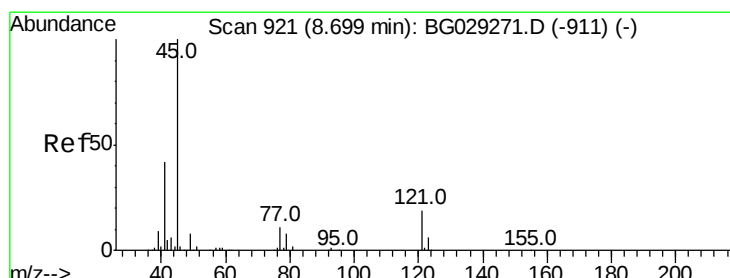
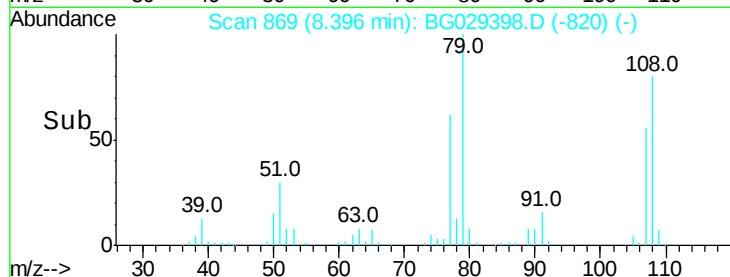
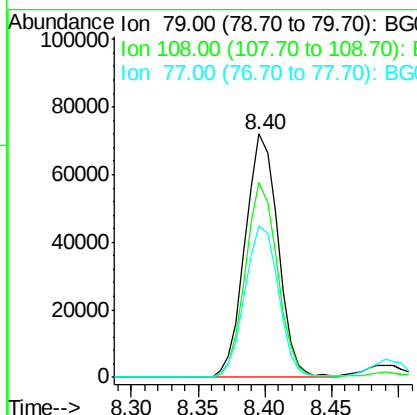
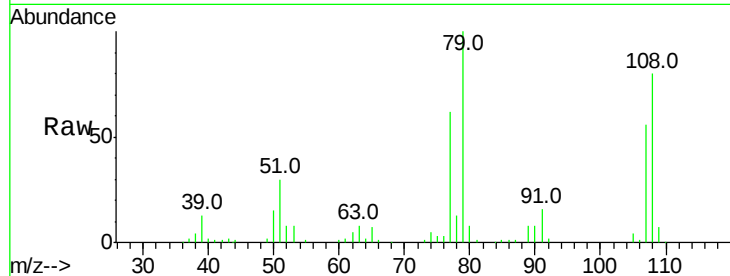
#15
Benzyl Alcohol
Concen: 34.732 ng
RT: 8.40 min Scan# 869
Delta R.T. -0.01 min
Lab File: BG029398.D
Acq: 21 Oct 2017 19:21

Instrument :
BNA_G
ClientSampleId :
RAV-GT104MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	79.9	57.2	85.8
77	62.4	46.1	69.1

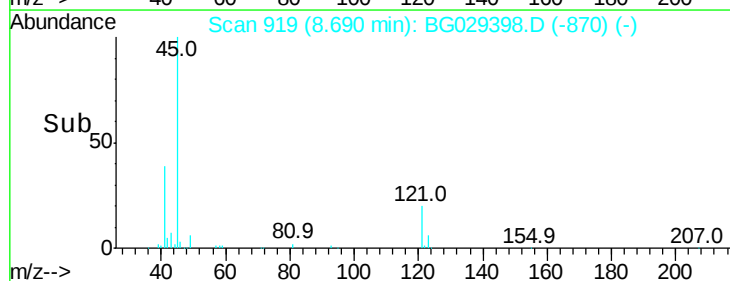
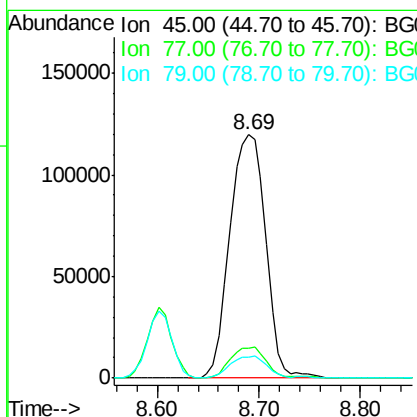
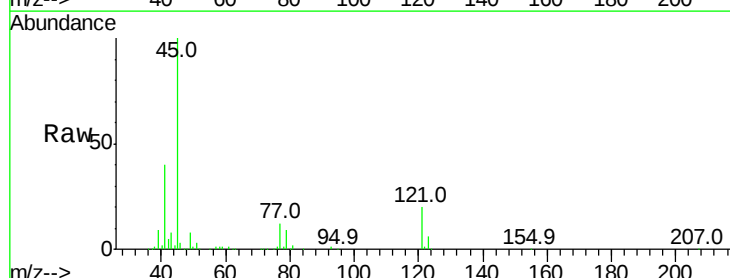
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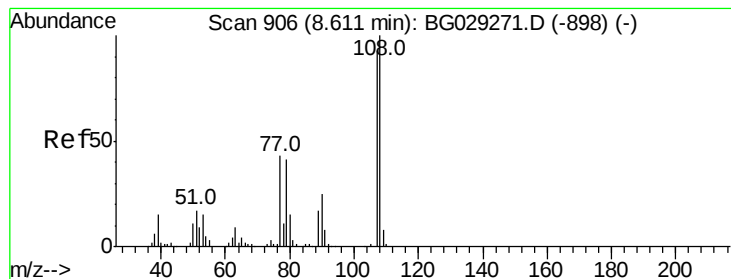
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#16
2,2'-oxybis(1-chloropropane)
Concen: 43.913 ng
RT: 8.69 min Scan# 919
Delta R.T. -0.01 min
Lab File: BG029398.D
Acq: 21 Oct 2017 19:21

Tgt Ion	Ratio	Lower	Upper
45	100		
77	12.3	0.0	30.2
79	8.7	0.0	27.9





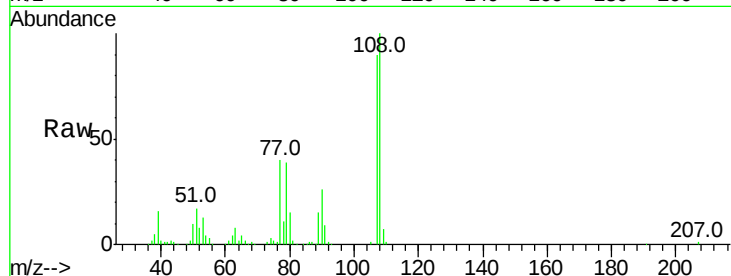
#17
2-Methylphenol
Concen: 34.960 ng
RT: 8.60 min Scan# 904
Delta R.T. -0.01 min
Lab File: BG029398.D
Acq: 21 Oct 2017 19:21

Instrument :
BNA_G
ClientSampleId :
RAV-GT104MSD

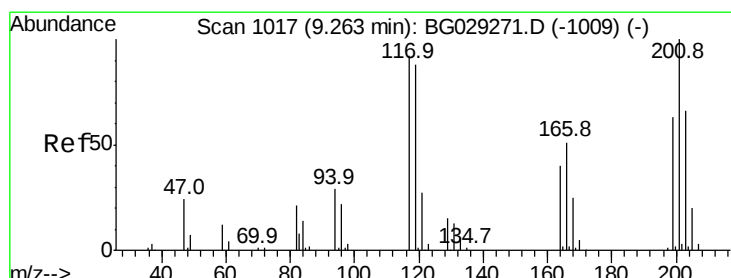
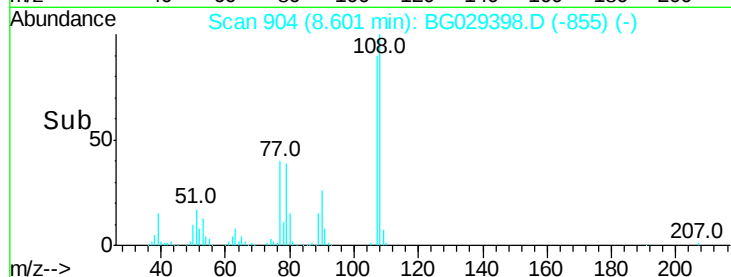
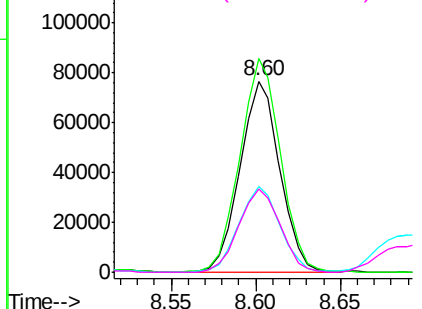
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.7	83.9	125.9	
77	45.2	37.2	55.8	
79	43.3	36.2	54.2	

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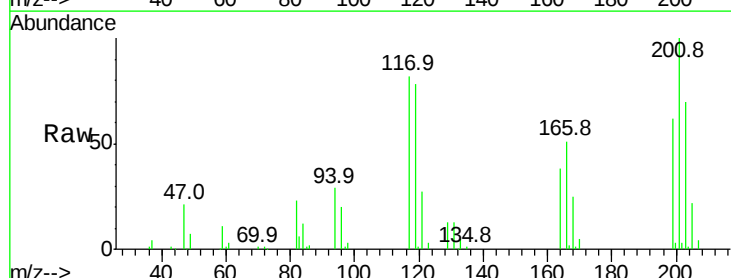


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

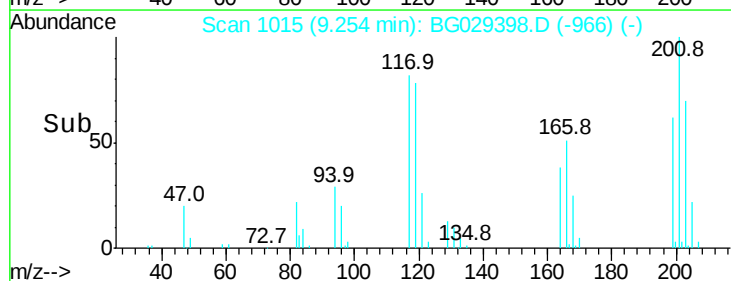
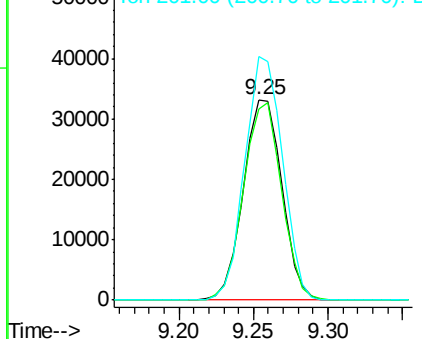


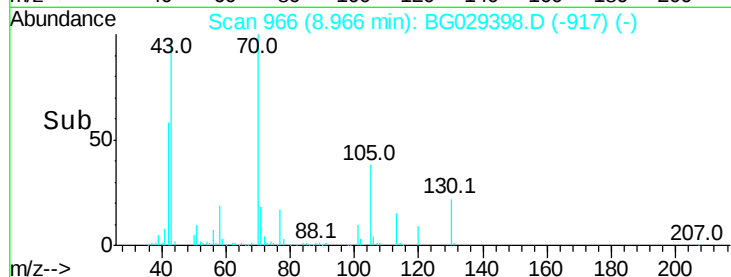
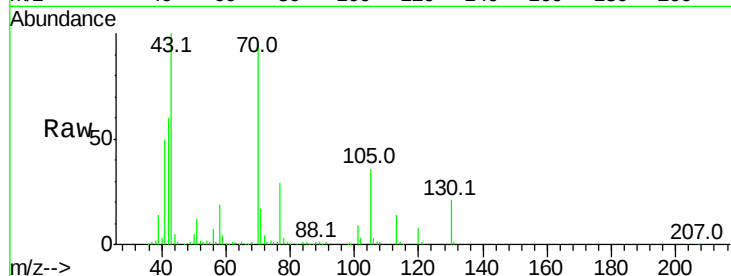
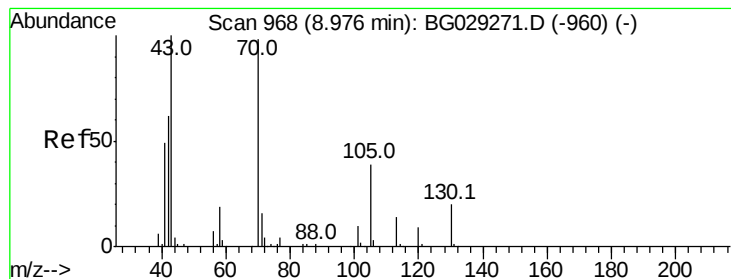
#18
Hexachloroethane
Concen: 37.093 ng
RT: 9.25 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BG029398.D
Acq: 21 Oct 2017 19:21

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.4	76.7	115.1	
201	121.6	95.7	143.5	



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





#19

n-Nitroso-di-n-propylamine

Concen: 44.637 ng

RT: 8.97 min Scan# 966

Delta R.T. -0.01 min

Lab File: BG029398.D

Acq: 21 Oct 2017 19:21

Instrument :

BNA_G

ClientSampleId :

RAV-GT104MSD

Tot Ion: 70 Resp: 152299

Ion Ratio Lower Upper

70 100

42 63.2 49.1 73.7

101 9.9 8.5 12.7

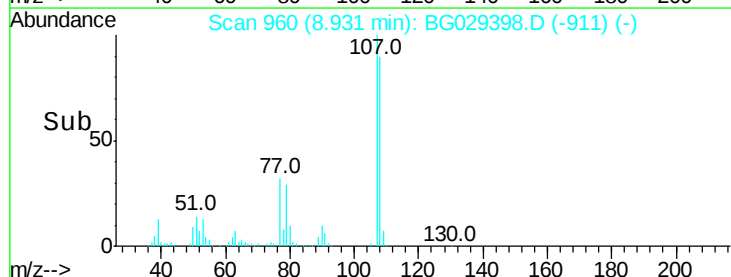
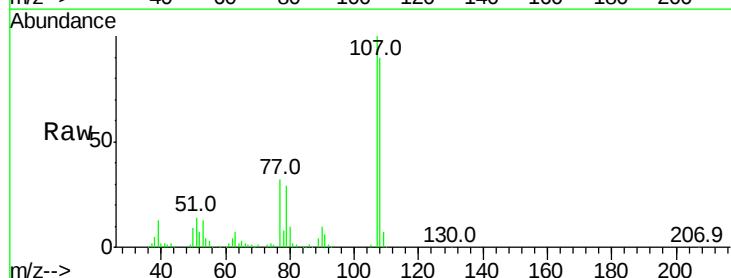
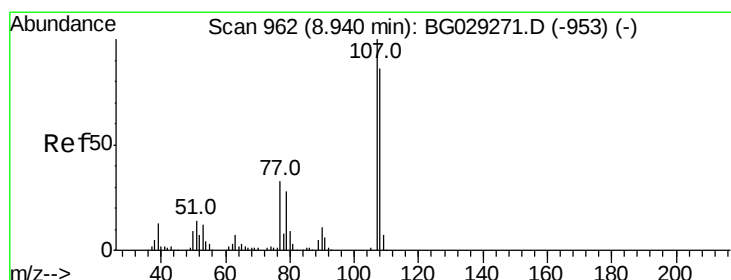
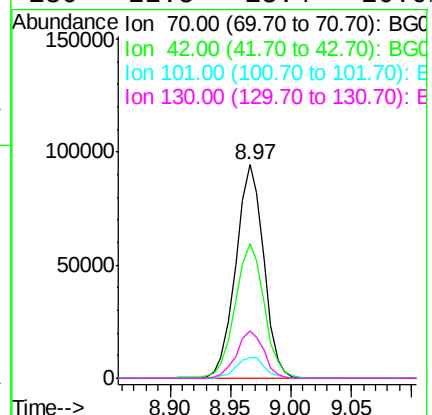
130 22.5 13.4 20.0#

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#20

3+4-Methylphenols

Concen: 31.673 ng

RT: 8.93 min Scan# 960

Delta R.T. -0.01 min

Lab File: BG029398.D

Acq: 21 Oct 2017 19:21

Tgt Ion: 107 Resp: 160381

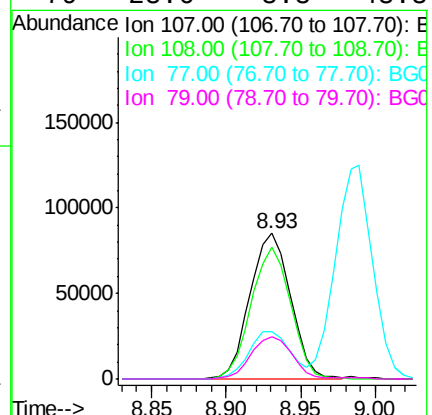
Ion Ratio Lower Upper

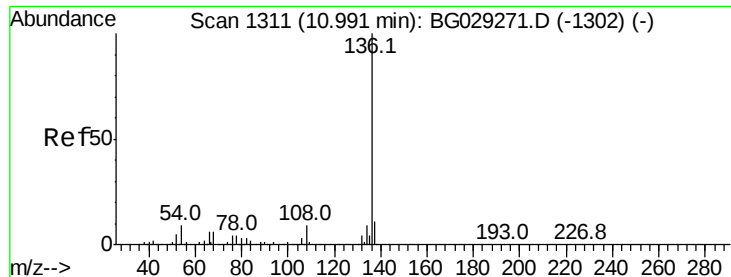
107 100

108 90.2 61.6 101.6

77 32.3 13.9 53.9

79 28.6 8.8 48.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.98 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BG029398.D

Acq: 21 Oct 2017 19:21

Instrument :

BNA_G

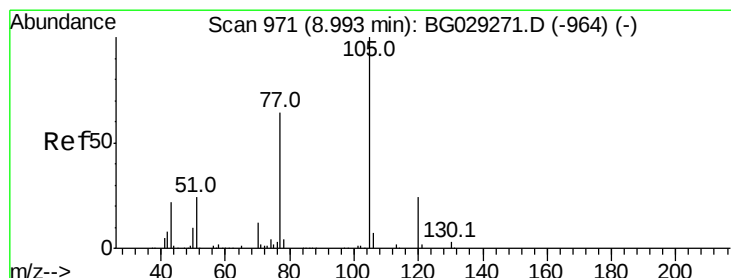
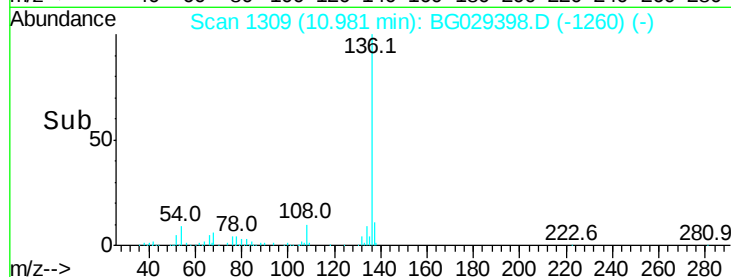
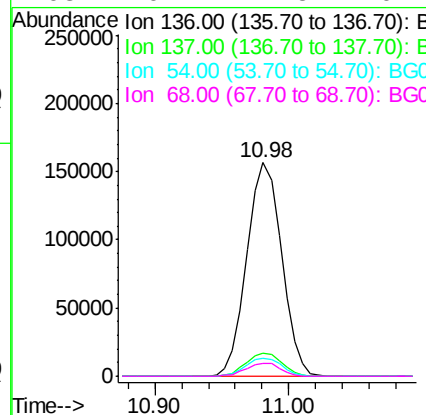
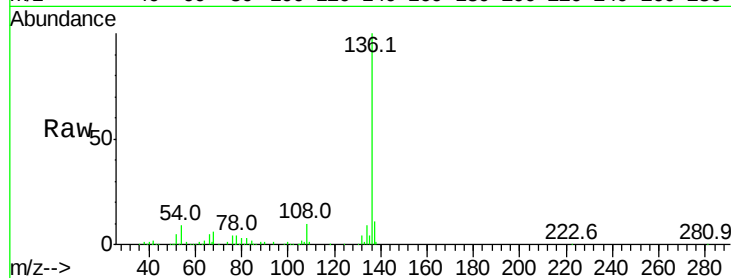
ClientSampleId :

RAV-GT104MSD

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	10.8	9.2	13.8
54	8.5	10.3	15.5#
68	6.2	4.5	6.7

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#22

Acetophenone

Concen: 41.088 ng

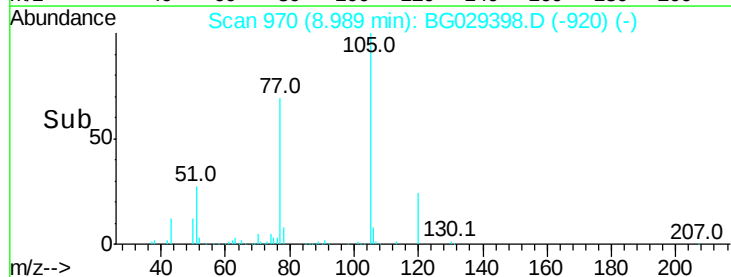
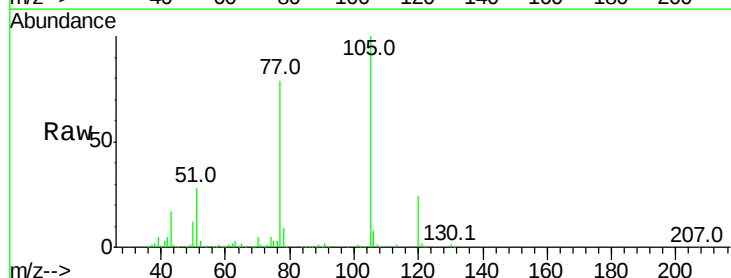
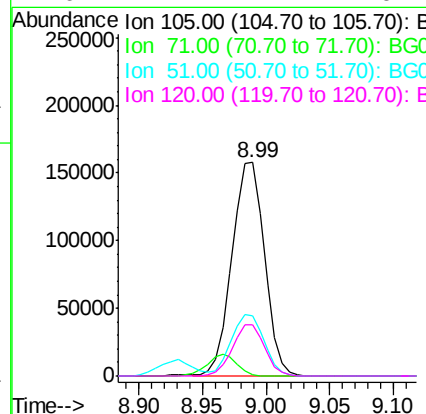
RT: 8.99 min Scan# 970

Delta R.T. -0.00 min

Lab File: BG029398.D

Acq: 21 Oct 2017 19:21

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	0.9	3.0	4.4#
51	28.4	26.1	39.1
120	24.2	17.4	26.2





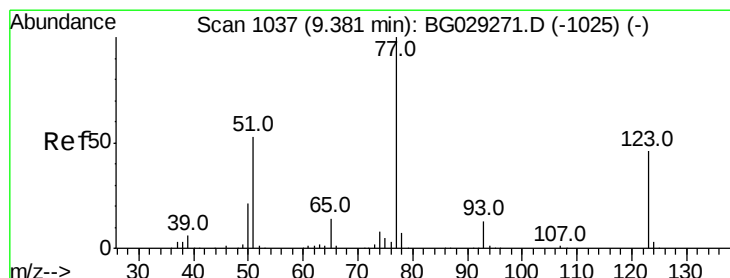
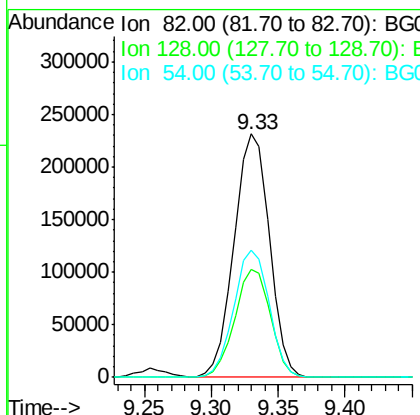
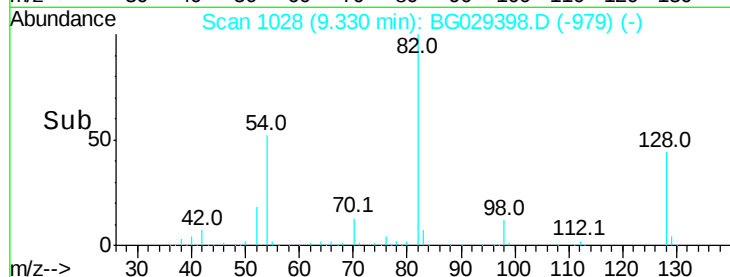
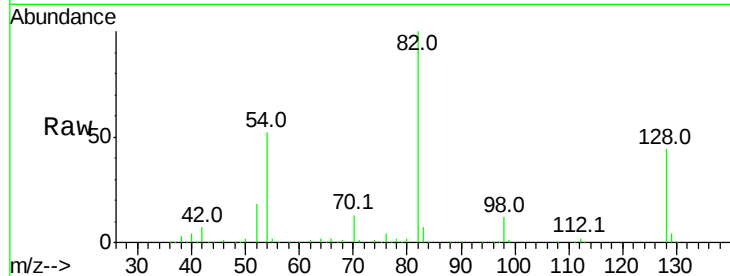
#23
 Nitrobenzene-d5
 Concen: 95.408 ng
 RT: 9.33 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BG029398.D
 Acq: 21 Oct 2017 19:21

Instrument :
 BNA_G
 ClientSampleId :
 RAV-GT104MSD

Tot Ion:	82	Resp:	425028
Ion Ratio	Lower	Upper	
82	100		
128	44.1	29.7	44.5
54	52.3	43.1	64.7

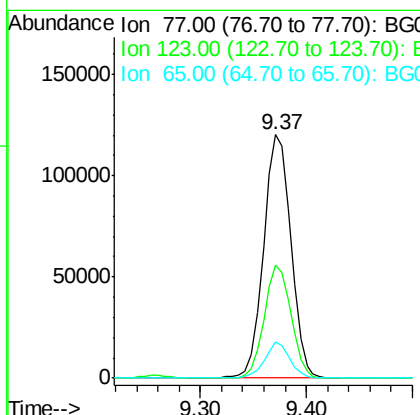
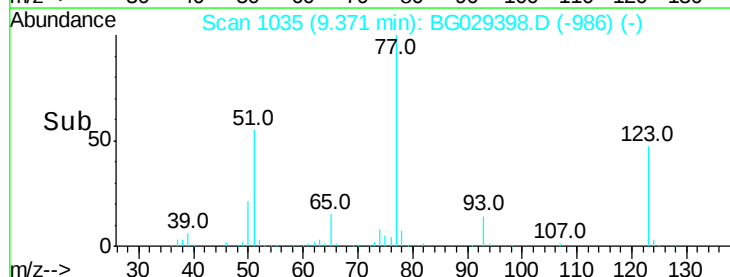
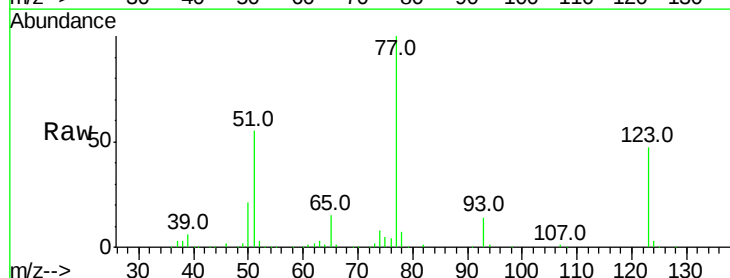
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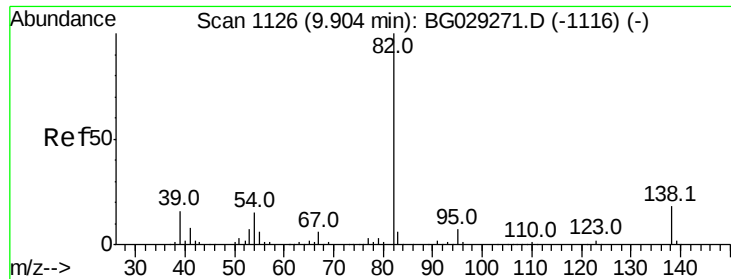
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#24
 Nitrobenzene
 Concen: 43.034 ng
 RT: 9.37 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BG029398.D
 Acq: 21 Oct 2017 19:21

Tgt Ion:	77	Resp:	215553
Ion Ratio	Lower	Upper	
77	100		
123	46.5	33.0	49.6
65	14.8	13.0	19.6





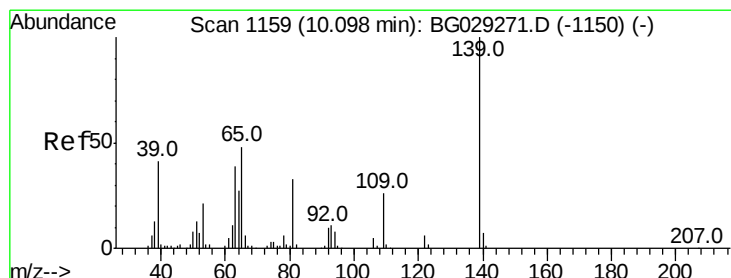
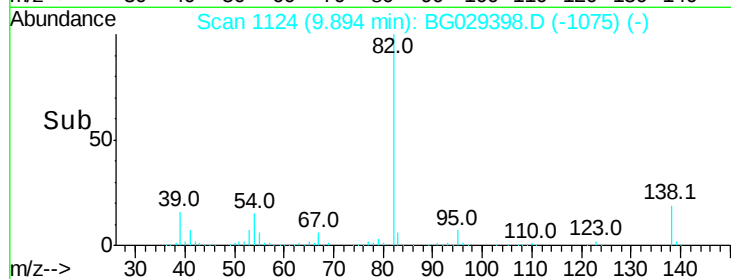
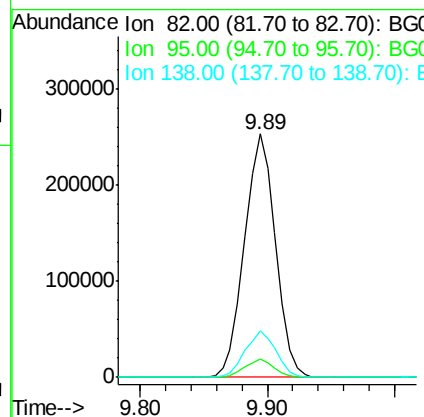
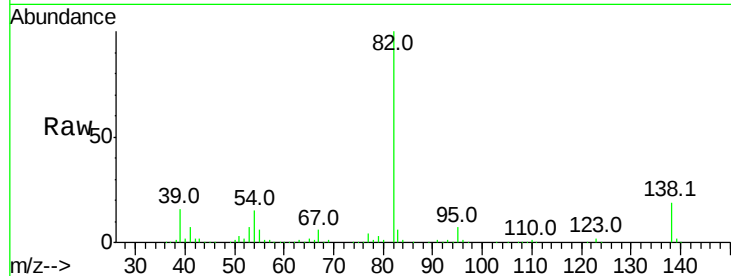
#25
Isophorone
Concen: 46.114 ng
RT: 9.89 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BG029398.D
Acq: 21 Oct 2017 19:21

Instrument :
BNA_G
ClientSampleId :
RAV-GT104MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	7.3	6.2	9.2	
138	19.0	12.1	18.1	

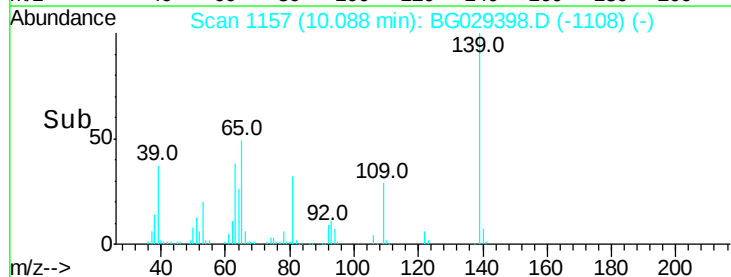
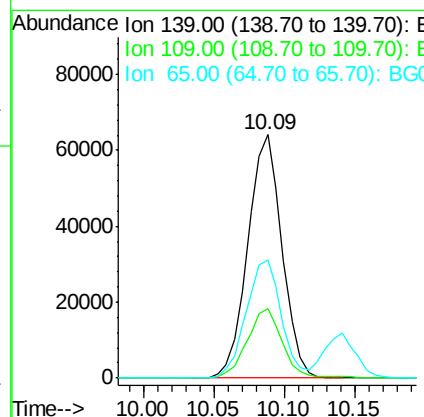
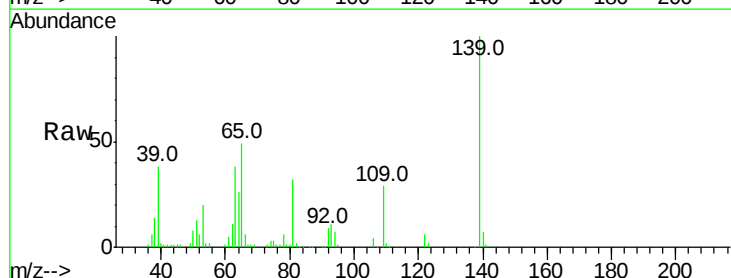
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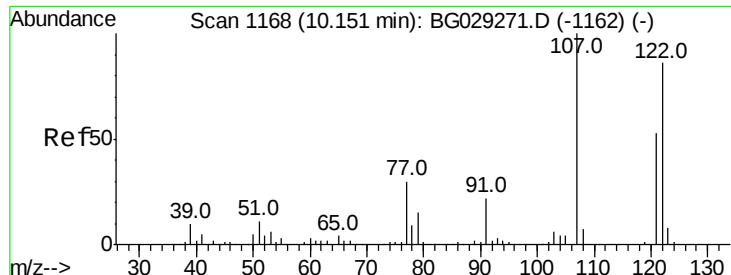
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#26
2-Nitrophenol
Concen: 45.386 ng
RT: 10.09 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BG029398.D
Acq: 21 Oct 2017 19:21

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	28.7	24.2	36.2	
65	48.5	47.4	71.0	





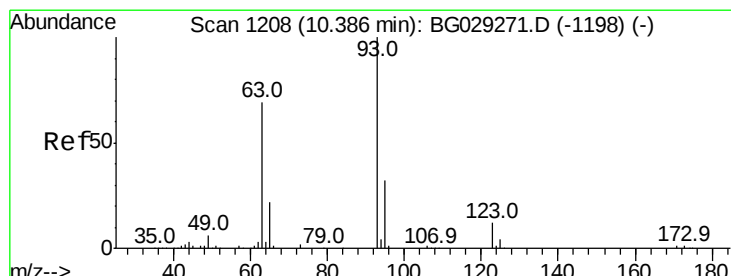
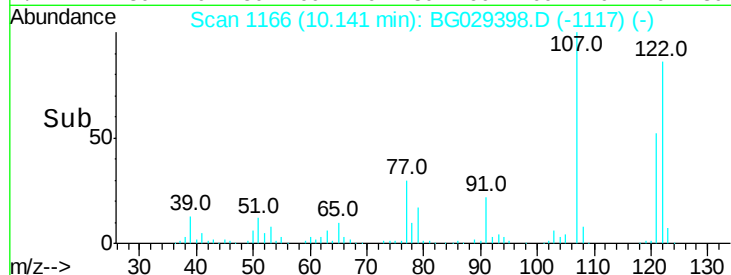
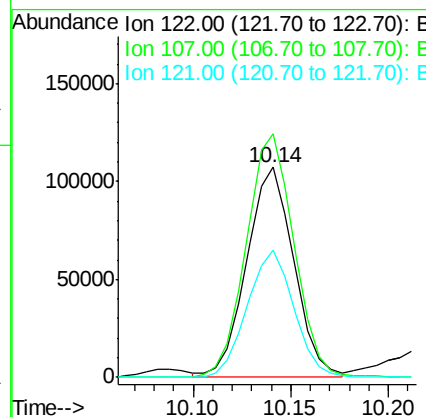
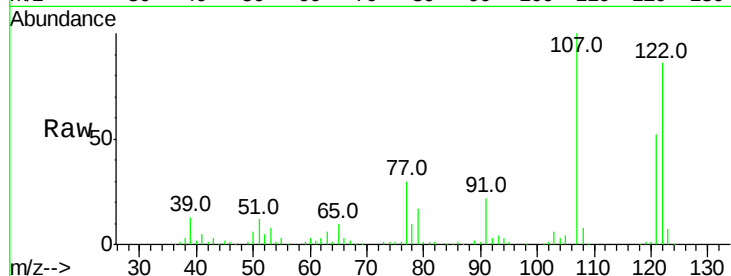
#27
 2,4-Dimethylphenol
 Concen: 41.303 ng
 RT: 10.14 min Scan# 1166
 Delta R.T. -0.01 min
 Lab File: BG029398.D
 Acq: 21 Oct 2017 19:21

Instrument :
 BNA_G
 ClientSampleId :
 RAV-GT104MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	115.9	100.2	150.2
121	60.6	44.4	66.6

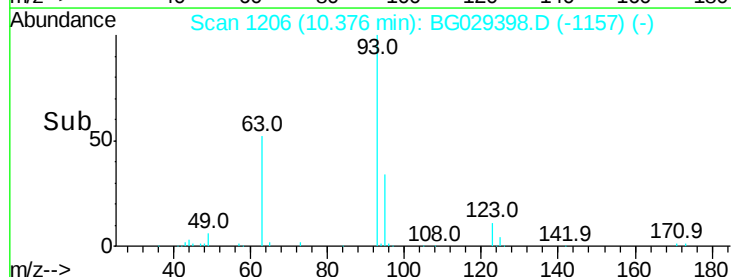
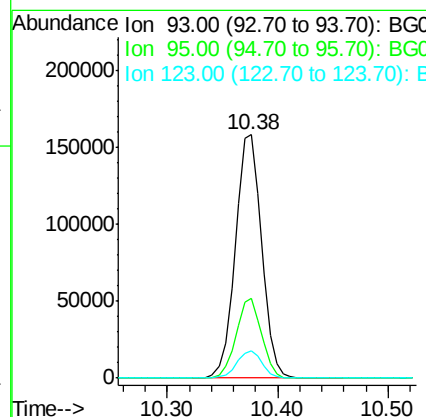
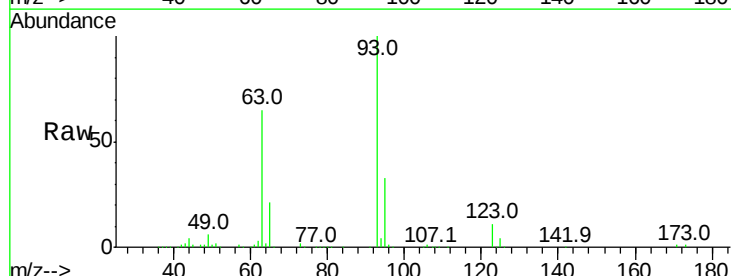
Manual Integrations
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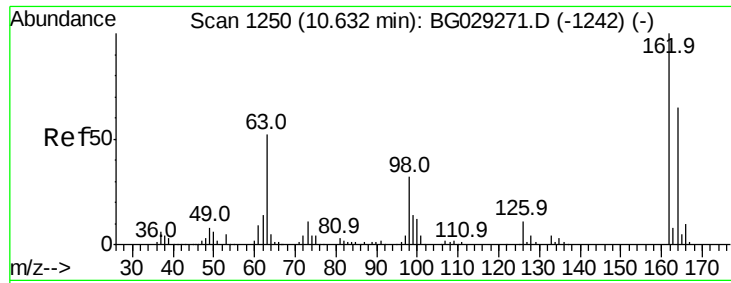
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#28
 bis(2-Chloroethoxy)methane
 Concen: 46.338 ng
 RT: 10.38 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BG029398.D
 Acq: 21 Oct 2017 19:21

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





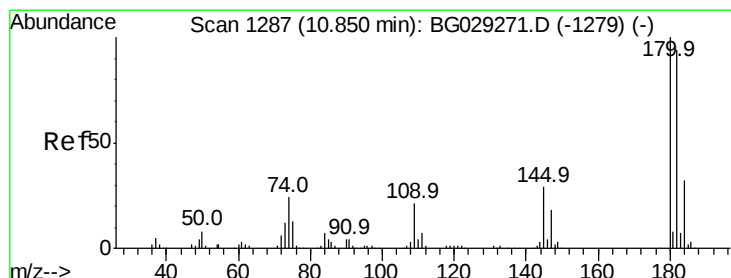
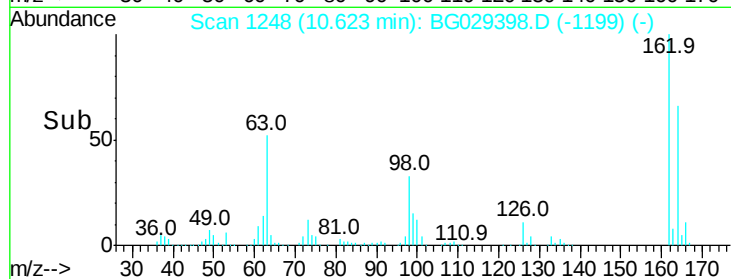
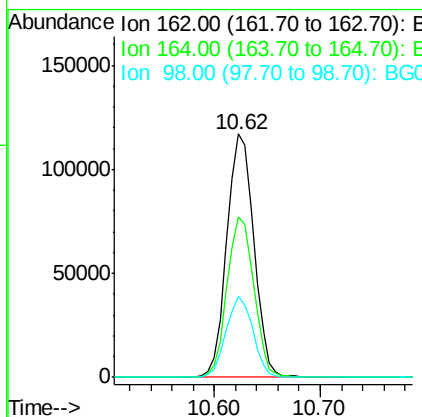
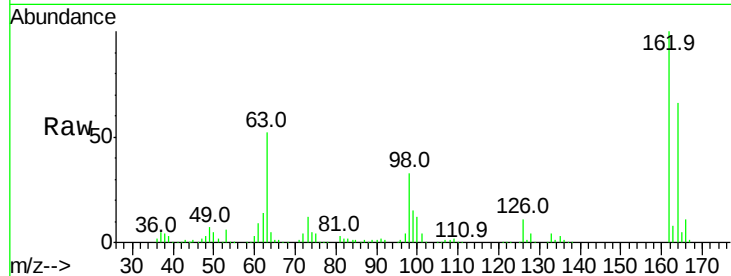
#29
 2,4-Dichlorophenol
 Concen: 44.799 ng
 RT: 10.62 min Scan# 1248
 Delta R.T. -0.01 min
 Lab File: BG029398.D
 Acq: 21 Oct 2017 19:21

Instrument :
 BNA_G
 ClientSampleId :
 RAV-GT104MSD

Tot Ion:	162	Resp:	206916
Ion Ratio	Lower	Upper	
162	100		
164	66.1	48.0	88.0
98	33.2	21.1	61.1

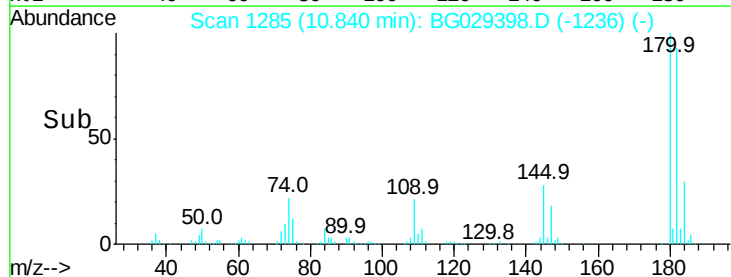
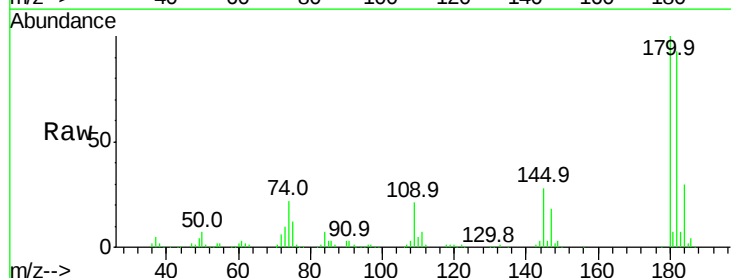
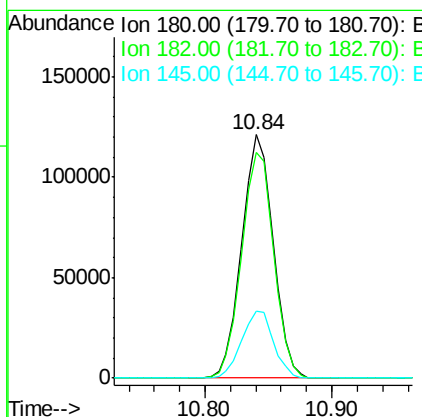
Manual Integrations
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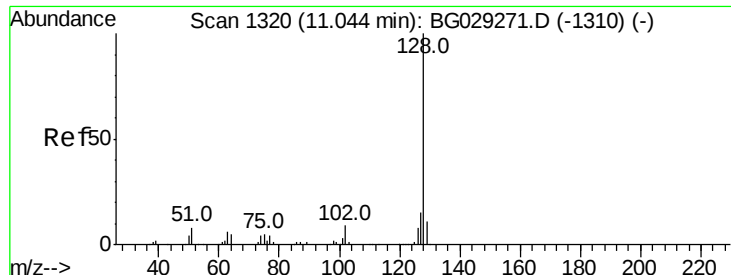
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#30
 1,2,4-Trichlorobenzene
 Concen: 41.857 ng
 RT: 10.84 min Scan# 1285
 Delta R.T. -0.01 min
 Lab File: BG029398.D
 Acq: 21 Oct 2017 19:21

Tgt Ion:	180	Resp:	208864
Ion Ratio	Lower	Upper	
180	100		
182	92.8	77.5	116.3
145	27.6	23.4	35.2





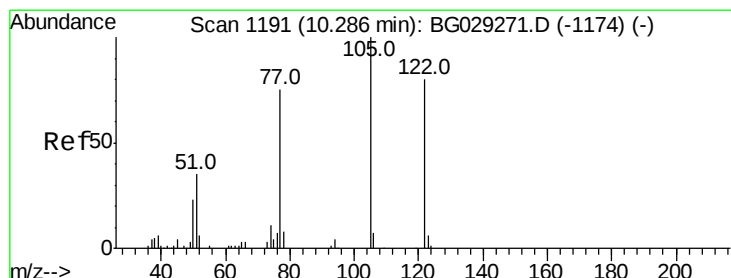
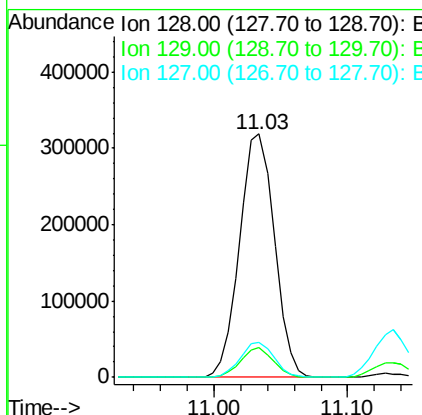
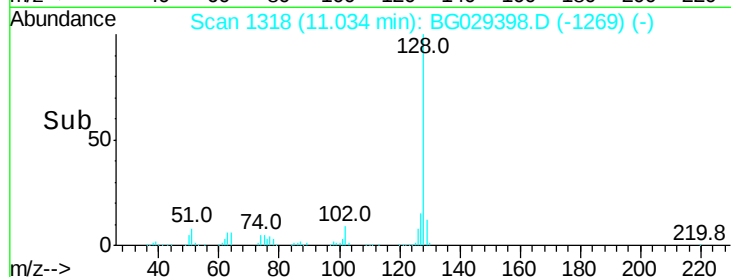
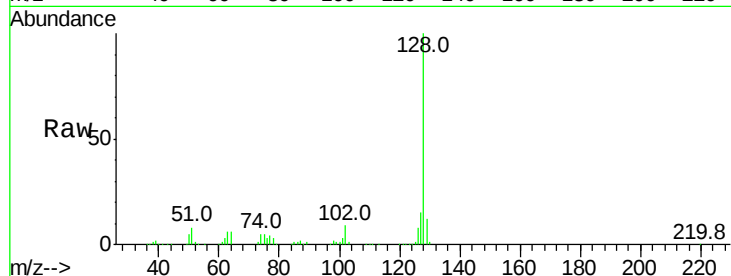
#31
Naphthalene
Concen: 40.919 ng
RT: 11.03 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BG029398.D
Acq: 21 Oct 2017 19:21

Instrument :
BNA_G
ClientSampleId :
RAV-GT104MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.2	8.6	12.8
127	14.6	11.6	17.4

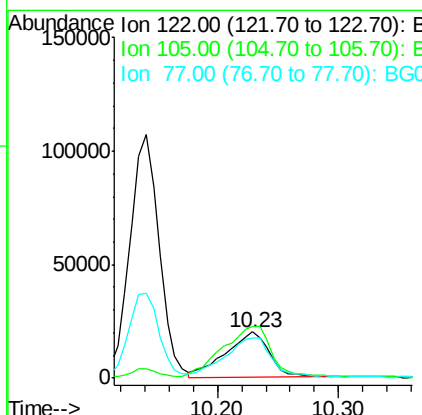
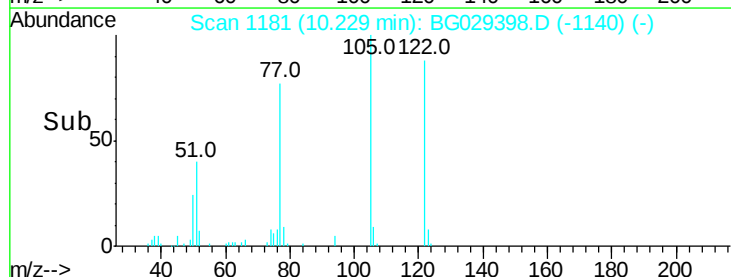
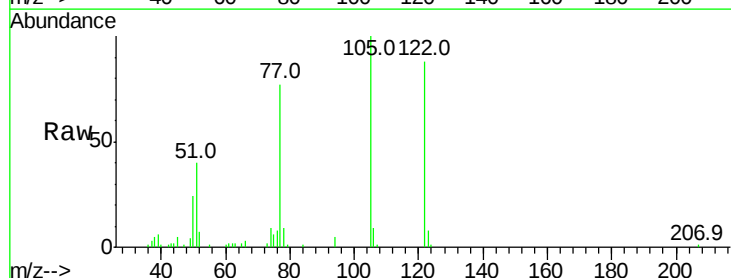
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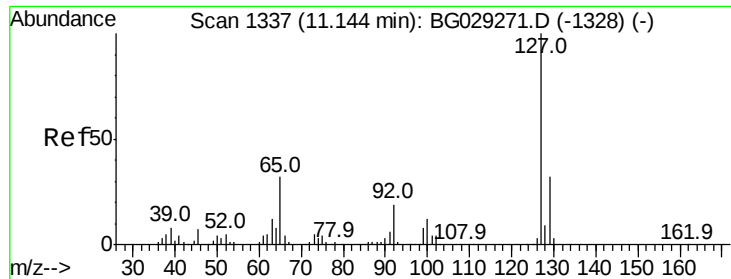
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#32
Benzoic acid
Concen: 13.902 ng
RT: 10.23 min Scan# 1181
Delta R.T. -0.06 min
Lab File: BG029398.D
Acq: 21 Oct 2017 19:21

Tgt Ion	Ratio	Lower	Upper
122	100		
105	113.4	123.5	163.5#
77	87.5	85.7	125.7





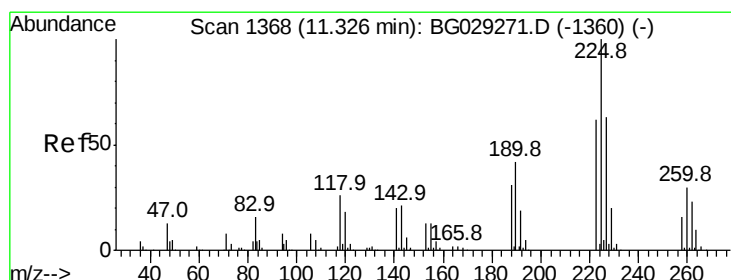
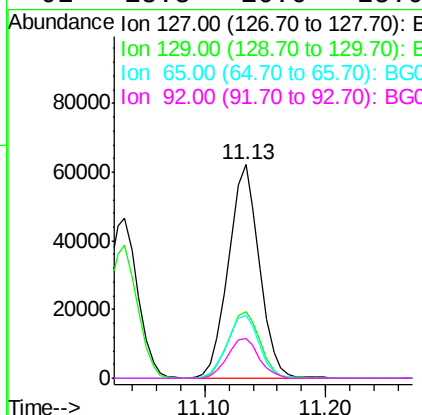
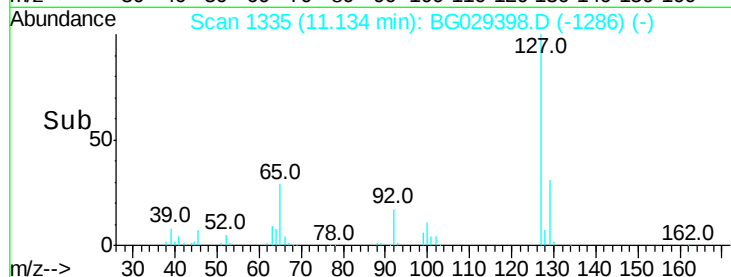
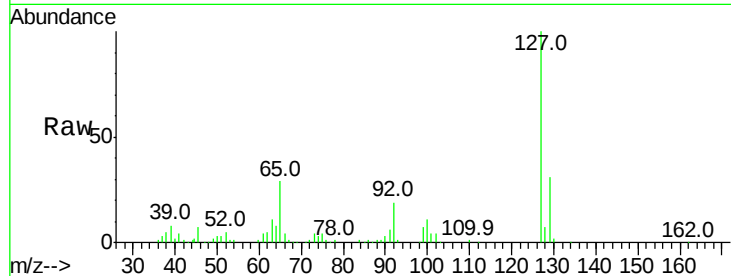
#33
4-Chloroaniline
Concen: 18.684 ng
RT: 11.13 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BG029398.D
Acq: 21 Oct 2017 19:21

Instrument :
BNA_G
ClientSampleId :
RAV-GT104MSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	30.9	24.0	36.0	
65	29.4	27.0	40.4	
92	18.8	16.6	25.0	

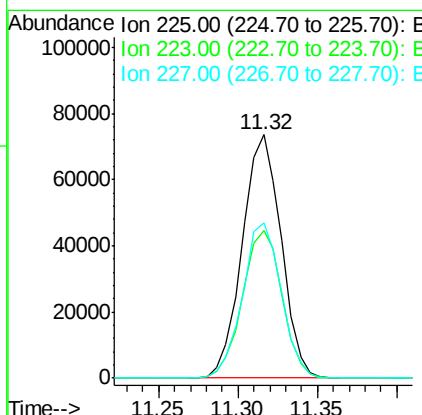
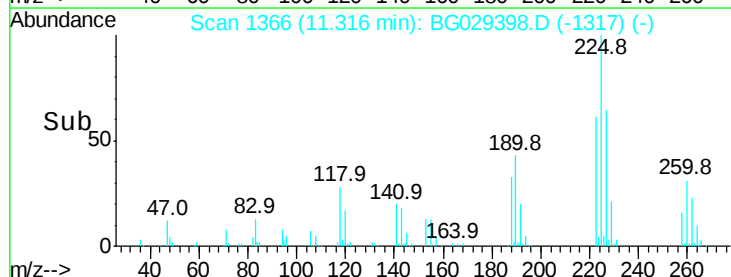
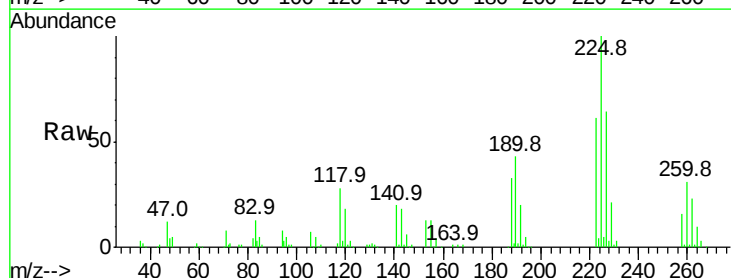
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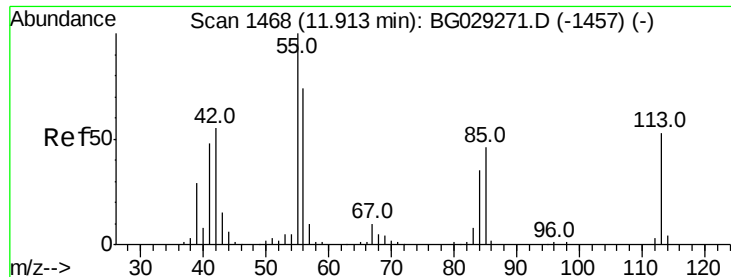
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#34
Hexachlorobutadiene
Concen: 40.328 ng
RT: 11.32 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BG029398.D
Acq: 21 Oct 2017 19:21

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	60.7	49.7	74.5	
227	63.5	48.1	72.1	





#35

Caprolactam

Concen: 10.544 ng/ml

RT: 11.90 min Scan# 1465

Delta R.T. -0.02 min

Lab File: BG029398.D

Acq: 21 Oct 2017 19:21

Instrument :

BNA_G

ClientSampleId :

RAV-GT104MSD

Tot Ion:113 Resp: 16186

Ion Ratio Lower Upper

113 100

55 172.6 186.9 226.9#

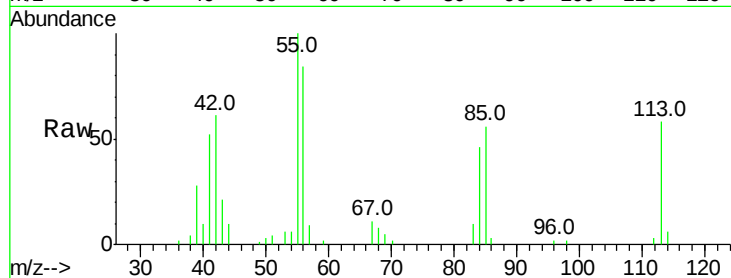
56 144.3 130.9 170.9

Manual Integrations

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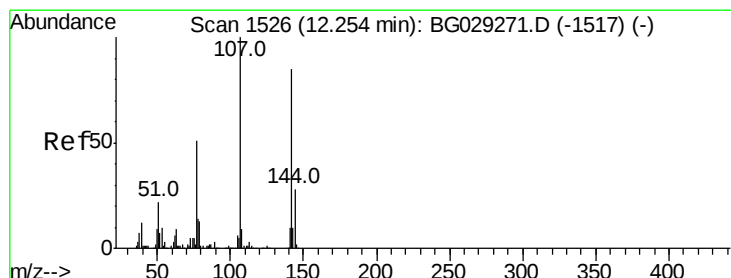
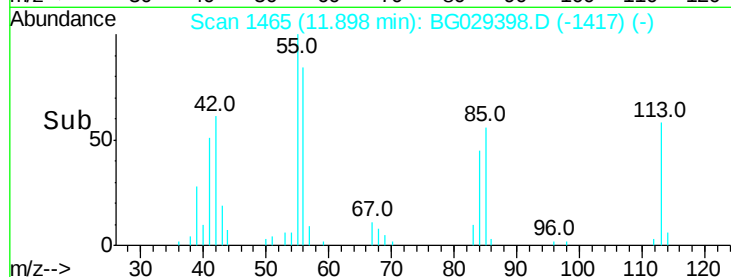
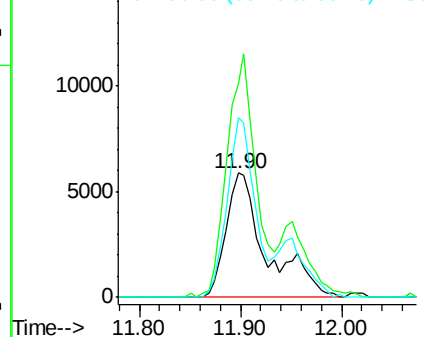
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG029271.D (-1457) (-)

Ion 56.00 (55.70 to 56.70): BG029271.D (-1457) (-)



#36

4-Chloro-3-methylphenol

Concen: 41.972 ng/ml

RT: 12.24 min Scan# 1524

Delta R.T. -0.01 min

Lab File: BG029398.D

Acq: 21 Oct 2017 19:21

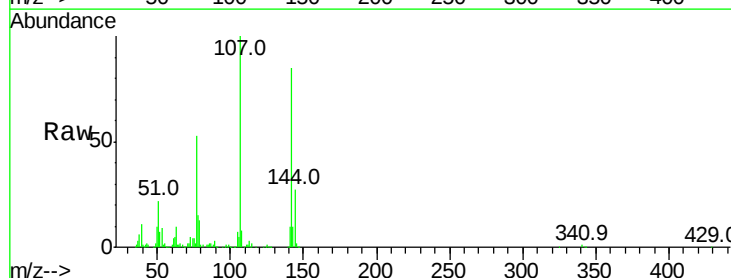
Tgt Ion:107 Resp: 213216

Ion Ratio Lower Upper

107 100

144 27.4 18.2 27.4#

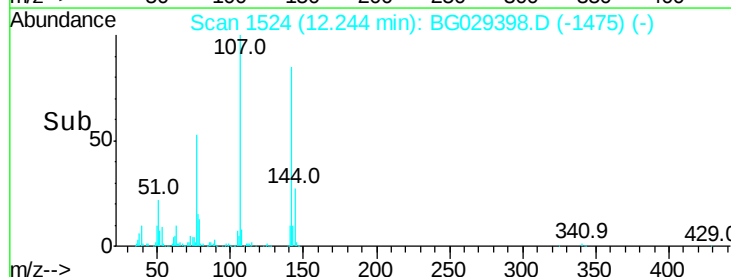
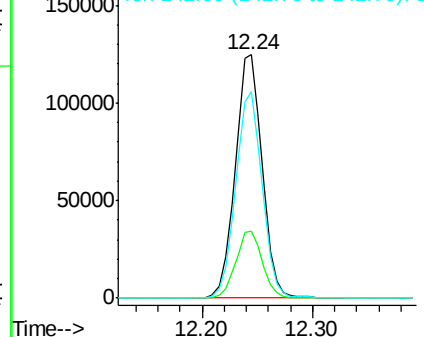
142 84.7 59.0 88.4

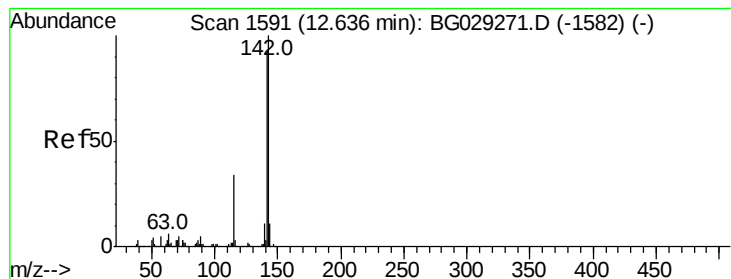


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 45.689 ng

RT: 12.63 min Scan# 1589

Delta R.T. -0.01 min

Lab File: BG029398.D

Acq: 21 Oct 2017 19:21

Instrument :

BNA_G

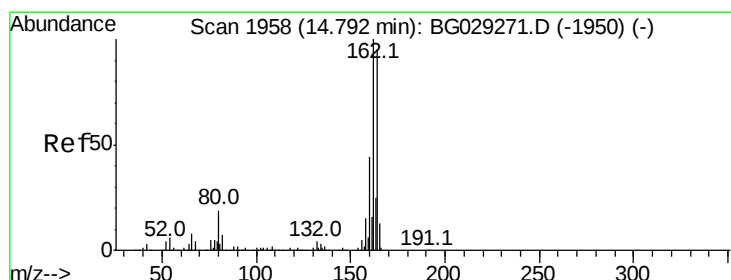
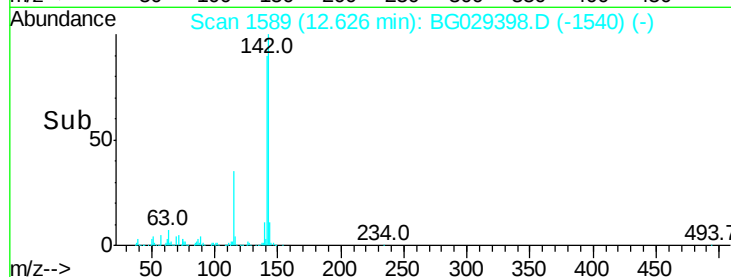
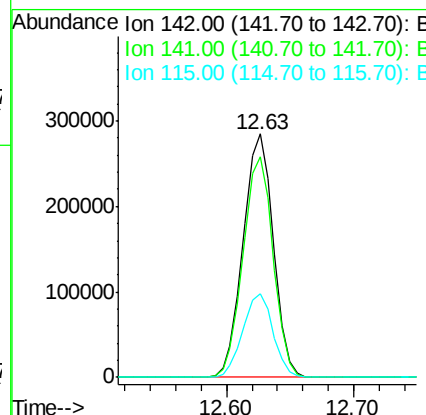
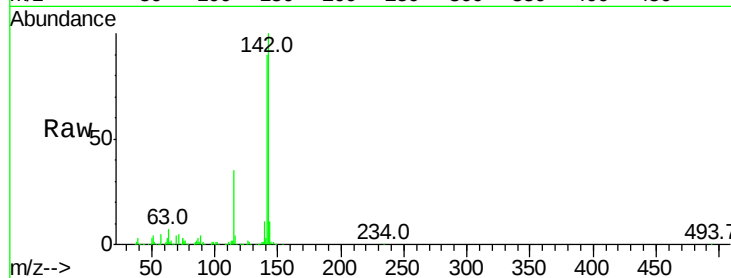
ClientSampleId :

RAV-GT104MSD

Tot Ion:	142	Resp:	469813
Ion Ratio	Lower	Upper	
142	100		
141	90.4	67.1	100.7
115	34.5	30.7	46.1

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#38

Acenaphthene-d10

Concen: 20.000 ng

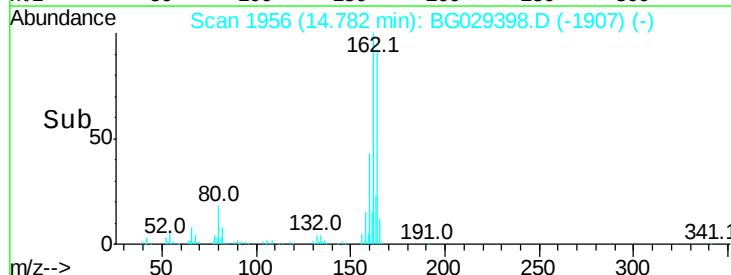
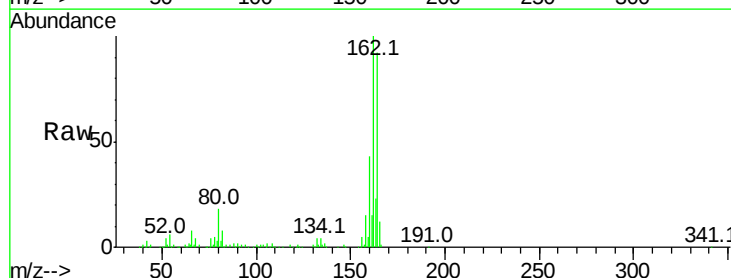
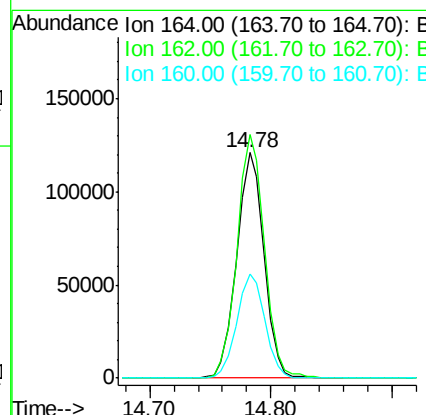
RT: 14.78 min Scan# 1956

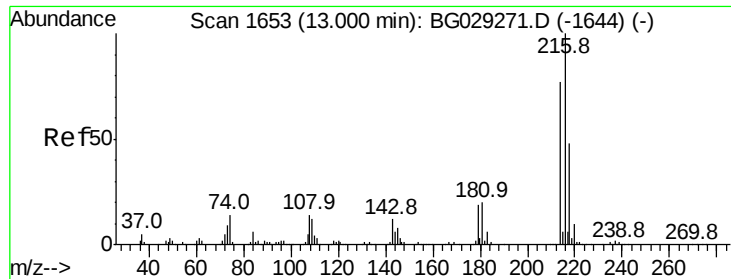
Delta R.T. -0.01 min

Lab File: BG029398.D

Acq: 21 Oct 2017 19:21

Tgt Ion:	164	Resp:	190194
Ion Ratio	Lower	Upper	
164	100		
162	108.2	78.8	118.2
160	46.2	35.4	53.0





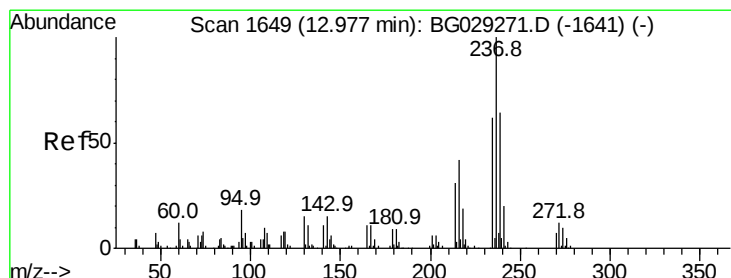
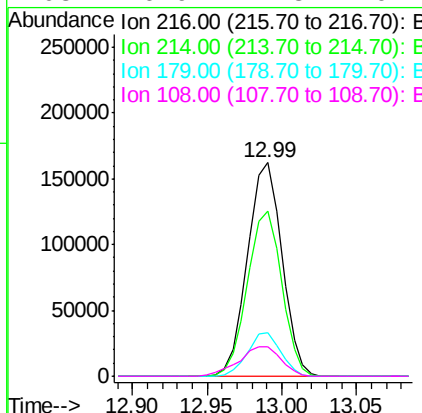
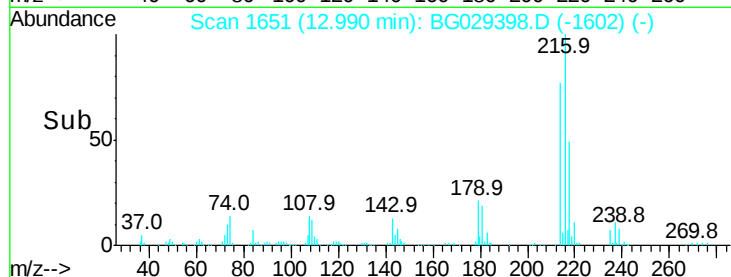
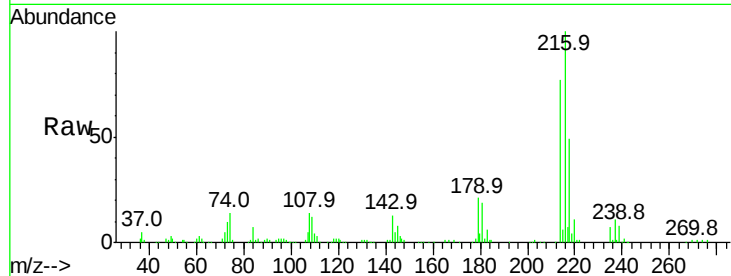
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.402 ng
 RT: 12.99 min Scan# 1651
 Delta R.T. -0.01 min
 Lab File: BG029398.D
 Acq: 21 Oct 2017 19:21

Instrument :
 BNA_G
 ClientSampleId :
 RAV-GT104MSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	259719		
214	77.0	63.0	94.4	
179	19.7	17.0	25.6	
108	16.9	12.8	19.2	

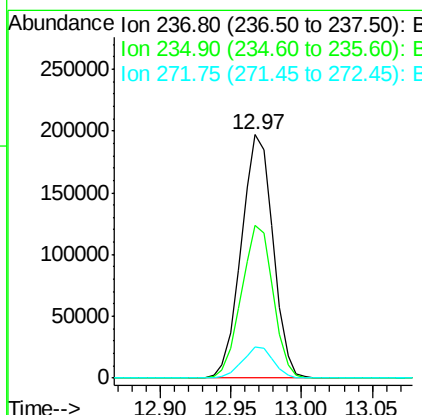
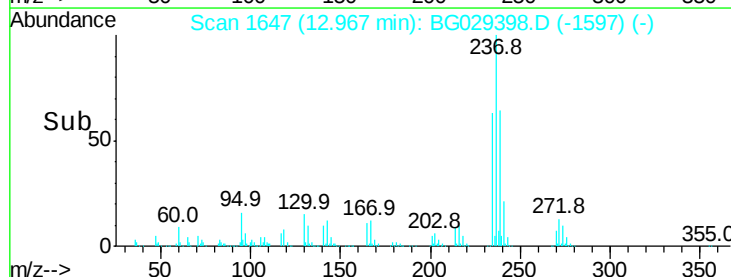
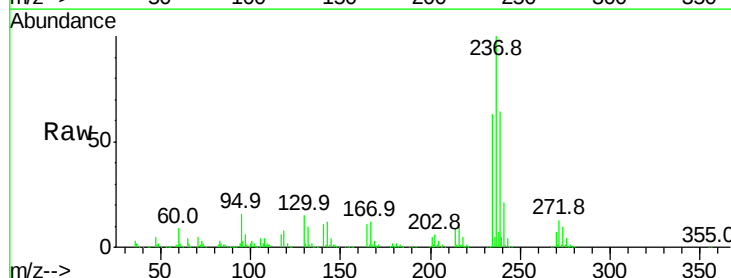
Manual Integrations
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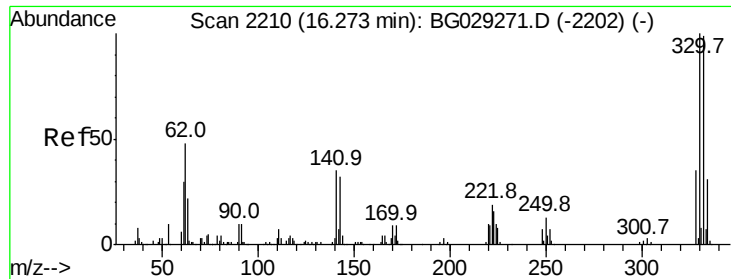
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#40
 Hexachlorocyclopentadiene
 Concen: 115.378 ng
 RT: 12.97 min Scan# 1647
 Delta R.T. -0.01 min
 Lab File: BG029398.D
 Acq: 21 Oct 2017 19:21

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	309264		
235	62.8	50.4	90.4	
272	13.0	0.0	31.8	





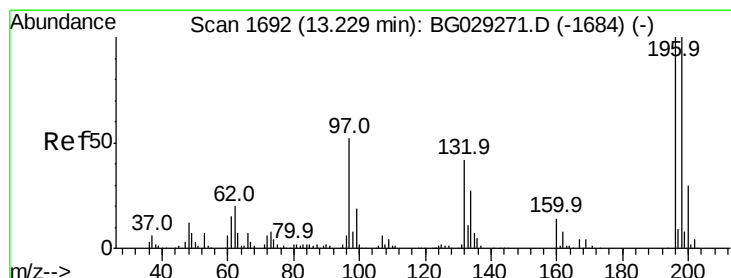
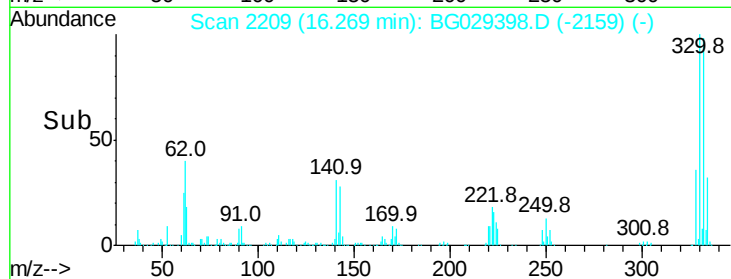
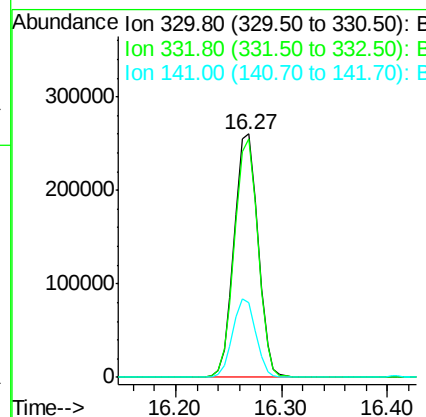
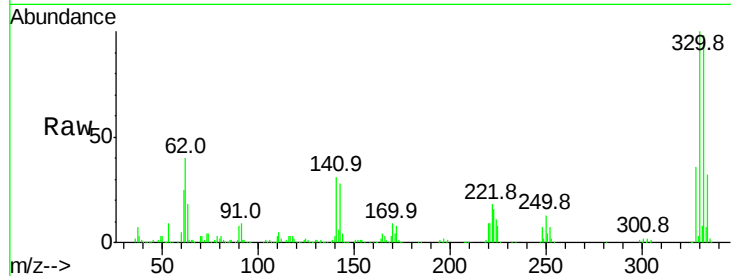
#41
 2,4,6-Tribromophenol
 Concen: 165.078 ng
 RT: 16.27 min Scan# 2209
 Delta R.T. -0.00 min
 Lab File: BG029398.D
 Acq: 21 Oct 2017 19:21

Instrument :
 BNA_G
 ClientSampleId :
 RAV-GT104MSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.4	77.0	115.6	
141	31.6	25.2	37.8	

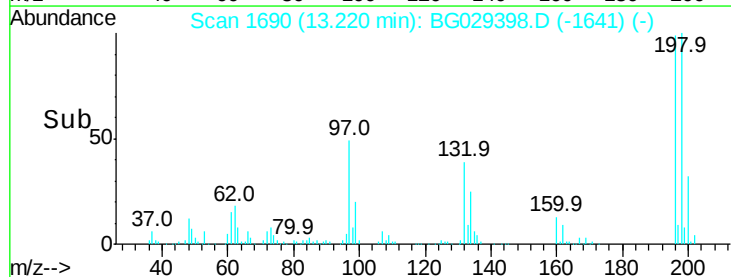
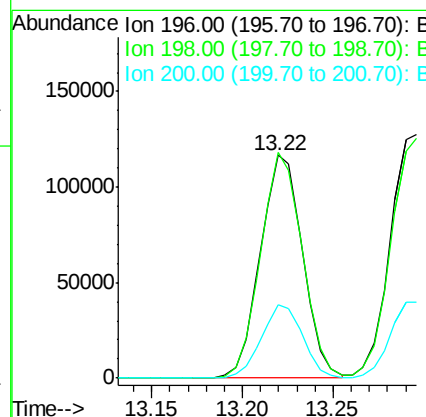
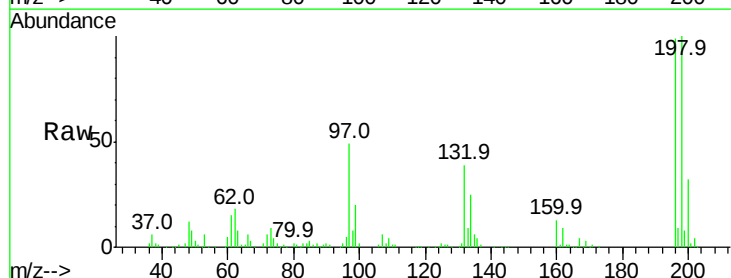
Manual Integrations
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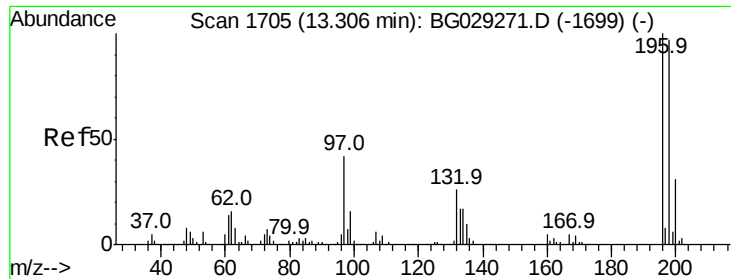
Sohil
 10/23/2017 3:41:17 PM



#42
 2,4,6-Trichlorophenol
 Concen: 43.308 ng
 RT: 13.22 min Scan# 1690
 Delta R.T. -0.01 min
 Lab File: BG029398.D
 Acq: 21 Oct 2017 19:21

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	101.2	78.2	117.2	
200	32.8	24.6	36.8	





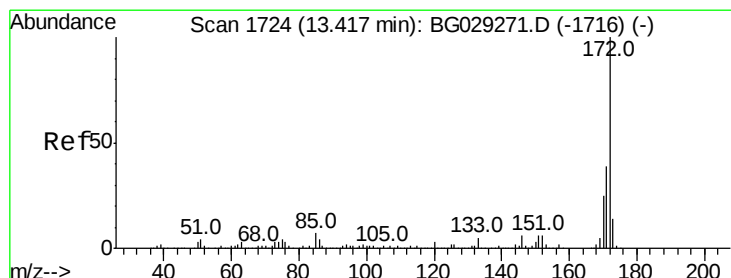
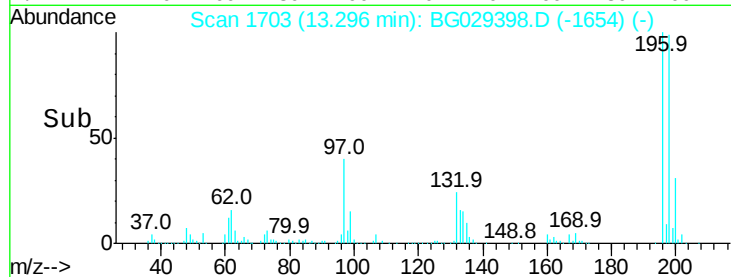
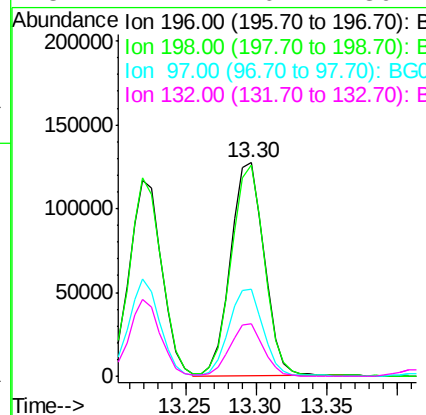
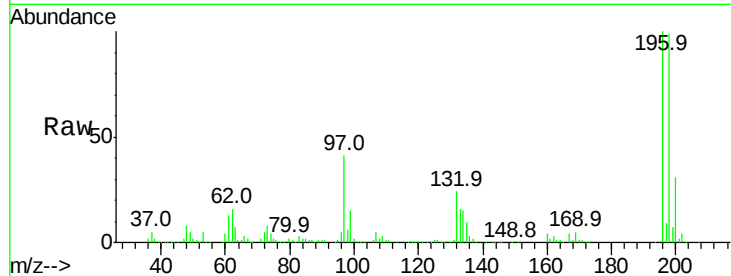
#43
 2,4,5-Trichlorophenol
 Concen: 47.154 ng
 RT: 13.30 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG029398.D
 Acq: 21 Oct 2017 19:21

Instrument :
 BNA_G
 ClientSampleId :
 RAV-GT104MSD

Tot Ion:	196	Resp:	211098
Ion Ratio	Lower	Upper	
196	100		
198	98.6	76.2	114.4
97	40.8	38.7	58.1
132	24.4	20.2	30.2

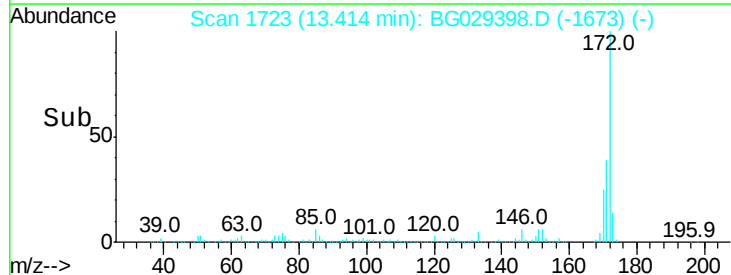
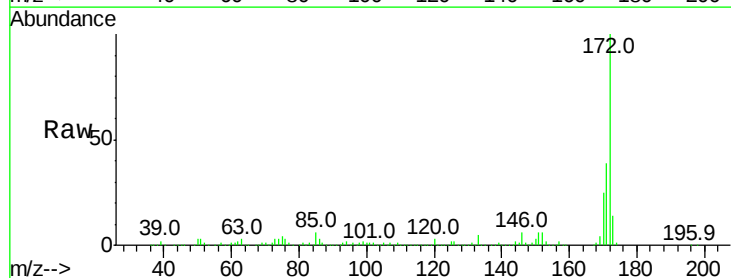
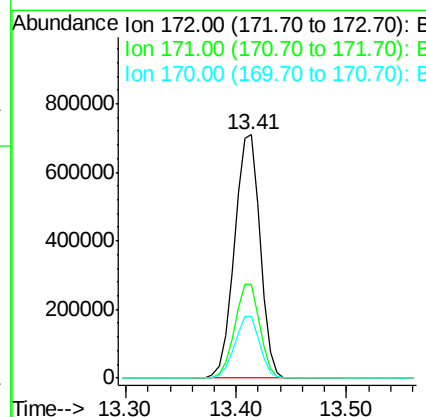
Manual Integrations
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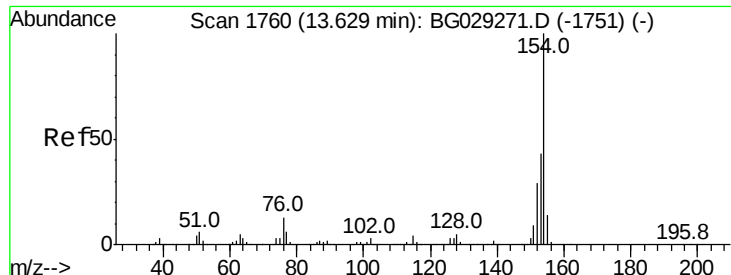
Sohil
 10/23/2017 3:41:17 PM



#44
 2-Fluorobiphenyl
 Concen: 88.854 ng
 RT: 13.41 min Scan# 1723
 Delta R.T. -0.00 min
 Lab File: BG029398.D
 Acq: 21 Oct 2017 19:21

Tgt Ion:	172	Resp:	1152251
Ion Ratio	Lower	Upper	
172	100		
171	38.7	30.0	45.0
170	25.4	19.5	29.3





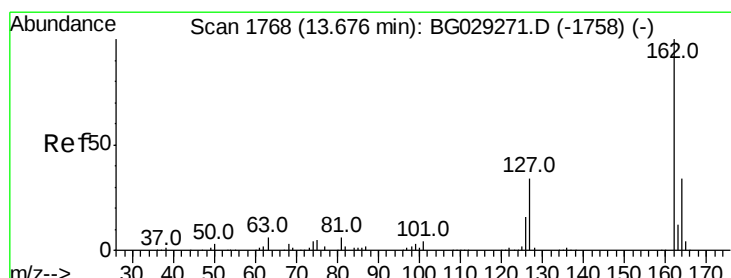
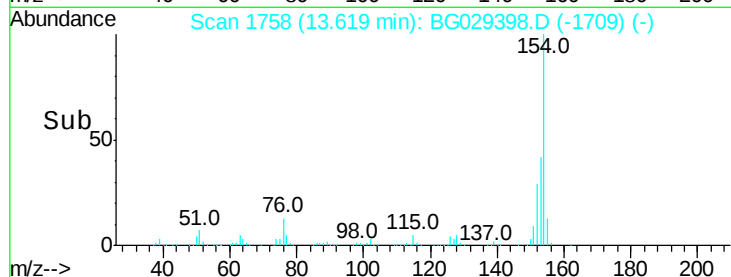
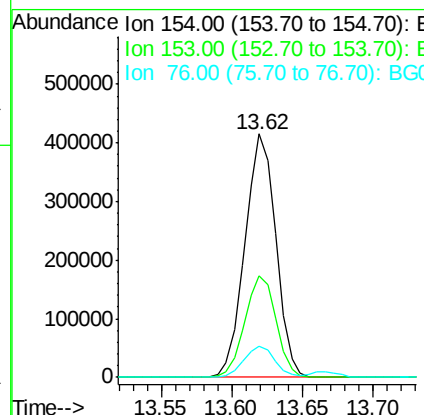
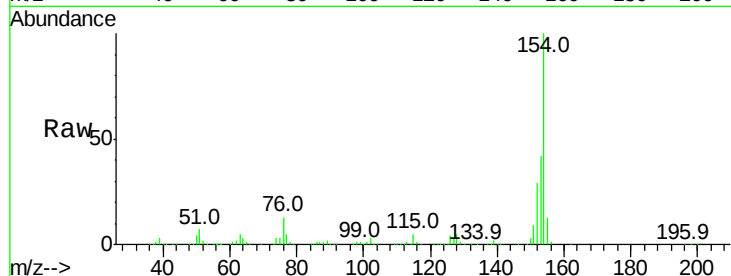
#45
1,1'-Biphenyl
Concen: 38.957 ng
RT: 13.62 min Scan# 1758
Delta R.T. -0.01 min
Lab File: BG029398.D
Acq: 21 Oct 2017 19:21

Instrument :
BNA_G
ClientSampleId :
RAV-GT104MSD

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	41.8	19.8	59.8	
76	12.9	0.0	31.9	

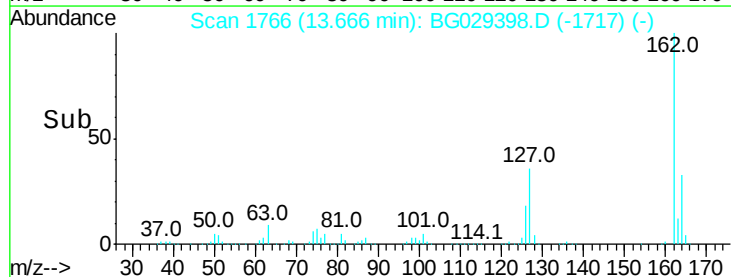
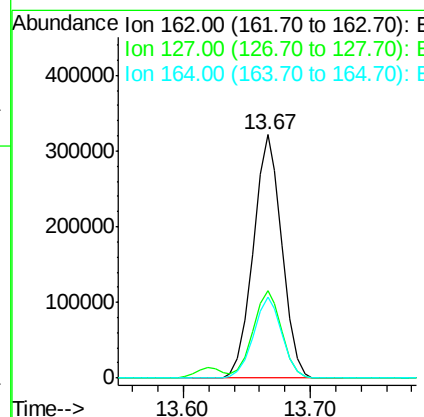
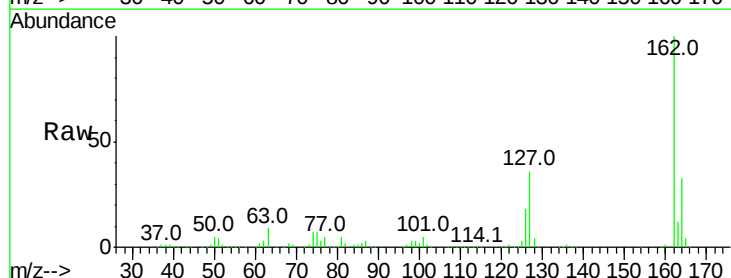
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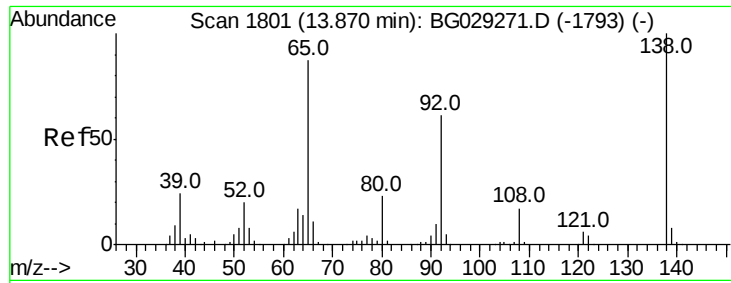
Sohil
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#46
2-Chloronaphthalene
Concen: 42.122 ng
RT: 13.67 min Scan# 1766
Delta R.T. -0.01 min
Lab File: BG029398.D
Acq: 21 Oct 2017 19:21

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	35.9	30.7	46.1	
164	33.3	26.0	39.0	





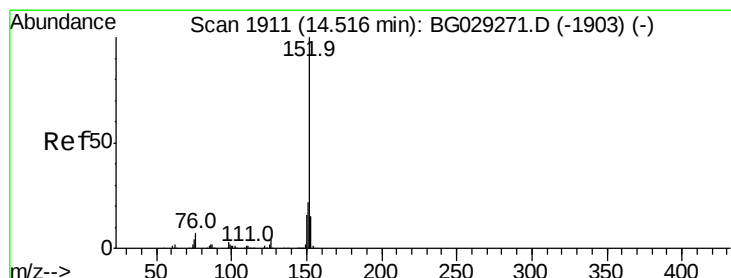
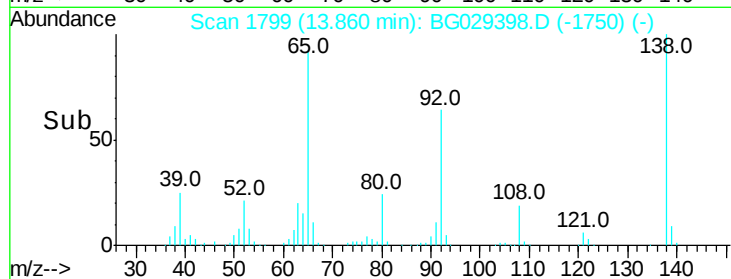
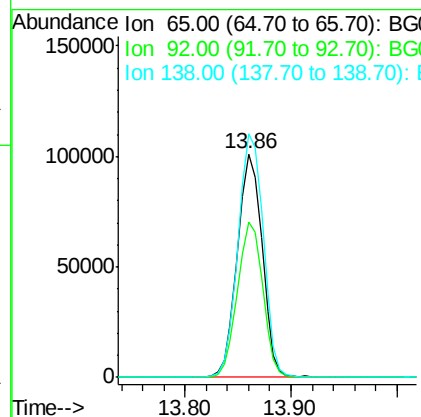
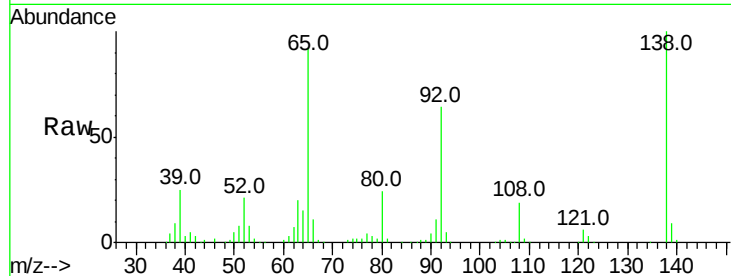
#47
 2-Nitroaniline
 Concen: 50.254 ng
 RT: 13.86 min Scan# 1799
 Delta R.T. -0.01 min
 Lab File: BG029398.D
 Acq: 21 Oct 2017 19:21

Instrument :
 BNA_G
 ClientSampled :
 RAV-GT104MSD

Tot Ion	Ratio	Resp	Lower	Upper
65	100	164596		
92	69.3	54.6	82.0	
138	109.0	72.9	109.3	

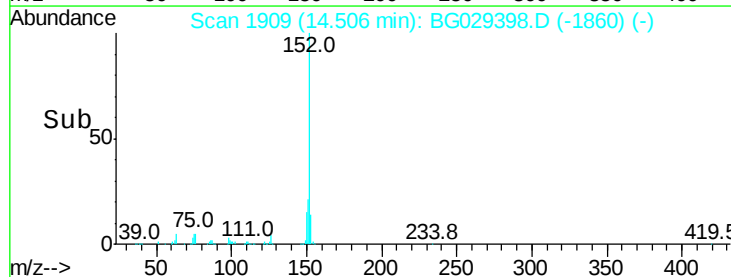
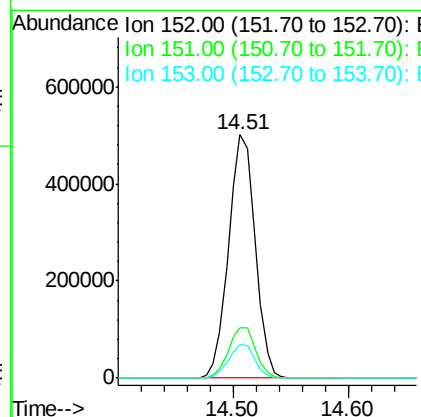
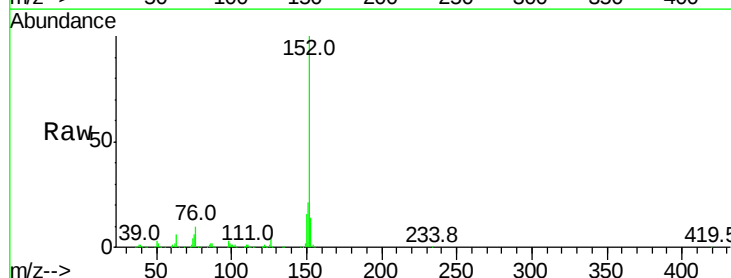
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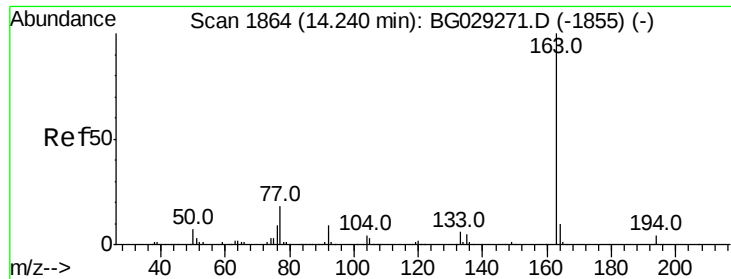
Sohil
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#48
 Acenaphthylene
 Concen: 42.736 ng
 RT: 14.51 min Scan# 1909
 Delta R.T. -0.01 min
 Lab File: BG029398.D
 Acq: 21 Oct 2017 19:21

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	797539		
151	20.9	17.2	25.8	
153	13.9	10.2	15.4	





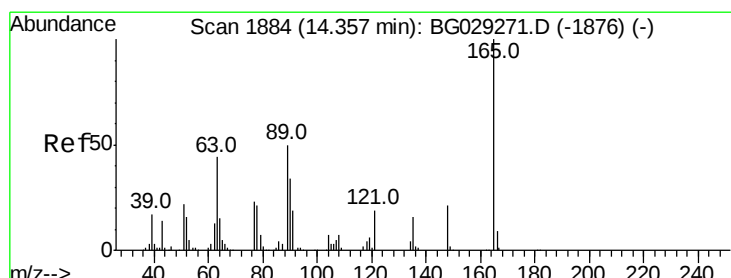
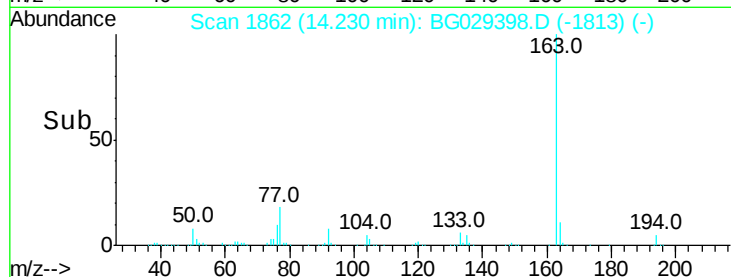
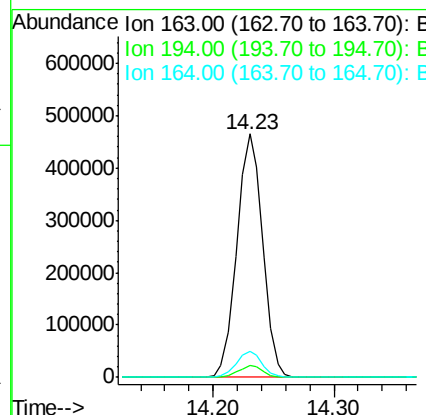
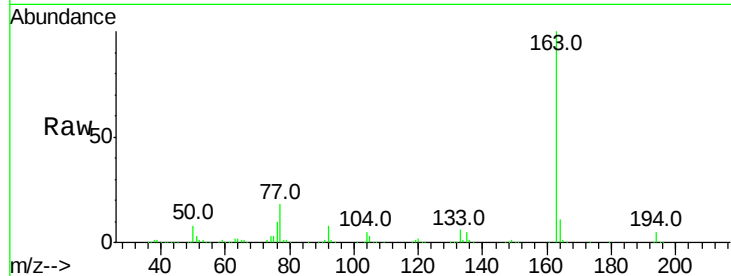
#49
Dimethylphthalate
Concen: 46.475 ng
RT: 14.23 min Scan# 1862
Delta R.T. -0.01 min
Lab File: BG029398.D
Acq: 21 Oct 2017 19:21

Instrument :
BNA_G
ClientSampleId :
RAV-GT104MSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	689667		
194	4.8		3.4	5.2
164	10.8		8.2	12.4

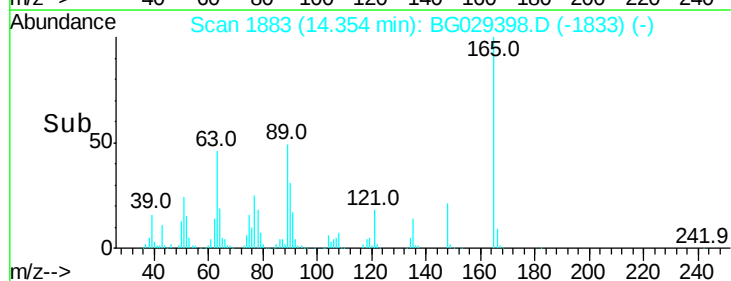
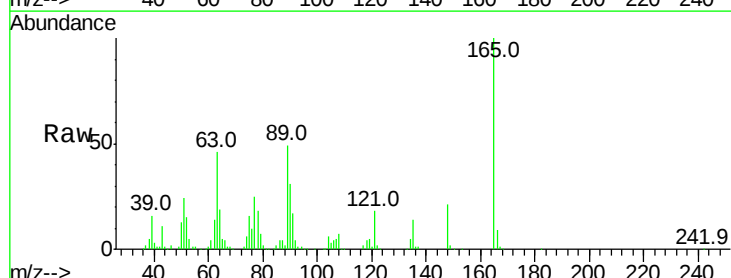
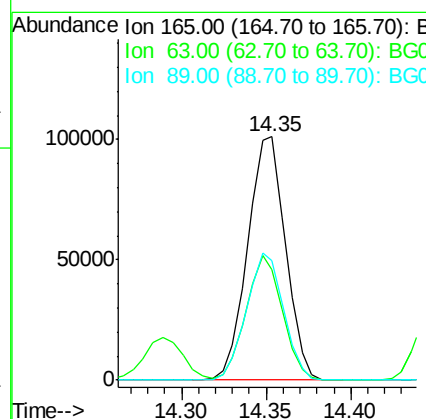
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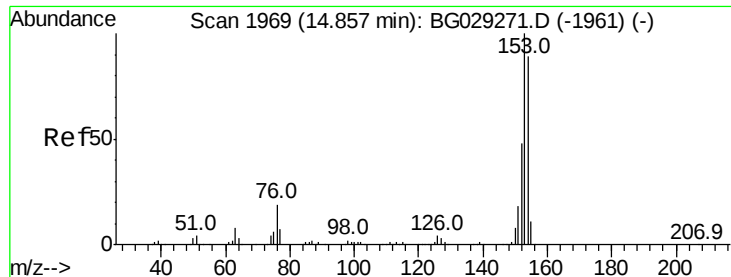
Sohil
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#50
2,6-Dinitrotoluene
Concen: 50.665 ng
RT: 14.35 min Scan# 1883
Delta R.T. -0.00 min
Lab File: BG029398.D
Acq: 21 Oct 2017 19:21

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	157610		
63	45.6		52.7	79.1#
89	49.1		49.2	73.8#





#51

Acenaphthene

Concen: 41.011 ng

RT: 14.85 min Scan# 1967

Delta R.T. -0.01 min

Lab File: BG029398.D

Acq: 21 Oct 2017 19:21

Instrument :

BNA_G

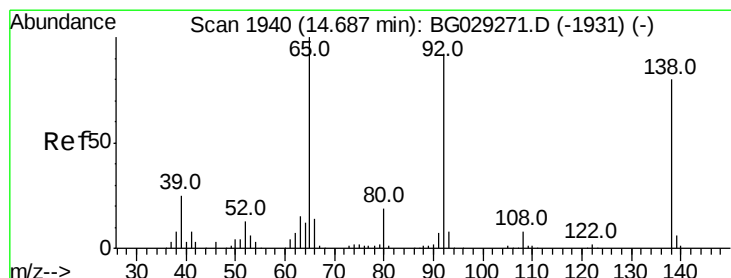
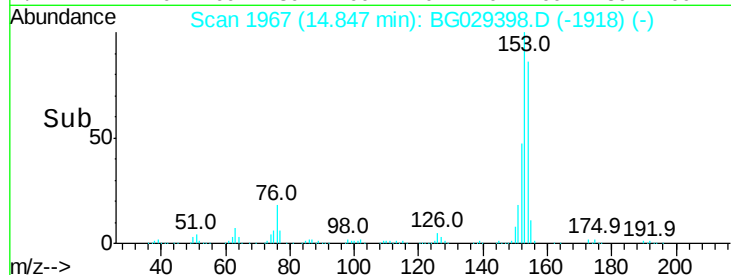
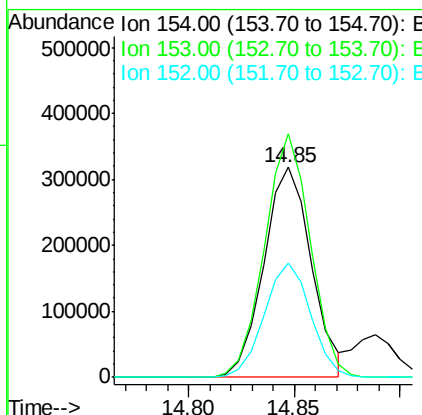
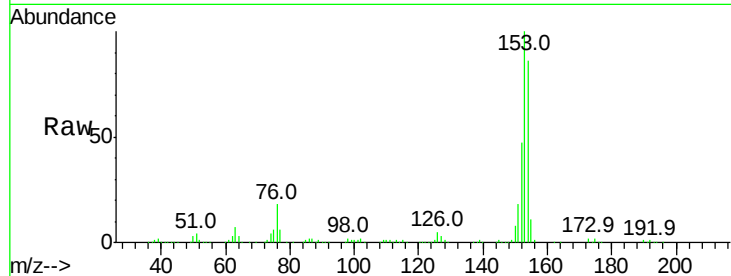
ClientSampleId :

RAV-GT104MSD

Tot Ion:	154	Resp:	497965
Ion Ratio	Lower	Upper	
154	100		
153	115.9	90.4	135.6
152	54.7	41.6	62.4

Manual Integrations
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#52

3-Nitroaniline

Concen: 23.276 ng

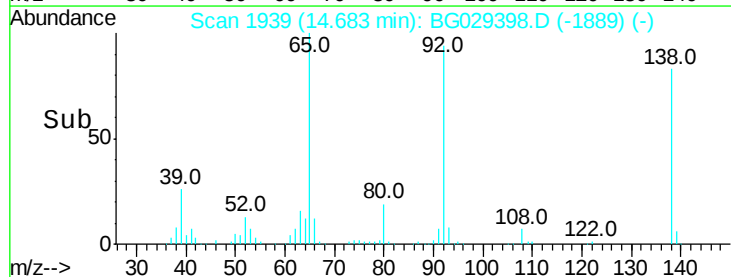
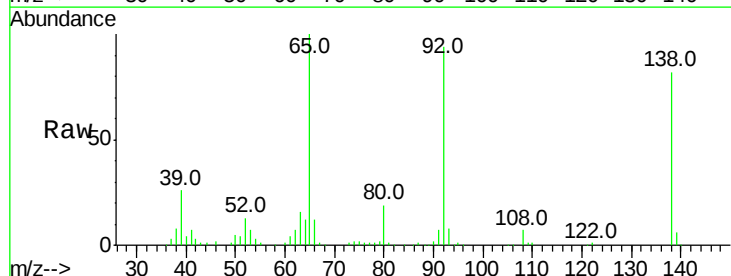
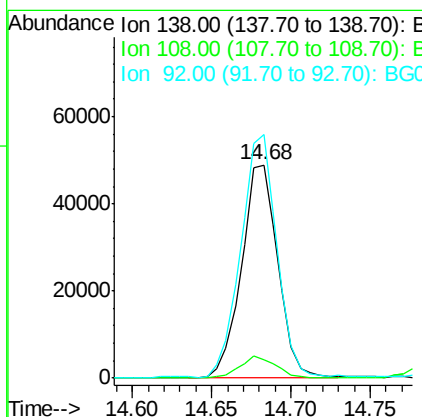
RT: 14.68 min Scan# 1939

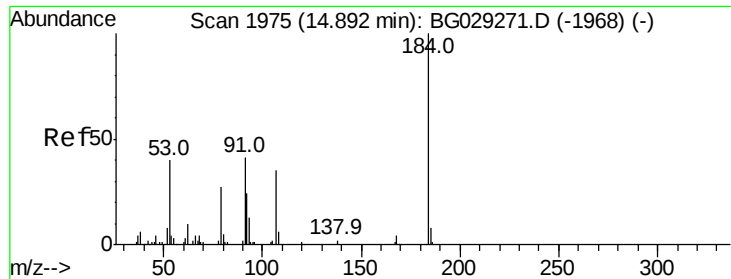
Delta R.T. -0.00 min

Lab File: BG029398.D

Acq: 21 Oct 2017 19:21

Tgt Ion:	138	Resp:	78132
Ion Ratio	Lower	Upper	
138	100		
108	8.9	17.5	26.3#
92	114.3	105.8	158.8





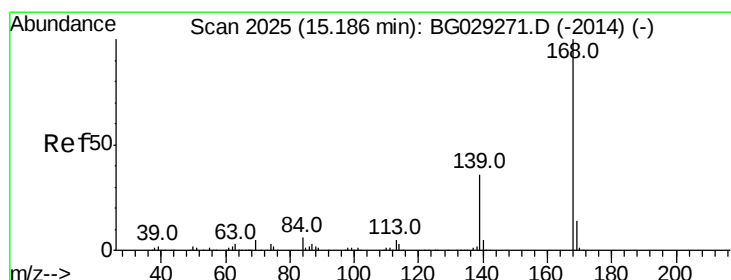
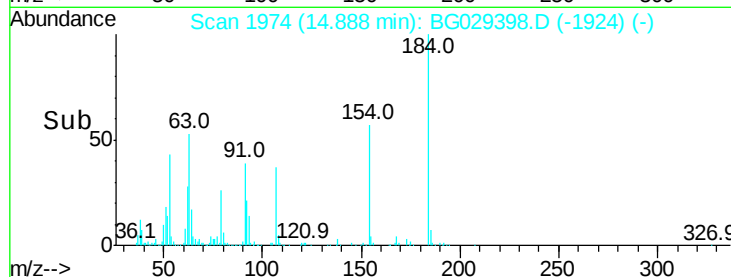
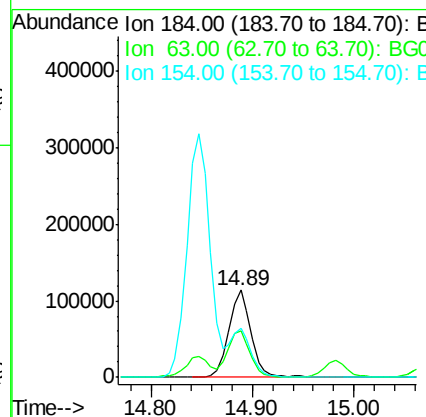
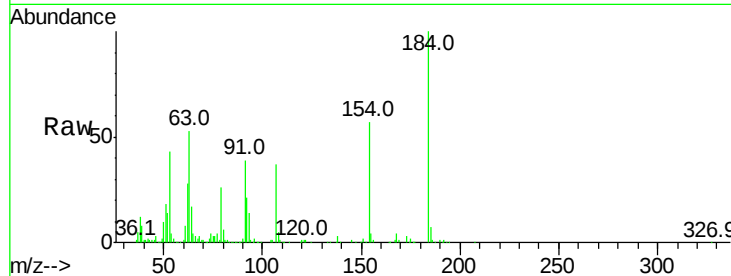
#53
2,4-Dinitrophenol
Concen: 99.730 ng
RT: 14.89 min Scan# 1974
Delta R.T. -0.00 min
Lab File: BG029398.D
Acq: 21 Oct 2017 19:21

Instrument :
BNA_G
ClientSampleId :
RAV-GT104MSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	52.7	59.8	89.8#
154	56.5	101.8	152.8#

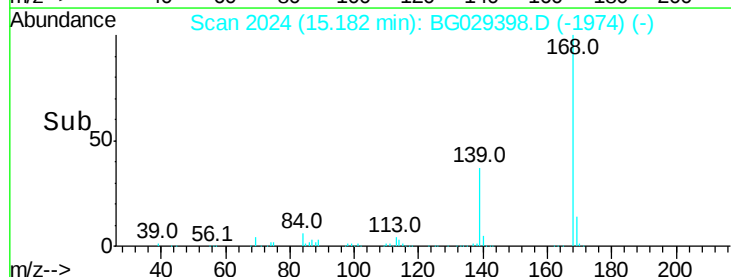
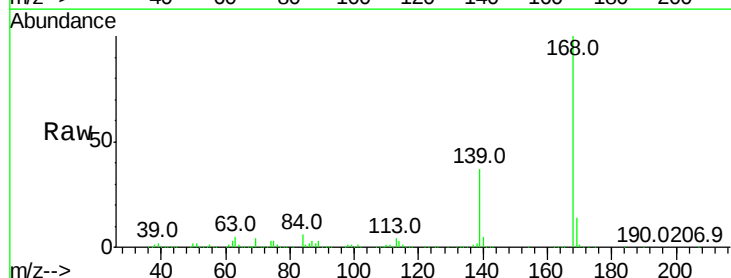
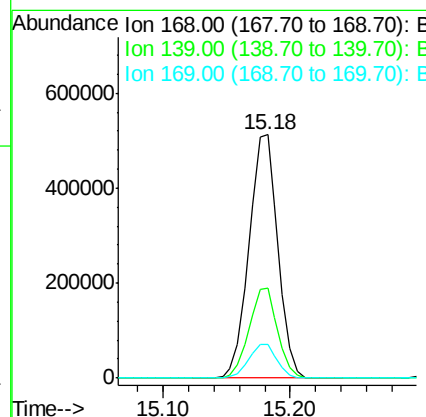
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#54
Dibenzofuran
Concen: 46.637 ng
RT: 15.18 min Scan# 2024
Delta R.T. -0.00 min
Lab File: BG029398.D
Acq: 21 Oct 2017 19:21

Tgt Ion	Ratio	Lower	Upper
168	100		
139	36.8	28.6	43.0
169	13.8	11.2	16.8





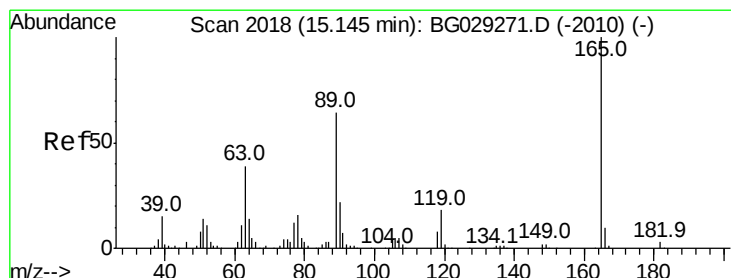
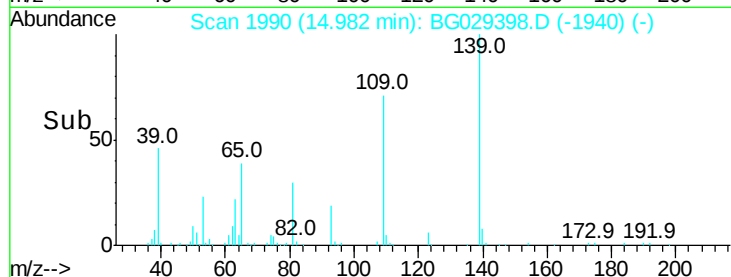
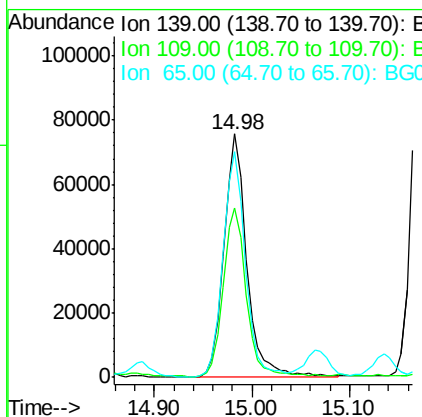
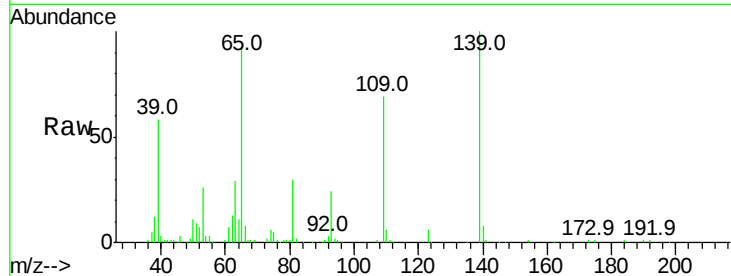
#55
4-Nitrophenol
Concen: 44.847 ng
RT: 14.98 min Scan# 1990
Delta R.T. -0.00 min
Lab File: BG029398.D
Acq: 21 Oct 2017 19:21

Instrument :
BNA_G
ClientSampleId :
RAV-GT104MSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	124111		
109	69.4	62.2	102.2	
65	92.5	97.2	137.2#	

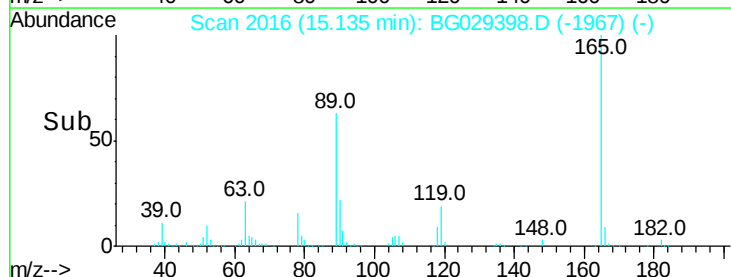
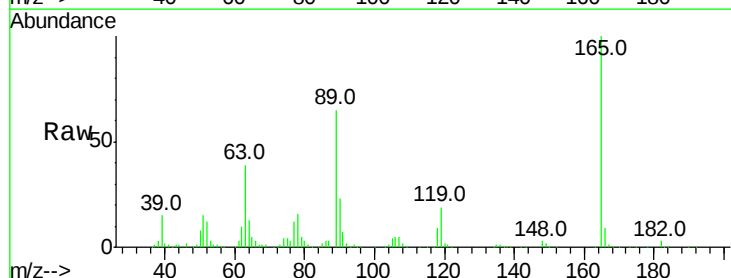
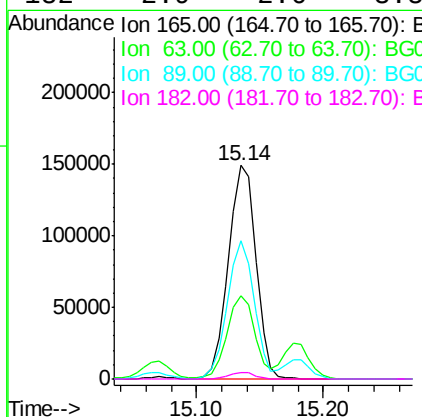
Manual Integrations
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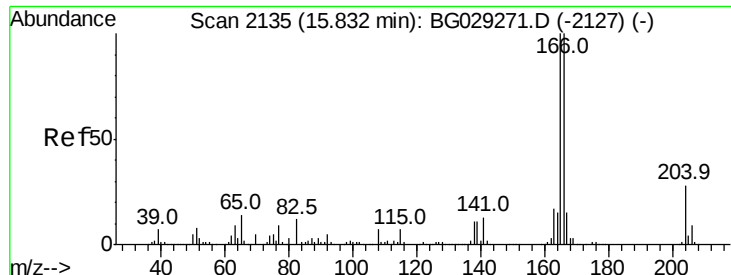
Sohil
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#56
2,4-Dinitrotoluene
Concen: 53.222 ng
RT: 15.14 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BG029398.D
Acq: 21 Oct 2017 19:21

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	224122		
63	38.8	42.0	63.0#	
89	64.9	66.9	100.3#	
182	2.9	2.6	3.8	





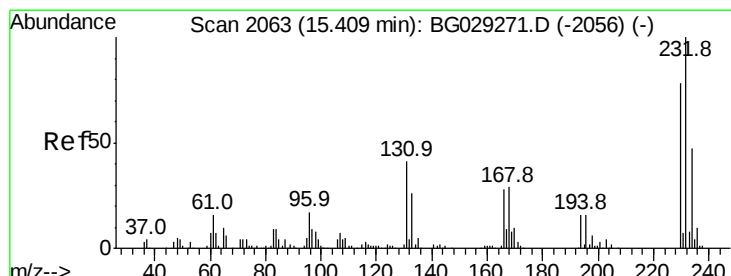
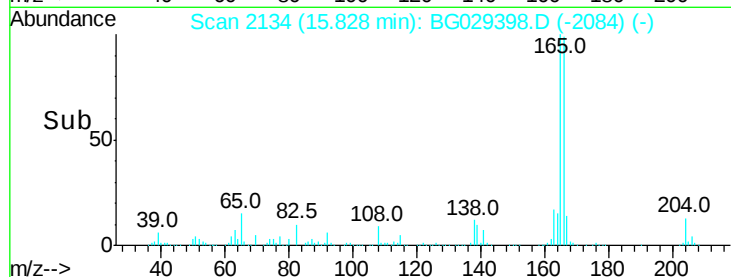
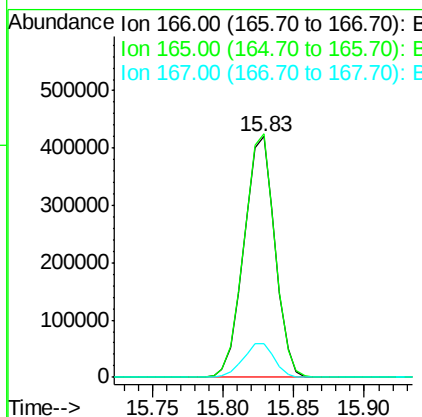
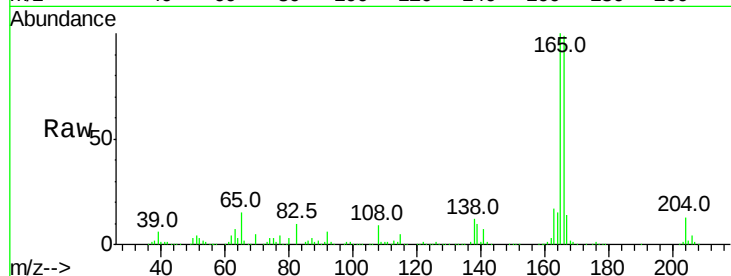
#57
Fluorene
 Concen: 44.962 ng
 RT: 15.83 min Scan# 2134
 Delta R.T. -0.00 min
 Lab File: BG029398.D
 Acq: 21 Oct 2017 19:21

Instrument :
 BNA_G
 ClientSampleId :
 RAV-GT104MSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	101.1	80.6	121.0	
167	13.9	10.4	15.6	

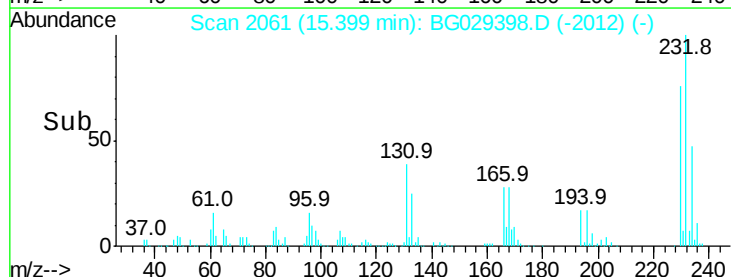
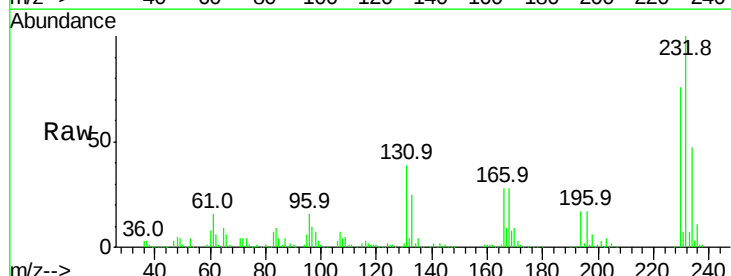
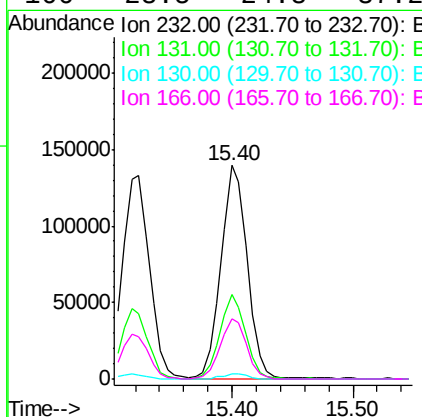
Manual Integrations
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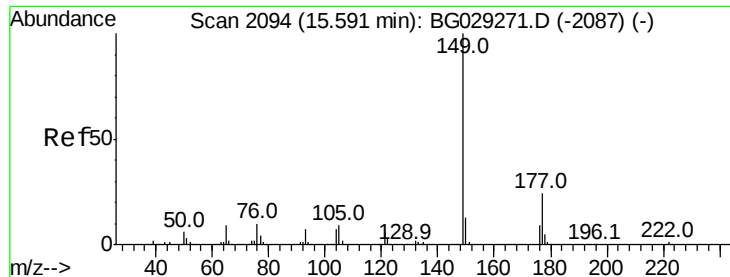
Sohil
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 56.006 ng
 RT: 15.40 min Scan# 2061
 Delta R.T. -0.01 min
 Lab File: BG029398.D
 Acq: 21 Oct 2017 19:21

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	38.1	33.5	50.3	
130	2.2	2.2	3.2	
166	28.5	24.8	37.2	





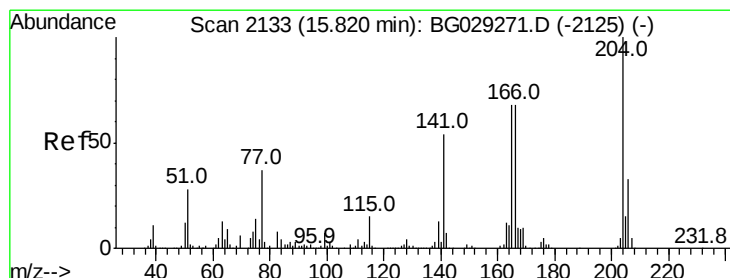
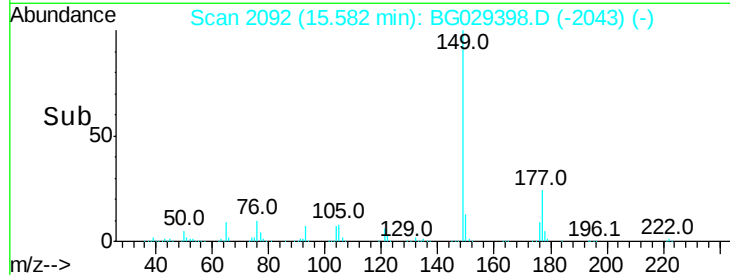
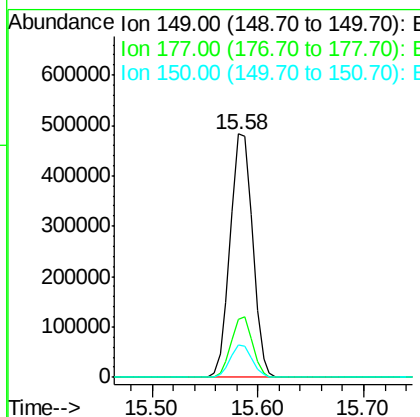
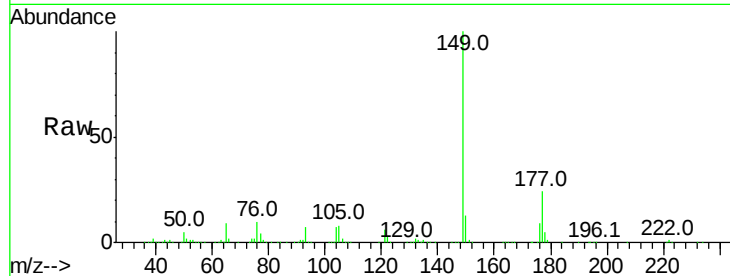
#59
Diethylphthalate
Concen: 47.615 ng
RT: 15.58 min Scan# 2092
Delta R.T. -0.01 min
Lab File: BG029398.D
Acq: 21 Oct 2017 19:21

Instrument :
BNA_G
ClientSampleId :
RAV-GT104MSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	23.9	18.5	27.7
150	13.1	10.2	15.2

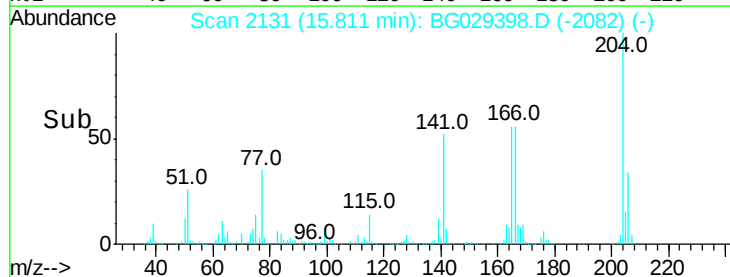
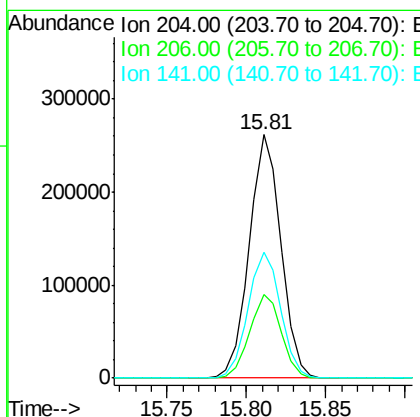
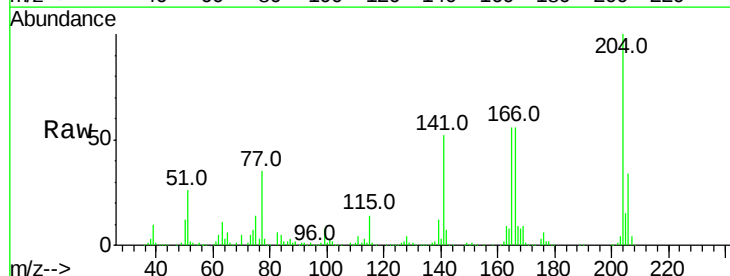
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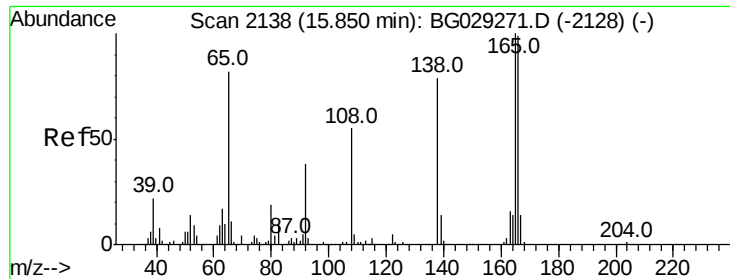
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#60
4-Chlorophenyl-phenylether
Concen: 47.621 ng
RT: 15.81 min Scan# 2131
Delta R.T. -0.01 min
Lab File: BG029398.D
Acq: 21 Oct 2017 19:21

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.3	26.2	39.2
141	51.6	45.8	68.6





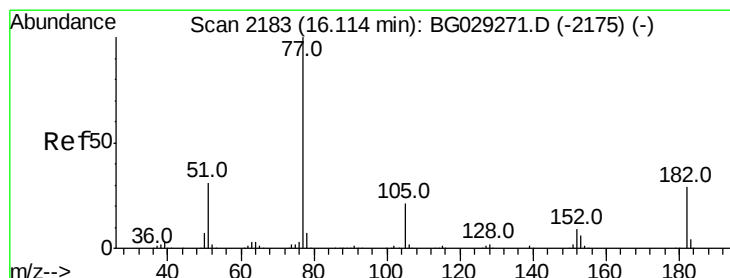
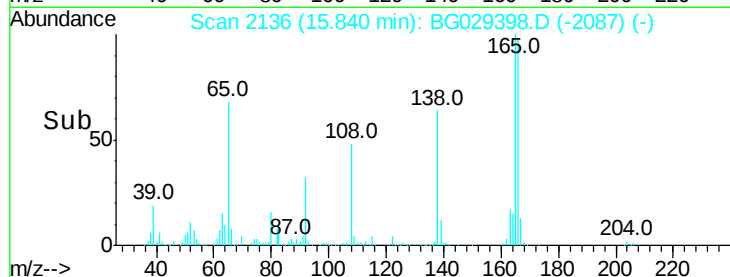
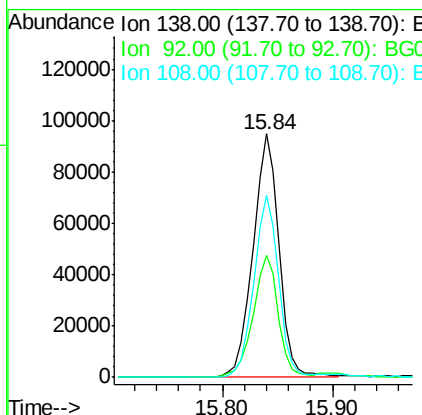
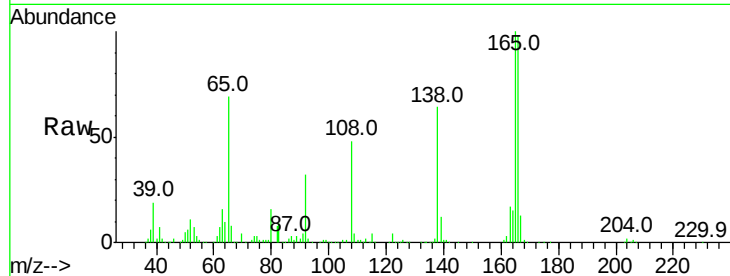
#61
4-Nitroaniline
Concen: 45.588 ng
RT: 15.84 min Scan# 2136
Delta R.T. -0.01 min
Lab File: BG029398.D
Acq: 21 Oct 2017 19:21

Instrument :
BNA_G
ClientSampleId :
RAV-GT104MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	49.9	40.1	80.1
108	74.7	65.4	105.4

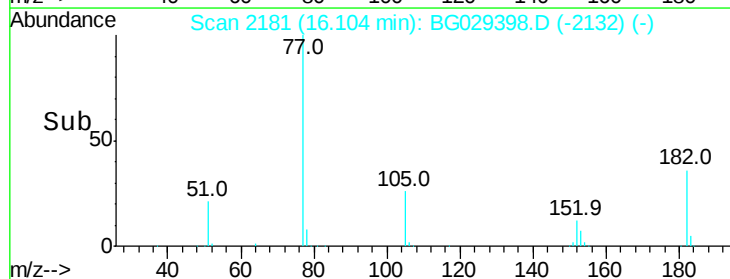
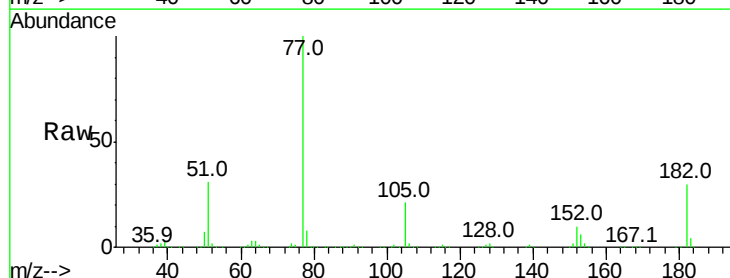
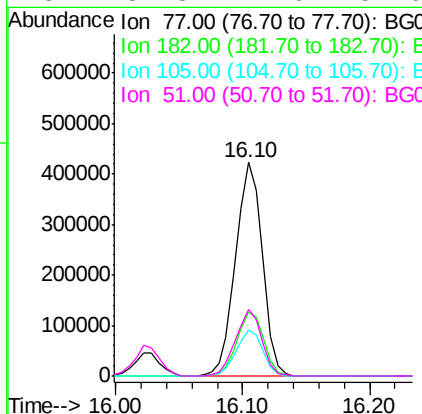
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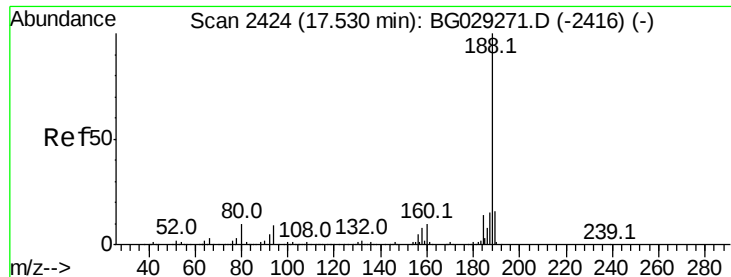
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#62
Azobenzene
Concen: 49.264 ng
RT: 16.10 min Scan# 2181
Delta R.T. -0.01 min
Lab File: BG029398.D
Acq: 21 Oct 2017 19:21

Tgt Ion	Ratio	Lower	Upper
77	100		
182	29.7	7.4	47.4
105	21.4	0.3	40.3
51	31.3	11.6	51.6





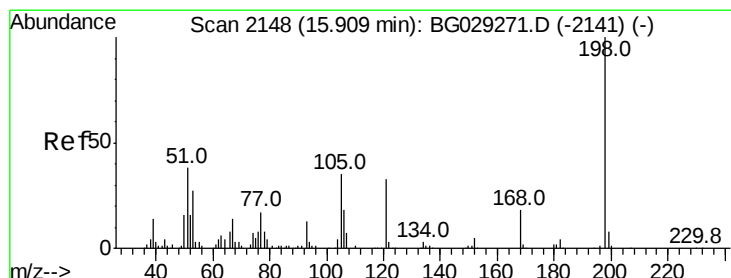
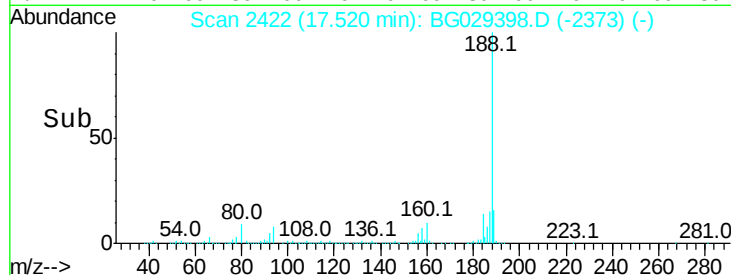
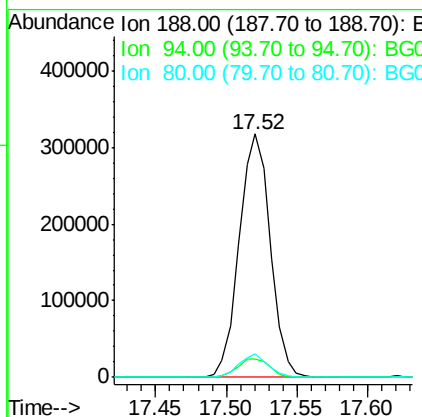
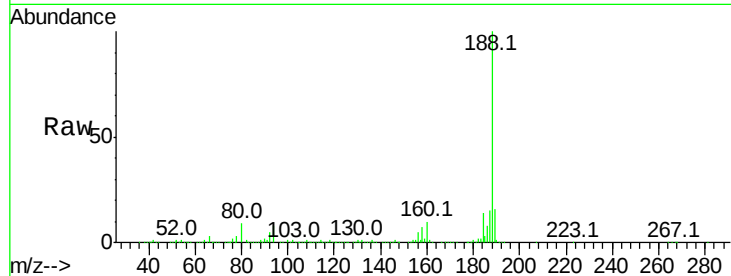
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG029398.D
Acq: 21 Oct 2017 19:21

Instrument :
BNA_G
ClientSampleId :
RAV-GT104MSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	487742		
94	7.7	6.9	10.3	
80	9.4	7.7	11.5	

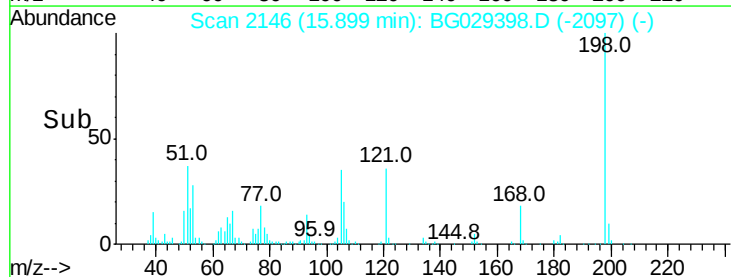
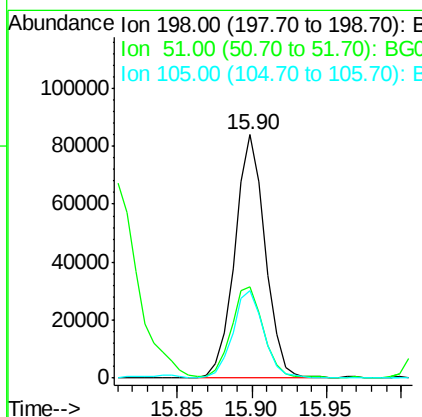
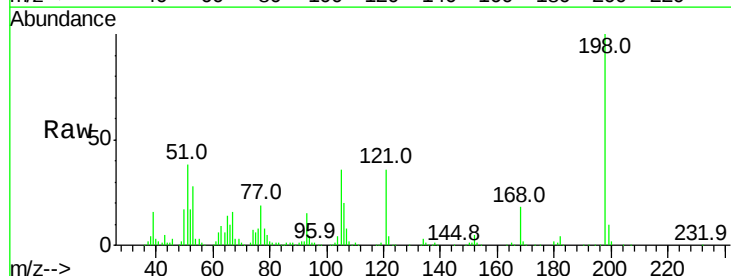
Manual Integrations
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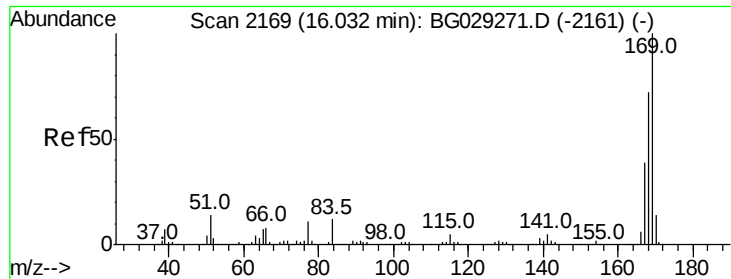
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#64
4,6-Dinitro-2-methylphenol
Concen: 43.315 ng
RT: 15.90 min Scan# 2146
Delta R.T. -0.01 min
Lab File: BG029398.D
Acq: 21 Oct 2017 19:21

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	118630		
51	37.6	30.6	70.6	
105	35.8	23.8	63.8	





#65

n-Nitrosodiphenylamine

Concen: 41.751 ng

RT: 16.03 min Scan# 2168

Delta R.T. -0.00 min

Lab File: BG029398.D

Acq: 21 Oct 2017 19:21

Instrument :

BNA_G

ClientSampleId :

RAV-GT104MSD

Tot Ion:169 Resp: 610019

Ion Ratio Lower Upper

169 100

168 70.1 55.7 83.5

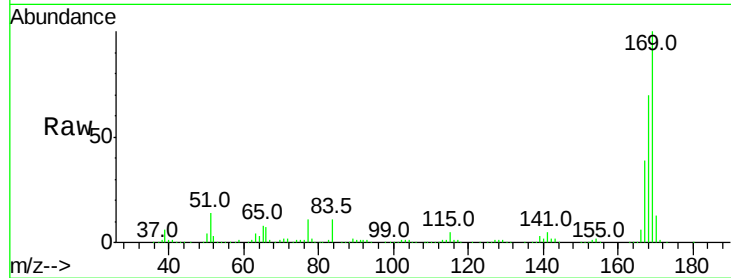
167 39.1 30.1 45.1

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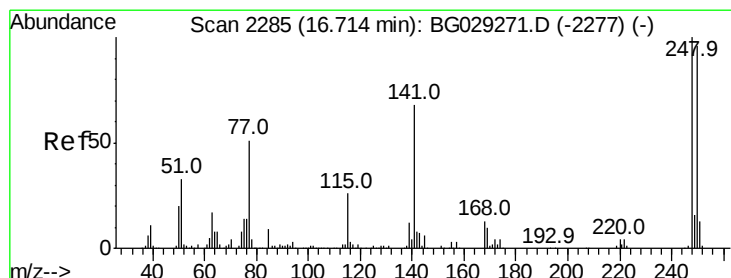
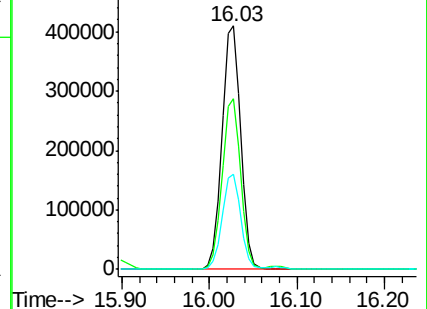
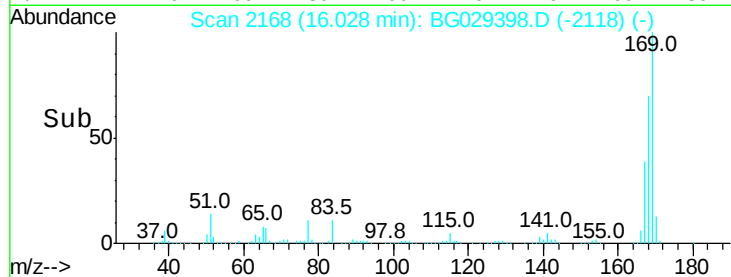
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 44.790 ng

RT: 16.70 min Scan# 2283

Delta R.T. -0.01 min

Lab File: BG029398.D

Acq: 21 Oct 2017 19:21

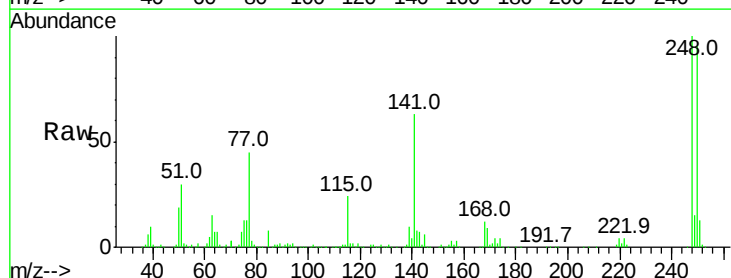
Tgt Ion:248 Resp: 250679

Ion Ratio Lower Upper

248 100

250 95.5 77.1 115.7

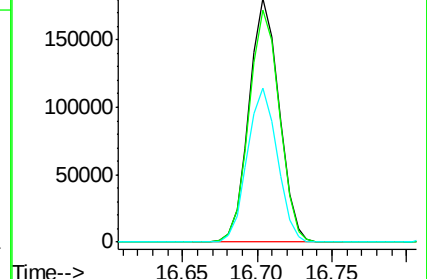
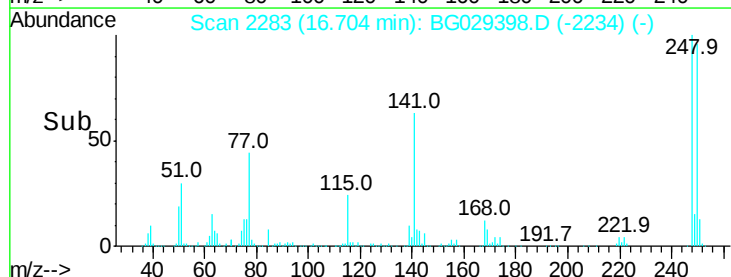
141 63.2 50.8 76.2



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





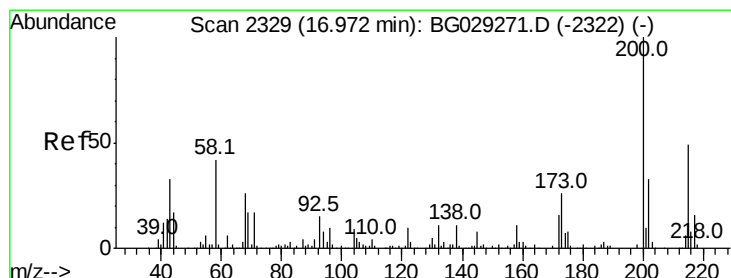
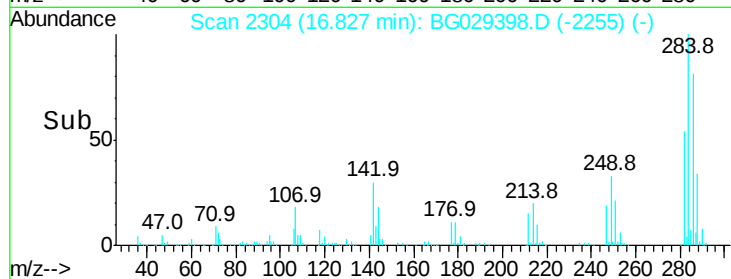
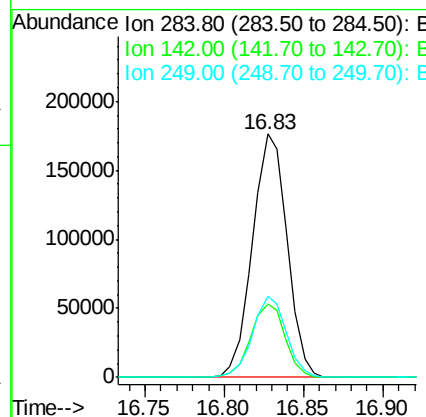
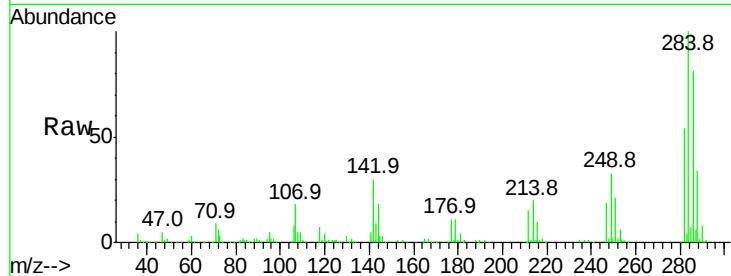
#67
Hexachlorobenzene
Concen: 42.158 ng
RT: 16.83 min Scan# 2304
Delta R.T. -0.01 min
Lab File: BG029398.D
Acq: 21 Oct 2017 19:21

Instrument :
BNA_G
ClientSampleId :
RAV-GT104MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	30.4	26.8	40.2
249	33.1	26.3	39.5

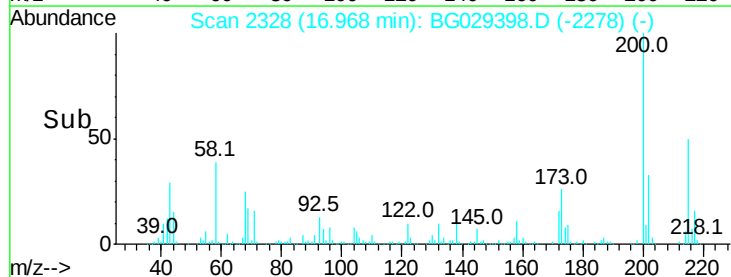
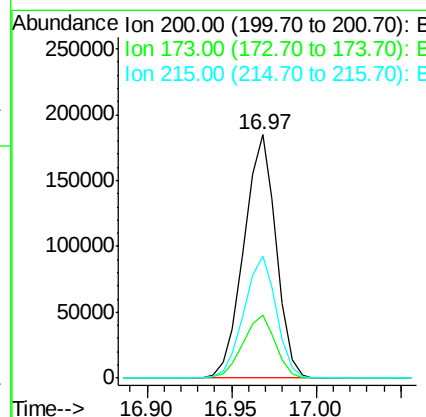
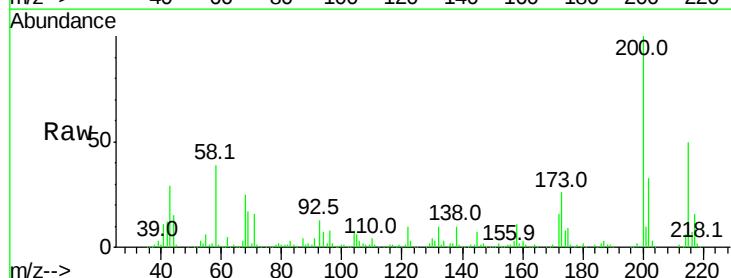
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#68
Atrazine
Concen: 46.914 ng
RT: 16.97 min Scan# 2328
Delta R.T. -0.00 min
Lab File: BG029398.D
Acq: 21 Oct 2017 19:21

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	25.8	5.2	45.2
215	50.1	30.4	70.4





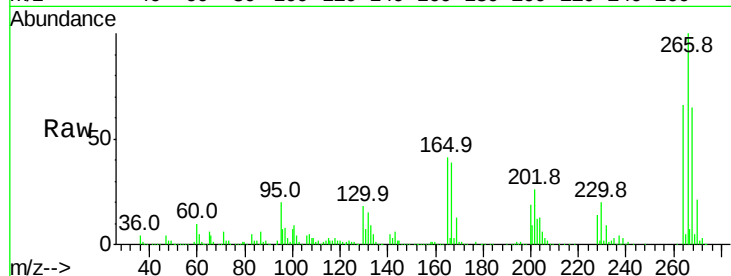
#69
 Pentachlorophenol
 Concen: 90.184 ng
 RT: 17.17 min Scan# 2362
 Delta R.T. -0.01 min
 Lab File: BG029398.D
 Acq: 21 Oct 2017 19:21

Instrument :
 BNA_G
 ClientSampleId :
 RAV-GT104MSD

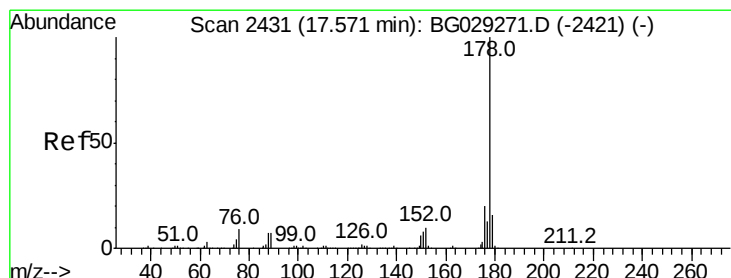
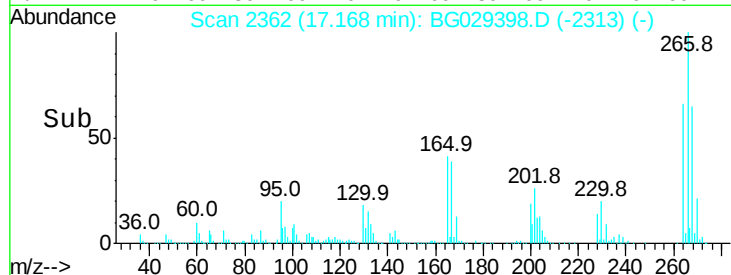
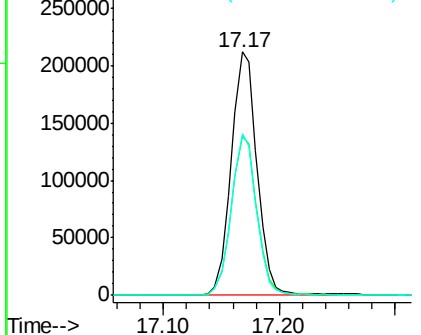
Tot Ion	Ratio	Lower	Upper
266	100		
268	65.4	51.1	76.7
264	66.2	49.6	74.4

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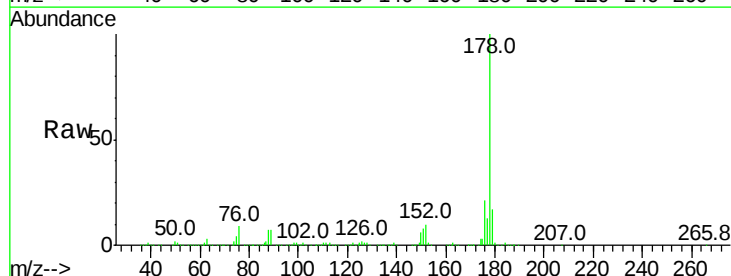


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

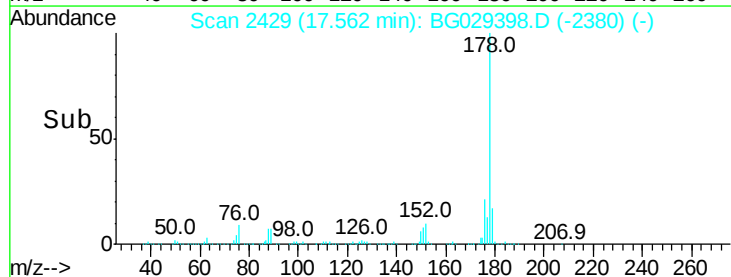
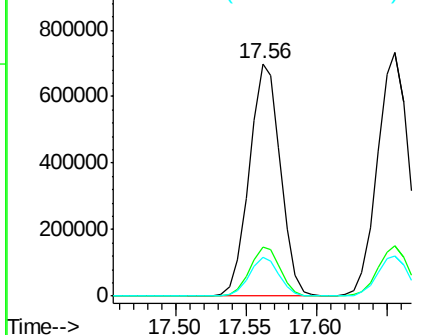


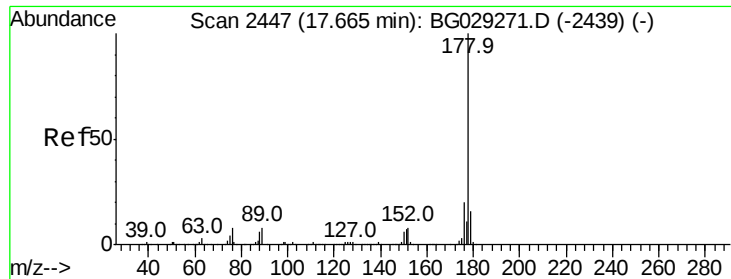
#70
 Phenanthrene
 Concen: 42.899 ng
 RT: 17.56 min Scan# 2429
 Delta R.T. -0.01 min
 Lab File: BG029398.D
 Acq: 21 Oct 2017 19:21

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.0	15.7	23.5
179	16.6	12.5	18.7



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





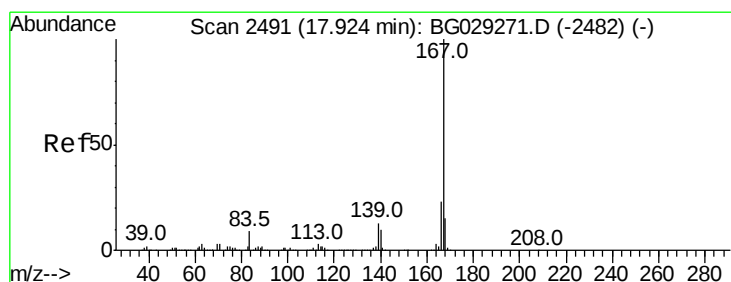
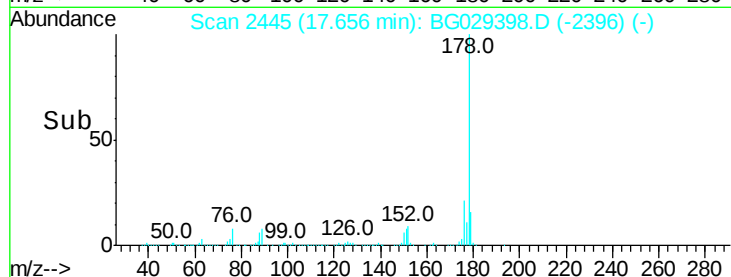
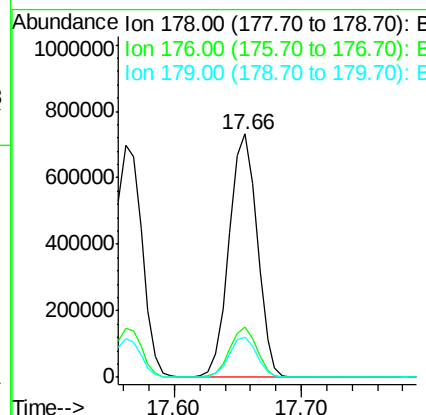
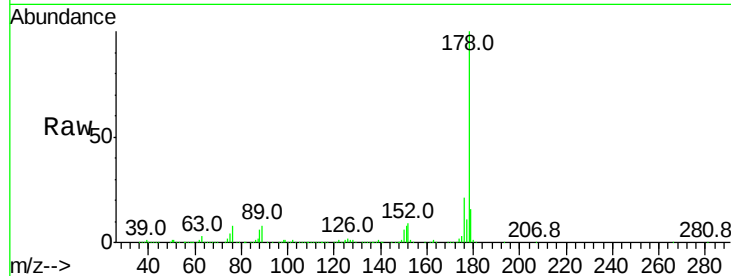
#71
 Anthracene
 Concen: 44.234 ng
 RT: 17.66 min Scan# 2445
 Delta R.T. -0.01 min
 Lab File: BG029398.D
 Acq: 21 Oct 2017 19:21

Instrument :
 BNA_G
 ClientSampleId :
 RAV-GT104MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.5	16.0	24.0
179	16.3	12.5	18.7

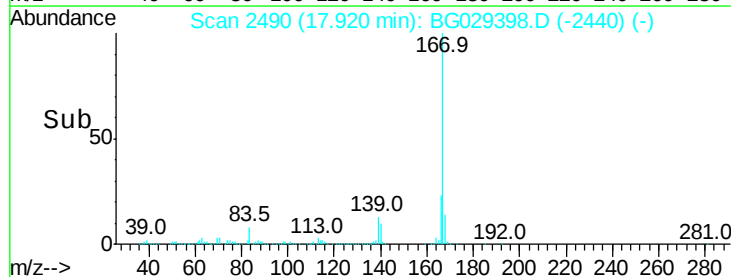
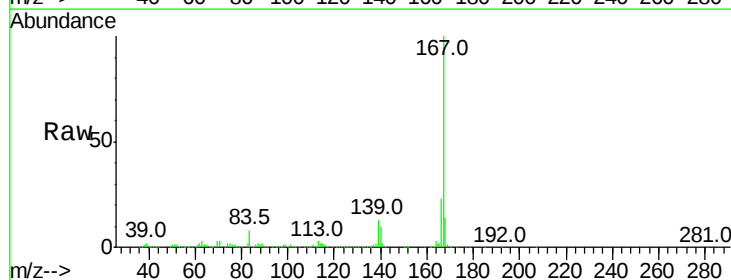
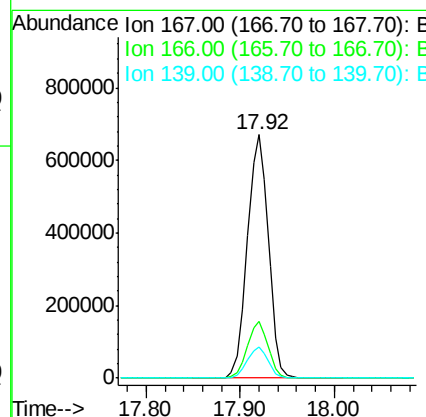
Manual Integrations
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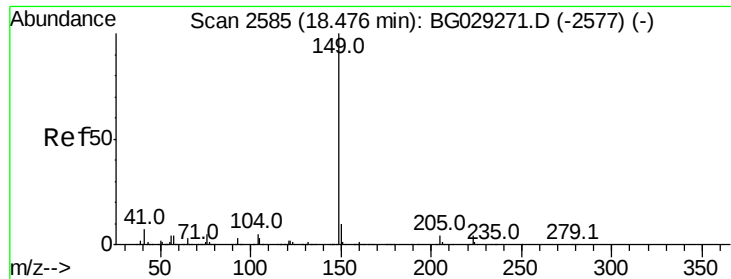
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#72
 Carbazole
 Concen: 42.709 ng
 RT: 17.92 min Scan# 2490
 Delta R.T. -0.00 min
 Lab File: BG029398.D
 Acq: 21 Oct 2017 19:21

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.4	18.2	27.4
139	12.7	9.4	14.2





#73

Di-n-butylphthalate

Concen: 43.675 ng

RT: 18.47 min Scan# 2583

Delta R.T. -0.01 min

Lab File: BG029398.D

Acq: 21 Oct 2017 19:21

Instrument :

BNA_G

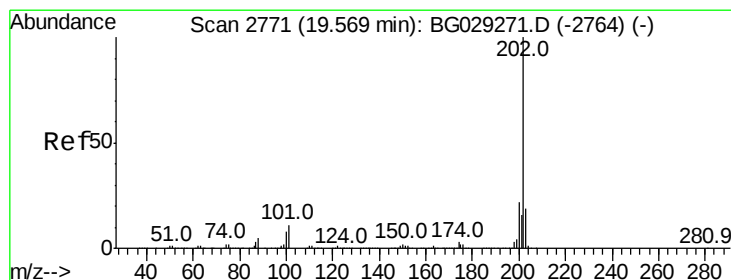
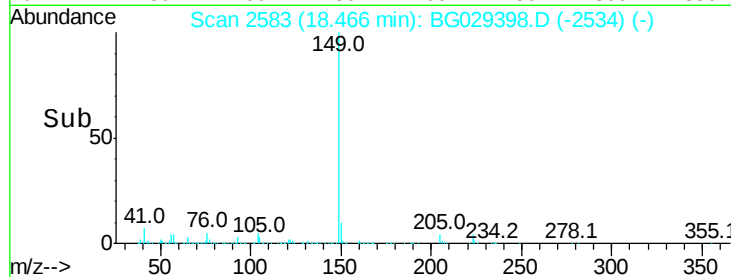
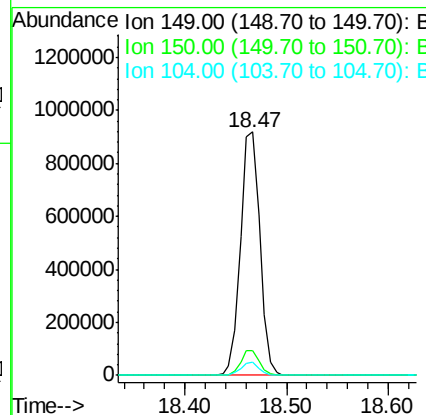
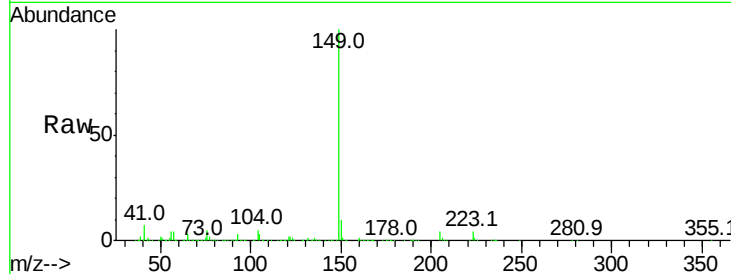
ClientSampleId :

RAV-GT104MSD

Tot Ion:	149	Resp:	1220846
Ion Ratio	Lower	Upper	
149	100		
150	9.9	7.8	11.6
104	5.3	3.9	5.9

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#74

Fluoranthene

Concen: 45.700 ng

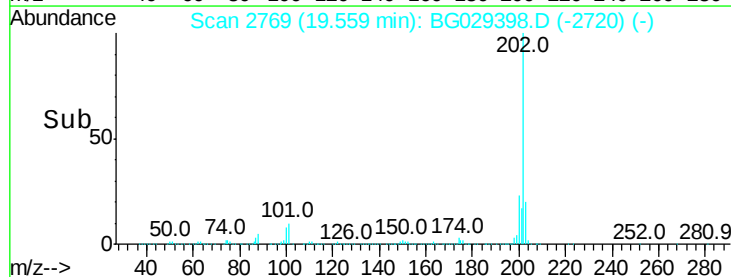
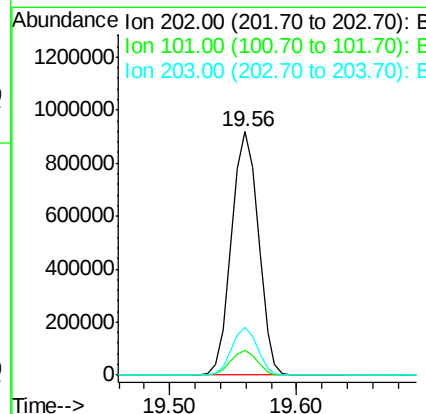
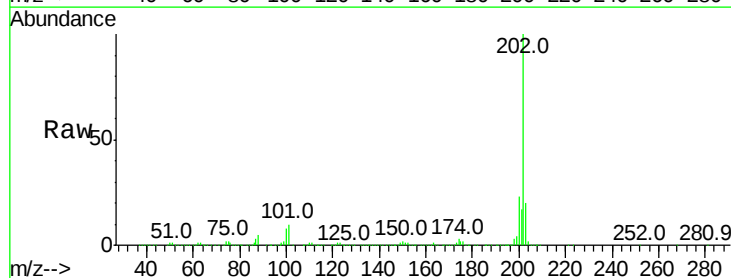
RT: 19.56 min Scan# 2769

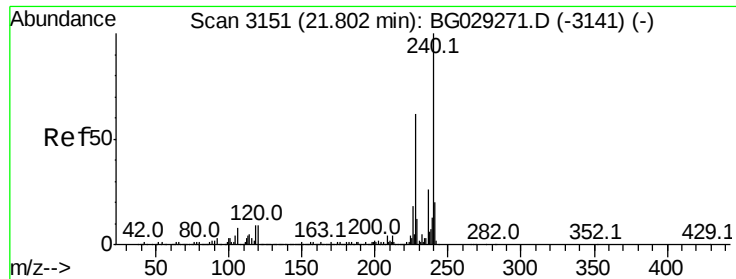
Delta R.T. -0.01 min

Lab File: BG029398.D

Acq: 21 Oct 2017 19:21

Tgt Ion:	202	Resp:	1346829
Ion Ratio	Lower	Upper	
202	100		
101	10.1	0.0	28.9
203	19.7	0.0	37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.79 min Scan# 3149

Delta R.T. -0.01 min

Lab File: BG029398.D

Acq: 21 Oct 2017 19:21

Instrument :

BNA_G

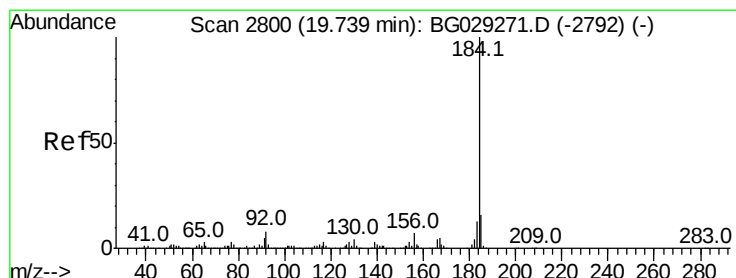
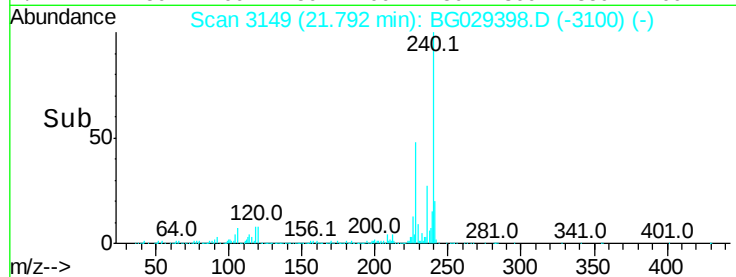
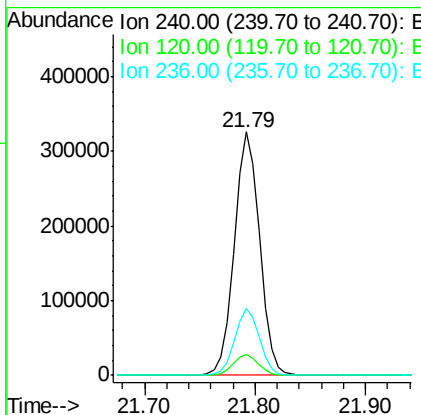
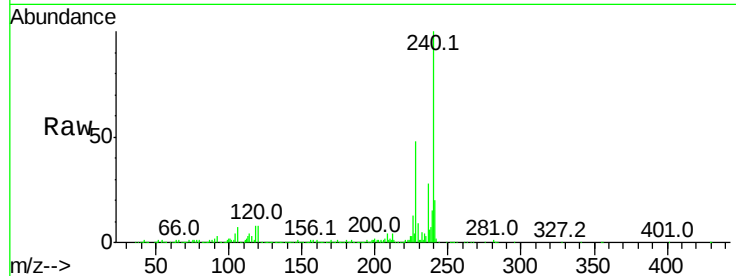
ClientSampleId :

RAV-GT104MSD

Tot Ion:	240	Resp:	524580
Ion Ratio	Lower	Upper	
240	100		
120	8.4	6.8	10.2
236	27.5	20.9	31.3

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#76

Benzidine

Concen: 28.145 ng

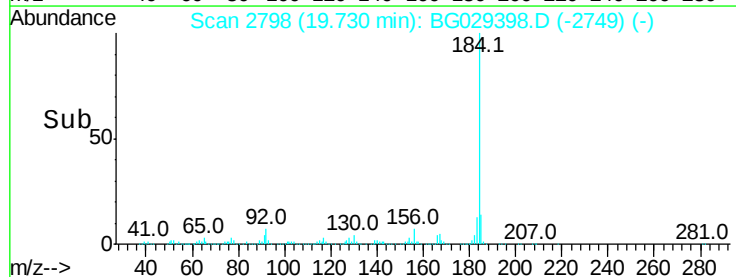
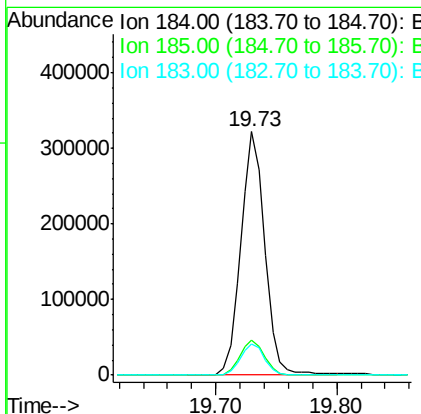
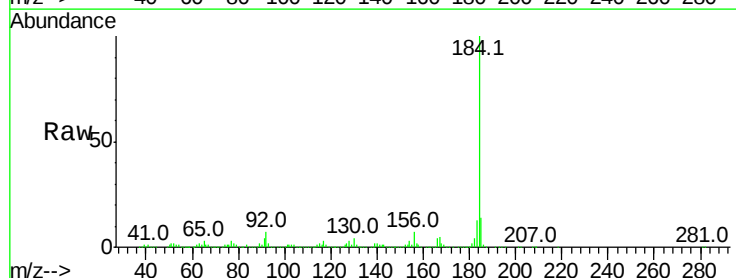
RT: 19.73 min Scan# 2798

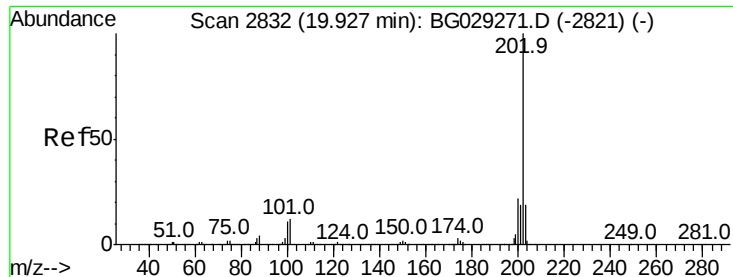
Delta R.T. -0.01 min

Lab File: BG029398.D

Acq: 21 Oct 2017 19:21

Tgt Ion:	184	Resp:	445792
Ion Ratio	Lower	Upper	
184	100		
185	14.3	11.1	16.7
183	12.6	10.6	16.0





#77

Pvrene

Concen: 43.672 ng

RT: 19.92 min Scan# 2830

Delta R.T. -0.01 min

Lab File: BG029398.D

Acq: 21 Oct 2017 19:21

Instrument :

BNA_G

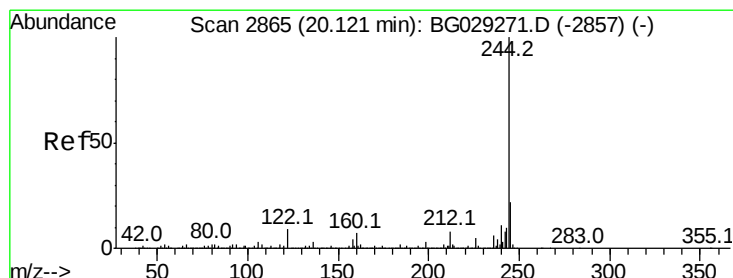
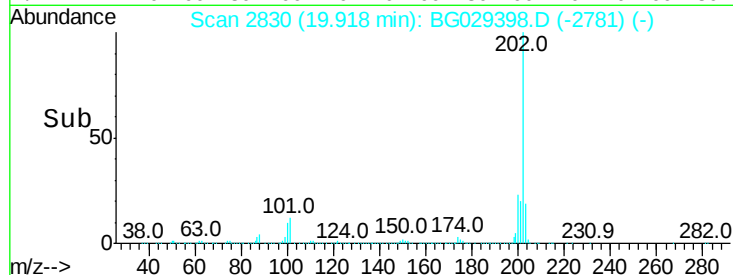
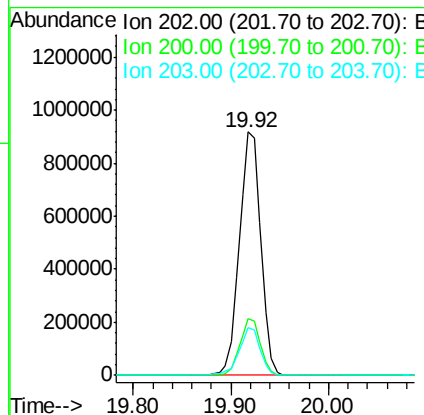
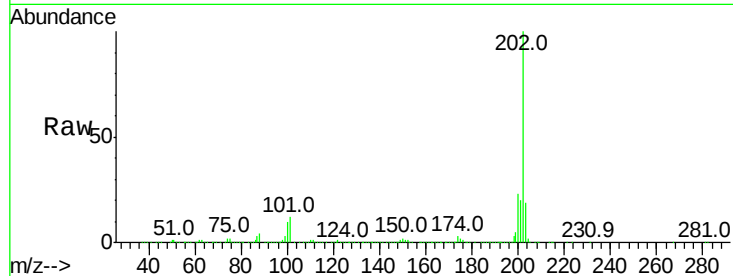
ClientSampleId :

RAV-GT104MSD

Tot Ion:	202	Resp:	1389718
Ion Ratio	Lower	Upper	
202	100		
200	23.2	16.9	25.3
203	19.4	13.9	20.9

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#78

Terphenyl-d14

Concen: 85.052 ng

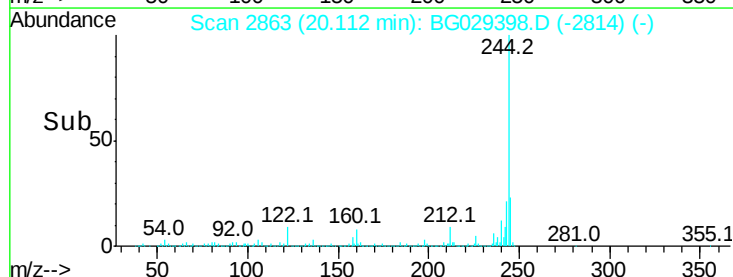
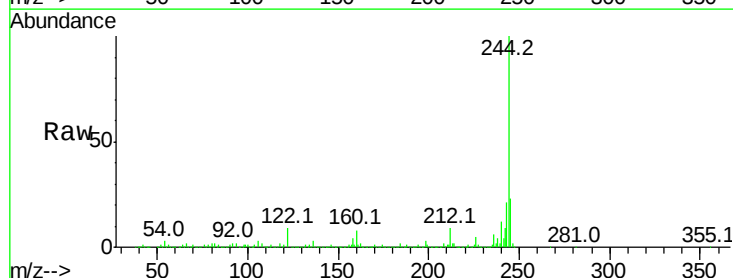
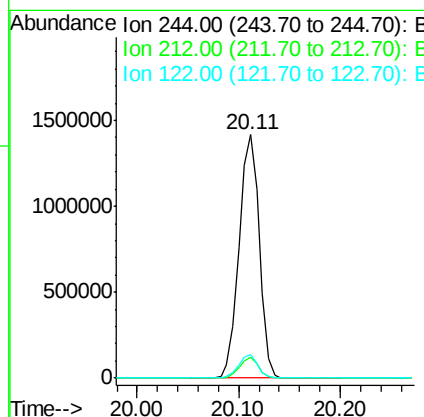
RT: 20.11 min Scan# 2863

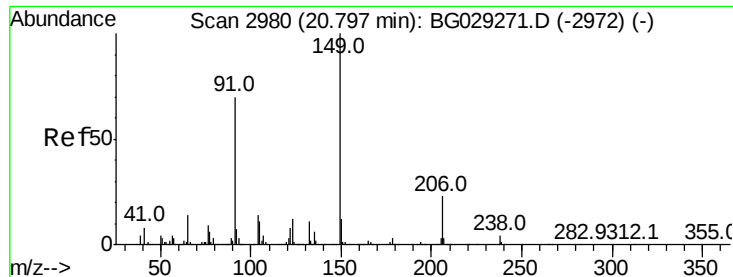
Delta R.T. -0.01 min

Lab File: BG029398.D

Acq: 21 Oct 2017 19:21

Tgt Ion:	244	Resp:	1961233
Ion Ratio	Lower	Upper	
244	100		
212	8.6	5.8	8.8
122	9.5	7.0	10.4





#79

Butylbenzylphthalate

Concen: 43.289 ng

RT: 20.79 min Scan# 2979

Delta R.T. -0.00 min

Lab File: BG029398.D

Acq: 21 Oct 2017 19:21

Instrument :

BNA_G

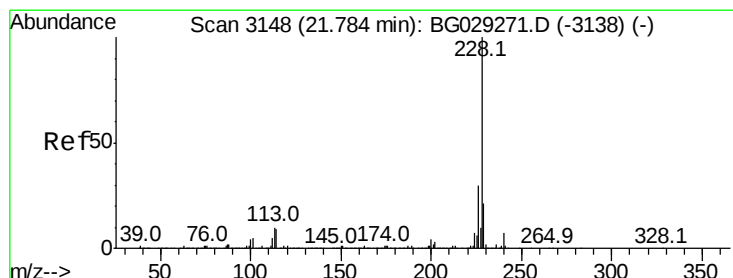
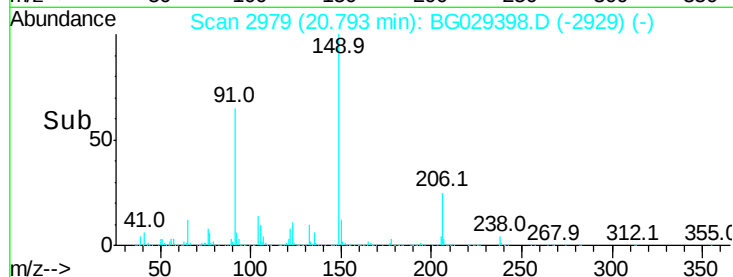
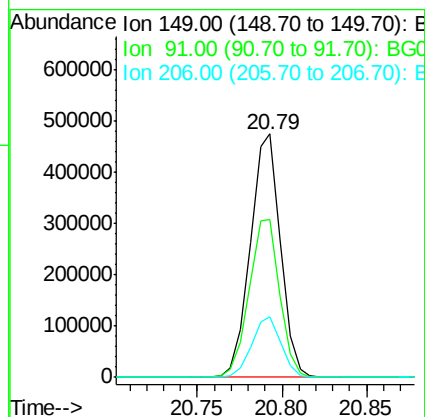
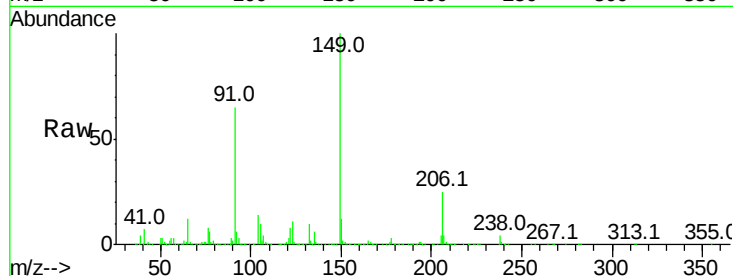
ClientSampleId :

RAV-GT104MSD

Tot Ion:	149	Resp:	586892
Ion Ratio	Lower	Upper	
149	100		
91	64.8	62.2	93.2
206	25.0	18.6	27.8

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#80

Benzo(a)anthracene

Concen: 45.232 ng

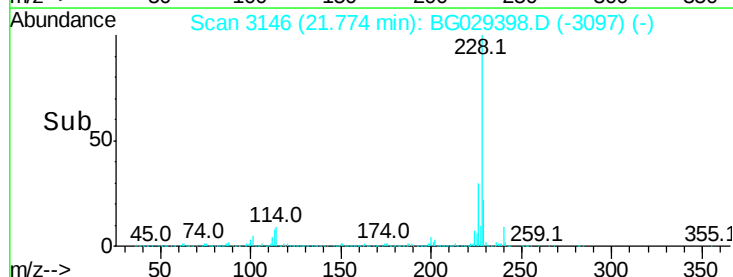
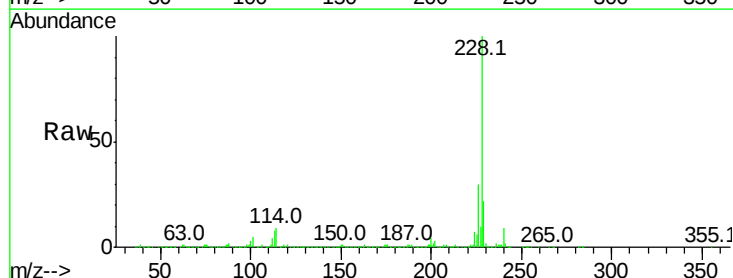
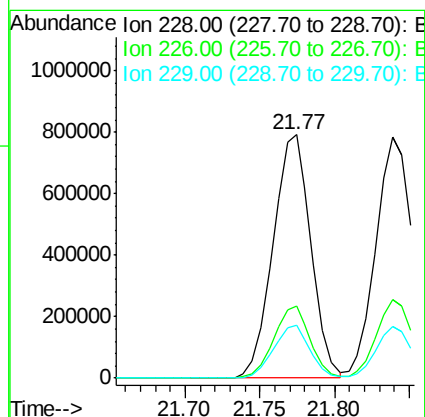
RT: 21.77 min Scan# 3146

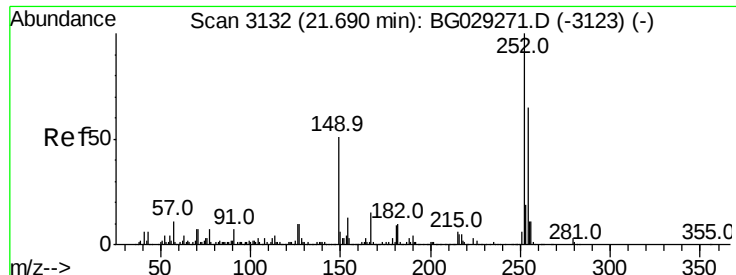
Delta R.T. -0.01 min

Lab File: BG029398.D

Acq: 21 Oct 2017 19:21

Tgt Ion:	228	Resp:	1393109
Ion Ratio	Lower	Upper	
228	100		
226	29.6	22.7	34.1
229	21.6	16.2	24.2





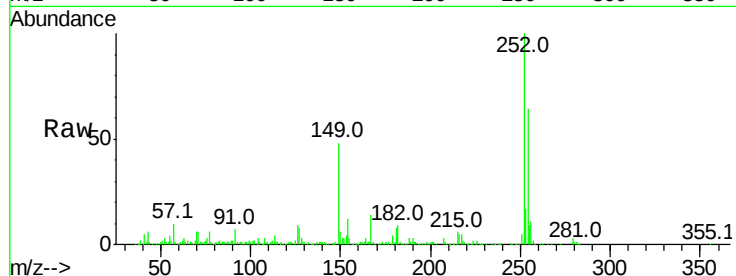
#81
 3,3'-Dichlorobenzidine
 Concen: 22.545 ng
 RT: 21.68 min Scan# 3130
 Delta R.T. -0.01 min
 Lab File: BG029398.D
 Acq: 21 Oct 2017 19:21

Instrument :
 BNA_G
 ClientSampleId :
 RAV-GT104MSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.1	50.8	76.2
126	8.6	7.4	11.2

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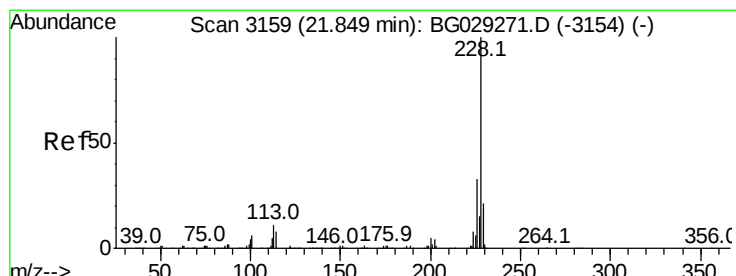
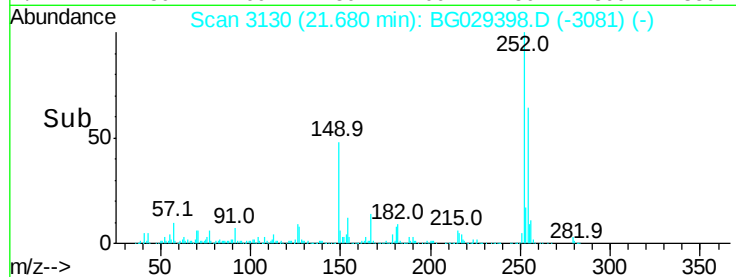
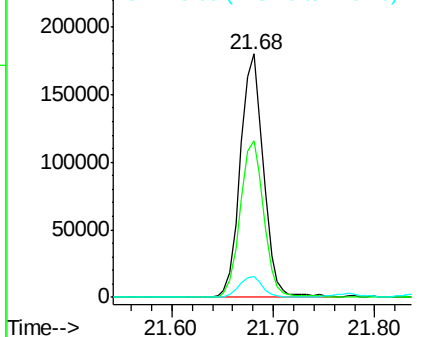


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82
 Chrysene
 Concen: 44.503 ng
 RT: 21.84 min Scan# 3157
 Delta R.T. -0.01 min
 Lab File: BG029398.D
 Acq: 21 Oct 2017 19:21

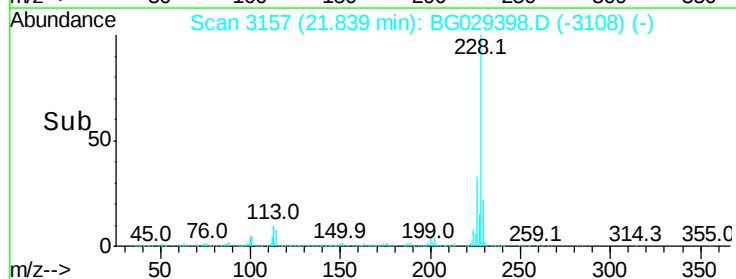
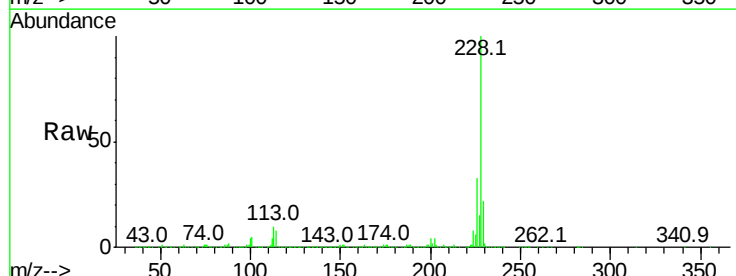
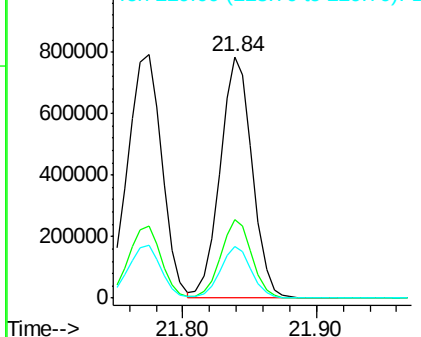
Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.5	24.9	37.3
229	21.5	15.0	22.4

Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





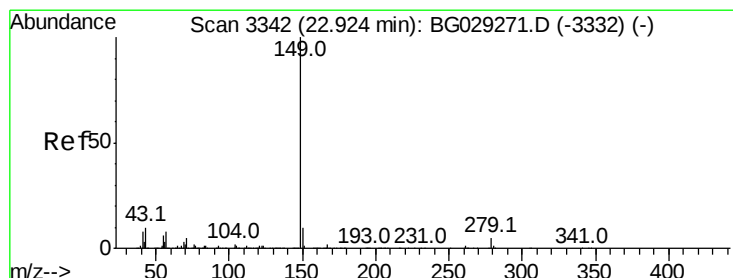
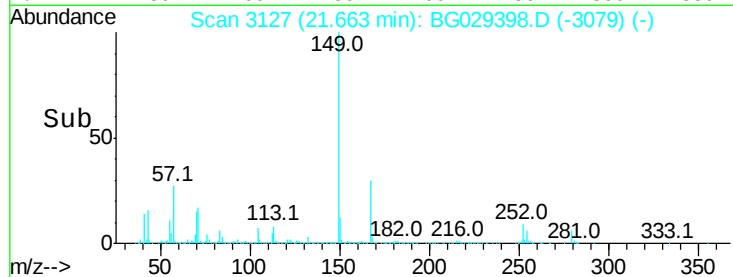
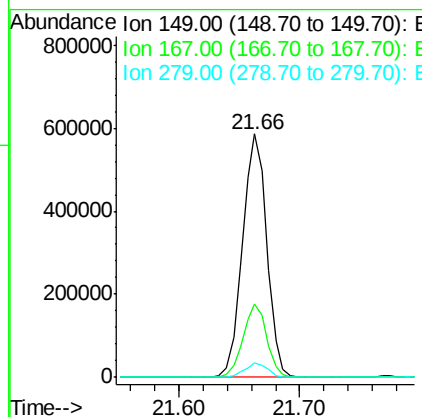
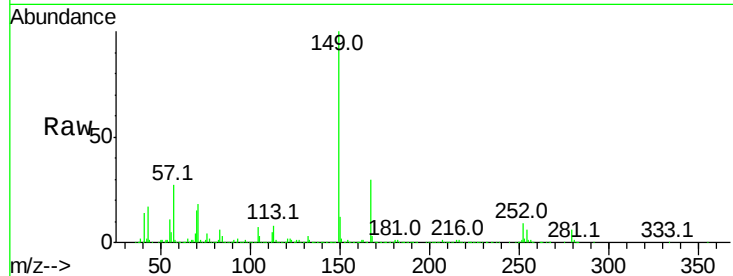
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.088 ng
 RT: 21.66 min Scan# 3127
 Delta R.T. -0.02 min
 Lab File: BG029398.D
 Acq: 21 Oct 2017 19:21

Instrument :
 BNA_G
 ClientSampleId :
 RAV-GT104MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	30.2	24.3	36.5	
279	5.7	4.0	6.0	

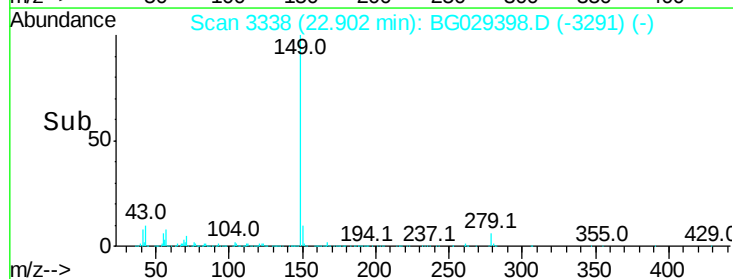
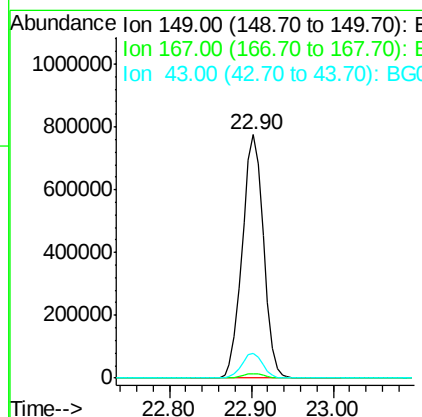
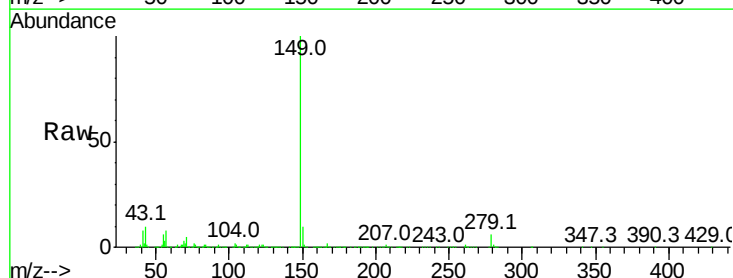
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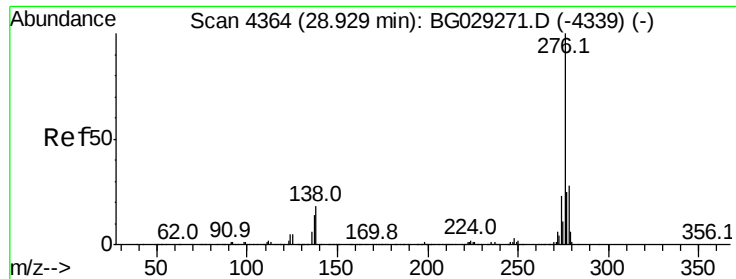
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#84
 Di-n-octyl phthalate
 Concen: 41.281 ng
 RT: 22.90 min Scan# 3338
 Delta R.T. -0.02 min
 Lab File: BG029398.D
 Acq: 21 Oct 2017 19:21

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.8	1.4	2.0	
43	10.0	8.9	13.3	





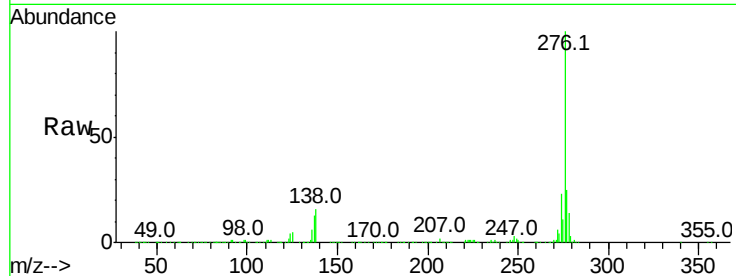
#85
Indeno(1,2,3-cd)pyrene
Concen: 47.599 ng
RT: 28.88 min Scan# 4356
Delta R.T. -0.04 min
Lab File: BG029398.D
Acq: 21 Oct 2017 19:21

Instrument :
BNA_G
ClientSampleId :
RAV-GT104MSD

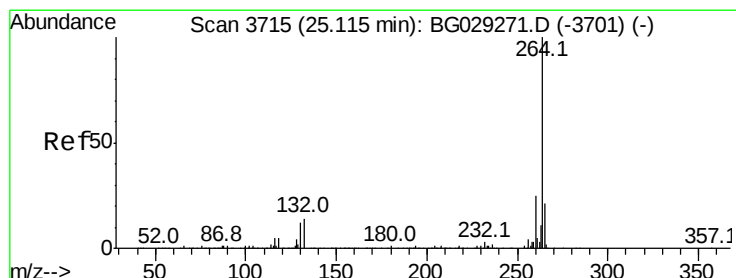
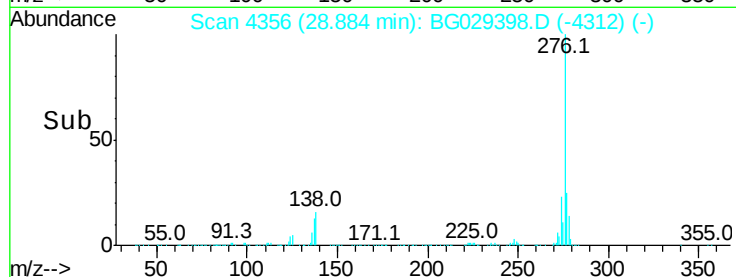
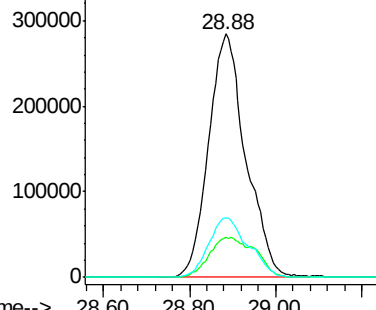
Tot Ion	Ratio	Lower	Upper
276	100		
138	20.3	16.0	24.0
277	26.1	20.0	30.0

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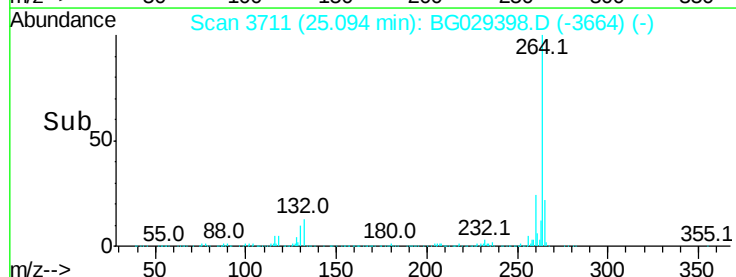
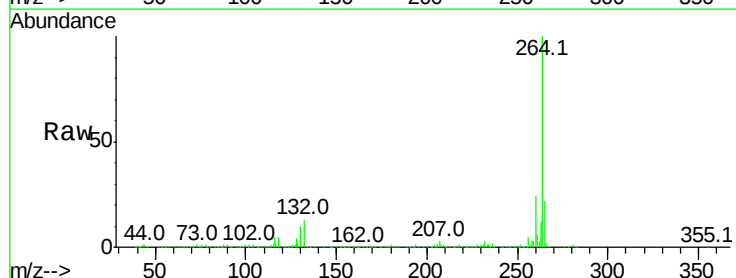
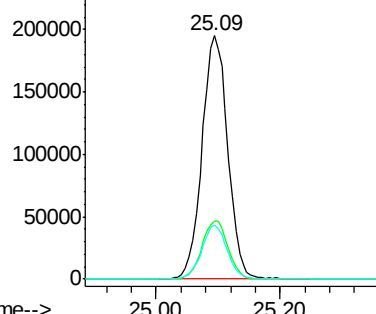
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

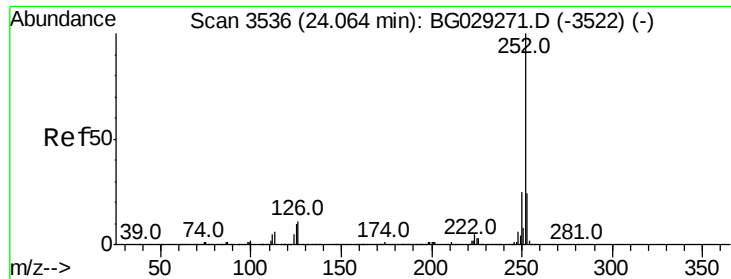


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.09 min Scan# 3711
Delta R.T. -0.02 min
Lab File: BG029398.D
Acq: 21 Oct 2017 19:21

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	17.4	26.0
265	22.0	17.7	26.5

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





#87

Benzo(b)fluoranthene

Concen: 46.479 ng

RT: 24.05 min Scan# 3533

Delta R.T. -0.02 min

Lab File: BG029398.D

Acq: 21 Oct 2017 19:21

Instrument :

BNA_G

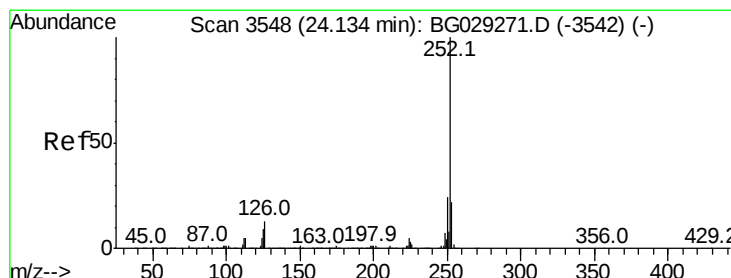
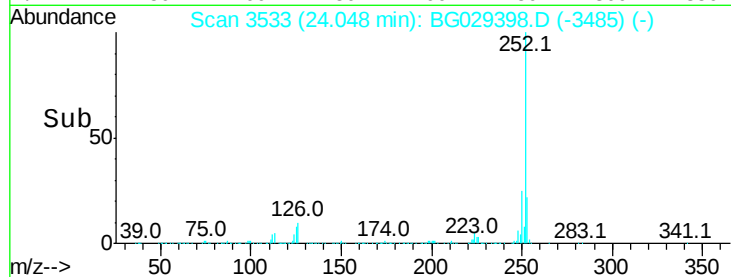
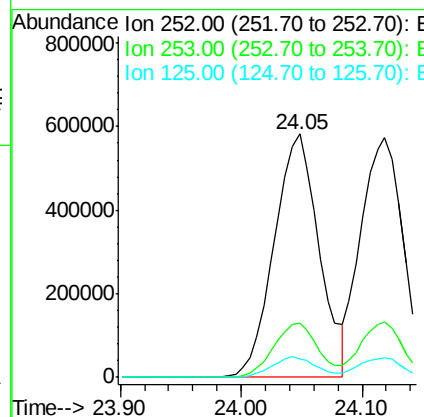
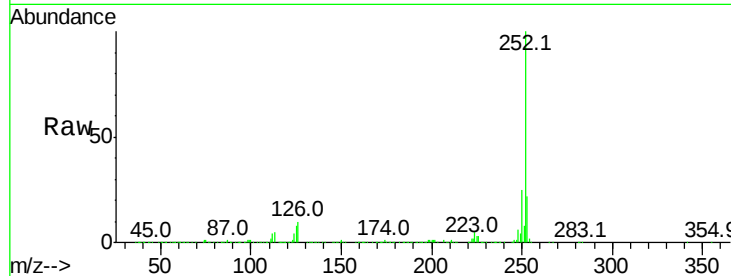
ClientSampleId :

RAV-GT104MSD

Tot	Ion:252	Resp: 1497491	
Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.4
125	7.6	7.2	10.8

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#88

Benzo(k)fluoranthene

Concen: 43.475 ng

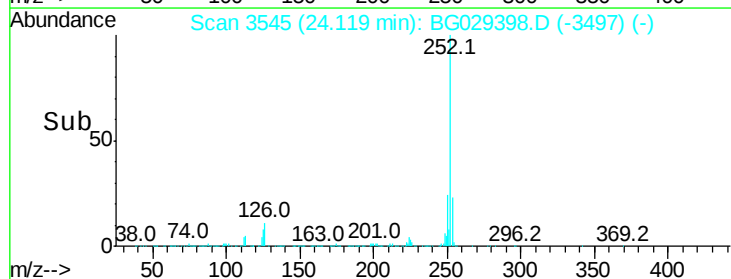
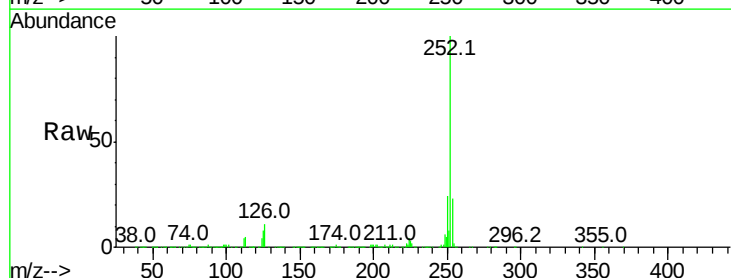
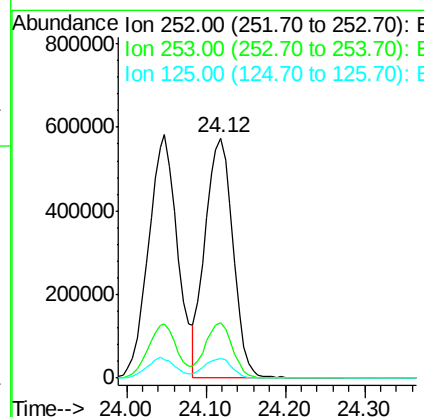
RT: 24.12 min Scan# 3545

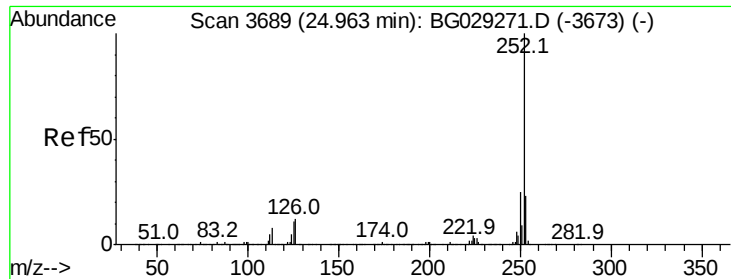
Delta R.T. -0.02 min

Lab File: BG029398.D

Acq: 21 Oct 2017 19:21

Tgt	Ion:252	Resp: 1395487	
Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.4	26.2
125	8.4	6.6	9.8





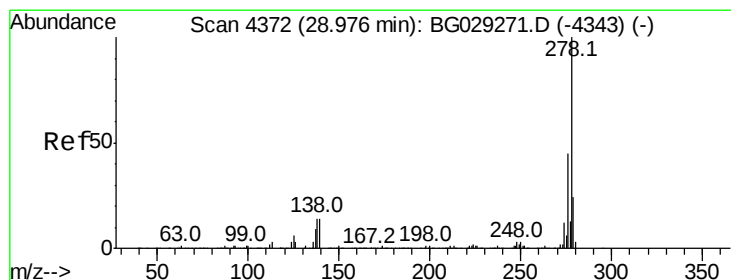
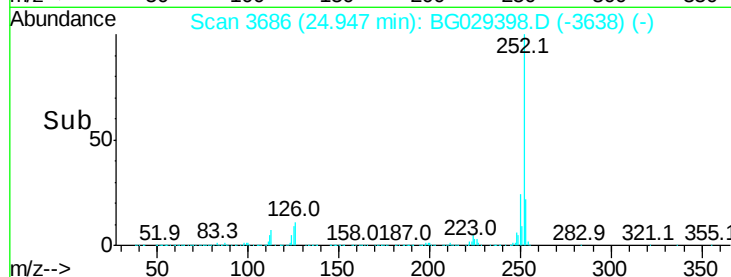
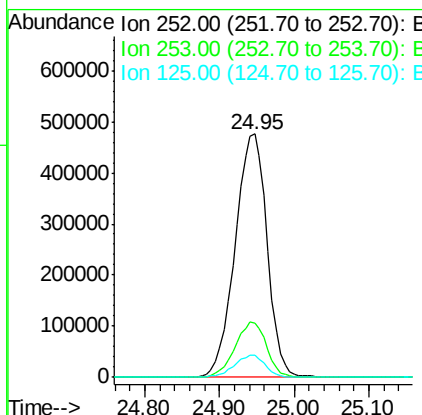
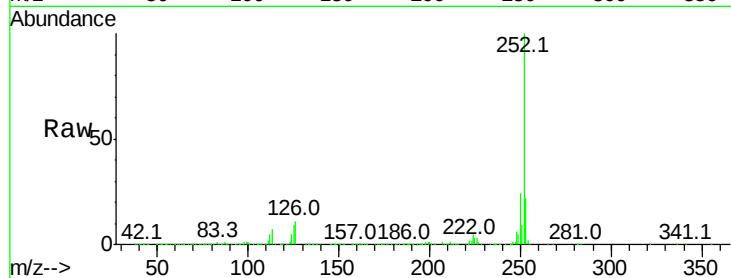
#89
Benzo(a)pyrene
Concen: 45.575 ng
RT: 24.95 min Scan# 3686
Delta R.T. -0.02 min
Lab File: BG029398.D
Acq: 21 Oct 2017 19:21

Instrument :
BNA_G
ClientSampleId :
RAV-GT104MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.3	27.5
125	9.2	7.3	10.9

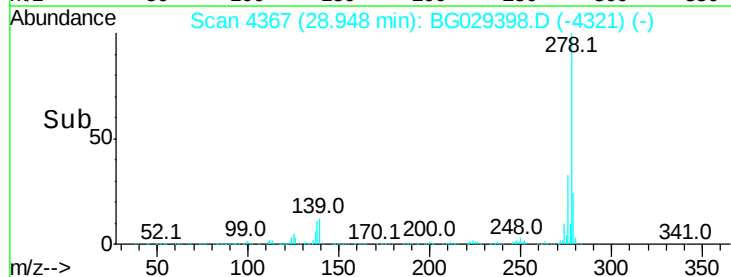
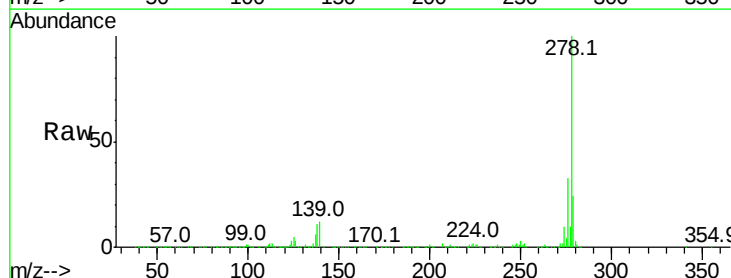
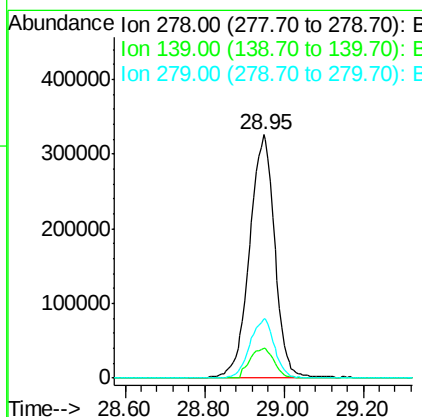
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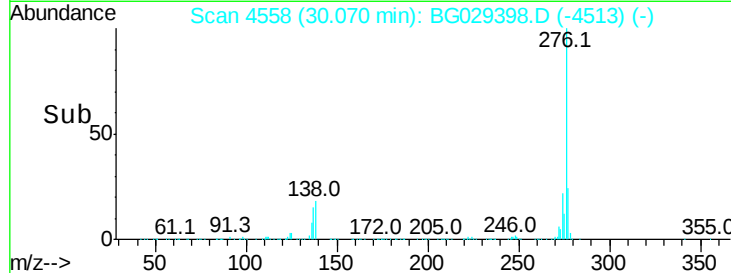
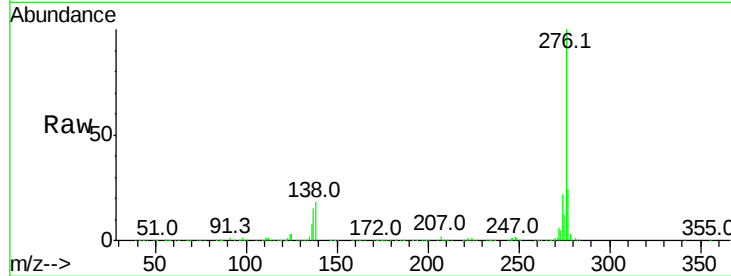
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#90
Dibenzo(a,h)anthracene
Concen: 46.054 ng
RT: 28.95 min Scan# 4367
Delta R.T. -0.03 min
Lab File: BG029398.D
Acq: 21 Oct 2017 19:21

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.3	9.8	14.6
279	24.3	18.4	27.6





#91
 Benzo(a,h,i)perylene
 Concen: 49.556 ng
 RT: 30.07 min Scan# 4558
 Delta R.T. -0.03 min
 Lab File: BG029398.D
 Acq: 21 Oct 2017 19:21

Instrument :
 BNA_G
 ClientSampleId :
 RAV-GT104MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.3	27.5
138	17.6	13.9	20.9

Manual Integrations
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