

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062518\
 Data File : BG035386.D
 Acq On : 25 Jun 2018 20:09
 Operator : JU/SJ
 Sample : J3252-04MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-062118MSD

Manual Integrations
 APPROVED

Sohil
 6/27/2018 10:48:24 AM

Quant Time: Jun 26 01:24:00 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 08 17:16:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	56474	20.00	ng	-0.02
21) Naphthalene-d8	10.85	136	218126	20.00	ng	-0.03
38) Acenaphthene-d10	14.67	164	154731	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	411164	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	417993	20.00	ng	-0.03
86) Perylene-d12	24.90	264	415856	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.63	112	447031	133.59	ng	-0.01
7) Phenol-d6	7.22	99	603818	122.25	ng	0.00
23) Nitrobenzene-d5	9.21	82	447473	97.51	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	344842	174.10	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	1009919	84.85	ng	-0.02
78) Terphenyl-d14	20.02	244	1879627	94.19	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.56	88	50433	31.587	ng	# 75
3) Pyridine	3.96	79	120297	27.924	ng	# 70
4) n-Nitrosodimethylamine	3.86	42	64099	34.634	ng	# 67
6) Aniline	7.38	93	92330	14.462	ng	# 94
8) 2-Chlorophenol	7.62	128	149823	42.712	ng	93
9) Benzaldehyde	7.19	77	27185	7.146	ng	92
10) Phenol	7.24	94	191295	37.426	ng	93
11) bis(2-Chloroethyl)ether	7.48	93	156892	39.547	ng	87
12) 1,3-Dichlorobenzene	7.95	146	168663	40.299	ng	98
13) 1,4-Dichlorobenzene	8.09	146	173388	40.132	ng	95
14) 1,2-Dichlorobenzene	8.41	146	167523	41.280	ng	96
15) Benzyl Alcohol	8.29	79	182367	38.967	ng	91
16) 2,2'-oxybis(1-Chloropropan	8.57	45	168640	42.709	ng	76
17) 2-Methylphenol	8.49	107	145377	43.140	ng	90
18) Hexachloroethane	9.14	117	64517	41.712	ng	89
19) n-Nitroso-di-n-propylamine	8.86	70	142410	33.938	ng	# 85
20) 3+4-Methylphenols	8.82	107	202787	41.982	ng	95
22) Acetophenone	8.87	105	267720	39.622	ng	# 89
24) Nitrobenzene	9.26	77	220556	46.937	ng	# 93
25) Isophorone	9.78	82	414632	42.797	ng	98
26) 2-Nitrophenol	9.97	139	91187	56.298	ng	# 88
27) 2,4-Dimethylphenol	10.03	122	158782	46.639	ng	94
28) bis(2-Chloroethoxy)methane	10.26	93	215458	41.383	ng	99
29) 2,4-Dichlorophenol	10.50	162	180023	48.597	ng	96
30) 1,2,4-Trichlorobenzene	10.72	180	194699	43.832	ng	99
31) Naphthalene	10.91	128	483136	42.637	ng	98
32) Benzoic acid	10.17	122	99296	43.544	ng	94
33) 4-Chloroaniline	11.01	127	16779	3.410	ng	97
34) Hexachlorobutadiene	11.19	225	148829	43.082	ng	97
35) Caprolactam	11.79	113	47355m	34.589	ng	
36) 4-Chloro-3-methylphenol	12.13	107	219244	47.478	ng	96
37) 2-Methylnaphthalene	12.51	142	379283	44.149	ng	95
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	259813	45.080	ng	99
40) Hexachlorocyclopentadiene	12.85	237	341441	94.472	ng	96

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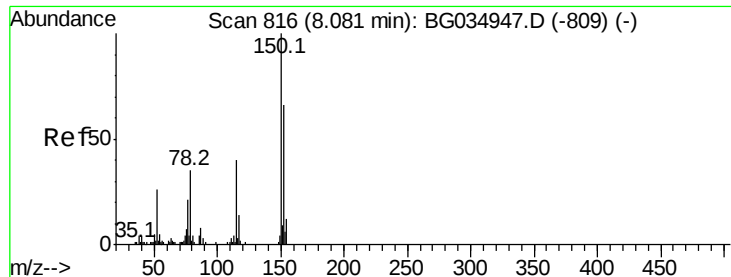
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	171107	49.582	nq	97
43) 2,4,5-Trichlorophenol	13.19	196	187917	49.611	nq	99
45) 1,1'-Biphenyl	13.51	154	517642	41.605	nq	98
46) 2-Chloronaphthalene	13.56	162	406550	43.219	nq	98
47) 2-Nitroaniline	13.76	65	143198	51.551	nq	92
48) Acenaphthylene	14.40	152	686958	43.552	nq	97
49) Dimethylphthalate	14.13	163	568979	42.168	nq	99
50) 2,6-Dinitrotoluene	14.25	165	131612	53.467	nq #	86
51) Acenaphthene	14.74	154	411170	39.897	nq	98
52) 3-Nitroaniline	14.58	138	58987	24.421	nq #	92
53) 2,4-Dinitrophenol	14.78	184	161617	162.231	nq #	64
54) Dibenzofuran	15.07	168	672401	43.563	nq	94
55) 4-Nitrophenol	14.88	139	181120	88.847	nq #	88
56) 2,4-Dinitrotoluene	15.04	165	189226	57.868	nq #	87
57) Fluorene	15.72	166	560626	43.461	nq	96
58) 2,3,4,6-Tetrachlorophenol	15.30	232	196622	53.435	nq	92
59) Diethylphthalate	15.49	149	574327	41.720	nq	98
60) 4-Chlorophenyl-phenylether	15.71	204	323595	43.993	nq	97
61) 4-Nitroaniline	15.74	138	122597	47.327	nq #	83
62) Azobenzene	16.01	77	558204	41.379	nq	95
64) 4,6-Dinitro-2-methylphenol	15.80	198	111805	59.558	nq	81
65) n-Nitrosodiphenylamine	15.93	169	502017	40.657	nq	95
66) 4-Bromophenyl-phenylether	16.60	248	228828	46.215	nq	96
67) Hexachlorobenzene	16.72	284	228176	45.276	nq	96
68) Atrazine	16.87	200	173122	32.878	nq	97
69) Pentachlorophenol	17.07	266	280456	82.758	nq	97
70) Phenanthrene	17.46	178	909358	43.539	nq	97
71) Anthracene	17.55	178	924065	44.168	nq	98
72) Carbazole	17.82	167	826216	42.563	nq	98
73) Di-n-butylphthalate	18.37	149	963840	41.658	nq #	97
74) Fluoranthene	19.47	202	1182630	43.513	nq	95
76) Benzidine	19.67	184	51138m	3.288	nq	
77) Pyrene	19.83	202	1178030	42.751	nq	98
79) Butylbenzylphthalate	20.71	149	436619	43.636	nq #	96
80) Benzo(a)anthracene	21.67	228	1181877	44.247	nq	99
81) 3,3'-Dichlorobenzidine	21.58	252	173403	17.255	nq #	99
82) Chrysene	21.73	228	1097342	44.870	nq	97
83) Bis(2-ethylhexyl)phthalate	21.57	149	600643	42.483	nq	99
84) Di-n-octyl phthalate	22.78	149	1018688	41.997	nq #	92
85) Indeno(1,2,3-cd)pyrene	28.56	276	1321161	46.126	nq #	87
87) Benzo(b)fluoranthene	23.88	252	1145478	44.729	nq #	96
88) Benzo(k)fluoranthene	23.95	252	1138429	45.444	nq #	97
89) Benzo(a)pyrene	24.75	252	1121040	46.521	nq #	97
90) Dibenzo(a,h)anthracene	28.64	278	1073683	45.134	nq #	95
91) Benzo(g,h,i)perylene	29.73	276	1105362	47.480	nq #	93

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.06 min Scan# 812

Delta R.T. -0.02 min

Lab File: BG035386.D

Acq: 25 Jun 2018 20:09

Instrument :

BNA_G

ClientSampleId :

TR-05-062118MSD

Tot Ion:152 Resp: 56474

Ion Ratio Lower Upper

152 100

150 146.9 126.6 189.8

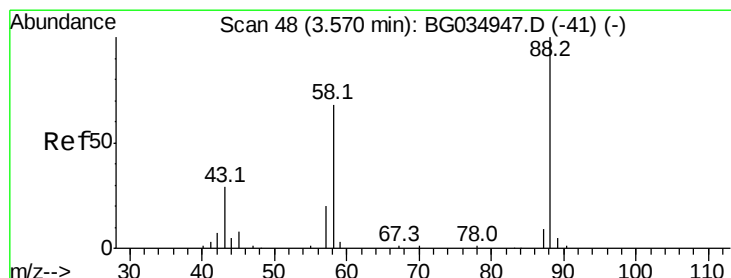
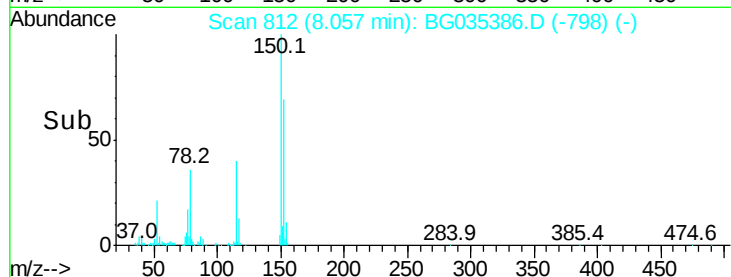
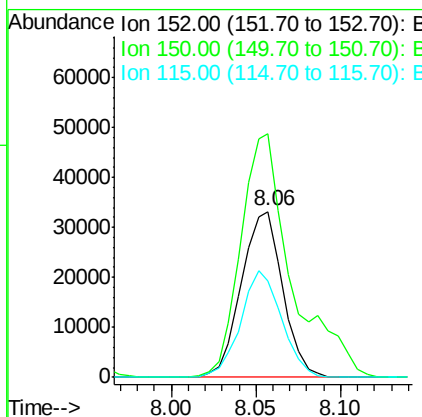
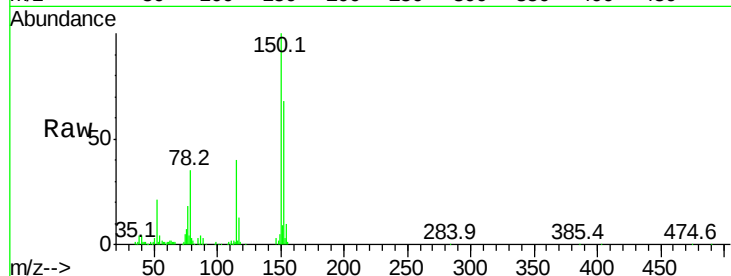
115 58.2 53.0 79.4

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#2

1,4-Dioxane

Concen: 31.587 ng

RT: 3.56 min Scan# 47

Delta R.T. -0.00 min

Lab File: BG035386.D

Acq: 25 Jun 2018 20:09

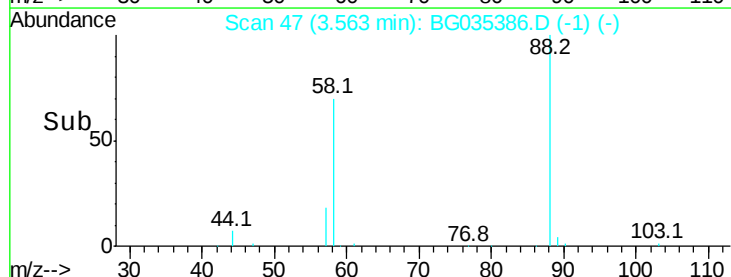
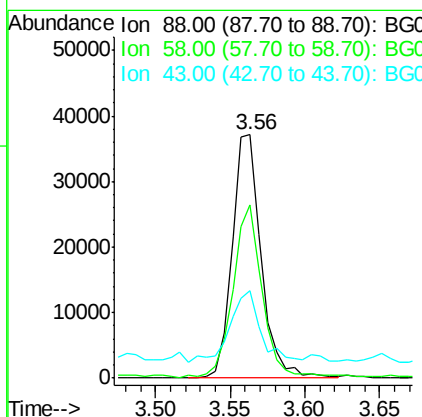
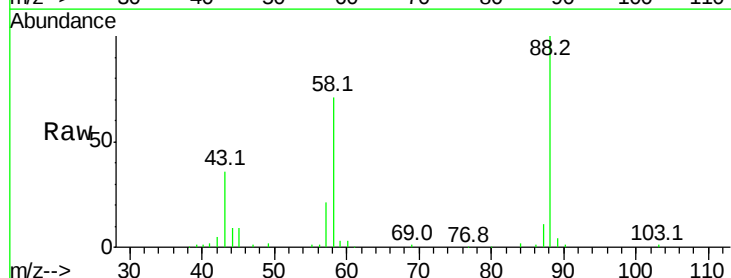
Tgt Ion: 88 Resp: 50433

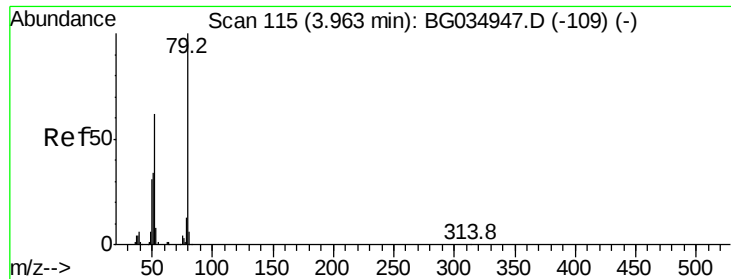
Ion Ratio Lower Upper

88 100

58 70.6 79.6 119.4#

43 26.7 27.4 41.0#





#3

Pvridine

Concen: 27.924 ng

RT: 3.96 min Scan# 114

Delta R.T. -0.00 min

Lab File: BG035386.D

Acq: 25 Jun 2018 20:09

Instrument :

BNA_G

ClientSampleId :

TR-05-062118MSD

Tot Ion: 79 Resp: 120297

Ion Ratio Lower Upper

79 100

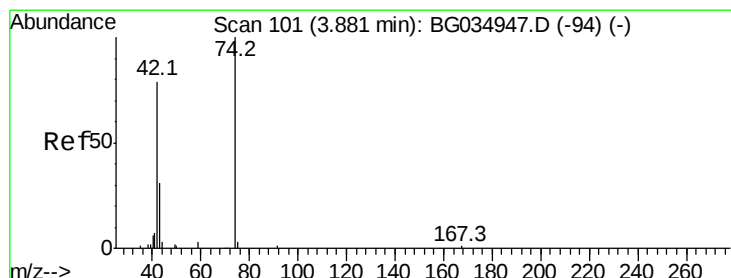
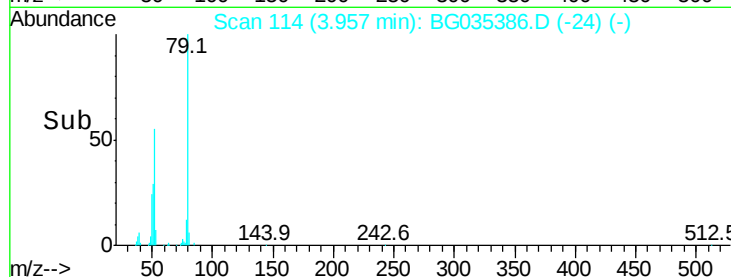
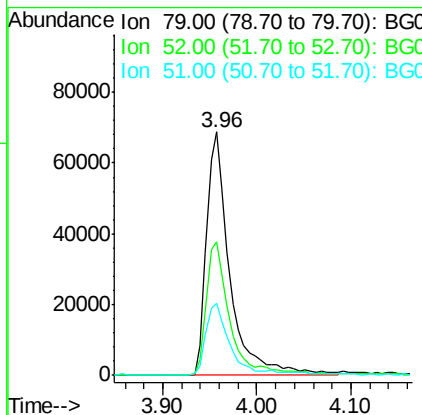
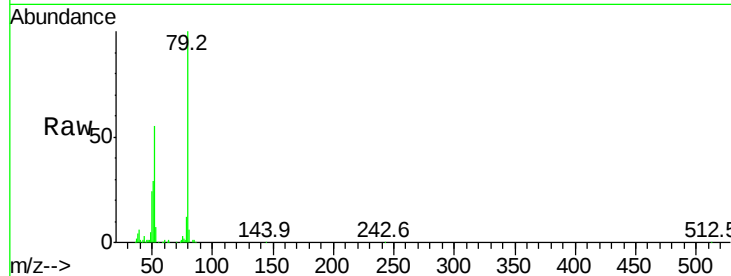
52 54.7 69.9 104.9#

51 29.5 34.0 51.0#

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 34.634 ng

RT: 3.86 min Scan# 97

Delta R.T. -0.02 min

Lab File: BG035386.D

Acq: 25 Jun 2018 20:09

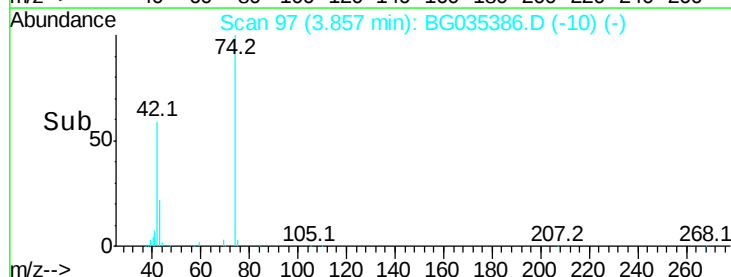
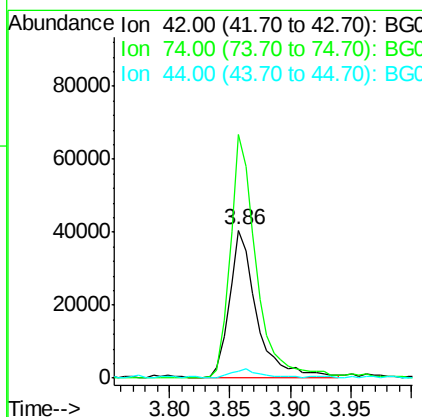
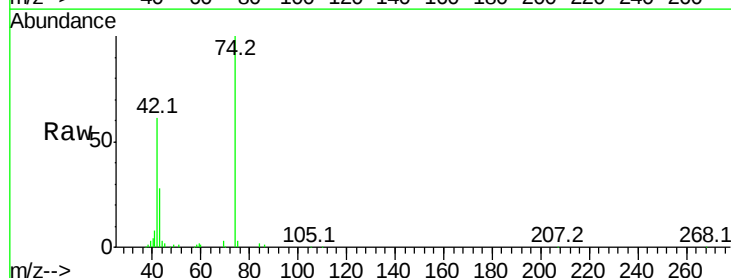
Tgt Ion: 42 Resp: 64099

Ion Ratio Lower Upper

42 100

74 164.5 102.5 153.7#

44 4.3 18.9 28.3#





#5

2-Fluorophenol

Concen: 133.586 ng

RT: 5.63 min Scan# 399

Delta R.T. -0.01 min

Lab File: BG035386.D

Acq: 25 Jun 2018 20:09

Instrument :

BNA_G

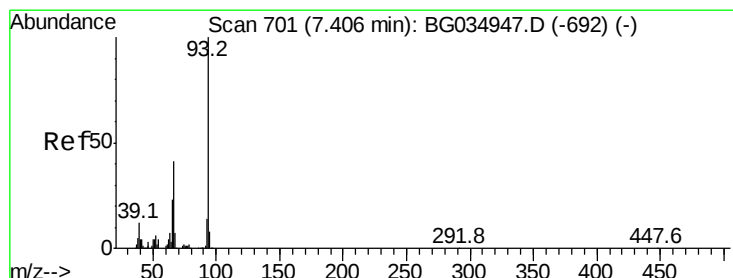
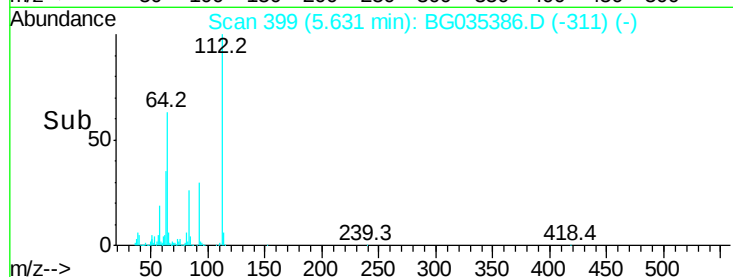
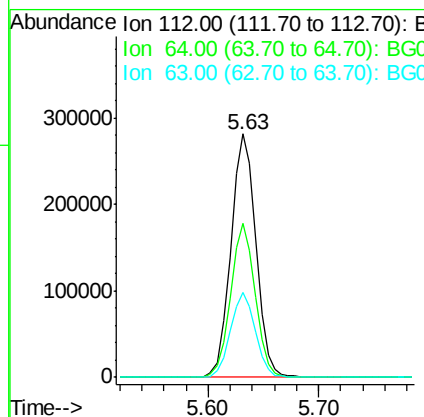
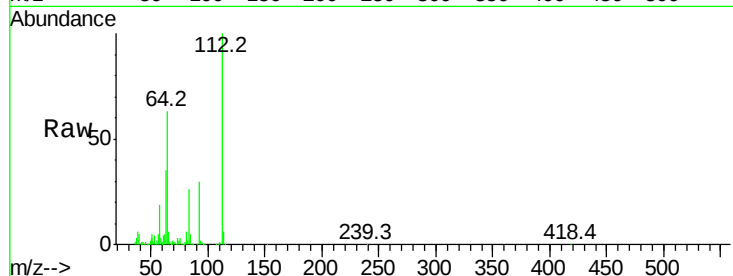
ClientSampleId :

TR-05-062118MSD

Tot Ion:	112	Resp:	447031
Ion Ratio	Lower	Upper	
112	100		
64	63.1	56.3	84.5
63	34.8	30.1	45.1

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#6

Aniline

Concen: 14.462 ng

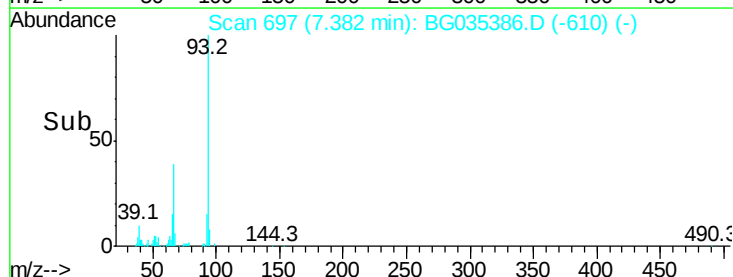
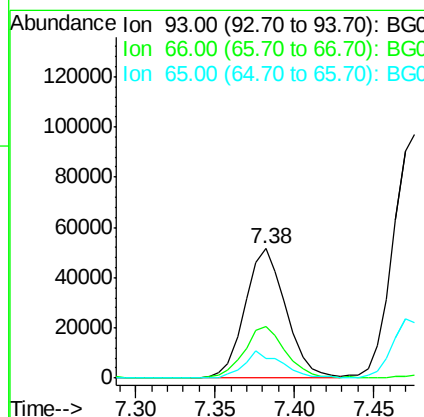
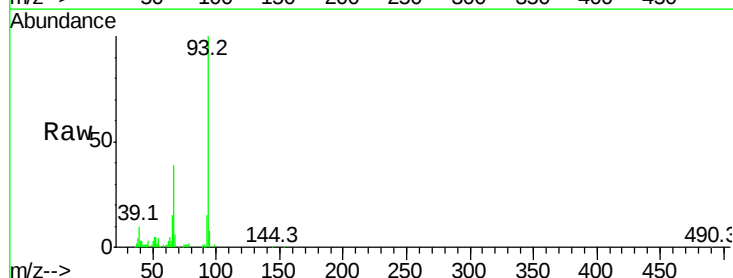
RT: 7.38 min Scan# 697

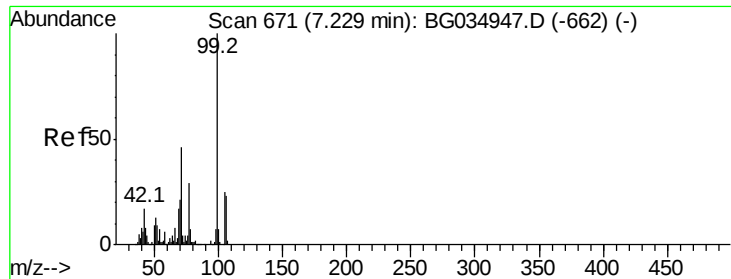
Delta R.T. -0.02 min

Lab File: BG035386.D

Acq: 25 Jun 2018 20:09

Tgt Ion:	93	Resp:	92330
Ion Ratio	Lower	Upper	
93	100		
66	39.4	33.7	50.5
65	15.3	16.1	24.1#





#7

Phenol-d6

Concen: 122.253 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG035386.D

Acq: 25 Jun 2018 20:09

Instrument :

BNA_G

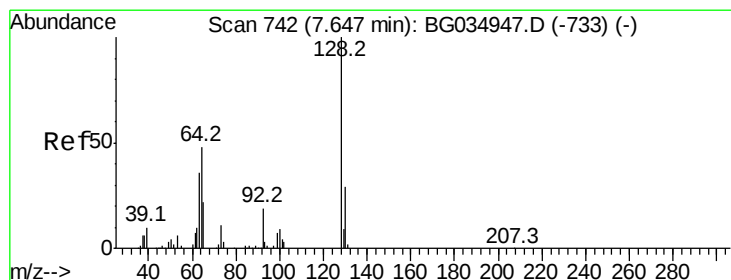
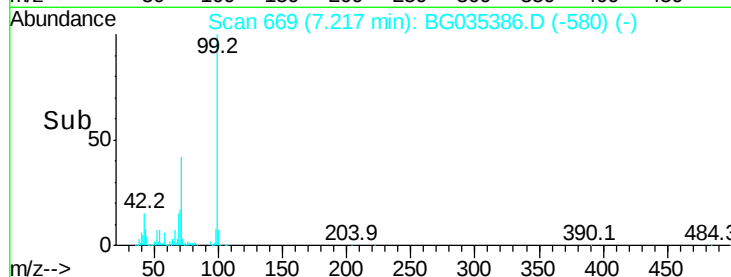
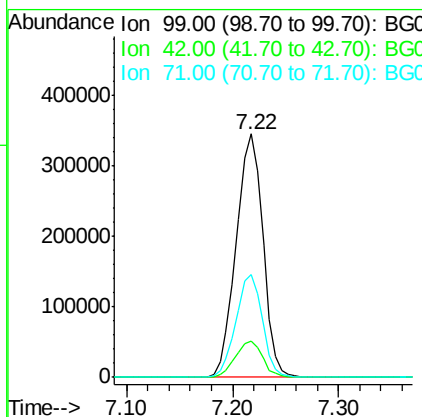
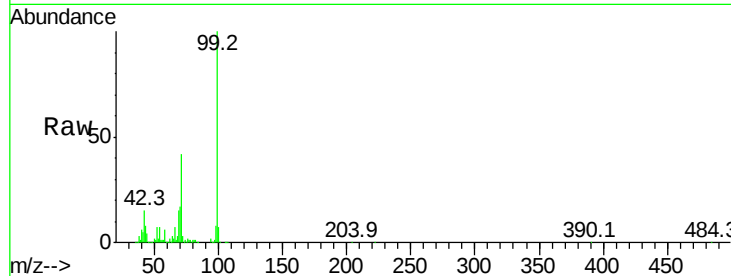
ClientSampleId :

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Tot Ion	Ratio	Resp Lower	Upper
99	100		
42	15.1	14.1	21.1
71	42.3	26.1	39.1

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#8

2-Chlorophenol

Concen: 42.712 ng

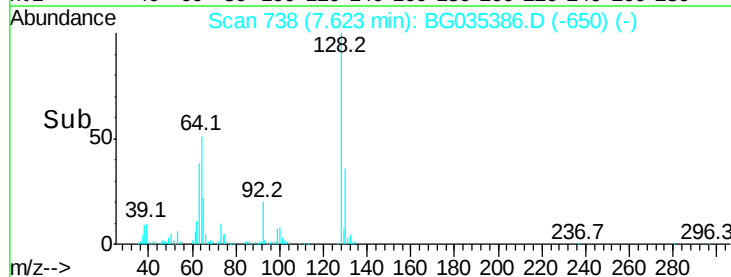
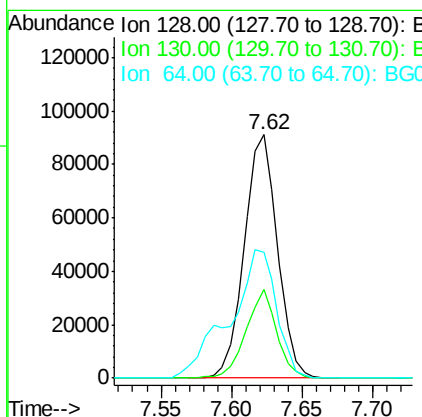
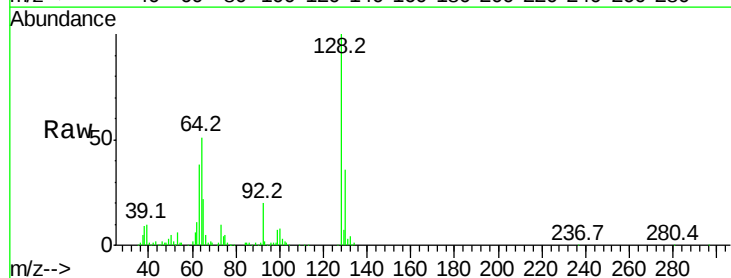
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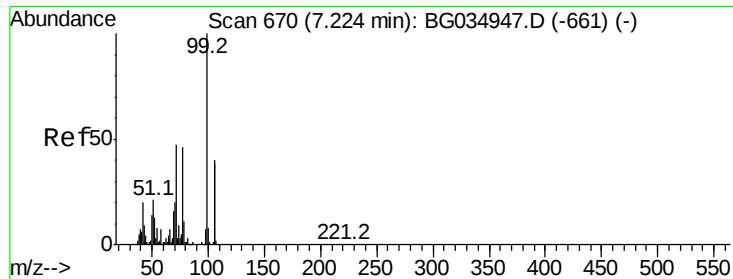
Delta R.T. -0.01 min

Lab File: BG035386.D

Acq: 25 Jun 2018 20:09

Tgt Ion	Ratio	Resp Lower	Upper
128	100		
130	36.2	14.0	54.0
64	51.5	37.7	77.7





#9

Benzaldehyde

Concen: 7.146 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.02 min

Lab File: BG035386.D

Acq: 25 Jun 2018 20:09

Instrument :

BNA_G

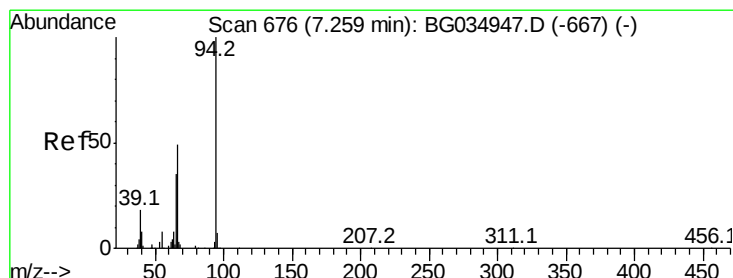
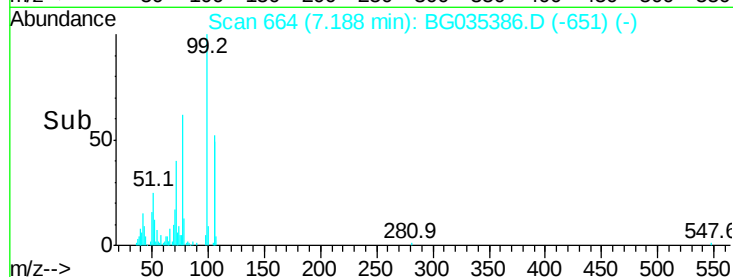
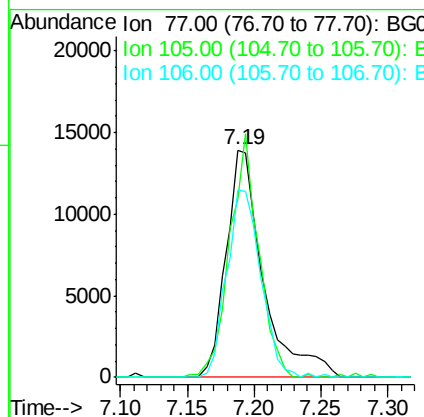
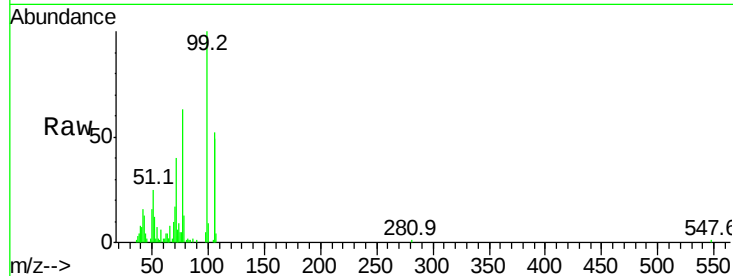
ClientSampleId :

TR-05-062118MSD

Tot Ion:	77	Resp:	27185
Ion	Ratio	Lower	Upper
77	100		
105	78.4	71.3	111.3
106	82.1	64.2	104.2

Manual Integrations
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#10

Phenol

Concen: 37.426 ng

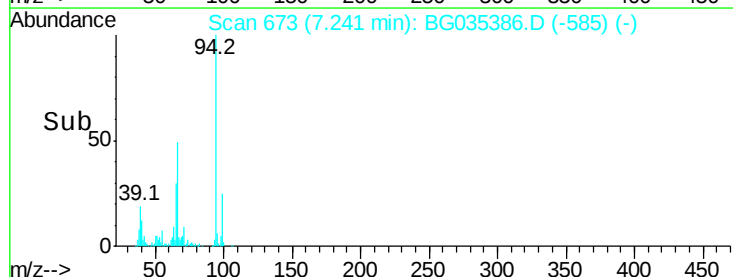
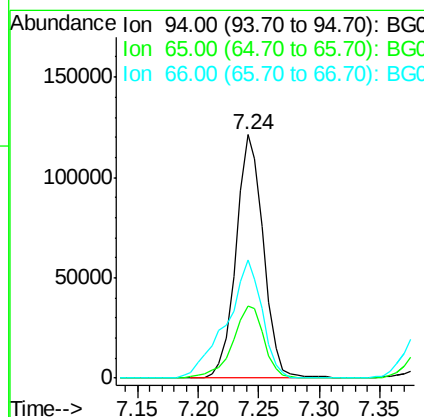
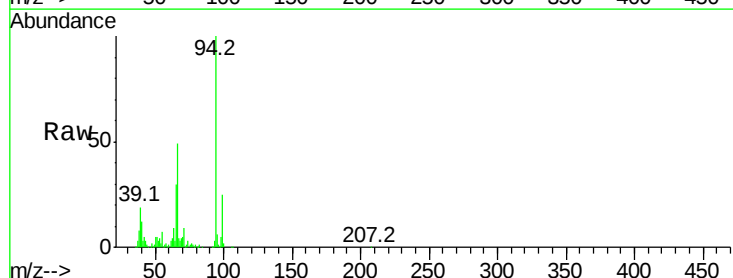
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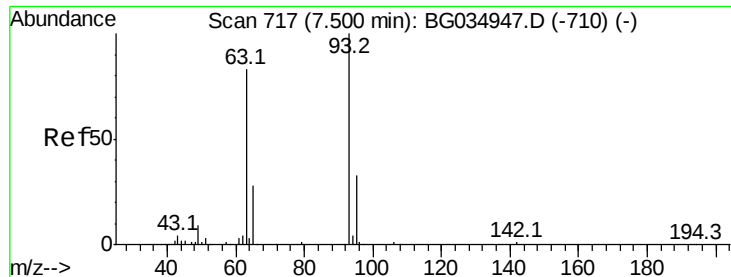
Delta R.T. -0.01 min

Lab File: BG035386.D

Acq: 25 Jun 2018 20:09

Tgt Ion:	94	Resp:	191295
Ion	Ratio	Lower	Upper
94	100		
65	29.6	11.9	51.9
66	48.5	22.2	62.2





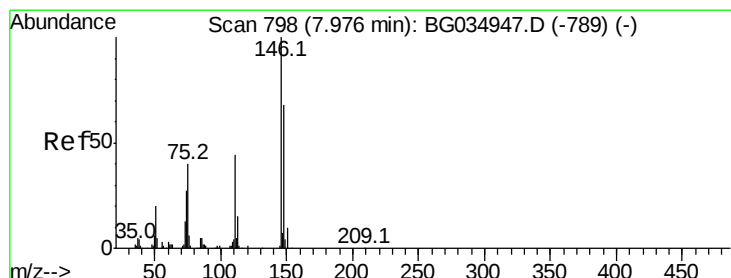
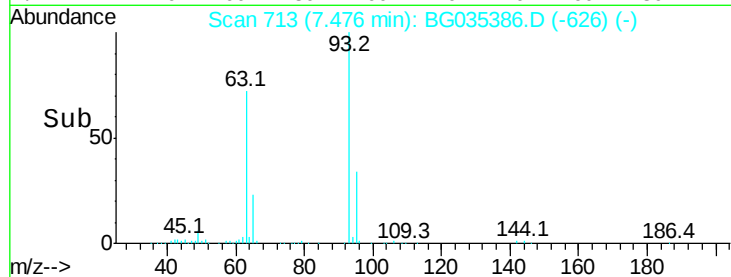
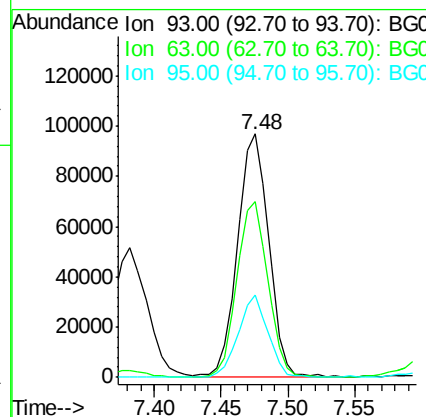
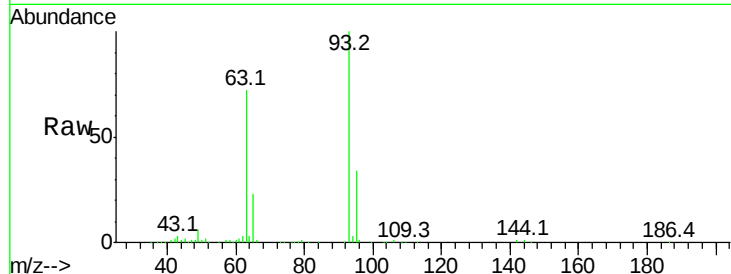
#11
bis(2-Chloroethyl)ether
Concen: 39.547 ng
RT: 7.48 min Scan# 713
Delta R.T. -0.02 min
Lab File: BG035386.D
Acq: 25 Jun 2018 20:09

Instrument :
BNA_G
ClientSampleId :
TR-05-062118MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	72.0	67.1	107.1
95	33.8	11.5	51.5

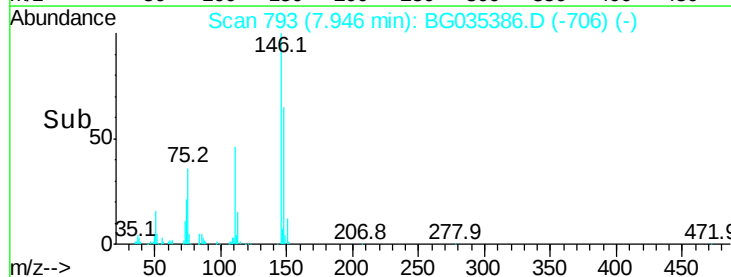
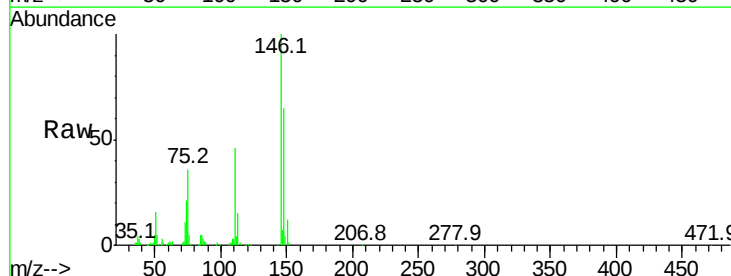
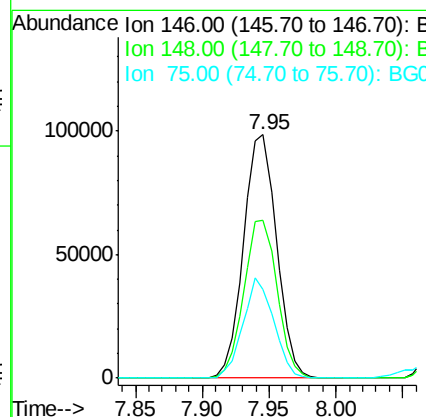
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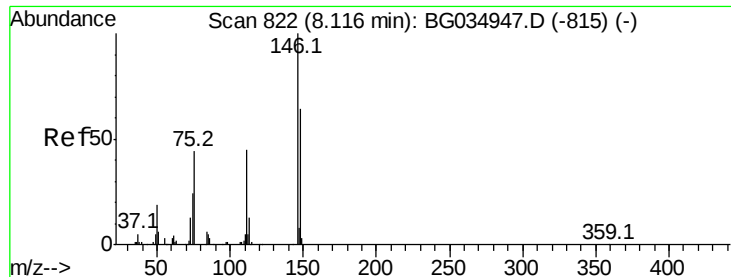
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#12
1,3-Dichlorobenzene
Concen: 40.299 ng
RT: 7.95 min Scan# 793
Delta R.T. -0.02 min
Lab File: BG035386.D
Acq: 25 Jun 2018 20:09

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.4	77.2
75	36.3	26.6	39.8





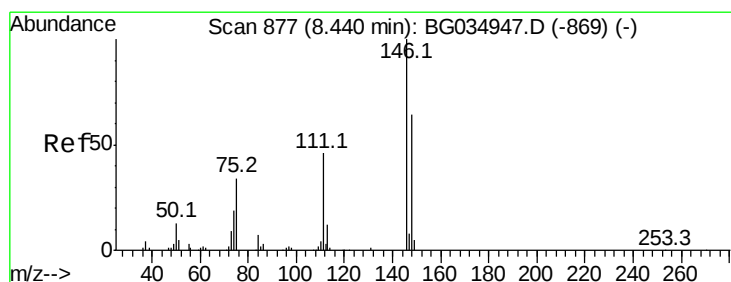
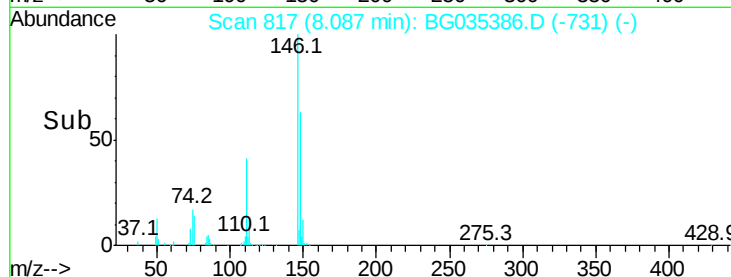
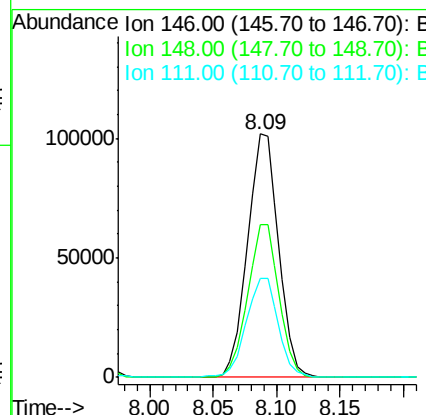
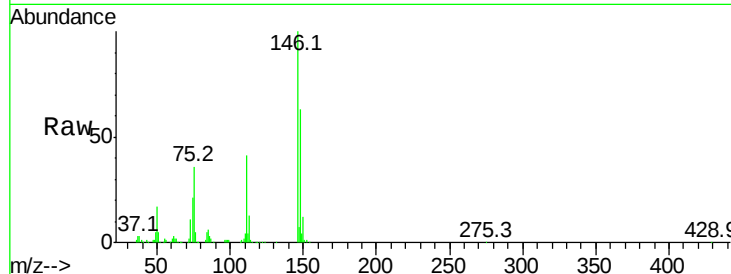
#13
1,4-Dichlorobenzene
Concen: 40.132 ng
RT: 8.09 min Scan# 817
Delta R.T. -0.02 min
Lab File: BG035386.D
Acq: 25 Jun 2018 20:09

Instrument :
BNA_G
ClientSampleId :
TR-05-062118MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.9	53.7	80.5
111	40.5	35.2	52.8

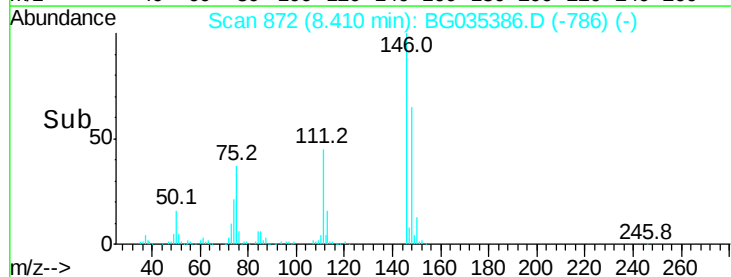
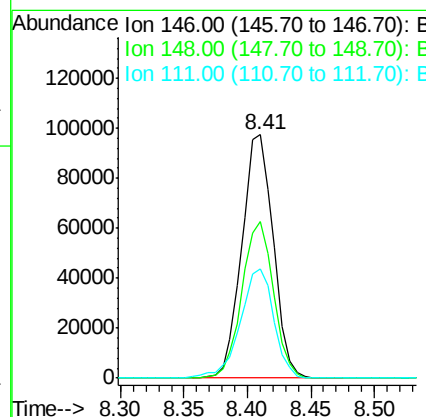
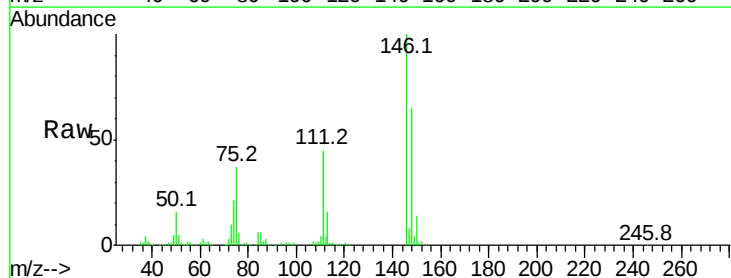
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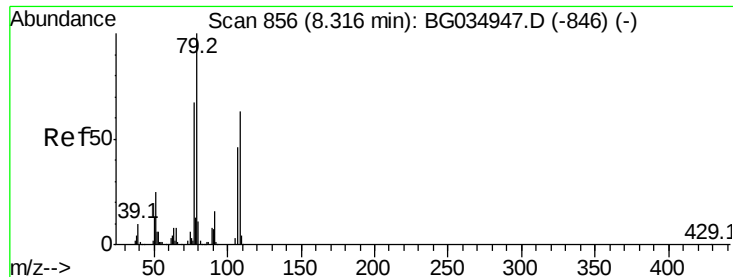
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#14
1,2-Dichlorobenzene
Concen: 41.280 ng
RT: 8.41 min Scan# 872
Delta R.T. -0.02 min
Lab File: BG035386.D
Acq: 25 Jun 2018 20:09

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	49.3	73.9
111	44.8	34.3	51.5





#15

Benzyl Alcohol

Concen: 38.967 ng

RT: 8.29 min Scan# 851

Delta R.T. -0.02 min

Lab File: BG035386.D

Acq: 25 Jun 2018 20:09

Instrument :

BNA_G

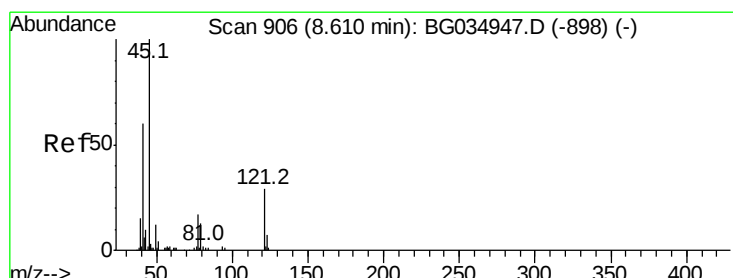
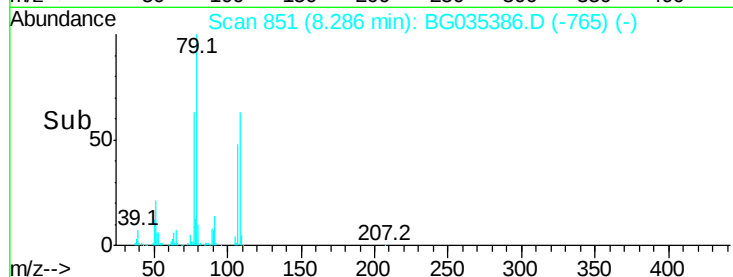
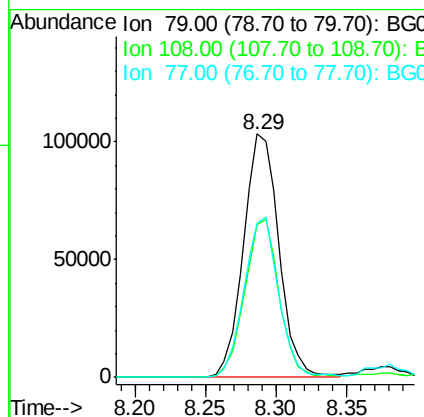
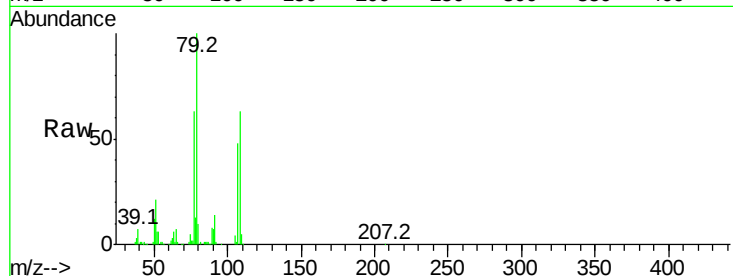
ClientSampleId :

TR-05-062118MSD

Tot Ion:	79	Resp:	182367
Ion Ratio	Lower	Upper	
79	100		
108	62.9	57.2	85.8
77	63.2	46.1	69.1

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.709 ng

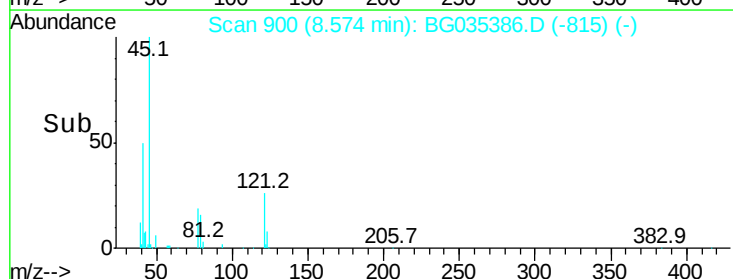
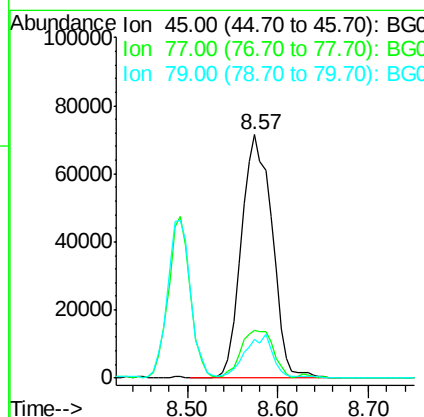
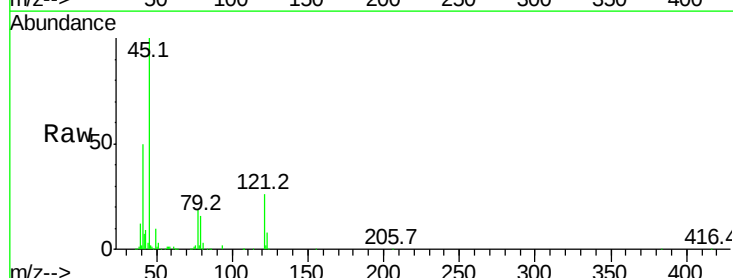
RT: 8.57 min Scan# 900

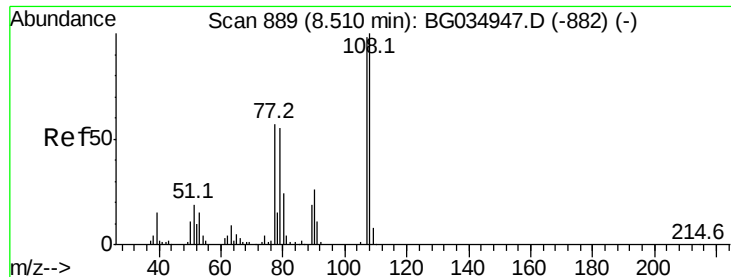
Delta R.T. -0.03 min

Lab File: BG035386.D

Acq: 25 Jun 2018 20:09

Tgt Ion:	45	Resp:	168640
Ion Ratio	Lower	Upper	
45	100		
77	19.5	0.0	30.2
79	15.9	0.0	27.9





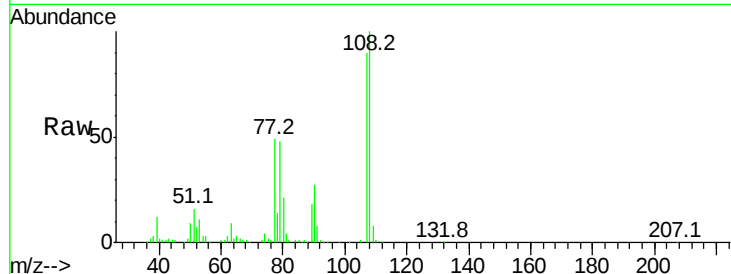
#17
2-Methylphenol
Concen: 43.140 ng
RT: 8.49 min Scan# 886
Delta R.T. -0.01 min
Lab File: BG035386.D
Acq: 25 Jun 2018 20:09

Instrument :
BNA_G
ClientSampleId :
TR-05-062118MSD

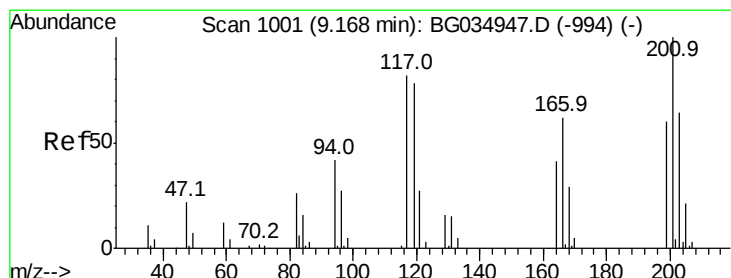
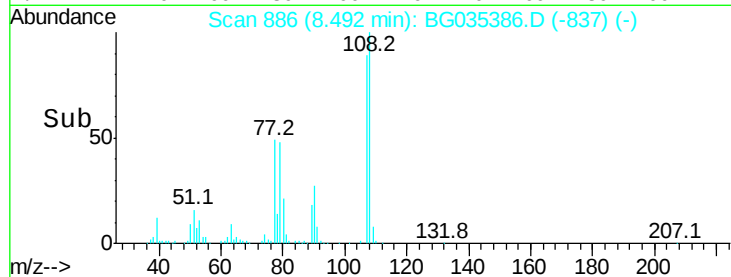
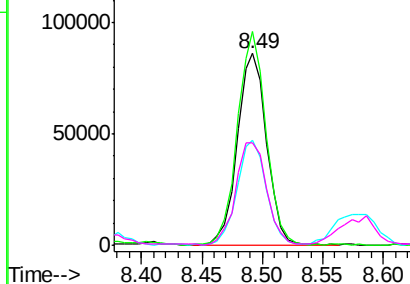
Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	111.5	83.9	125.9		
77	55.2	37.2	55.8		
79	53.8	36.2	54.2		

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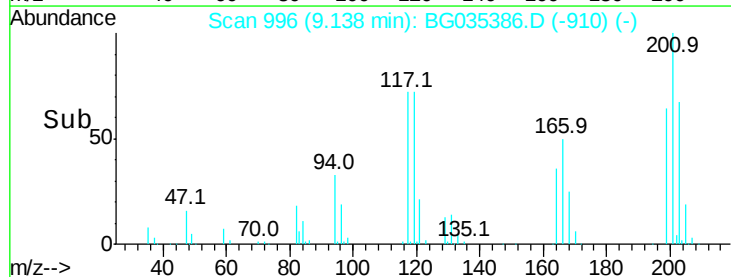
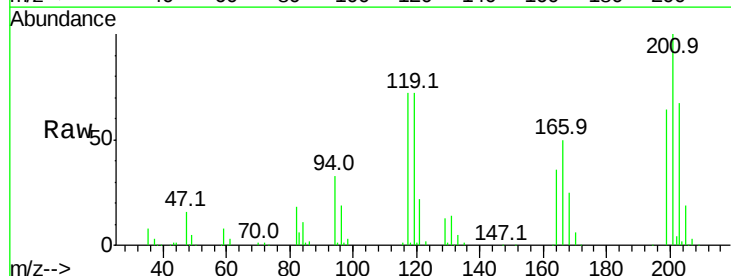
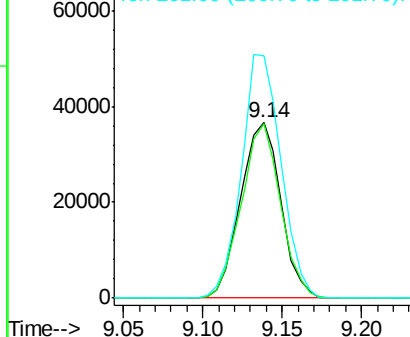
Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

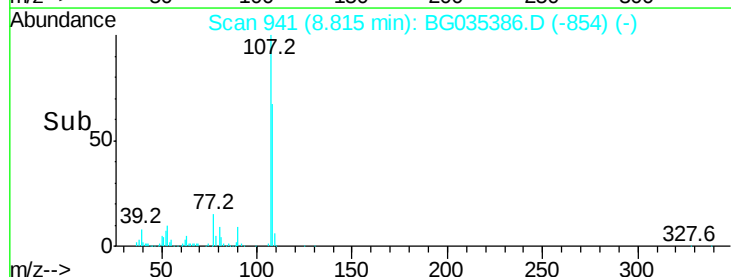
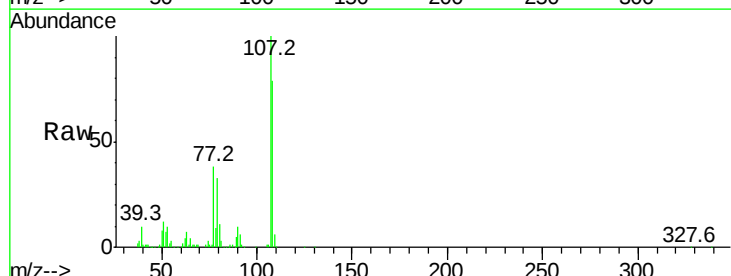
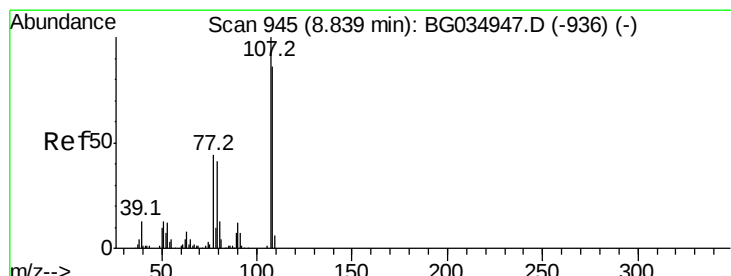
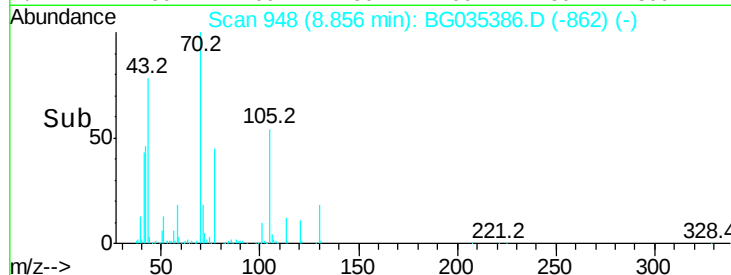
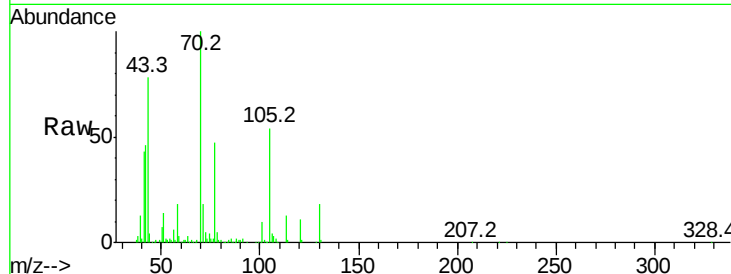
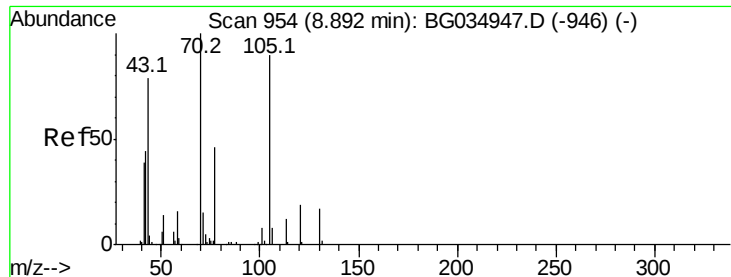


#18
Hexachloroethane
Concen: 41.712 ng
RT: 9.14 min Scan# 996
Delta R.T. -0.02 min
Lab File: BG035386.D
Acq: 25 Jun 2018 20:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100				
119	99.9	76.7	115.1		
201	138.4	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: 33.938 ng

RT: 8.86 min Scan# 948

Delta R.T. -0.02 min

Lab File: BG035386.D

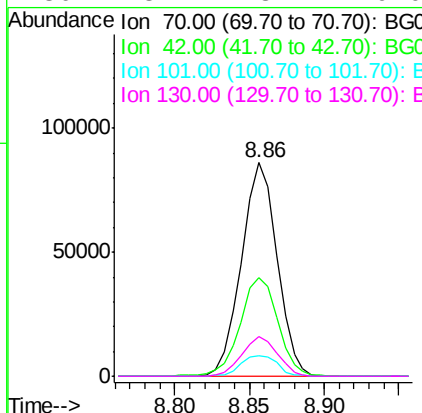
Acq: 25 Jun 2018 20:09

Instrument :
BNA_G
ClientSampleId :
TR-05-062118MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	46.0	49.1	73.7#
101	9.7	8.5	12.7
130	18.4	13.4	20.0

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#20

3+4-Methylphenols

Concen: 41.982 ng

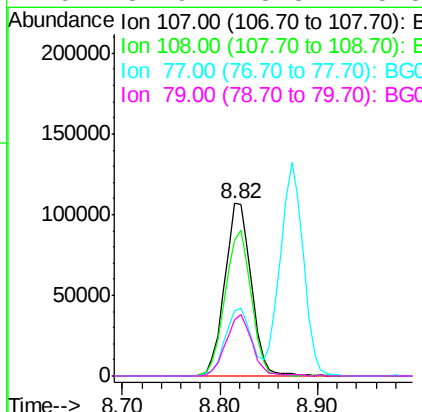
RT: 8.82 min Scan# 941

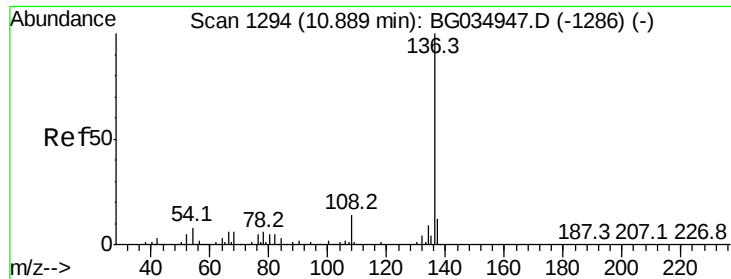
Delta R.T. -0.02 min

Lab File: BG035386.D

Acq: 25 Jun 2018 20:09

Tgt Ion	Ratio	Lower	Upper
107	100		
108	78.7	61.6	101.6
77	38.1	13.9	53.9
79	32.9	8.8	48.8





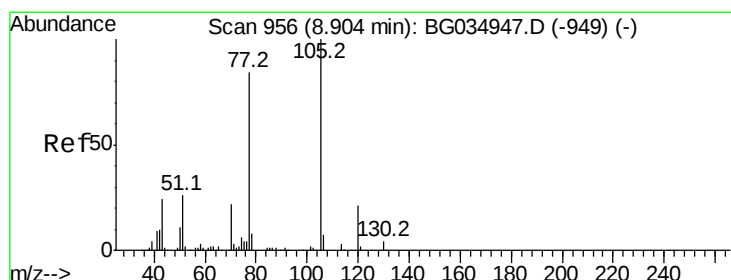
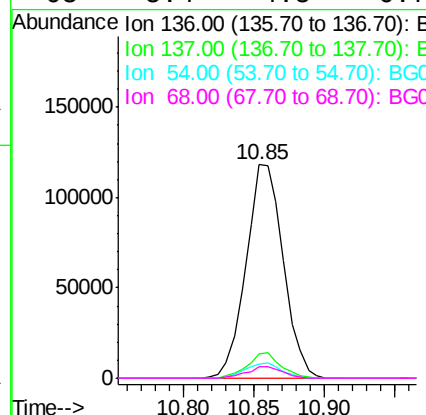
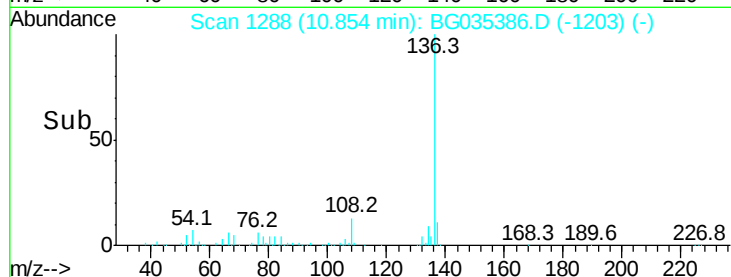
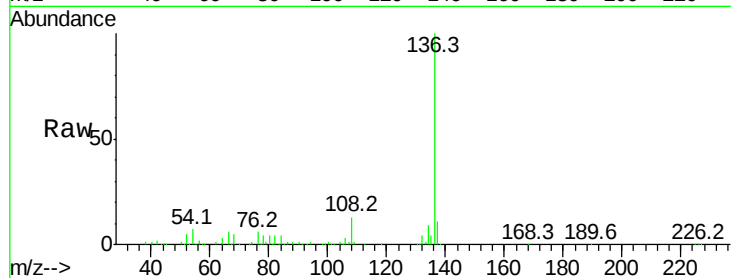
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1288
Delta R.T. -0.03 min
Lab File: BG035386.D
Acq: 25 Jun 2018 20:09

Instrument :
BNA_G
ClientSampleId :
TR-05-062118MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	218126		
137	11.5	9.2	13.8	
54	6.8	10.3	15.5	
68	5.4	4.5	6.7	

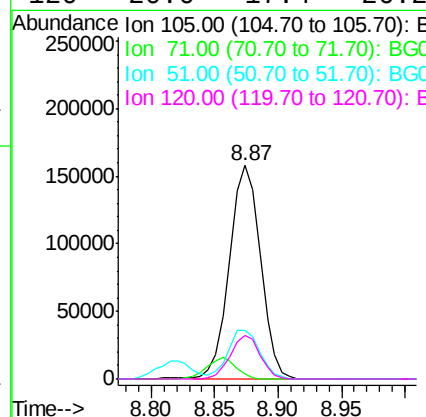
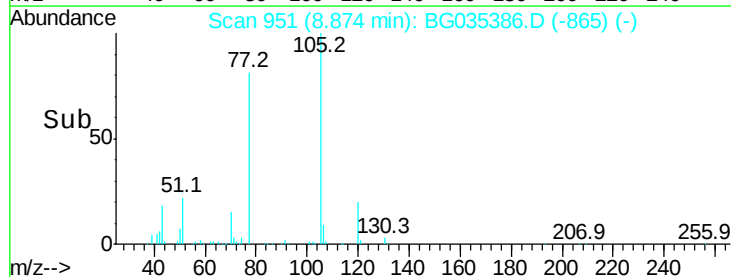
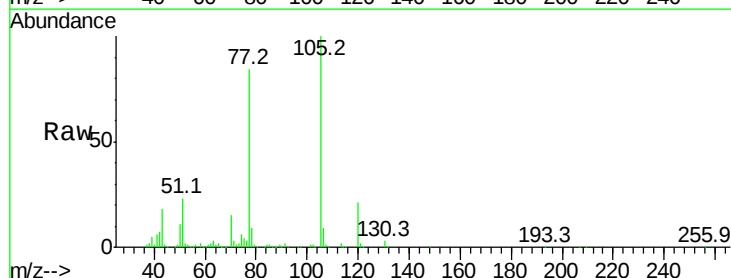
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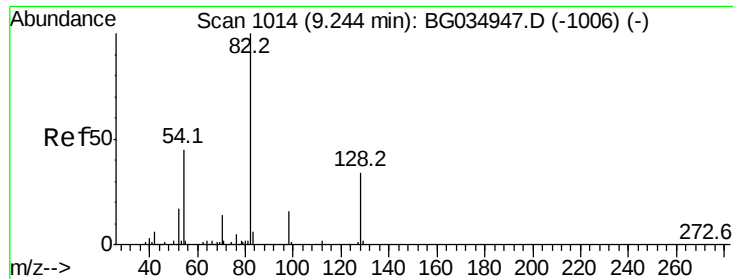
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#22
Acetophenone
Concen: 39.622 ng
RT: 8.87 min Scan# 951
Delta R.T. -0.02 min
Lab File: BG035386.D
Acq: 25 Jun 2018 20:09

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	267720		
71	2.5	3.0	4.4	
51	22.7	26.1	39.1	
120	20.6	17.4	26.2	





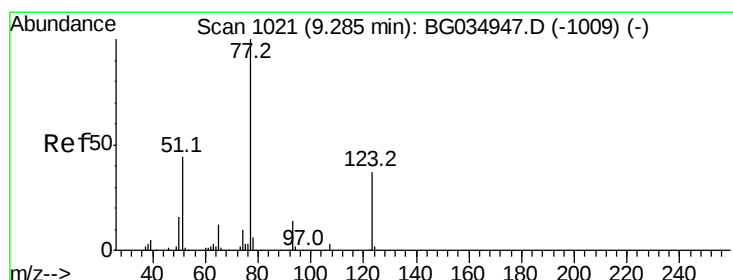
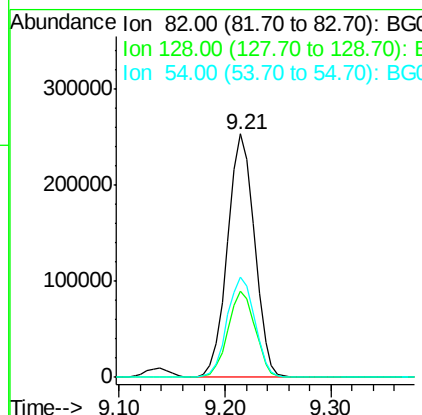
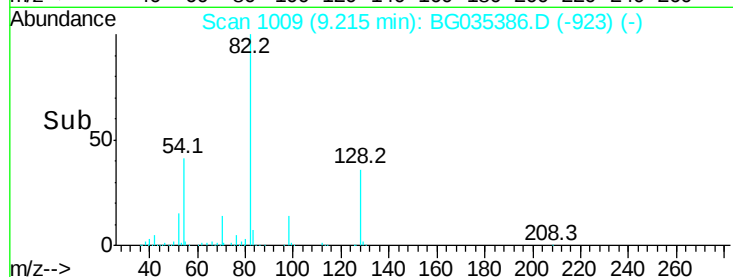
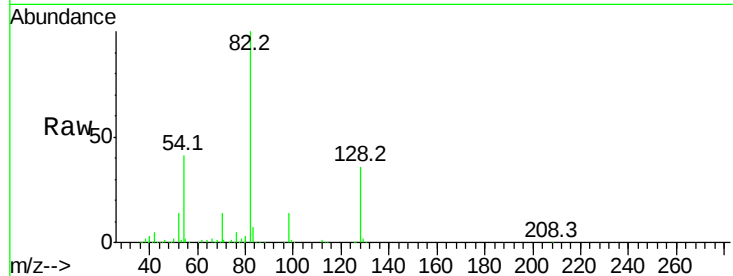
#23
Nitrobenzene-d5
Concen: 97.514 ng
RT: 9.21 min Scan# 1009
Delta R.T. -0.02 min
Lab File: BG035386.D
Acq: 25 Jun 2018 20:09

Instrument :
BNA_G
ClientSampleId :
TR-05-062118MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	35.6	29.7	44.5
54	41.1	43.1	64.7#

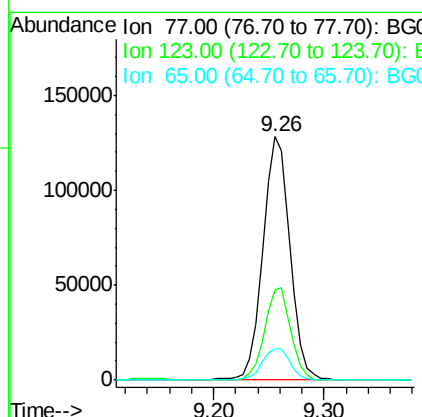
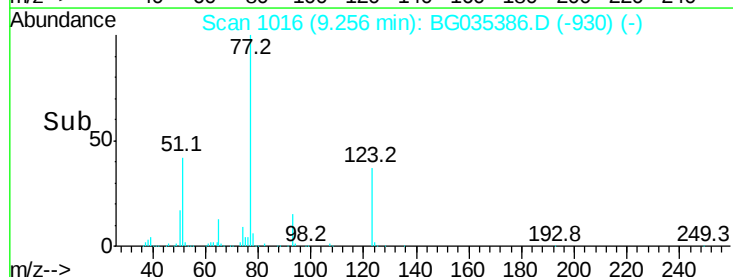
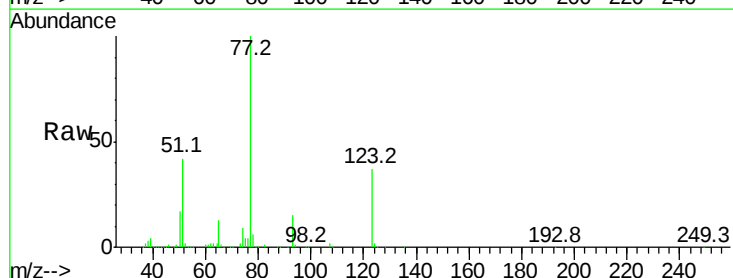
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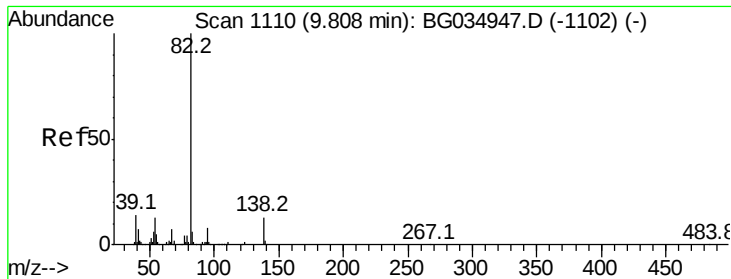
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#24
Nitrobenzene
Concen: 46.937 ng
RT: 9.26 min Scan# 1016
Delta R.T. -0.02 min
Lab File: BG035386.D
Acq: 25 Jun 2018 20:09

Tgt Ion	Ratio	Lower	Upper
77	100		
123	37.0	33.0	49.6
65	12.9	13.0	19.6#





#25

Isophorone

Concen: 42.797 ng

RT: 9.78 min Scan# 1105

Delta R.T. -0.02 min

Lab File: BG035386.D

Acq: 25 Jun 2018 20:09

Instrument :

BNA_G

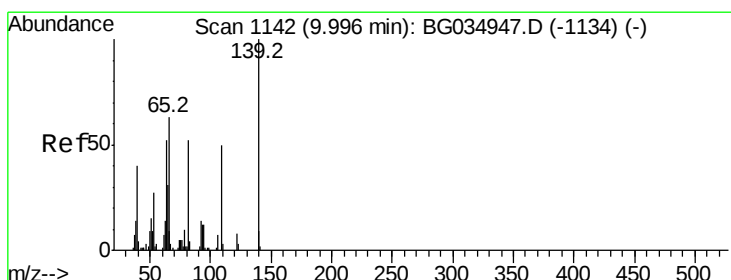
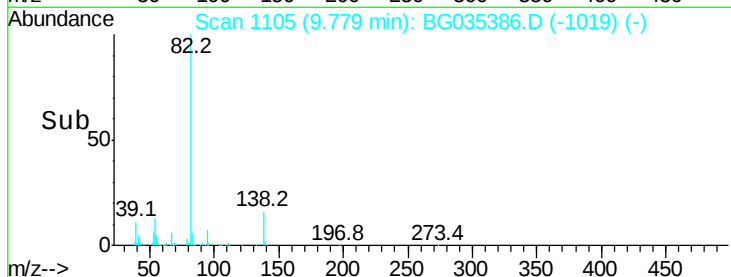
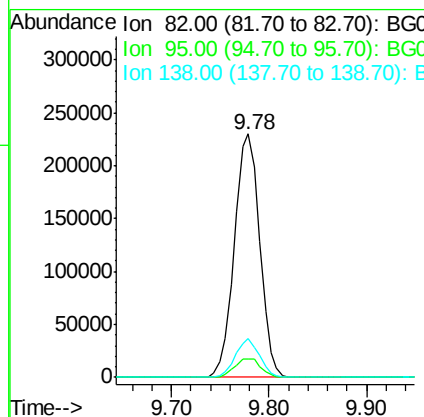
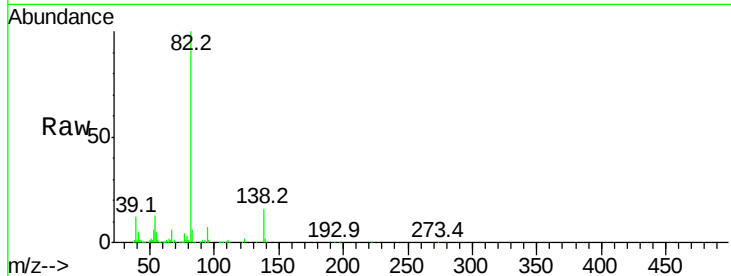
ClientSampleId :

TR-05-062118MSD

Tot Ion:	82	Resp:	414632
Ion Ratio	Lower	Upper	
82	100		
95	7.3	6.2	9.2
138	15.8	12.1	18.1

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#26

2-Nitrophenol

Concen: 56.298 ng

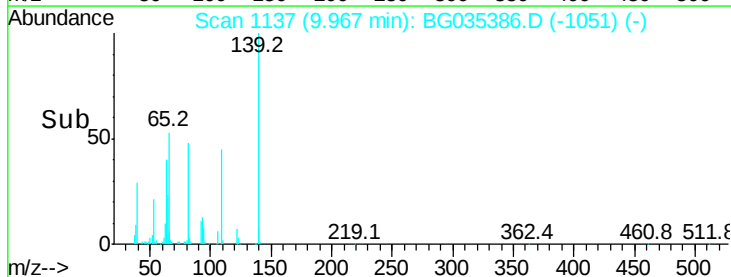
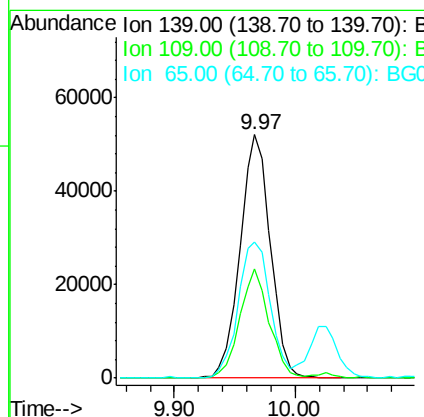
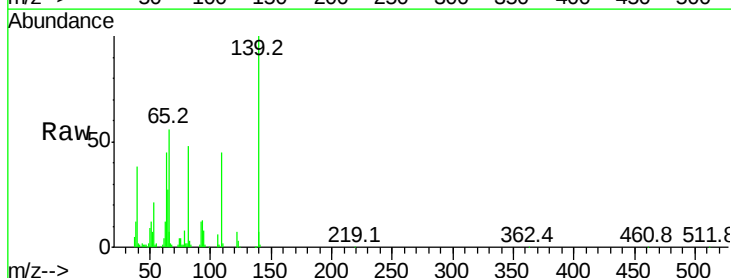
RT: 9.97 min Scan# 1137

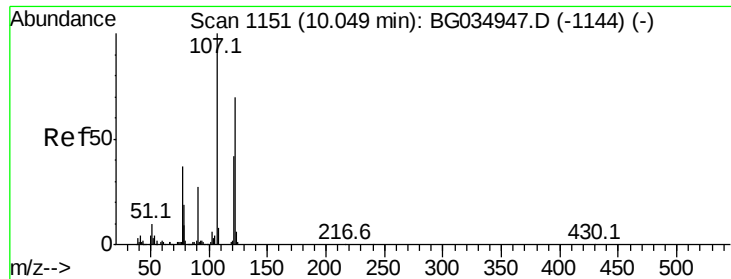
Delta R.T. -0.02 min

Lab File: BG035386.D

Acq: 25 Jun 2018 20:09

Tgt Ion:	139	Resp:	91187
Ion Ratio	Lower	Upper	
139	100		
109	44.7	24.2	36.2#
65	56.0	47.4	71.0





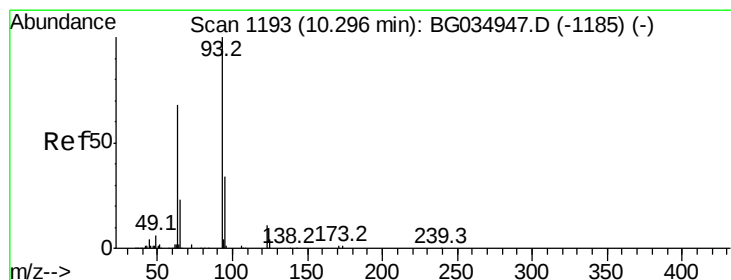
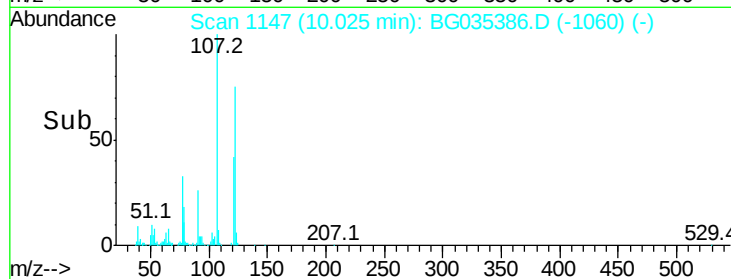
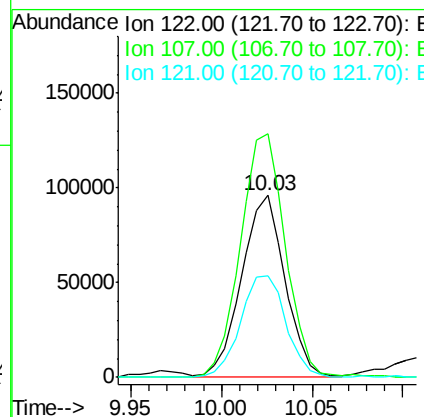
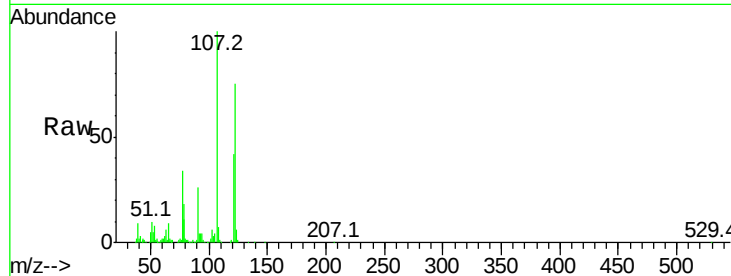
#27
2,4-Dimethylphenol
Concen: 46.639 ng
RT: 10.03 min Scan# 1147
Delta R.T. -0.02 min
Lab File: BG035386.D
Acq: 25 Jun 2018 20:09

Instrument :
BNA_G
ClientSampleId :
TR-05-062118MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	134.1	100.2	150.2
121	55.8	44.4	66.6

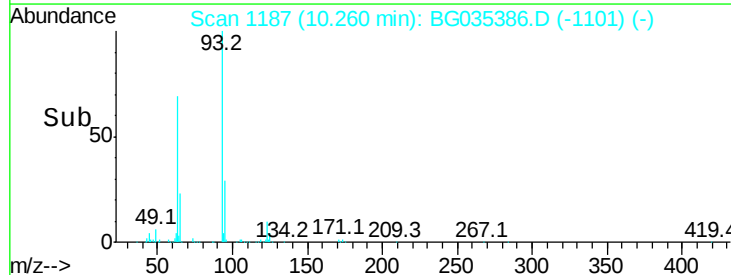
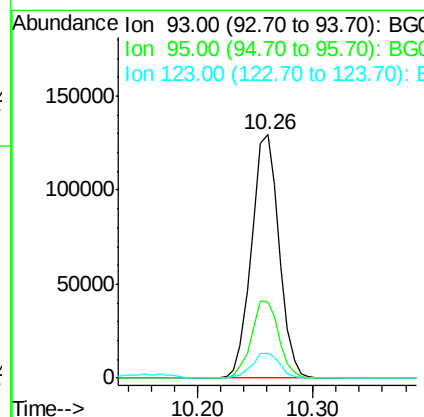
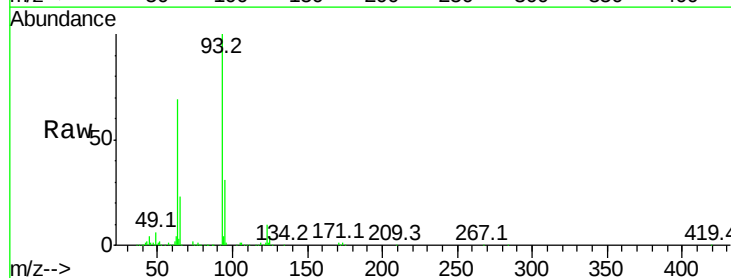
Manual Integrations
APPROVED

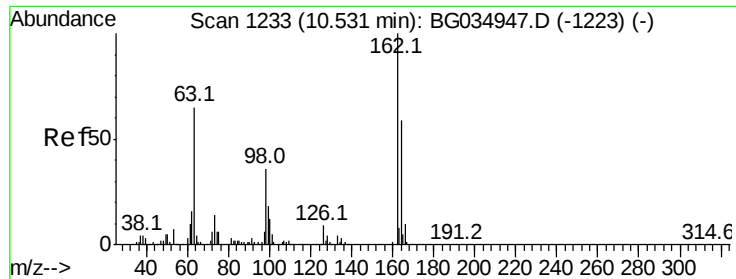
Sohil
6/27/2018 10:48:24 AM



#28
bis(2-Chloroethoxy)methane
Concen: 41.383 ng
RT: 10.26 min Scan# 1187
Delta R.T. -0.02 min
Lab File: BG035386.D
Acq: 25 Jun 2018 20:09

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.0	24.3	36.5
123	10.0	8.4	12.6





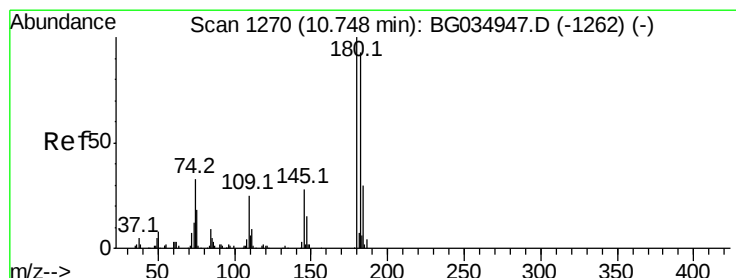
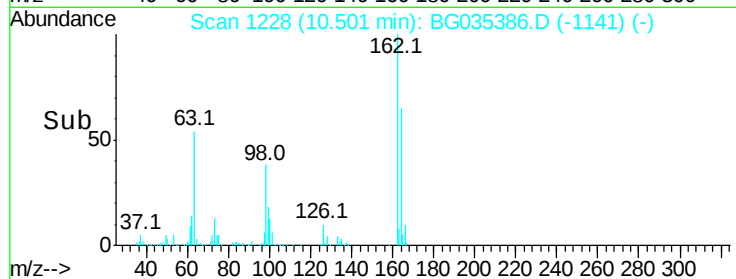
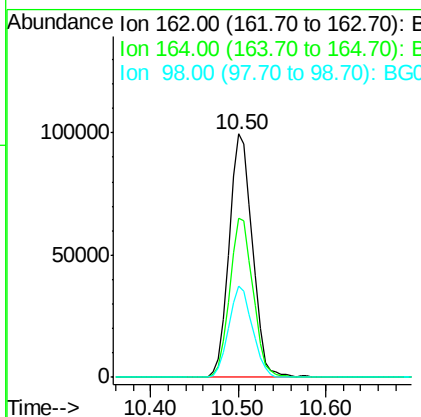
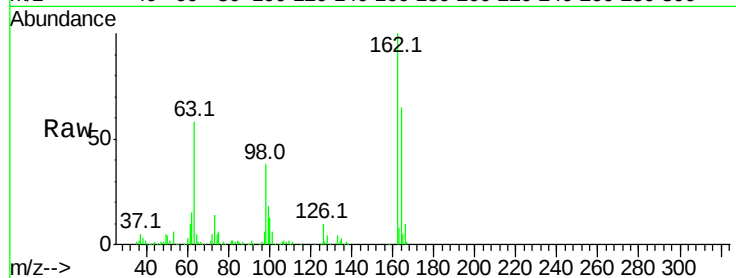
#29
2,4-Dichlorophenol
Concen: 48.597 ng
RT: 10.50 min Scan# 1228
Delta R.T. -0.02 min
Lab File: BG035386.D
Acq: 25 Jun 2018 20:09

Instrument :
BNA_G
ClientSampled :
TR-05-062118MSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	65.4	48.0	88.0
98	37.6	21.1	61.1

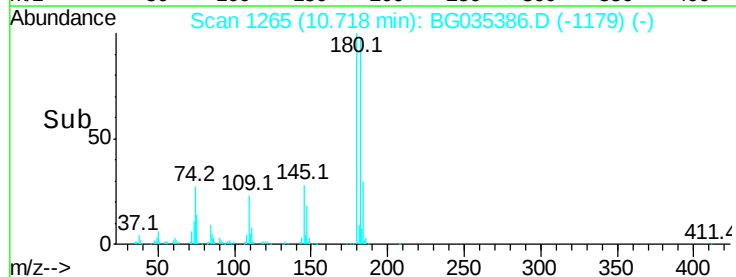
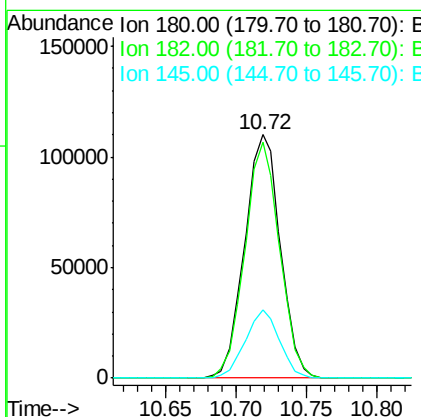
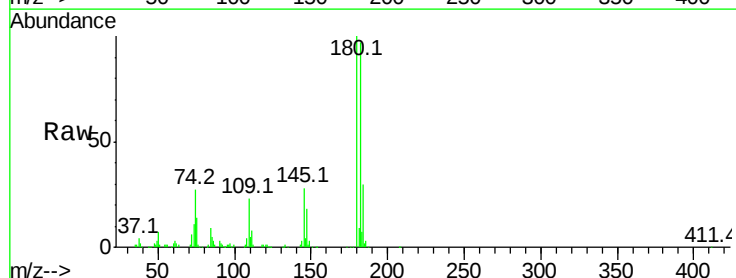
Manual Integrations
APPROVED

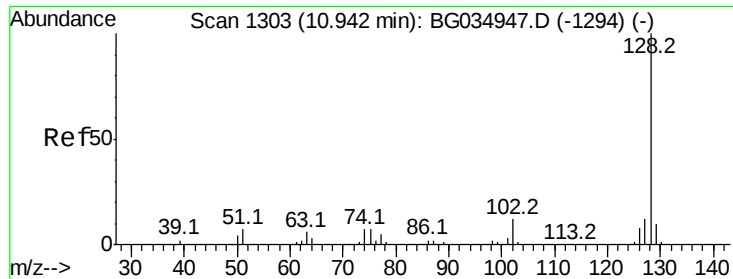
Sohil
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#30
1,2,4-Trichlorobenzene
Concen: 43.832 ng
RT: 10.72 min Scan# 1265
Delta R.T. -0.02 min
Lab File: BG035386.D
Acq: 25 Jun 2018 20:09

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	97.0	77.5	116.3
145	27.9	23.4	35.2





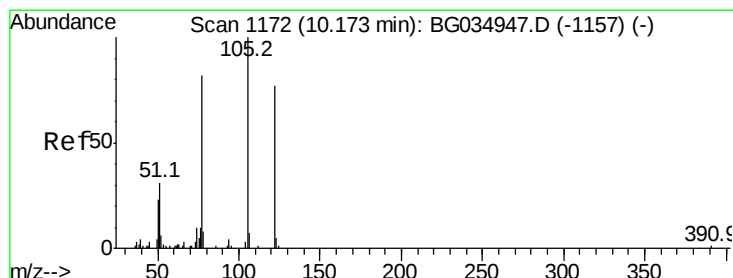
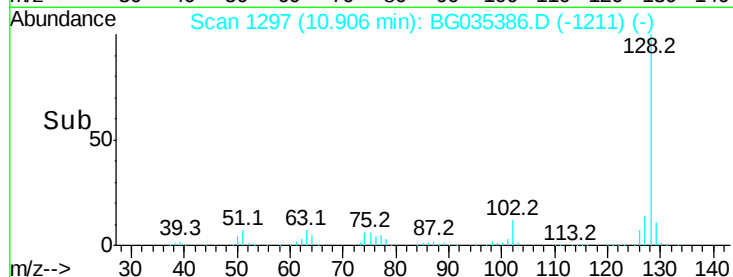
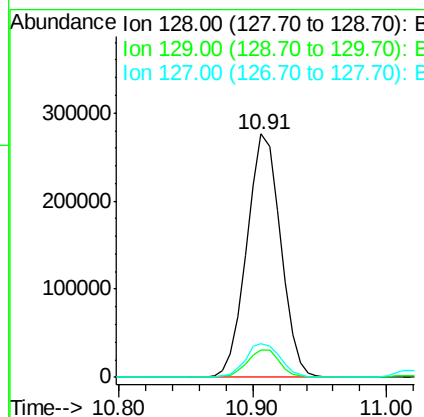
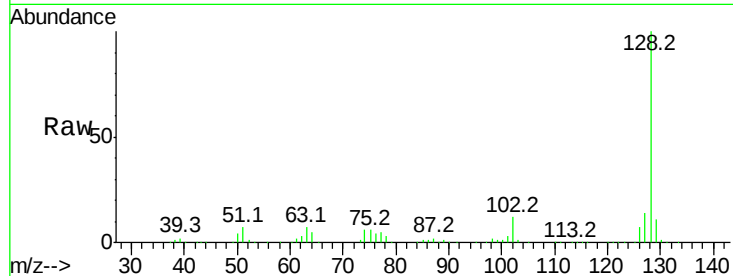
#31
Naphthalene
Concen: 42.637 ng
RT: 10.91 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BG035386.D
Acq: 25 Jun 2018 20:09

Instrument :
BNA_G
ClientSampleId :
TR-05-062118MSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100	483136		
129	11.5		8.6	12.8
127	13.7		11.6	17.4

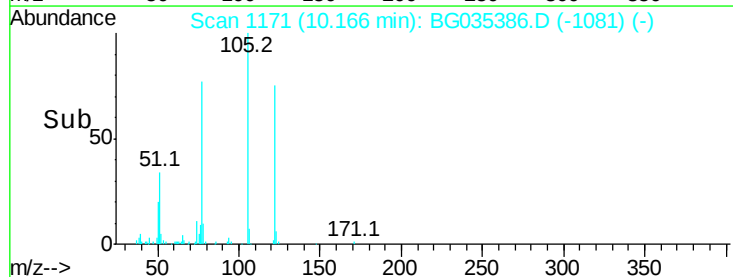
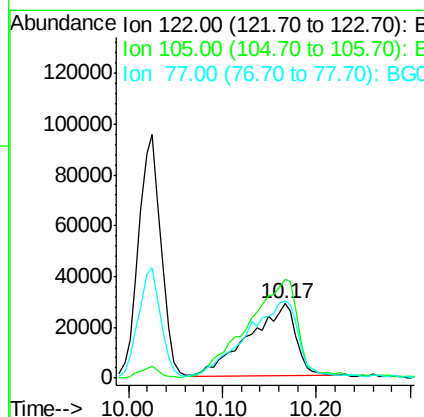
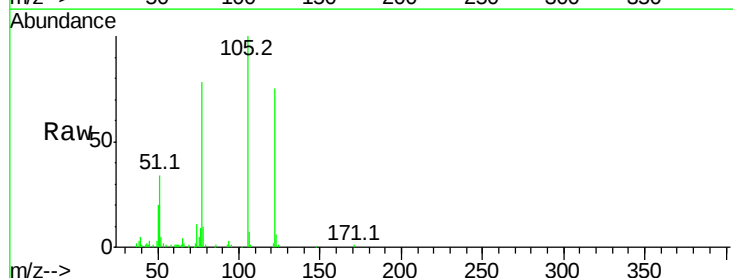
Manual Integrations
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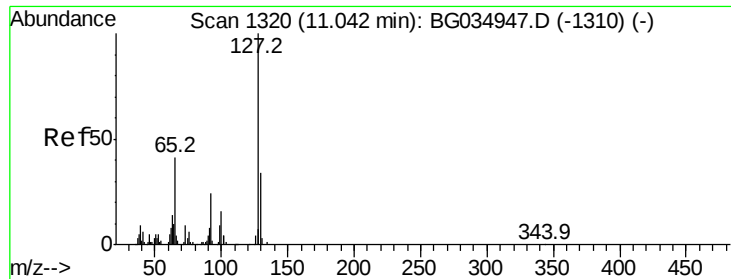
Sohil
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#32
Benzoic acid
Concen: 43.544 ng
RT: 10.17 min Scan# 1171
Delta R.T. -0.00 min
Lab File: BG035386.D
Acq: 25 Jun 2018 20:09

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	99296		
105	133.3		123.5	163.5
77	103.8		85.7	125.7





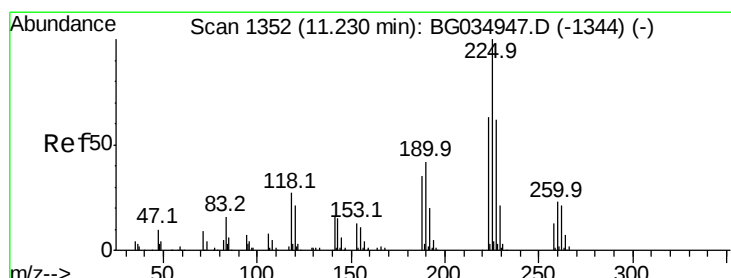
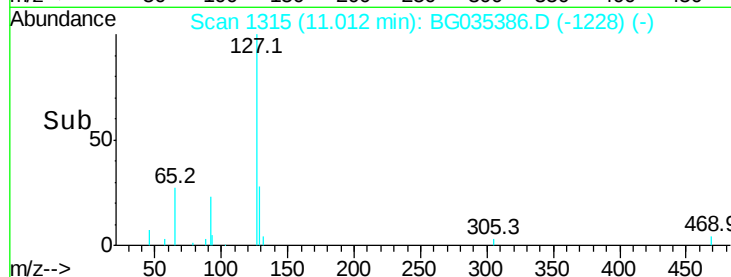
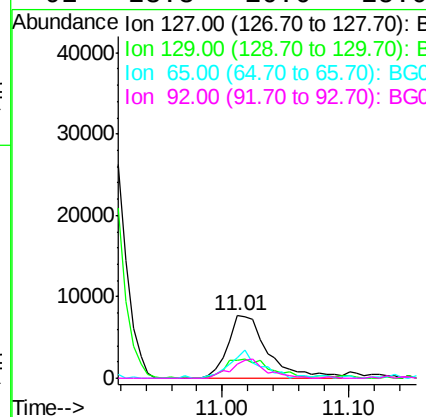
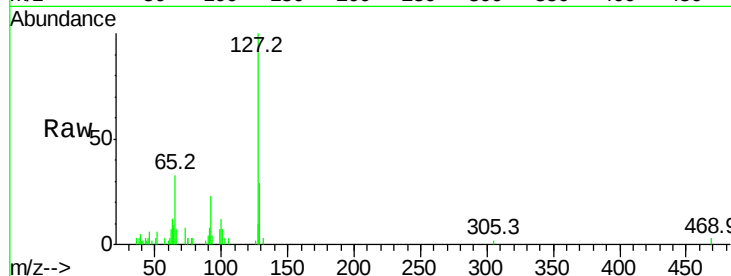
#33
4-Chloroaniline
Concen: 3.410 ng
RT: 11.01 min Scan# 1315
Delta R.T. -0.02 min
Lab File: BG035386.D
Acq: 25 Jun 2018 20:09

Instrument :
BNA_G
ClientSampleId :
TR-05-062118MSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	28.8	24.0	36.0
65	33.1	27.0	40.4
92	23.3	16.6	25.0

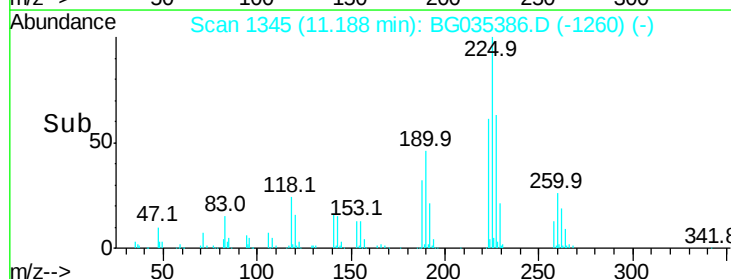
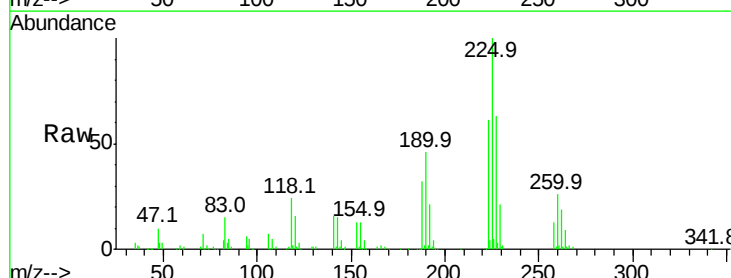
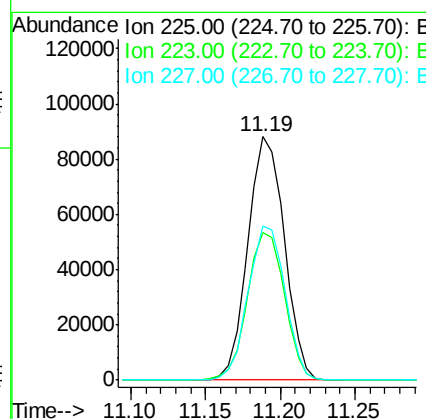
Manual Integrations
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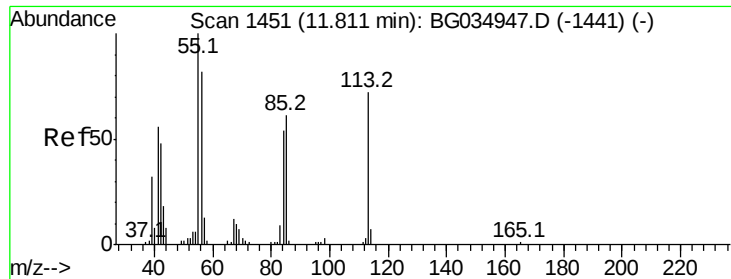
Sohil
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#34
Hexachlorobutadiene
Concen: 43.082 ng
RT: 11.19 min Scan# 1345
Delta R.T. -0.03 min
Lab File: BG035386.D
Acq: 25 Jun 2018 20:09

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.6	49.7	74.5
227	63.5	48.1	72.1





#35

Caprolactam

Concen: 34.589 ng/ml

RT: 11.79 min Scan# 1447

Delta R.T. -0.02 min

Lab File: BG035386.D

Acq: 25 Jun 2018 20:09

Instrument :

BNA_G

ClientSampleId :

TR-05-062118MSD

Tot Ion:113 Resp: 47355

Ion Ratio Lower Upper

113 100

55 177.3 186.9 226.9#

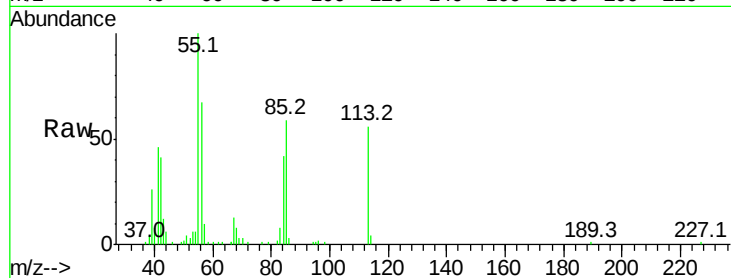
56 118.1 130.9 170.9#

Manual Integrations

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Sohil

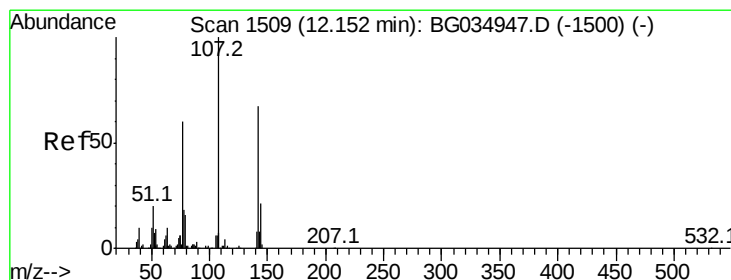
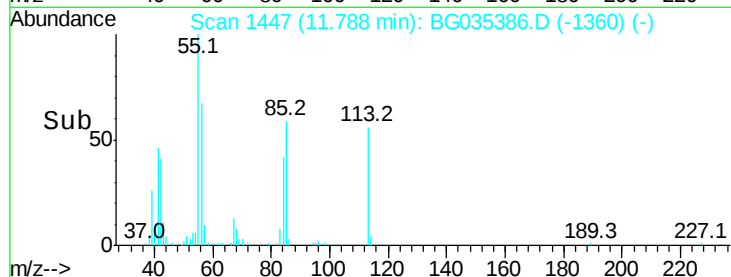
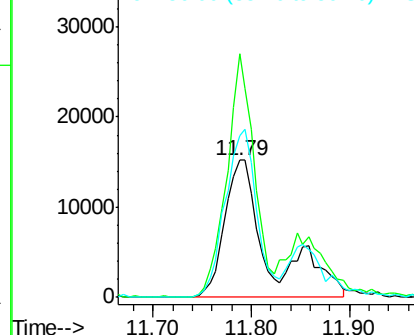
6/27/2018 10:48:24 AM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG035386.D (-1360) (-)

Ion 56.00 (55.70 to 56.70): BG035386.D (-1360) (-)



#36

4-Chloro-3-methylphenol

Concen: 47.478 ng/ml

RT: 12.13 min Scan# 1506

Delta R.T. -0.01 min

Lab File: BG035386.D

Acq: 25 Jun 2018 20:09

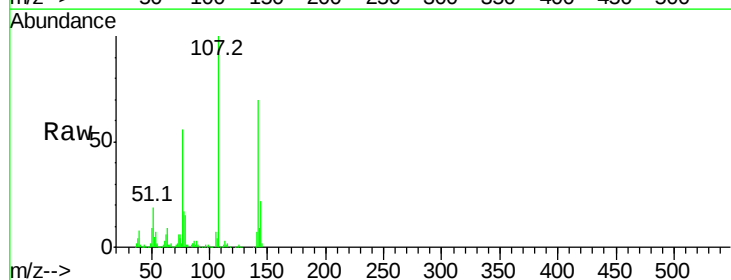
Tgt Ion:107 Resp: 219244

Ion Ratio Lower Upper

107 100

144 22.0 18.2 27.4

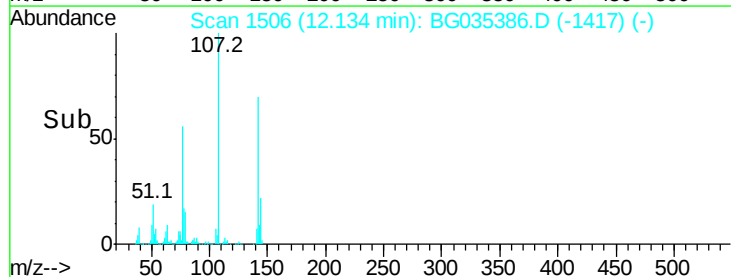
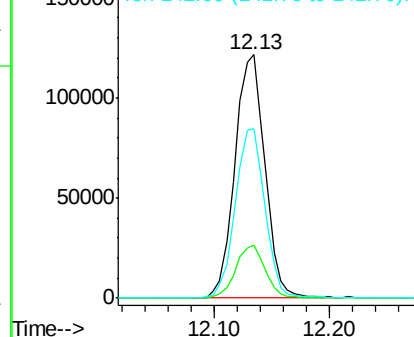
142 69.8 59.0 88.4

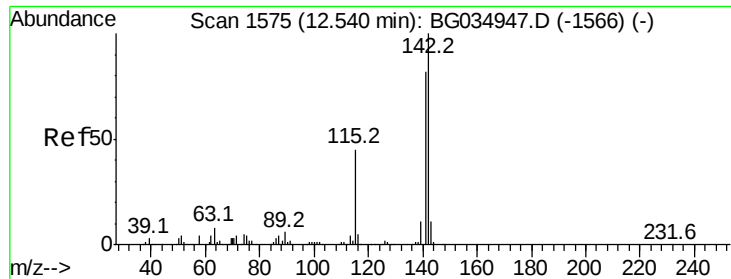


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): BG035386.D (-1417) (-)

Ion 142.00 (141.70 to 142.70): BG035386.D (-1417) (-)





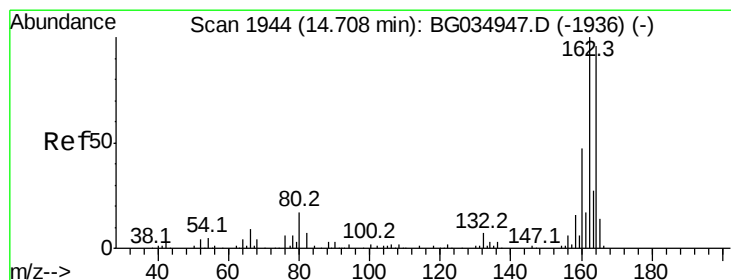
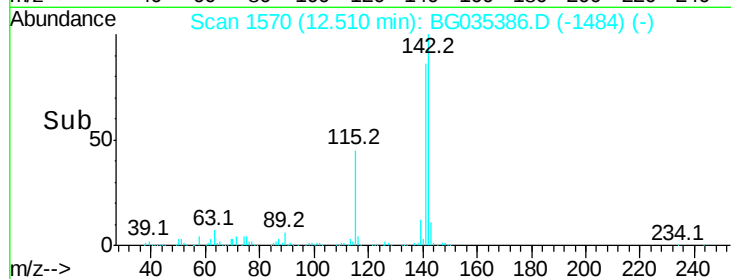
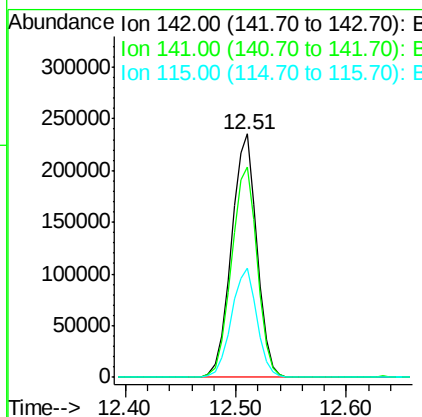
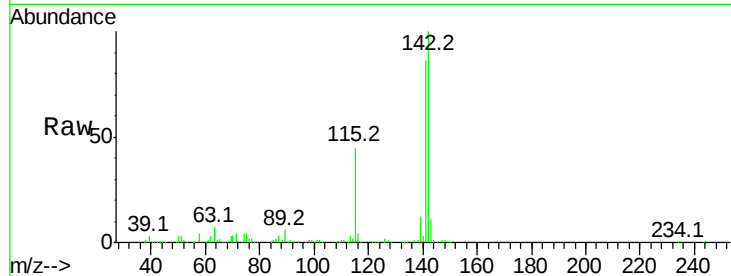
#37
2-Methylnaphthalene
Concen: 44.149 ng
RT: 12.51 min Scan# 1570
Delta R.T. -0.02 min
Lab File: BG035386.D
Acq: 25 Jun 2018 20:09

Instrument :
BNA_G
ClientSampleId :
TR-05-062118MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	86.4	67.1	100.7
115	44.9	30.7	46.1

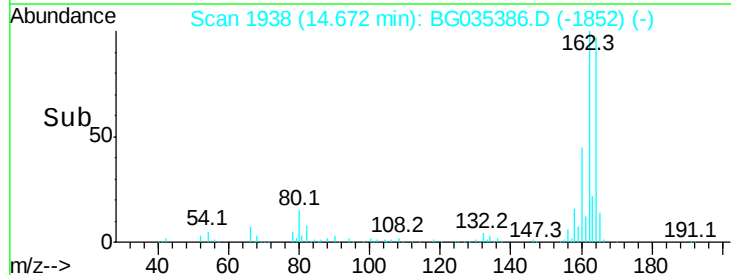
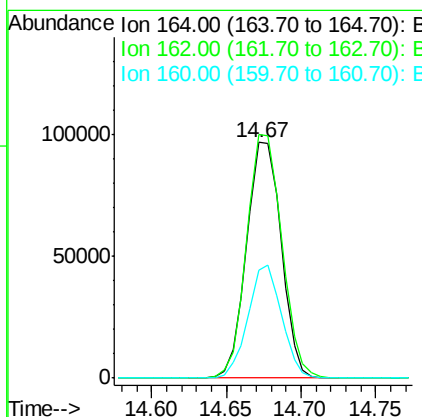
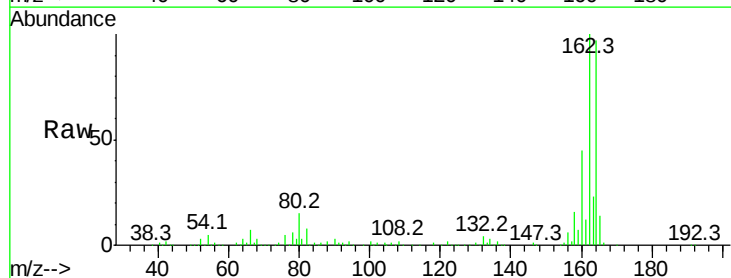
Manual Integrations
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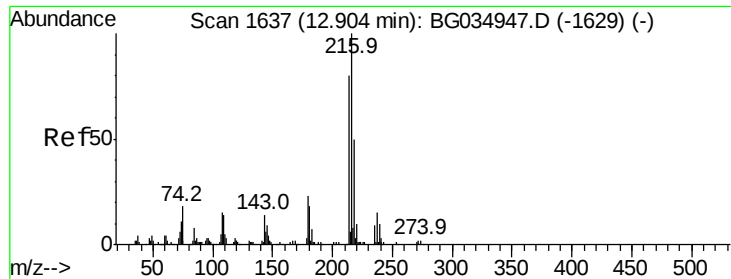
Sohil
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1938
Delta R.T. -0.02 min
Lab File: BG035386.D
Acq: 25 Jun 2018 20:09

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.4	78.8	118.2
160	46.1	35.4	53.0





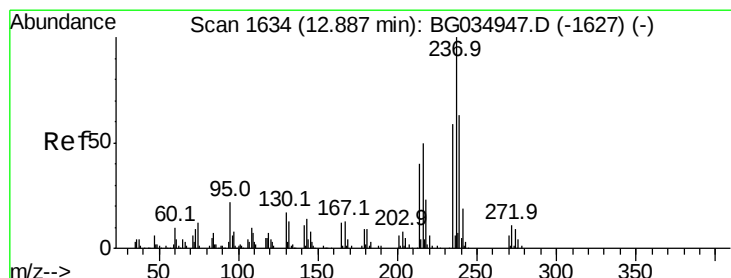
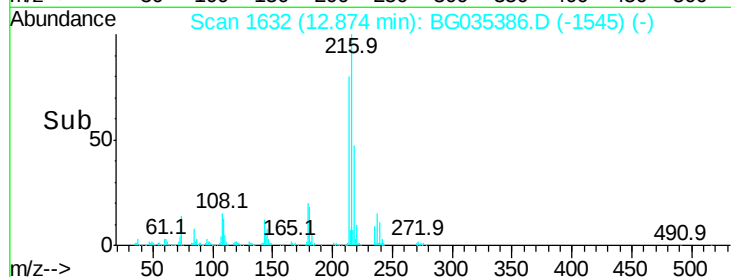
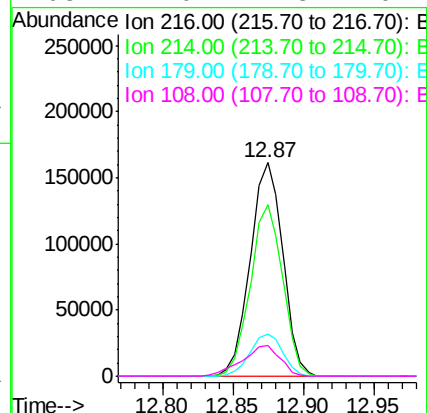
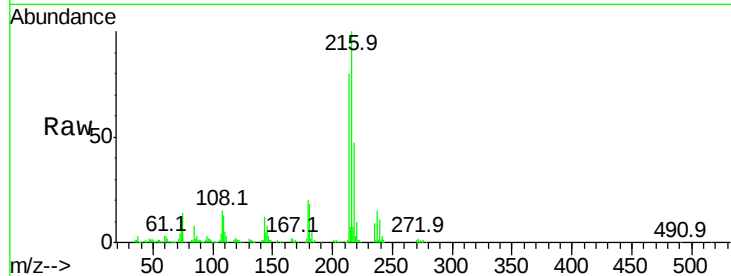
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.080 ng
 RT: 12.87 min Scan# 1632
 Delta R.T. -0.02 min
 Lab File: BG035386.D
 Acq: 25 Jun 2018 20:09

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-062118MSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	259813		
214	79.1	63.0	94.4	
179	20.0	17.0	25.6	
108	17.0	12.8	19.2	

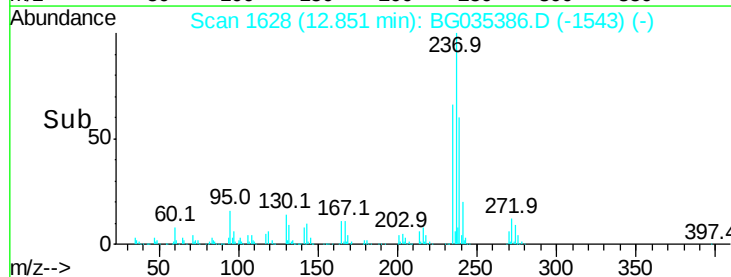
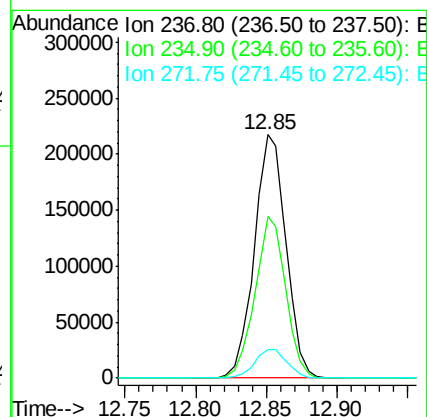
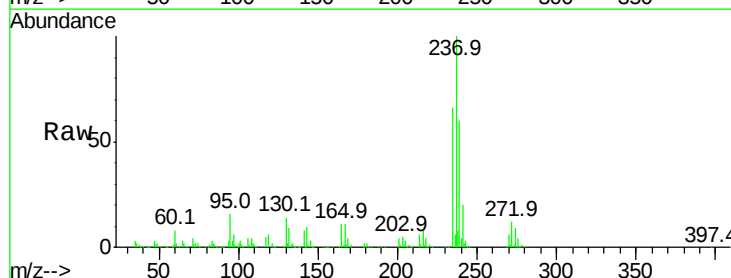
Manual Integrations
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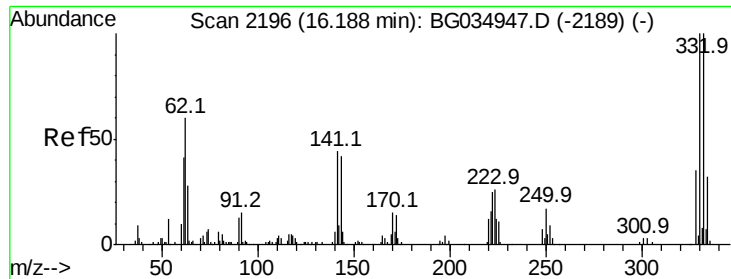
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#40
 Hexachlorocyclopentadiene
 Concen: 94.472 ng
 RT: 12.85 min Scan# 1628
 Delta R.T. -0.03 min
 Lab File: BG035386.D
 Acq: 25 Jun 2018 20:09

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	341441		
235	66.2	50.4	90.4	
272	12.0	0.0	31.8	





#41

2,4,6-Tribromophenol

Concen: 174.096 ng

RT: 16.16 min Scan# 2192

Delta R.T. -0.02 min

Lab File: BG035386.D

Acq: 25 Jun 2018 20:09

Instrument :

BNA_G

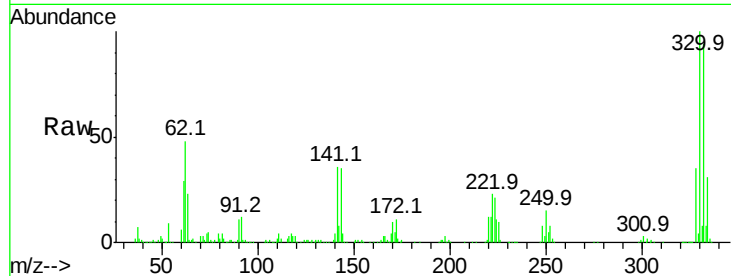
ClientSampleId :

TR-05-062118MSD

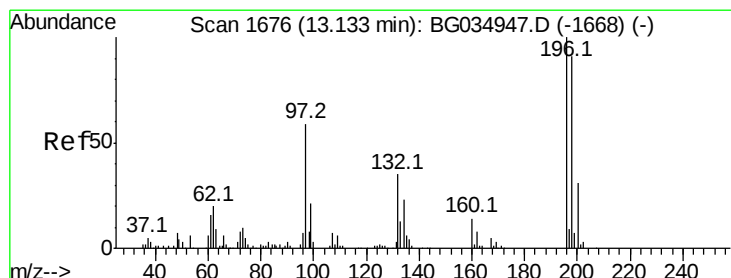
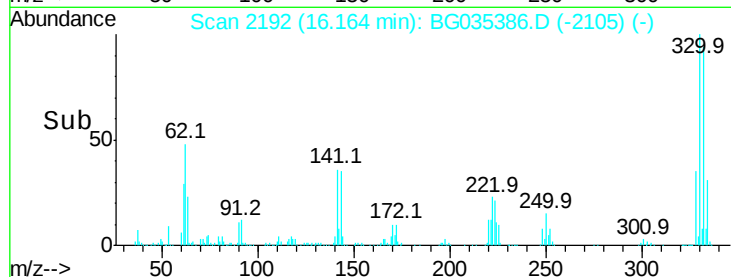
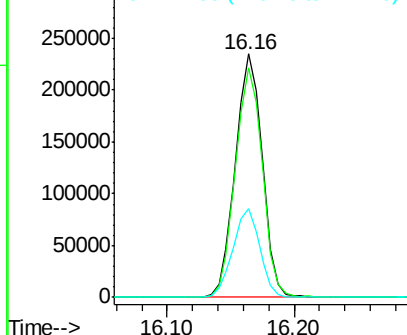
Tot Ion:	330	Resp:	344842
Ion Ratio	Lower	Upper	
330	100		
332	94.7	77.0	115.6
141	36.3	25.2	37.8

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



#42

2,4,6-Trichlorophenol

Concen: 49.582 ng

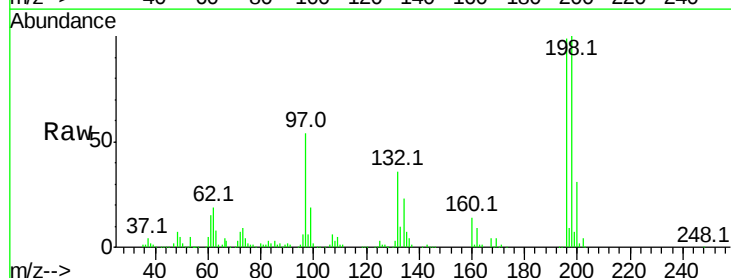
RT: 13.11 min Scan# 1672

Delta R.T. -0.02 min

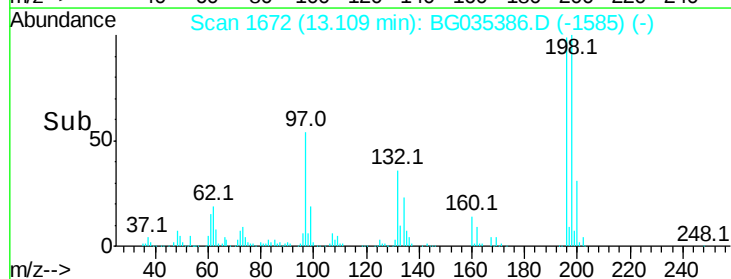
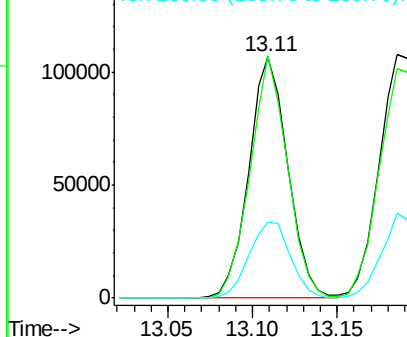
Lab File: BG035386.D

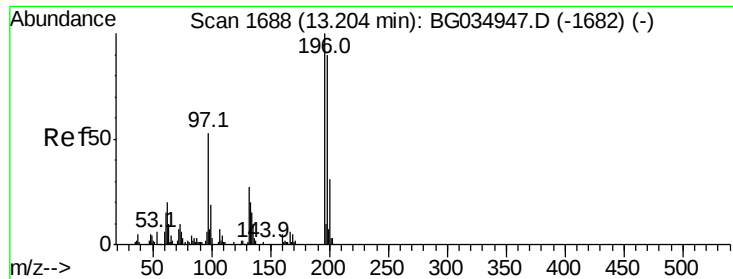
Acq: 25 Jun 2018 20:09

Tgt Ion:	196	Resp:	171107
Ion Ratio	Lower	Upper	
196	100		
198	100.6	78.2	117.2
200	31.5	24.6	36.8



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





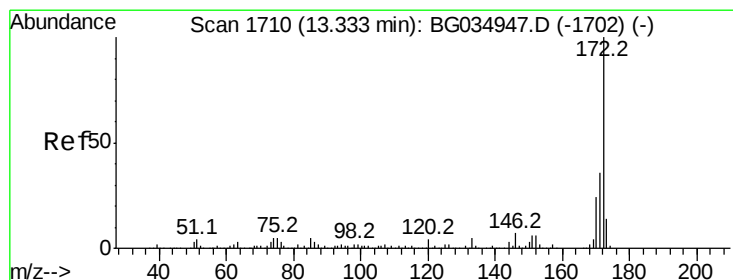
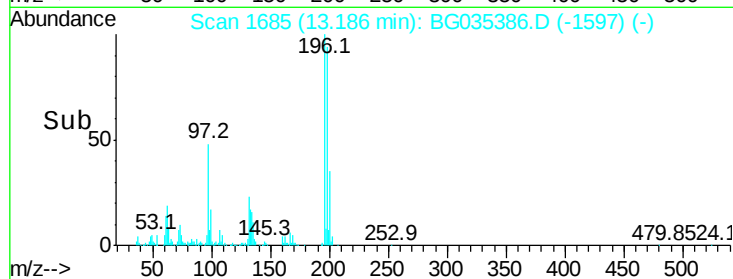
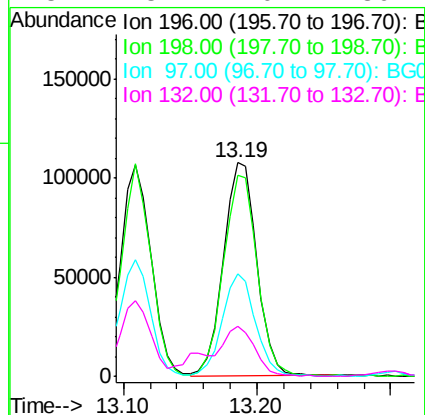
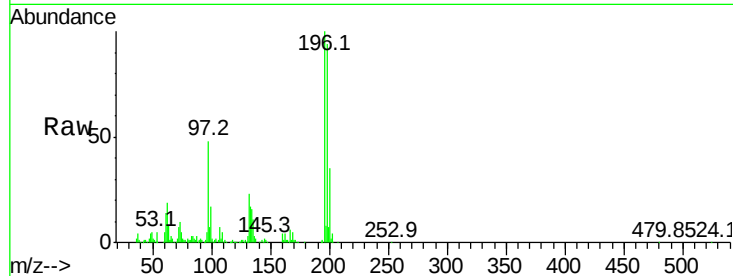
#43
2,4,5-Trichlorophenol
Concen: 49.611 ng
RT: 13.19 min Scan# 1685
Delta R.T. -0.01 min
Lab File: BG035386.D
Acq: 25 Jun 2018 20:09

Instrument :
BNA_G
ClientSampleId :
TR-05-062118MSD

Tot Ion	196	Resp	187917
Ion Ratio	100	Lower	Upper
196	100		
198	94.0	76.2	114.4
97	48.2	38.7	58.1
132	23.2	20.2	30.2

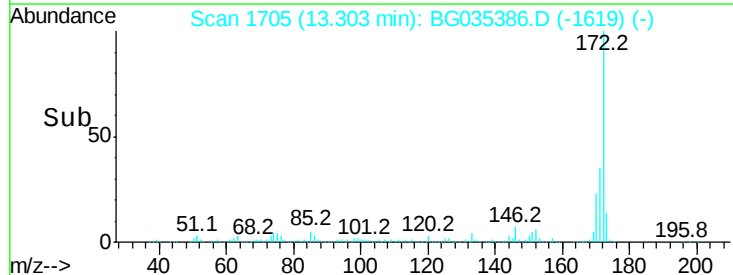
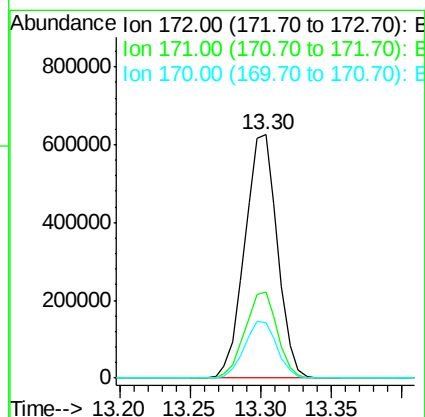
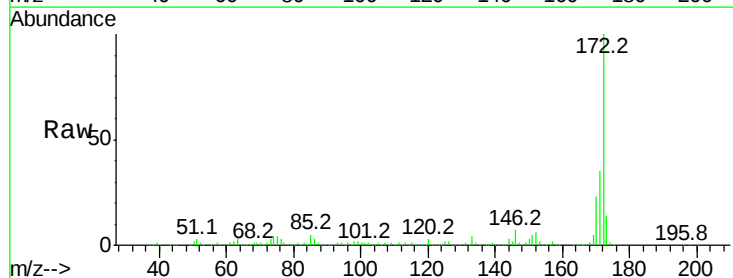
Manual Integrations
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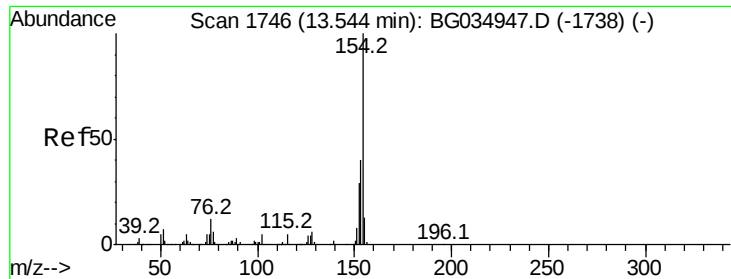
Sohil
6/27/2018 10:48:24 AM



#44
2-Fluorobiphenyl
Concen: 84.850 ng
RT: 13.30 min Scan# 1705
Delta R.T. -0.02 min
Lab File: BG035386.D
Acq: 25 Jun 2018 20:09

Tgt Ion	172	Resp	1009919
Ion Ratio	100	Lower	Upper
172	100		
171	35.4	30.0	45.0
170	22.9	19.5	29.3





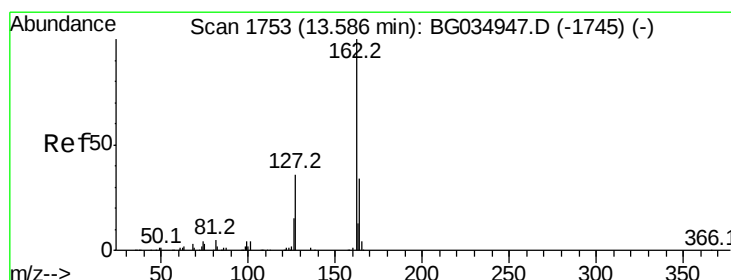
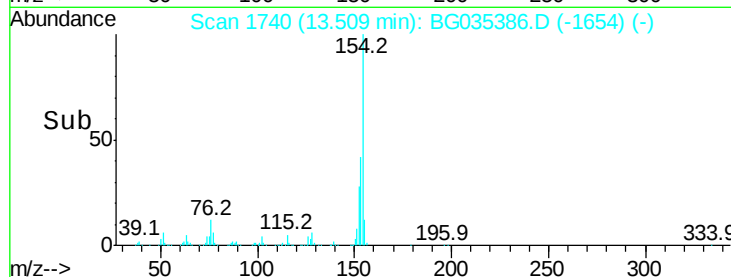
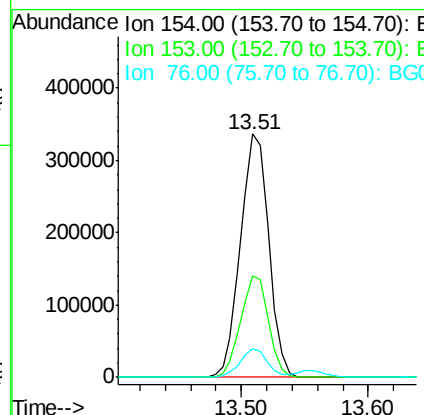
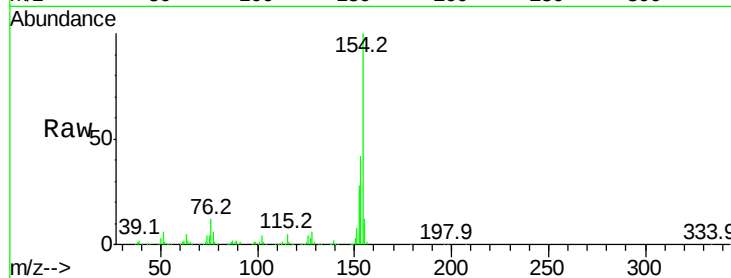
#45
 1,1'-Biphenyl
 Concen: 41.605 ng
 RT: 13.51 min Scan# 1740
 Delta R.T. -0.02 min
 Lab File: BG035386.D
 Acq: 25 Jun 2018 20:09

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-062118MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.6	19.8	59.8
76	11.8	0.0	31.9

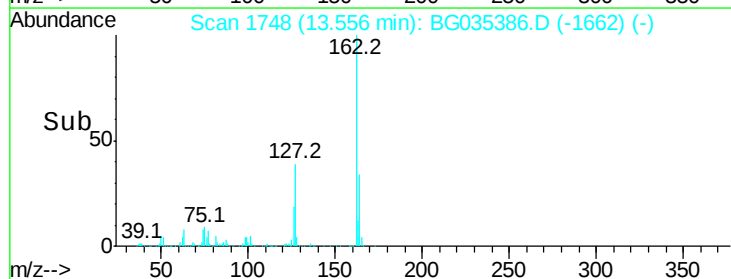
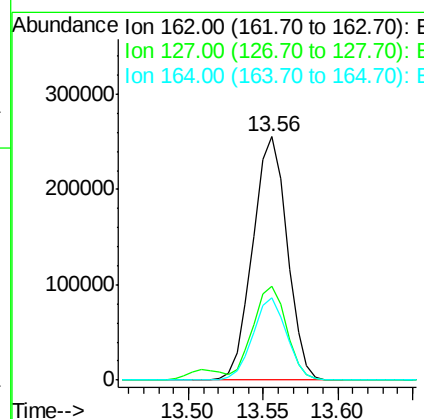
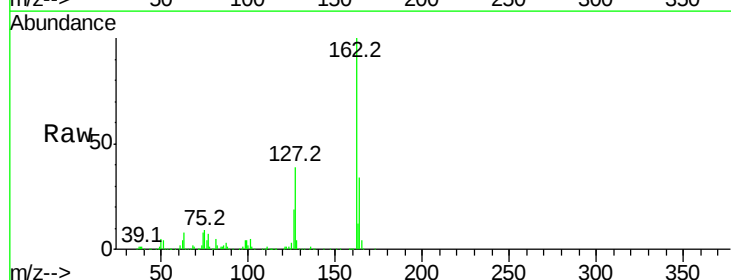
Manual Integrations
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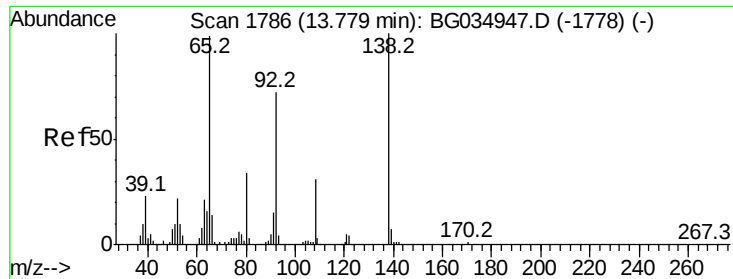
Sohil
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#46
 2-Chloronaphthalene
 Concen: 43.219 ng
 RT: 13.56 min Scan# 1748
 Delta R.T. -0.02 min
 Lab File: BG035386.D
 Acq: 25 Jun 2018 20:09

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.8	30.7	46.1
164	34.0	26.0	39.0





#47

2-Nitroaniline

Concen: 51.551 ng

RT: 13.76 min Scan# 1782

Delta R.T. -0.02 min

Lab File: BG035386.D

Acq: 25 Jun 2018 20:09

Instrument :

BNA_G

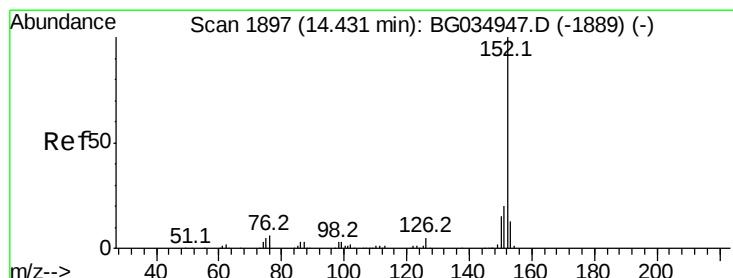
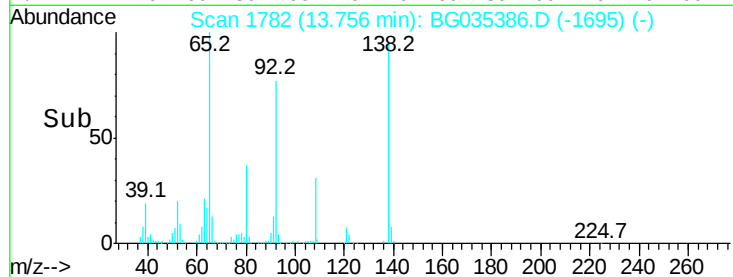
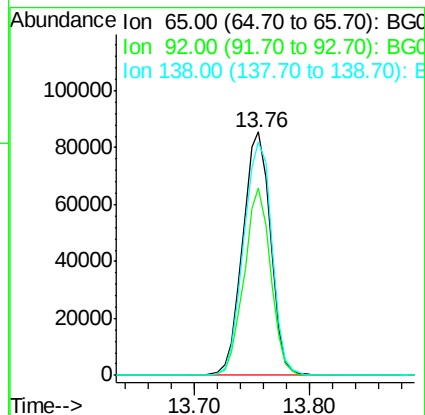
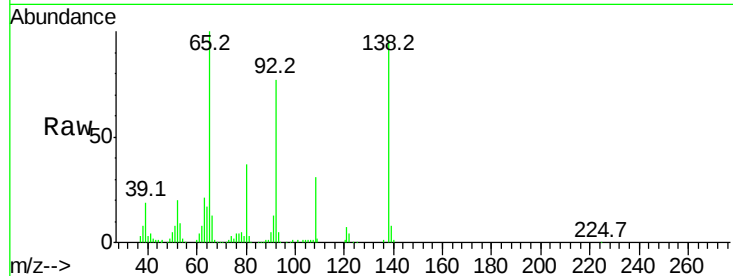
ClientSampleId :

TR-05-062118MSD

Tot Ion:	65	Resp:	143198
Ion Ratio	Lower	Upper	
65	100		
92	77.0	54.6	82.0
138	95.9	72.9	109.3

Manual Integrations
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#48

Acenaphthylene

Concen: 43.552 ng

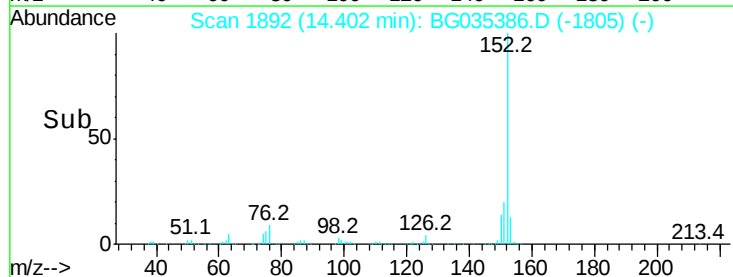
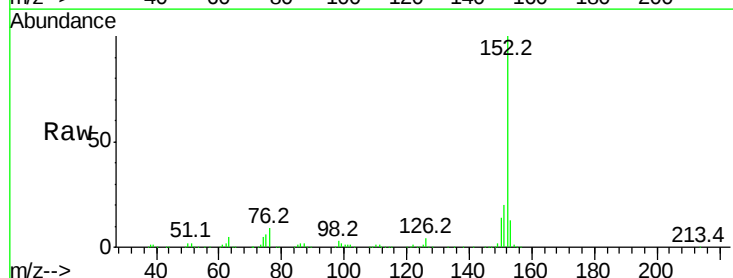
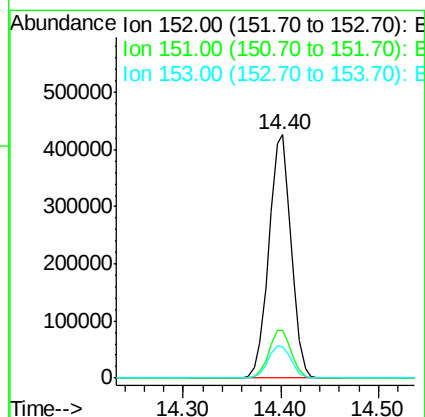
RT: 14.40 min Scan# 1892

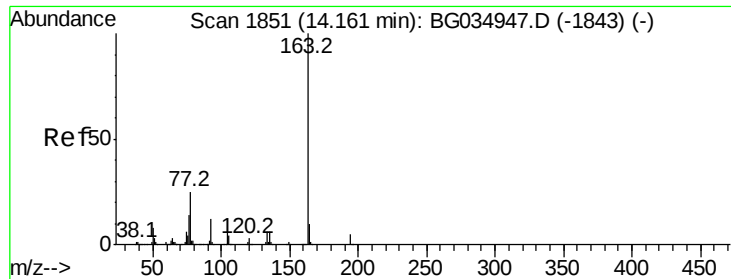
Delta R.T. -0.02 min

Lab File: BG035386.D

Acq: 25 Jun 2018 20:09

Tgt Ion:	152	Resp:	686958
Ion Ratio	Lower	Upper	
152	100		
151	19.6	17.2	25.8
153	13.0	10.2	15.4





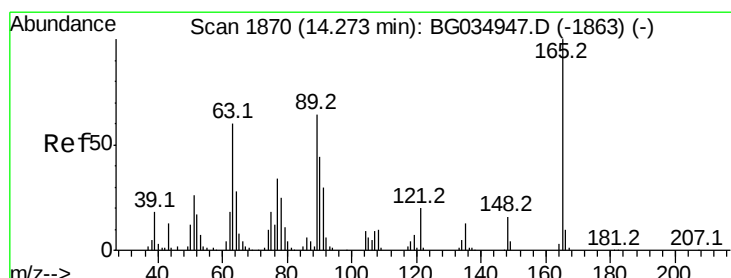
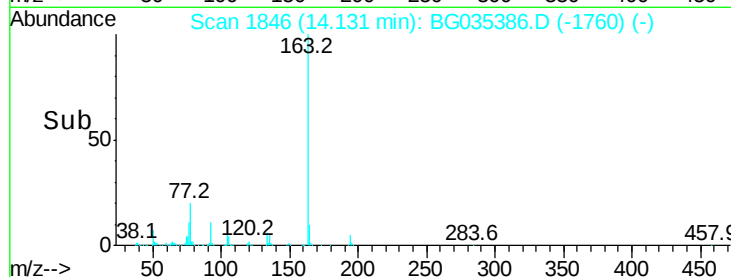
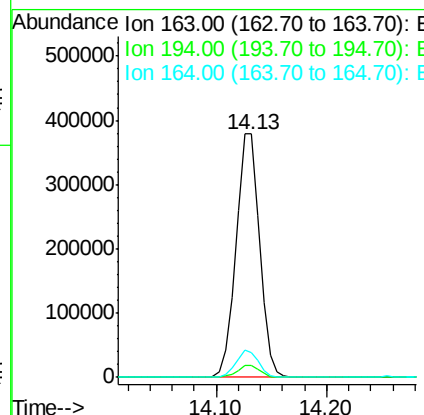
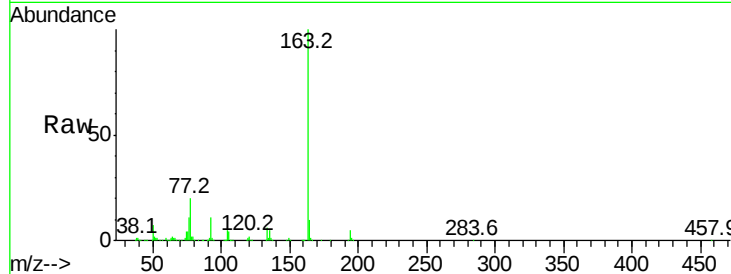
#49
Dimethylphthalate
Concen: 42.168 ng
RT: 14.13 min Scan# 1846
Delta R.T. -0.02 min
Lab File: BG035386.D
Acq: 25 Jun 2018 20:09

Instrument :
BNA_G
ClientSampleId :
TR-05-062118MSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	568979		
194	4.8		3.4	5.2
164	10.2		8.2	12.4

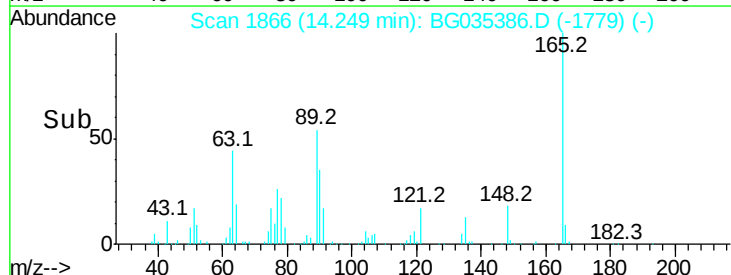
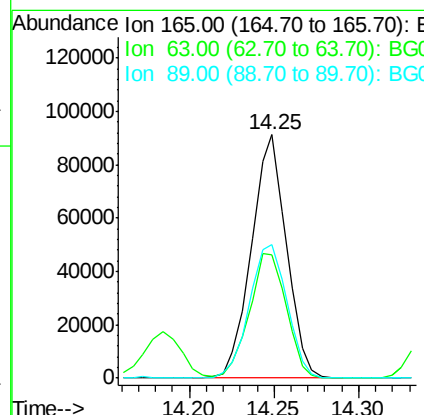
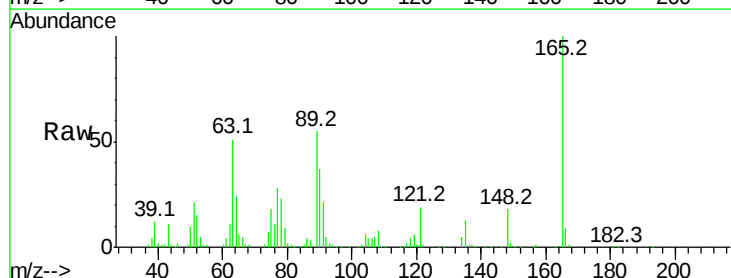
Manual Integrations
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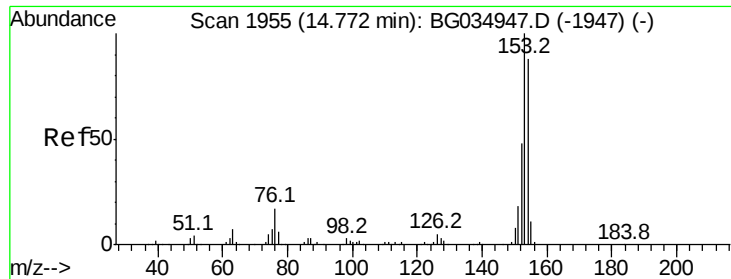
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#50
2,6-Dinitrotoluene
Concen: 53.467 ng
RT: 14.25 min Scan# 1866
Delta R.T. -0.02 min
Lab File: BG035386.D
Acq: 25 Jun 2018 20:09

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	131612		
63	50.6		52.7	79.1#
89	54.7		49.2	73.8





#51

Acenaphthene

Concen: 39.897 ng

RT: 14.74 min Scan# 1950

Delta R.T. -0.02 min

Lab File: BG035386.D

Acq: 25 Jun 2018 20:09

Instrument :

BNA_G

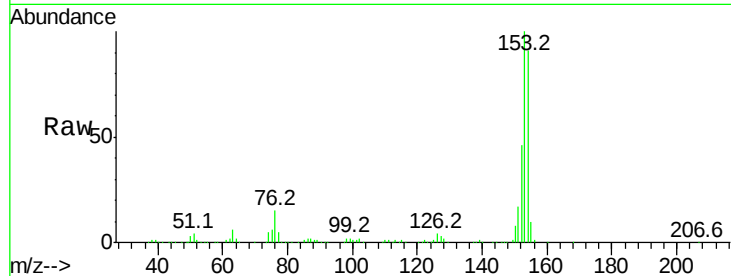
ClientSampleId :

TR-05-062118MSD

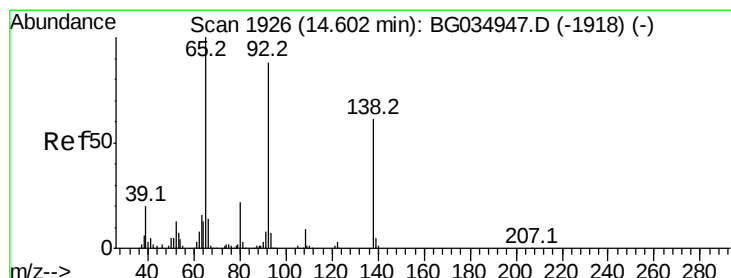
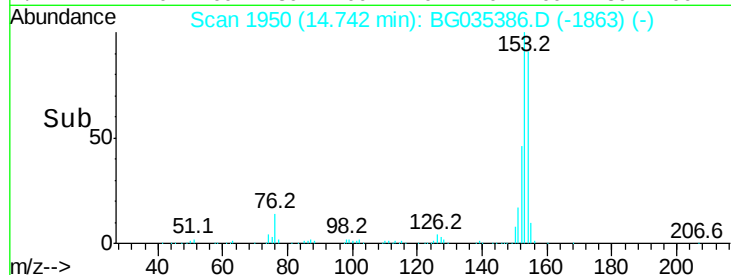
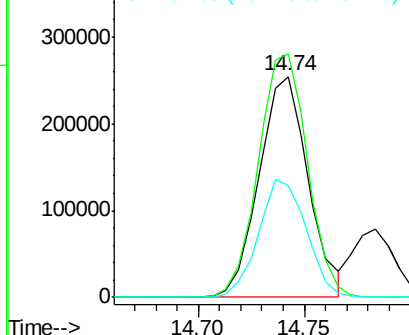
Tot Ion:	154	Resp:	411170
Ion Ratio	Lower	Upper	
154	100		
153	110.2	90.4	135.6
152	50.8	41.6	62.4

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



#52

3-Nitroaniline

Concen: 24.421 ng

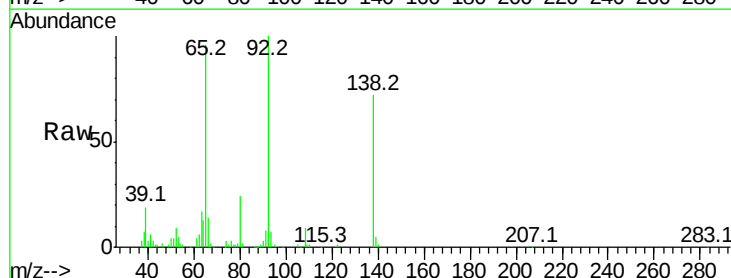
RT: 14.58 min Scan# 1922

Delta R.T. -0.01 min

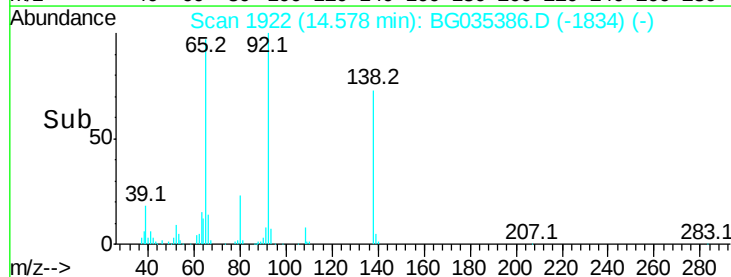
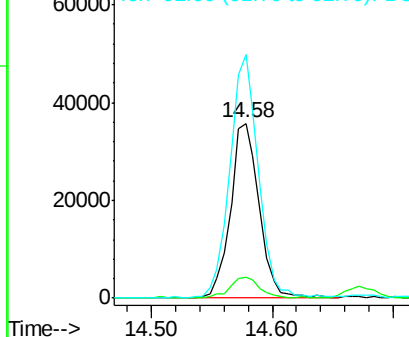
Lab File: BG035386.D

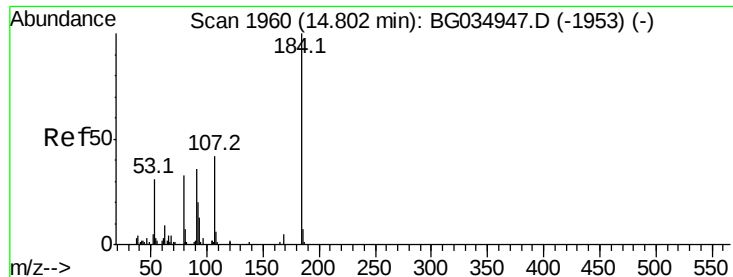
Acq: 25 Jun 2018 20:09

Tgt Ion:	138	Resp:	58987
Ion Ratio	Lower	Upper	
138	100		
108	11.8	17.5	26.3#
92	139.1	105.8	158.8



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





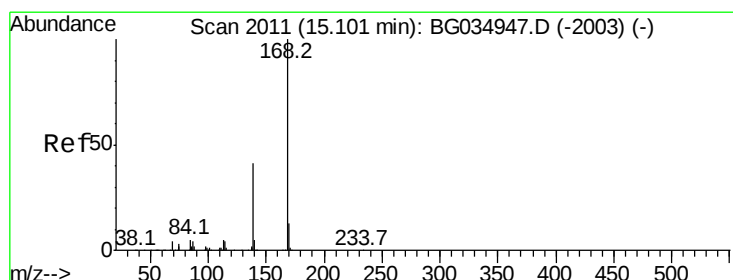
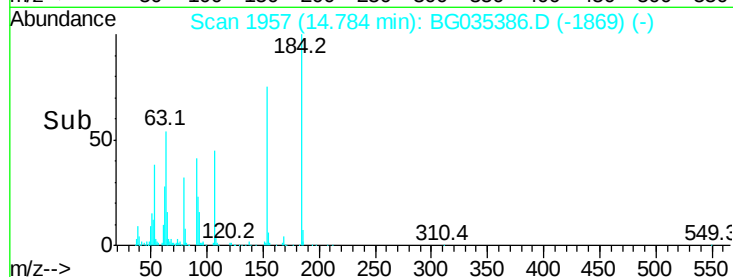
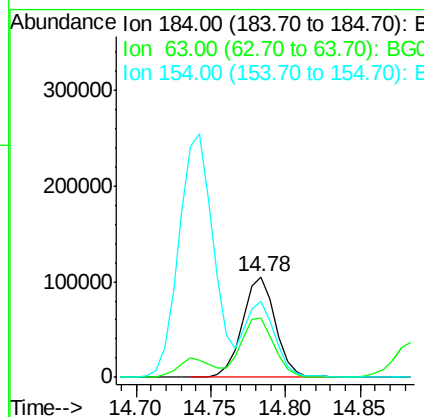
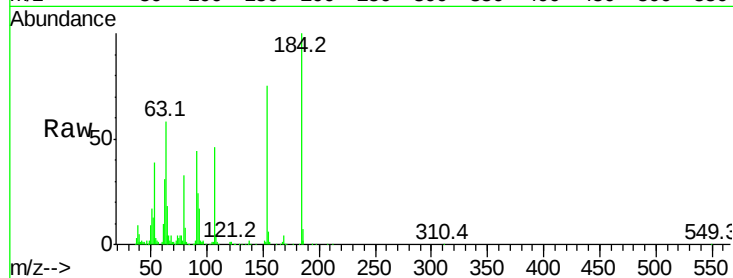
#53
 2,4-Dinitrophenol
 Concen: 162.231 ng
 RT: 14.78 min Scan# 1957
 Delta R.T. -0.01 min
 Lab File: BG035386.D
 Acq: 25 Jun 2018 20:09

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-062118MSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	58.3	59.8	89.8#
154	75.0	101.8	152.8#

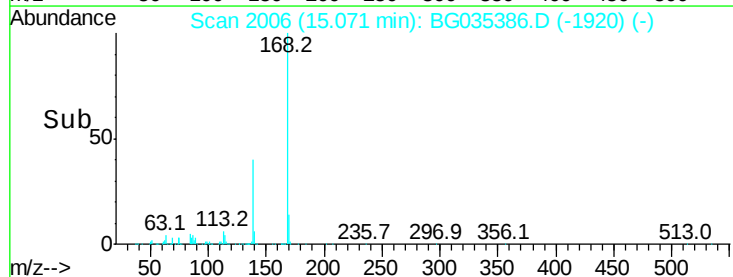
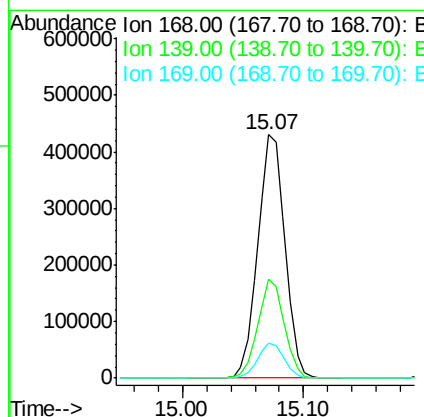
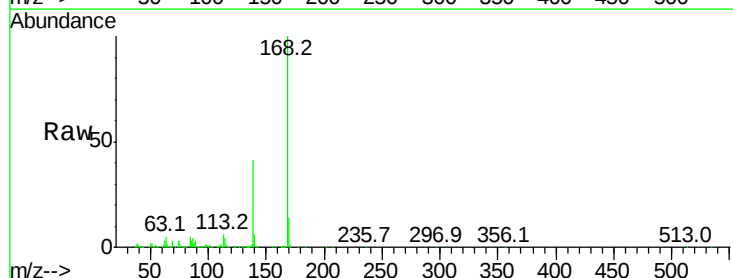
Manual Integrations
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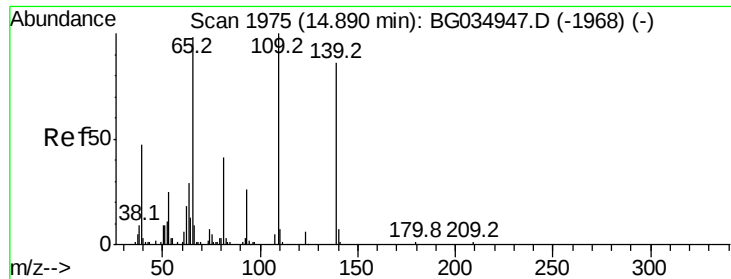
Sohil
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#54
 Dibenzofuran
 Concen: 43.563 ng
 RT: 15.07 min Scan# 2006
 Delta R.T. -0.02 min
 Lab File: BG035386.D
 Acq: 25 Jun 2018 20:09

Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.7	28.6	43.0
169	14.3	11.2	16.8





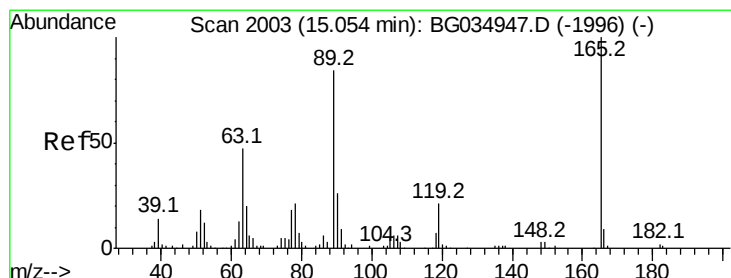
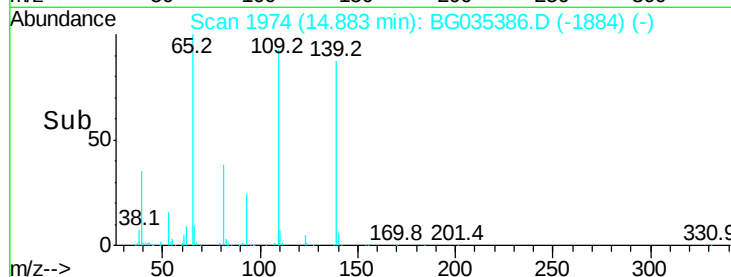
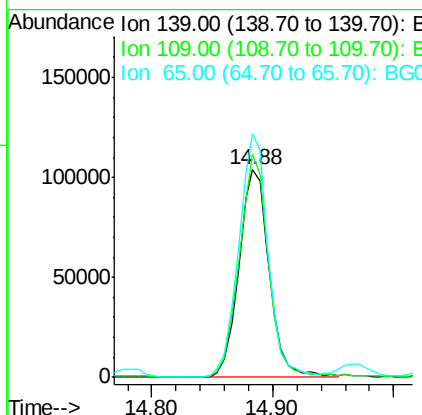
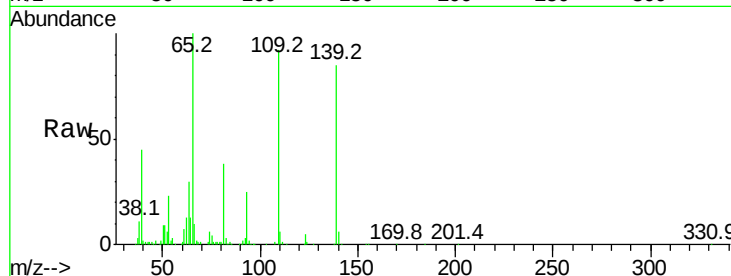
#55
4-Nitrophenol
Concen: 88.847 ng
RT: 14.88 min Scan# 1974
Delta R.T. -0.00 min
Lab File: BG035386.D
Acq: 25 Jun 2018 20:09

Instrument :
BNA_G
ClientSampleId :
TR-05-062118MSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	107.7	62.2	102.2#	
65	117.3	97.2	137.2	

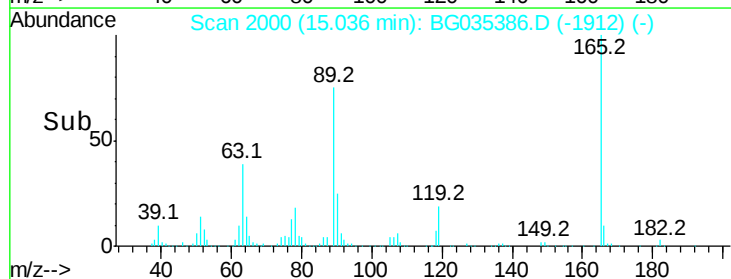
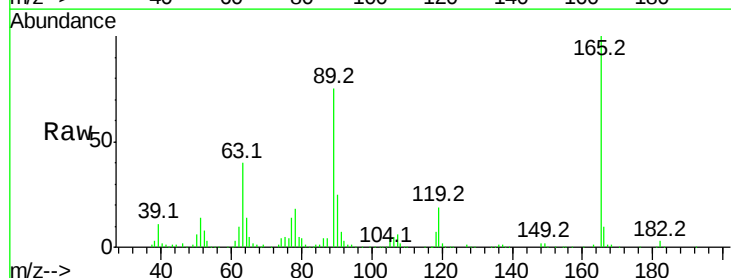
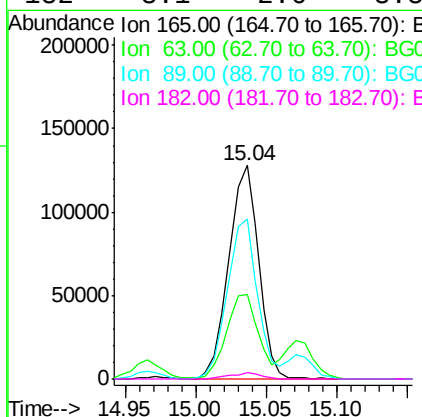
Manual Integrations
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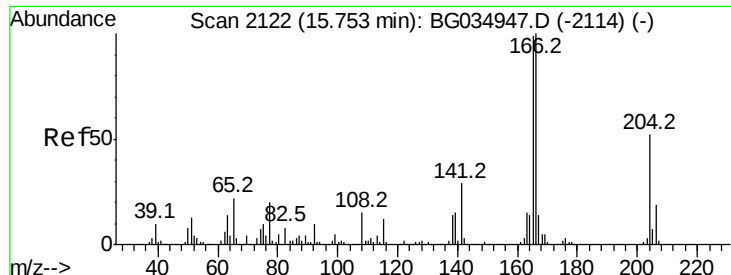
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#56
2,4-Dinitrotoluene
Concen: 57.868 ng
RT: 15.04 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BG035386.D
Acq: 25 Jun 2018 20:09

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	39.5	42.0	63.0#	
89	74.7	66.9	100.3	
182	3.1	2.6	3.8	





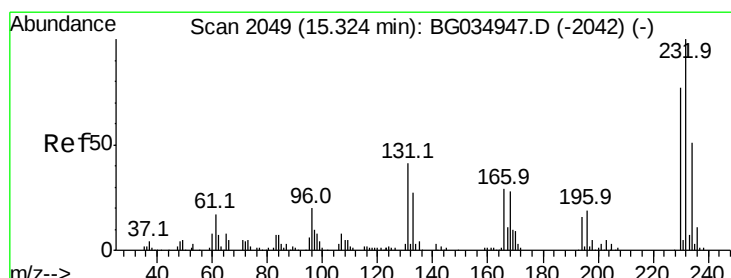
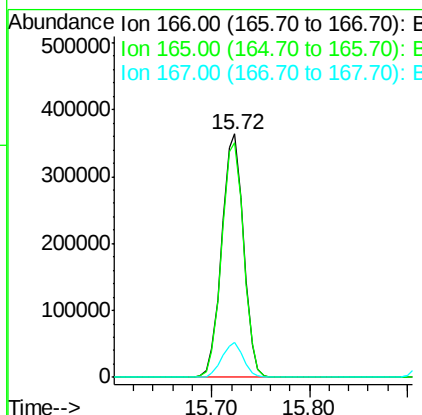
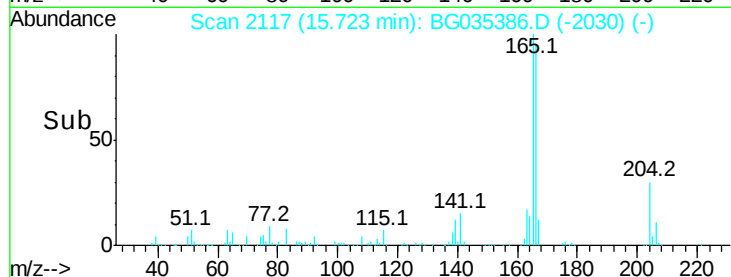
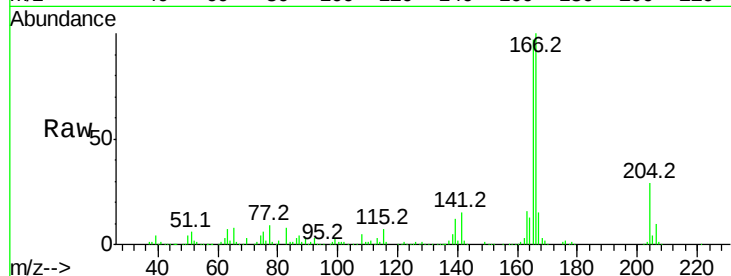
#57
 Fluorene
 Concen: 43.461 ng
 RT: 15.72 min Scan# 2117
 Delta R.T. -0.02 min
 Lab File: BG035386.D
 Acq: 25 Jun 2018 20:09

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-062118MSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	96.6	80.6	121.0	
167	14.6	10.4	15.6	

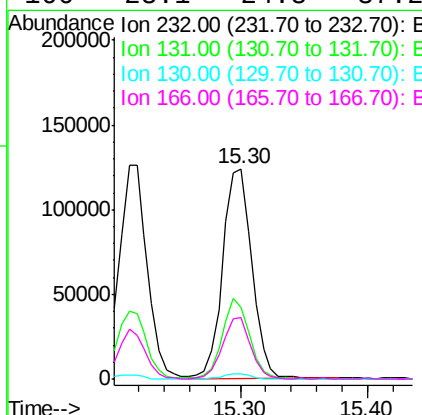
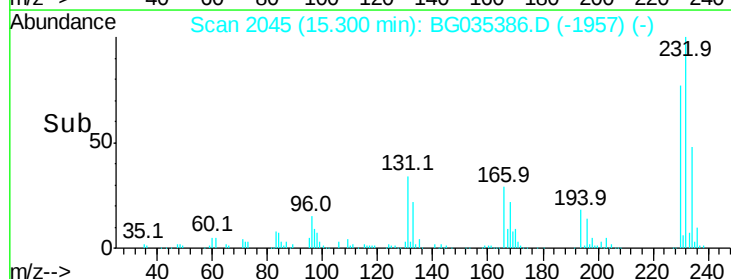
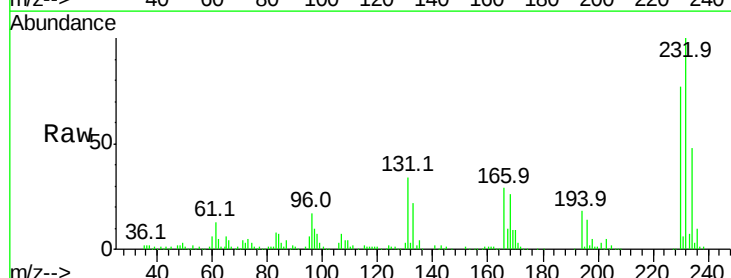
Manual Integrations
 APPROVED

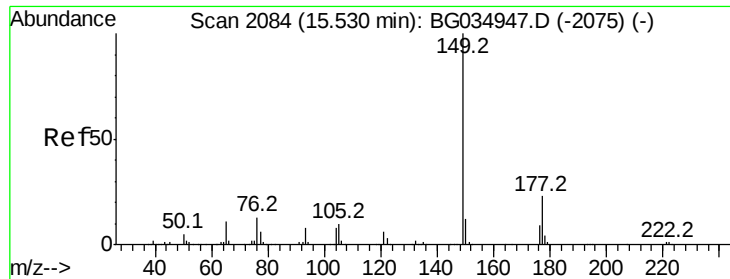
Sohil
 6/27/2018 10:48:24 AM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 53.435 ng
 RT: 15.30 min Scan# 2045
 Delta R.T. -0.01 min
 Lab File: BG035386.D
 Acq: 25 Jun 2018 20:09

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	35.4	33.5	50.3	
130	2.3	2.2	3.2	
166	28.1	24.8	37.2	





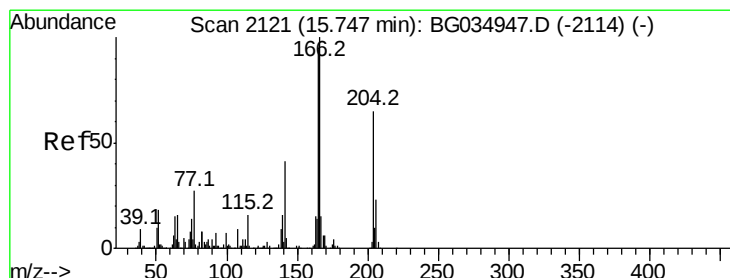
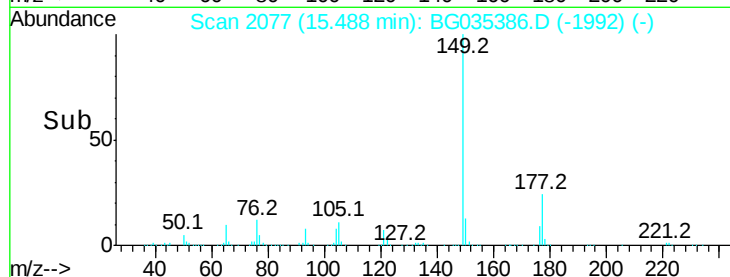
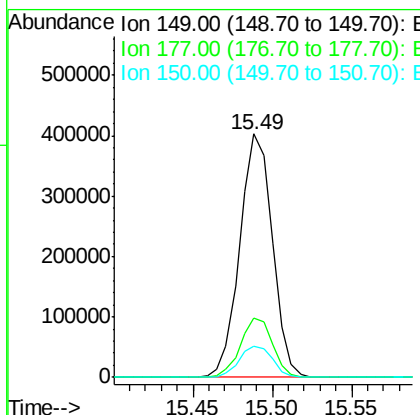
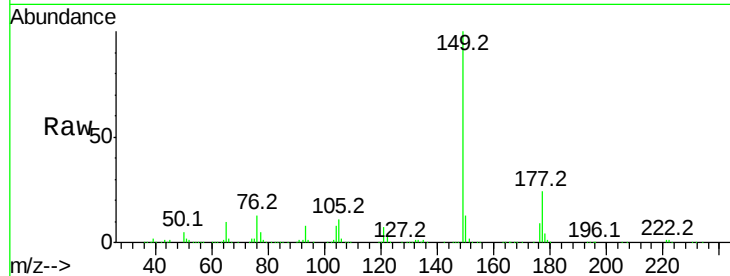
#59
Diethylphthalate
Concen: 41.720 ng
RT: 15.49 min Scan# 2077
Delta R.T. -0.03 min
Lab File: BG035386.D
Acq: 25 Jun 2018 20:09

Instrument :
BNA_G
ClientSampleId :
TR-05-062118MSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	24.2	18.5	27.7
150	12.9	10.2	15.2

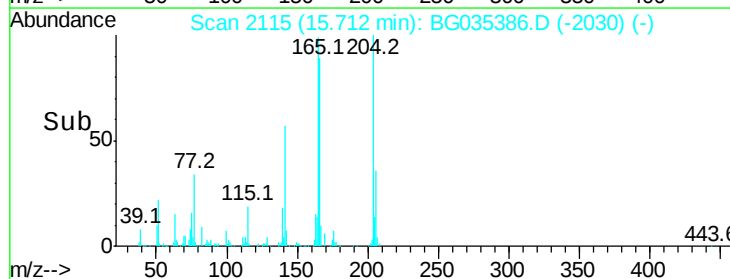
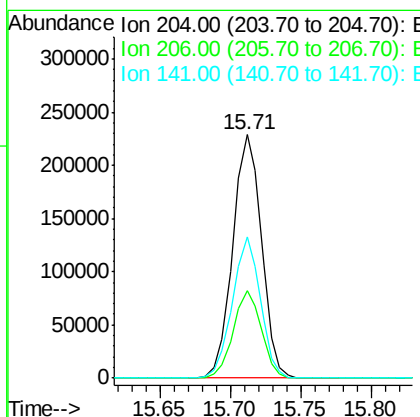
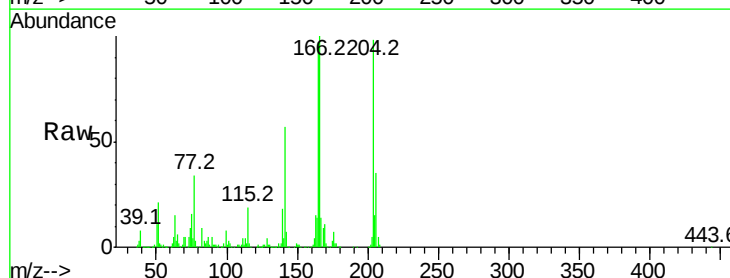
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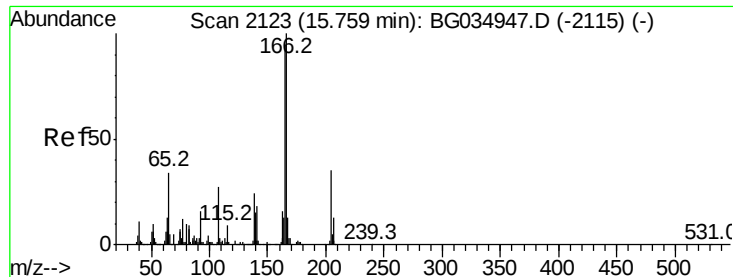
Sohil
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#60
4-Chlorophenyl-phenylether
Concen: 43.993 ng
RT: 15.71 min Scan# 2115
Delta R.T. -0.03 min
Lab File: BG035386.D
Acq: 25 Jun 2018 20:09

Tgt Ion	Ratio	Lower	Upper
204	100		
206	35.9	26.2	39.2
141	57.9	45.8	68.6





#61

4-Nitroaniline

Concen: 47.327 ng

RT: 15.74 min Scan# 2120

Delta R.T. -0.02 min

Lab File: BG035386.D

Acq: 25 Jun 2018 20:09

Instrument :

BNA_G

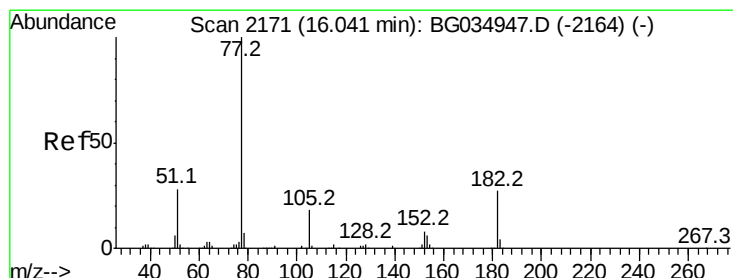
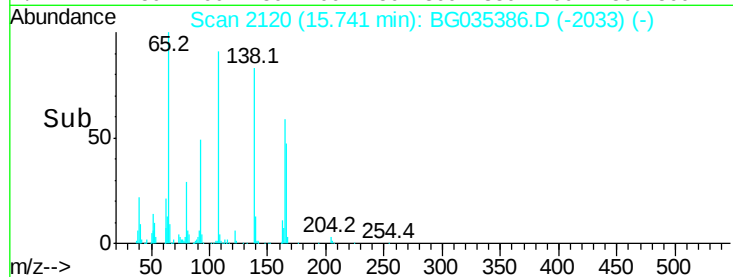
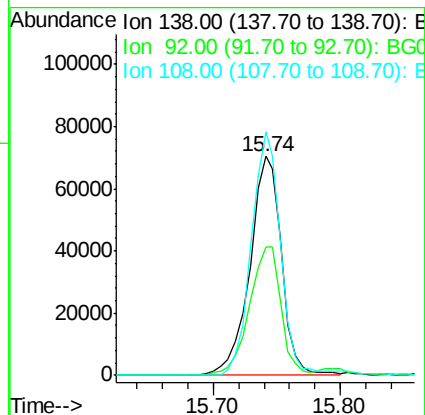
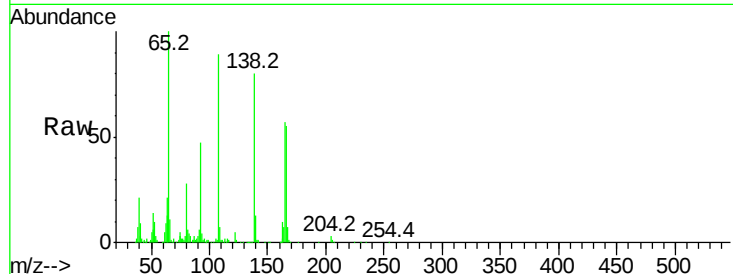
ClientSampleId :

TR-05-062118MSD

Tot Ion:	138	Resp:	122597
Ion Ratio	Lower	Upper	
138	100		
92	58.9	40.1	80.1
108	111.2	65.4	105.4#

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#62

Azobenzene

Concen: 41.379 ng

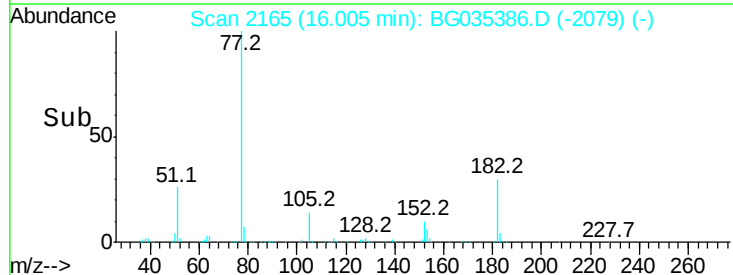
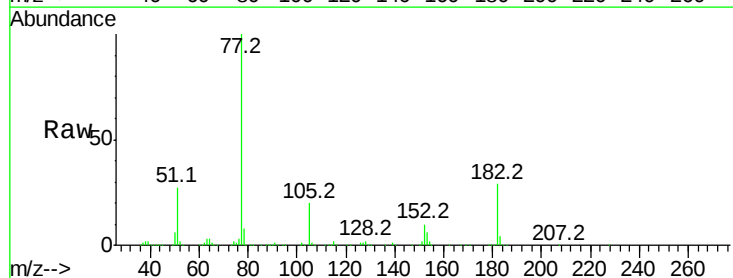
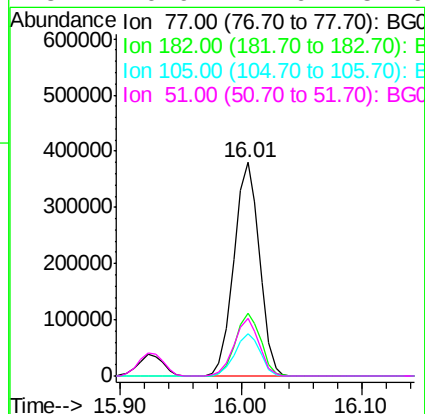
RT: 16.01 min Scan# 2165

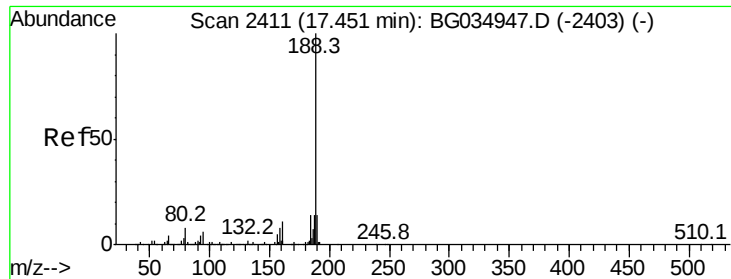
Delta R.T. -0.02 min

Lab File: BG035386.D

Acq: 25 Jun 2018 20:09

Tgt Ion:	77	Resp:	558204
Ion Ratio	Lower	Upper	
77	100		
182	29.2	7.4	47.4
105	19.6	0.3	40.3
51	26.9	11.6	51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2406

Delta R.T. -0.02 min

Lab File: BG035386.D

Acq: 25 Jun 2018 20:09

Instrument :

BNA_G

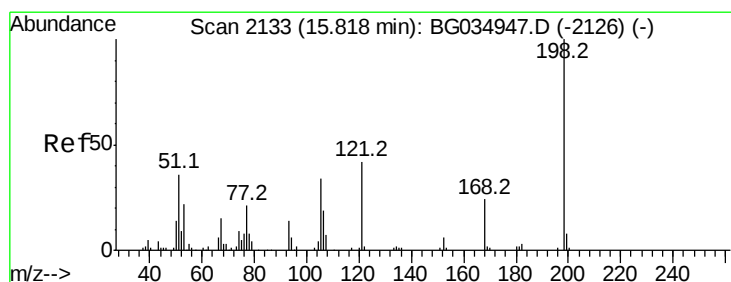
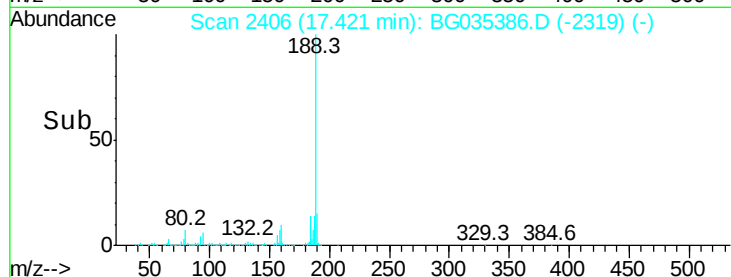
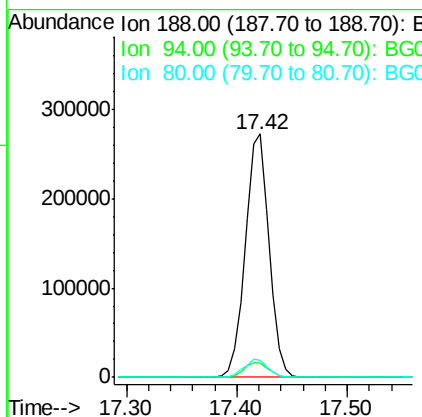
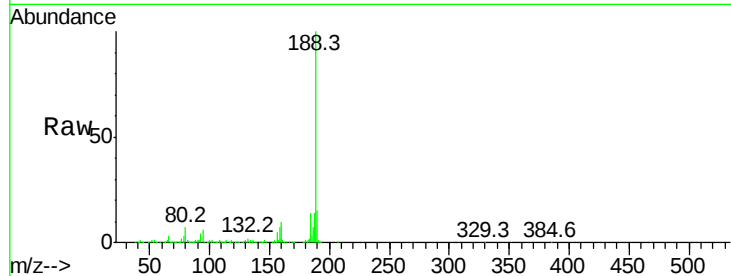
ClientSampleId :

TR-05-062118MSD

Tot Ion:188	Resp:	411164
Ion Ratio	Lower	Upper
188 100		
94 5.7	6.9	10.3#
80 6.9	7.7	11.5#

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#64

4,6-Dinitro-2-methylphenol

Concen: 59.558 ng

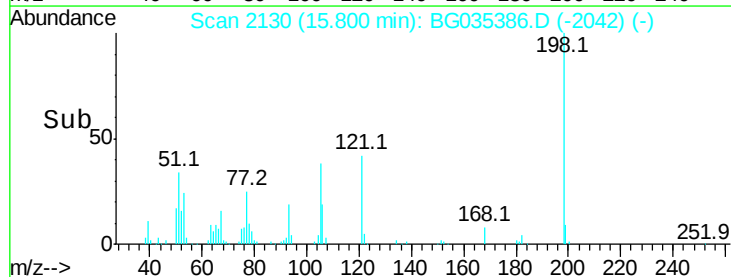
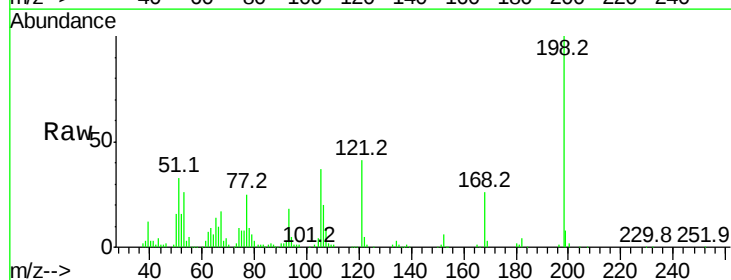
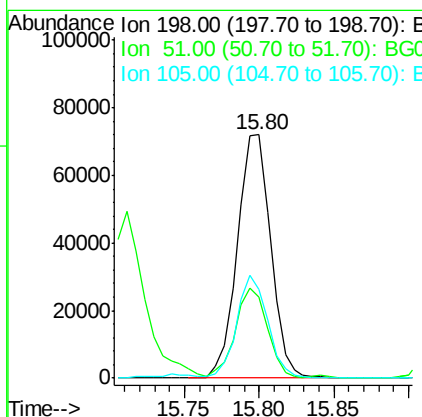
RT: 15.80 min Scan# 2130

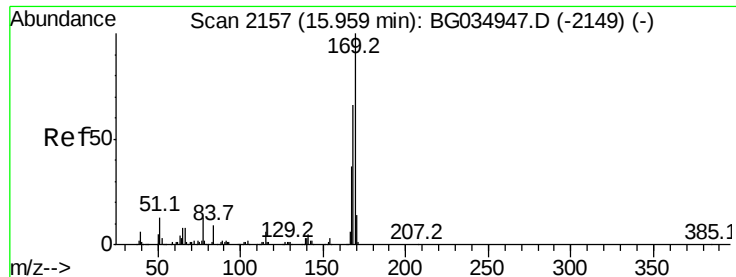
Delta R.T. -0.01 min

Lab File: BG035386.D

Acq: 25 Jun 2018 20:09

Tgt Ion:198	Resp:	111805
Ion Ratio	Lower	Upper
198 100		
51 33.3	30.6	70.6
105 36.7	23.8	63.8





#65

n-Nitrosodiphenylamine

Concen: 40.657 ng

RT: 15.93 min Scan# 2152

Delta R.T. -0.02 min

Lab File: BG035386.D

Acq: 25 Jun 2018 20:09

Instrument :

BNA_G

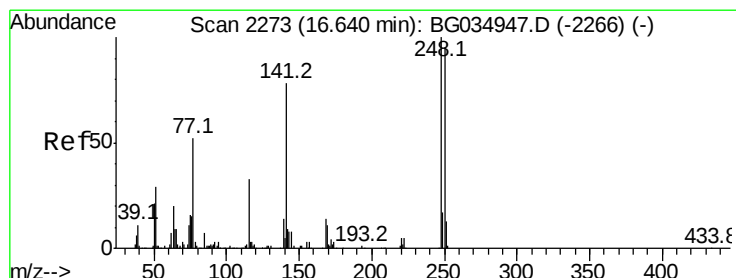
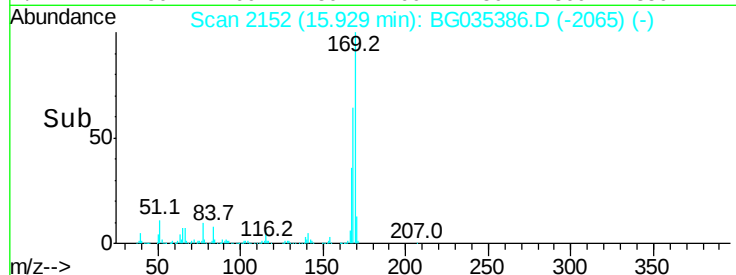
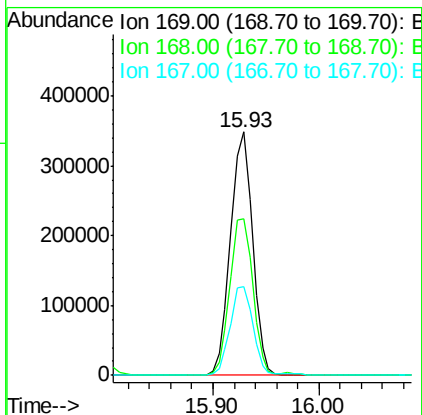
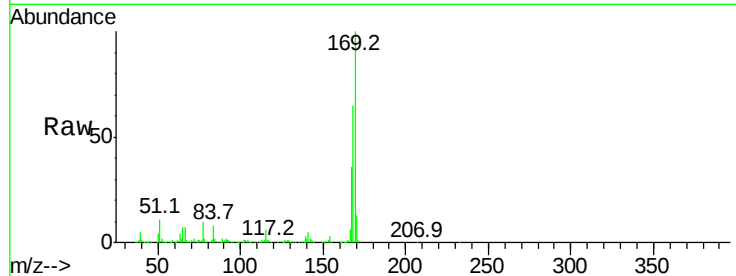
ClientSampleId :

TR-05-062118MSD

Tot Ion:	169	Resp:	502017
Ion Ratio	Lower	Upper	
169	100		
168	64.6	55.7	83.5
167	36.3	30.1	45.1

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#66

4-Bromophenyl-phenylether

Concen: 46.215 ng

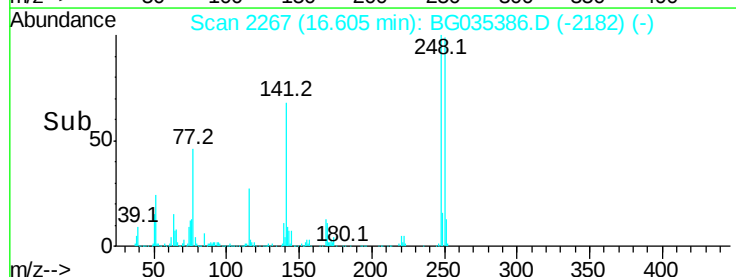
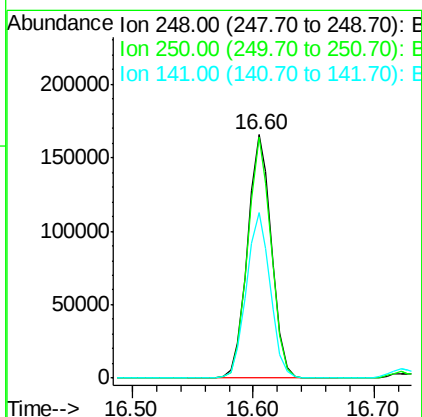
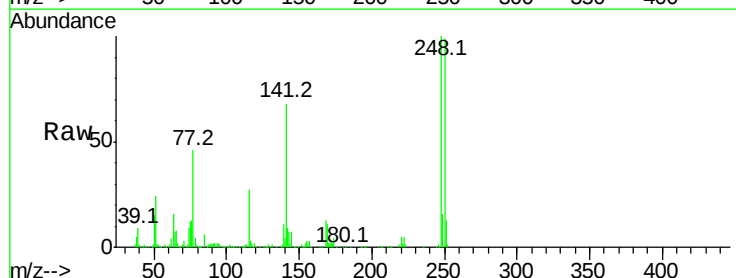
RT: 16.60 min Scan# 2267

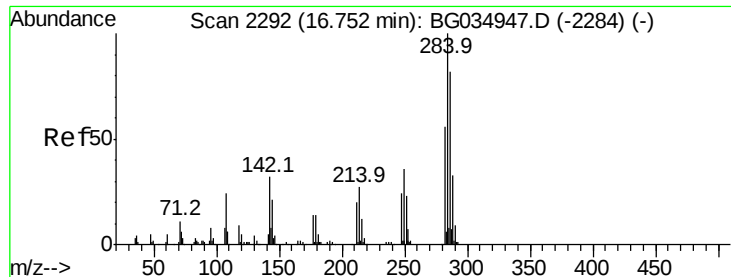
Delta R.T. -0.03 min

Lab File: BG035386.D

Acq: 25 Jun 2018 20:09

Tgt Ion:	248	Resp:	228828
Ion Ratio	Lower	Upper	
248	100		
250	98.9	77.1	115.7
141	68.0	50.8	76.2





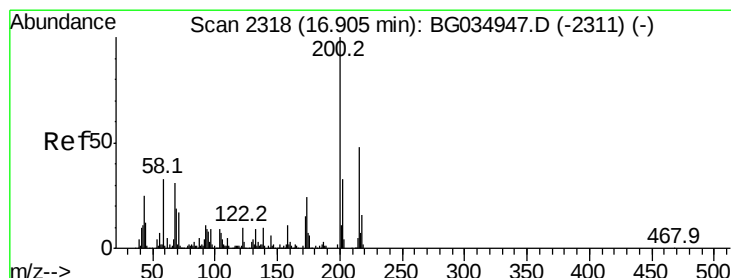
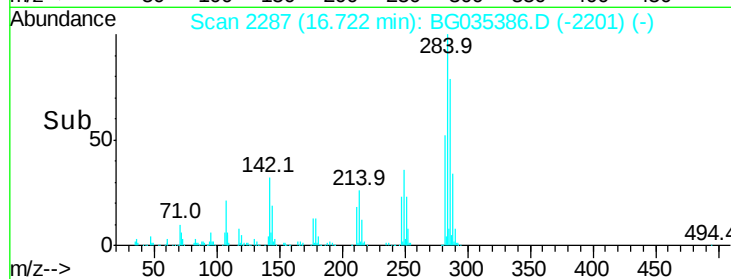
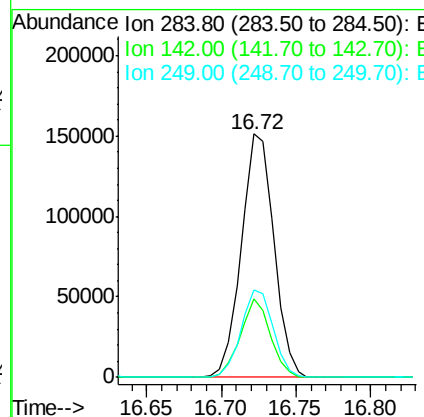
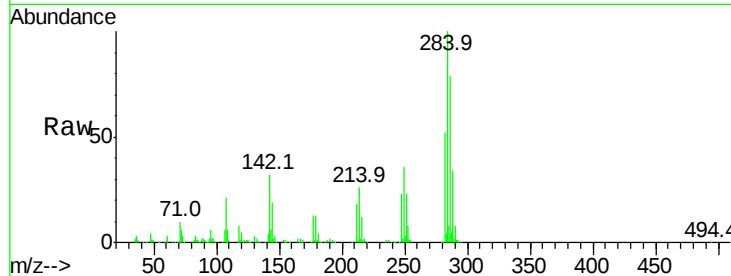
#67
Hexachlorobenzene
Concen: 45.276 ng
RT: 16.72 min Scan# 2287
Delta R.T. -0.02 min
Lab File: BG035386.D
Acq: 25 Jun 2018 20:09

Instrument :
BNA_G
ClientSampleId :
TR-05-062118MSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	32.4	26.8	40.2	
249	36.0	26.3	39.5	

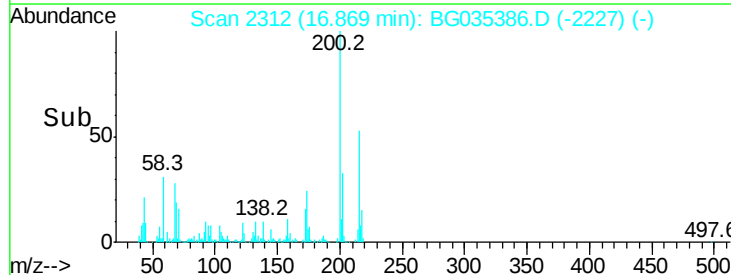
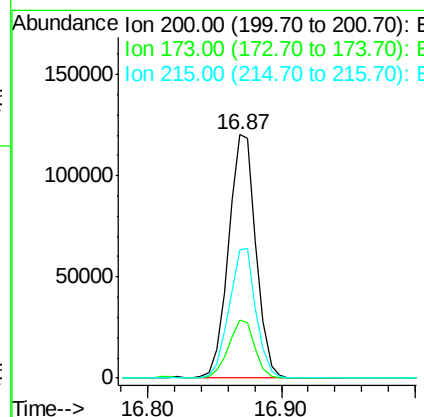
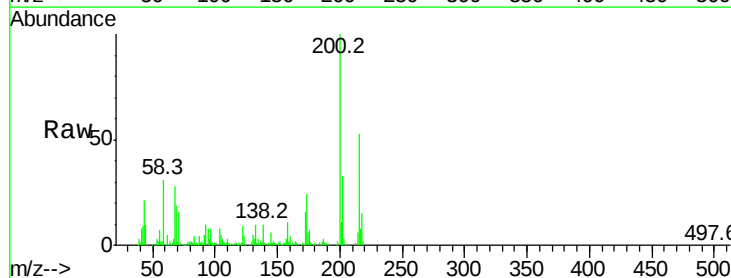
Manual Integrations
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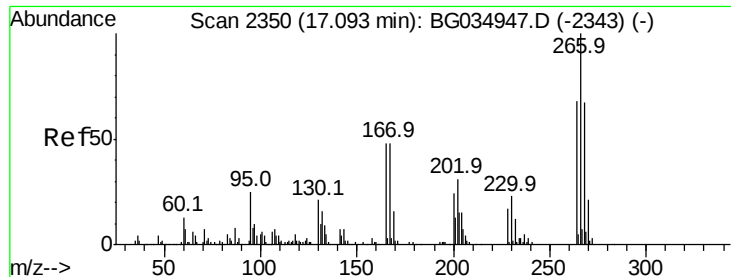
Sohil
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#68
Atrazine
Concen: 32.878 ng
RT: 16.87 min Scan# 2312
Delta R.T. -0.03 min
Lab File: BG035386.D
Acq: 25 Jun 2018 20:09

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	23.7	5.2	45.2	
215	52.5	30.4	70.4	





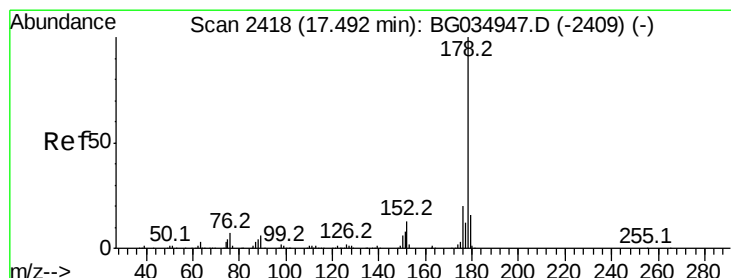
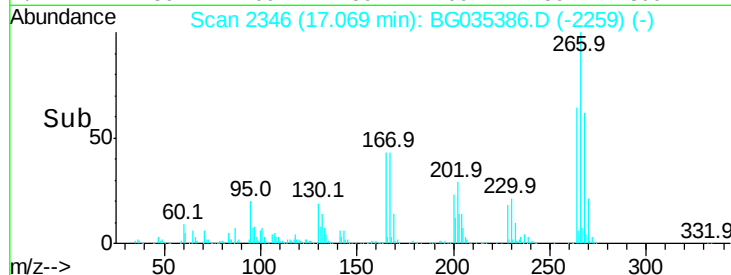
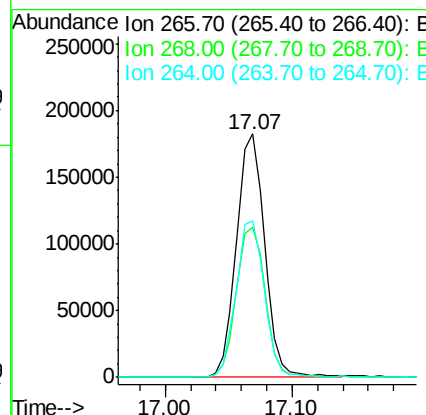
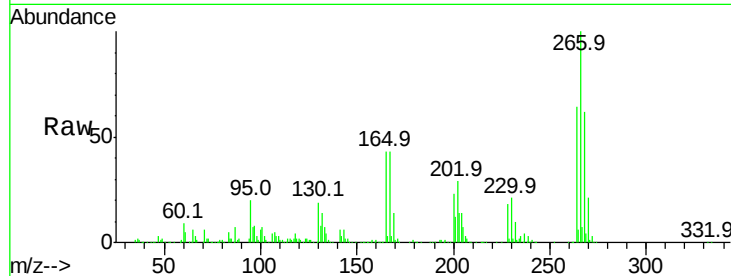
#69
 Pentachlorophenol
 Concen: 82.758 ng
 RT: 17.07 min Scan# 2346
 Delta R.T. -0.02 min
 Lab File: BG035386.D
 Acq: 25 Jun 2018 20:09

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-062118MSD

Tot Ion	Ratio	Resp Lower	Upper
266	100		
268	61.9	51.1	76.7
264	64.2	49.6	74.4

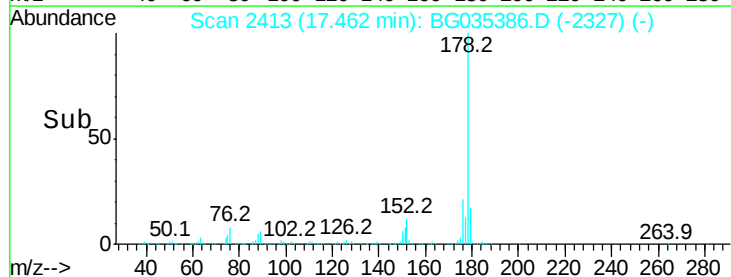
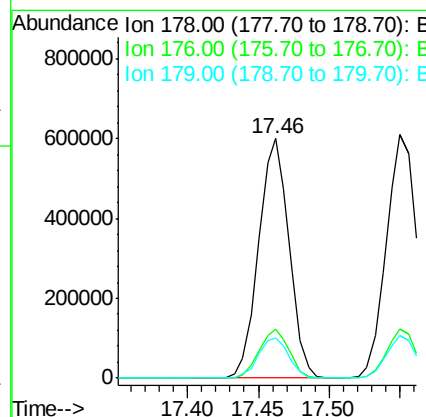
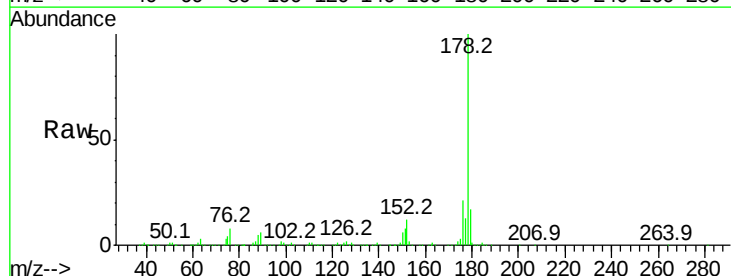
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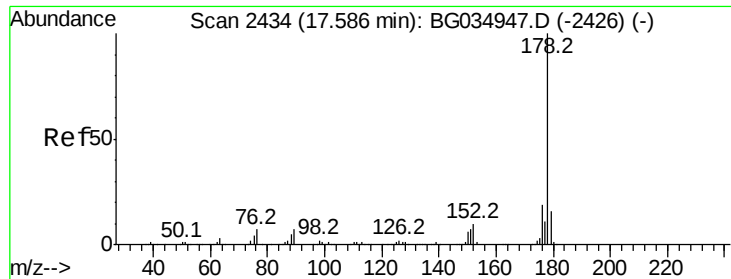
Sohil
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#70
 Phenanthrene
 Concen: 43.539 ng
 RT: 17.46 min Scan# 2413
 Delta R.T. -0.02 min
 Lab File: BG035386.D
 Acq: 25 Jun 2018 20:09

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	20.5	15.7	23.5
179	17.0	12.5	18.7





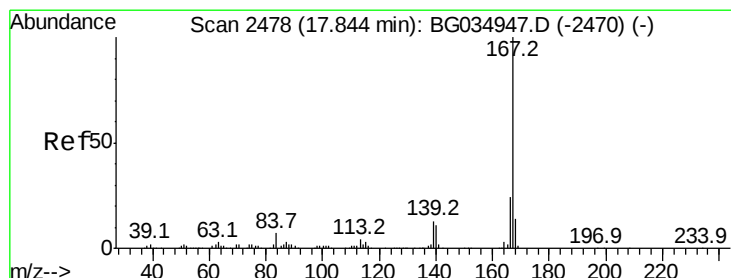
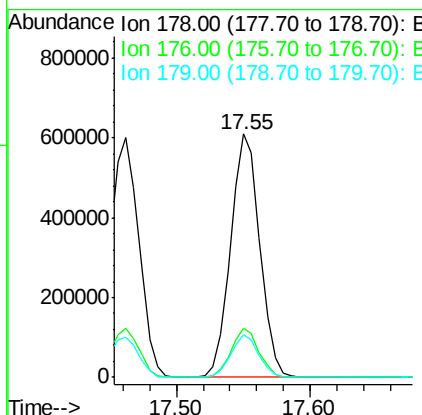
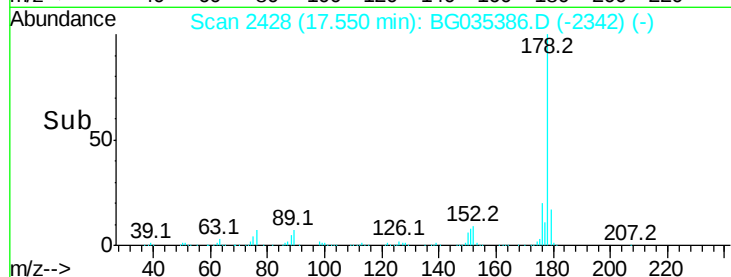
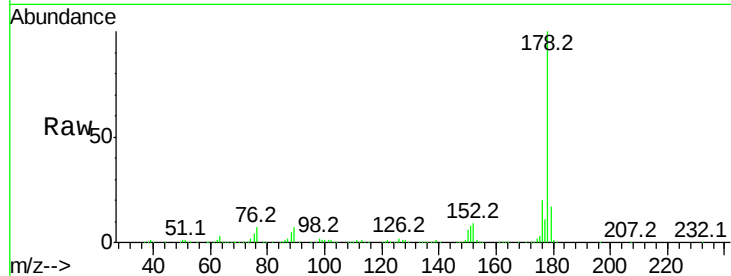
#71
 Anthracene
 Concen: 44.168 ng
 RT: 17.55 min Scan# 2428
 Delta R.T. -0.02 min
 Lab File: BG035386.D
 Acq: 25 Jun 2018 20:09

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-062118MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.4	16.0	24.0
179	17.3	12.5	18.7

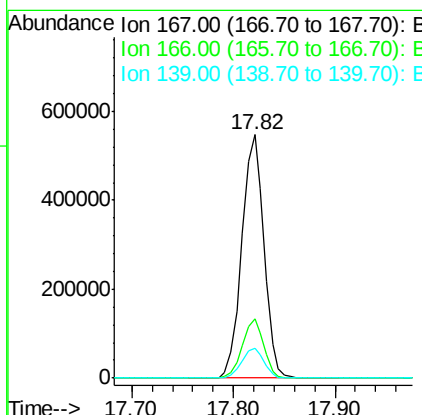
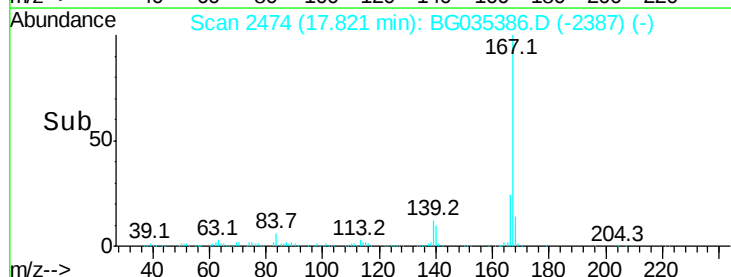
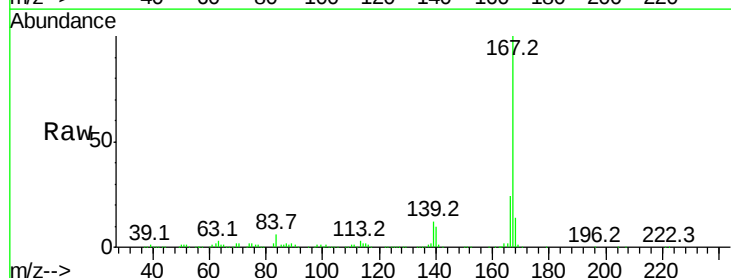
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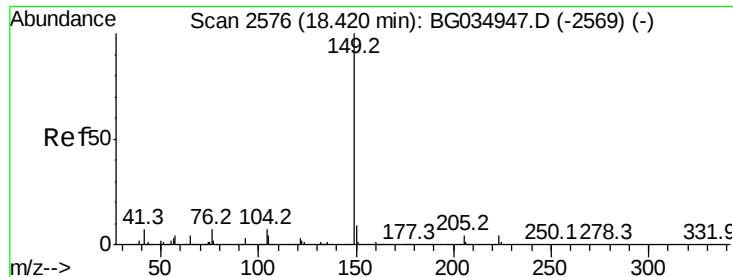
Sohil
 6/27/2018 10:48:24 AM



#72
 Carbazole
 Concen: 42.563 ng
 RT: 17.82 min Scan# 2474
 Delta R.T. -0.02 min
 Lab File: BG035386.D
 Acq: 25 Jun 2018 20:09

Tgt Ion	Ratio	Lower	Upper
167	100		
166	24.3	18.2	27.4
139	12.3	9.4	14.2





#73

Di-n-butylphthalate

Concen: 41.658 ng

RT: 18.37 min Scan# 2568

Delta R.T. -0.04 min

Lab File: BG035386.D

Acq: 25 Jun 2018 20:09

Instrument :

BNA_G

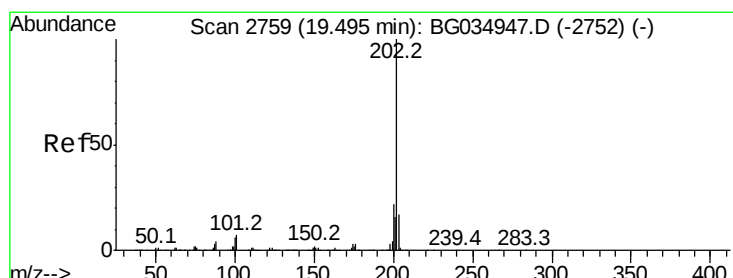
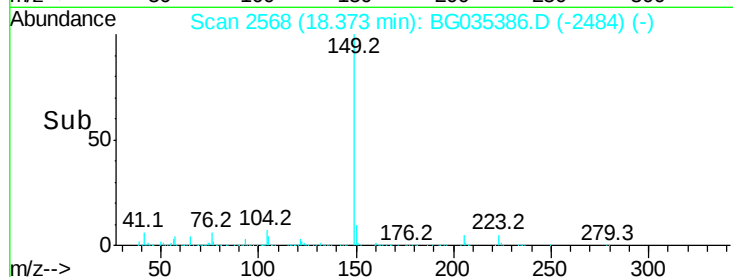
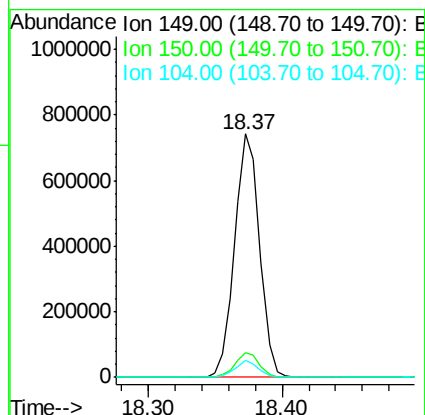
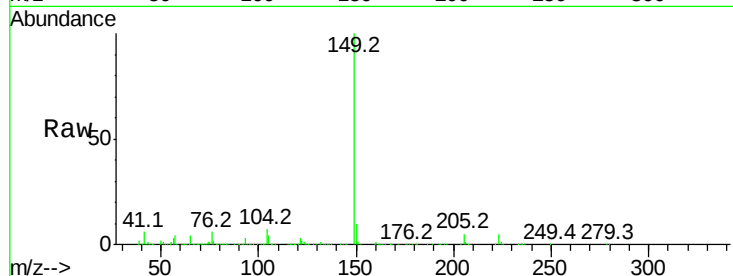
ClientSampleId :

TR-05-062118MSD

Tot Ion:	149	Resp:	963840
Ion Ratio	Lower	Upper	
149	100		
150	10.0	7.8	11.6
104	6.9	3.9	5.9#

Manual Integrations
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#74

Fluoranthene

Concen: 43.513 ng

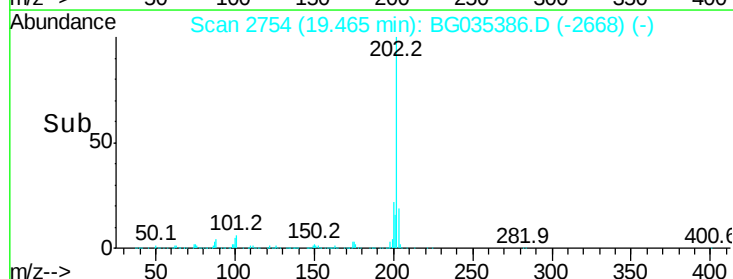
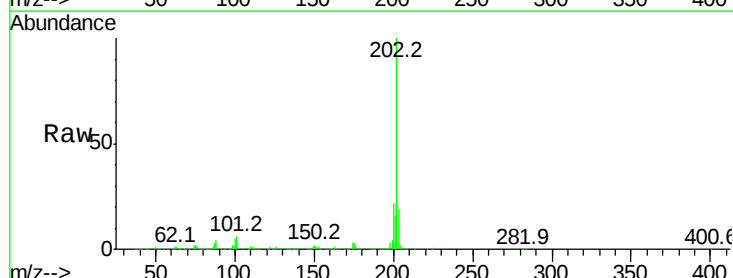
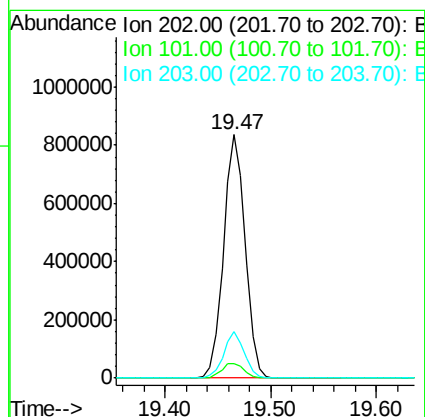
RT: 19.47 min Scan# 2754

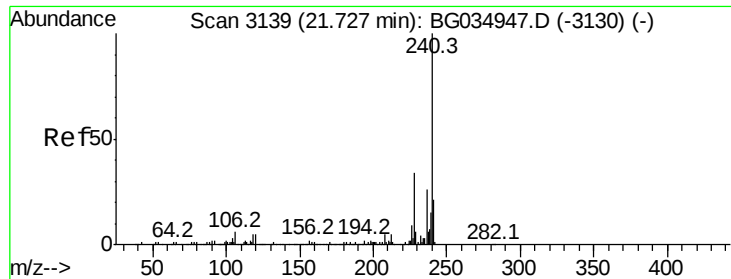
Delta R.T. -0.02 min

Lab File: BG035386.D

Acq: 25 Jun 2018 20:09

Tgt Ion:	202	Resp:	1182630
Ion Ratio	Lower	Upper	
202	100		
101	5.8	0.0	28.9
203	19.1	0.0	37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3132

Delta R.T. -0.03 min

Lab File: BG035386.D

Acq: 25 Jun 2018 20:09

Instrument :

BNA_G

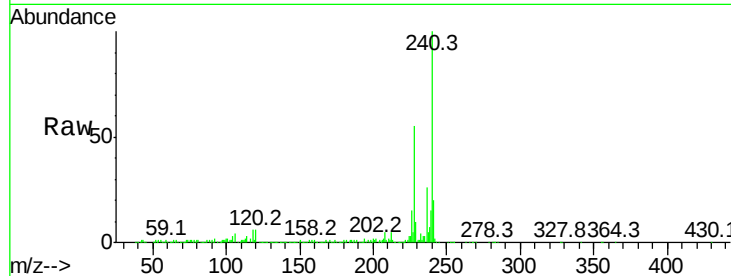
ClientSampleId :

TR-05-062118MSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	6.0	6.8	10.2#
236	25.6	20.9	31.3

Manual Integrations
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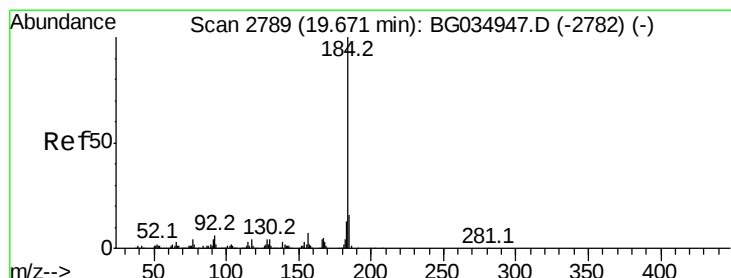
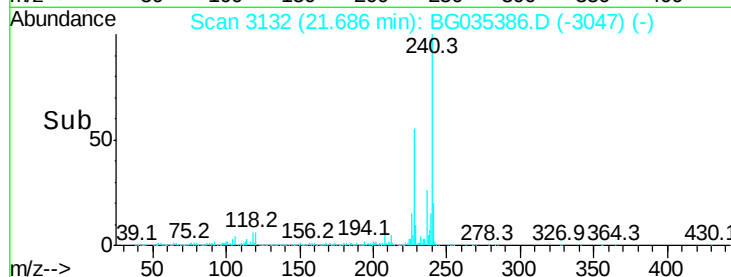
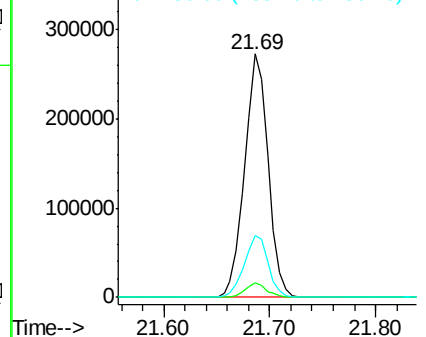
Sohil
6/27/2018 10:48:24 AM



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 3.288 ng m

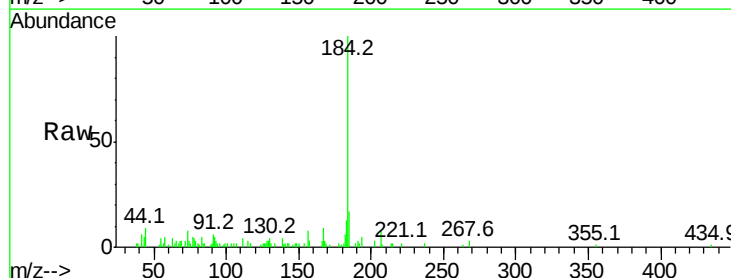
RT: 19.67 min Scan# 2789

Delta R.T. 0.00 min

Lab File: BG035386.D

Acq: 25 Jun 2018 20:09

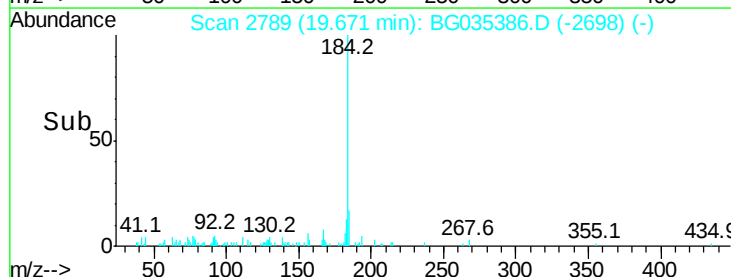
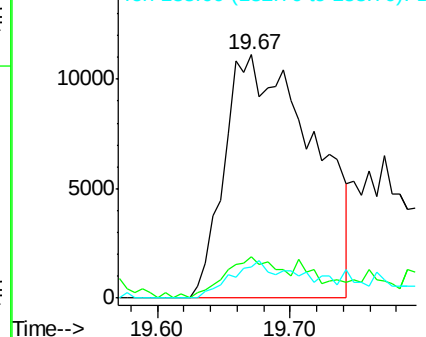
Tgt Ion	Ratio	Lower	Upper
184	100		
185	17.2	11.1	16.7#
183	12.7	10.6	16.0

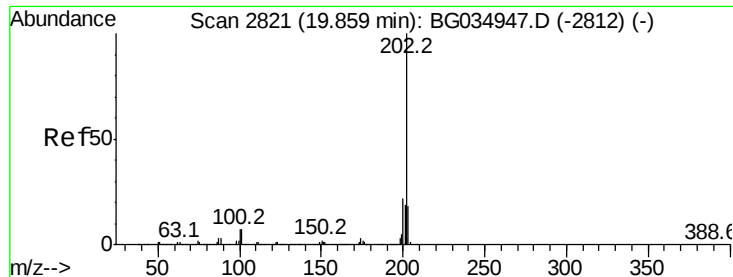


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





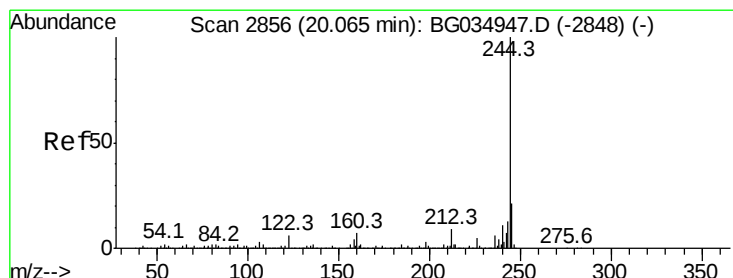
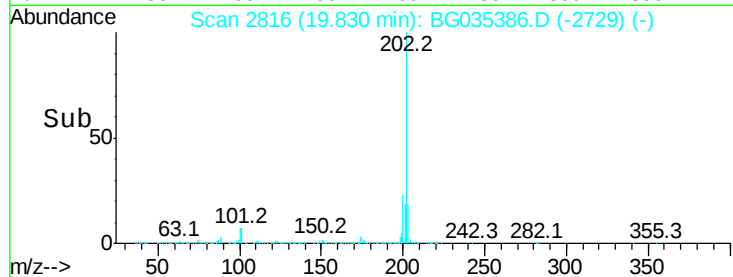
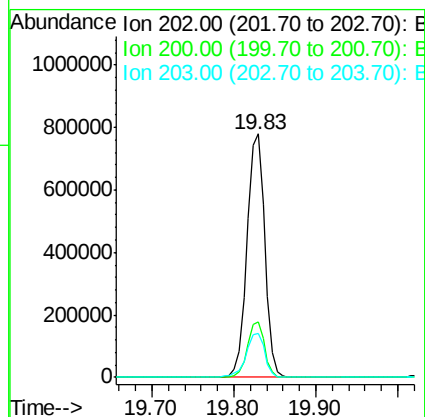
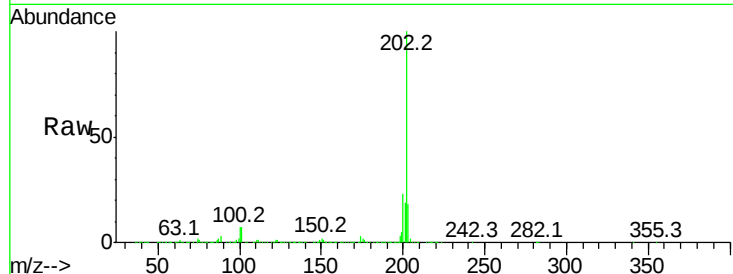
#77
Pvrene
Concen: 42.751 ng
RT: 19.83 min Scan# 2816
Delta R.T. -0.02 min
Lab File: BG035386.D
Acq: 25 Jun 2018 20:09

Instrument :
BNA_G
ClientSampleId :
TR-05-062118MSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.7	16.9	25.3
203	18.0	13.9	20.9

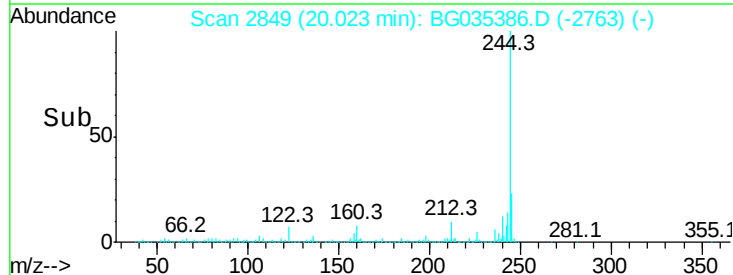
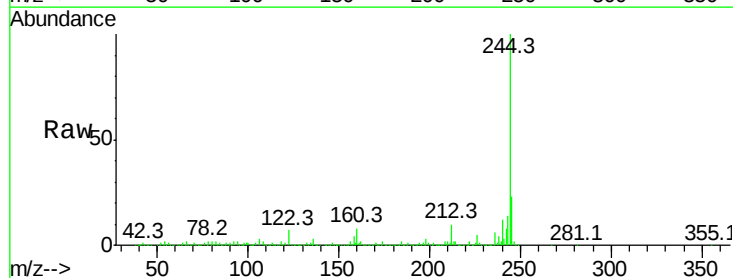
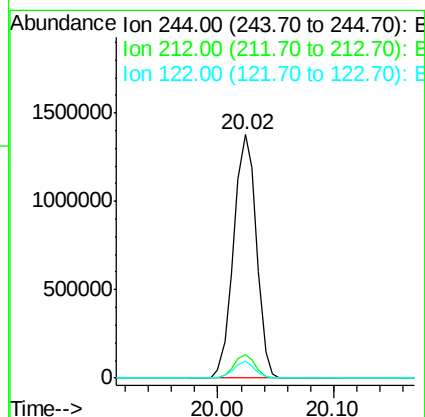
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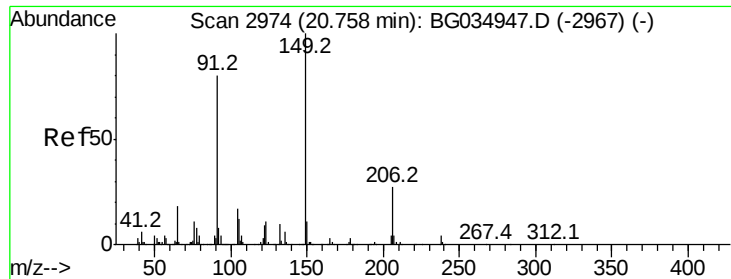
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#78
Terphenyl-d14
Concen: 94.193 ng
RT: 20.02 min Scan# 2849
Delta R.T. -0.02 min
Lab File: BG035386.D
Acq: 25 Jun 2018 20:09

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.6	5.8	8.8#
122	7.1	7.0	10.4





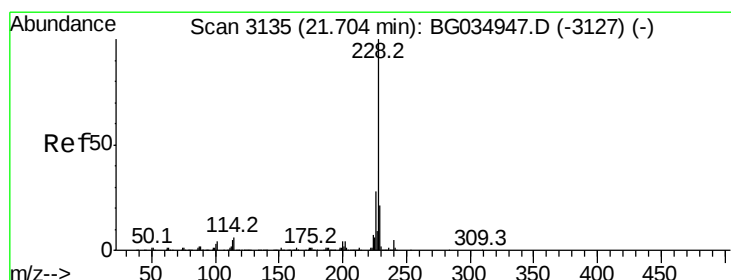
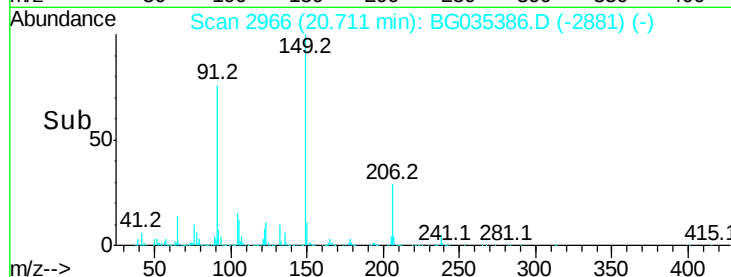
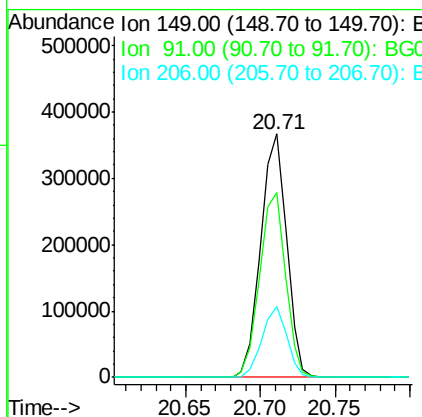
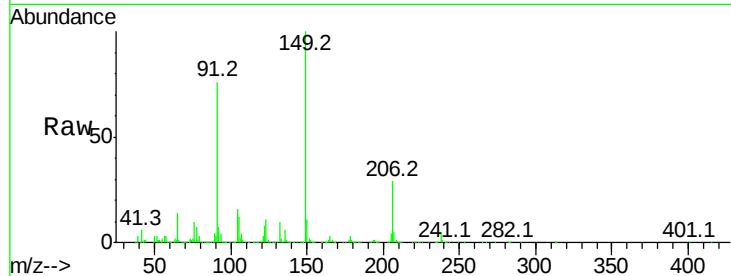
#79
Butylbenzylphthalate
Concen: 43.636 ng
RT: 20.71 min Scan# 2966
Delta R.T. -0.03 min
Lab File: BG035386.D
Acq: 25 Jun 2018 20:09

Instrument :
BNA_G
ClientSampleId :
TR-05-062118MSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	75.8	62.2	93.2
206	29.1	18.6	27.8

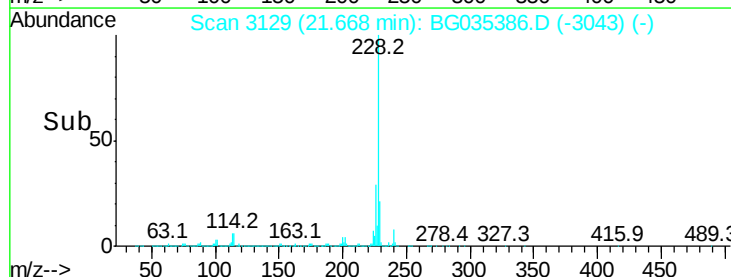
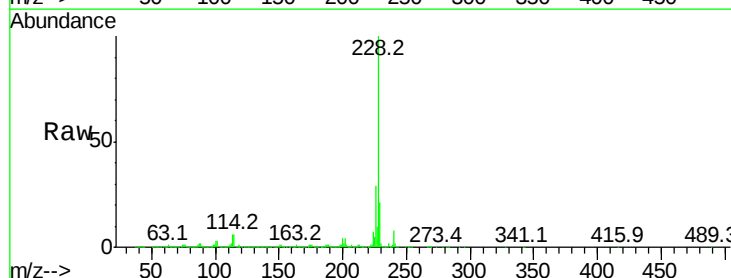
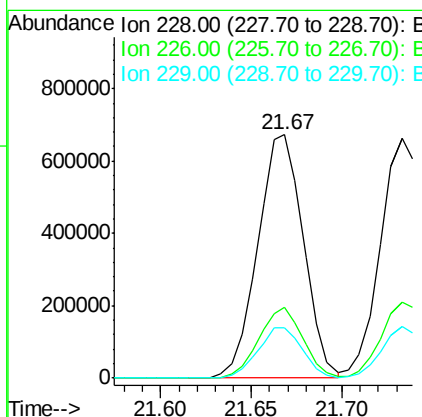
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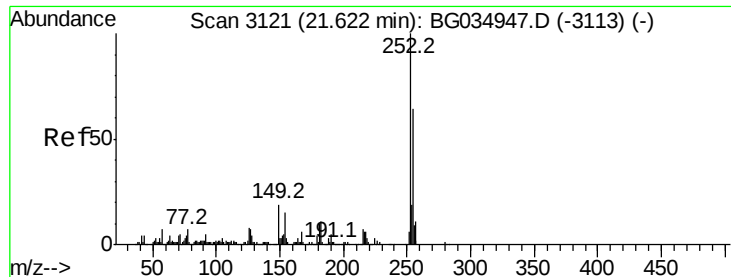
Sohil
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#80
Benzo(a)anthracene
Concen: 44.247 ng
RT: 21.67 min Scan# 3129
Delta R.T. -0.02 min
Lab File: BG035386.D
Acq: 25 Jun 2018 20:09

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.7	34.1
229	20.9	16.2	24.2





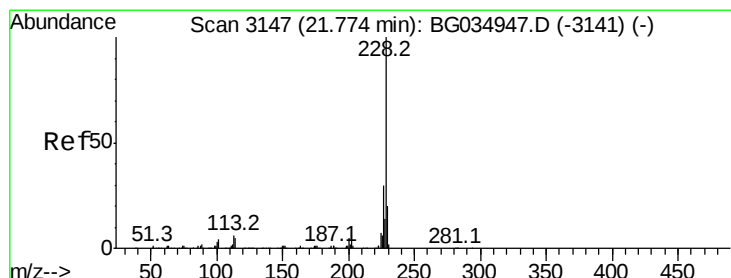
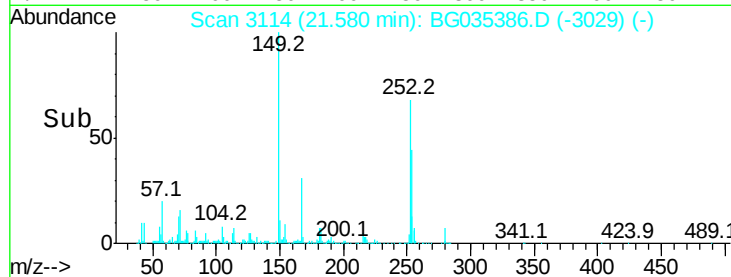
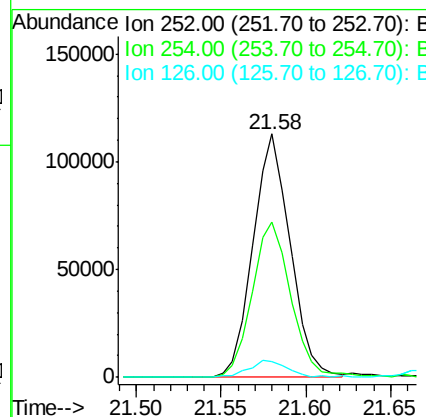
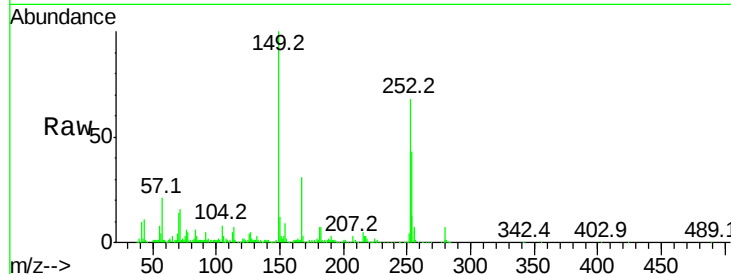
#81
 3,3'-Dichlorobenzidine
 Concen: 17.255 ng
 RT: 21.58 min Scan# 3114
 Delta R.T. -0.03 min
 Lab File: BG035386.D
 Acq: 25 Jun 2018 20:09

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-062118MSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.8	50.8	76.2
126	6.6	7.4	11.2#

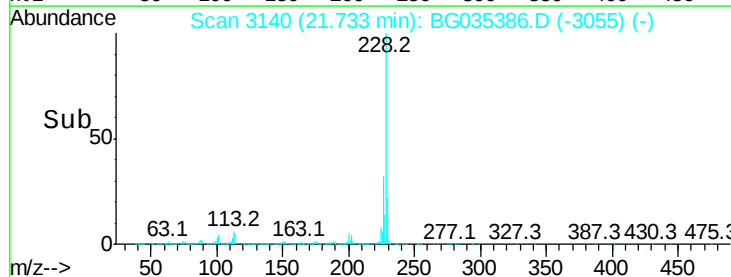
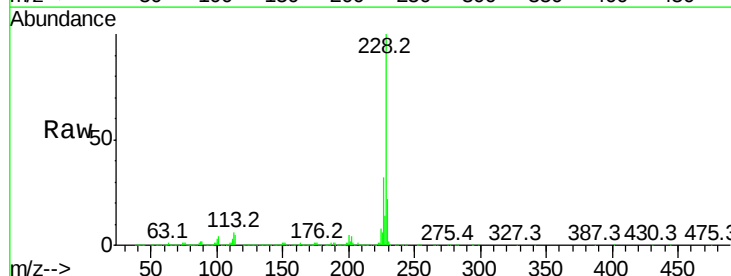
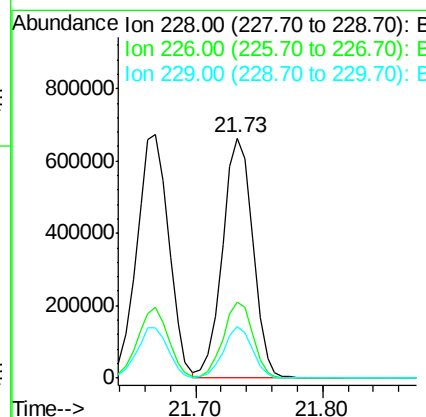
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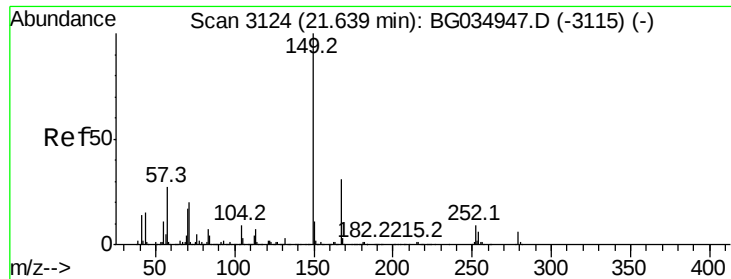
Sohil
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#82
 Chrysene
 Concen: 44.870 ng
 RT: 21.73 min Scan# 3140
 Delta R.T. -0.03 min
 Lab File: BG035386.D
 Acq: 25 Jun 2018 20:09

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.7	24.9	37.3
229	21.6	15.0	22.4





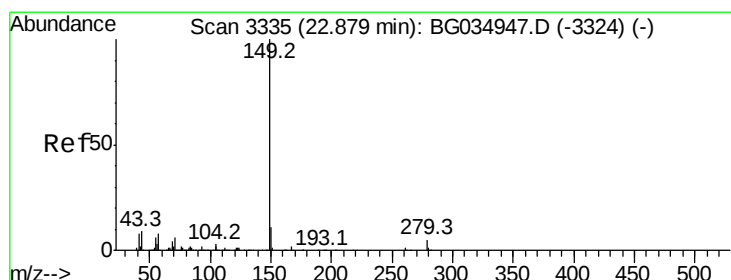
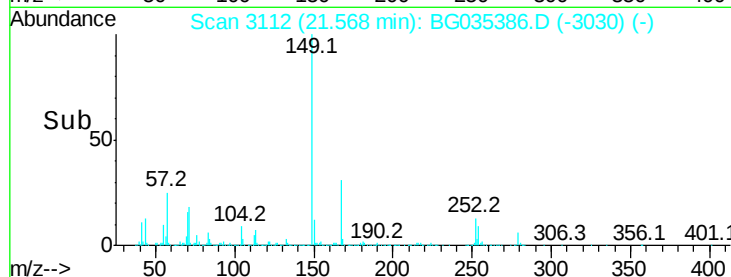
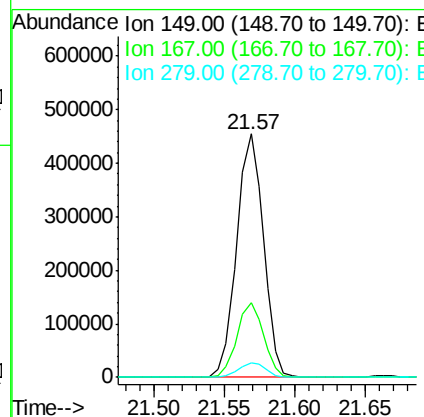
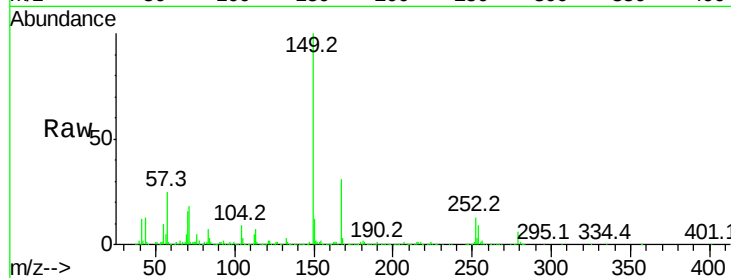
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.483 ng
 RT: 21.57 min Scan# 3112
 Delta R.T. -0.05 min
 Lab File: BG035386.D
 Acq: 25 Jun 2018 20:09

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-062118MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	30.5	24.3	36.5
279	5.9	4.0	6.0

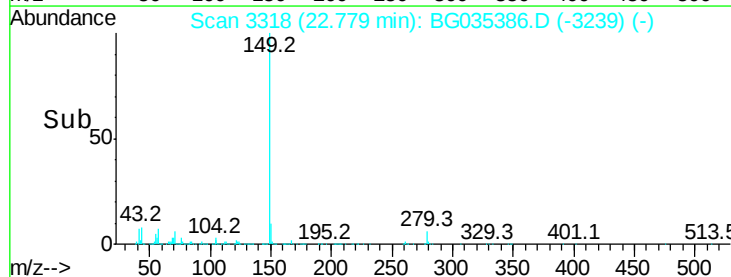
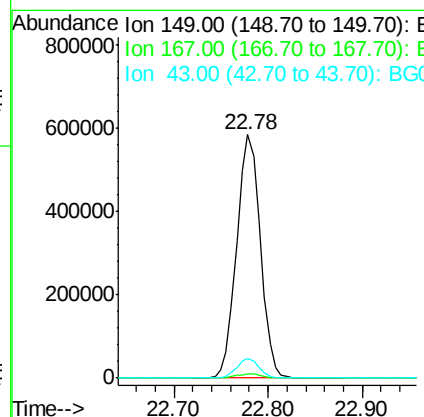
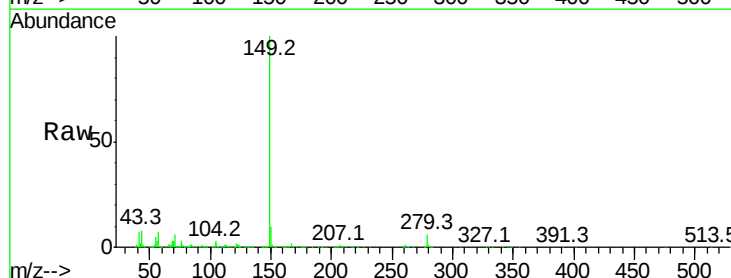
Manual Integrations
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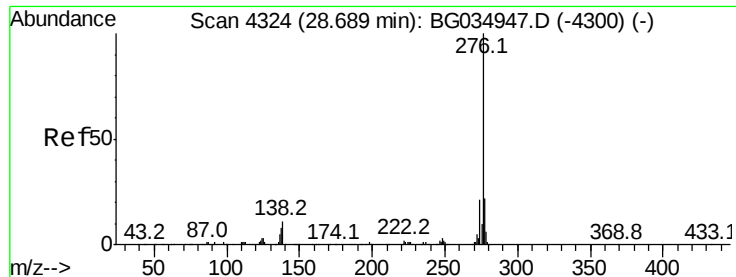
Sohil
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#84
 Di-n-octyl phthalate
 Concen: 41.997 ng
 RT: 22.78 min Scan# 3318
 Delta R.T. -0.07 min
 Lab File: BG035386.D
 Acq: 25 Jun 2018 20:09

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	7.8	8.9	13.3#





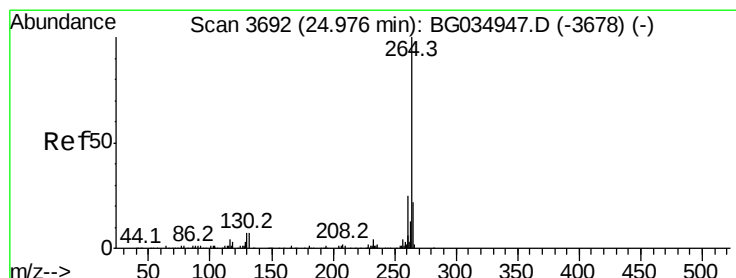
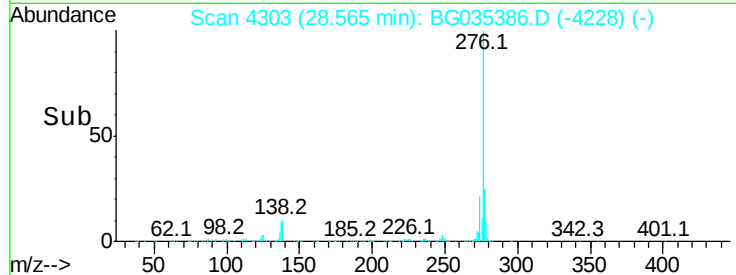
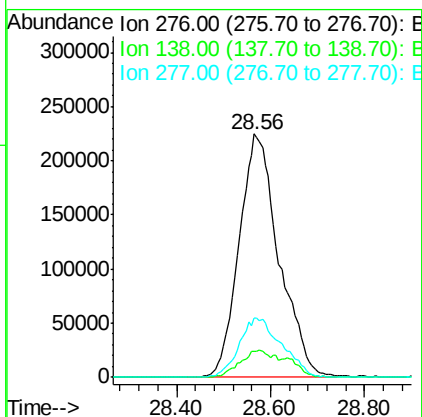
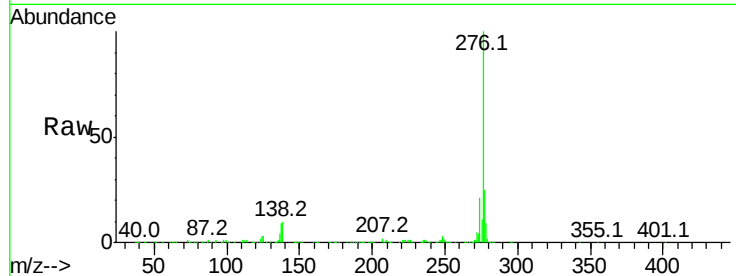
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 46.126 ng
 RT: 28.56 min Scan# 4303
 Delta R.T. -0.09 min
 Lab File: BG035386.D
 Acq: 25 Jun 2018 20:09

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-062118MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	8.0	16.0	24.0#
277	25.9	20.0	30.0

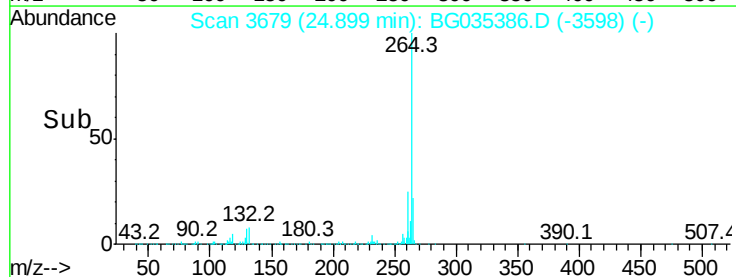
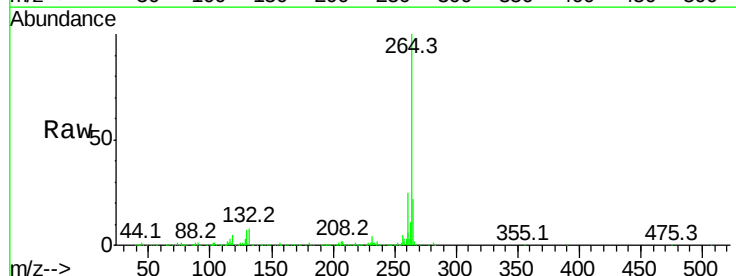
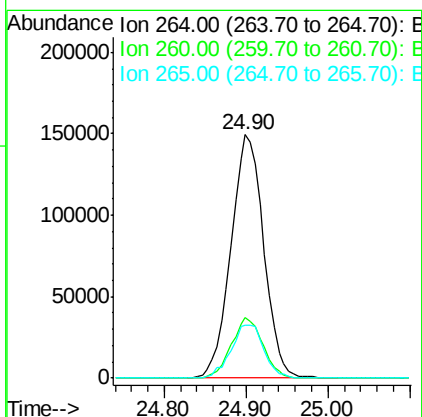
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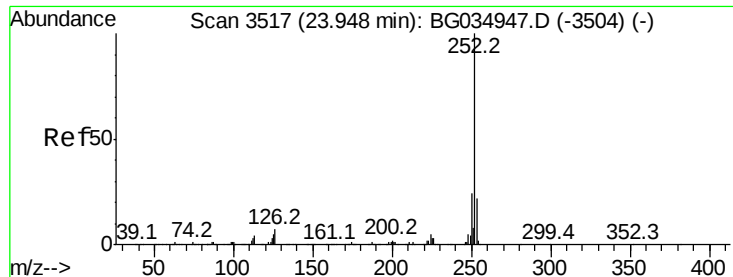
Sohil
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.90 min Scan# 3679
 Delta R.T. -0.05 min
 Lab File: BG035386.D
 Acq: 25 Jun 2018 20:09

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	17.4	26.0
265	21.6	17.7	26.5





#87

Benzo(b)fluoranthene

Concen: 44.729 ng

RT: 23.88 min Scan# 3506

Delta R.T. -0.04 min

Lab File: BG035386.D

Acq: 25 Jun 2018 20:09

Instrument :

BNA_G

ClientSampleId :

TR-05-062118MSD

Tot Ion:252 Resp: 1145478

Ion Ratio Lower Upper

252 100

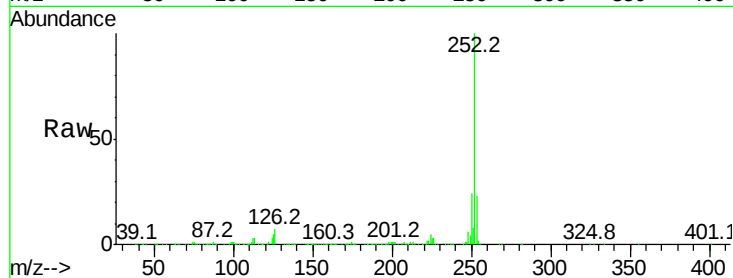
253 23.0 18.2 27.4

125 4.8 7.2 10.8#

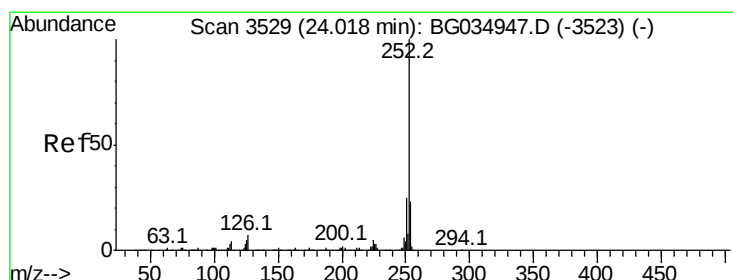
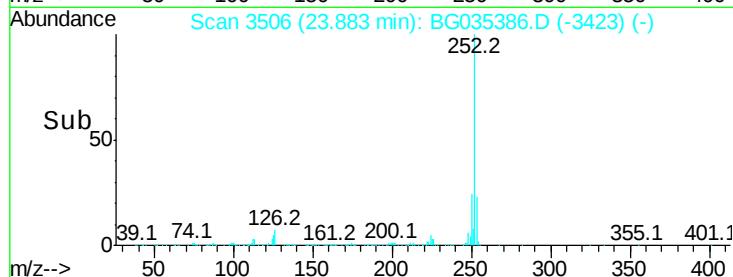
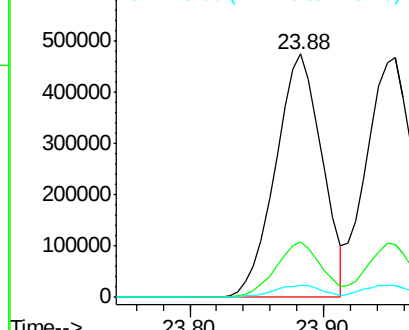
Manual Integrations
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 45.444 ng

RT: 23.95 min Scan# 3518

Delta R.T. -0.04 min

Lab File: BG035386.D

Acq: 25 Jun 2018 20:09

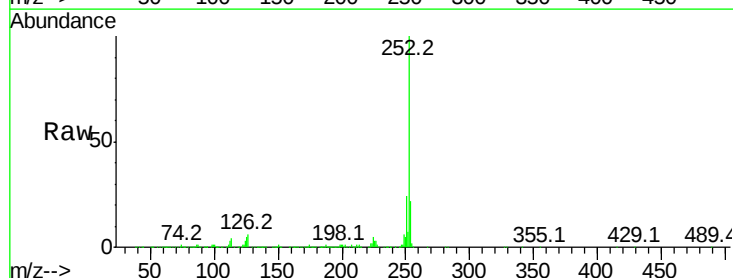
Tgt Ion:252 Resp: 1138429

Ion Ratio Lower Upper

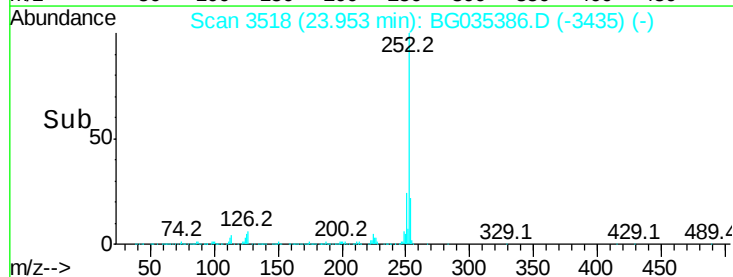
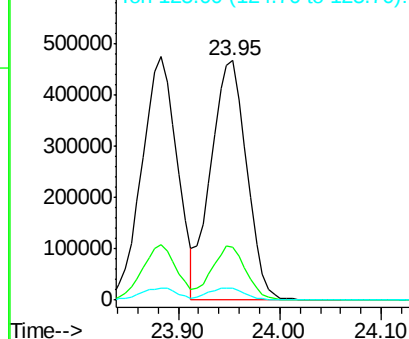
252 100

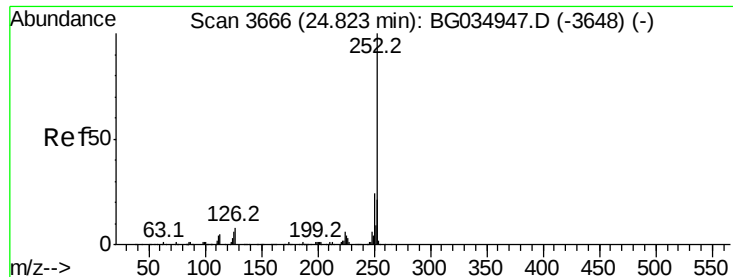
253 22.2 17.4 26.2

125 5.3 6.6 9.8#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





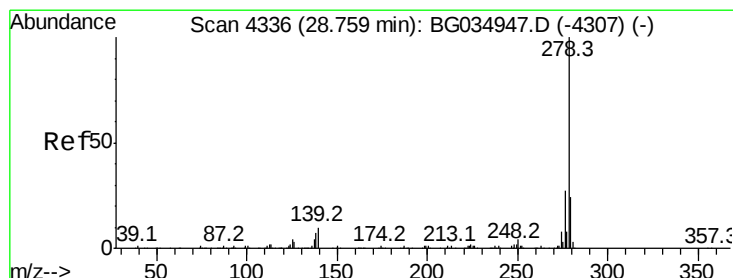
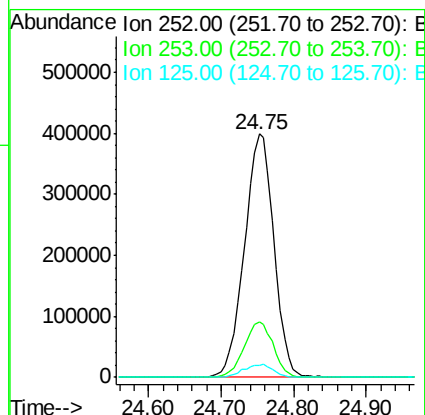
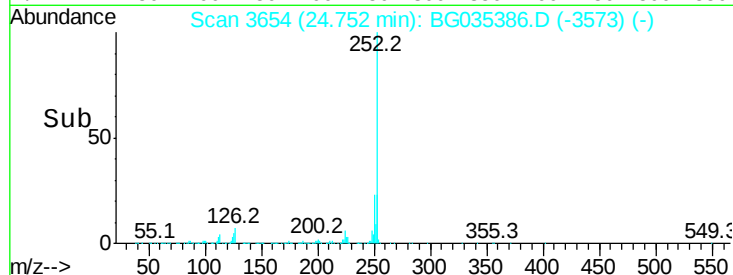
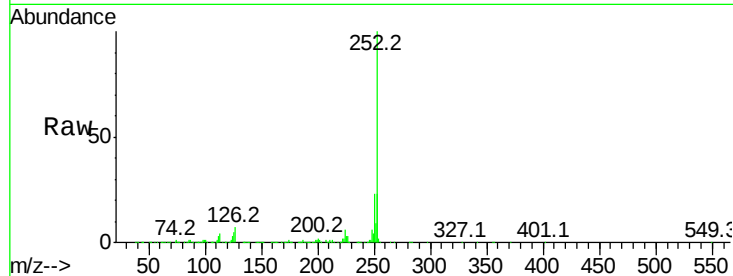
#89
Benzo(a)pyrene
Concen: 46.521 ng
RT: 24.75 min Scan# 3654
Delta R.T. -0.05 min
Lab File: BG035386.D
Acq: 25 Jun 2018 20:09

Instrument :
BNA_G
ClientSampleId :
TR-05-062118MSD

Tot Ion:252 Resp: 1121040
Ion Ratio Lower Upper
252 100
253 22.8 18.3 27.5
125 5.1 7.3 10.9#

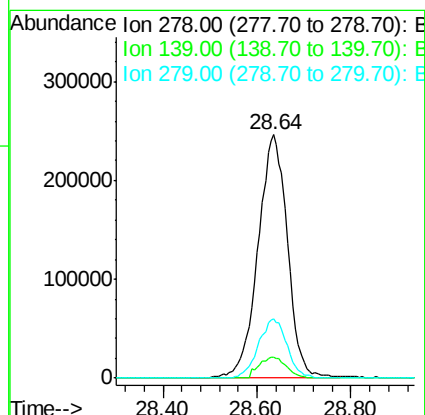
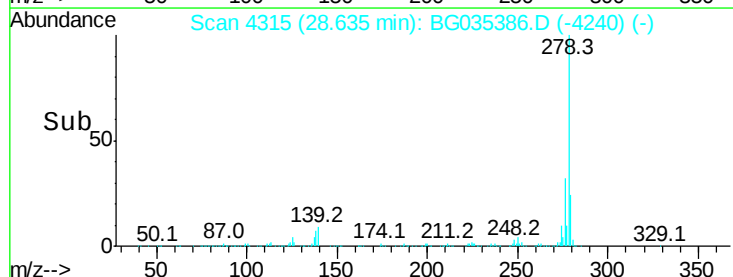
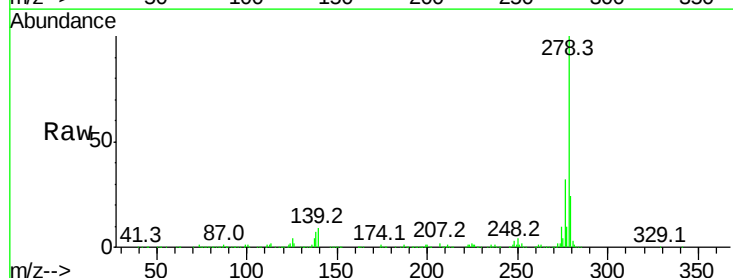
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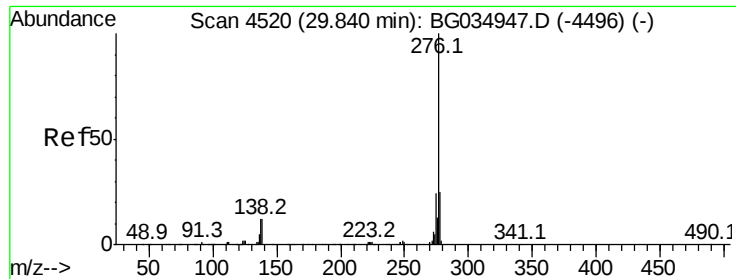
Sohil
6/27/2018 10:48:24 AM



#90
Dibenzo(a,h)anthracene
Concen: 45.134 ng
RT: 28.64 min Scan# 4315
Delta R.T. -0.09 min
Lab File: BG035386.D
Acq: 25 Jun 2018 20:09

Tgt Ion:278 Resp: 1073683
Ion Ratio Lower Upper
278 100
139 8.7 9.8 14.6#
279 24.5 18.4 27.6





#91
 Benzo(a,h,i)perylene
 Concen: 47.480 ng
 RT: 29.73 min Scan# 4501
 Delta R.T. -0.08 min
 Lab File: BG035386.D
 Acq: 25 Jun 2018 20:09

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-062118MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.3	27.5
138	12.1	13.9	20.9

Manual Integrations
 APPROVED

Sohil
 6/27/2018 10:48:24 AM

