

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072518\
 Data File : BG035905.D
 Acq On : 26 Jul 2018 12:03
 Operator : JU/SJ
 Sample : J3821-08MSD
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-072418-AMSD

Manual Integrations
 APPROVED

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 7/26/2018 4:59:44 PM

Quant Time: Jul 26 13:53:12 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 25 11:04:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	38276	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	146692	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	113674	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	319081	20.00	ng	0.00
75) Chrysene-d12	21.66	240	335892	20.00	ng	0.00
86) Perylene-d12	24.86	264	325101	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	325283	141.09	ng	0.00
7) Phenol-d6	7.20	99	441590	128.38	ng	0.00
23) Nitrobenzene-d5	9.19	82	331429	94.38	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	251183	167.65	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	788111	92.89	ng	0.00
78) Terphenyl-d14	20.00	244	1444864	94.82	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	37498	31.957	ng	# 73
3) Pyridine	3.92	79	90138	29.425	ng	# 73
4) n-Nitrosodimethylamine	3.83	42	45546	34.628	ng	# 60
6) Aniline	7.36	93	55037	12.345	ng	91
8) 2-Chlorophenol	7.60	128	114168	48.691	ng	98
9) Benzaldehyde	7.17	77	38136	18.069	ng	94
10) Phenol	7.23	94	147729	42.510	ng	98
11) bis(2-Chloroethyl)ether	7.45	93	115730	42.524	ng	91
12) 1,3-Dichlorobenzene	7.91	146	126904	44.818	ng	96
13) 1,4-Dichlorobenzene	8.06	146	127090	44.175	ng	100
14) 1,2-Dichlorobenzene	8.38	146	122622	44.367	ng	93
15) Benzyl Alcohol	8.27	79	130905	41.909	ng	91
16) 2,2'-oxybis(1-Chloropropan	8.55	45	130322	57.117	ng	77
17) 2-Methylphenol	8.47	107	108278	45.827	ng	# 91
18) Hexachloroethane	9.11	117	50717	46.106	ng	93
19) n-Nitroso-di-n-propylamine	8.83	70	107869	37.241	ng	# 85
20) 3+4-Methylphenols	8.80	107	148674	45.358	ng	89
22) Acetophenone	8.85	105	203870	44.692	ng	# 89
24) Nitrobenzene	9.23	77	161464	45.721	ng	96
25) Isophorone	9.75	82	319823	49.064	ng	99
26) 2-Nitrophenol	9.94	139	69180	55.158	ng	# 92
27) 2,4-Dimethylphenol	10.00	122	119842	56.448	ng	94
28) bis(2-Chloroethoxy)methane	10.23	93	166199	46.271	ng	97
29) 2,4-Dichlorophenol	10.49	162	132986	54.874	ng	94
30) 1,2,4-Trichlorobenzene	10.69	180	143843	48.404	ng	98
31) Naphthalene	10.88	128	368762	48.259	ng	99
32) Benzoic acid	10.16	122	48366	33.841	ng	95
33) 4-Chloroaniline	11.01	127	7564	2.271	ng	# 89
34) Hexachlorobutadiene	11.16	225	109630	47.309	ng	90
35) Caprolactam	11.78	113	38228m	36.758	ng	
36) 4-Chloro-3-methylphenol	12.11	107	169986	52.328	ng	98
37) 2-Methylnaphthalene	12.48	142	289977	50.937	ng	92
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	196644	45.833	ng	99
40) Hexachlorocyclopentadiene	12.82	237	240121	106.716	ng	92

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Manual Integrations
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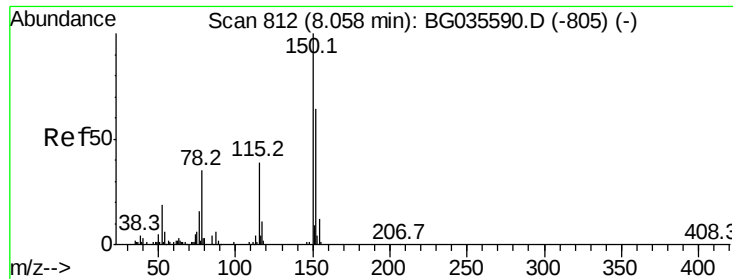
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Quant Time: Jul 26 13:53:12 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 25 11:04:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	13.09	196	131591	52.446	nq	92
43) 2,4,5-Trichlorophenol	13.17	196	142211	50.665	nq	98
45) 1,1'-Biphenyl	13.48	154	400966	45.497	nq	98
46) 2-Chloronaphthalene	13.53	162	322703	47.074	nq	100
47) 2-Nitroaniline	13.73	65	109200	45.058	nq	96
48) Acenaphthylene	14.37	152	544060	47.379	nq	98
49) Dimethylphthalate	14.10	163	467124	46.902	nq	100
50) 2,6-Dinitrotoluene	14.23	165	108404	53.450	nq	92
51) Acenaphthene	14.72	154	322244	45.048	nq	99
52) 3-Nitroaniline	14.56	138	14565	7.026	nq	# 96
53) 2,4-Dinitrophenol	14.77	184	117647	110.104	nq	# 65
54) Dibenzofuran	15.05	168	542604	47.695	nq	95
55) 4-Nitrophenol	14.88	139	138618	93.900	nq	90
56) 2,4-Dinitrotoluene	15.01	165	157078	53.986	nq	# 86
57) Fluorene	15.70	166	458471	48.083	nq	95
58) 2,3,4,6-Tetrachlorophenol	15.28	232	150613	55.964	nq	92
59) Diethylphthalate	15.47	149	470121	45.906	nq	98
60) 4-Chlorophenyl-phenylether	15.68	204	263572	47.031	nq	98
61) 4-Nitroaniline	15.73	138	85259	39.320	nq	# 86
62) Azobenzene	15.98	77	462148	45.750	nq	95
64) 4,6-Dinitro-2-methylphenol	15.78	198	91536	51.534	nq	83
65) n-Nitrosodiphenylamine	15.90	169	404426	44.529	nq	99
66) 4-Bromophenyl-phenylether	16.58	248	179851	48.584	nq	96
67) Hexachlorobenzene	16.70	284	186292	48.867	nq	96
68) Atrazine	16.85	200	140874	37.673	nq	95
69) Pentachlorophenol	17.05	266	193690	83.415	nq	97
70) Phenanthrene	17.44	178	746902	46.911	nq	99
71) Anthracene	17.53	178	764212	48.204	nq	99
72) Carbazole	17.80	167	682604	45.338	nq	97
73) Di-n-butylphthalate	18.35	149	794144	44.635	nq	# 98
74) Fluoranthene	19.44	202	964886	44.991	nq	96
76) Benzidine	19.68	184	18646m	2.112	nq	
77) Pyrene	19.81	202	967972	45.576	nq	97
79) Butylbenzylphthalate	20.68	149	364697	48.017	nq	97
80) Benzo(a)anthracene	21.64	228	979540	46.797	nq	99
81) 3,3'-Dichlorobenzidine	21.56	252	82636	11.322	nq	# 96
82) Chrysene	21.71	228	915151	47.180	nq	97
83) Bis(2-ethylhexyl)phthalate	21.54	149	498962	48.323	nq	# 97
84) Di-n-octyl phthalate	22.74	149	849069	49.111	nq	# 93
85) Indeno(1,2,3-cd)pyrene	28.50	276	1051031	48.942	nq	# 85
87) Benzo(b)fluoranthene	23.84	252	919417	46.530	nq	# 96
88) Benzo(k)fluoranthene	23.91	252	916670	47.452	nq	# 96
89) Benzo(a)pyrene	24.71	252	890840	48.461	nq	# 96
90) Dibenzo(a,h)anthracene	28.57	278	864383	47.896	nq	# 96
91) Benzo(g,h,i)perylene	29.65	276	866038	49.040	nq	# 94

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



#1

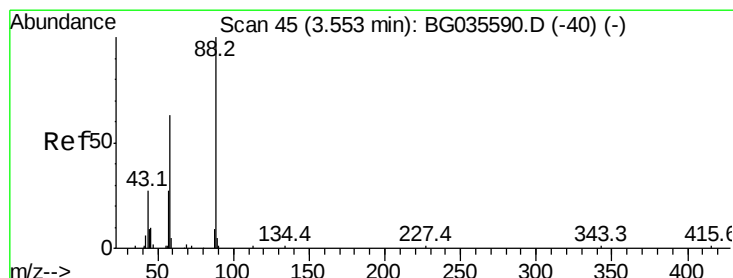
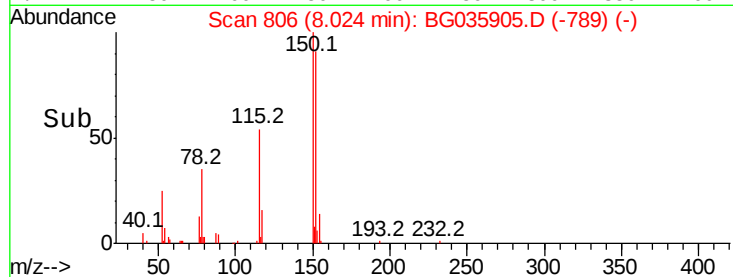
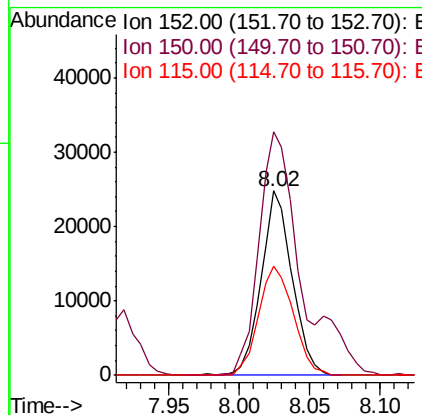
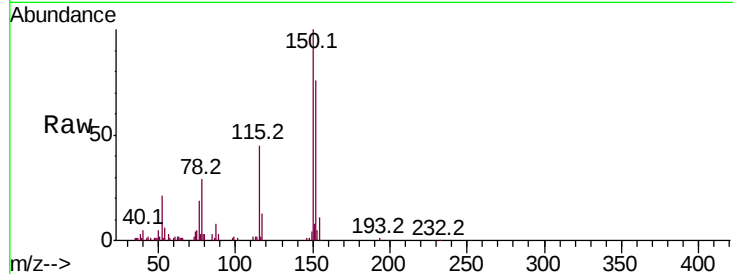
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 806
Delta R.T. 0.00 min
Lab File: BG035905.D
Acq: 26 Jul 2018 12:03

Instrument :
BNA_G
ClientSampleId :
HR-06-072418-AMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	131.8	126.6	189.8
115	59.1	53.0	79.4

Manual Integrations
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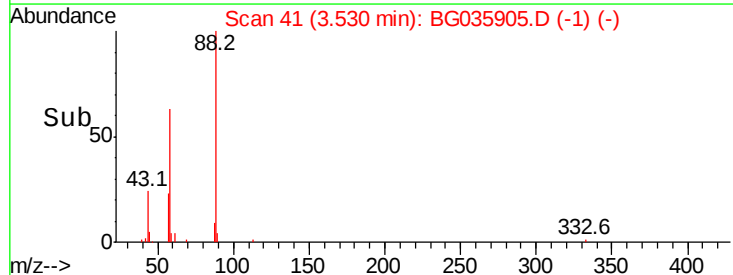
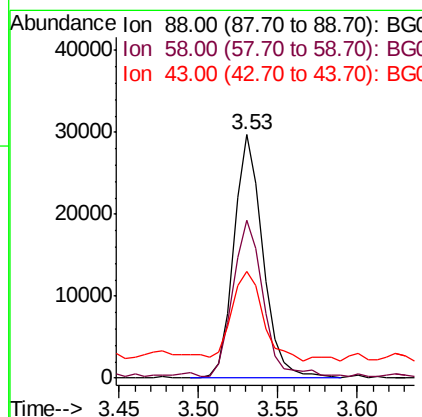
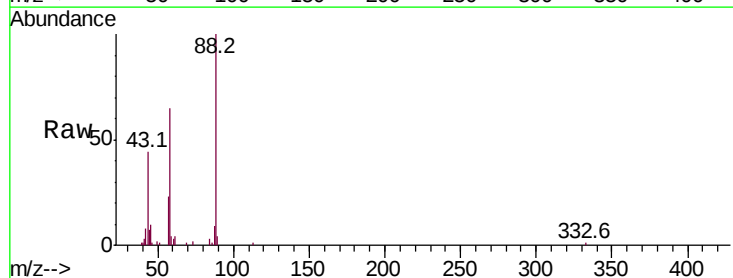
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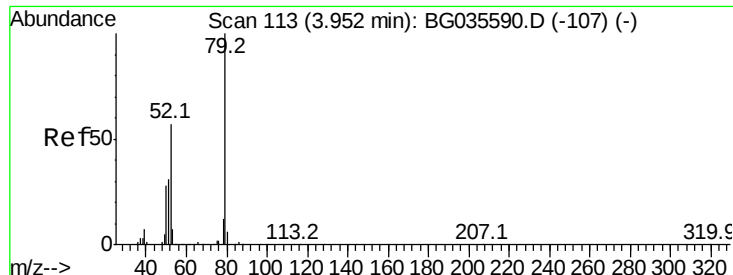


#2

1,4-Dioxane
Concen: 31.957 ng
RT: 3.53 min Scan# 41
Delta R.T. 0.01 min
Lab File: BG035905.D
Acq: 26 Jul 2018 12:03

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.6	79.6	119.4#
43	39.5	27.4	41.0





#3

Pvridine

Concen: 29.425 ng

RT: 3.92 min Scan# 108

Delta R.T. 0.01 min

Lab File: BG035905.D

Acq: 26 Jul 2018 12:03

Instrument :

BNA_G

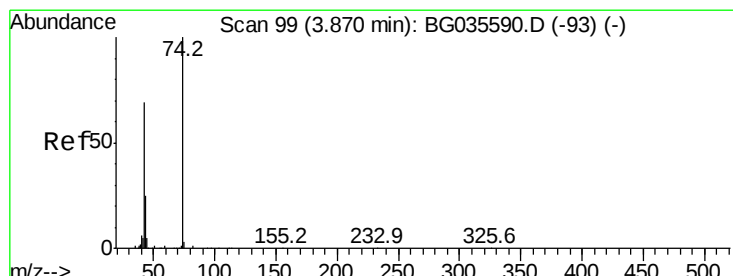
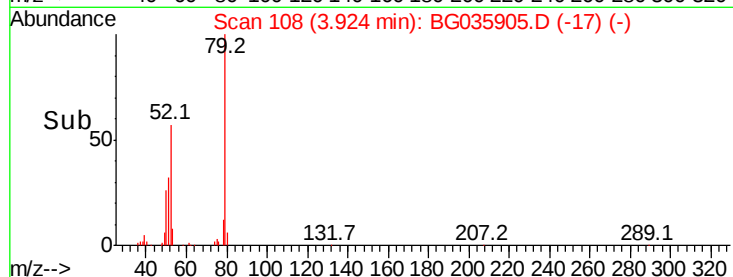
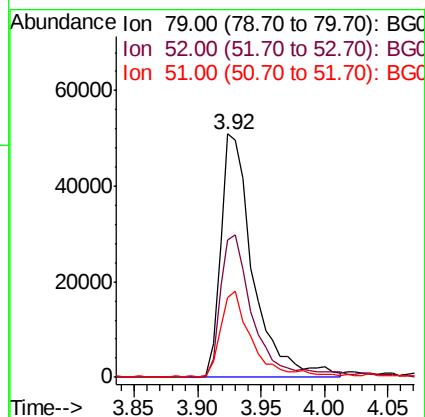
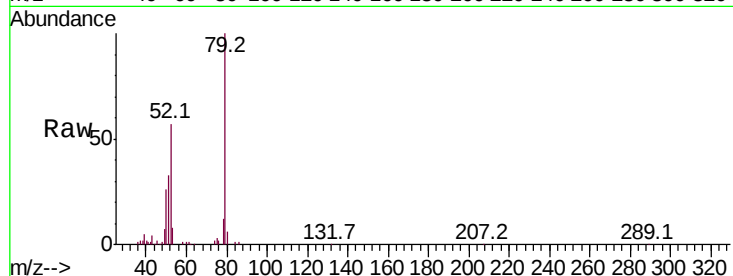
ClientSampleId :

HR-06-072418-AMSD

Tot Ion:	79	Resp:	90138
Ion Ratio	Lower	Upper	
79	100		
52	56.7	69.9	104.9#
51	32.7	34.0	51.0#

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 34.628 ng

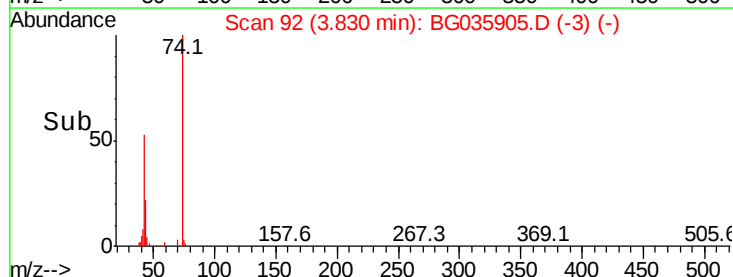
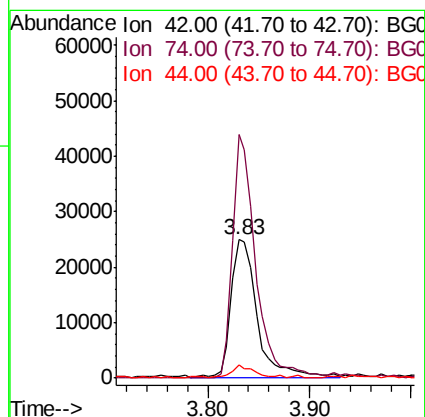
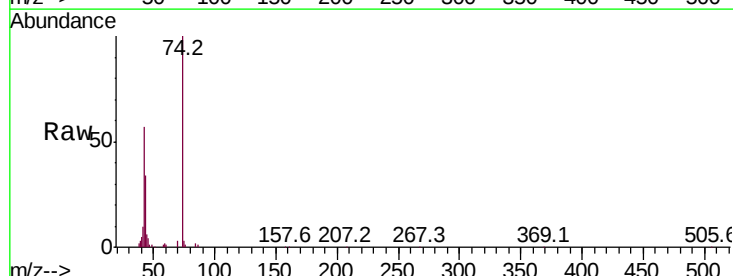
RT: 3.83 min Scan# 92

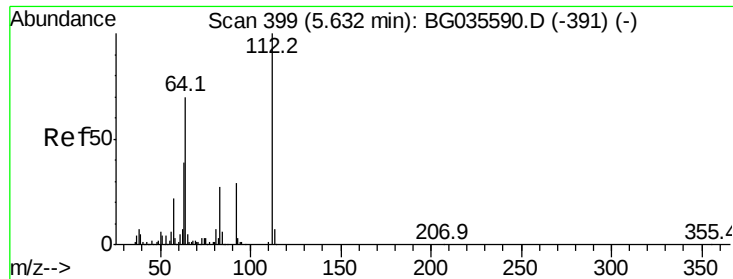
Delta R.T. -0.01 min

Lab File: BG035905.D

Acq: 26 Jul 2018 12:03

Tgt Ion:	42	Resp:	45546
Ion Ratio	Lower	Upper	
42	100		
74	176.3	102.5	153.7#
44	10.0	18.9	28.3#





#5

2-Fluorophenol

Concen: 141.093 ng

RT: 5.61 min Scan# 395

Delta R.T. 0.01 min

Lab File: BG035905.D

Acq: 26 Jul 2018 12:03

Instrument :

BNA_G

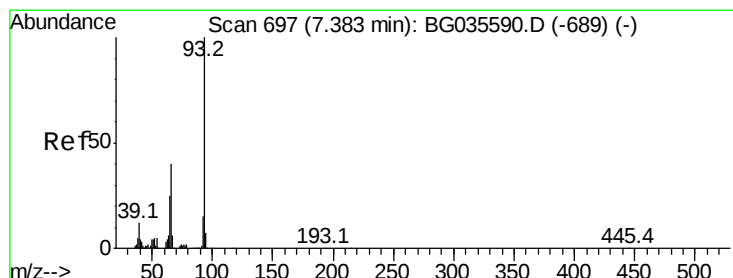
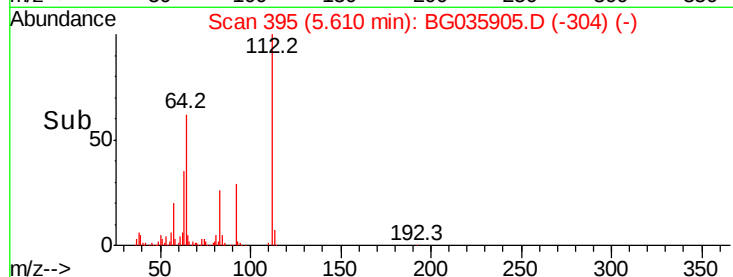
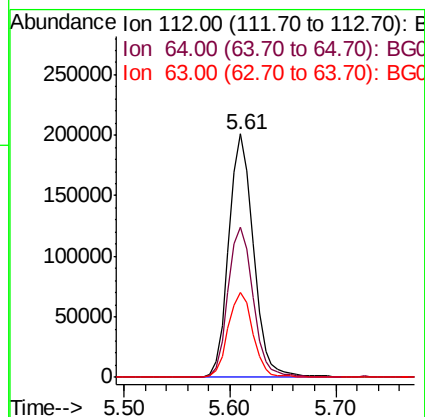
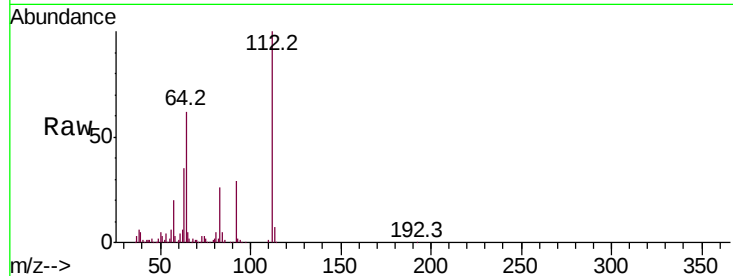
ClientSampleId :

HR-06-072418-AMSD

Tot Ion:	112	Resp:	325283
Ion Ratio	Lower	Upper	
112	100		
64	61.9	56.3	84.5
63	35.0	30.1	45.1

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#6

Aniline

Concen: 12.345 ng

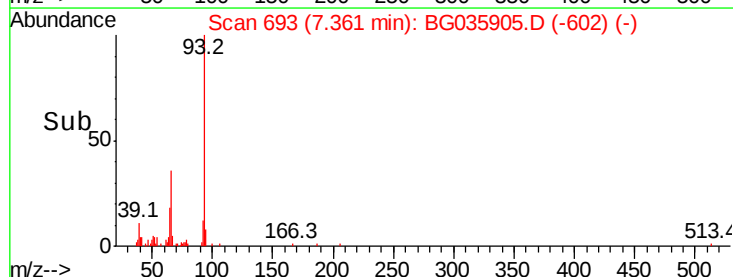
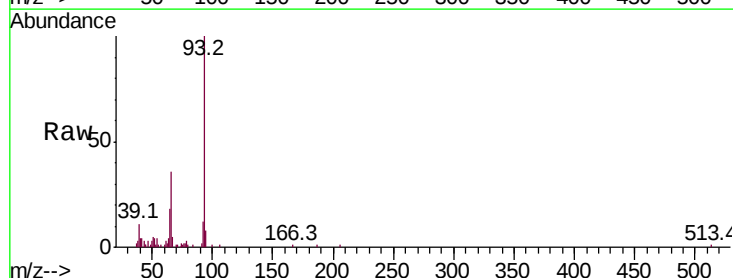
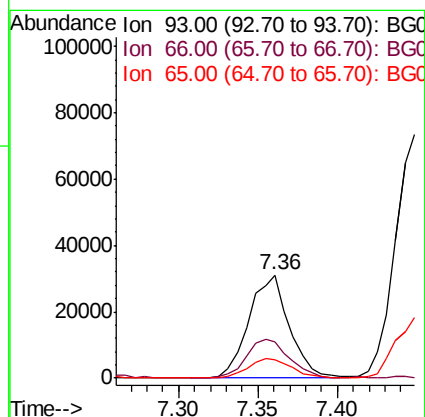
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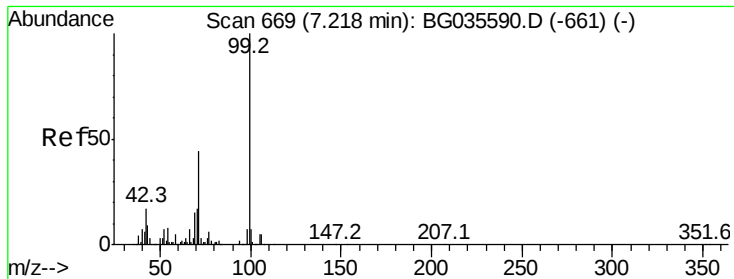
Delta R.T. 0.01 min

Lab File: BG035905.D

Acq: 26 Jul 2018 12:03

Tgt Ion:	93	Resp:	55037
Ion Ratio	Lower	Upper	
93	100		
66	35.7	33.7	50.5
65	17.5	16.1	24.1





#7

Phenol-d6

Concen: 128.380 ng

RT: 7.20 min Scan# 665

Delta R.T. 0.00 min

Lab File: BG035905.D

Acq: 26 Jul 2018 12:03

Instrument :

BNA_G

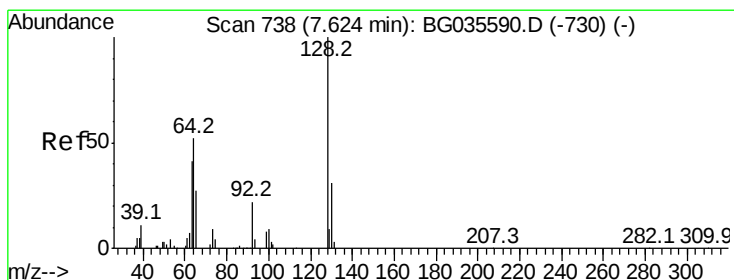
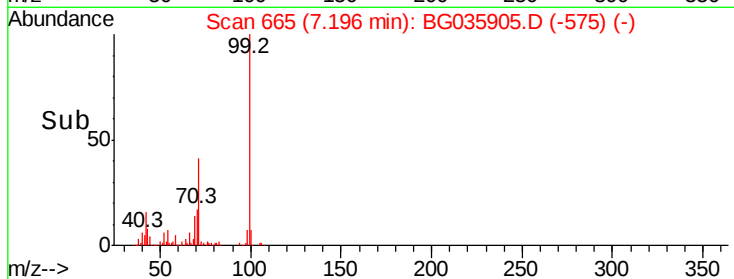
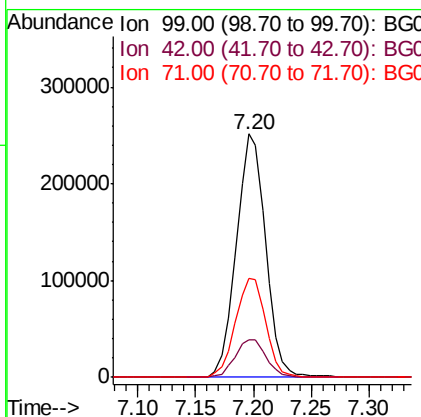
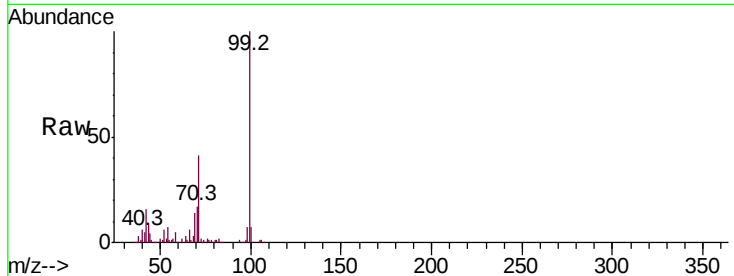
ClientSampleId :

HR-06-072418-AMSD

Tot Ion	99	Resp	441590
Ion Ratio	Lower	Upper	
99	100		
42	15.6	14.1	21.1
71	40.9	26.1	39.1#

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#8

2-Chlorophenol

Concen: 48.691 ng

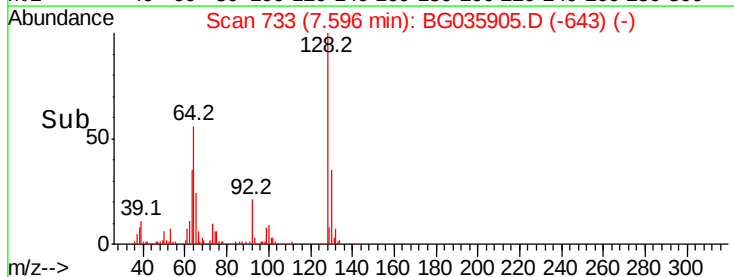
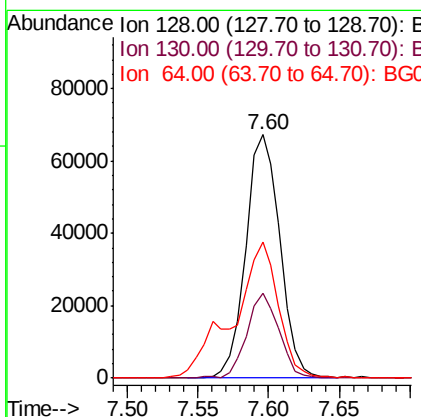
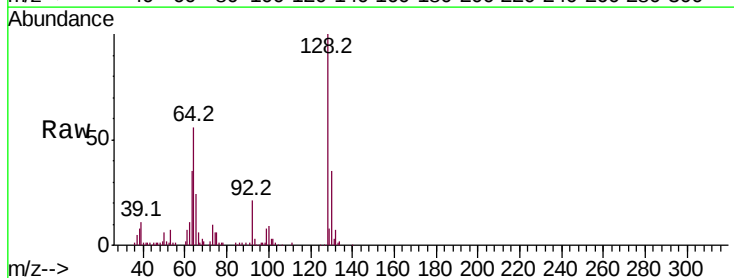
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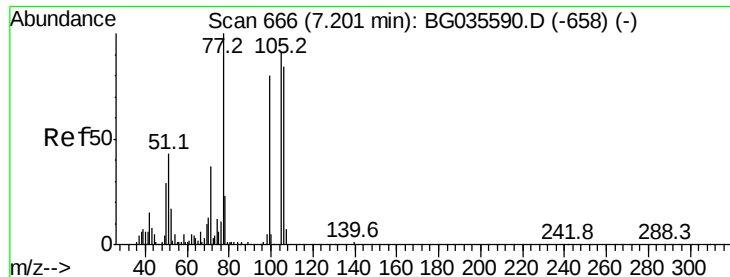
Delta R.T. 0.00 min

Lab File: BG035905.D

Acq: 26 Jul 2018 12:03

Tgt Ion	128	Resp	114168
Ion Ratio	Lower	Upper	
128	100		
130	35.0	14.0	54.0
64	55.7	37.7	77.7





#9

Benzaldehyde

Concen: 18.069 ng

RT: 7.17 min Scan# 660

Delta R.T. 0.00 min

Lab File: BG035905.D

Acq: 26 Jul 2018 12:03

Instrument :

BNA_G

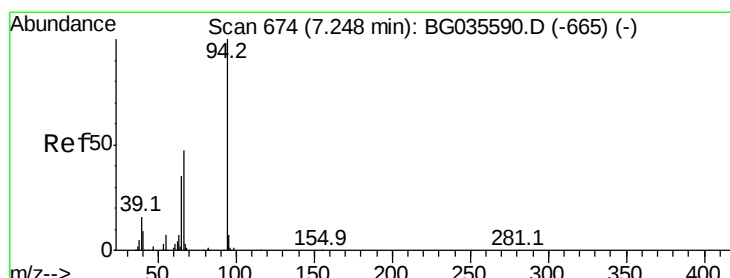
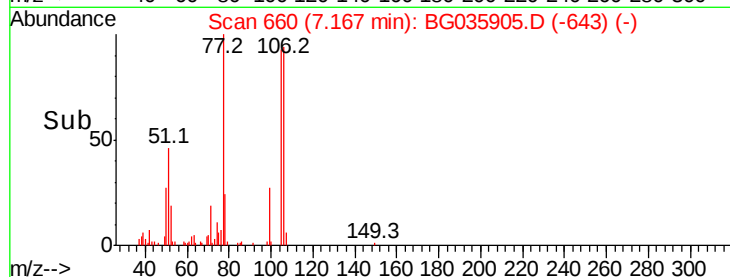
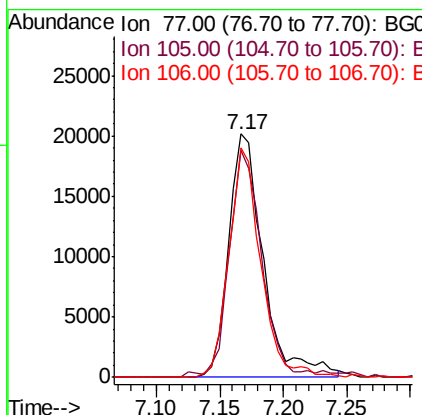
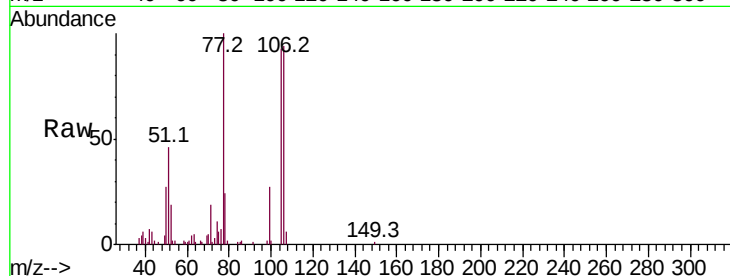
ClientSampleId :

HR-06-072418-AMSD

Tot Ion:	77	Resp:	38136
Ion Ratio	Lower	Upper	
77	100		
105	93.1	71.3	111.3
106	94.4	64.2	104.2

Manual Integrations
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#10

Phenol

Concen: 42.510 ng

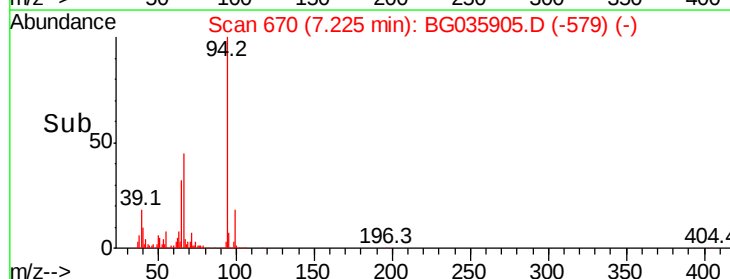
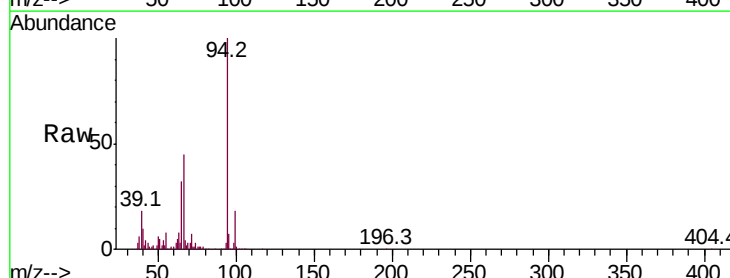
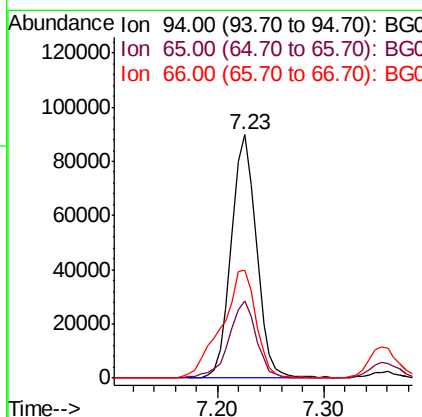
RT: 7.23 min Scan# 670

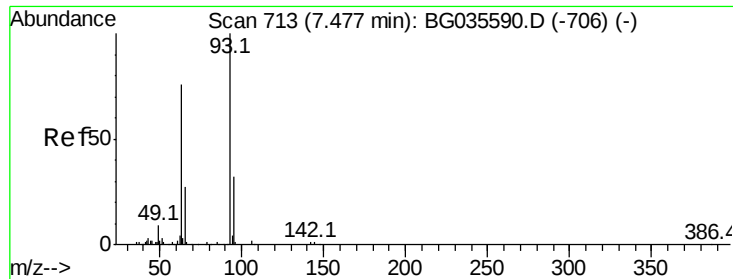
Delta R.T. 0.01 min

Lab File: BG035905.D

Acq: 26 Jul 2018 12:03

Tgt Ion:	94	Resp:	147729
Ion Ratio	Lower	Upper	
94	100		
65	32.0	11.9	51.9
66	44.6	22.2	62.2





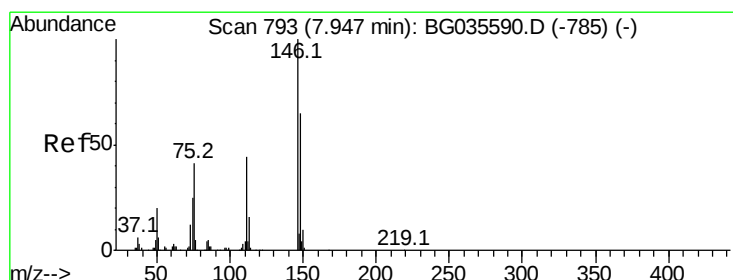
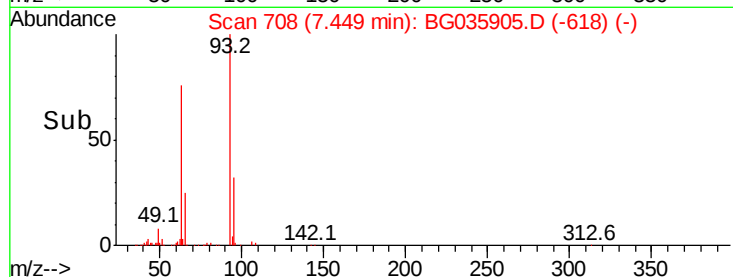
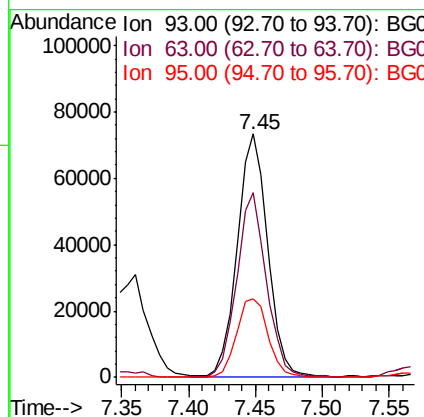
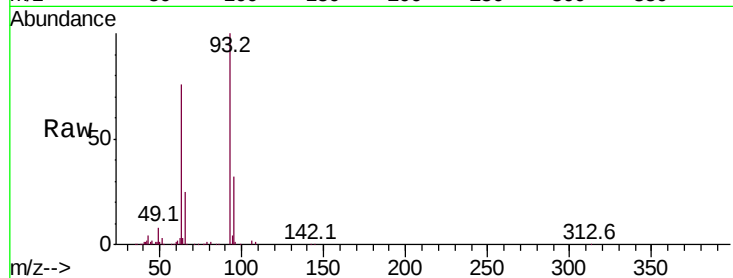
#11
bis(2-Chloroethyl)ether
Concen: 42.524 ng
RT: 7.45 min Scan# 708
Delta R.T. 0.00 min
Lab File: BG035905.D
Acq: 26 Jul 2018 12:03

Instrument :
BNA_G
ClientSampleId :
HR-06-072418-AMSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	76.0	67.1	107.1
95	32.1	11.5	51.5

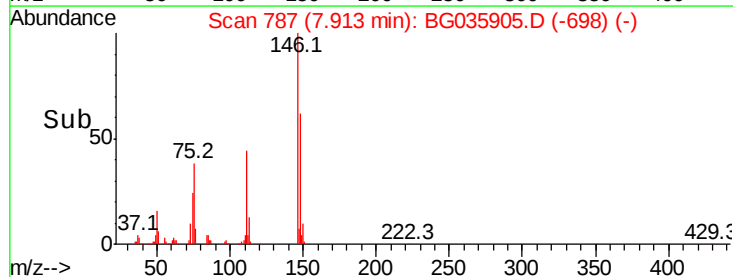
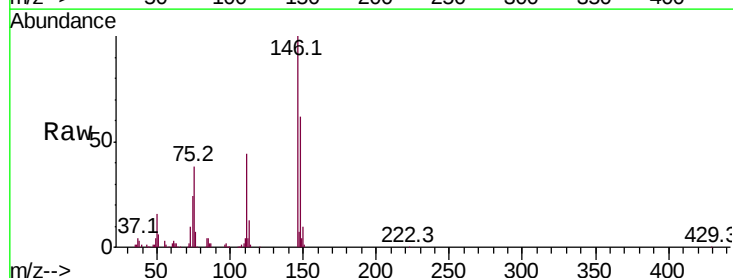
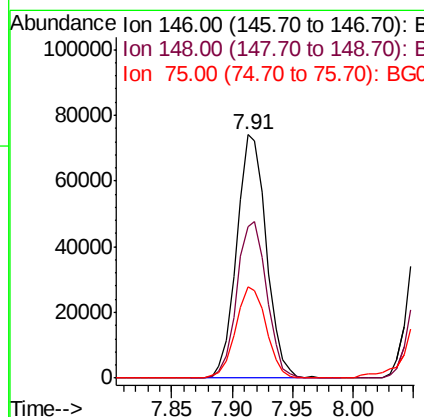
Manual Integrations
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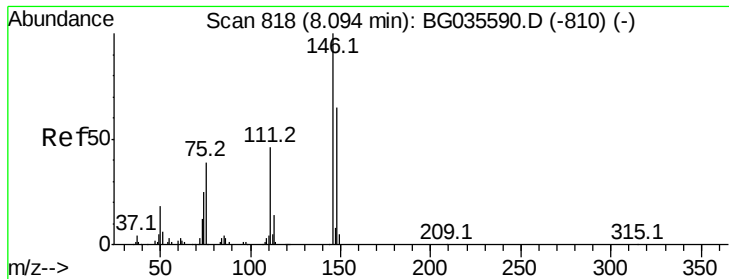
Sohil
7/26/2018 4:59:44 PM



#12
1,3-Dichlorobenzene
Concen: 44.818 ng
RT: 7.91 min Scan# 787
Delta R.T. -0.01 min
Lab File: BG035905.D
Acq: 26 Jul 2018 12:03

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.3	51.4	77.2
75	37.6	26.6	39.8





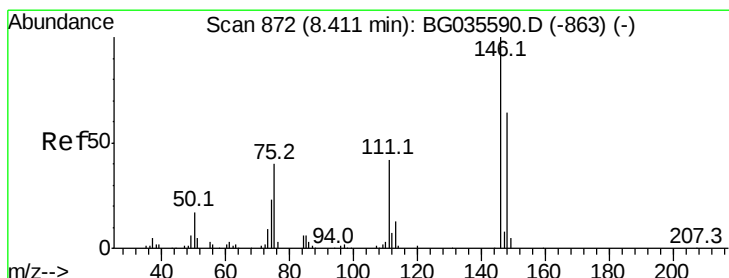
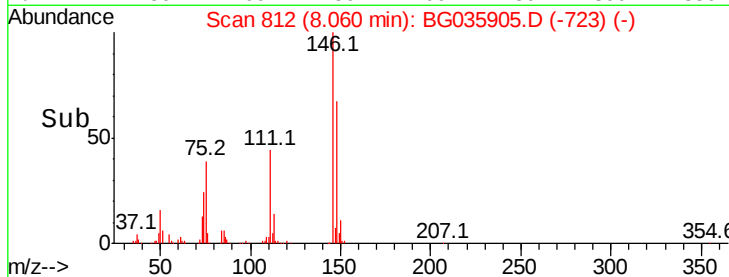
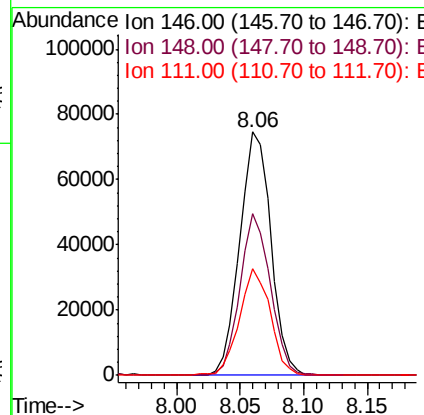
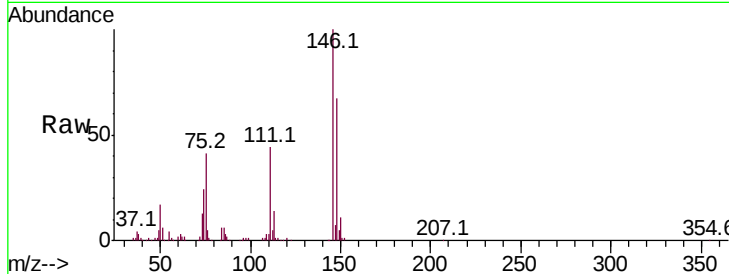
#13
 1,4-Dichlorobenzene
 Concen: 44.175 ng
 RT: 8.06 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BG035905.D
 Acq: 26 Jul 2018 12:03

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-072418-AMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.6	53.7	80.5
111	43.8	35.2	52.8

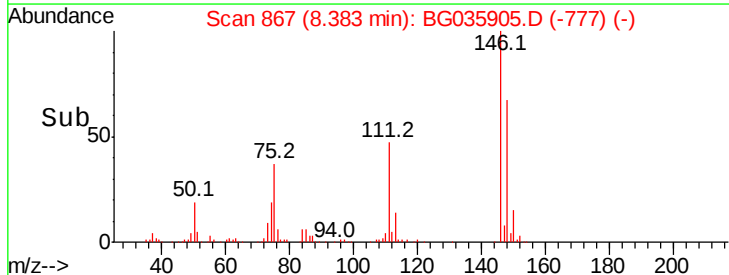
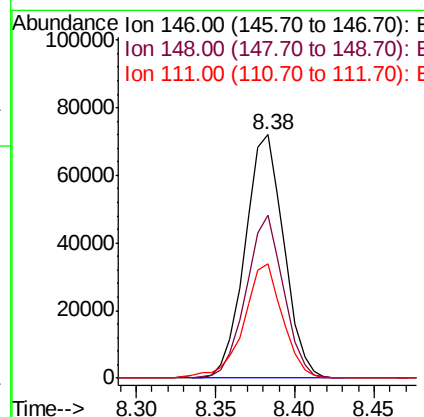
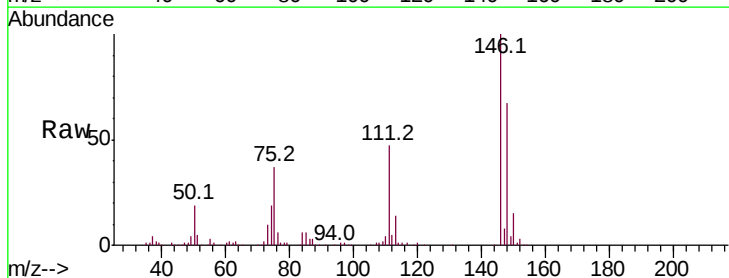
Manual Integrations
 APPROVED

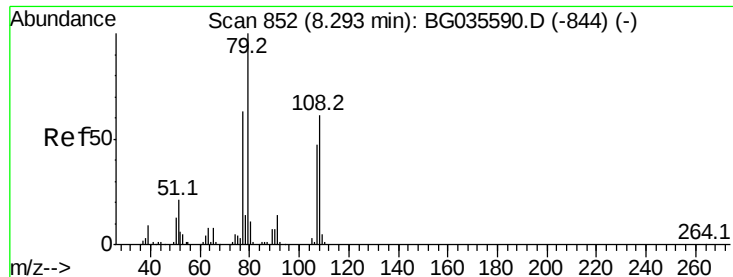
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 44.367 ng
 RT: 8.38 min Scan# 867
 Delta R.T. 0.00 min
 Lab File: BG035905.D
 Acq: 26 Jul 2018 12:03

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.9	49.3	73.9
111	46.8	34.3	51.5





#15

Benzyl Alcohol

Concen: 41.909 ng

RT: 8.27 min Scan# 847

Delta R.T. 0.00 min

Lab File: BG035905.D

Acq: 26 Jul 2018 12:03

Instrument :

BNA_G

ClientSampleId :

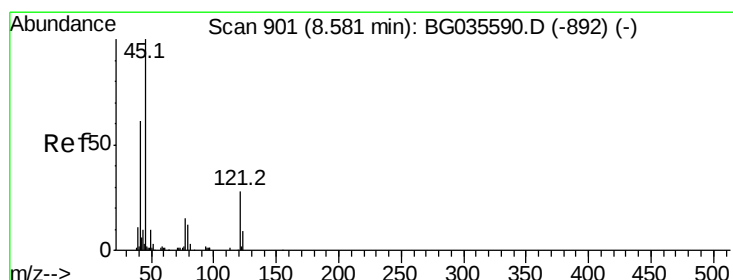
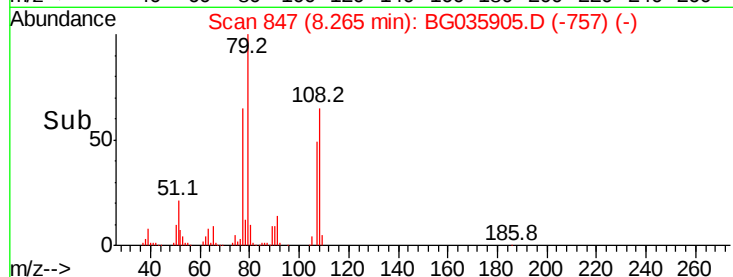
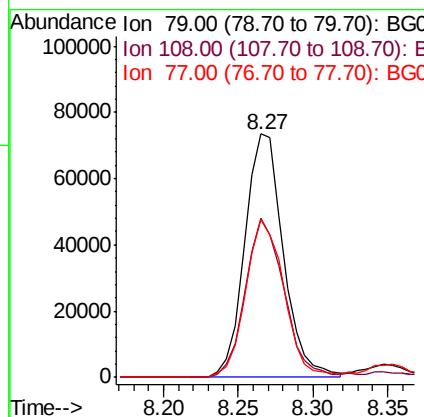
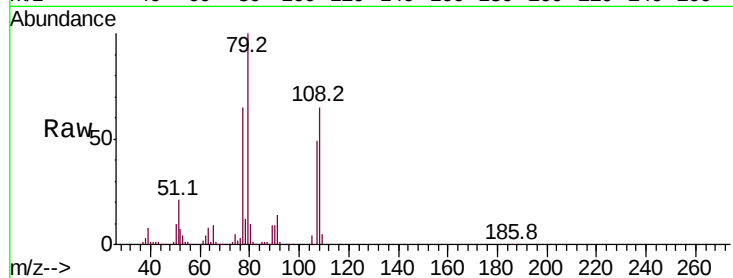
HR-06-072418-AMSD

Tot Ion:	79	Resp:	130905
Ion Ratio	Lower	Upper	
79	100		
108	65.2	57.2	85.8
77	65.0	46.1	69.1

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 57.117 ng

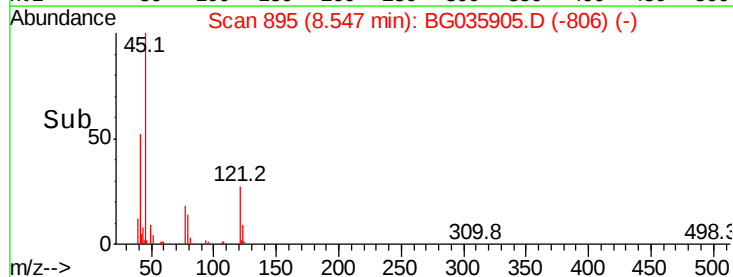
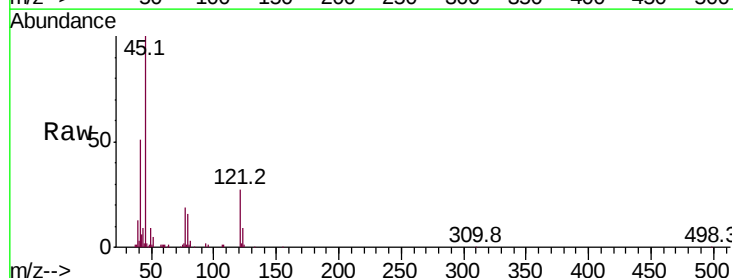
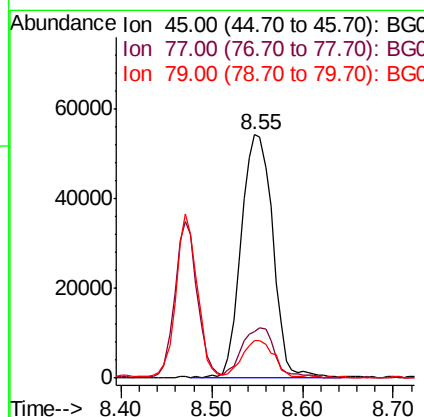
RT: 8.55 min Scan# 895

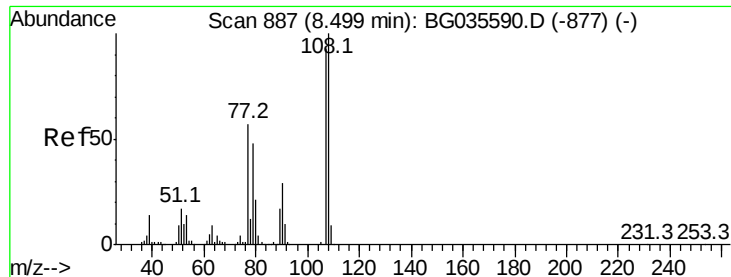
Delta R.T. -0.01 min

Lab File: BG035905.D

Acq: 26 Jul 2018 12:03

Tgt Ion:	45	Resp:	130322
Ion Ratio	Lower	Upper	
45	100		
77	19.2	0.0	30.2
79	15.6	0.0	27.9





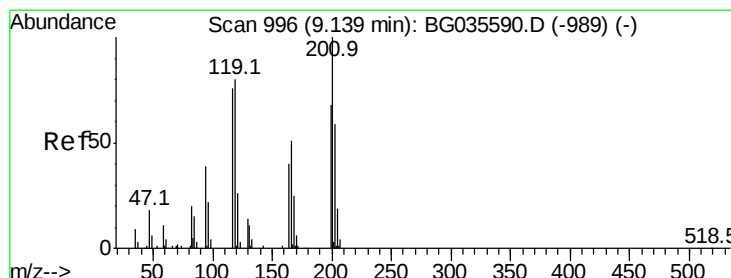
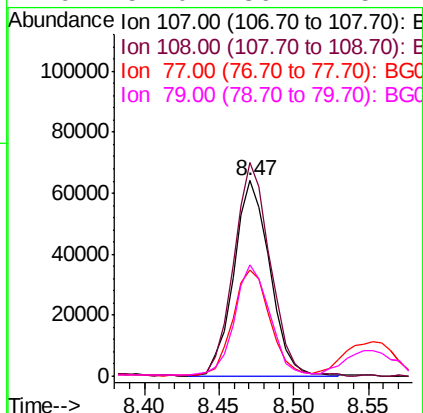
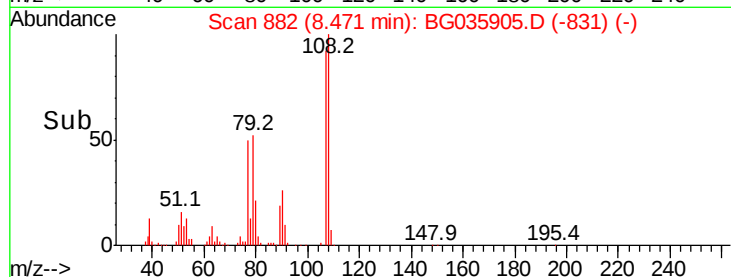
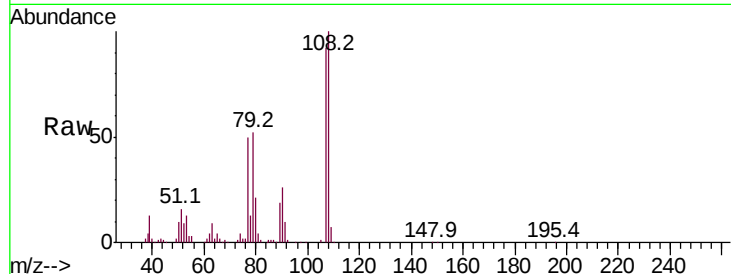
#17
2-Methylphenol
Concen: 45.827 ng
RT: 8.47 min Scan# 882
Delta R.T. 0.00 min
Lab File: BG035905.D
Acq: 26 Jul 2018 12:03

Instrument :
BNA_G
ClientSampleId :
HR-06-072418-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.2	83.9	125.9	
77	54.3	37.2	55.8	
79	57.0	36.2	54.2	

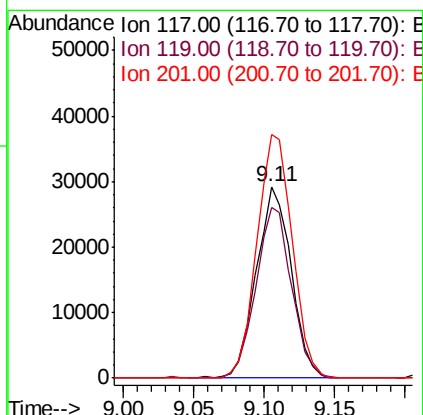
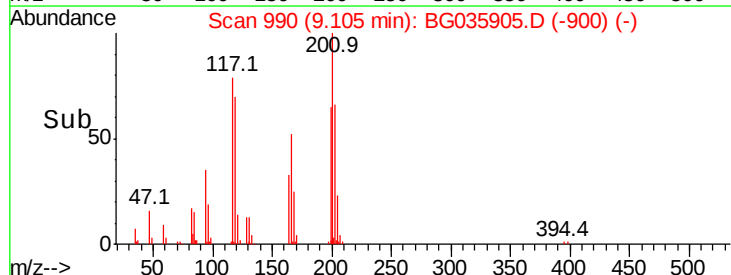
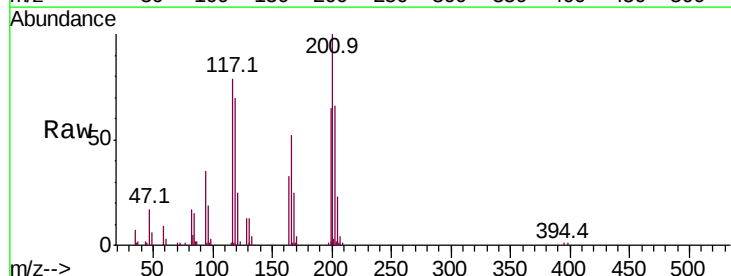
Manual Integrations
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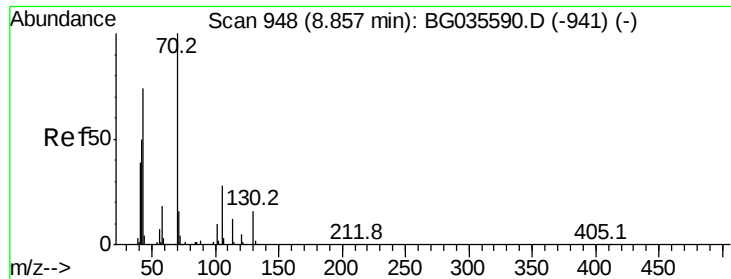
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#18
Hexachloroethane
Concen: 46.106 ng
RT: 9.11 min Scan# 990
Delta R.T. 0.00 min
Lab File: BG035905.D
Acq: 26 Jul 2018 12:03

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	88.9	76.7	115.1	
201	127.1	95.7	143.5	





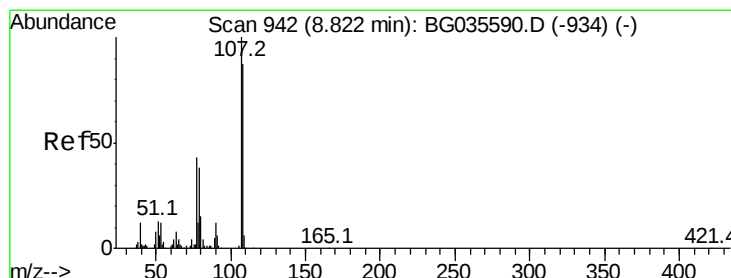
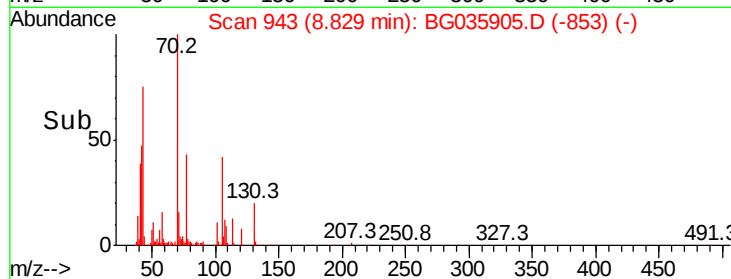
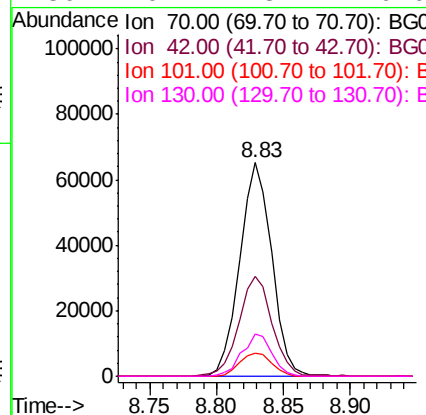
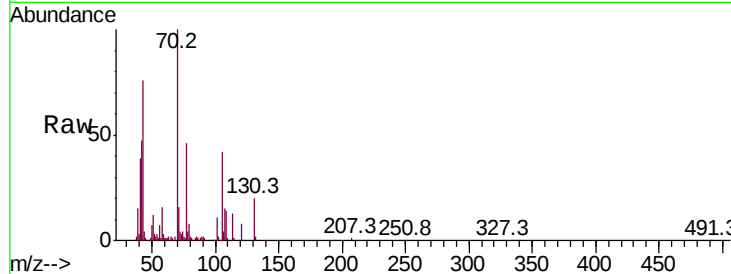
#19
n-Nitroso-di-n-propylamine
Concen: 37.241 ng
RT: 8.83 min Scan# 943
Delta R.T. 0.00 min
Lab File: BG035905.D
Acq: 26 Jul 2018 12:03

Instrument :
BNA_G
ClientSampleId :
HR-06-072418-AMSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	46.9	49.1	73.7#
101	11.0	8.5	12.7
130	19.7	13.4	20.0

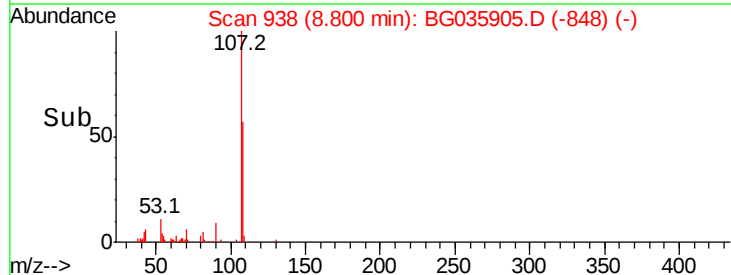
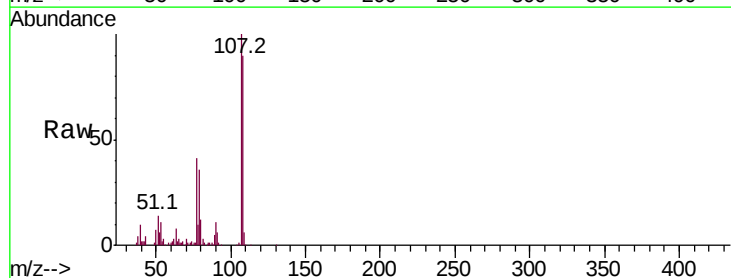
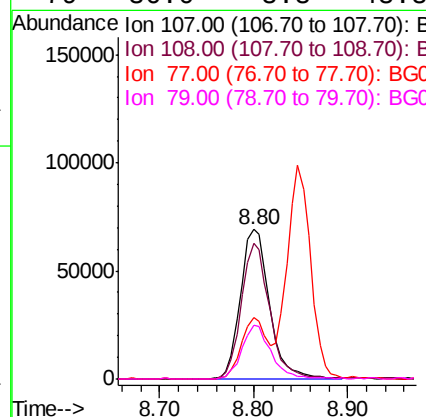
Manual Integrations
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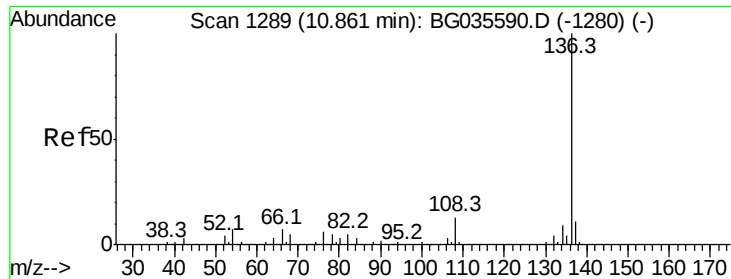
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#20
3+4-Methylphenols
Concen: 45.358 ng
RT: 8.80 min Scan# 938
Delta R.T. 0.00 min
Lab File: BG035905.D
Acq: 26 Jul 2018 12:03

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.5	61.6	101.6
77	40.7	13.9	53.9
79	36.0	8.8	48.8





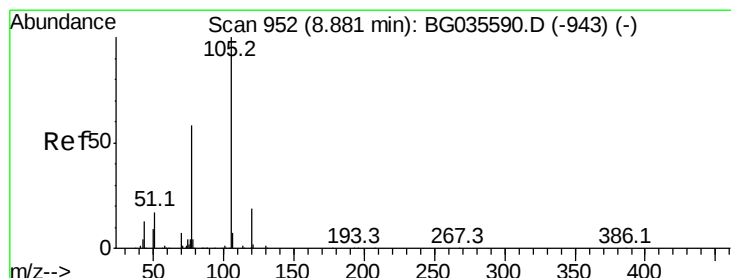
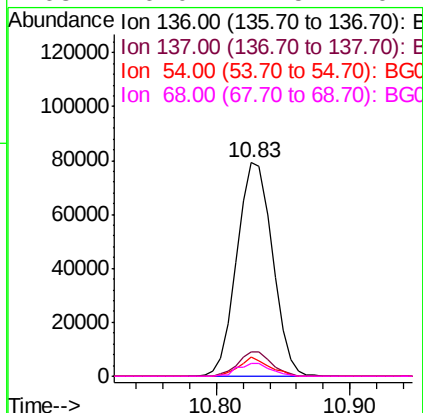
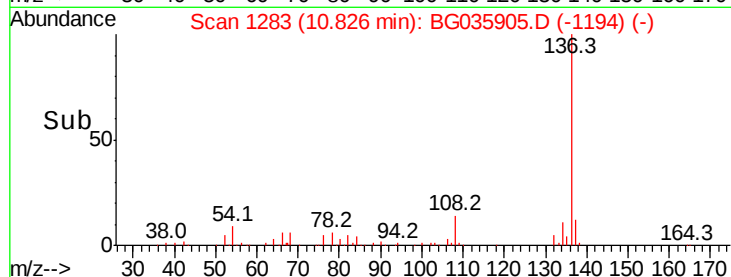
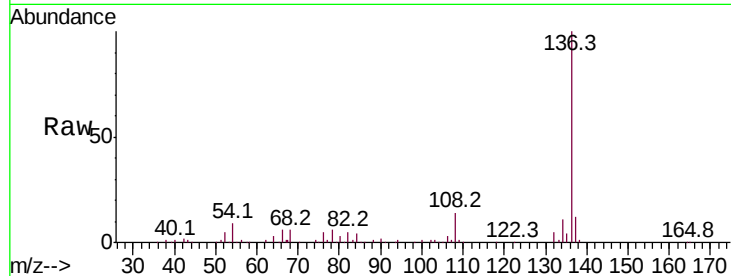
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BG035905.D
Acq: 26 Jul 2018 12:03

Instrument :
BNA_G
ClientSampleId :
HR-06-072418-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.7	9.2	13.8	
54	8.8	10.3	15.5	
68	6.0	4.5	6.7	

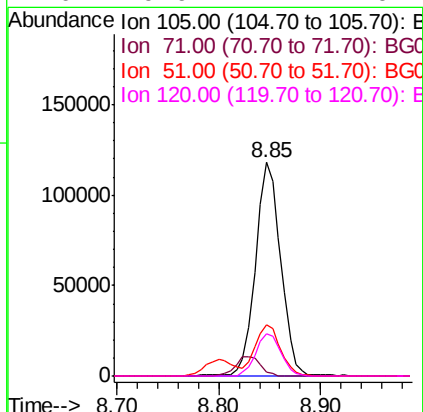
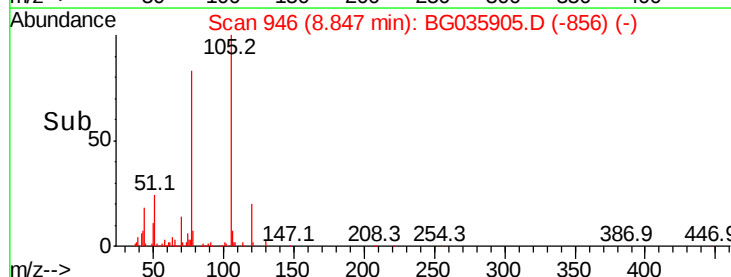
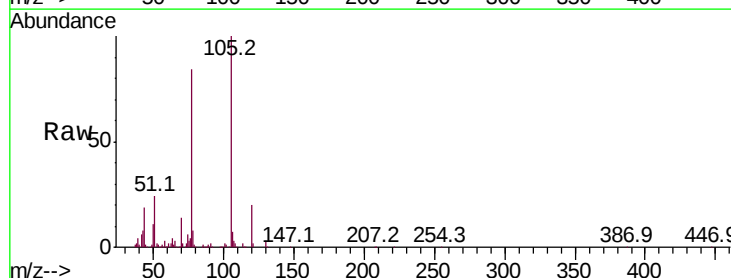
Manual Integrations
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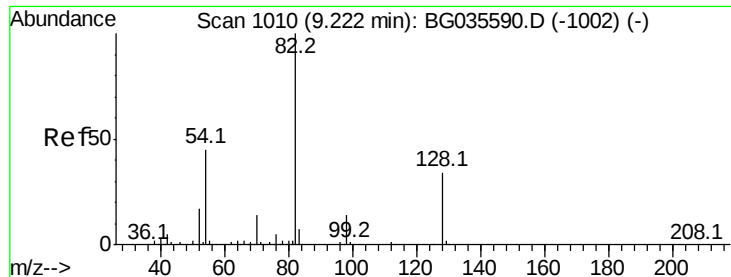
Sohil
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#22
Acetophenone
Concen: 44.692 ng
RT: 8.85 min Scan# 946
Delta R.T. 0.00 min
Lab File: BG035905.D
Acq: 26 Jul 2018 12:03

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	1.9	3.0	4.4	
51	23.9	26.1	39.1	
120	19.9	17.4	26.2	





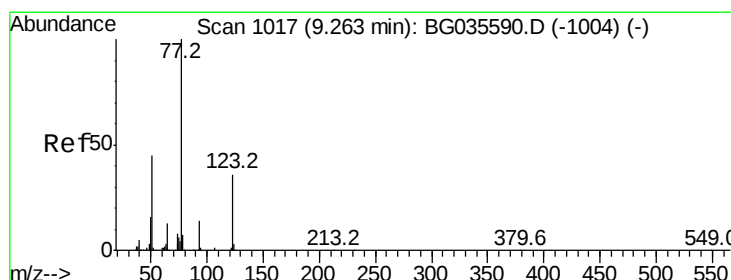
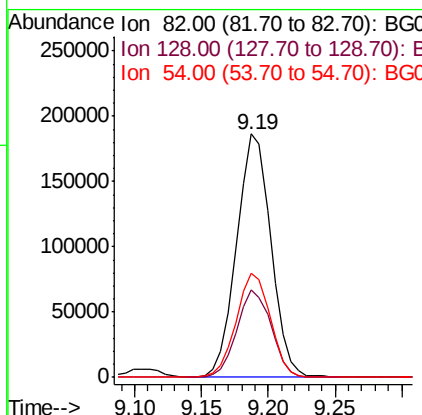
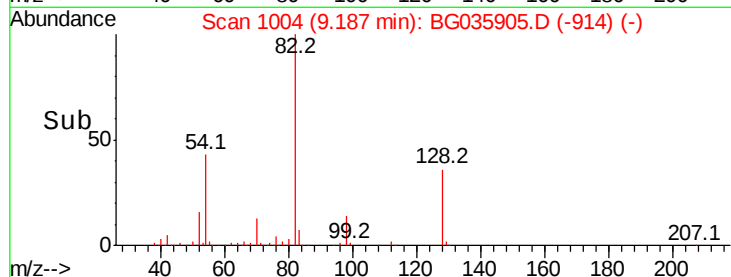
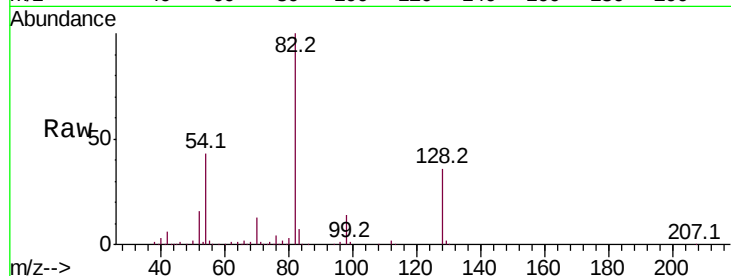
#23
Nitrobenzene-d5
Concen: 94.384 ng
RT: 9.19 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BG035905.D
Acq: 26 Jul 2018 12:03

Instrument :
BNA_G
ClientSampleId :
HR-06-072418-AMSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	35.7	29.7	44.5
54	42.5	43.1	64.7

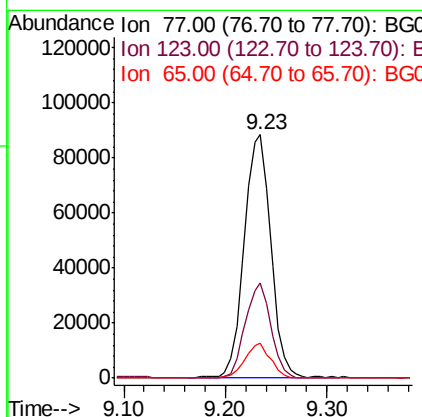
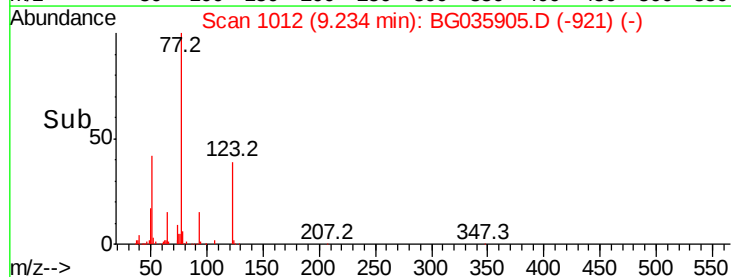
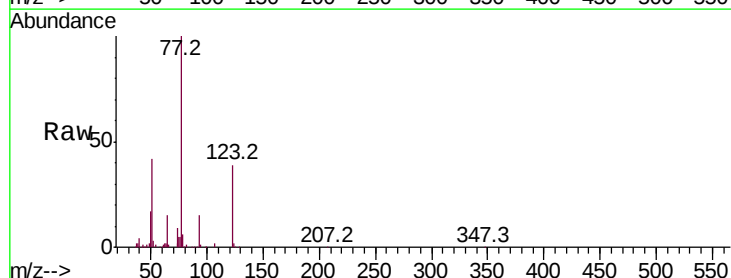
Manual Integrations
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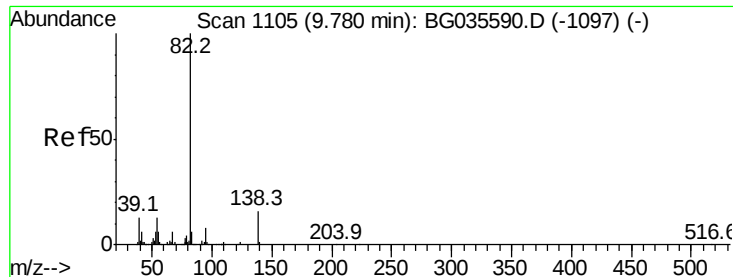
Sohil
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#24
Nitrobenzene
Concen: 45.721 ng
RT: 9.23 min Scan# 1012
Delta R.T. 0.01 min
Lab File: BG035905.D
Acq: 26 Jul 2018 12:03

Tgt Ion	Ratio	Lower	Upper
77	100		
123	39.0	33.0	49.6
65	14.6	13.0	19.6





#25

Isophorone

Concen: 49.064 ng

RT: 9.75 min Scan# 1100

Delta R.T. 0.00 min

Lab File: BG035905.D

Acq: 26 Jul 2018 12:03

Instrument :

BNA_G

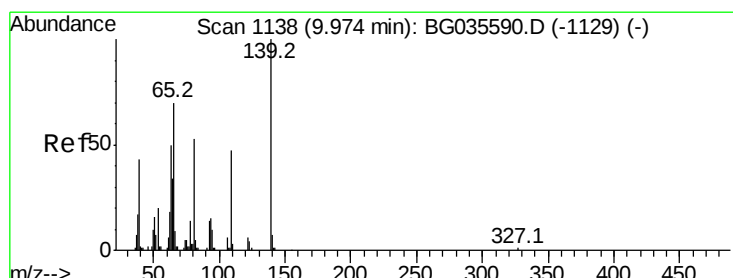
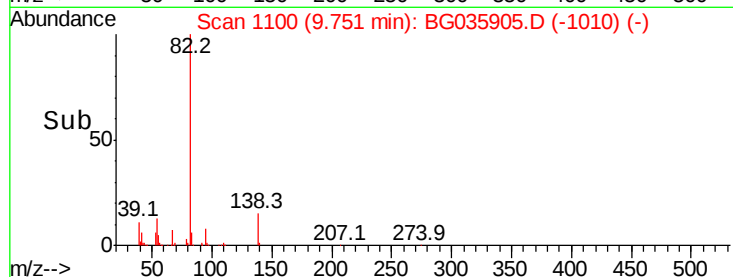
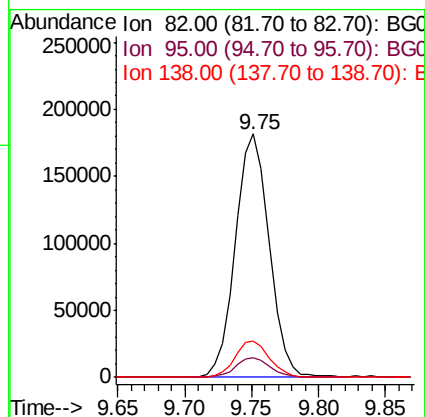
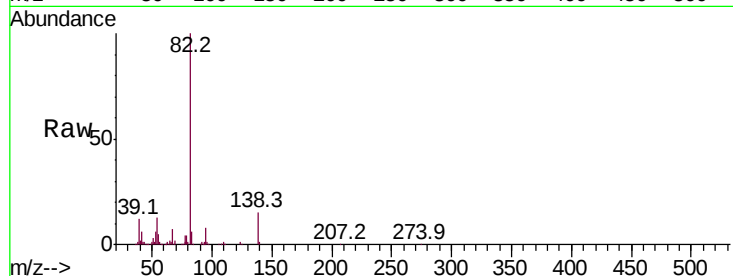
ClientSampleId :

HR-06-072418-AMSD

Tot Ion:	82	Resp:	319823
Ion Ratio	Lower	Upper	
82	100		
95	8.1	6.2	9.2
138	14.8	12.1	18.1

Manual Integrations
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#26

2-Nitrophenol

Concen: 55.158 ng

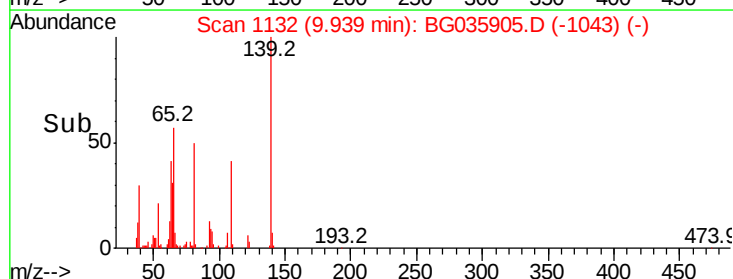
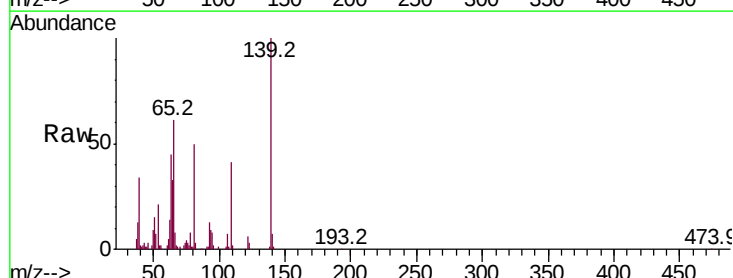
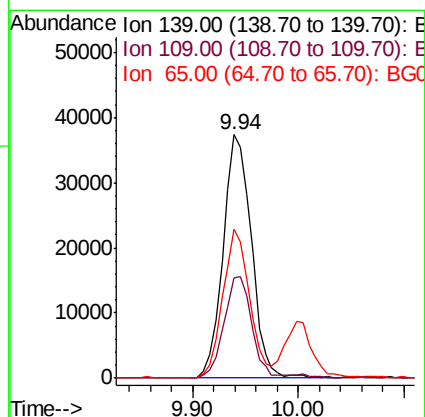
RT: 9.94 min Scan# 1132

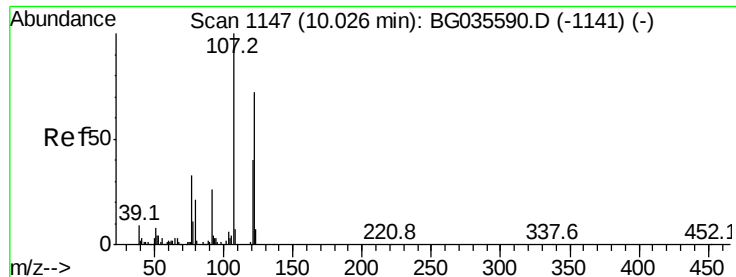
Delta R.T. -0.01 min

Lab File: BG035905.D

Acq: 26 Jul 2018 12:03

Tgt Ion:	139	Resp:	69180
Ion Ratio	Lower	Upper	
139	100		
109	41.1	24.2	36.2#
65	60.9	47.4	71.0





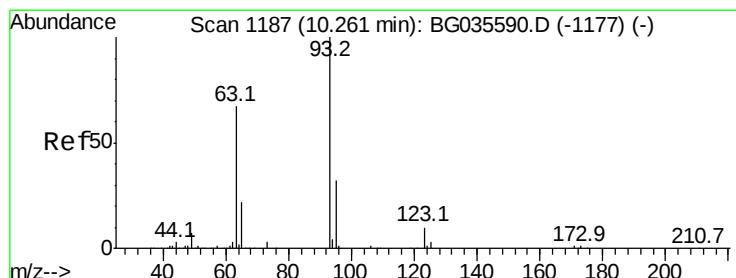
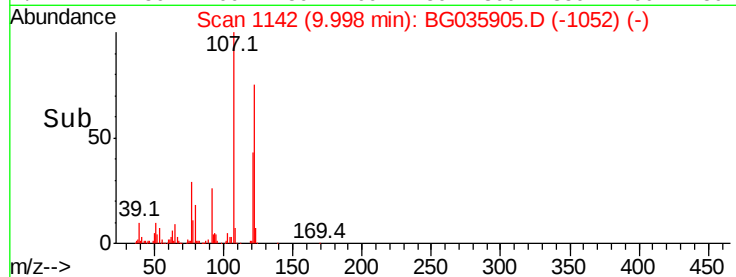
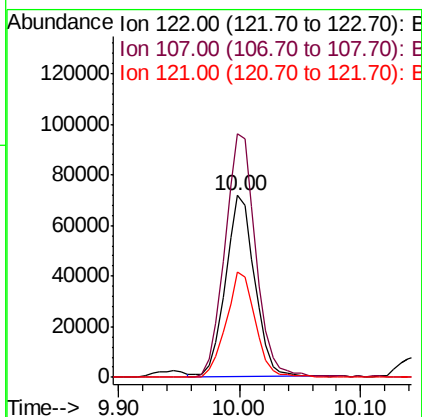
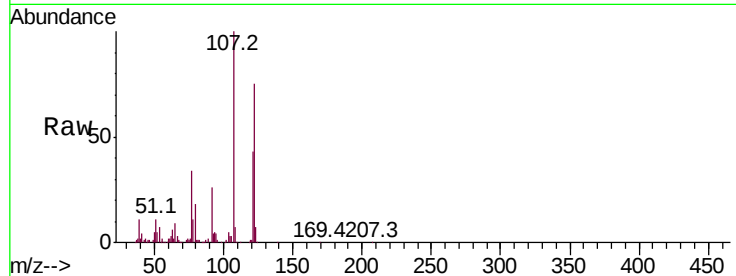
#27
2,4-Dimethylphenol
Concen: 56.448 ng
RT: 10.00 min Scan# 1142
Delta R.T. 0.00 min
Lab File: BG035905.D
Acq: 26 Jul 2018 12:03

Instrument :
BNA_G
ClientSampleId :
HR-06-072418-AMSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	133.8	100.2	150.2
121	57.7	44.4	66.6

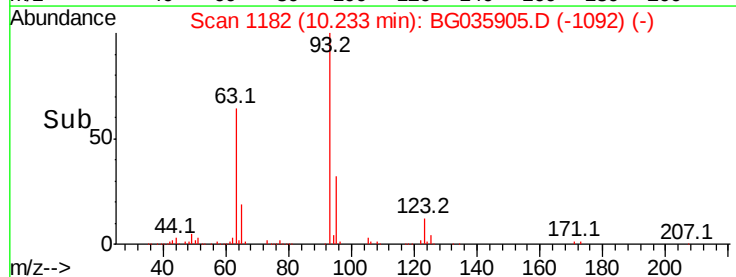
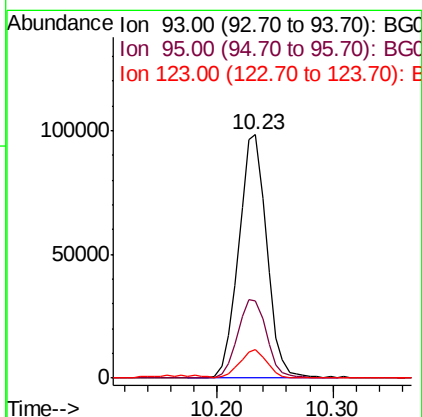
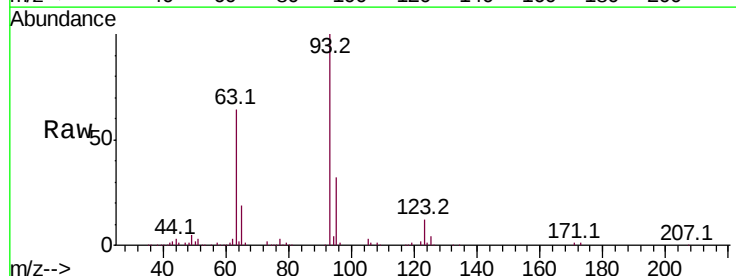
Manual Integrations
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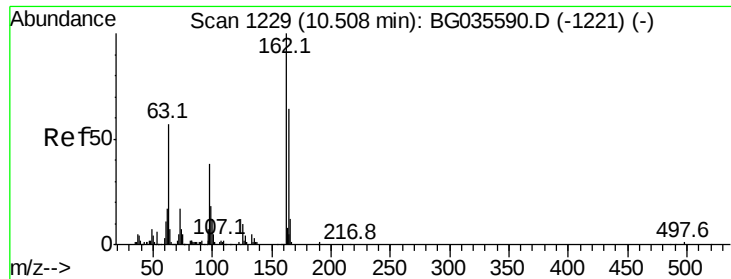
Sohil
7/26/2018 4:59:44 PM



#28
bis(2-Chloroethoxy)methane
Concen: 46.271 ng
RT: 10.23 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BG035905.D
Acq: 26 Jul 2018 12:03

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.8	24.3	36.5
123	11.7	8.4	12.6





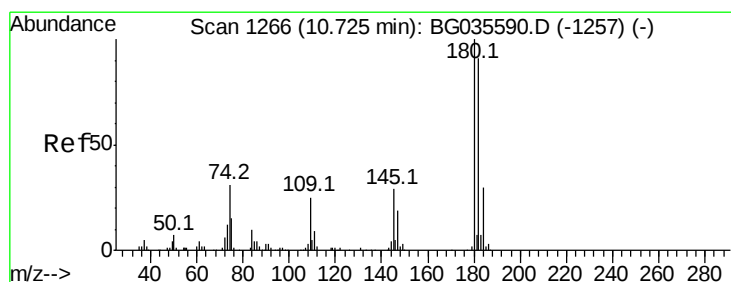
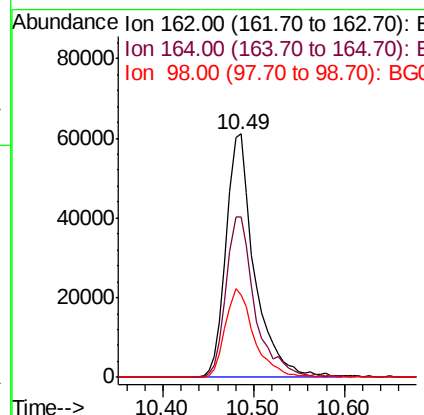
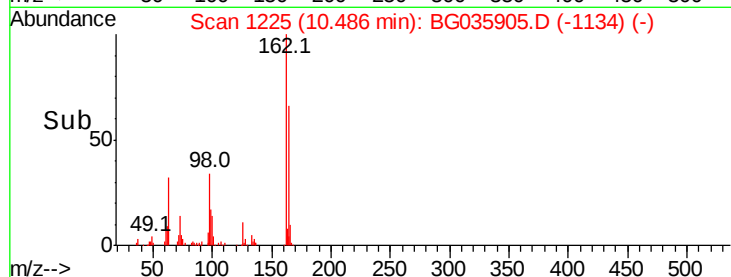
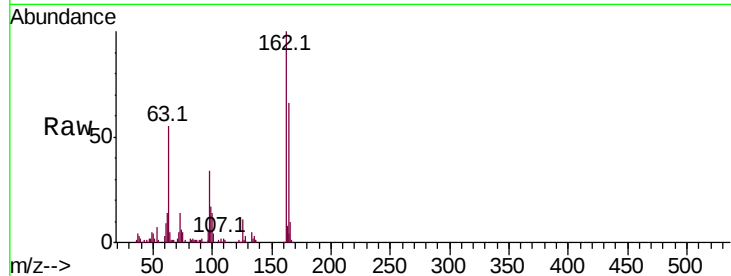
#29
2,4-Dichlorophenol
Concen: 54.874 ng
RT: 10.49 min Scan# 1225
Delta R.T. 0.01 min
Lab File: BG035905.D
Acq: 26 Jul 2018 12:03

Instrument :
BNA_G
ClientSampleId :
HR-06-072418-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	65.7	48.0	88.0	
98	33.7	21.1	61.1	

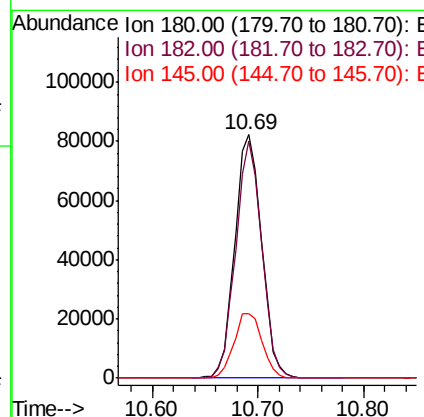
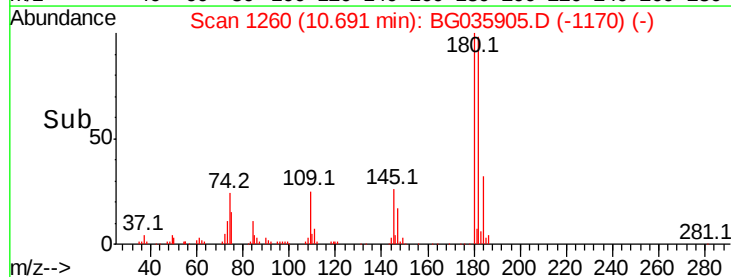
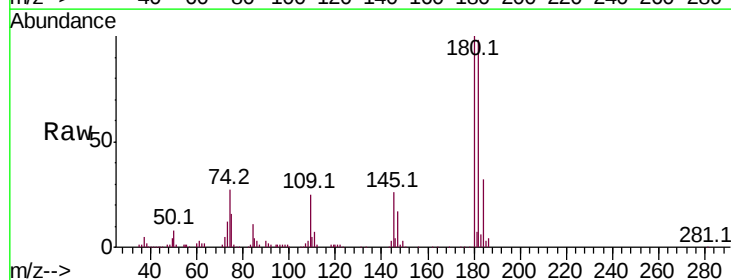
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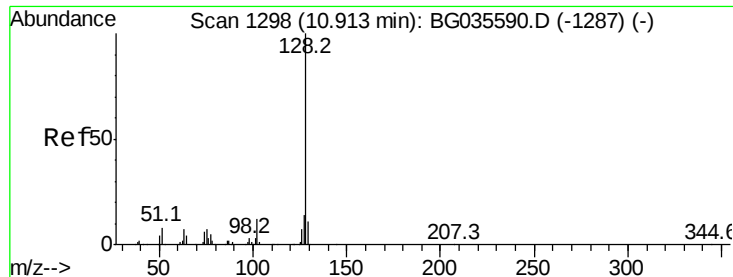
Sohil
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#30
1,2,4-Trichlorobenzene
Concen: 48.404 ng
RT: 10.69 min Scan# 1260
Delta R.T. 0.00 min
Lab File: BG035905.D
Acq: 26 Jul 2018 12:03

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	97.6	77.5	116.3	
145	26.5	23.4	35.2	





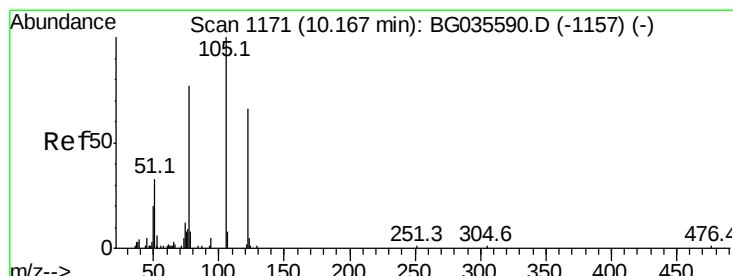
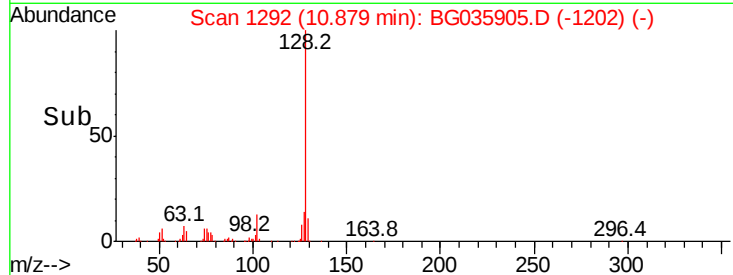
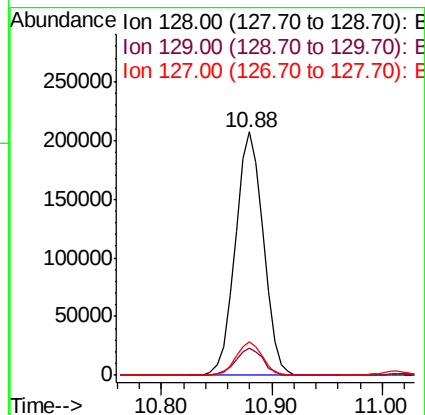
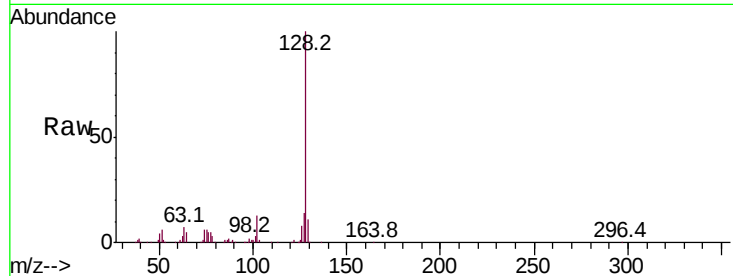
#31
Naphthalene
Concen: 48.259 ng
RT: 10.88 min Scan# 1292
Delta R.T. 0.00 min
Lab File: BG035905.D
Acq: 26 Jul 2018 12:03

Instrument :
BNA_G
ClientSampleId :
HR-06-072418-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.1	8.6	12.8	
127	13.7	11.6	17.4	

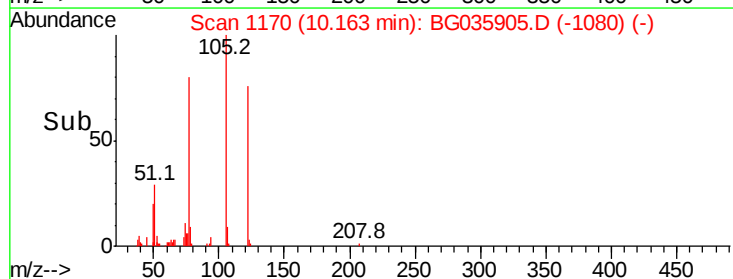
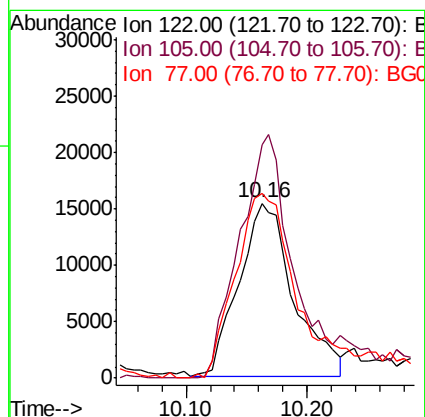
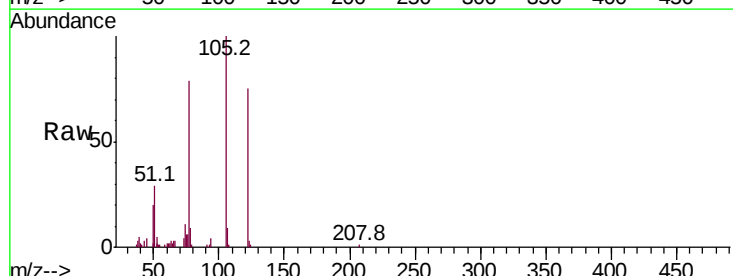
Manual Integrations
APPROVED

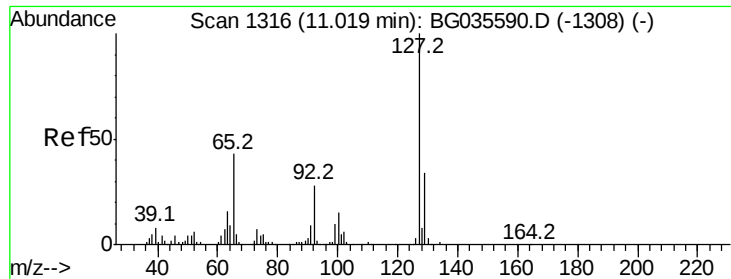
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#32
Benzoic acid
Concen: 33.841 ng
RT: 10.16 min Scan# 1170
Delta R.T. 0.00 min
Lab File: BG035905.D
Acq: 26 Jul 2018 12:03

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	133.6	123.5	163.5	
77	106.1	85.7	125.7	





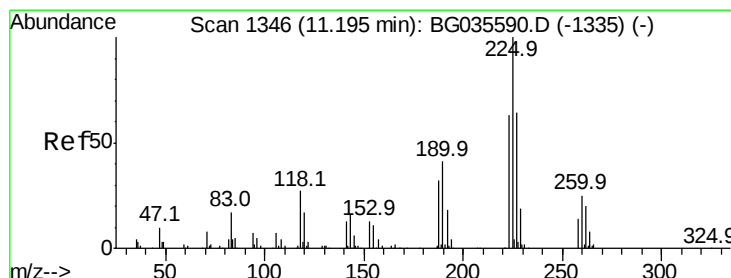
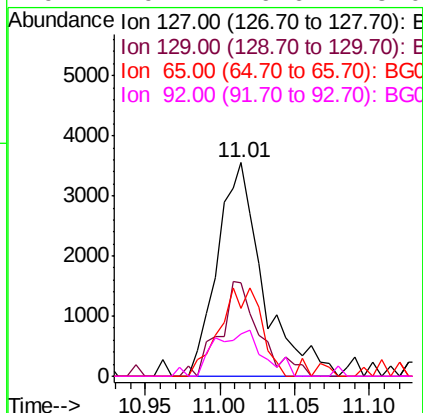
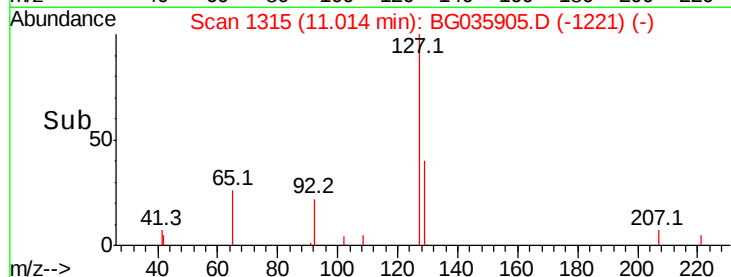
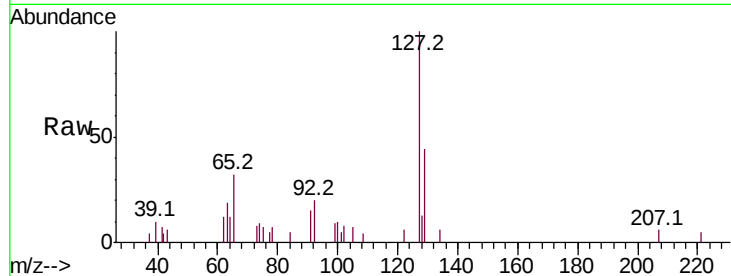
#33
4-Chloroaniline
Concen: 2.271 ng
RT: 11.01 min Scan# 1315
Delta R.T. 0.02 min
Lab File: BG035905.D
Acq: 26 Jul 2018 12:03

Instrument :
BNA_G
ClientSampleId :
HR-06-072418-AMSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	44.0	24.0	36.0#
65	31.8	27.0	40.4
92	19.7	16.6	25.0

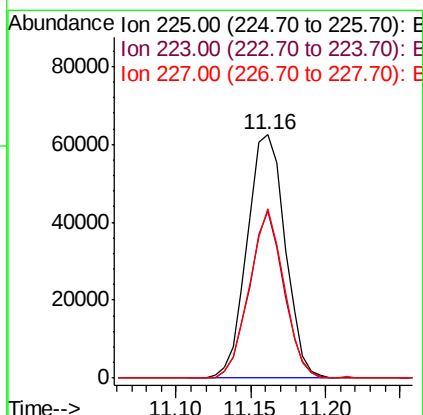
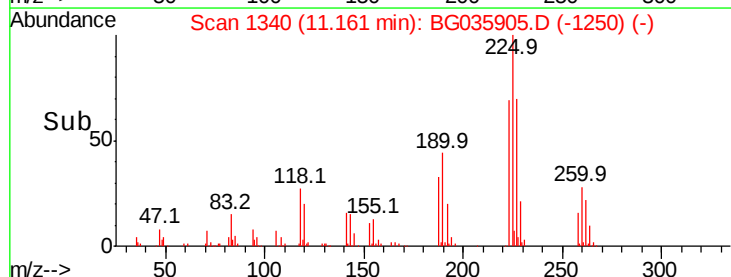
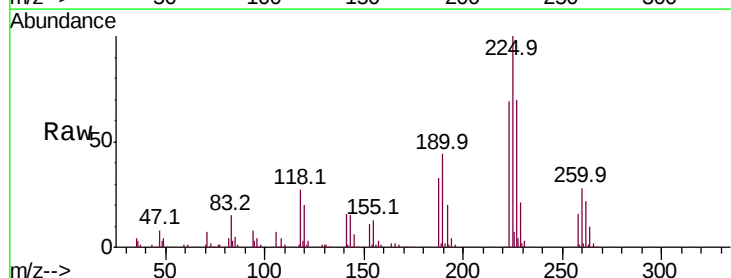
Manual Integrations
APPROVED

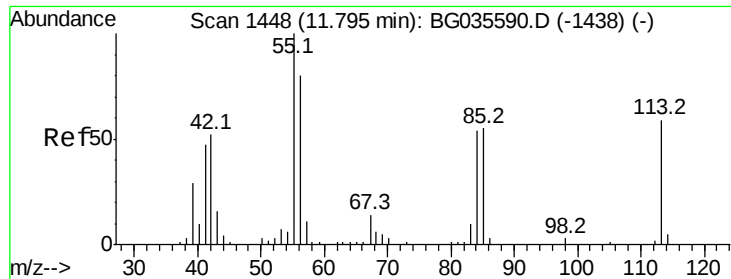
Sohil
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#34
Hexachlorobutadiene
Concen: 47.309 ng
RT: 11.16 min Scan# 1340
Delta R.T. 0.00 min
Lab File: BG035905.D
Acq: 26 Jul 2018 12:03

Tgt Ion	Ratio	Lower	Upper
225	100		
223	68.5	49.7	74.5
227	69.5	48.1	72.1





#35

Caprolactam

Concen: 36.758 ng/mL

RT: 11.78 min Scan# 1445

Delta R.T. 0.01 min

Lab File: BG035905.D

Acq: 26 Jul 2018 12:03

Instrument :

BNA_G

ClientSampleId :

HR-06-072418-AMSD

Tot Ion:113 Resp: 38228

Ion Ratio Lower Upper

113 100

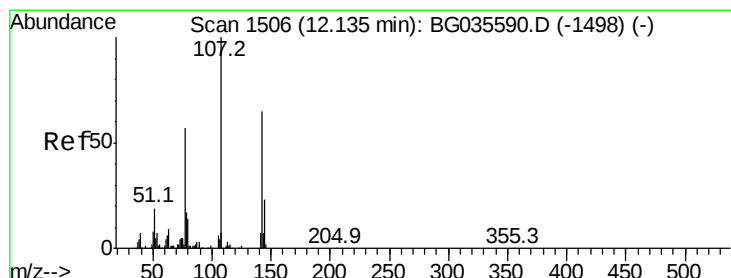
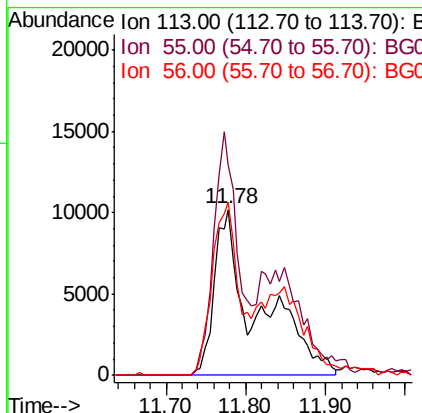
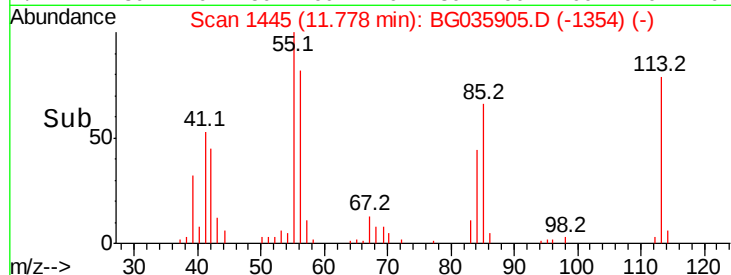
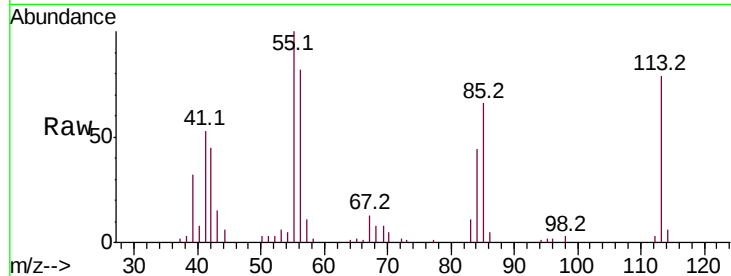
55 126.6 186.9 226.9#

56 104.4 130.9 170.9#

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 52.328 ng/mL

RT: 12.11 min Scan# 1502

Delta R.T. 0.00 min

Lab File: BG035905.D

Acq: 26 Jul 2018 12:03

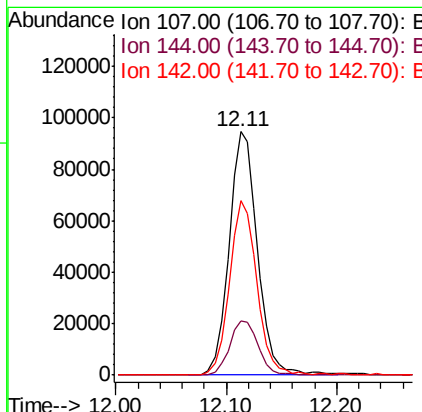
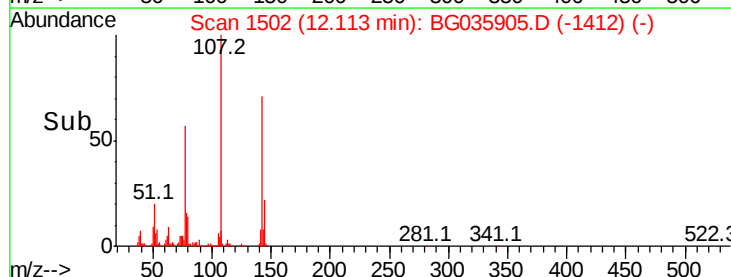
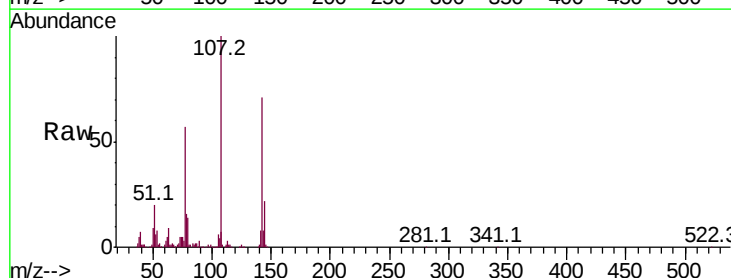
Tgt Ion:107 Resp: 169986

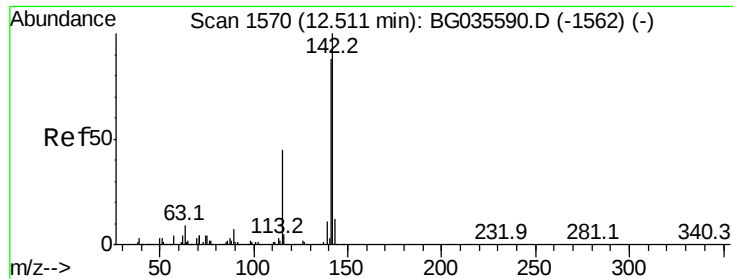
Ion Ratio Lower Upper

107 100

144 22.3 18.2 27.4

142 71.4 59.0 88.4





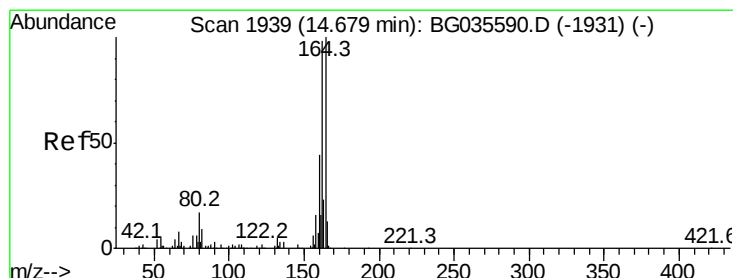
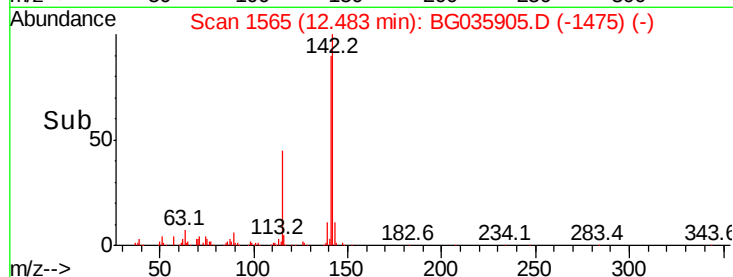
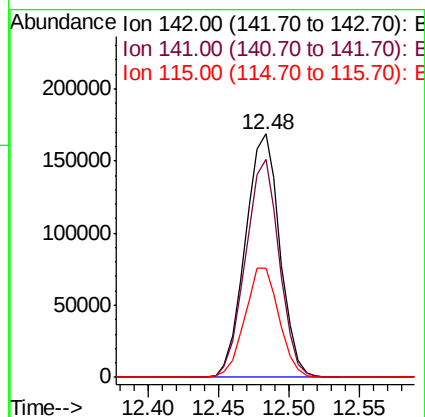
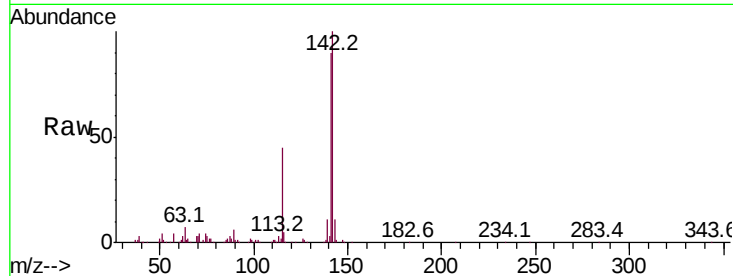
#37
 2-Methylnaphthalene
 Concen: 50.937 ng
 RT: 12.48 min Scan# 1565
 Delta R.T. 0.00 min
 Lab File: BG035905.D
 Acq: 26 Jul 2018 12:03

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-072418-AMSD

Tot Ion	Ratio	Resp Lower	Upper
142	100		
141	89.5	67.1	100.7
115	44.9	30.7	46.1

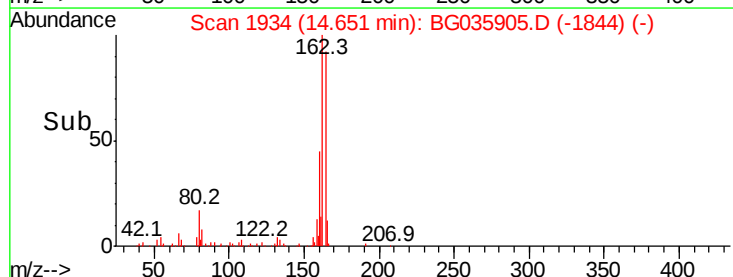
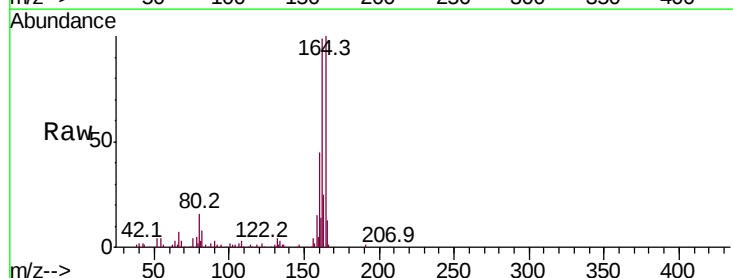
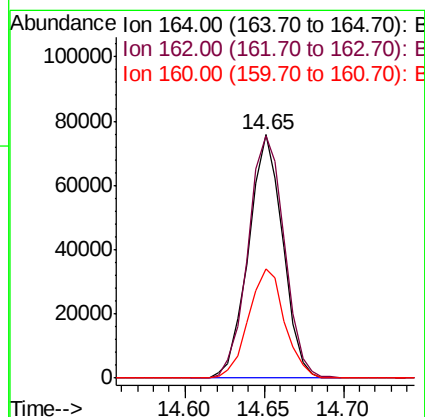
Manual Integrations
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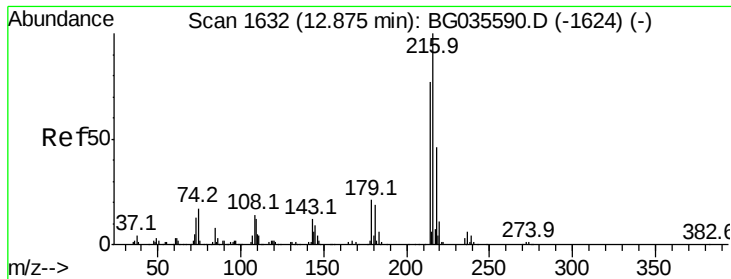
Sohil
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. 0.00 min
 Lab File: BG035905.D
 Acq: 26 Jul 2018 12:03

Tgt Ion	Ratio	Resp Lower	Upper
164	100		
162	99.4	78.8	118.2
160	44.9	35.4	53.0





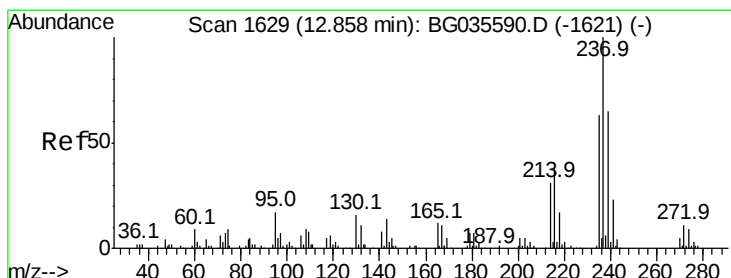
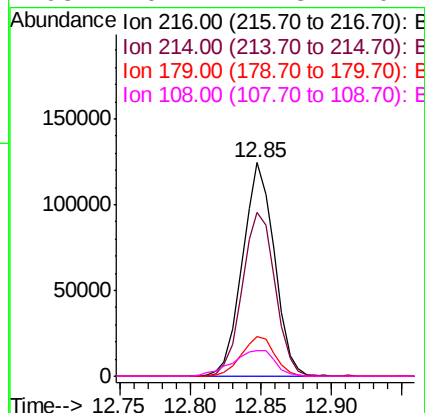
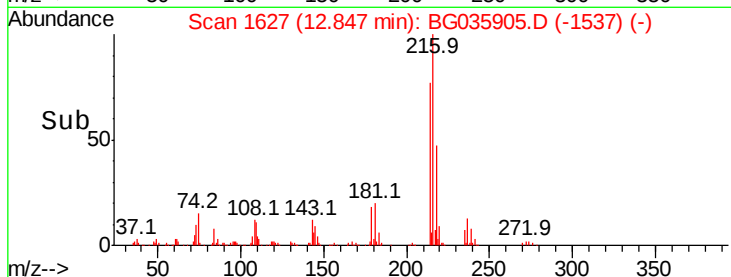
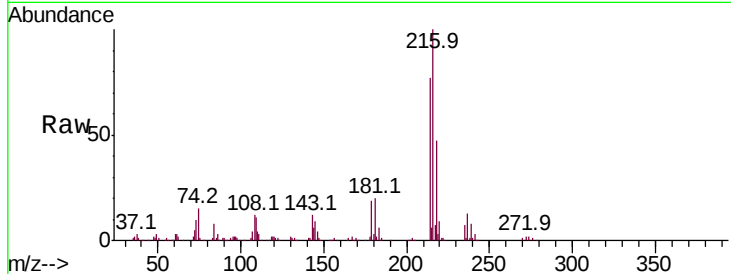
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.833 ng
 RT: 12.85 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: BG035905.D
 Acq: 26 Jul 2018 12:03

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-072418-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	196644		
214	78.6	63.0	94.4	
179	19.5	17.0	25.6	
108	16.4	12.8	19.2	

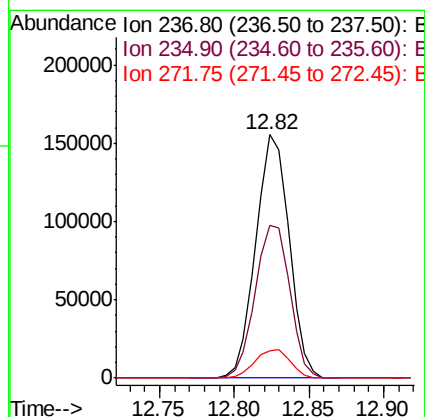
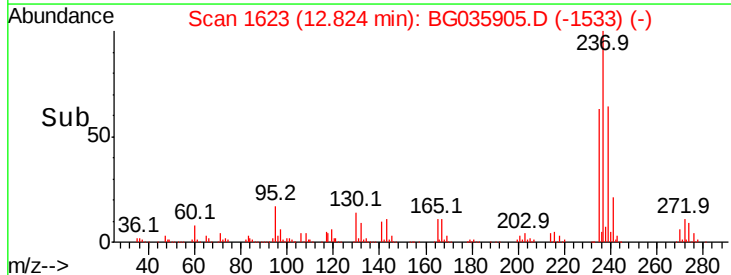
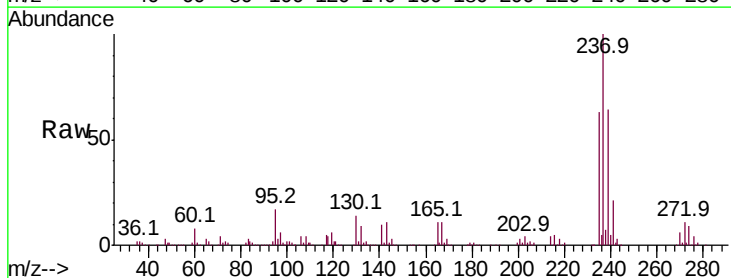
Manual Integrations
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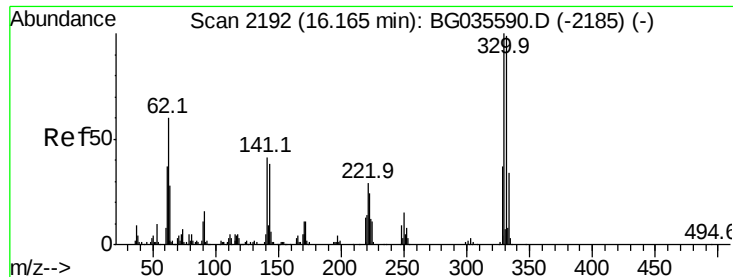
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#40
 Hexachlorocyclopentadiene
 Concen: 106.716 ng
 RT: 12.82 min Scan# 1623
 Delta R.T. 0.00 min
 Lab File: BG035905.D
 Acq: 26 Jul 2018 12:03

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	240121		
235	62.6	50.4	90.4	
272	11.1	0.0	31.8	





#41

2,4,6-Tribromophenol

Concen: 167.646 ng

RT: 16.14 min Scan# 2188

Delta R.T. 0.00 min

Lab File: BG035905.D

Acq: 26 Jul 2018 12:03

Instrument :

BNA_G

ClientSampleId :

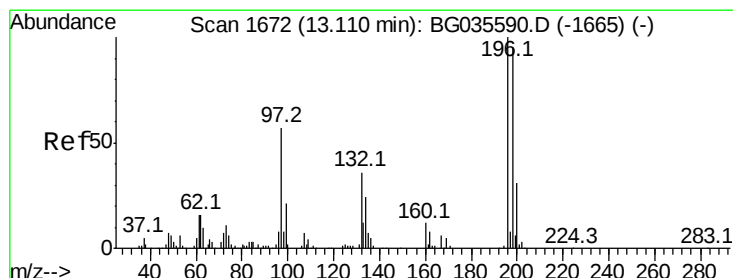
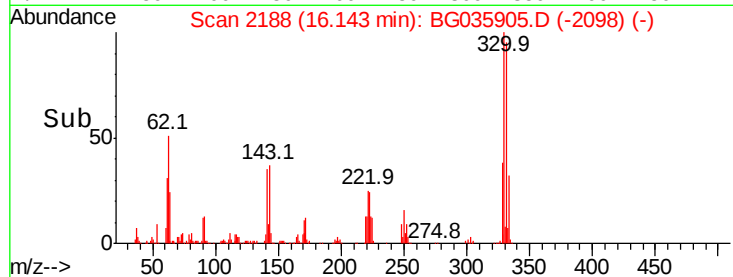
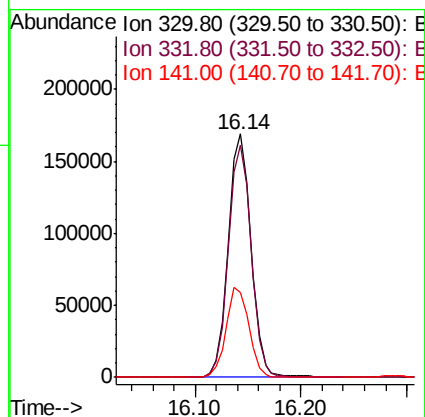
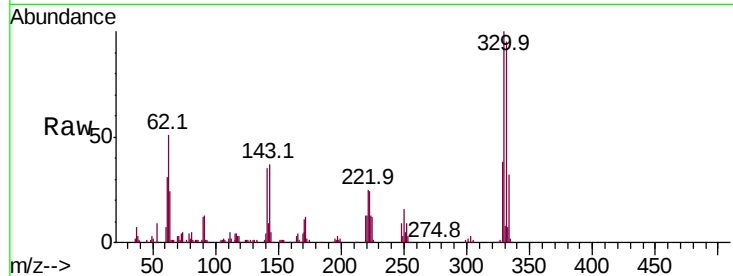
HR-06-072418-AMSD

Tot Ion:	330	Resp:	251183
Ion Ratio	Lower	Upper	
330	100		
332	95.7	77.0	115.6
141	37.4	25.2	37.8

Manual Integrations
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#42

2,4,6-Trichlorophenol

Concen: 52.446 ng

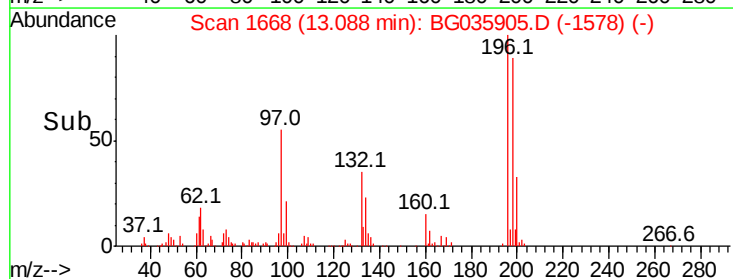
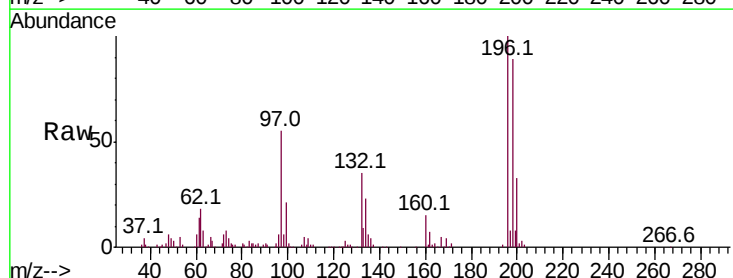
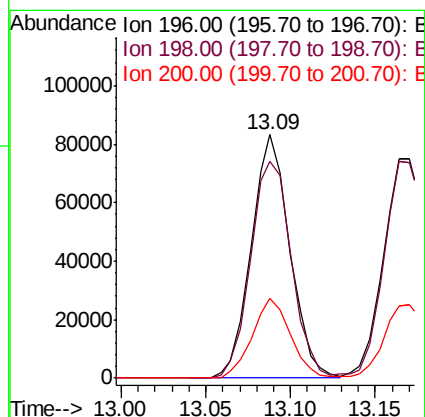
RT: 13.09 min Scan# 1668

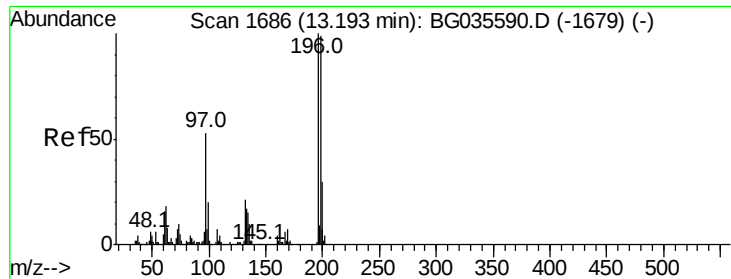
Delta R.T. 0.00 min

Lab File: BG035905.D

Acq: 26 Jul 2018 12:03

Tgt Ion:	196	Resp:	131591
Ion Ratio	Lower	Upper	
196	100		
198	88.9	78.2	117.2
200	33.0	24.6	36.8





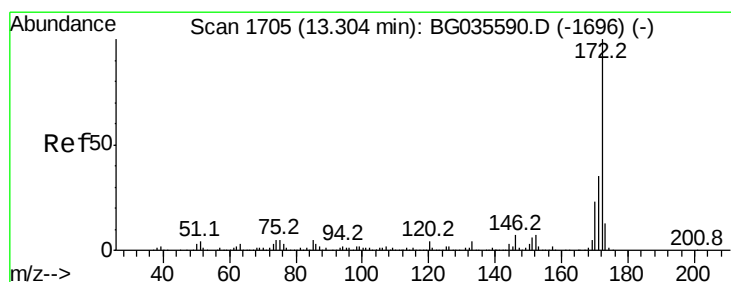
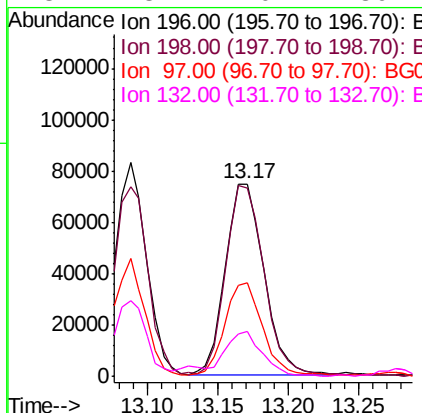
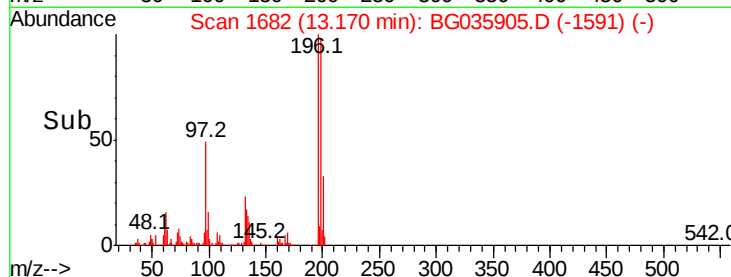
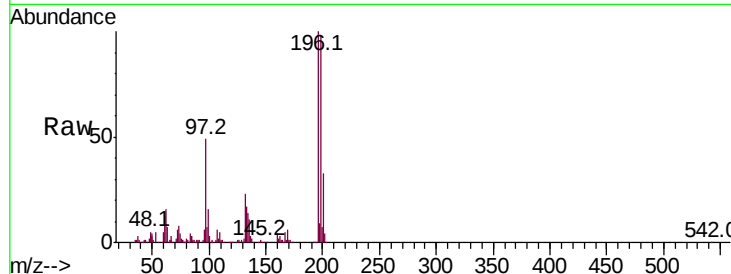
#43
2,4,5-Trichlorophenol
Concen: 50.665 ng
RT: 13.17 min Scan# 1682
Delta R.T. 0.01 min
Lab File: BG035905.D
Acq: 26 Jul 2018 12:03

Instrument :
BNA_G
ClientSampleId :
HR-06-072418-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	142211		
198	98.1	76.2	114.4	
97	48.6	38.7	58.1	
132	23.2	20.2	30.2	

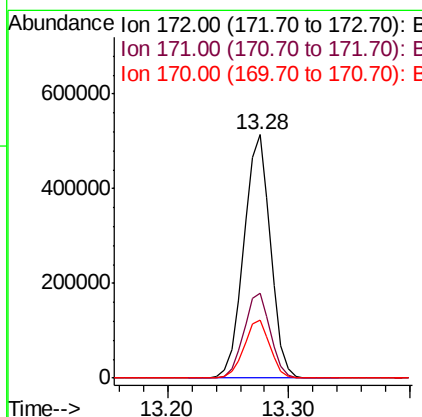
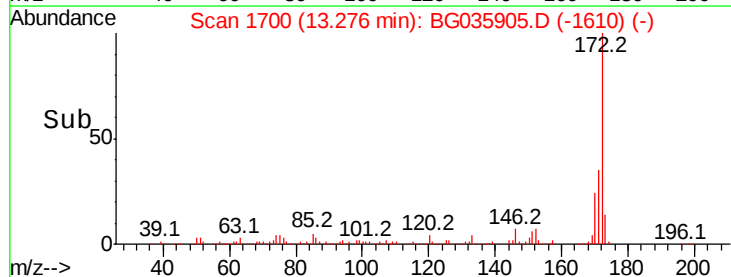
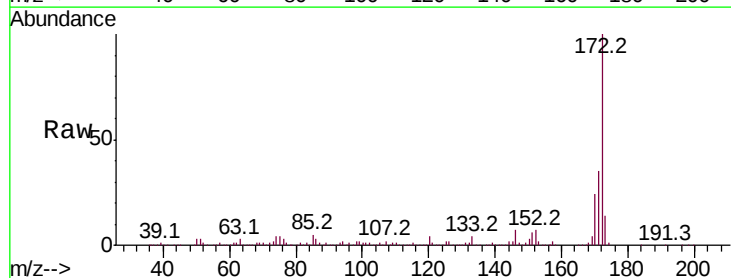
Manual Integrations
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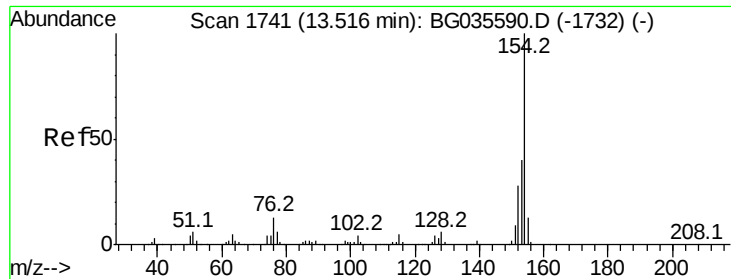
Sohil
7/26/2018 4:59:44 PM



#44
2-Fluorobiphenyl
Concen: 92.885 ng
RT: 13.28 min Scan# 1700
Delta R.T. 0.00 min
Lab File: BG035905.D
Acq: 26 Jul 2018 12:03

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	788111		
171	35.0	30.0	45.0	
170	23.7	19.5	29.3	





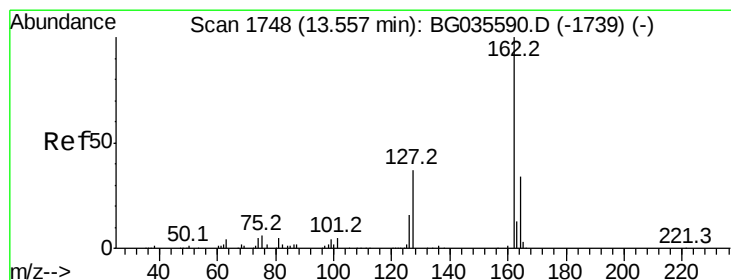
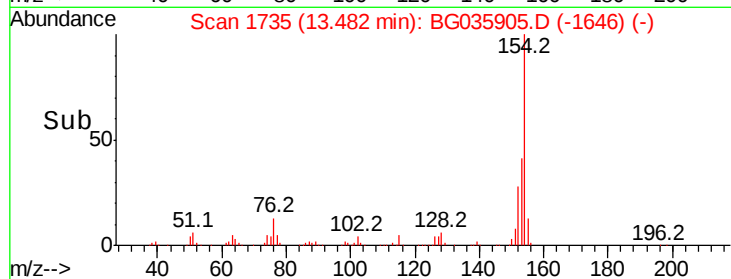
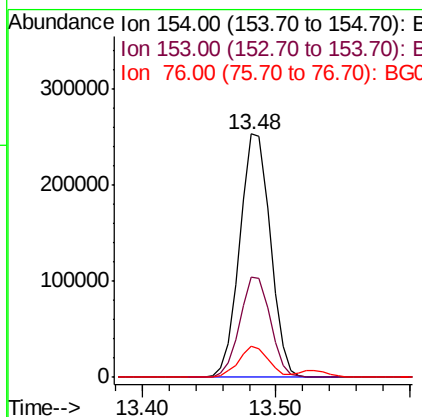
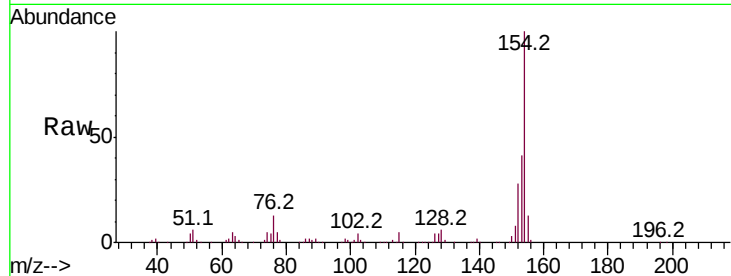
#45
 1,1'-Biphenyl
 Concen: 45.497 ng
 RT: 13.48 min Scan# 1735
 Delta R.T. -0.01 min
 Lab File: BG035905.D
 Acq: 26 Jul 2018 12:03

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-072418-AMSD

Tot Ion:	154	Resp:	400966
Ion Ratio	Lower	Upper	
154	100		
153	41.1	19.8	59.8
76	12.9	0.0	31.9

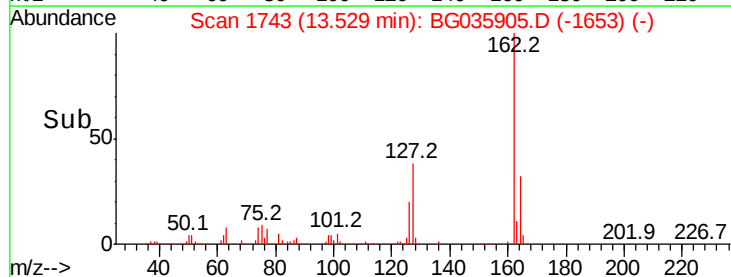
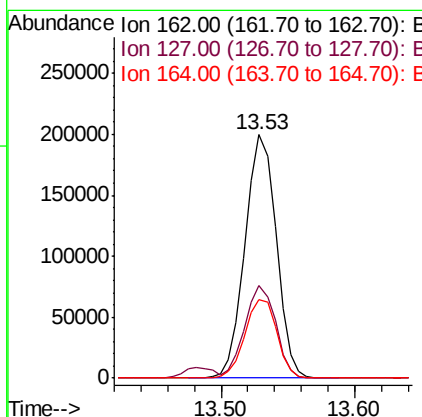
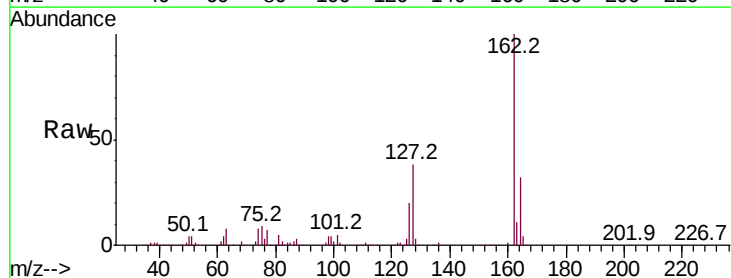
Manual Integrations
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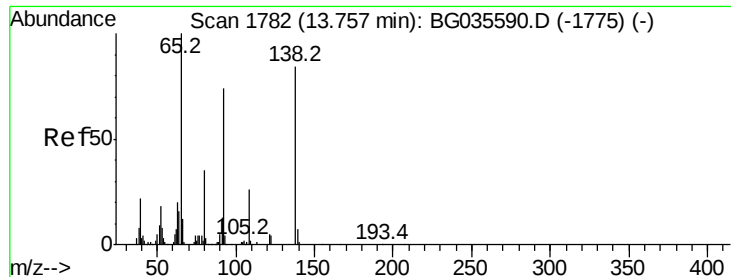
Sohil
 7/26/2018 4:59:44 PM



#46
 2-Chloronaphthalene
 Concen: 47.074 ng
 RT: 13.53 min Scan# 1743
 Delta R.T. 0.00 min
 Lab File: BG035905.D
 Acq: 26 Jul 2018 12:03

Tgt Ion:	162	Resp:	322703
Ion Ratio	Lower	Upper	
162	100		
127	37.9	30.7	46.1
164	32.5	26.0	39.0





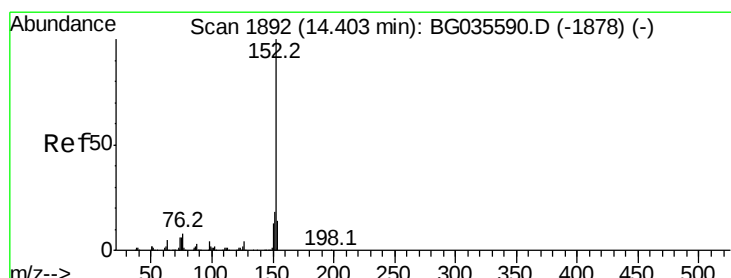
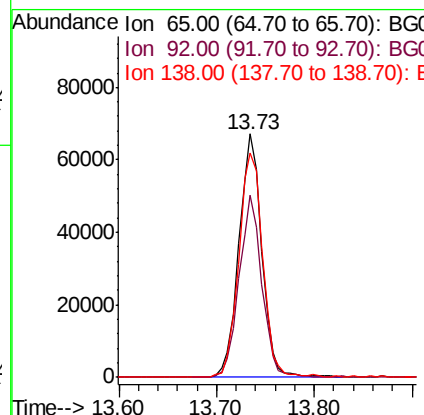
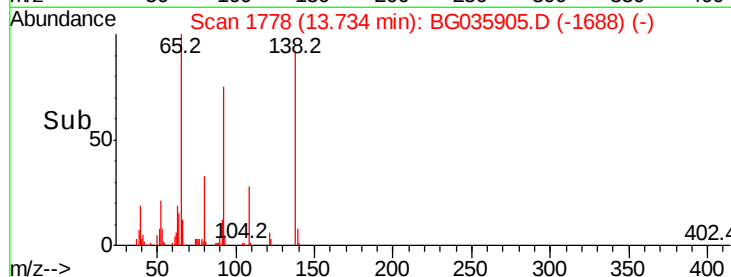
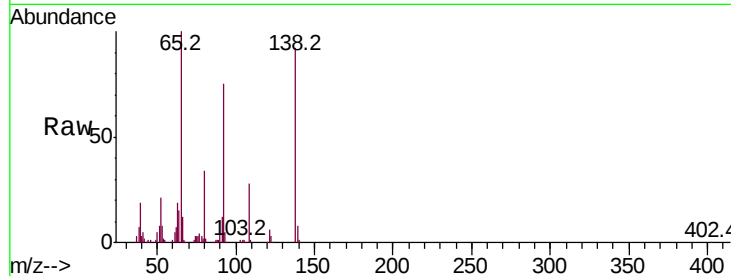
#47
2-Nitroaniline
Concen: 45.058 ng
RT: 13.73 min Scan# 1778
Delta R.T. 0.00 min
Lab File: BG035905.D
Acq: 26 Jul 2018 12:03

Instrument :
BNA_G
ClientSampleId :
HR-06-072418-AMSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	74.6	54.6	82.0
138	92.2	72.9	109.3

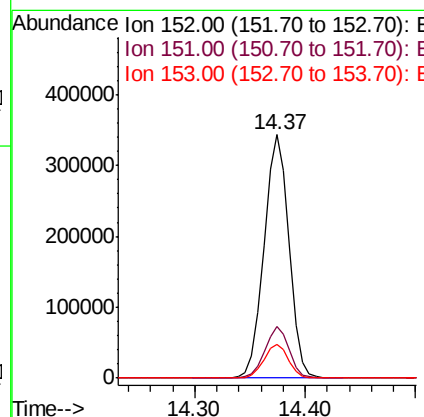
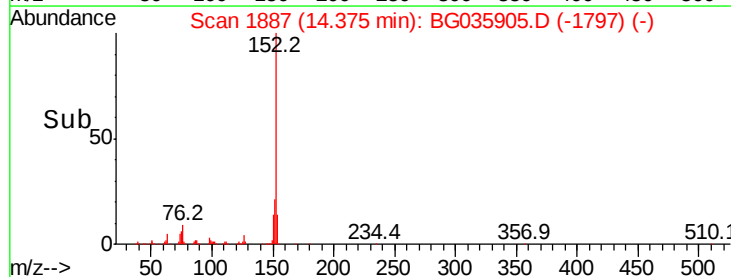
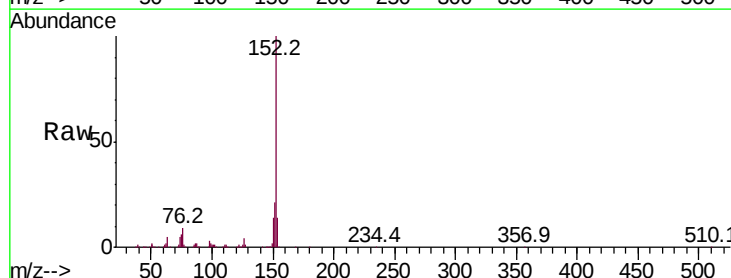
Manual Integrations
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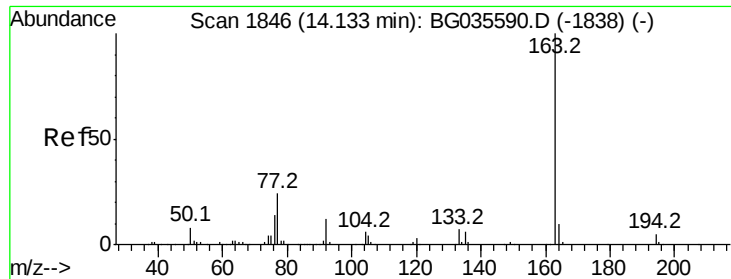
Sohil
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#48
Acenaphthylene
Concen: 47.379 ng
RT: 14.37 min Scan# 1887
Delta R.T. 0.00 min
Lab File: BG035905.D
Acq: 26 Jul 2018 12:03

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.0	17.2	25.8
153	13.7	10.2	15.4





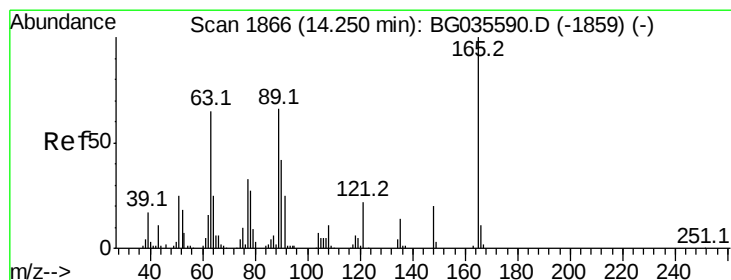
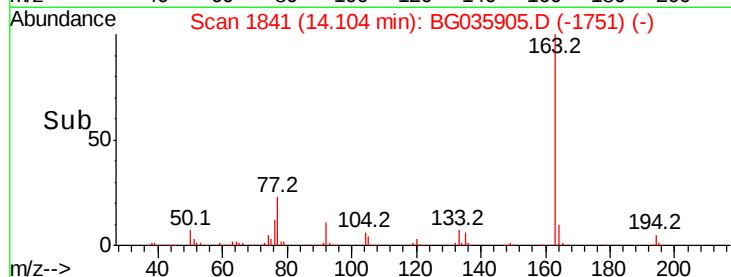
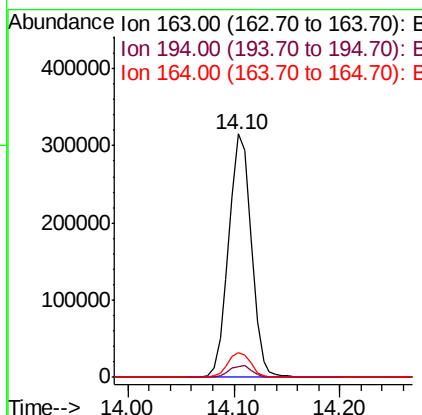
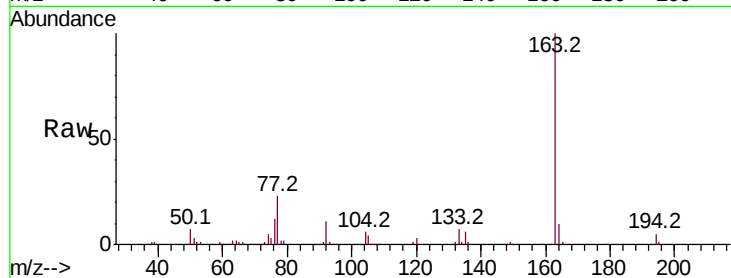
#49
Dimethylphthalate
Concen: 46.902 ng
RT: 14.10 min Scan# 1841
Delta R.T. 0.00 min
Lab File: BG035905.D
Acq: 26 Jul 2018 12:03

Instrument :
BNA_G
ClientSampleId :
HR-06-072418-AMSD

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.4	5.2
164	10.4	8.2	12.4

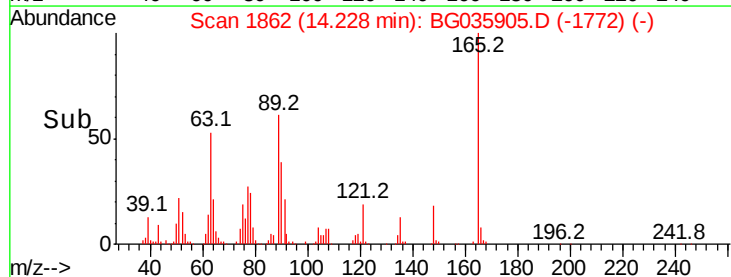
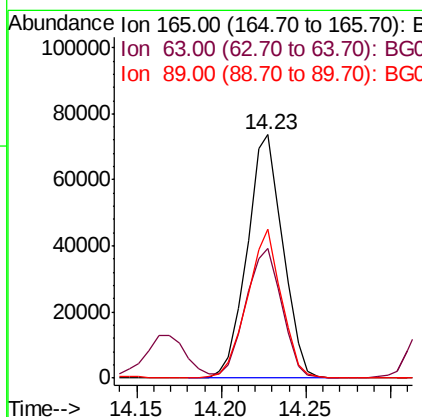
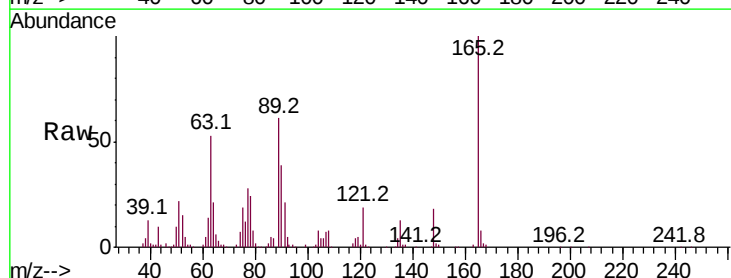
Manual Integrations
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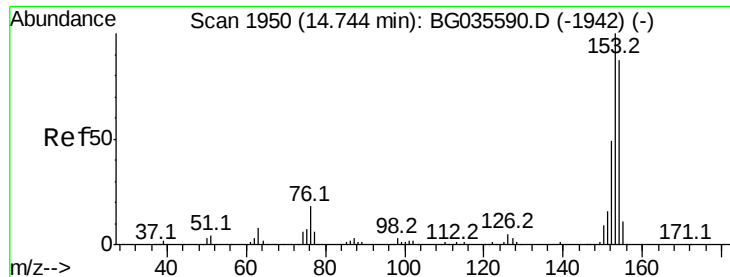
Sohil
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#50
2,6-Dinitrotoluene
Concen: 53.450 ng
RT: 14.23 min Scan# 1862
Delta R.T. 0.00 min
Lab File: BG035905.D
Acq: 26 Jul 2018 12:03

Tgt Ion	Ratio	Lower	Upper
165	100		
63	53.4	52.7	79.1
89	61.3	49.2	73.8





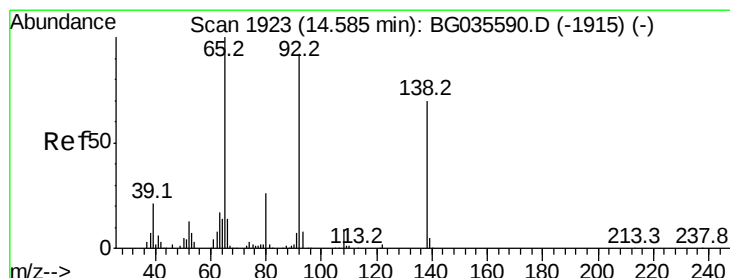
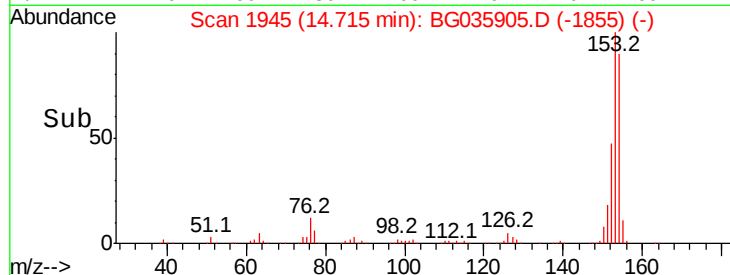
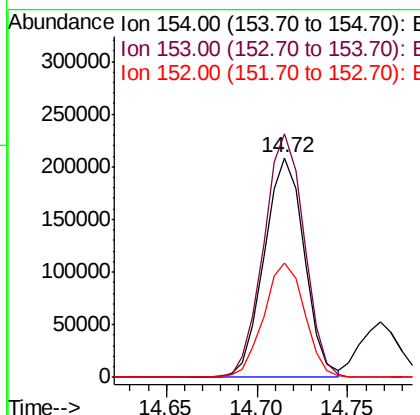
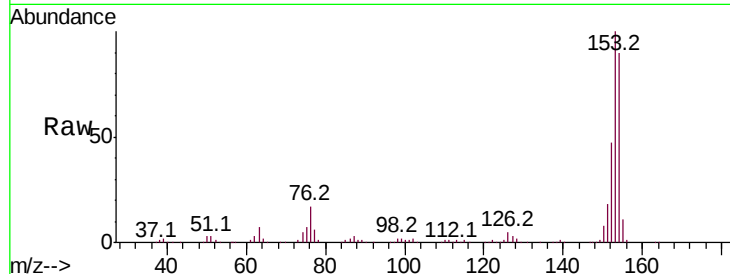
#51
Acenaphthene
Concen: 45.048 ng
RT: 14.72 min Scan# 1945
Delta R.T. 0.00 min
Lab File: BG035905.D
Acq: 26 Jul 2018 12:03

Instrument :
BNA_G
ClientSampleId :
HR-06-072418-AMSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	110.8	90.4	135.6
152	51.9	41.6	62.4

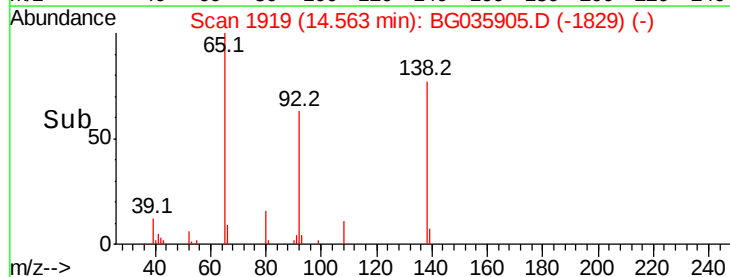
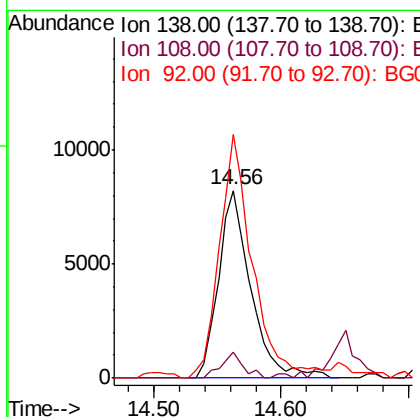
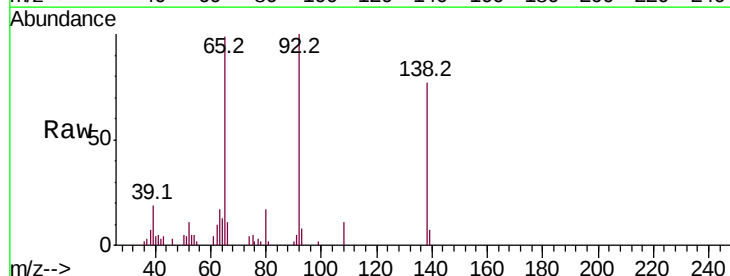
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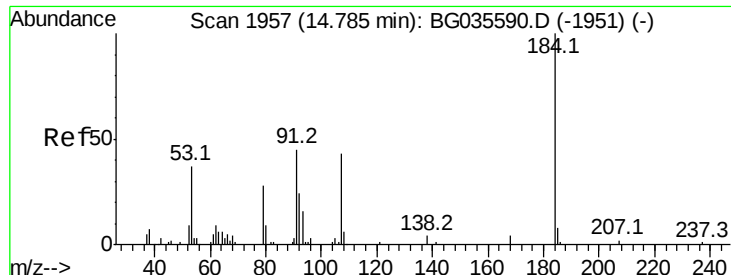
Sohil
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#52
3-Nitroaniline
Concen: 7.026 ng
RT: 14.56 min Scan# 1919
Delta R.T. 0.00 min
Lab File: BG035905.D
Acq: 26 Jul 2018 12:03

Tgt Ion	Ratio	Lower	Upper
138	100		
108	14.0	17.5	26.3#
92	129.8	105.8	158.8





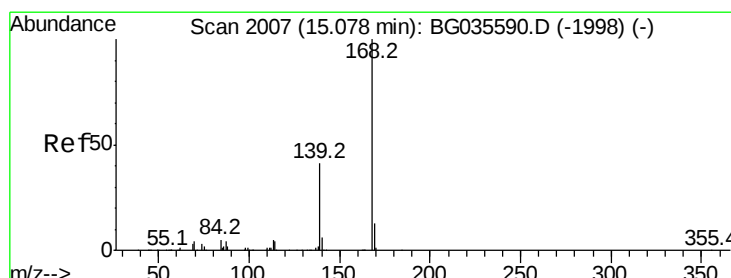
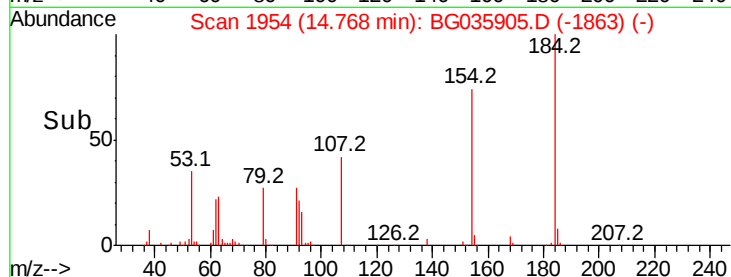
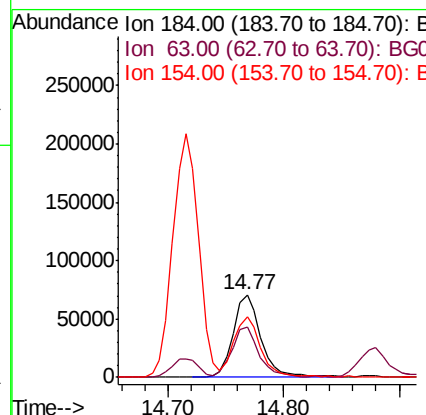
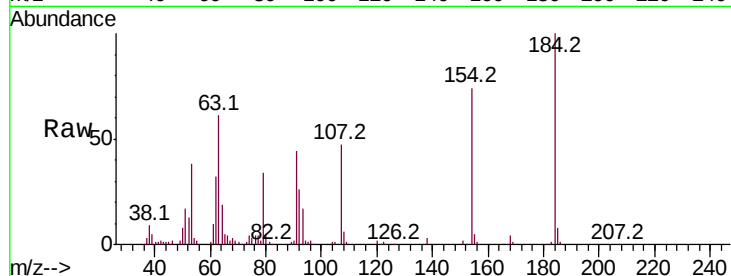
#53
2,4-Dinitrophenol
Concen: 110.104 ng
RT: 14.77 min Scan# 1954
Delta R.T. 0.01 min
Lab File: BG035905.D
Acq: 26 Jul 2018 12:03

Instrument :
BNA_G
ClientSampleId :
HR-06-072418-AMSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	61.0	59.8	89.8
154	73.6	101.8	152.8#

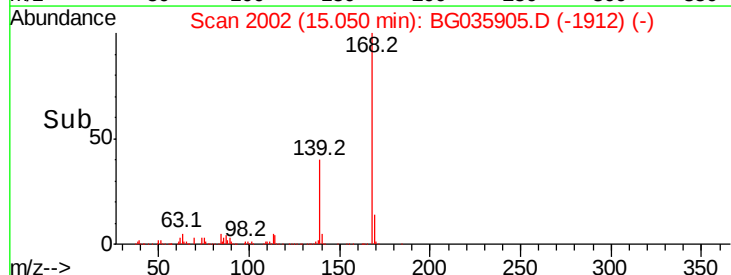
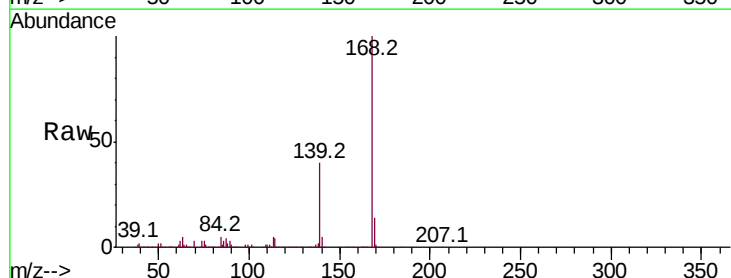
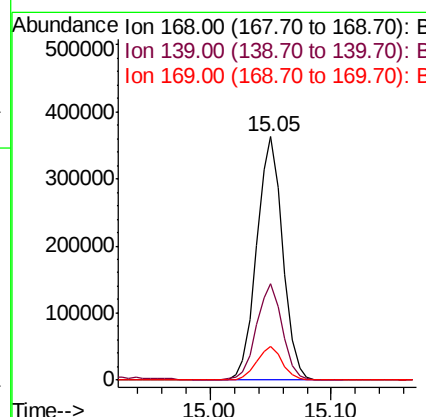
Manual Integrations
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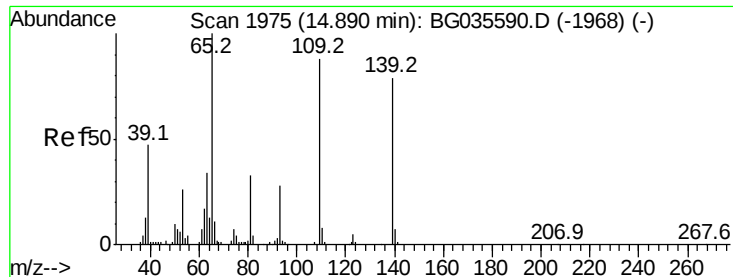
Sohil
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#54
Dibenzofuran
Concen: 47.695 ng
RT: 15.05 min Scan# 2002
Delta R.T. 0.00 min
Lab File: BG035905.D
Acq: 26 Jul 2018 12:03

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.6	28.6	43.0
169	13.9	11.2	16.8





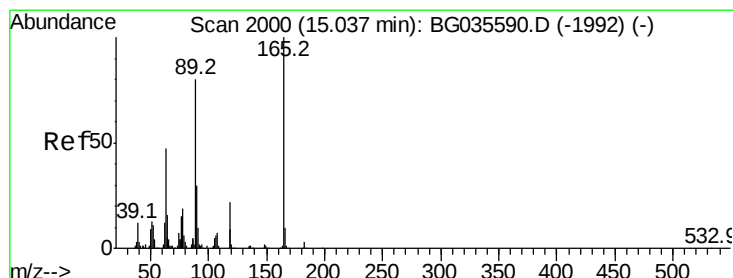
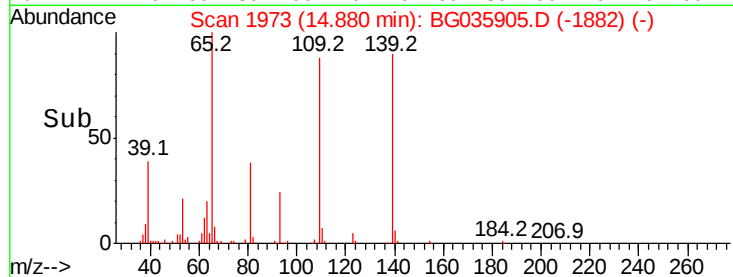
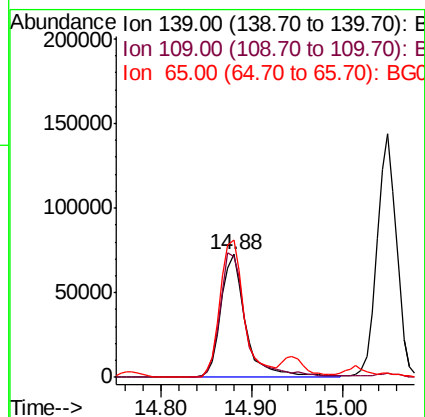
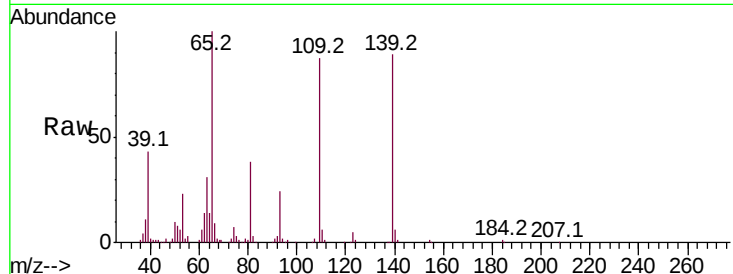
#55
4-Nitrophenol
Concen: 93.900 ng
RT: 14.88 min Scan# 1973
Delta R.T. 0.01 min
Lab File: BG035905.D
Acq: 26 Jul 2018 12:03

Instrument :
BNA_G
ClientSampleId :
HR-06-072418-AMSD

Tot Ion	Ratio	Lower	Upper
139	100		
109	97.6	62.2	102.2
65	111.9	97.2	137.2

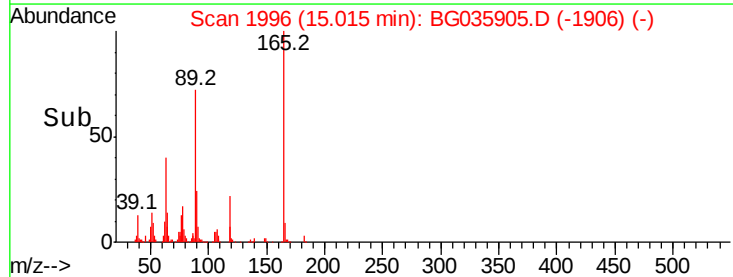
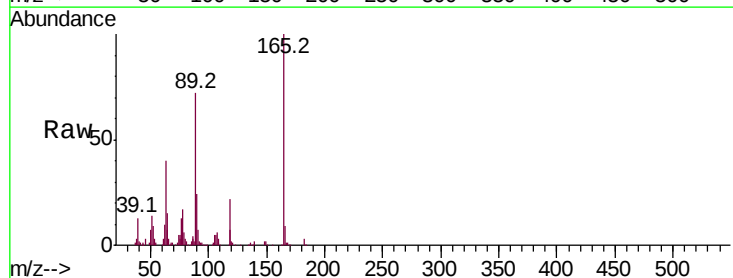
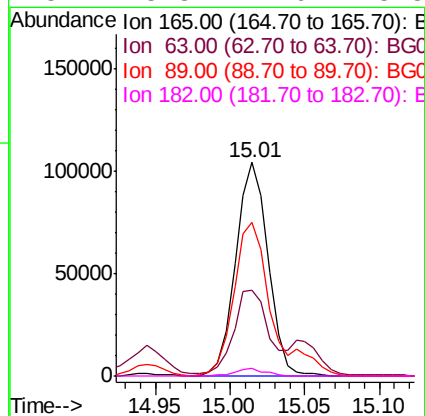
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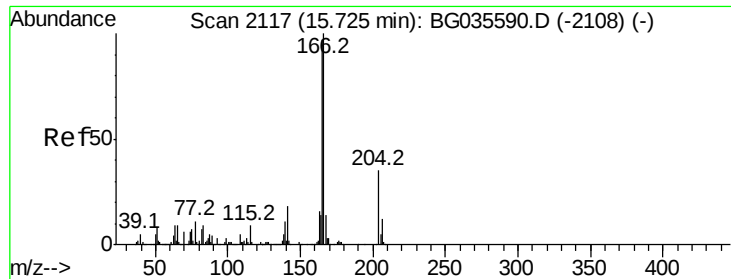
Sohil
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#56
2,4-Dinitrotoluene
Concen: 53.986 ng
RT: 15.01 min Scan# 1996
Delta R.T. 0.00 min
Lab File: BG035905.D
Acq: 26 Jul 2018 12:03

Tgt Ion	Ratio	Lower	Upper
165	100		
63	40.4	42.0	63.0#
89	72.1	66.9	100.3
182	3.3	2.6	3.8





#57

Fluorene

Concen: 48.083 ng

RT: 15.70 min Scan# 2112

Delta R.T. 0.00 min

Lab File: BG035905.D

Acq: 26 Jul 2018 12:03

Instrument :

BNA_G

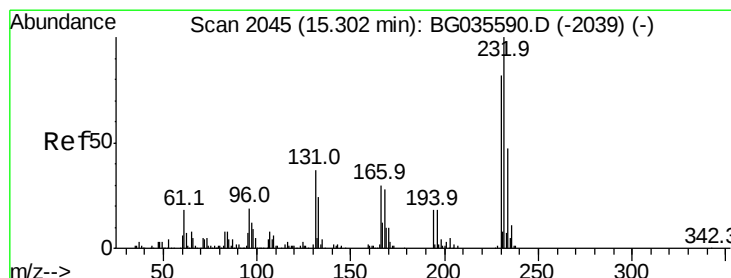
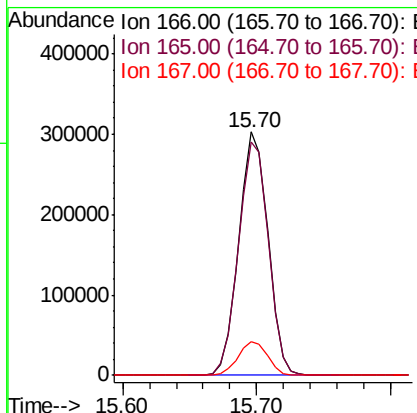
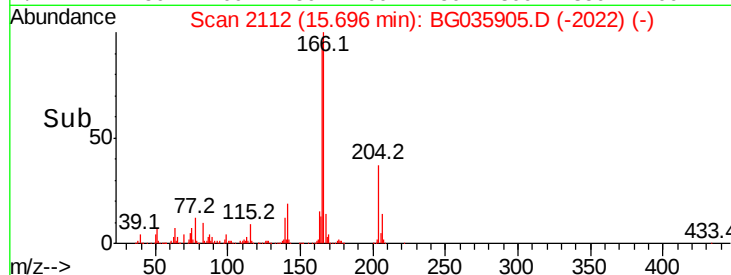
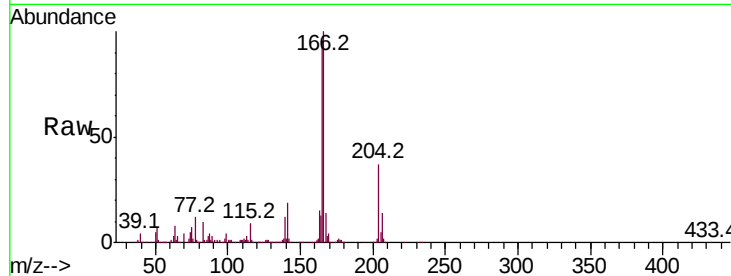
ClientSampleId :

HR-06-072418-AMSD

Tot Ion:	166	Resp:	458471
Ion Ratio	Lower	Upper	
166	100		
165	95.8	80.6	121.0
167	14.0	10.4	15.6

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 55.964 ng

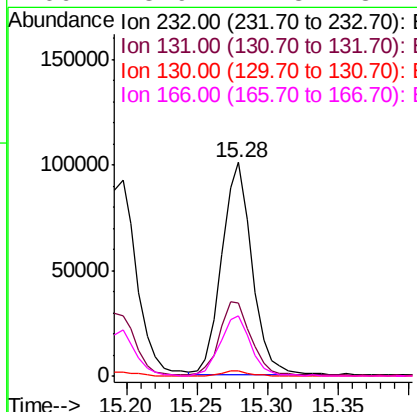
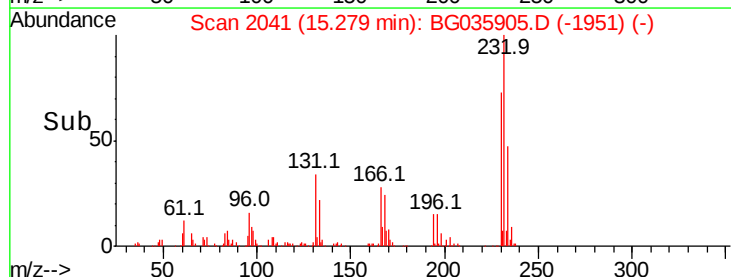
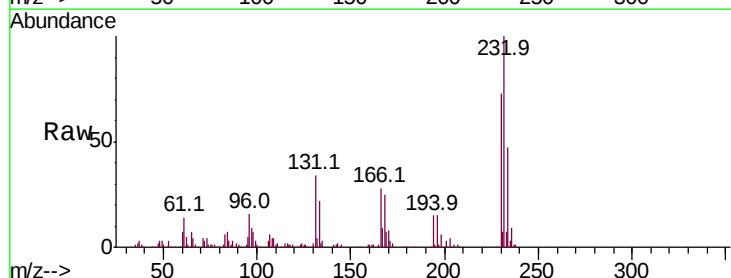
RT: 15.28 min Scan# 2041

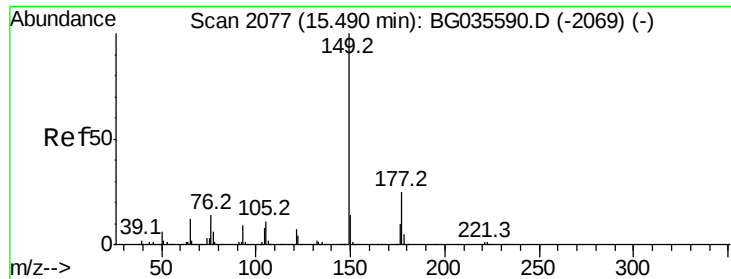
Delta R.T. 0.00 min

Lab File: BG035905.D

Acq: 26 Jul 2018 12:03

Tgt Ion:	232	Resp:	150613
Ion Ratio	Lower	Upper	
232	100		
131	35.1	33.5	50.3
130	2.2	2.2	3.2
166	28.9	24.8	37.2





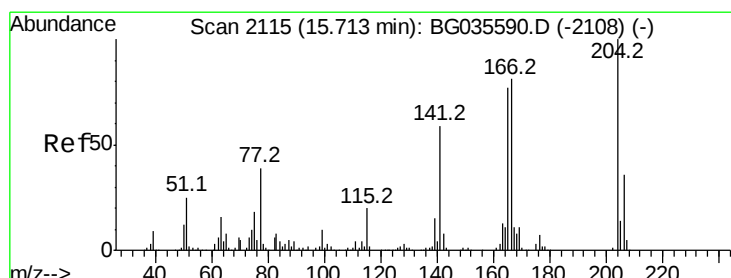
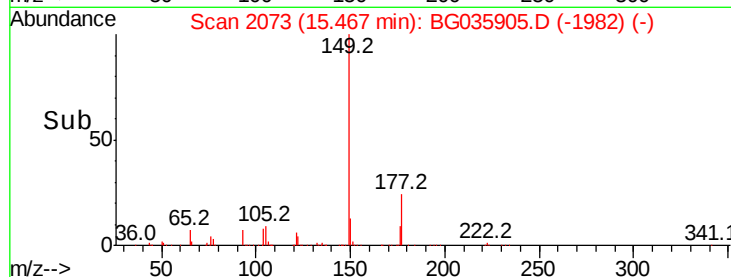
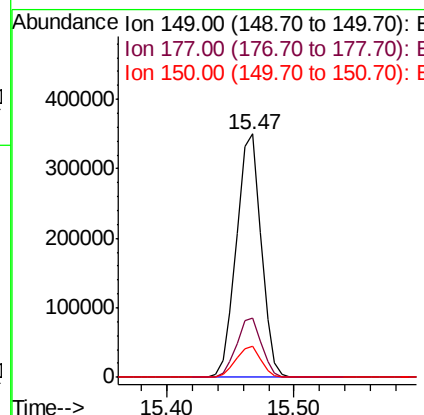
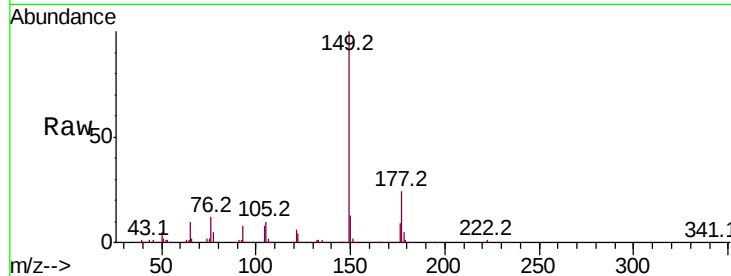
#59
Diethylphthalate
Concen: 45.906 ng
RT: 15.47 min Scan# 2073
Delta R.T. 0.01 min
Lab File: BG035905.D
Acq: 26 Jul 2018 12:03

Instrument :
BNA_G
ClientSampleId :
HR-06-072418-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
177	24.4	18.5	27.7	
150	12.7	10.2	15.2	

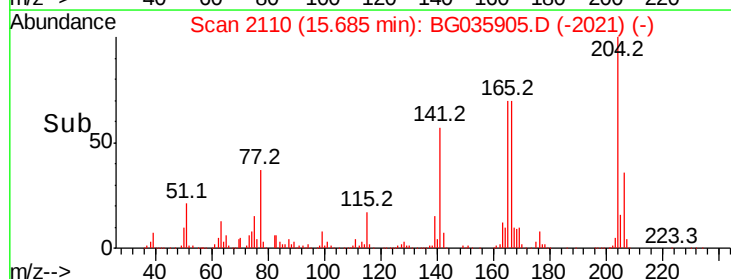
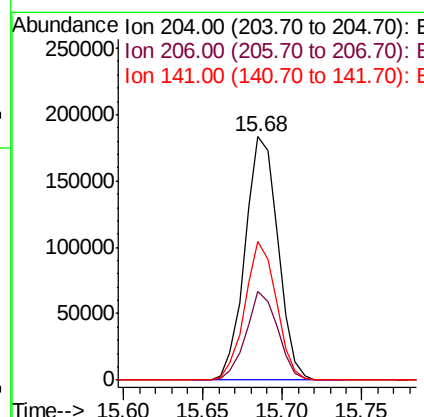
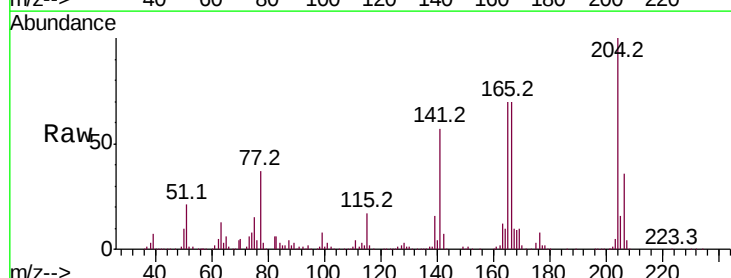
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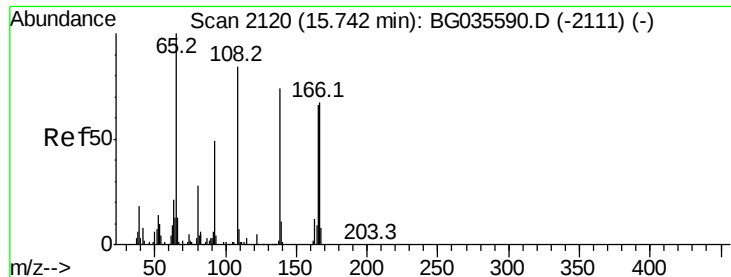
Sohil
7/26/2018 4:59:44 PM



#60
4-Chlorophenyl-phenylether
Concen: 47.031 ng
RT: 15.68 min Scan# 2110
Delta R.T. -0.01 min
Lab File: BG035905.D
Acq: 26 Jul 2018 12:03

Tgt Ion	Ratio	Resp	Lower	Upper
204	100			
206	36.2	26.2	39.2	
141	57.0	45.8	68.6	





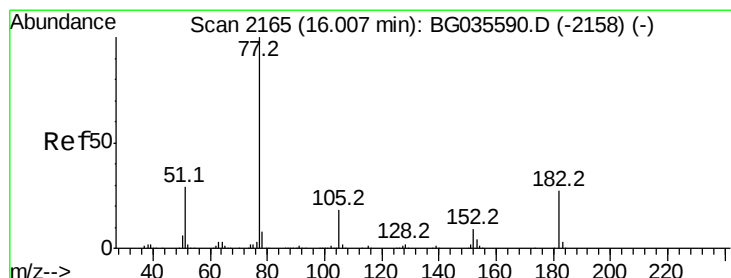
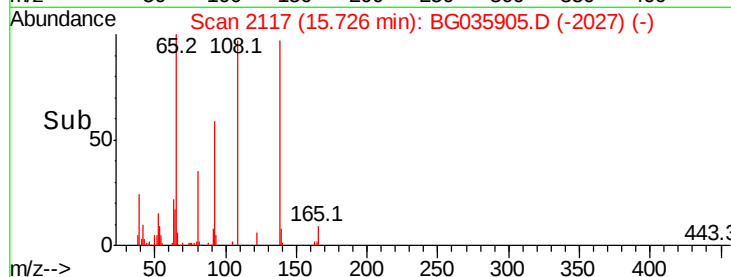
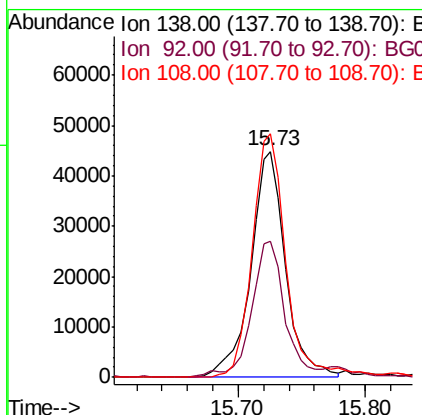
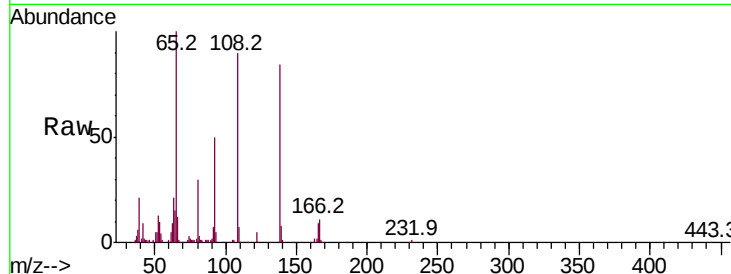
#61
4-Nitroaniline
Concen: 39.320 ng
RT: 15.73 min Scan# 2117
Delta R.T. 0.00 min
Lab File: BG035905.D
Acq: 26 Jul 2018 12:03

Instrument :
BNA_G
ClientSampleId :
HR-06-072418-AMSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	60.3	40.1	80.1
108	107.6	65.4	105.4

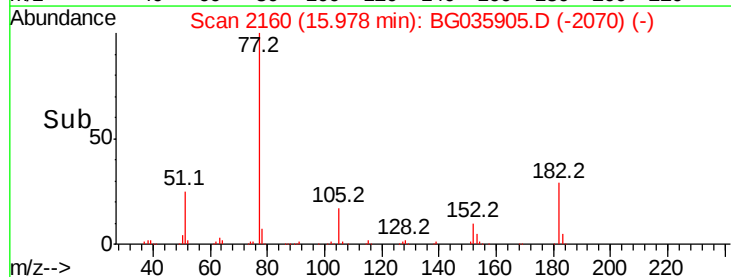
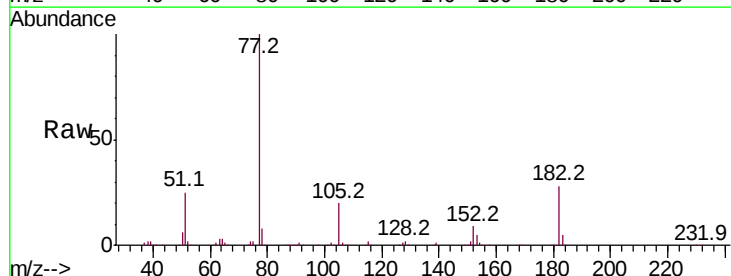
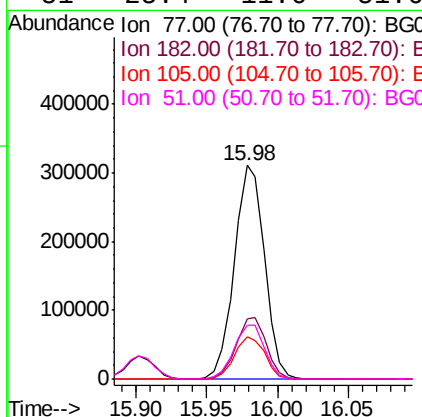
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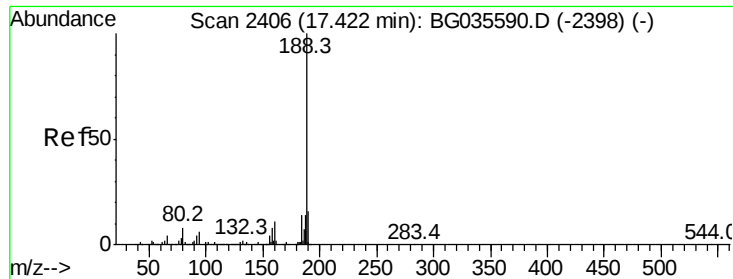
Sohil
7/26/2018 4:59:44 PM



#62
Azobenzene
Concen: 45.750 ng
RT: 15.98 min Scan# 2160
Delta R.T. 0.00 min
Lab File: BG035905.D
Acq: 26 Jul 2018 12:03

Tgt Ion	Ratio	Lower	Upper
77	100		
182	28.1	7.4	47.4
105	19.9	0.3	40.3
51	25.4	11.6	51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.39 min Scan# 2401

Delta R.T. 0.00 min

Lab File: BG035905.D

Acq: 26 Jul 2018 12:03

Instrument :

BNA_G

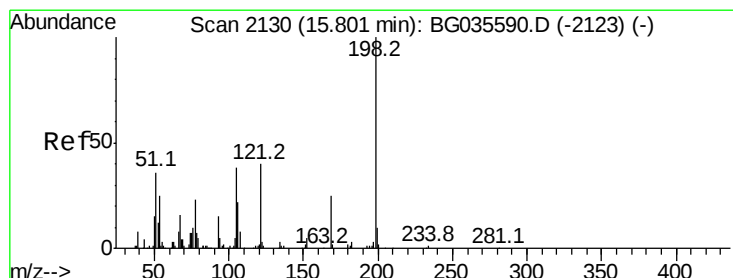
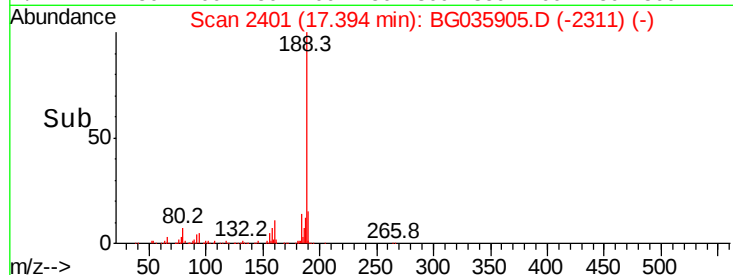
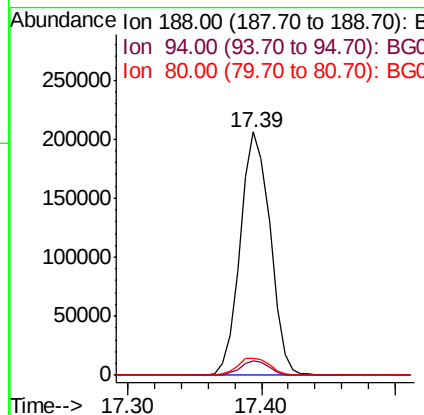
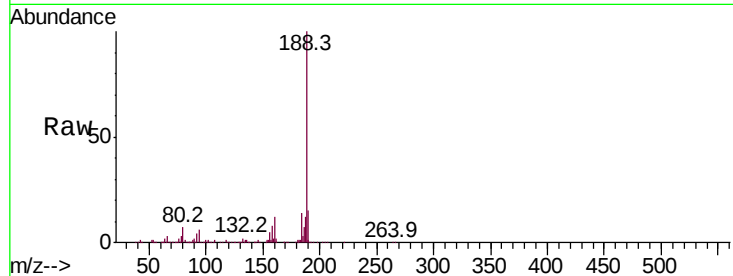
ClientSampleId :

HR-06-072418-AMSD

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	6.2	6.9	10.3#
80	7.0	7.7	11.5#

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#64

4,6-Dinitro-2-methylphenol

Concen: 51.534 ng

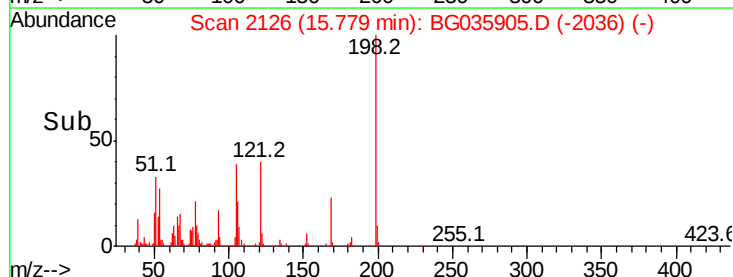
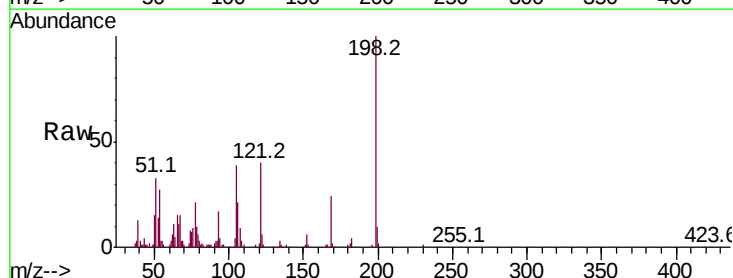
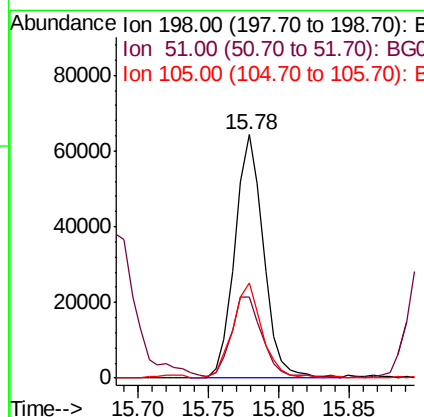
RT: 15.78 min Scan# 2126

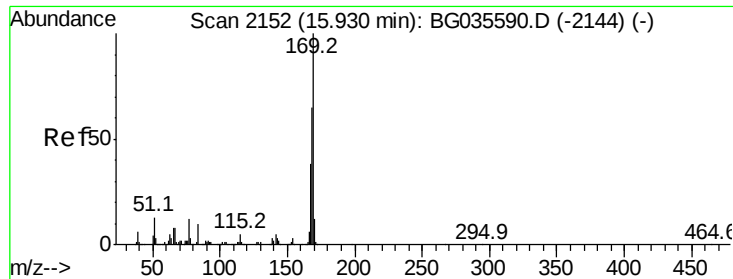
Delta R.T. 0.00 min

Lab File: BG035905.D

Acq: 26 Jul 2018 12:03

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	33.4	30.6	70.6
105	39.1	23.8	63.8





#65

n-Nitrosodiphenylamine

Concen: 44.529 ng

RT: 15.90 min Scan# 2147

Delta R.T. 0.00 min

Lab File: BG035905.D

Acq: 26 Jul 2018 12:03

Instrument :

BNA_G

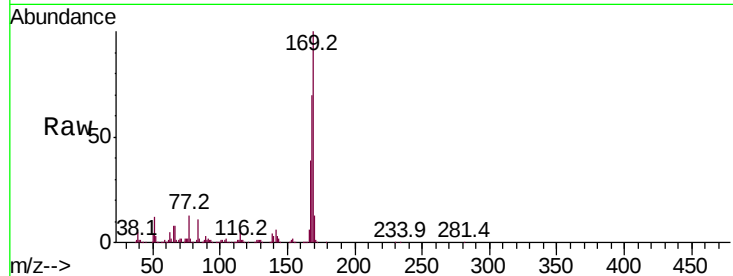
ClientSampleId :

HR-06-072418-AMSD

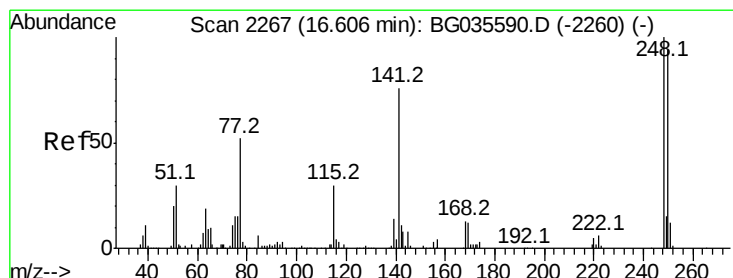
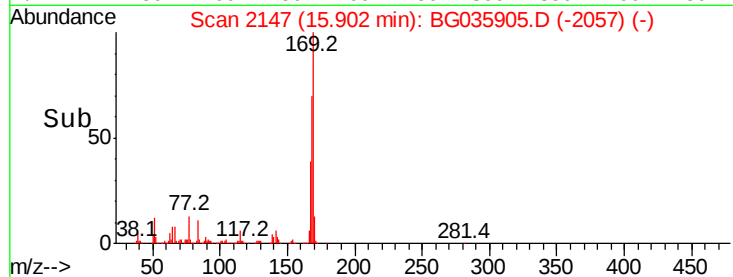
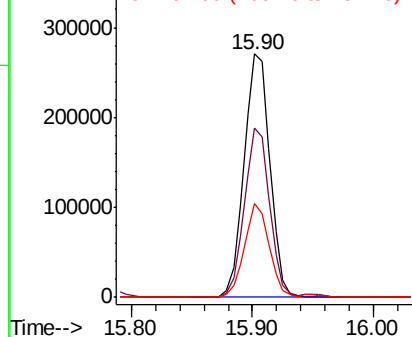
Tot Ion:	169	Resp:	404426
Ion Ratio	Lower	Upper	
169	100		
168	69.8	55.7	83.5
167	38.7	30.1	45.1

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



#66

4-Bromophenyl-phenylether

Concen: 48.584 ng

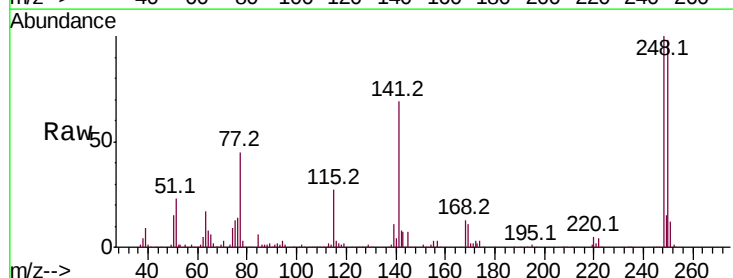
RT: 16.58 min Scan# 2263

Delta R.T. 0.00 min

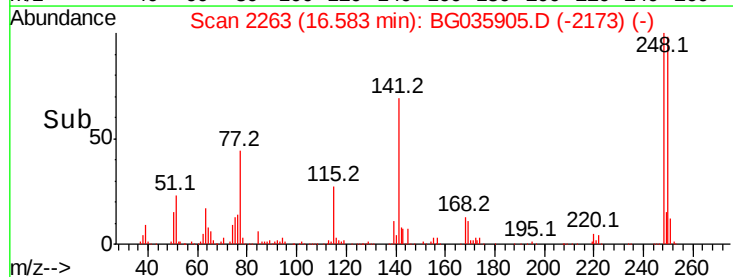
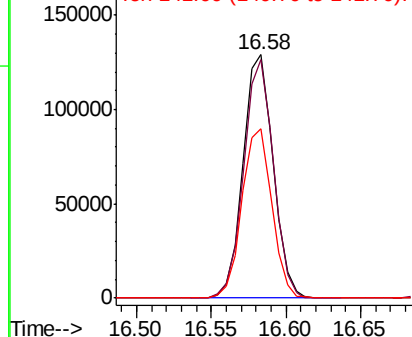
Lab File: BG035905.D

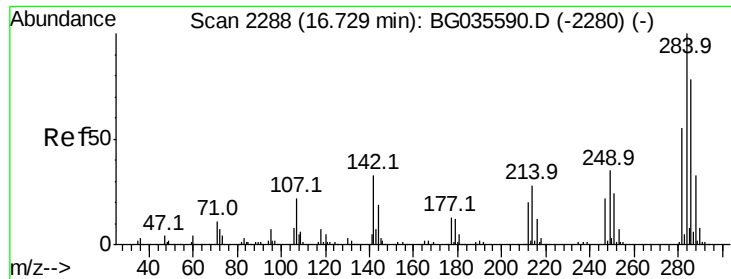
Acq: 26 Jul 2018 12:03

Tgt Ion:	248	Resp:	179851
Ion Ratio	Lower	Upper	
248	100		
250	98.0	77.1	115.7
141	69.4	50.8	76.2



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





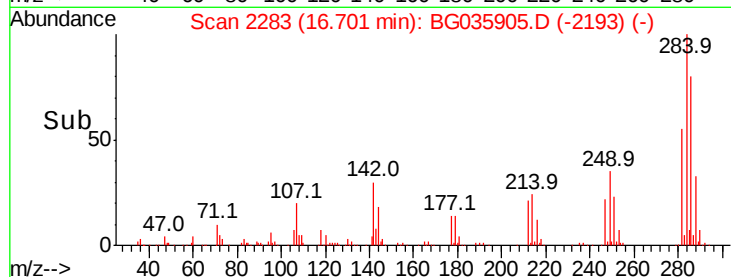
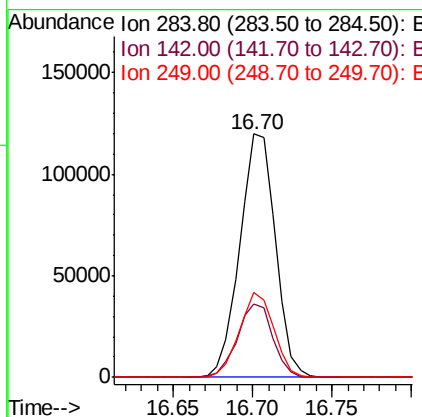
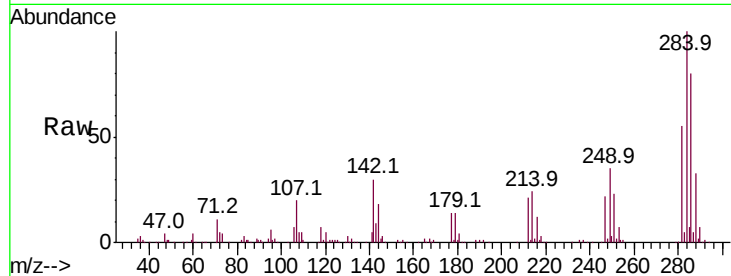
#67
Hexachlorobenzene
Concen: 48.867 ng
RT: 16.70 min Scan# 2283
Delta R.T. 0.00 min
Lab File: BG035905.D
Acq: 26 Jul 2018 12:03

Instrument :
BNA_G
ClientSampleId :
HR-06-072418-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	30.2	26.8	40.2	
249	34.7	26.3	39.5	

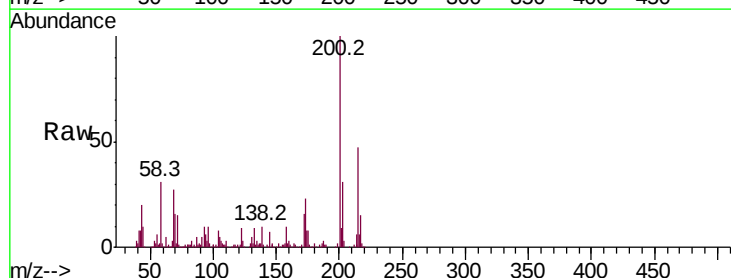
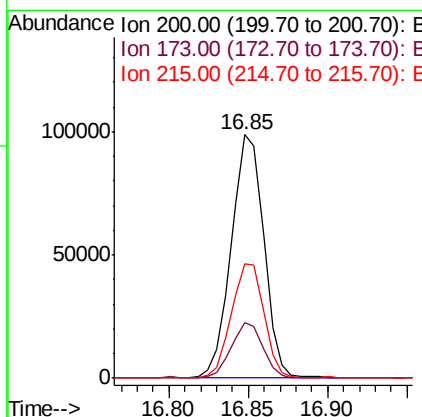
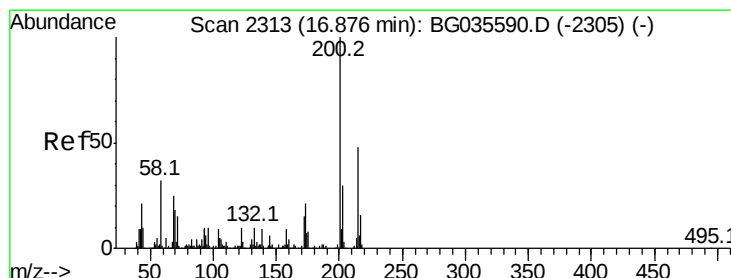
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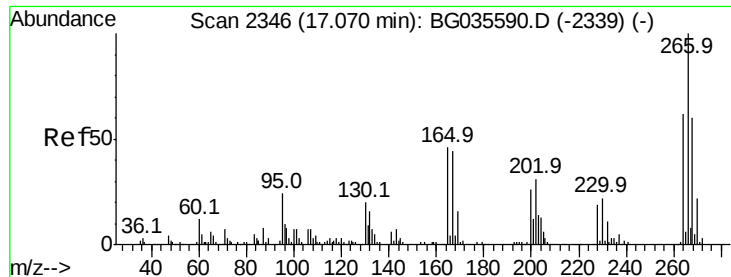
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#68
Atrazine
Concen: 37.673 ng
RT: 16.85 min Scan# 2308
Delta R.T. 0.00 min
Lab File: BG035905.D
Acq: 26 Jul 2018 12:03

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	22.6	5.2	45.2	
215	46.7	30.4	70.4	





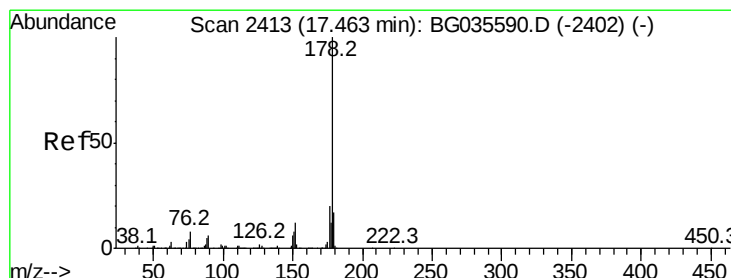
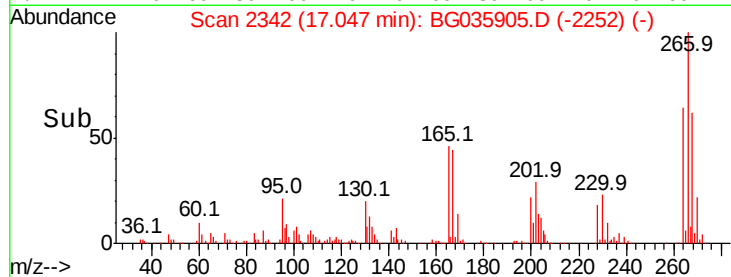
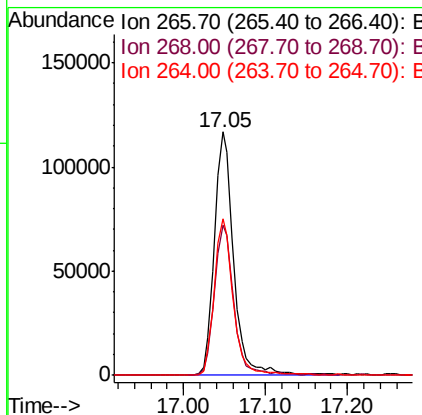
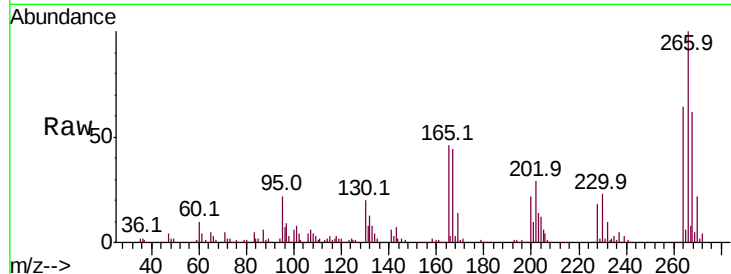
#69
 Pentachlorophenol
 Concen: 83.415 ng
 RT: 17.05 min Scan# 2342
 Delta R.T. 0.00 min
 Lab File: BG035905.D
 Acq: 26 Jul 2018 12:03

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-072418-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	193690		
268	61.9	51.1	76.7	
264	64.1	49.6	74.4	

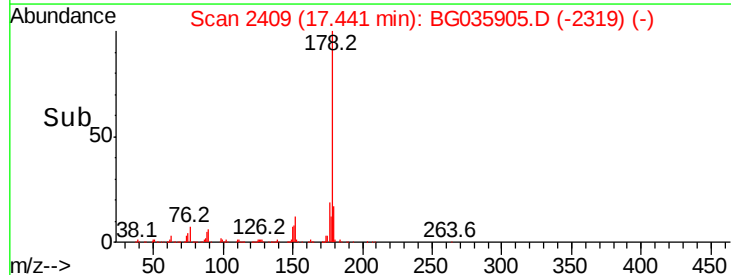
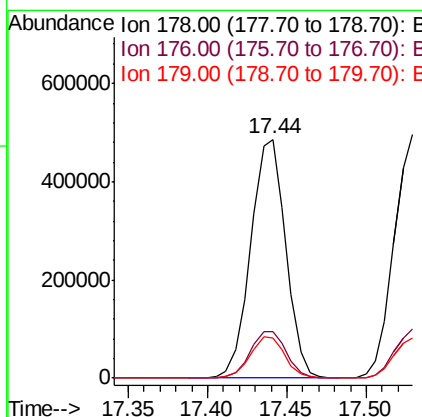
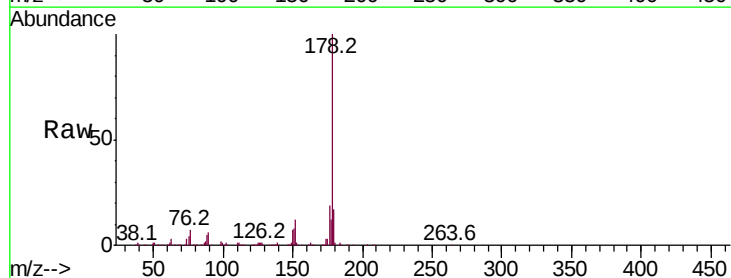
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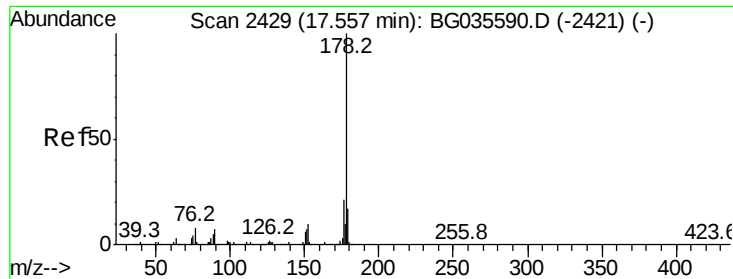
Sohil
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#70
 Phenanthrene
 Concen: 46.911 ng
 RT: 17.44 min Scan# 2409
 Delta R.T. 0.00 min
 Lab File: BG035905.D
 Acq: 26 Jul 2018 12:03

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	746902		
176	19.4	15.7	23.5	
179	16.8	12.5	18.7	





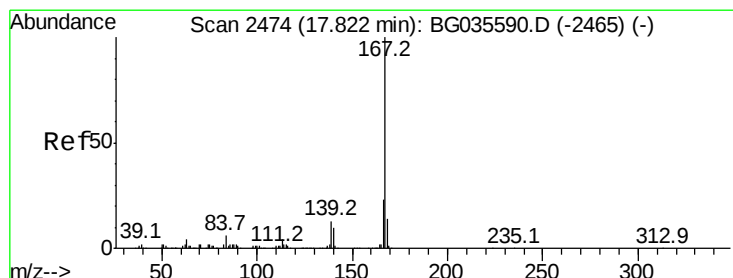
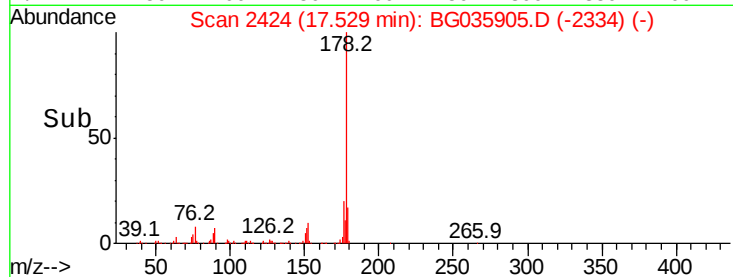
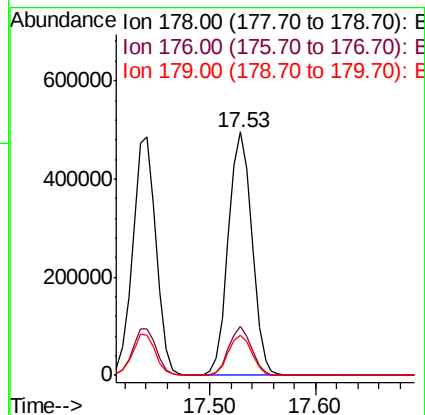
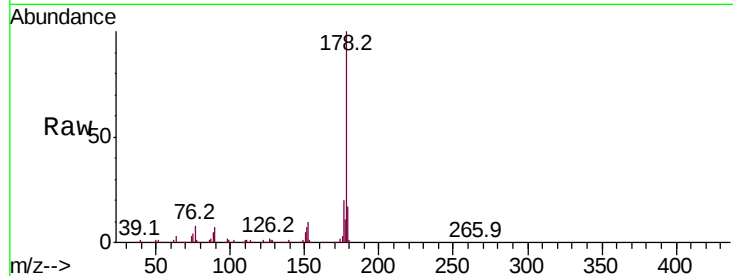
#71
 Anthracene
 Concen: 48.204 ng
 RT: 17.53 min Scan# 2424
 Delta R.T. 0.00 min
 Lab File: BG035905.D
 Acq: 26 Jul 2018 12:03

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-072418-AMSD

Tot Ion:	178	Resp:	764212
Ion Ratio	Lower	Upper	
178	100		
176	20.1	16.0	24.0
179	16.7	12.5	18.7

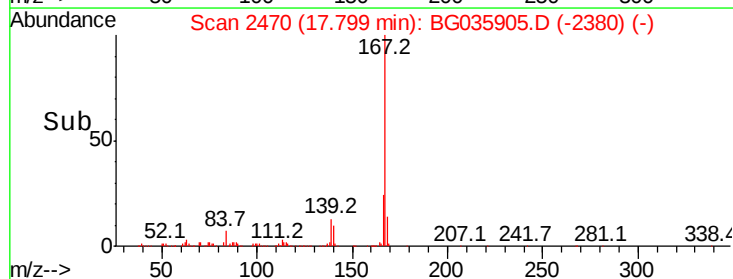
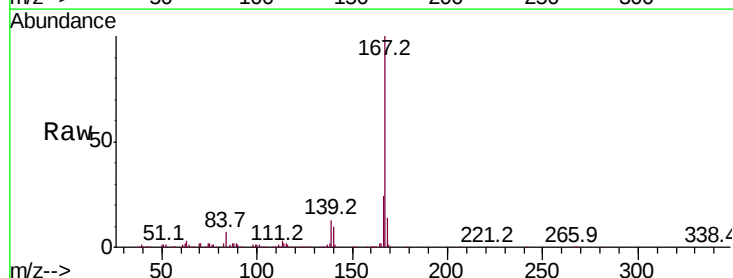
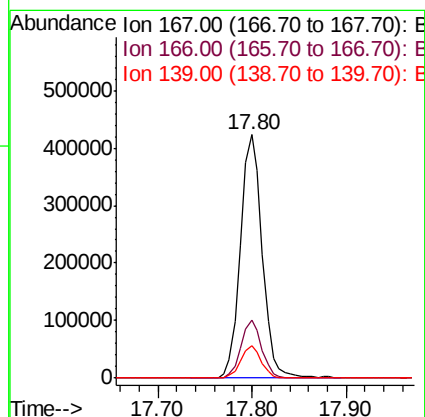
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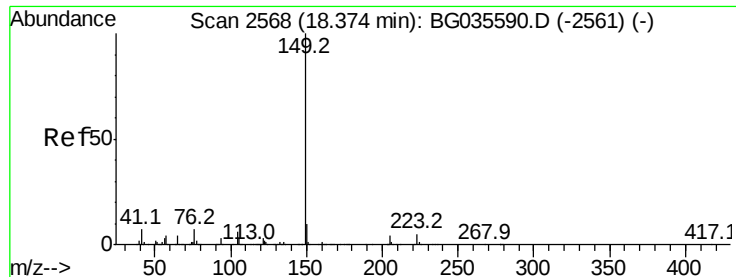
Sohil
 7/26/2018 4:59:44 PM



#72
 Carbazole
 Concen: 45.338 ng
 RT: 17.80 min Scan# 2470
 Delta R.T. 0.00 min
 Lab File: BG035905.D
 Acq: 26 Jul 2018 12:03

Tgt Ion:	167	Resp:	682604
Ion Ratio	Lower	Upper	
167	100		
166	23.8	18.2	27.4
139	13.1	9.4	14.2





#73

Di-n-butylphthalate

Concen: 44.635 ng

RT: 18.35 min Scan# 2564

Delta R.T. 0.00 min

Lab File: BG035905.D

Acq: 26 Jul 2018 12:03

Instrument :

BNA_G

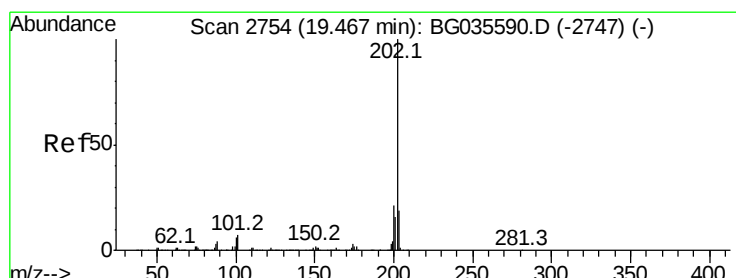
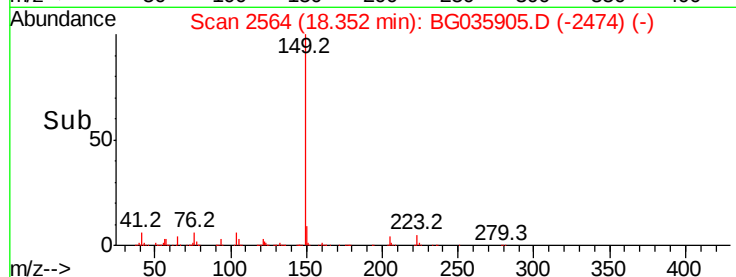
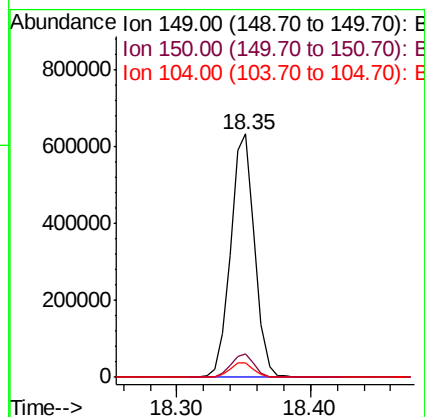
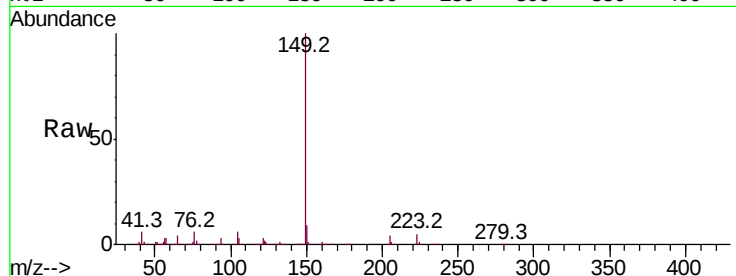
ClientSampleId :

HR-06-072418-AMSD

Tot Ion:	149	Resp:	794144
Ion Ratio	Lower	Upper	
149	100		
150	9.5	7.8	11.6
104	6.1	3.9	5.9#

Manual Integrations
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#74

Fluoranthene

Concen: 44.991 ng

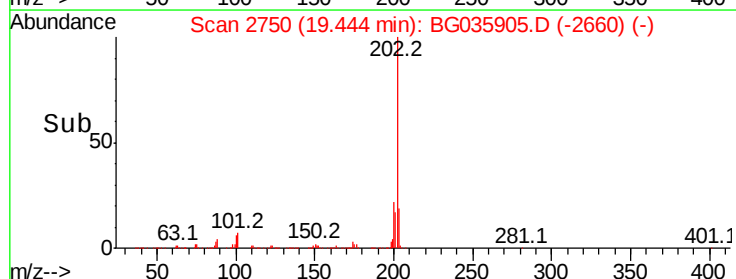
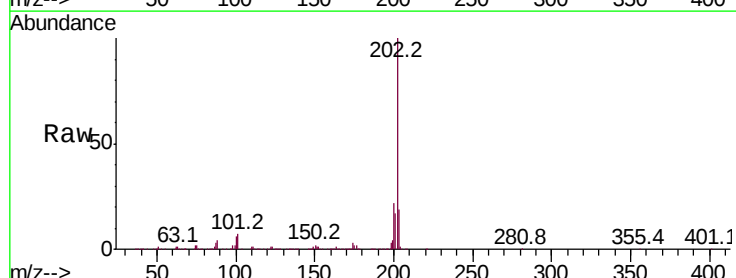
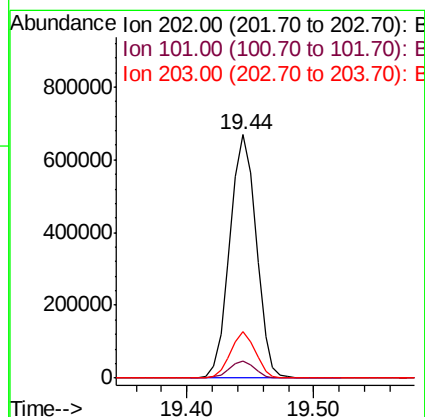
RT: 19.44 min Scan# 2750

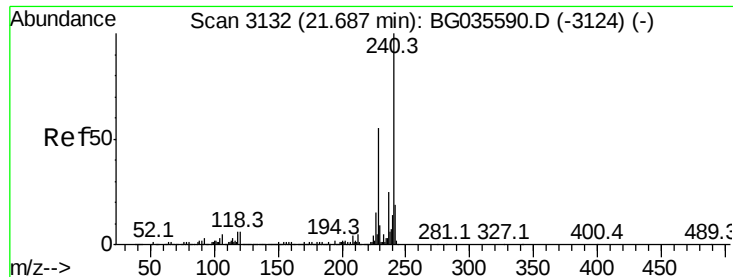
Delta R.T. 0.00 min

Lab File: BG035905.D

Acq: 26 Jul 2018 12:03

Tgt Ion:	202	Resp:	964886
Ion Ratio	Lower	Upper	
202	100		
101	7.0	0.0	28.9
203	19.0	0.0	37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.66 min Scan# 3127

Delta R.T. 0.00 min

Lab File: BG035905.D

Acq: 26 Jul 2018 12:03

Instrument :

BNA_G

ClientSampleId :

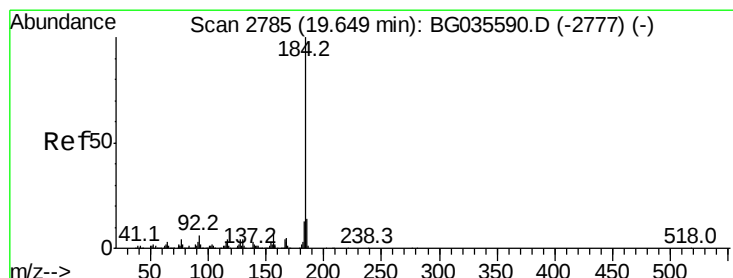
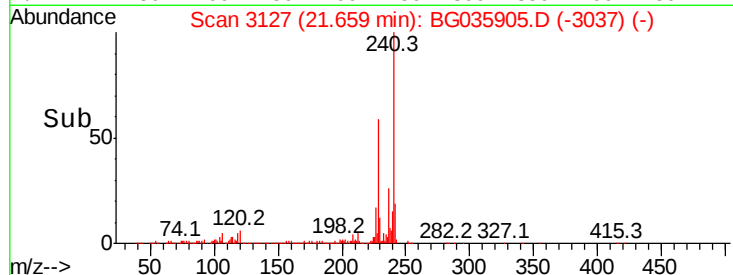
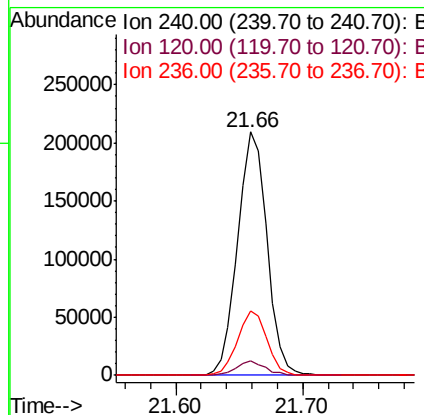
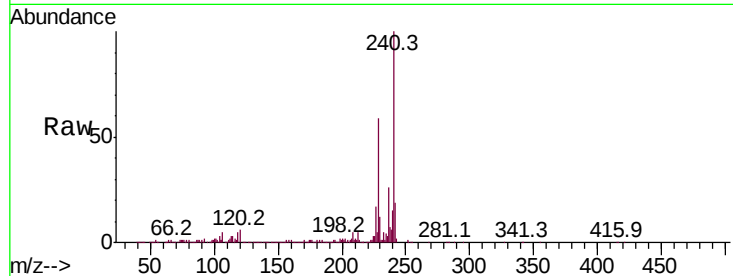
HR-06-072418-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	5.8	6.8	10.2#	
236	26.3	20.9	31.3	

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#76

Benzidine

Concen: 2.112 ng m

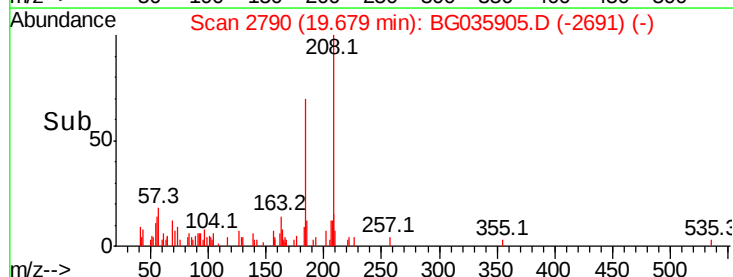
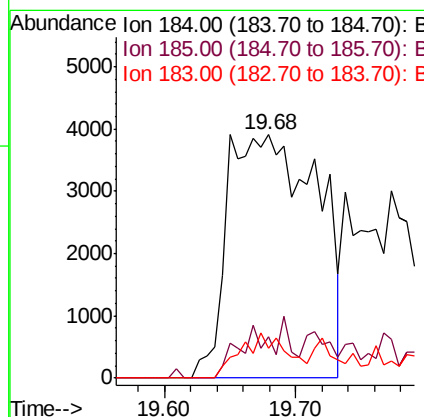
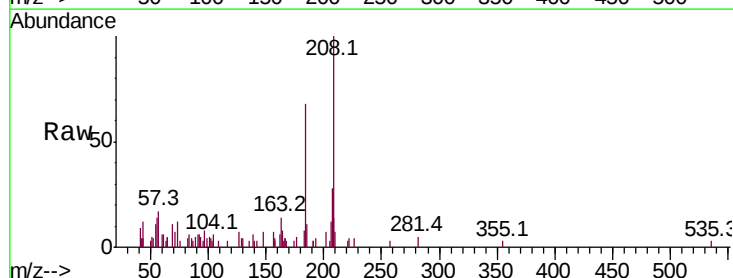
RT: 19.68 min Scan# 2790

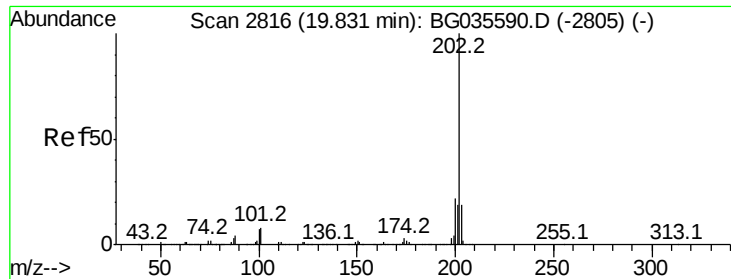
Delta R.T. 0.05 min

Lab File: BG035905.D

Acq: 26 Jul 2018 12:03

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
185	16.8	11.1	16.7#	
183	12.5	10.6	16.0	





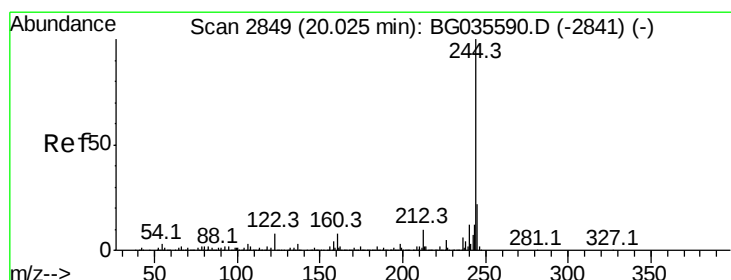
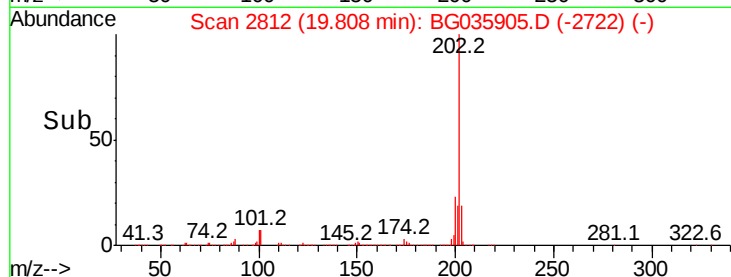
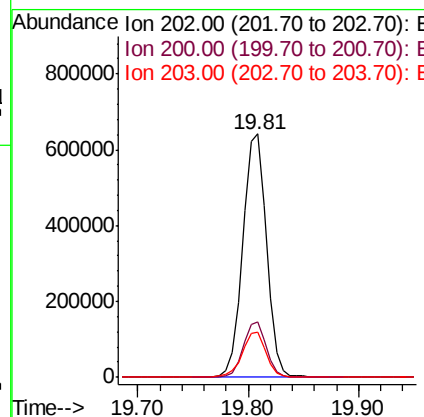
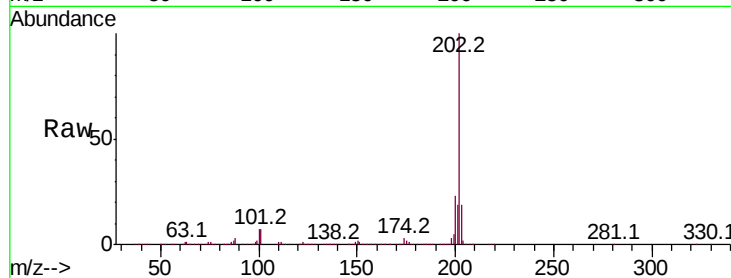
#77
Pvrene
Concen: 45.576 ng
RT: 19.81 min Scan# 2812
Delta R.T. 0.00 min
Lab File: BG035905.D
Acq: 26 Jul 2018 12:03

Instrument :
BNA_G
ClientSampleId :
HR-06-072418-AMSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	22.8	16.9	25.3
203	18.7	13.9	20.9

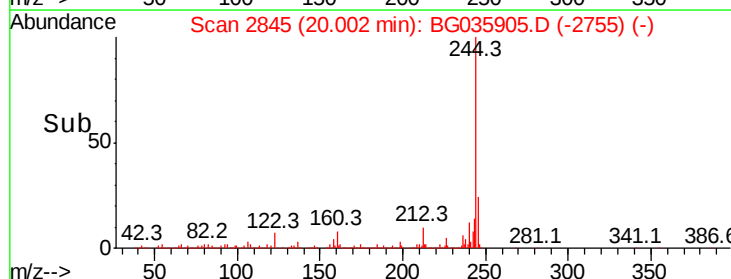
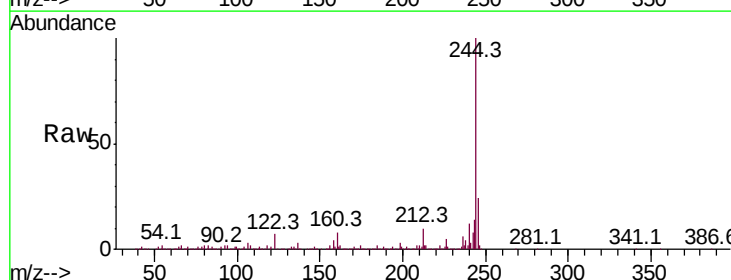
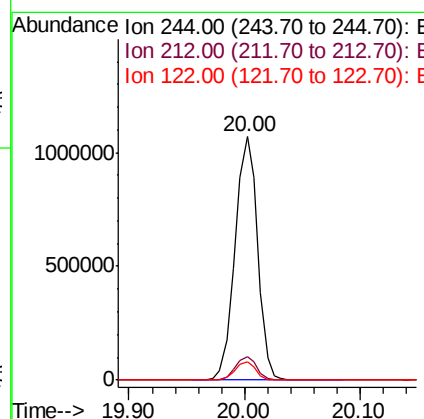
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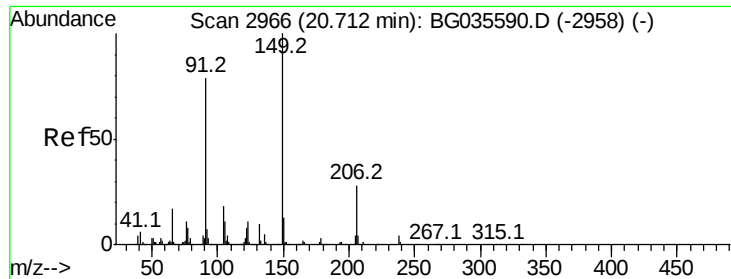
Sohil
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#78
Terphenyl-d14
Concen: 94.820 ng
RT: 20.00 min Scan# 2845
Delta R.T. 0.00 min
Lab File: BG035905.D
Acq: 26 Jul 2018 12:03

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	9.7	5.8	8.8#
122	7.4	7.0	10.4





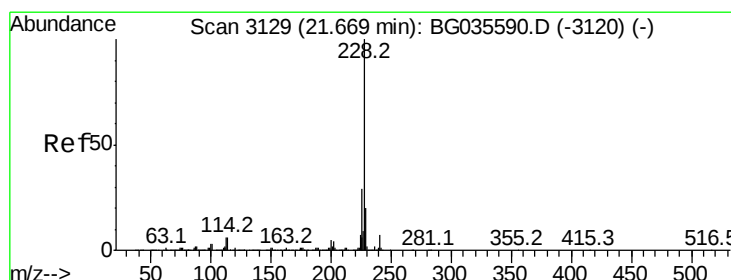
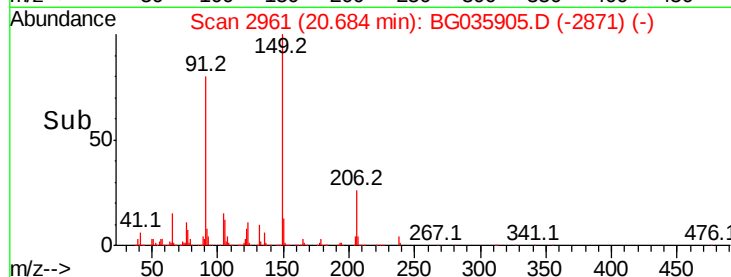
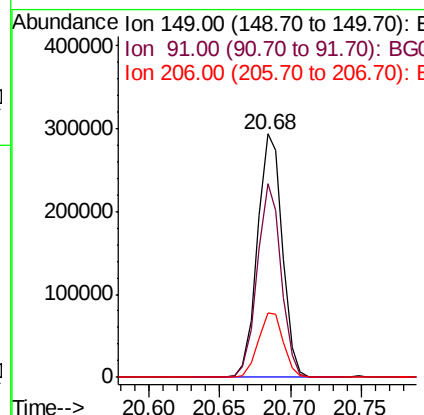
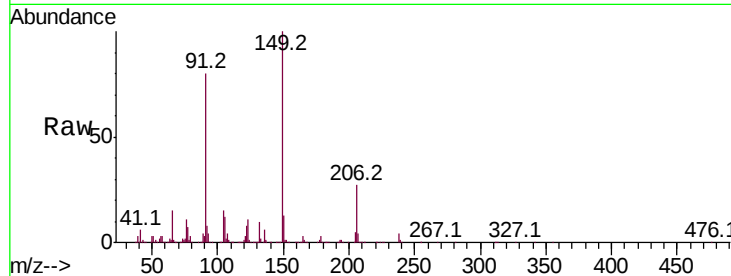
#79
Butylbenzylphthalate
Concen: 48.017 ng
RT: 20.68 min Scan# 2961
Delta R.T. 0.00 min
Lab File: BG035905.D
Acq: 26 Jul 2018 12:03

Instrument :
BNA_G
ClientSampleId :
HR-06-072418-AMSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	79.6	62.2	93.2
206	26.5	18.6	27.8

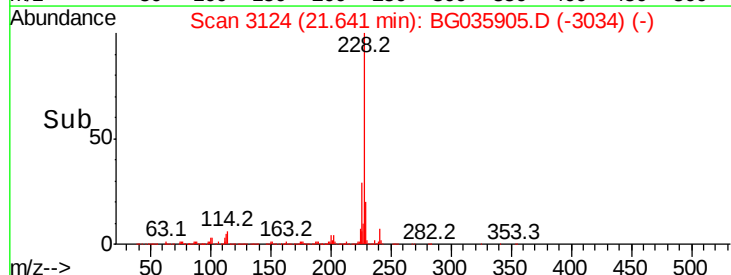
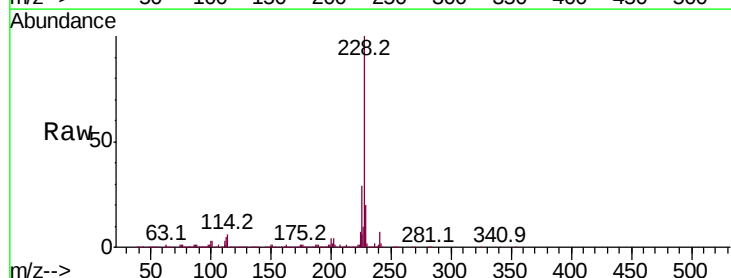
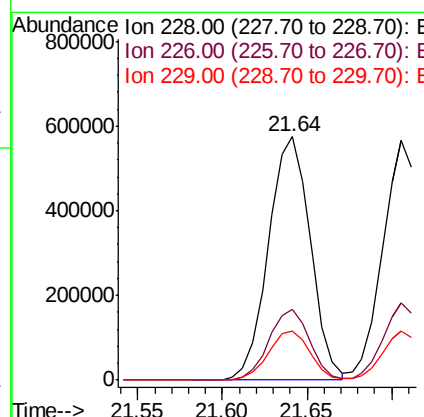
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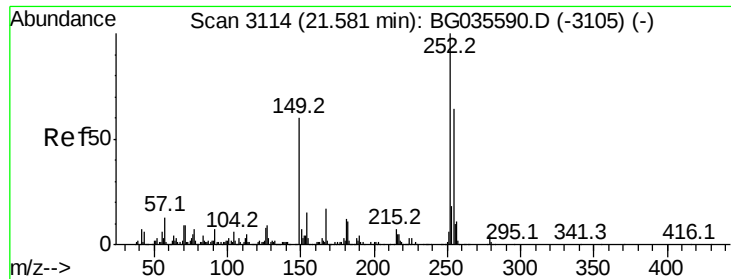
Sohil
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#80
Benzo(a)anthracene
Concen: 46.797 ng
RT: 21.64 min Scan# 3124
Delta R.T. 0.00 min
Lab File: BG035905.D
Acq: 26 Jul 2018 12:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.1	22.7	34.1
229	20.3	16.2	24.2





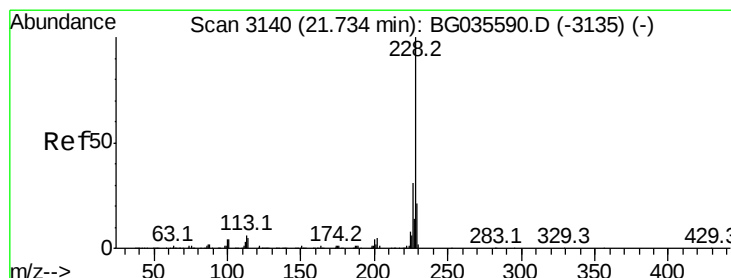
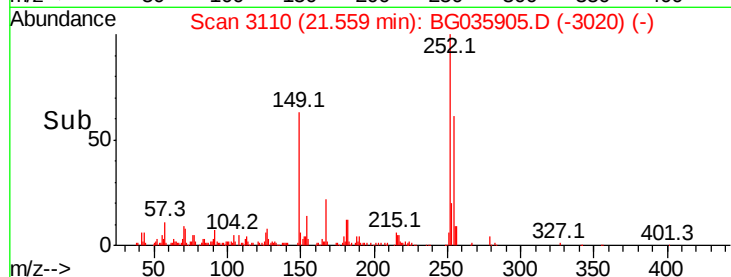
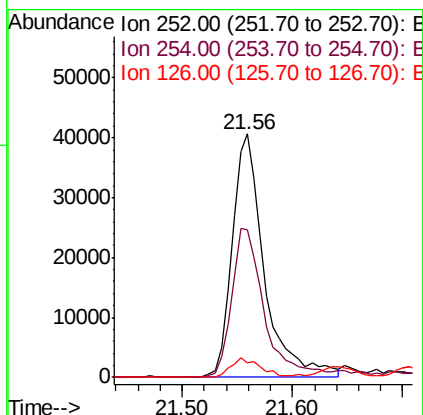
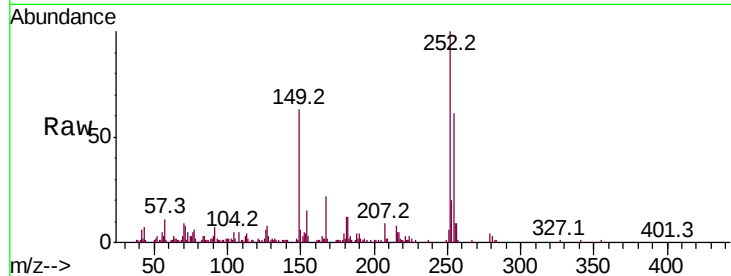
#81
 3,3'-Dichlorobenzidine
 Concen: 11.322 ng
 RT: 21.56 min Scan# 3110
 Delta R.T. 0.00 min
 Lab File: BG035905.D
 Acq: 26 Jul 2018 12:03

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-072418-AMSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	60.7	50.8	76.2
126	5.8	7.4	11.2#

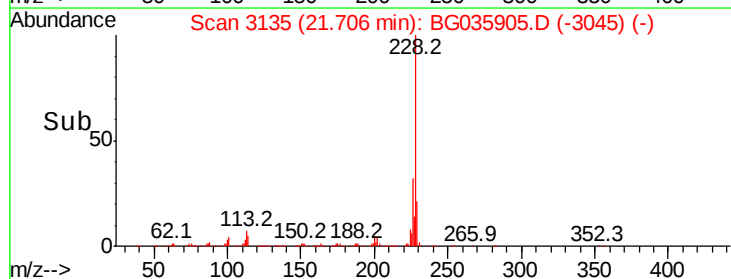
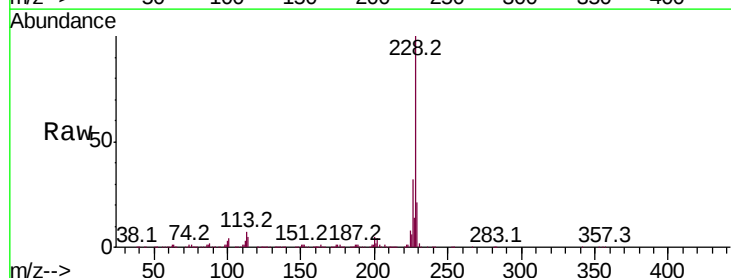
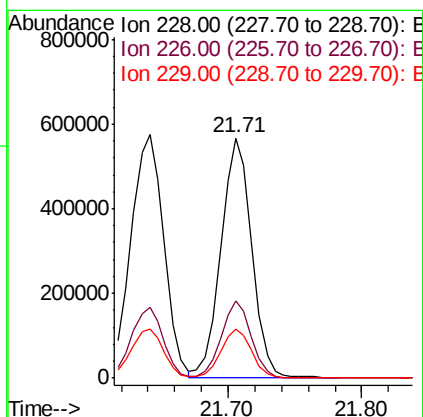
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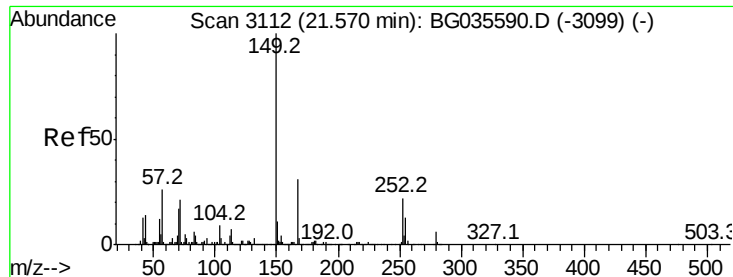
Sohil
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#82
 Chrysene
 Concen: 47.180 ng
 RT: 21.71 min Scan# 3135
 Delta R.T. 0.00 min
 Lab File: BG035905.D
 Acq: 26 Jul 2018 12:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.3	24.9	37.3
229	20.6	15.0	22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 48.323 ng

RT: 21.54 min Scan# 3107

Delta R.T. 0.00 min

Lab File: BG035905.D

Acq: 26 Jul 2018 12:03

Instrument :

BNA_G

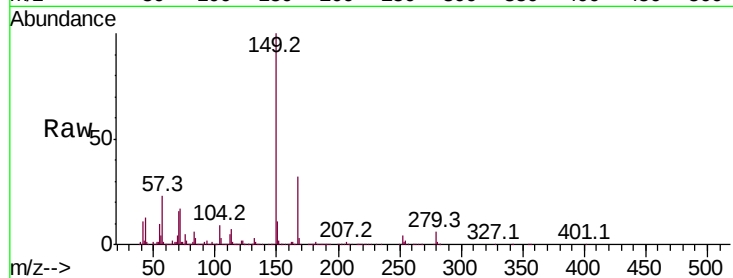
ClientSampleId :

HR-06-072418-AMSD

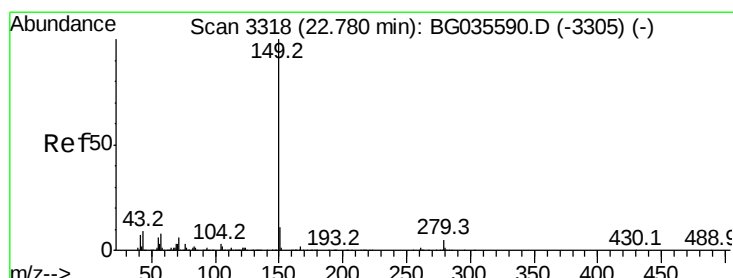
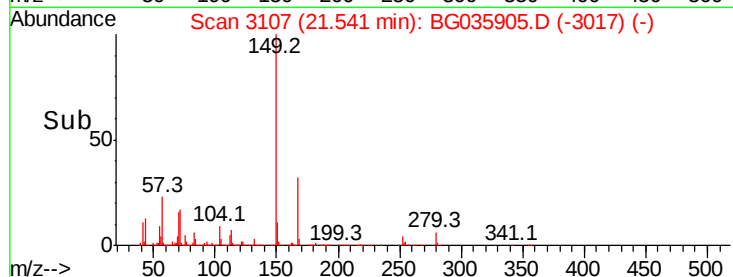
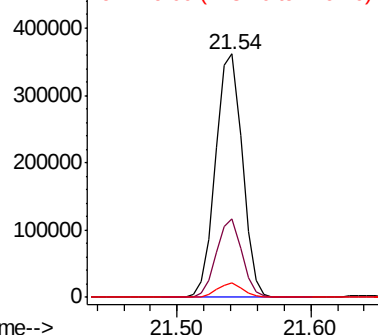
Tot Ion:	149	Resp:	498962
Ion Ratio	Lower	Upper	
149	100		
167	32.1	24.3	36.5
279	6.2	4.0	6.0#

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 49.111 ng

RT: 22.74 min Scan# 3311

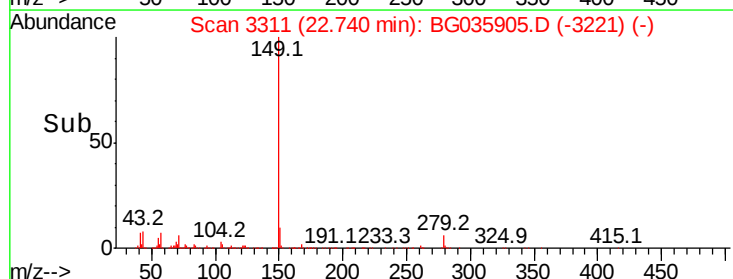
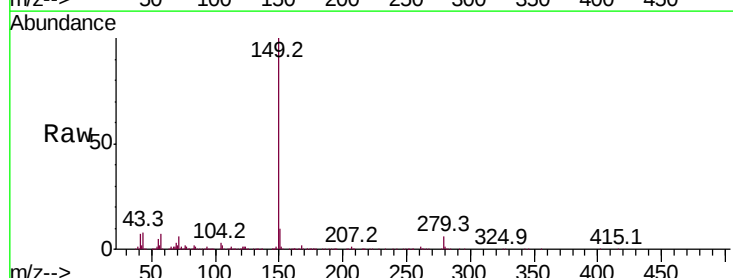
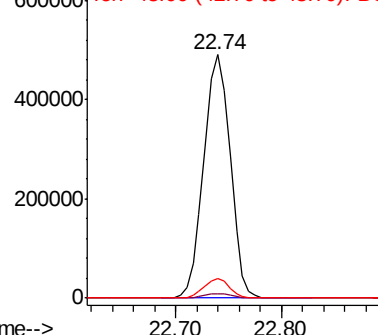
Delta R.T. 0.00 min

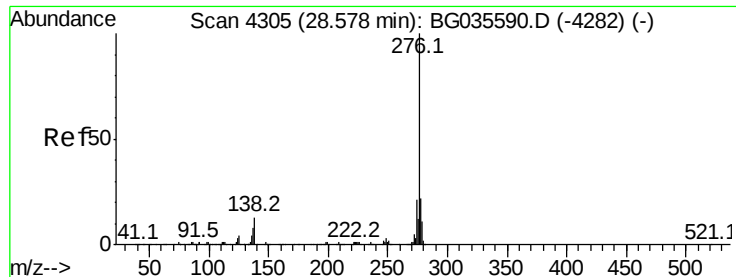
Lab File: BG035905.D

Acq: 26 Jul 2018 12:03

Tgt Ion:	149	Resp:	849069
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.4	2.0
43	7.9	8.9	13.3#

Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGO





#85

Indeno(1,2,3-cd)pyrene

Concen: 48.942 ng

RT: 28.50 min Scan# 4291

Delta R.T. -0.01 min

Lab File: BG035905.D

Acq: 26 Jul 2018 12:03

Instrument :

BNA_G

ClientSampleId :

HR-06-072418-AMSD

Tot Ion:276 Resp: 1051031

Ion Ratio Lower Upper

276 100

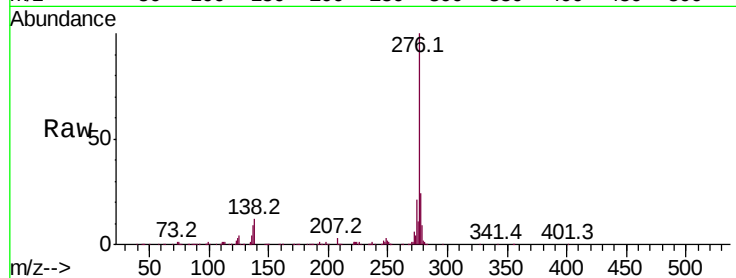
138 5.1 16.0 24.0#

277 26.0 20.0 30.0

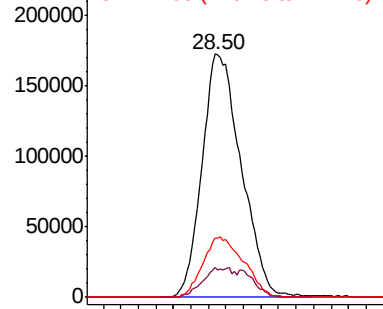
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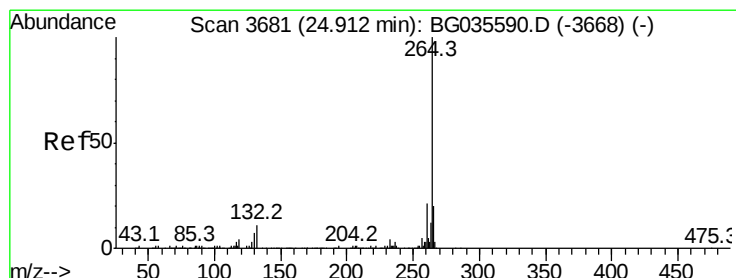
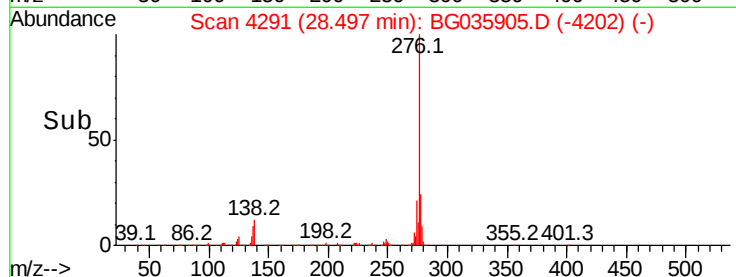
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Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



Time-->



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.86 min Scan# 3672

Delta R.T. 0.00 min

Lab File: BG035905.D

Acq: 26 Jul 2018 12:03

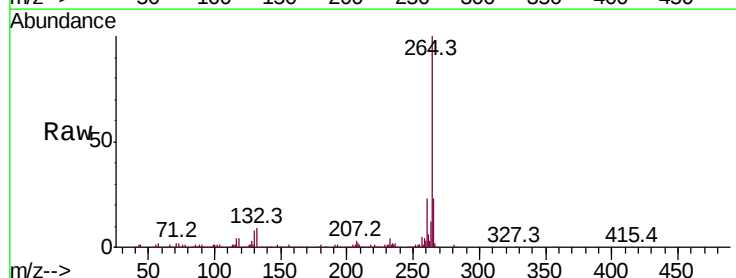
Tgt Ion:264 Resp: 325101

Ion Ratio Lower Upper

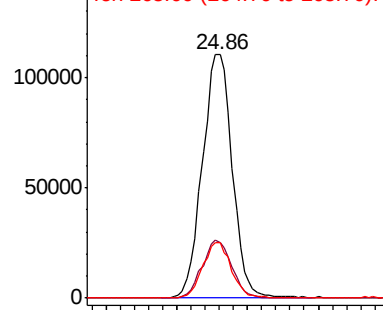
264 100

260 22.8 17.4 26.0

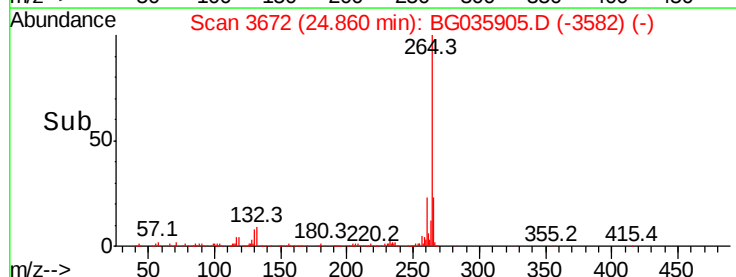
265 22.6 17.7 26.5

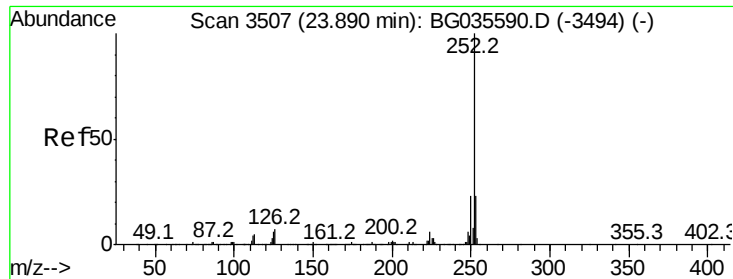


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



Time-->





#87

Benzo(b)fluoranthene

Concen: 46.530 ng

RT: 23.84 min Scan# 3499

Delta R.T. 0.00 min

Lab File: BG035905.D

Acq: 26 Jul 2018 12:03

Instrument :

BNA_G

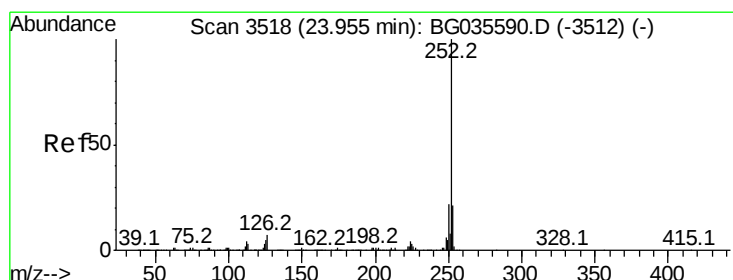
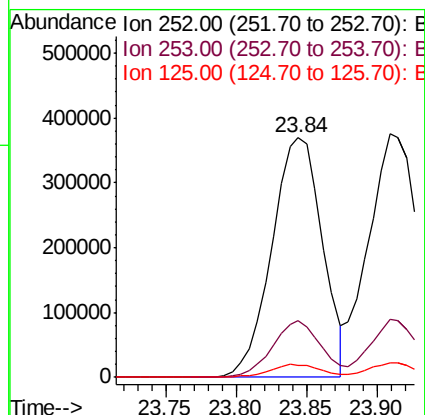
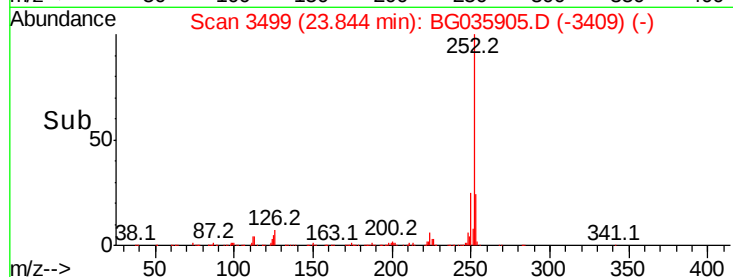
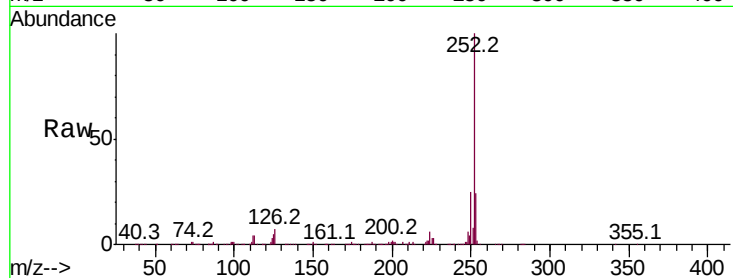
ClientSampleId :

HR-06-072418-AMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.2	27.4
125	5.2	7.2	10.8#

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#88

Benzo(k)fluoranthene

Concen: 47.452 ng

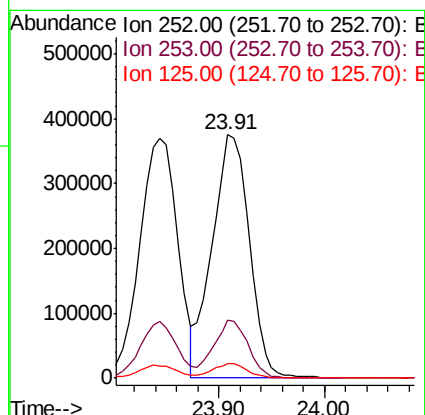
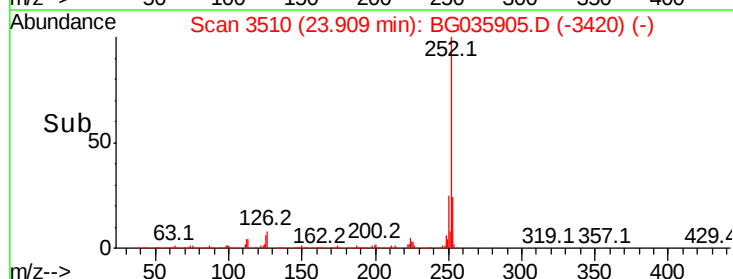
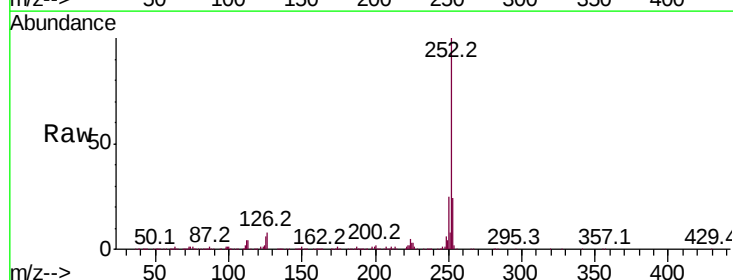
RT: 23.91 min Scan# 3510

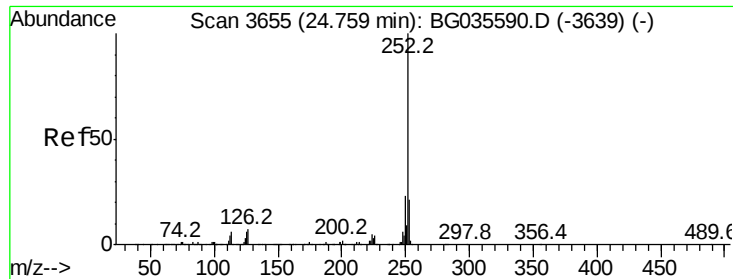
Delta R.T. 0.00 min

Lab File: BG035905.D

Acq: 26 Jul 2018 12:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.4	26.2
125	6.1	6.6	9.8#





#89

Benzo(a)pyrene

Concen: 48.461 ng

RT: 24.71 min Scan# 3647

Delta R.T. 0.01 min

Lab File: BG035905.D

Acq: 26 Jul 2018 12:03

Instrument :

BNA_G

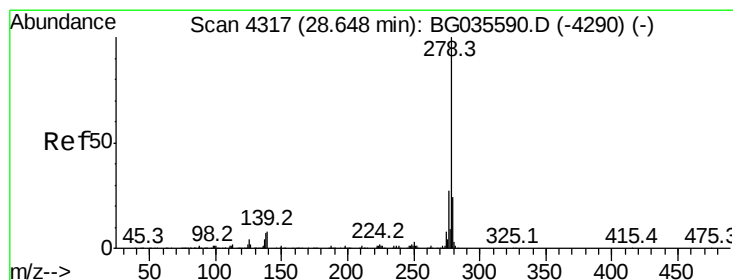
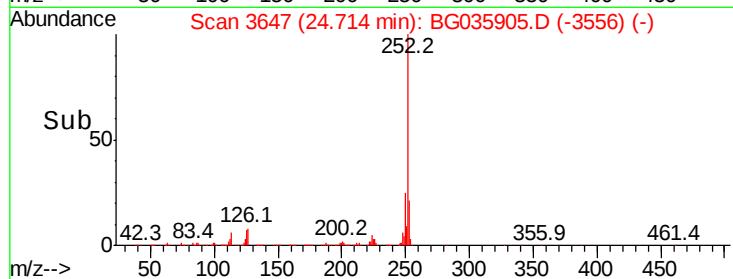
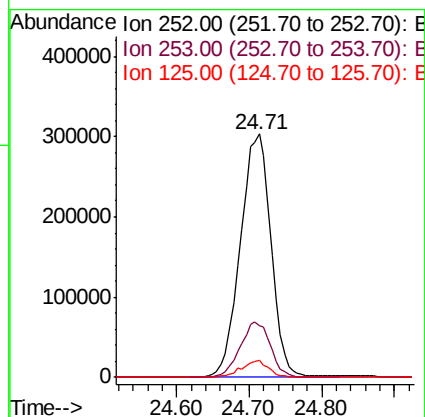
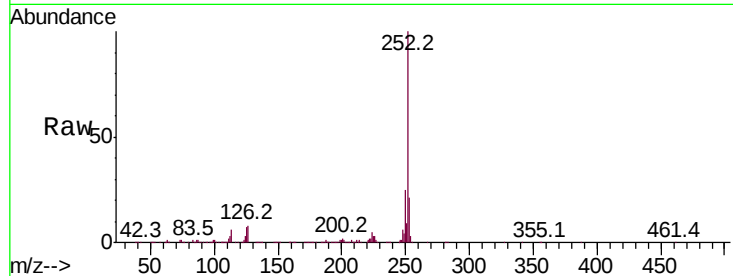
ClientSampleId :

HR-06-072418-AMSD

Tot Ion:	252	Resp:	890840
Ion Ratio	Lower	Upper	
252	100		
253	21.4	18.3	27.5
125	6.9	7.3	10.9#

Manual Integrations
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#90

Dibenzo(a,h)anthracene

Concen: 47.896 ng

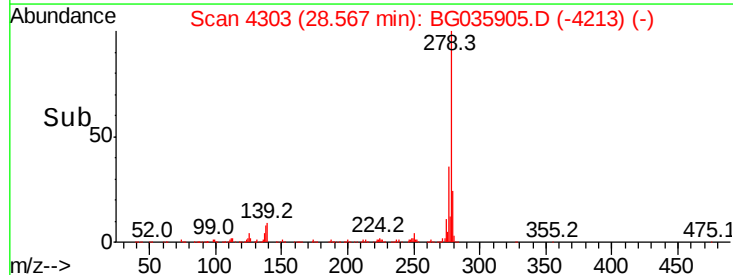
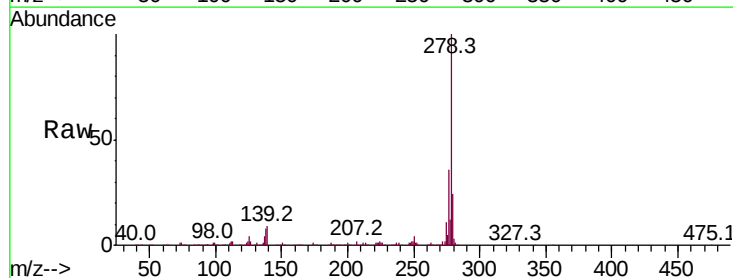
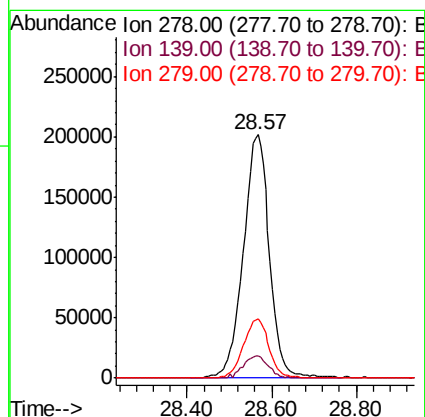
RT: 28.57 min Scan# 4303

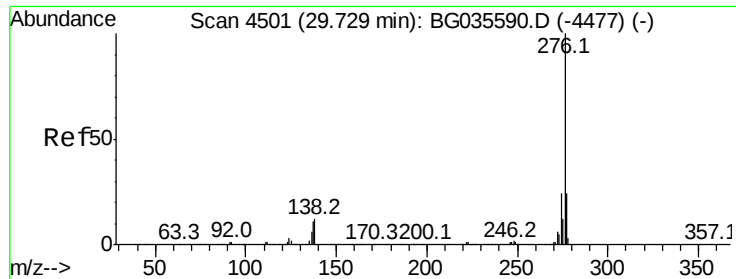
Delta R.T. 0.00 min

Lab File: BG035905.D

Acq: 26 Jul 2018 12:03

Tgt Ion:	278	Resp:	864383
Ion Ratio	Lower	Upper	
278	100		
139	9.2	9.8	14.6#
279	24.2	18.4	27.6





#91
 Benzo(a,h,i)perylene
 Concen: 49.040 ng
 RT: 29.65 min Scan# 4487
 Delta R.T. 0.01 min
 Lab File: BG035905.D
 Acq: 26 Jul 2018 12:03

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-072418-AMSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.3	27.5
138	13.0	13.9	20.9

Manual Integrations
 APPROVED

Sohil
 7/26/2018 4:59:44 PM

