

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072018\
 Data File : BG035805.D
 Acq On : 21 Jul 2018 5:12
 Operator : JU/SJ
 Sample : J3820-06MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BU-01-071918MSD

Manual Integrations
 APPROVED

Sohil
 7/23/2018 2:19:17 PM

Quant Time: Jul 23 01:19:13 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 20 15:28:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	53499	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	190550	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	132358	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	338302	20.00	ng	0.00
75) Chrysene-d12	21.66	240	349778	20.00	ng	0.00
86) Perylene-d12	24.86	264	347706	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	425017	131.90	ng	0.00
7) Phenol-d6	7.21	99	562314	116.96	ng	0.00
23) Nitrobenzene-d5	9.19	82	423618	92.87	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	268541	153.93	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	936241	94.77	ng	0.00
78) Terphenyl-d14	20.01	244	1602159	100.97	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.54	88	50138	30.570	ng	# 75
3) Pyridine	3.94	79	123850	28.926	ng	# 69
4) n-Nitrosodimethylamine	3.84	42	61762	33.595	ng	# 72
6) Aniline	7.36	93	72680	11.663	ng	95
8) 2-Chlorophenol	7.60	128	146114	44.583	ng	98
9) Benzaldehyde	7.17	77	80193	27.185	ng	98
10) Phenol	7.23	94	185653	38.222	ng	96
11) bis(2-Chloroethyl)ether	7.45	93	151168	39.740	ng	92
12) 1,3-Dichlorobenzene	7.92	146	170655	43.120	ng	97
13) 1,4-Dichlorobenzene	8.06	146	172548	42.910	ng	98
14) 1,2-Dichlorobenzene	8.38	146	165516	42.846	ng	99
15) Benzyl Alcohol	8.27	79	174492	39.967	ng	90
16) 2,2'-oxybis(1-Chloropropan	8.55	45	171711	53.843	ng	69
17) 2-Methylphenol	8.48	107	140802	42.636	ng	93
18) Hexachloroethane	9.11	117	63767	41.474	ng	92
19) n-Nitroso-di-n-propylamine	8.83	70	141063	34.843	ng	# 83
20) 3+4-Methylphenols	8.80	107	184695	40.314	ng	94
22) Acetophenone	8.85	105	259792	43.843	ng	# 93
24) Nitrobenzene	9.24	77	215721	47.025	ng	93
25) Isophorone	9.75	82	400831	47.338	ng	99
26) 2-Nitrophenol	9.94	139	87296	53.582	ng	# 91
27) 2,4-Dimethylphenol	10.01	122	146040	52.956	ng	96
28) bis(2-Chloroethoxy)methane	10.24	93	212305	45.503	ng	95
29) 2,4-Dichlorophenol	10.48	162	169594	53.873	ng	94
30) 1,2,4-Trichlorobenzene	10.69	180	189852	49.182	ng	99
31) Naphthalene	10.88	128	451861	45.523	ng	98
32) Benzoic acid	10.17	122	65401	35.228	ng	94
33) 4-Chloroaniline	11.01	127	10974	2.537	ng	# 85
34) Hexachlorobutadiene	11.16	225	143611	47.709	ng	98
35) Caprolactam	11.78	113	43459m	32.169	ng	
36) 4-Chloro-3-methylphenol	12.12	107	197338	46.766	ng	95
37) 2-Methylnaphthalene	12.48	142	359050	48.553	ng	95
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	243216	48.686	ng	99
40) Hexachlorocyclopentadiene	12.83	237	313496	119.658	ng	95

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 20 15:28:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	155252	53.142	nq	98
43) 2,4,5-Trichlorophenol	13.17	196	169294	51.800	nq	96
45) 1,1'-Biphenyl	13.49	154	488968	47.650	nq	96
46) 2-Chloronaphthalene	13.53	162	385401	48.284	nq	99
47) 2-Nitroaniline	13.74	65	131288	46.525	nq	95
48) Acenaphthylene	14.38	152	630763	47.175	nq	97
49) Dimethylphthalate	14.11	163	520656	44.898	nq	99
50) 2,6-Dinitrotoluene	14.23	165	121013	51.244	nq	95
51) Acenaphthene	14.72	154	372250	44.693	nq	98
52) 3-Nitroaniline	14.56	138	21076	8.732	nq #	94
53) 2,4-Dinitrophenol	14.77	184	112066	91.273	nq #	60
54) Dibenzofuran	15.05	168	611463	46.161	nq	92
55) 4-Nitrophenol	14.88	139	141486	82.313	nq #	87
56) 2,4-Dinitrotoluene	15.02	165	172397	50.887	nq #	86
57) Fluorene	15.70	166	507266	45.690	nq	97
58) 2,3,4,6-Tetrachlorophenol	15.28	232	157754	50.343	nq	95
59) Diethylphthalate	15.46	149	520221	43.627	nq	98
60) 4-Chlorophenyl-phenylether	15.69	204	298411	45.731	nq	96
61) 4-Nitroaniline	15.72	138	102983	40.790	nq #	82
62) Azobenzene	15.98	77	516176	43.885	nq	95
64) 4,6-Dinitro-2-methylphenol	15.78	198	85478	45.390	nq	85
65) n-Nitrosodiphenylamine	15.91	169	450752	46.810	nq	98
66) 4-Bromophenyl-phenylether	16.58	248	198550	50.588	nq	96
67) Hexachlorobenzene	16.70	284	203005	50.225	nq	97
68) Atrazine	16.85	200	204473	51.574	nq	93
69) Pentachlorophenol	17.05	266	181846	73.865	nq	97
70) Phenanthrene	17.44	178	804919	47.683	nq	98
71) Anthracene	17.53	178	828058	49.264	nq	98
72) Carbazole	17.80	167	737959	46.230	nq	98
73) Di-n-butylphthalate	18.35	149	848162	44.963	nq #	98
74) Fluoranthene	19.45	202	1034342	45.489	nq	95
76) Benzidine	19.63	184	133087	14.473	nq	97
77) Pyrene	19.81	202	1025165	46.352	nq	96
79) Butylbenzylphthalate	20.69	149	393584	49.764	nq	97
80) Benzo(a)anthracene	21.64	228	1029718	47.241	nq	98
81) 3,3'-Dichlorobenzidine	21.56	252	158797	20.894	nq #	96
82) Chrysene	21.71	228	965567	47.803	nq	97
83) Bis(2-ethylhexyl)phthalate	21.54	149	538949	50.123	nq	99
84) Di-n-octyl phthalate	22.74	149	926688	51.473	nq #	93
85) Indeno(1,2,3-cd)pyrene	28.51	276	1115501	49.882	nq #	87
87) Benzo(b)fluoranthene	23.85	252	993488	47.010	nq #	97
88) Benzo(k)fluoranthene	23.91	252	981994	47.529	nq #	98
89) Benzo(a)pyrene	24.71	252	959224	48.788	nq #	97
90) Dibenzo(a,h)anthracene	28.56	278	926106	47.980	nq #	92
91) Benzo(g,h,i)perylene	29.65	276	905558	47.944	nq #	94

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

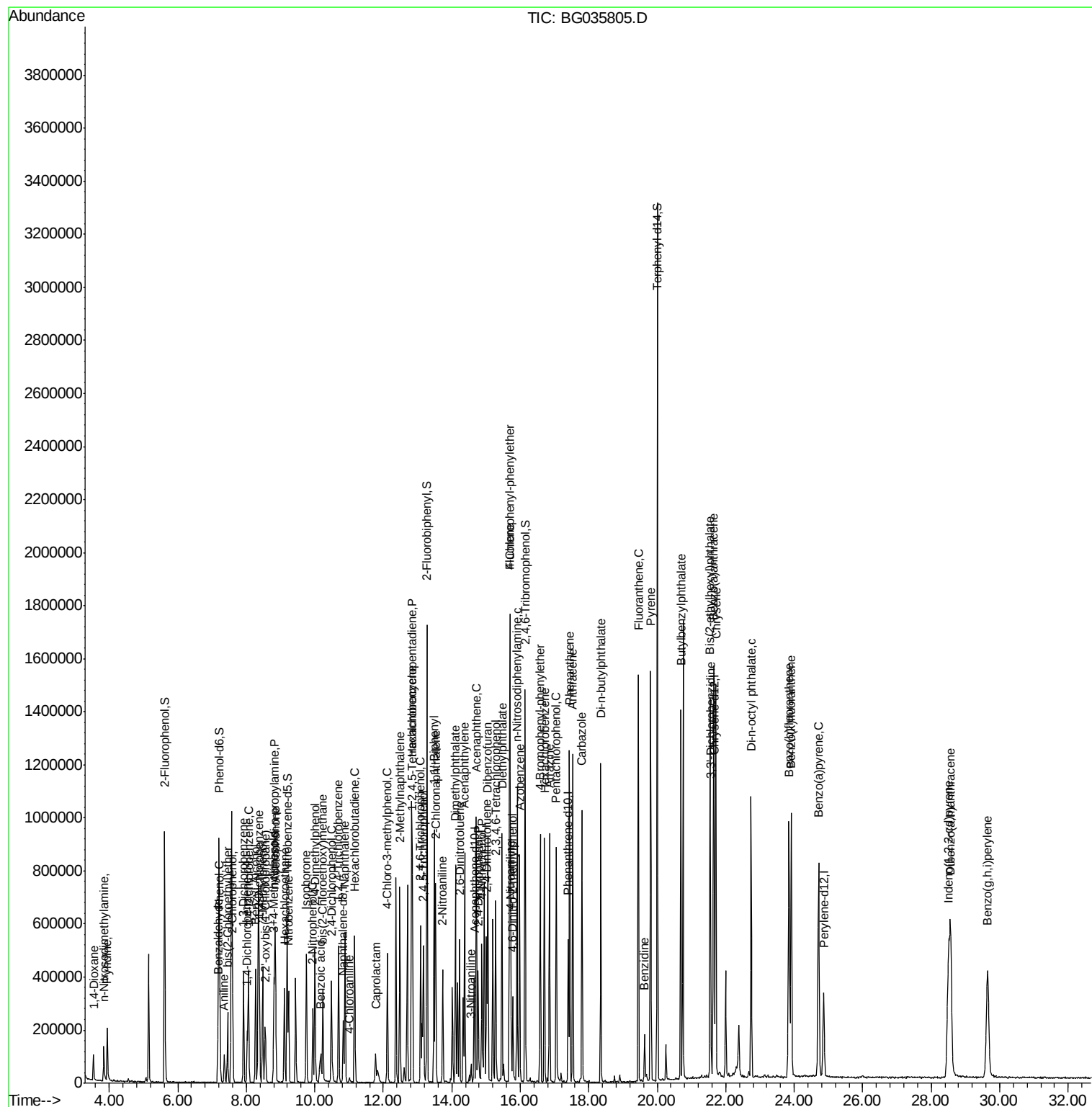
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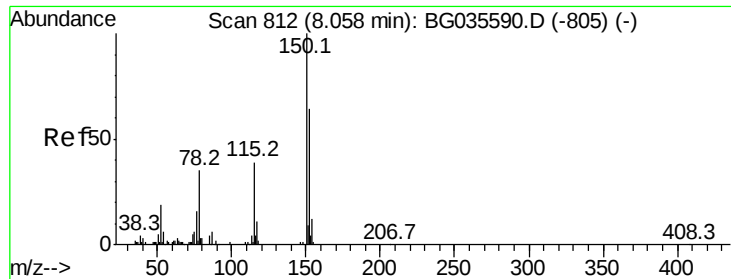
Instrument :
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 BU-01-071918MSD

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.03 min Scan# 807

Delta R.T. -0.00 min

Lab File: BG035805.D

Acq: 21 Jul 2018 5:12

Instrument :

BNA_G

ClientSampleId :

BU-01-071918MSD

Tot Ion:152 Resp: 53499

Ion Ratio Lower Upper

152 100

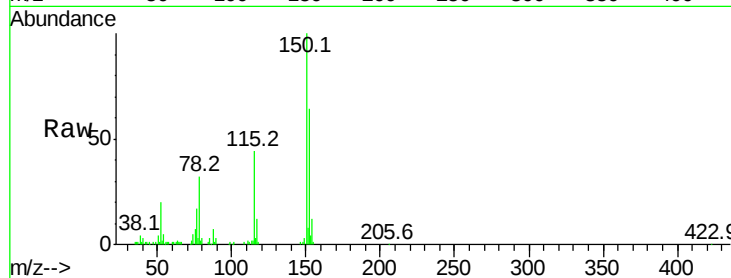
150 156.2 126.6 189.8

115 68.0 53.0 79.4

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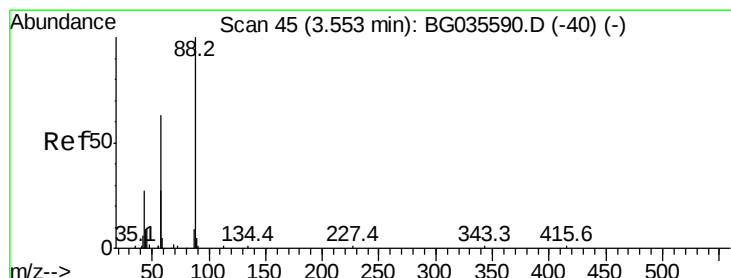
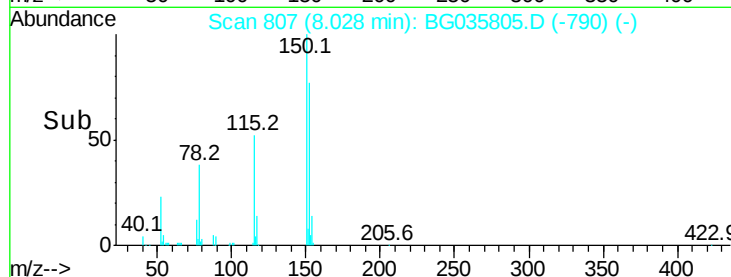
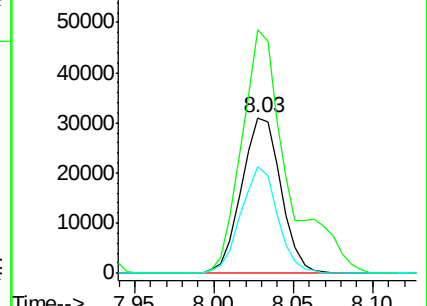
7/23/2018 2:19:17 PM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 30.570 ng

RT: 3.54 min Scan# 43

Delta R.T. 0.01 min

Lab File: BG035805.D

Acq: 21 Jul 2018 5:12

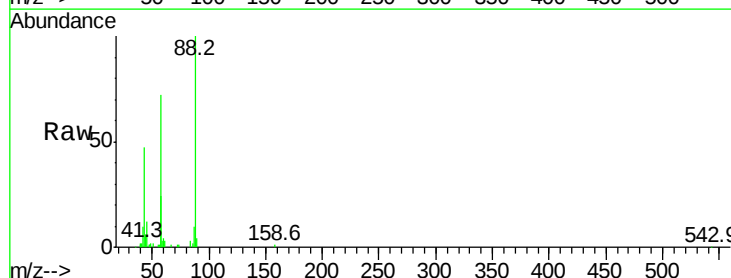
Tgt Ion: 88 Resp: 50138

Ion Ratio Lower Upper

88 100

58 69.6 79.6 119.4#

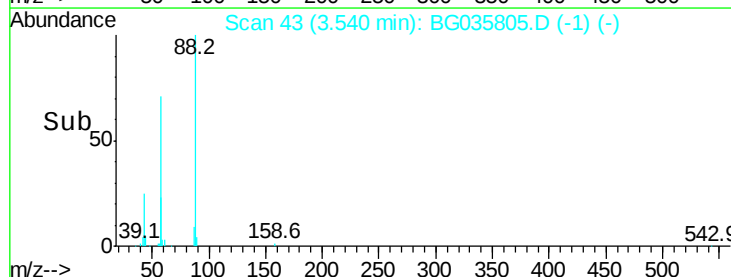
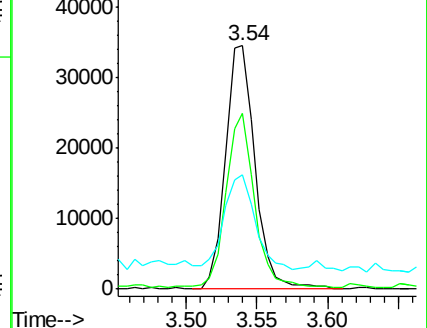
43 40.4 27.4 41.0

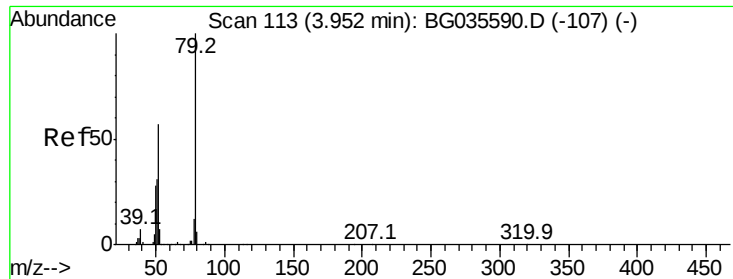


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 28.926 ng

RT: 3.94 min Scan# 111

Delta R.T. 0.01 min

Lab File: BG035805.D

Acq: 21 Jul 2018 5:12

Instrument :

BNA_G

ClientSampleId :

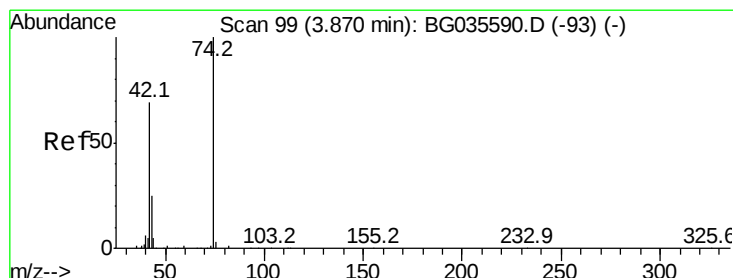
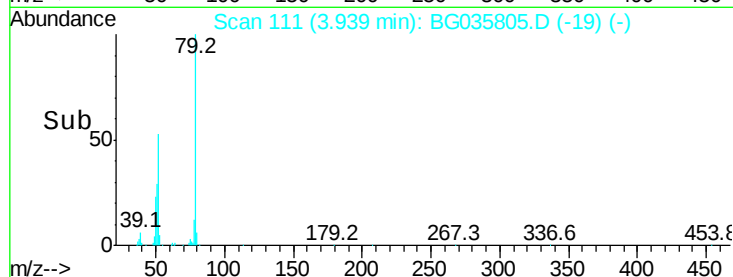
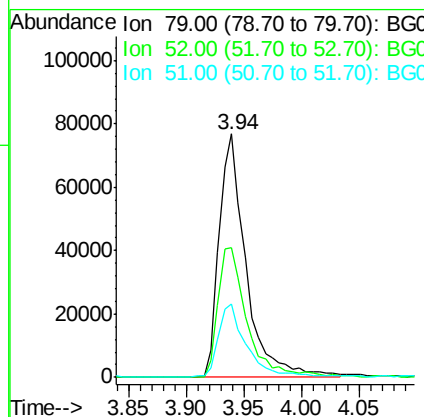
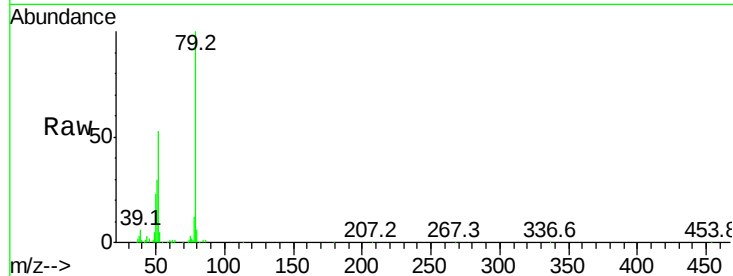
BU-01-071918MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
52	53.4	69.9	104.9#		
51	30.3	34.0	51.0#		

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#4

n-Nitrosodimethylamine

Concen: 33.595 ng

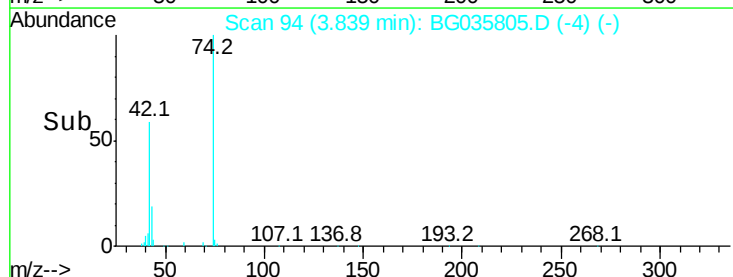
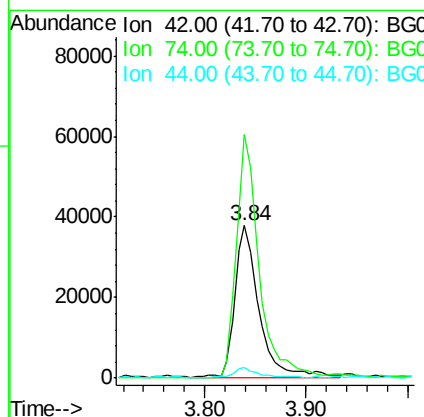
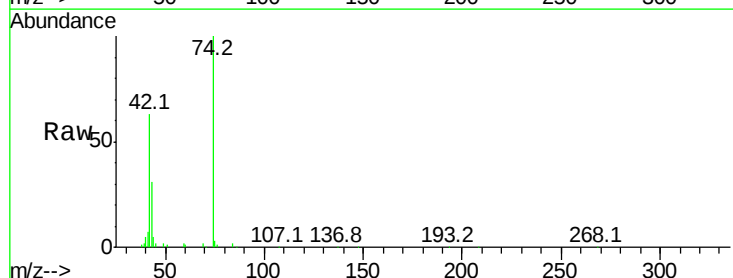
RT: 3.84 min Scan# 94

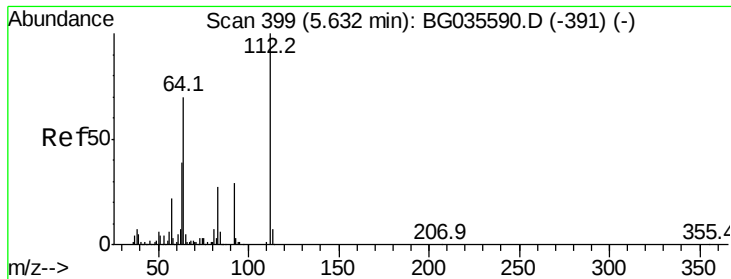
Delta R.T. -0.00 min

Lab File: BG035805.D

Acq: 21 Jul 2018 5:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100				
74	159.7	102.5	153.7#		
44	7.4	18.9	28.3#		





#5

2-Fluorophenol

Concen: 131.896 ng

RT: 5.62 min Scan# 397

Delta R.T. 0.01 min

Lab File: BG035805.D

Acq: 21 Jul 2018 5:12

Instrument :

BNA_G

ClientSampleId :

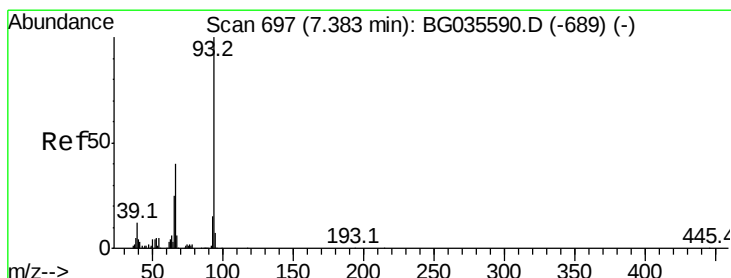
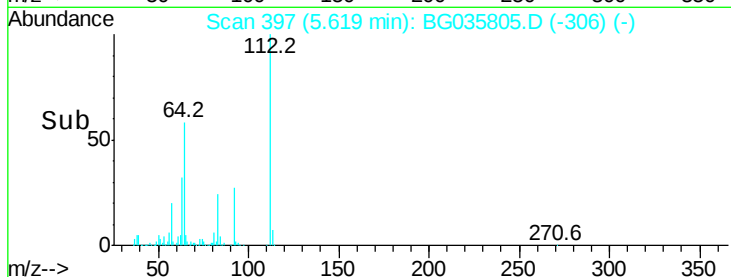
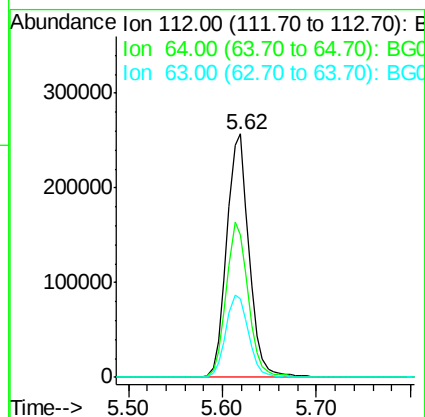
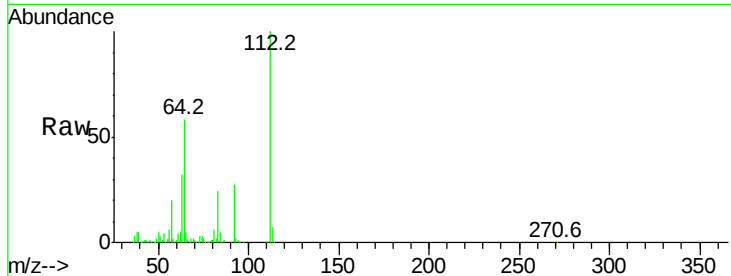
BU-01-071918MSD

Tot Ion:	112	Resp:	425017
Ion Ratio	Lower	Upper	
112	100		
64	58.4	56.3	84.5
63	32.3	30.1	45.1

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#6

Aniline

Concen: 11.663 ng

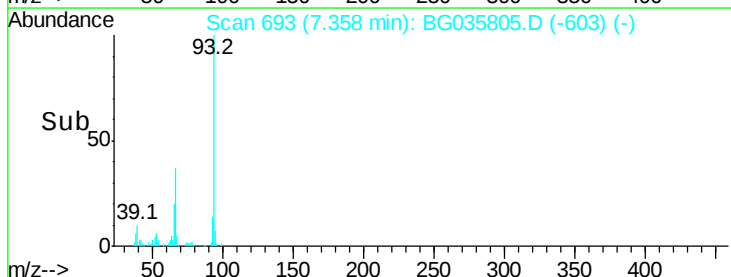
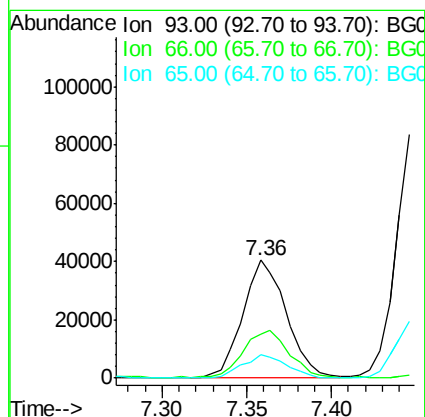
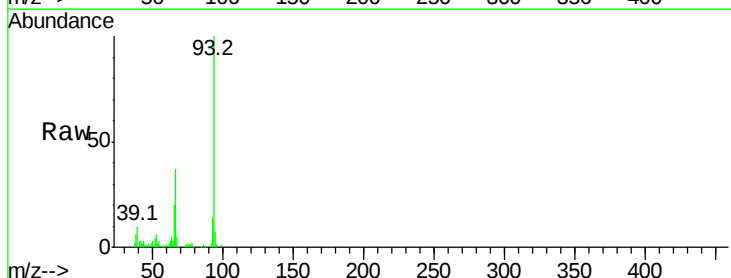
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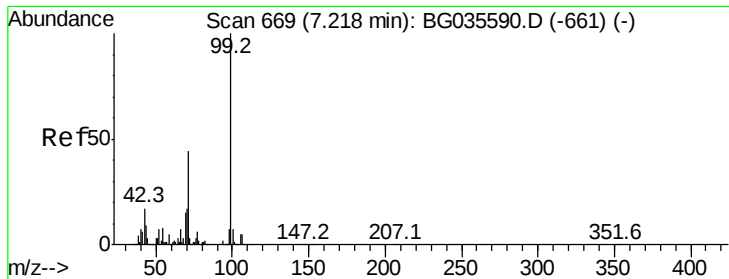
Delta R.T. -0.00 min

Lab File: BG035805.D

Acq: 21 Jul 2018 5:12

Tgt Ion:	93	Resp:	72680
Ion Ratio	Lower	Upper	
93	100		
66	37.4	33.7	50.5
65	20.2	16.1	24.1





#7

Phenol-d6

Concen: 116.960 ng

RT: 7.21 min Scan# 667

Delta R.T. 0.01 min

Lab File: BG035805.D

Acq: 21 Jul 2018 5:12

Instrument :

BNA_G

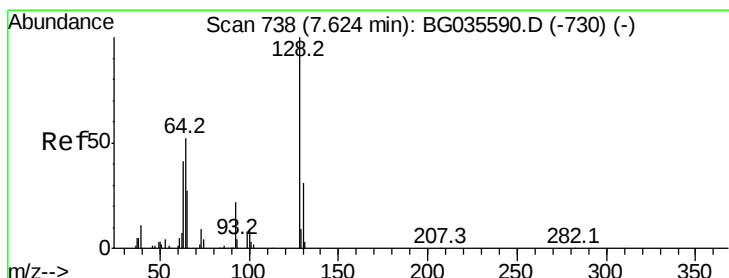
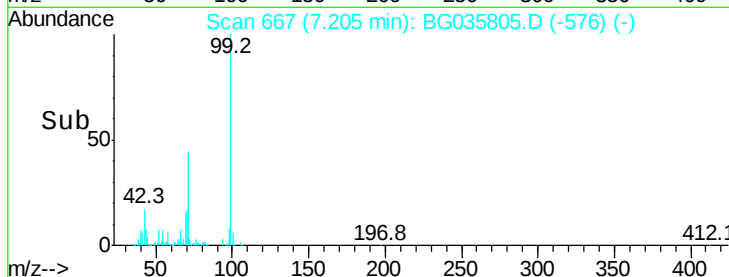
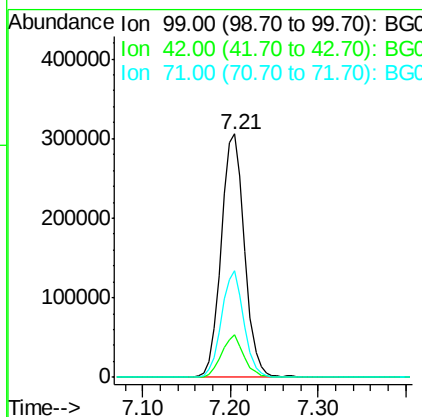
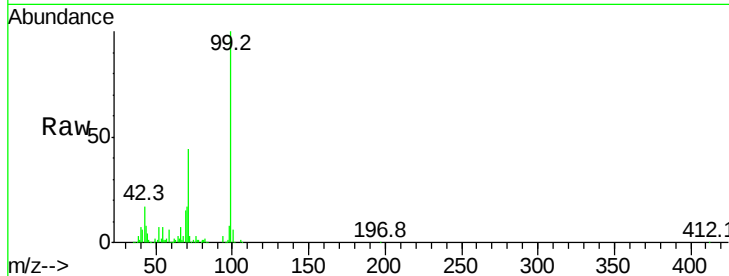
ClientSampleId :

BU-01-071918MSD

Tot Ion	Ratio	Resp Lower	Upper
99	100		
42	17.4	14.1	21.1
71	43.6	26.1	39.1

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#8

2-Chlorophenol

Concen: 44.583 ng

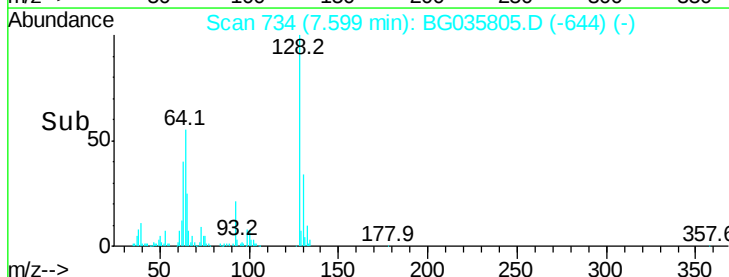
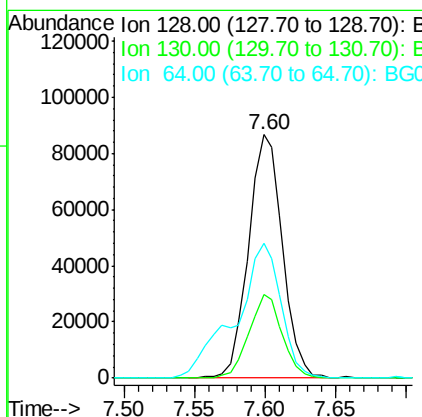
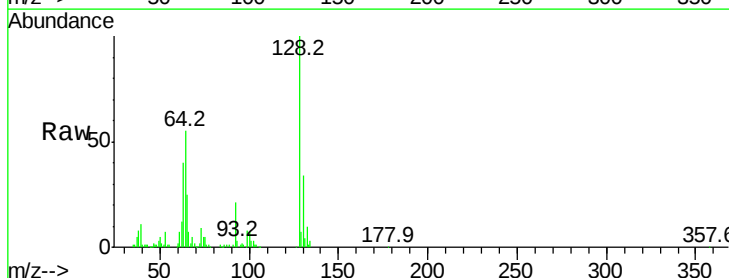
RT: 7.60 min Scan# 734

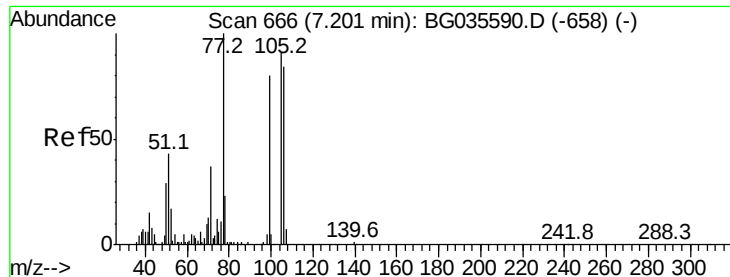
Delta R.T. -0.00 min

Lab File: BG035805.D

Acq: 21 Jul 2018 5:12

Tgt Ion	Ratio	Resp Lower	Upper
128	100		
130	34.2	14.0	54.0
64	55.4	37.7	77.7





#9

Benzaldehyde

Concen: 27.185 ng

RT: 7.17 min Scan# 661

Delta R.T. -0.00 min

Lab File: BG035805.D

Acq: 21 Jul 2018 5:12

Instrument :

BNA_G

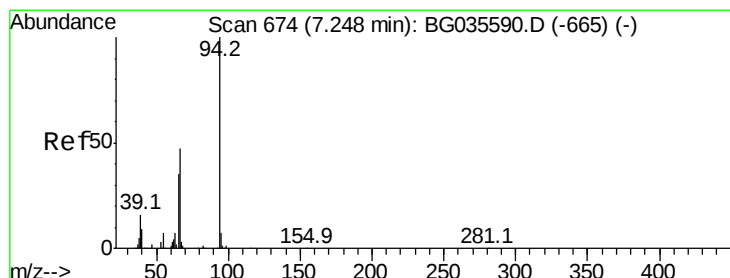
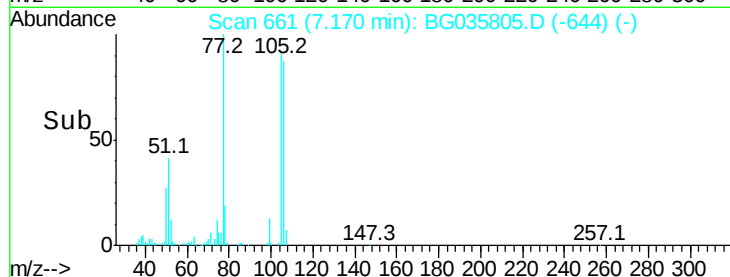
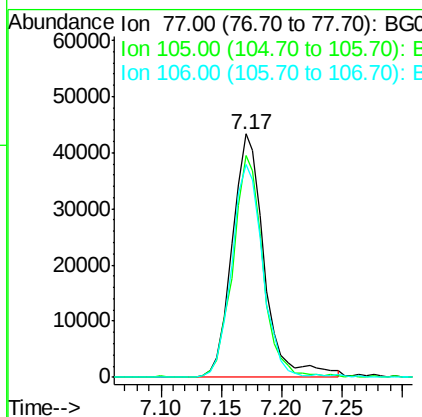
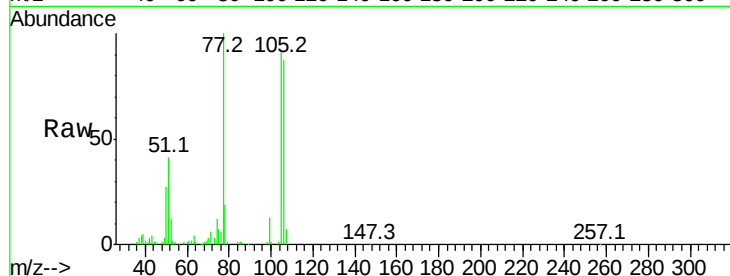
ClientSampleId :

BU-01-071918MSD

Tot Ion:	77	Resp:	80193
Ion	Ratio	Lower	Upper
77	100		
105	91.0	71.3	111.3
106	87.4	64.2	104.2

Manual Integrations
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#10

Phenol

Concen: 38.222 ng

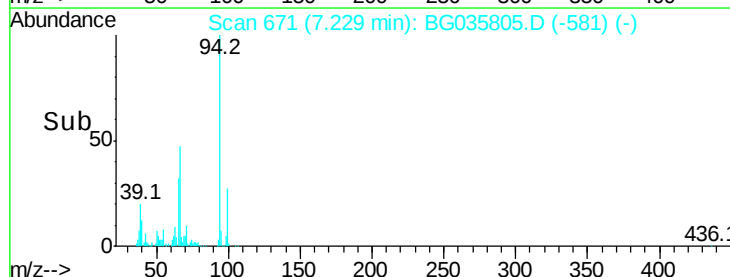
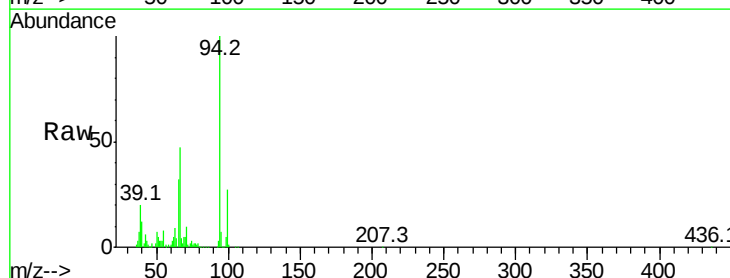
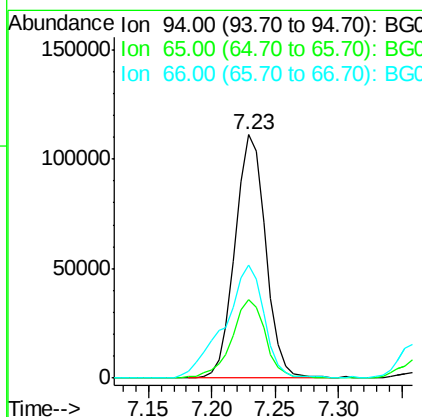
RT: 7.23 min Scan# 671

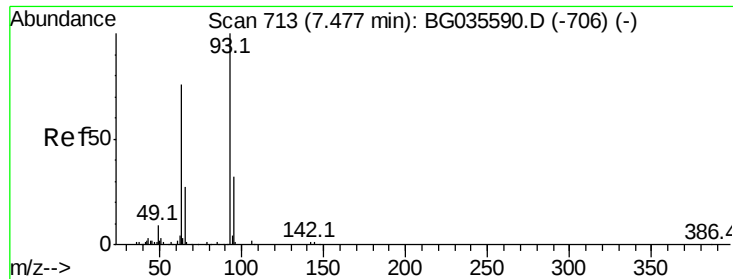
Delta R.T. -0.00 min

Lab File: BG035805.D

Acq: 21 Jul 2018 5:12

Tgt Ion:	94	Resp:	185653
Ion	Ratio	Lower	Upper
94	100		
65	32.1	11.9	51.9
66	46.7	22.2	62.2





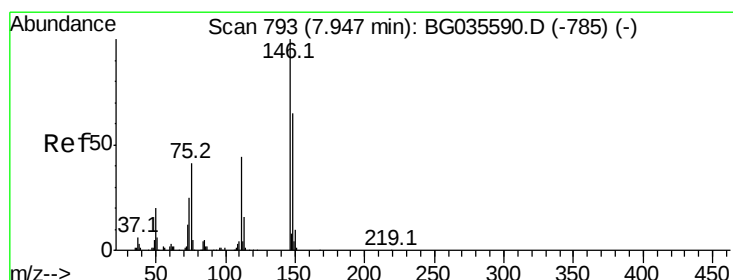
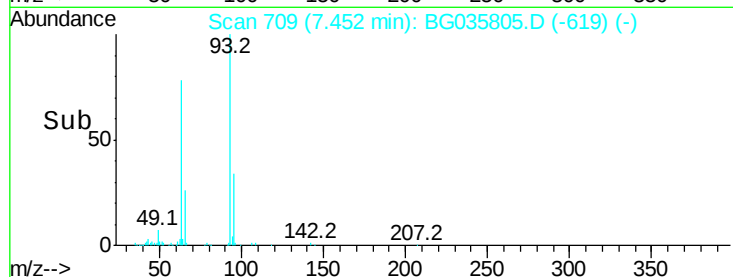
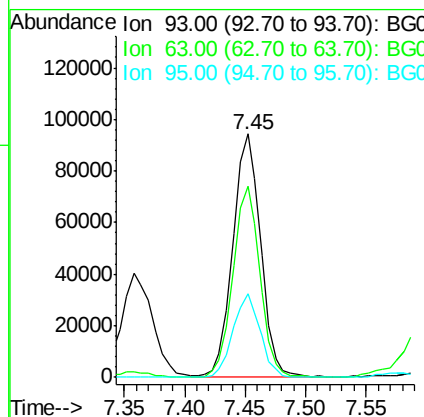
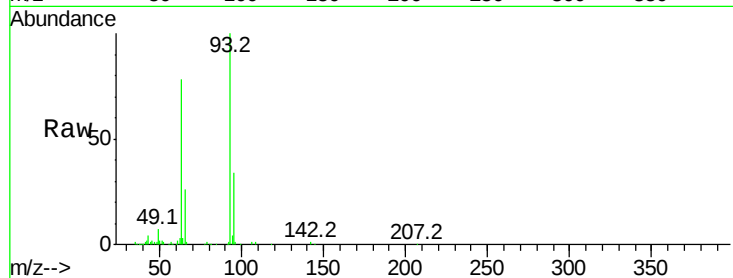
#11
bis(2-Chloroethyl)ether
Concen: 39.740 ng
RT: 7.45 min Scan# 709
Delta R.T. -0.00 min
Lab File: BG035805.D
Acq: 21 Jul 2018 5:12

Instrument :
BNA_G
ClientSampleId :
BU-01-071918MSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	78.4	67.1	107.1	
95	34.2	11.5	51.5	

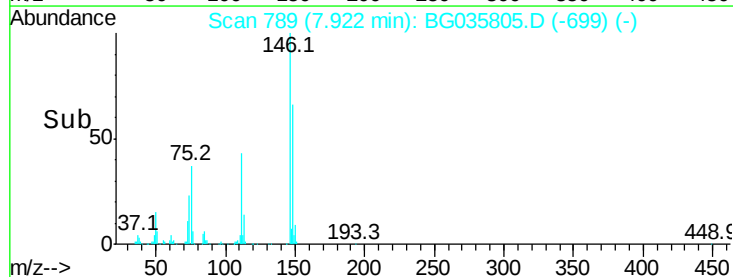
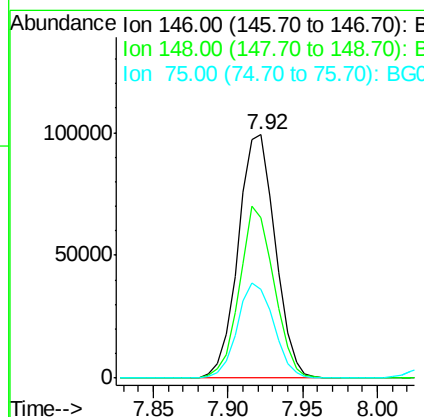
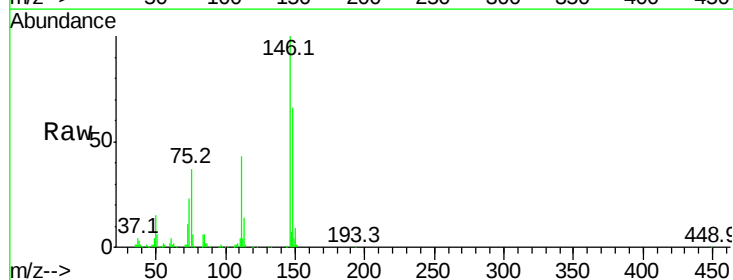
Manual Integrations
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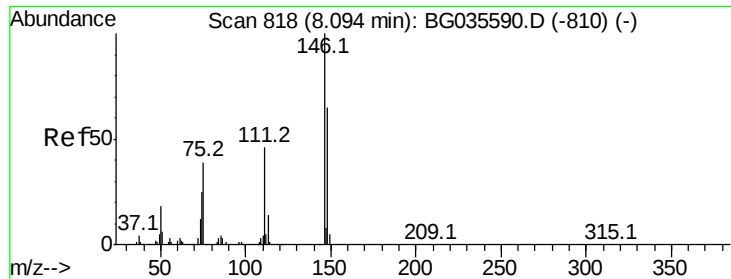
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#12
1,3-Dichlorobenzene
Concen: 43.120 ng
RT: 7.92 min Scan# 789
Delta R.T. -0.00 min
Lab File: BG035805.D
Acq: 21 Jul 2018 5:12

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	65.7	51.4	77.2	
75	36.6	26.6	39.8	





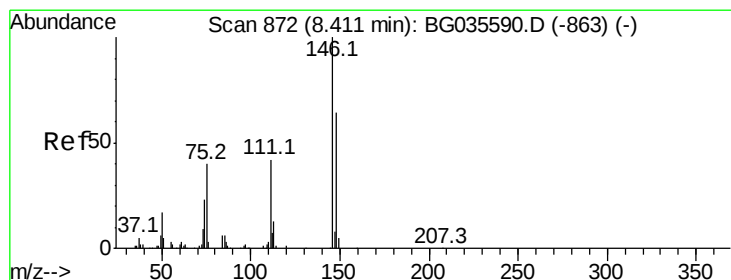
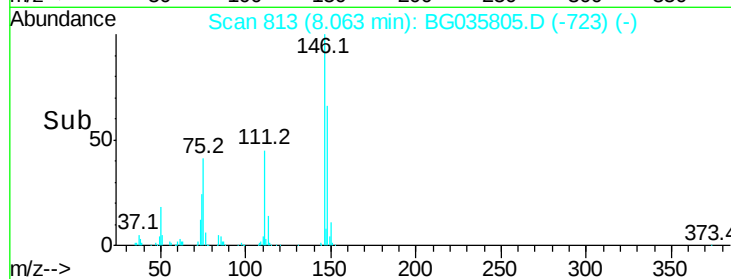
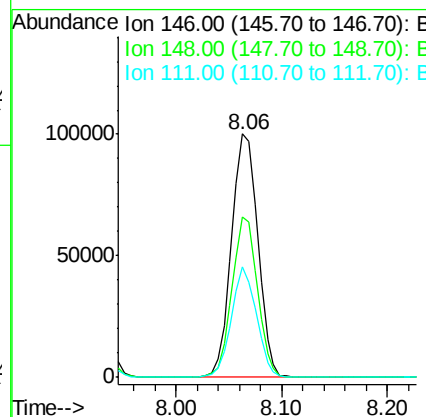
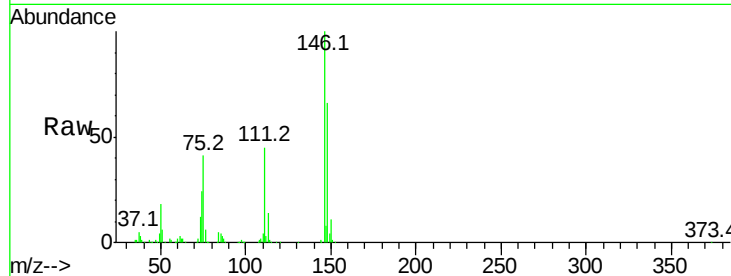
#13
 1,4-Dichlorobenzene
 Concen: 42.910 ng
 RT: 8.06 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BG035805.D
 Acq: 21 Jul 2018 5:12

Instrument :
 BNA_G
 ClientSampleId :
 BU-01-071918MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.6	53.7	80.5
111	45.5	35.2	52.8

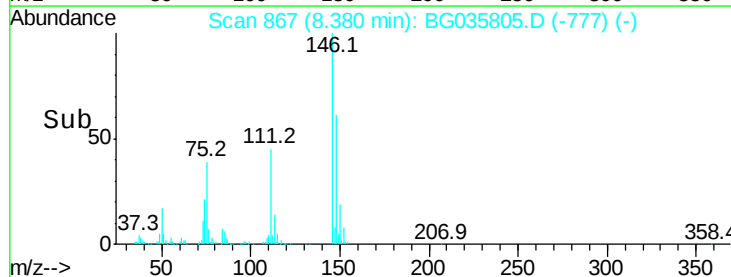
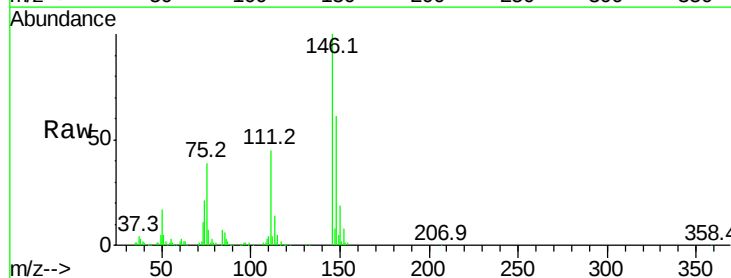
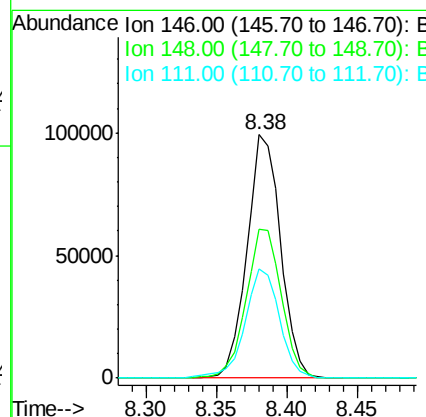
Manual Integrations
 APPROVED

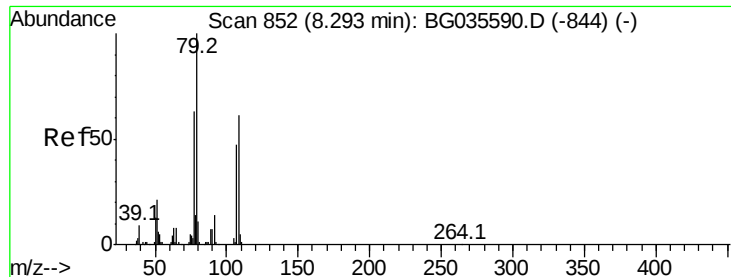
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 42.846 ng
 RT: 8.38 min Scan# 867
 Delta R.T. -0.00 min
 Lab File: BG035805.D
 Acq: 21 Jul 2018 5:12

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.4	49.3	73.9
111	44.7	34.3	51.5





#15

Benzyl Alcohol

Concen: 39.967 ng

RT: 8.27 min Scan# 848

Delta R.T. -0.00 min

Lab File: BG035805.D

Acq: 21 Jul 2018 5:12

Instrument :

BNA_G

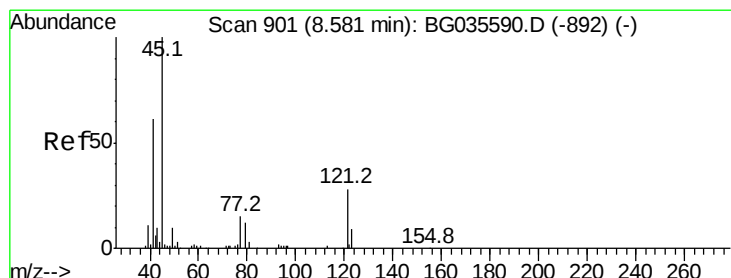
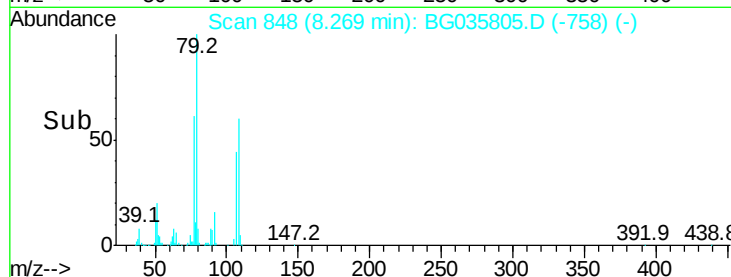
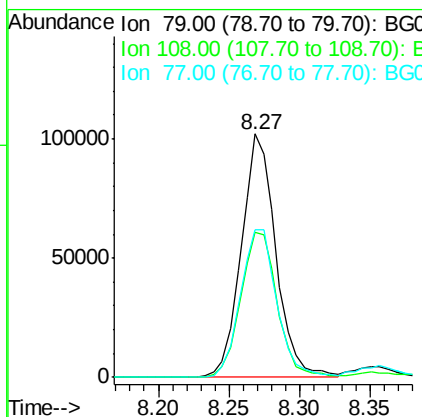
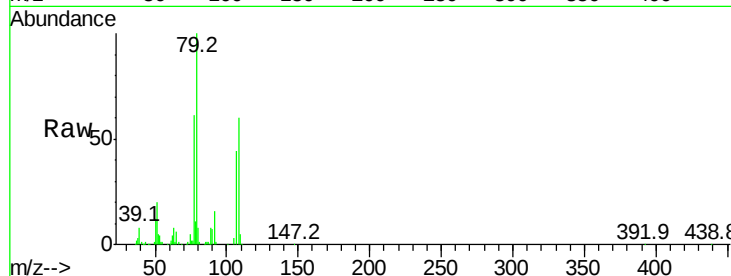
ClientSampleId :

BU-01-071918MSD

Tot Ion:	79	Resp:	174492
Ion Ratio	Lower	Upper	
79	100		
108	59.7	57.2	85.8
77	60.6	46.1	69.1

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 53.843 ng

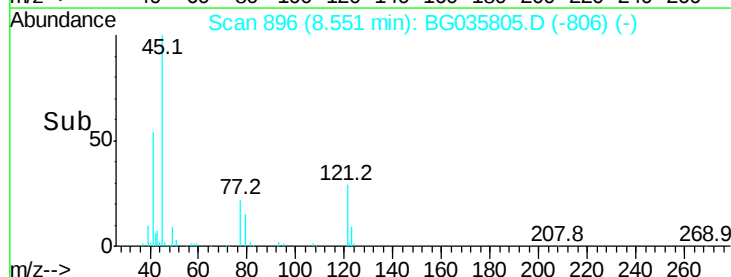
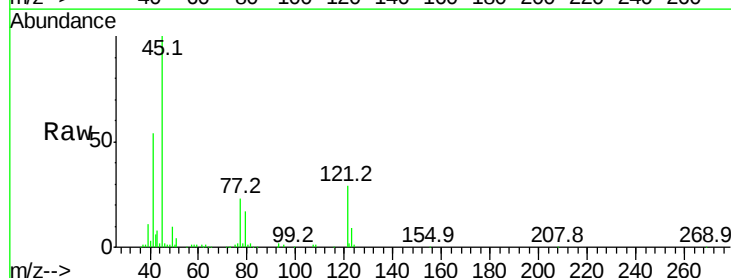
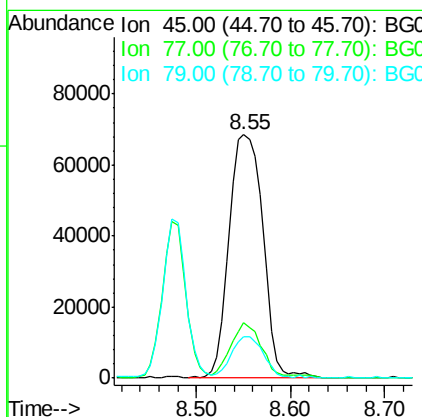
RT: 8.55 min Scan# 896

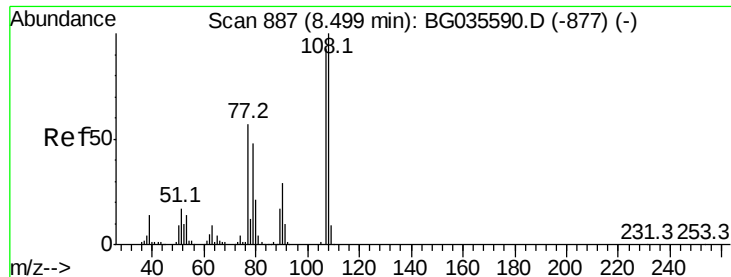
Delta R.T. -0.00 min

Lab File: BG035805.D

Acq: 21 Jul 2018 5:12

Tgt Ion:	45	Resp:	171711
Ion Ratio	Lower	Upper	
45	100		
77	23.0	0.0	30.2
79	17.2	0.0	27.9





#17

2-Methylphenol

Concen: 42.636 ng

RT: 8.48 min Scan# 884

Delta R.T. 0.01 min

Lab File: BG035805.D

Acq: 21 Jul 2018 5:12

Instrument :

BNA_G

ClientSampleId :

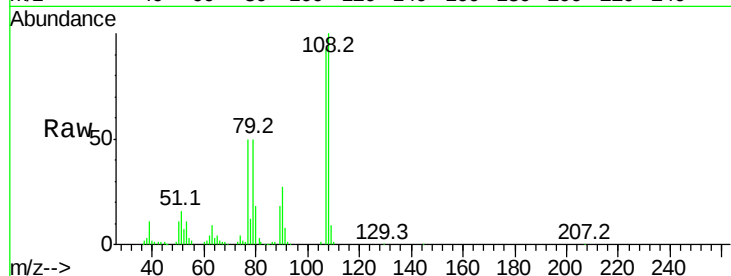
BU-01-071918MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	107.6	83.9	125.9	
77	53.3	37.2	55.8	
79	54.1	36.2	54.2	

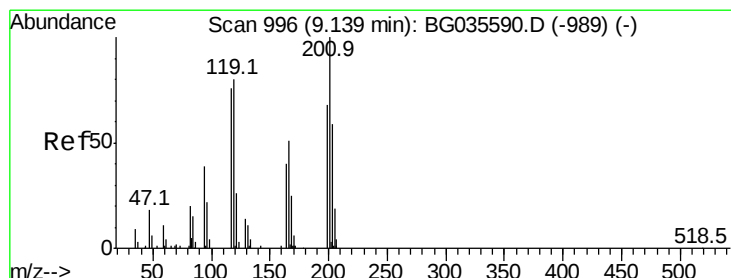
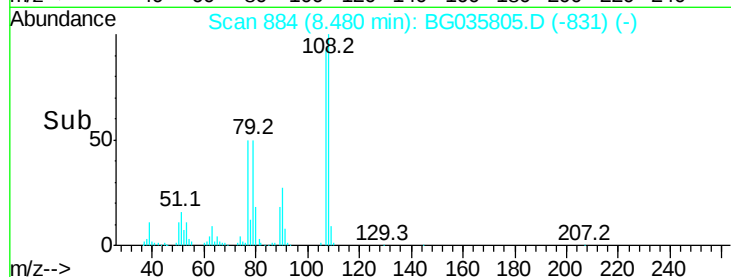
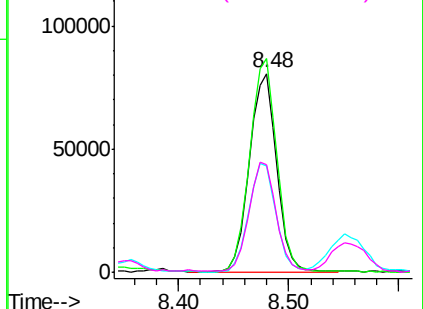
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Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 41.474 ng

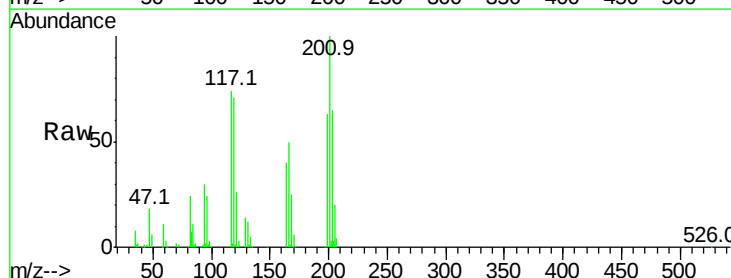
RT: 9.11 min Scan# 991

Delta R.T. -0.00 min

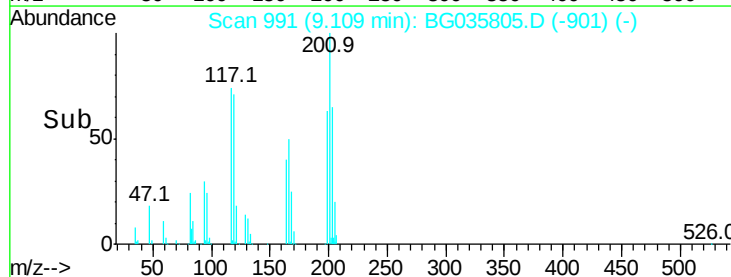
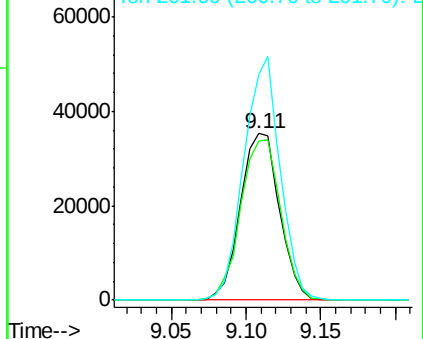
Lab File: BG035805.D

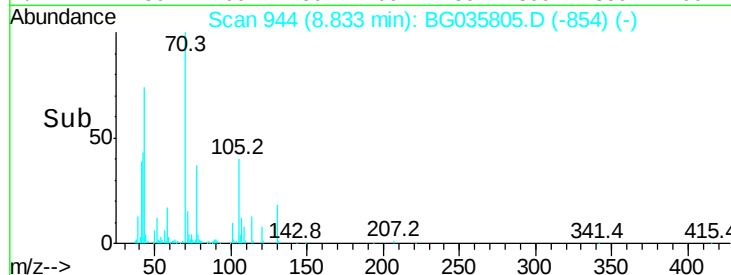
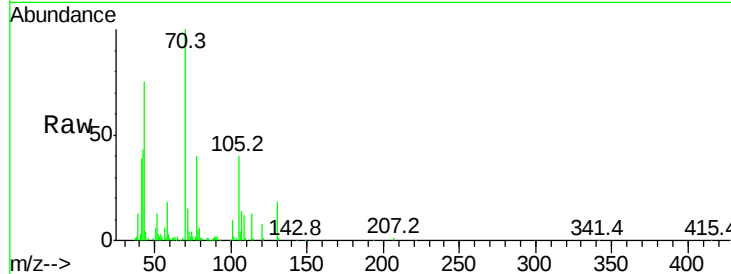
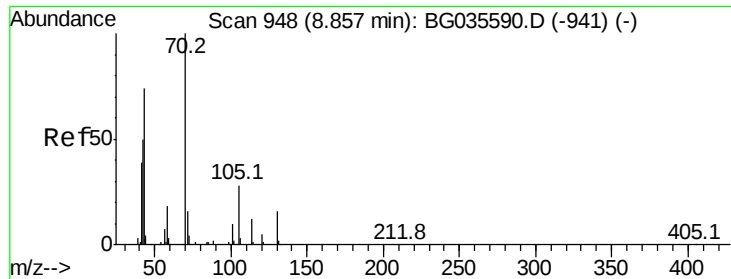
Acq: 21 Jul 2018 5:12

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.5	76.7	115.1	
201	135.4	95.7	143.5	



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





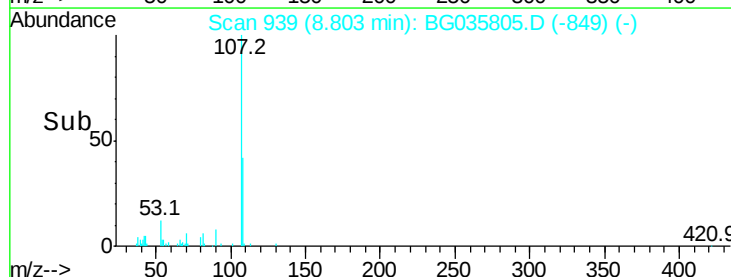
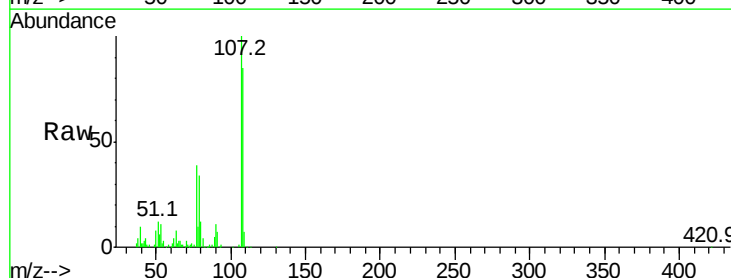
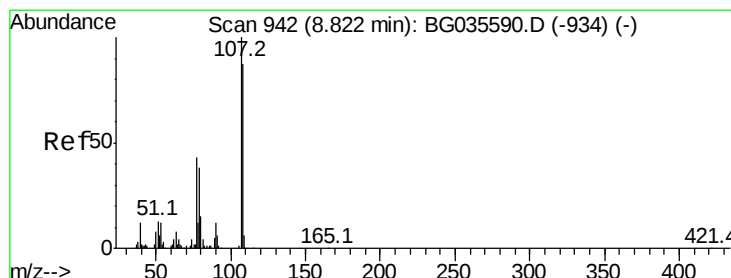
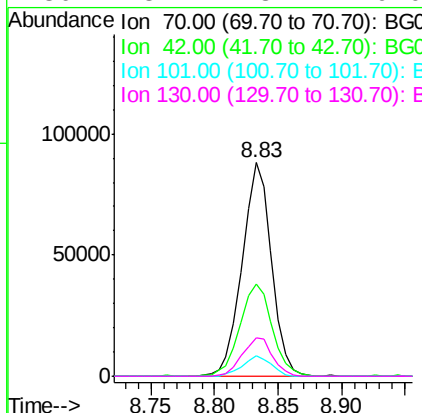
#19
n-Nitroso-di-n-propylamine
Concen: 34.843 ng
RT: 8.83 min Scan# 944
Delta R.T. -0.00 min
Lab File: BG035805.D
Acq: 21 Jul 2018 5:12

Instrument :
BNA_G
ClientSampleId :
BU-01-071918MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	43.4	49.1	73.7#
101	9.7	8.5	12.7
130	18.2	13.4	20.0

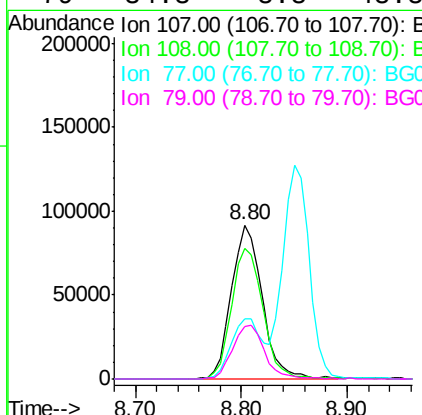
Manual Integrations
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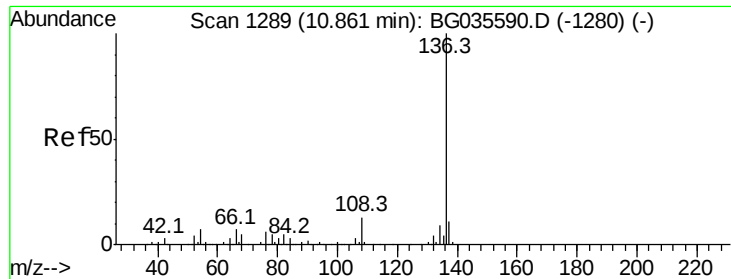
Sohil
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#20
3+4-Methylphenols
Concen: 40.314 ng
RT: 8.80 min Scan# 939
Delta R.T. -0.00 min
Lab File: BG035805.D
Acq: 21 Jul 2018 5:12

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.1	61.6	101.6
77	39.2	13.9	53.9
79	34.3	8.8	48.8





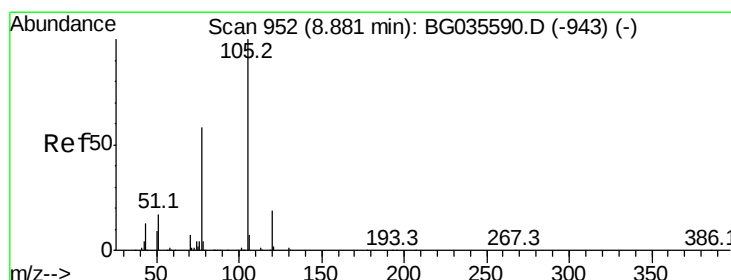
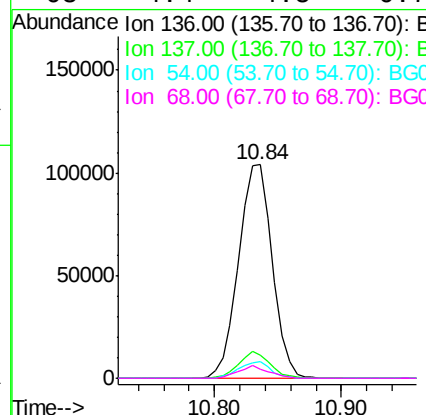
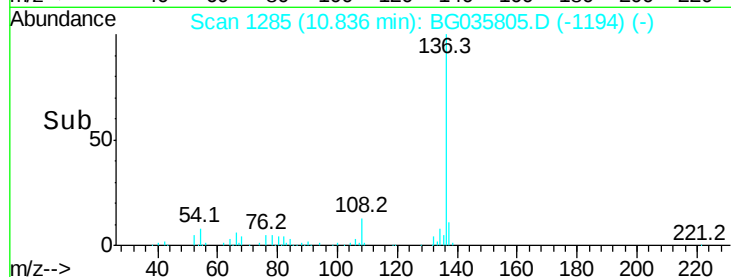
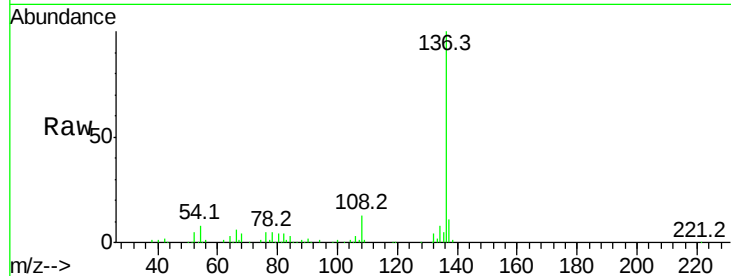
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1285
Delta R.T. 0.01 min
Lab File: BG035805.D
Acq: 21 Jul 2018 5:12

Instrument :
BNA_G
ClientSampleId :
BU-01-071918MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	9.2	13.8	
54	7.8	10.3	15.5#	
68	4.4	4.5	6.7#	

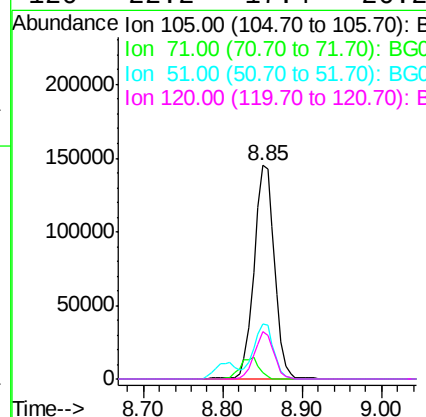
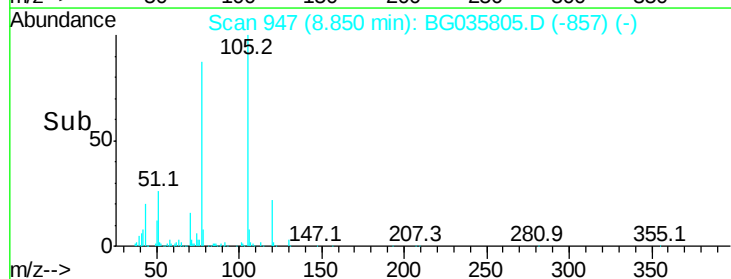
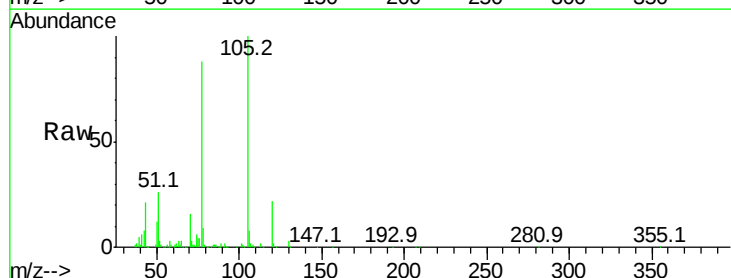
Manual Integrations
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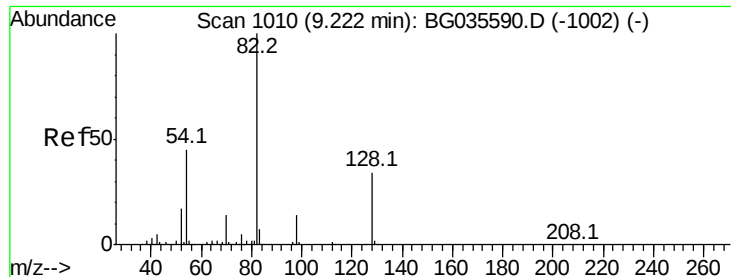
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#22
Acetophenone
Concen: 43.843 ng
RT: 8.85 min Scan# 947
Delta R.T. -0.00 min
Lab File: BG035805.D
Acq: 21 Jul 2018 5:12

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	2.8	3.0	4.4#	
51	25.9	26.1	39.1#	
120	22.2	17.4	26.2	





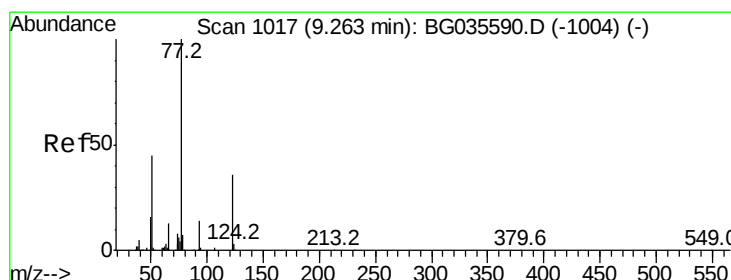
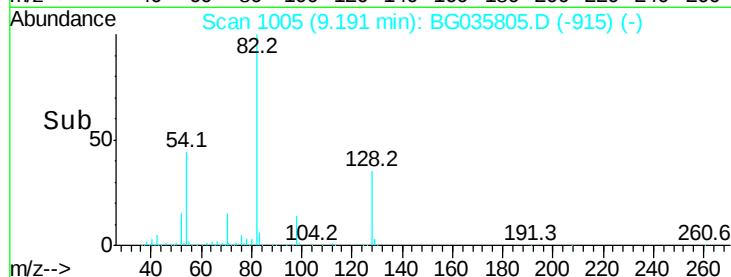
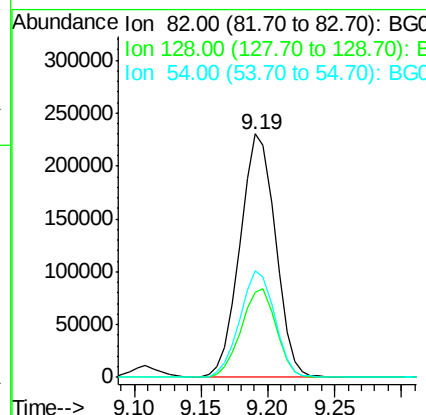
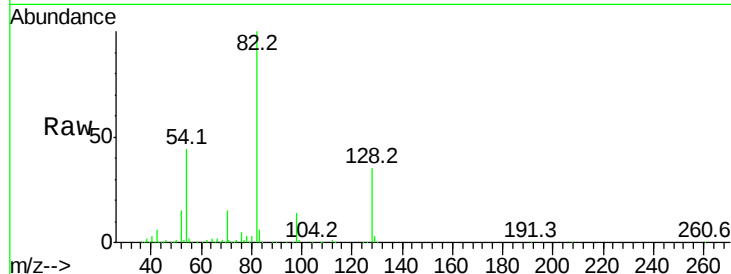
#23
Nitrobenzene-d5
Concen: 92.871 ng
RT: 9.19 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BG035805.D
Acq: 21 Jul 2018 5:12

Instrument :
BNA_G
ClientSampleId :
BU-01-071918MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	34.8	29.7	44.5
54	43.6	43.1	64.7

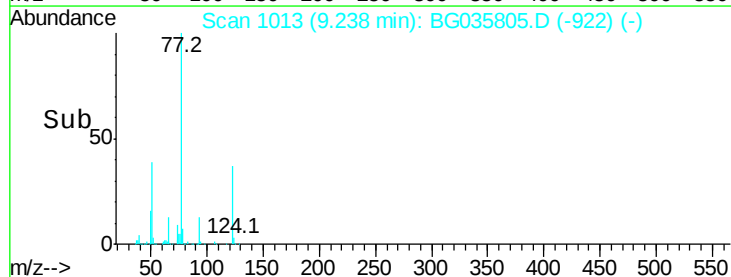
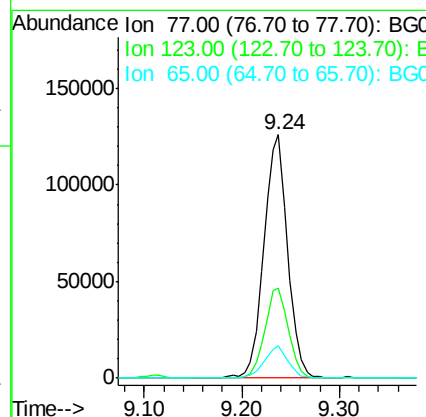
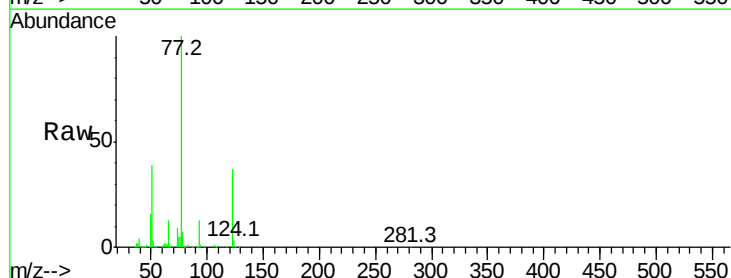
Manual Integrations
APPROVED

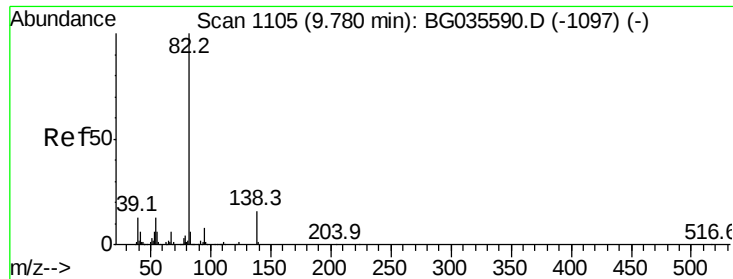
Sohil
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#24
Nitrobenzene
Concen: 47.025 ng
RT: 9.24 min Scan# 1013
Delta R.T. 0.01 min
Lab File: BG035805.D
Acq: 21 Jul 2018 5:12

Tgt Ion	Ratio	Lower	Upper
77	100		
123	36.8	33.0	49.6
65	13.2	13.0	19.6





#25

Isophorone

Concen: 47.338 ng

RT: 9.75 min Scan# 1101

Delta R.T. -0.00 min

Lab File: BG035805.D

Acq: 21 Jul 2018 5:12

Instrument :

BNA_G

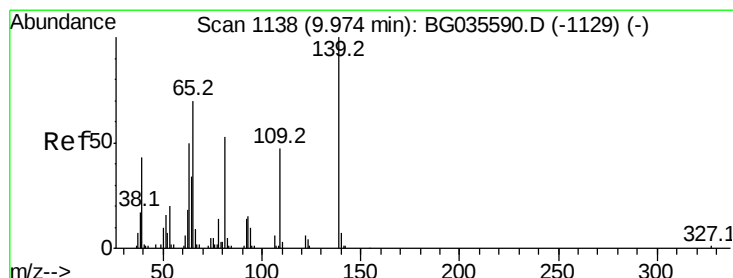
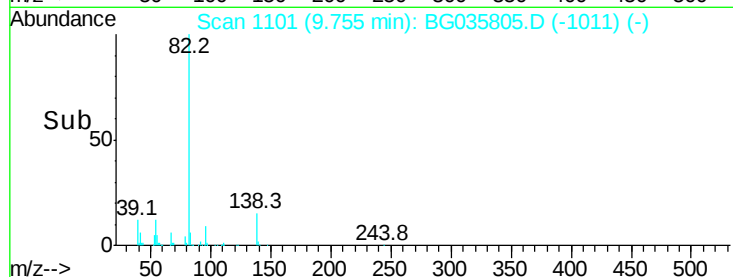
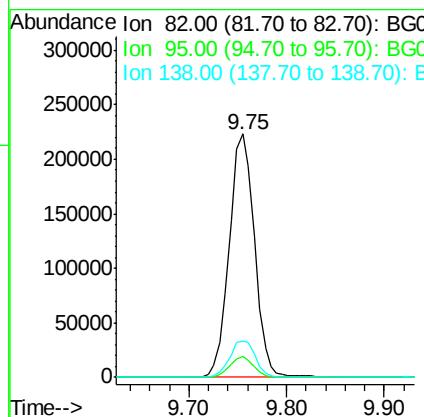
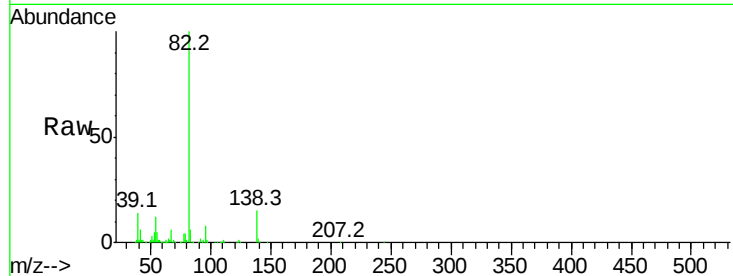
ClientSampleId :

BU-01-071918MSD

Tot Ion	82	Resp	400831
Ion Ratio	Lower	Upper	
82	100		
95	8.4	6.2	9.2
138	14.8	12.1	18.1

Manual Integrations
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#26

2-Nitrophenol

Concen: 53.582 ng

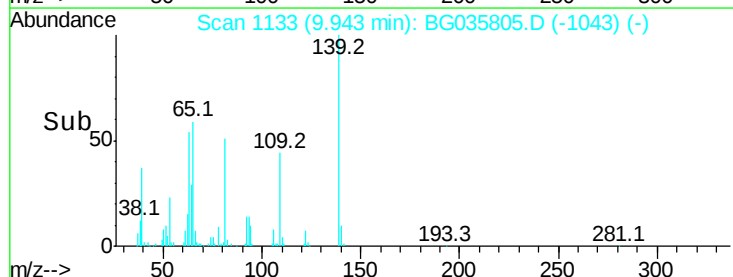
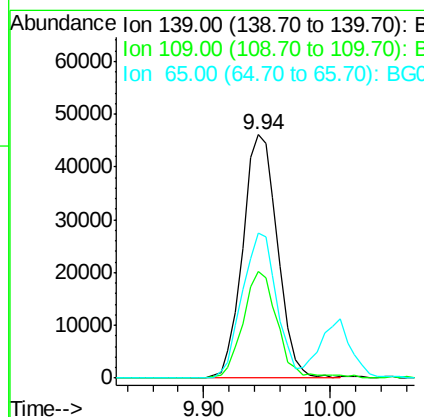
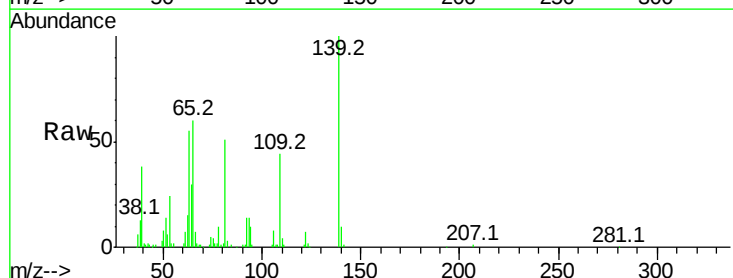
RT: 9.94 min Scan# 1133

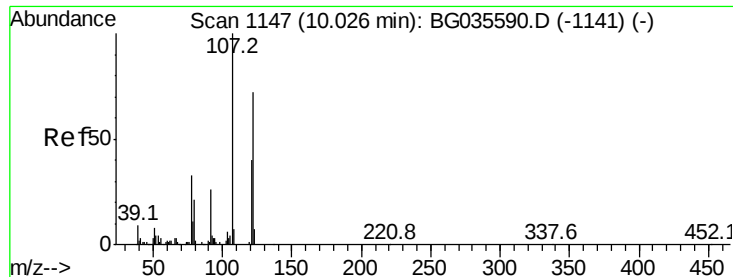
Delta R.T. -0.00 min

Lab File: BG035805.D

Acq: 21 Jul 2018 5:12

Tgt Ion	139	Resp	87296
Ion Ratio	Lower	Upper	
139	100		
109	43.8	24.2	36.2#
65	59.7	47.4	71.0





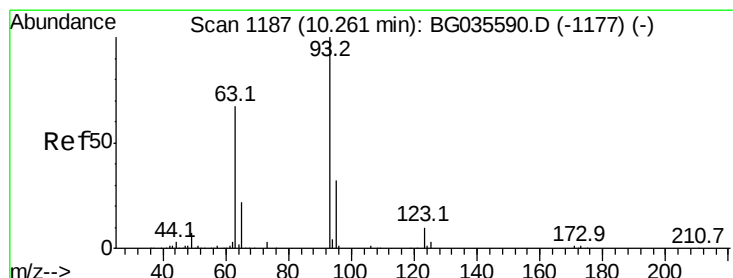
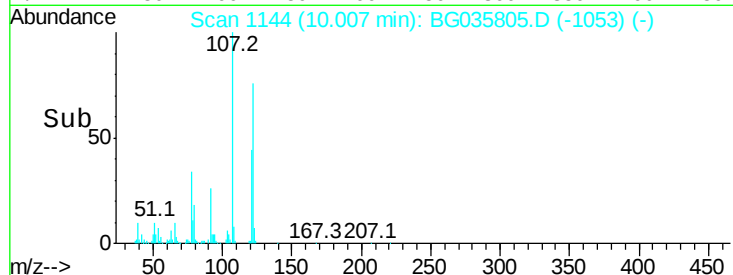
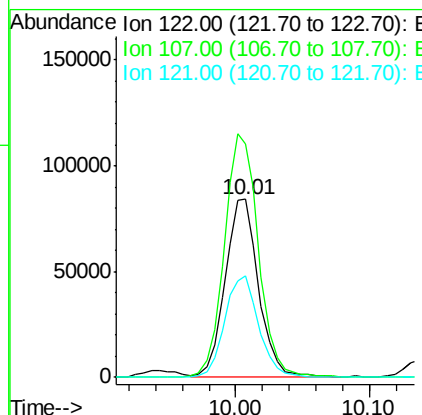
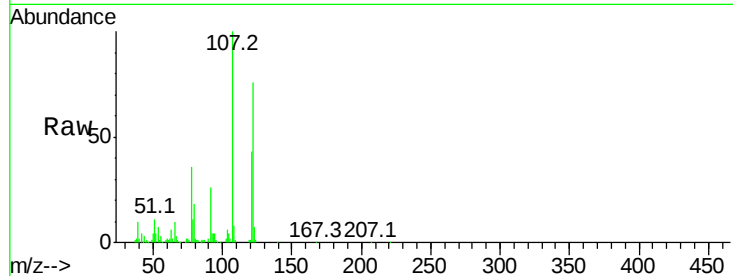
#27
 2,4-Dimethylphenol
 Concen: 52.956 ng
 RT: 10.01 min Scan# 1144
 Delta R.T. 0.01 min
 Lab File: BG035805.D
 Acq: 21 Jul 2018 5:12

Instrument :
 BNA_G
 ClientSampleId :
 BU-01-071918MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	131.5	100.2	150.2
121	57.0	44.4	66.6

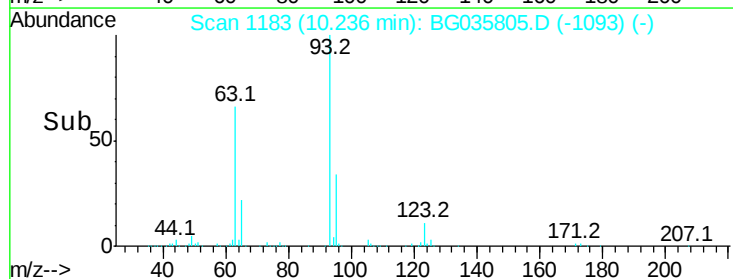
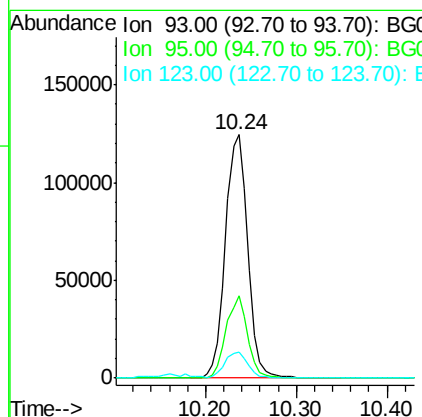
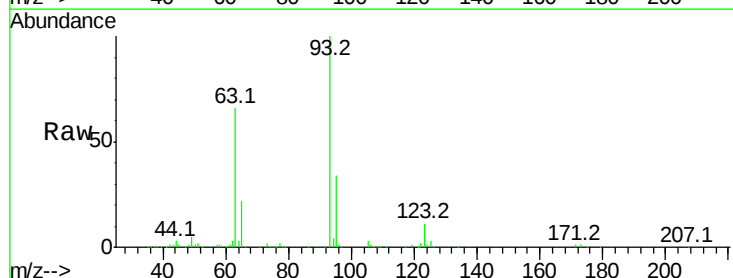
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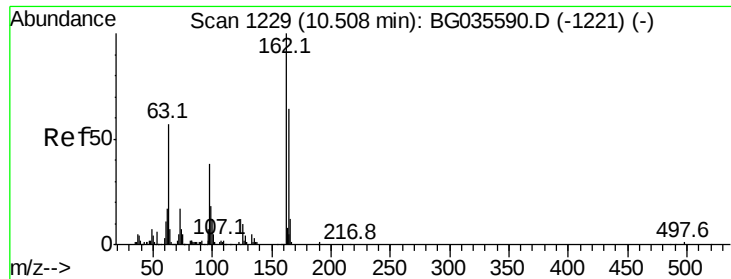
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#28
 bis(2-Chloroethoxy)methane
 Concen: 45.503 ng
 RT: 10.24 min Scan# 1183
 Delta R.T. -0.00 min
 Lab File: BG035805.D
 Acq: 21 Jul 2018 5:12

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.9	24.3	36.5
123	10.9	8.4	12.6





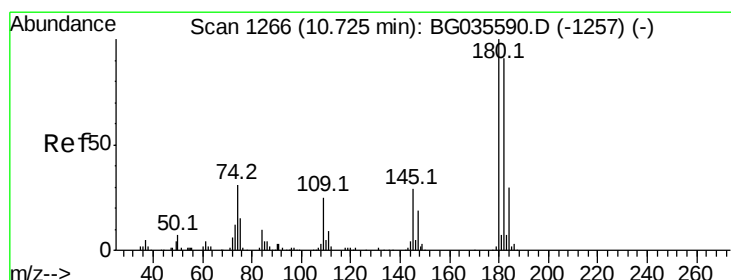
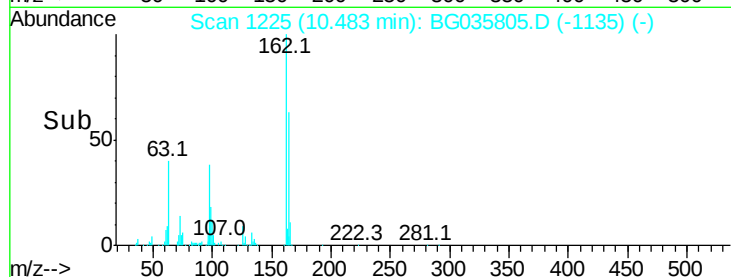
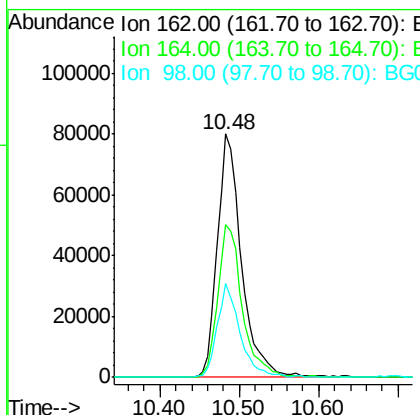
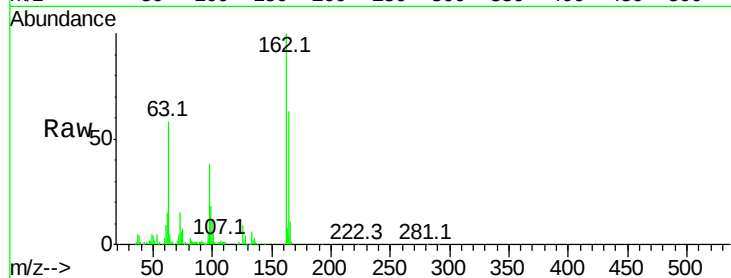
#29
 2,4-Dichlorophenol
 Concen: 53.873 ng
 RT: 10.48 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: BG035805.D
 Acq: 21 Jul 2018 5:12

Instrument :
 BNA_G
 ClientSampleId :
 BU-01-071918MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	62.8	48.0	88.0
98	38.3	21.1	61.1

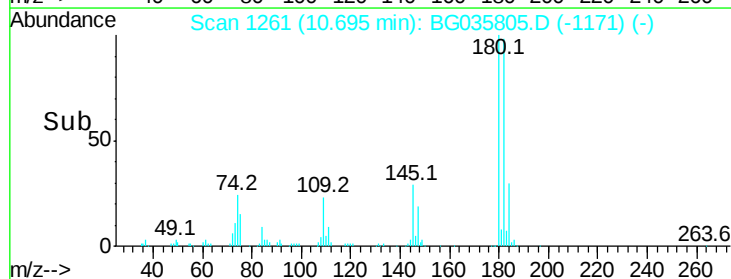
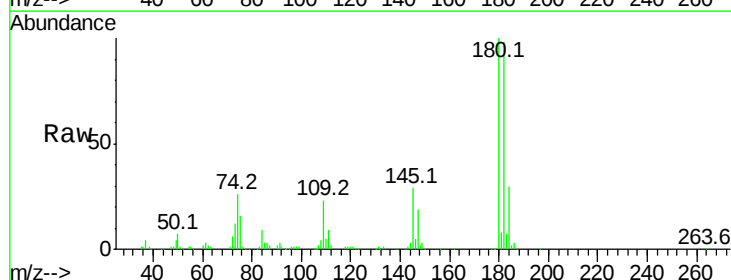
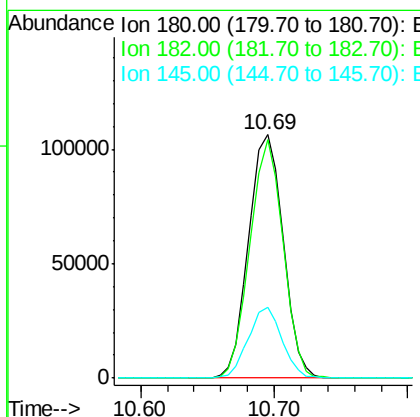
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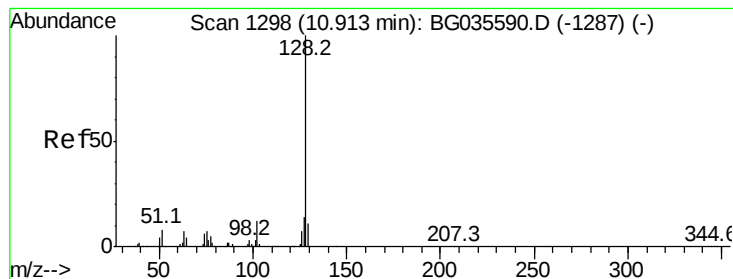
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#30
 1,2,4-Trichlorobenzene
 Concen: 49.182 ng
 RT: 10.69 min Scan# 1261
 Delta R.T. -0.00 min
 Lab File: BG035805.D
 Acq: 21 Jul 2018 5:12

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	98.1	77.5	116.3
145	29.2	23.4	35.2





#31

Naphthalene

Concen: 45.523 ng

RT: 10.88 min Scan# 1293

Delta R.T. -0.00 min

Lab File: BG035805.D

Acq: 21 Jul 2018 5:12

Instrument :

BNA_G

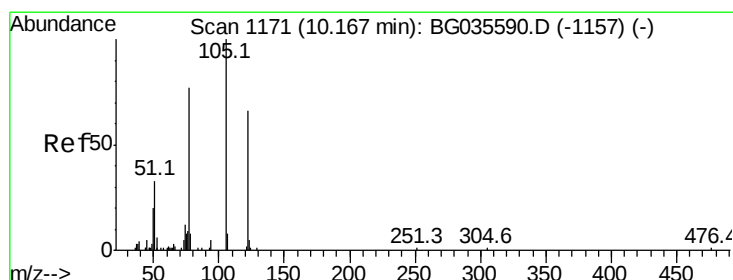
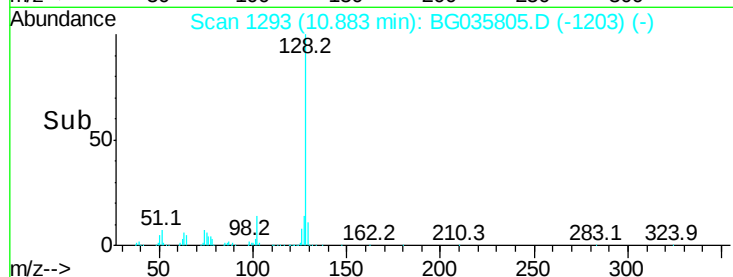
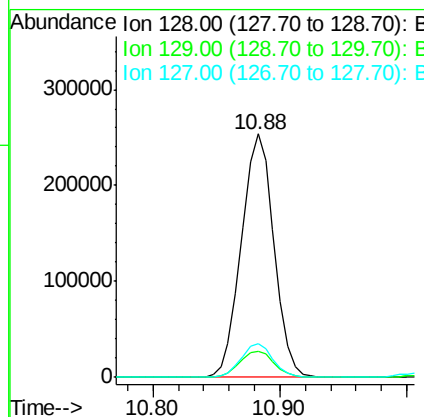
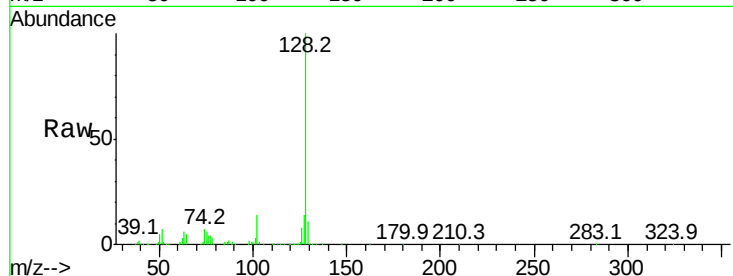
ClientSampleId :

BU-01-071918MSD

Tot Ion:	128	Resp:	451861
Ion Ratio	Lower	Upper	
128	100		
129	10.9	8.6	12.8
127	13.6	11.6	17.4

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#32

Benzoic acid

Concen: 35.228 ng

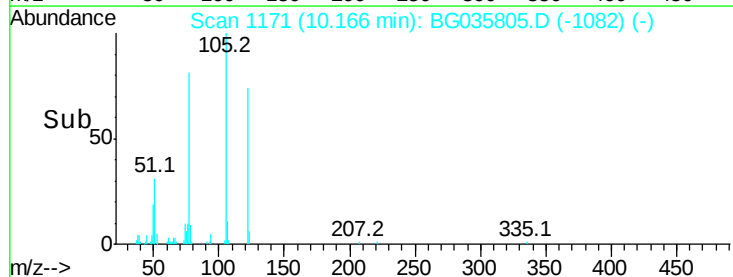
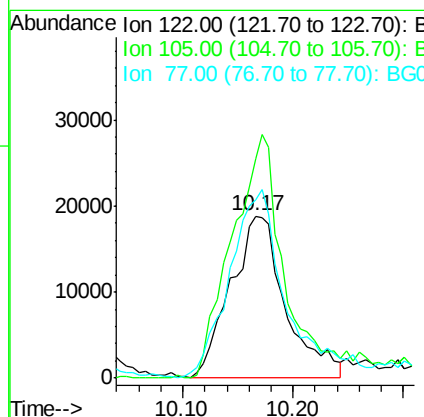
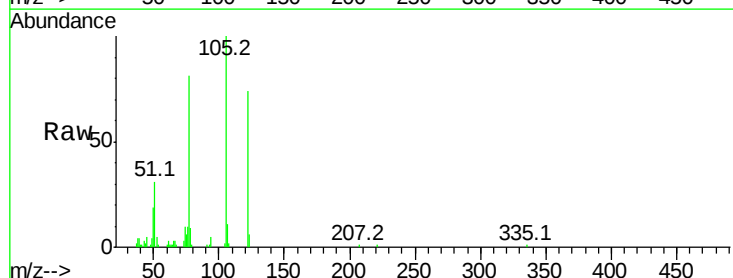
RT: 10.17 min Scan# 1171

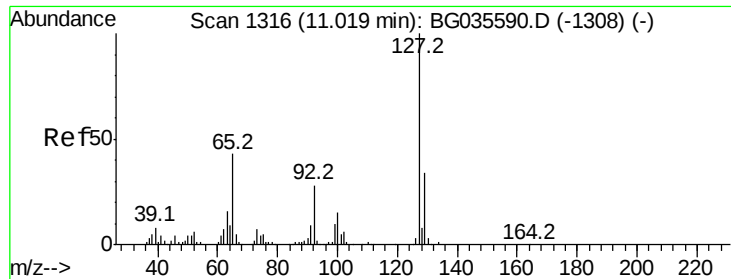
Delta R.T. -0.01 min

Lab File: BG035805.D

Acq: 21 Jul 2018 5:12

Tgt Ion:	122	Resp:	65401
Ion Ratio	Lower	Upper	
122	100		
105	135.1	123.5	163.5
77	109.9	85.7	125.7





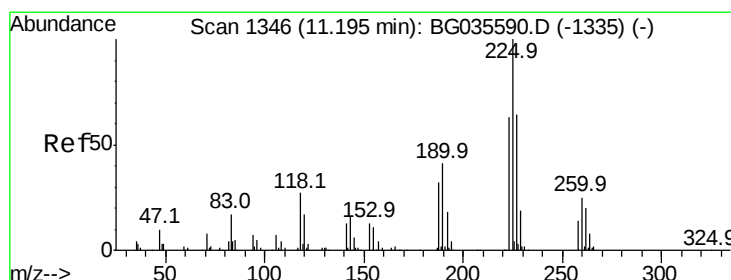
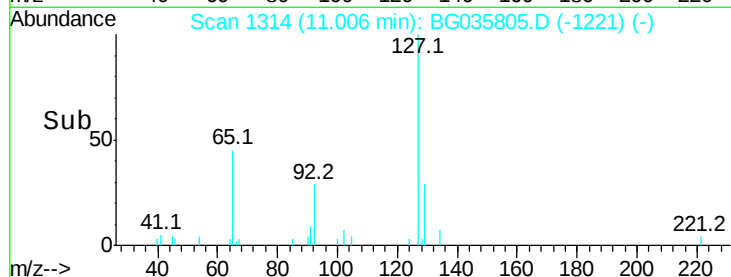
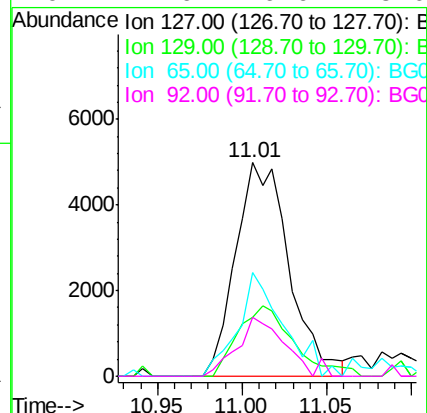
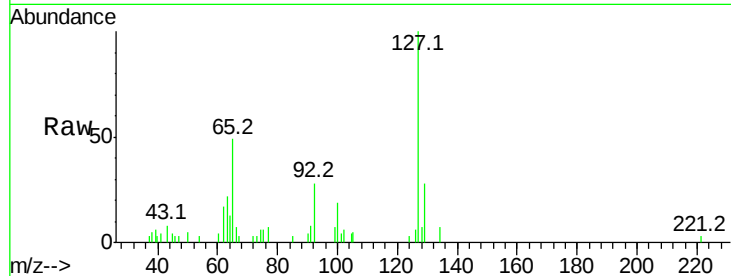
#33
4-Chloroaniline
Concen: 2.537 ng
RT: 11.01 min Scan# 1314
Delta R.T. 0.02 min
Lab File: BG035805.D
Acq: 21 Jul 2018 5:12

Instrument :
BNA_G
ClientSampleId :
BU-01-071918MSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	27.7	24.0	36.0
65	48.5	27.0	40.4
92	27.6	16.6	25.0

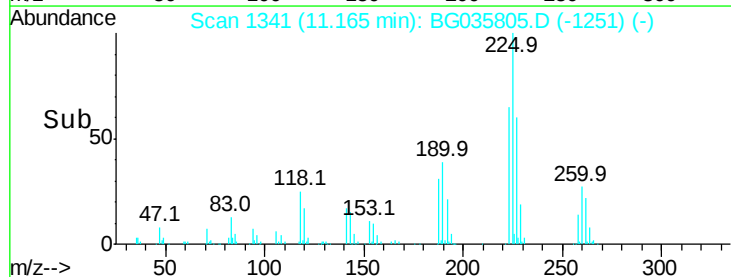
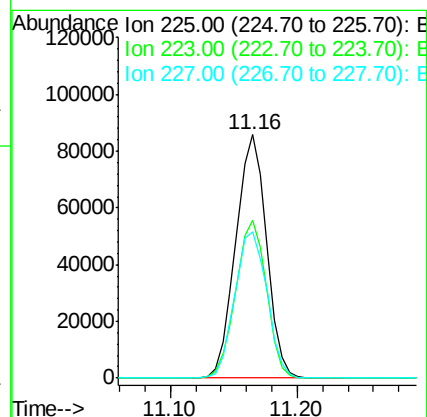
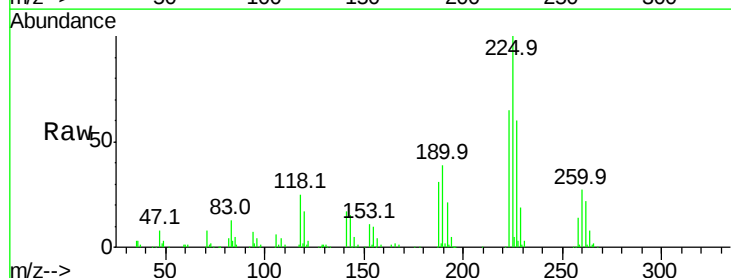
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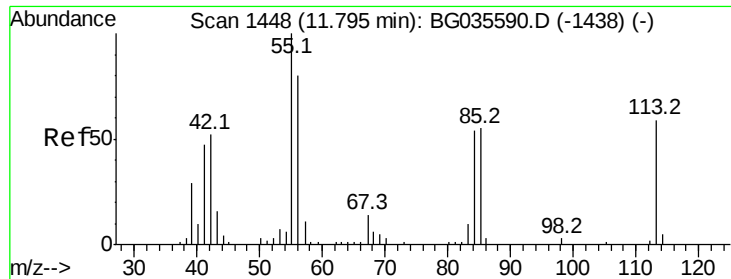
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#34
Hexachlorobutadiene
Concen: 47.709 ng
RT: 11.16 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BG035805.D
Acq: 21 Jul 2018 5:12

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.6	49.7	74.5
227	60.3	48.1	72.1





#35

Caprolactam

Concen: 32.169 ng/mL

RT: 11.78 min Scan# 1445

Delta R.T. 0.01 min

Lab File: BG035805.D

Acq: 21 Jul 2018 5:12

Instrument :

BNA_G

ClientSampleId :

BU-01-071918MSD

Tot Ion:113 Resp: 43459

Ion Ratio Lower Upper

113 100

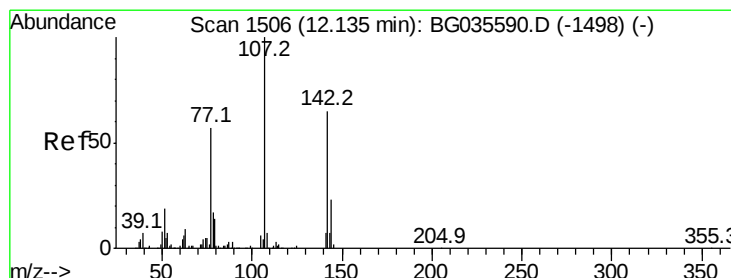
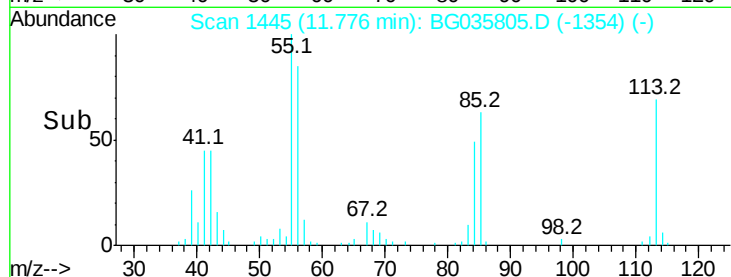
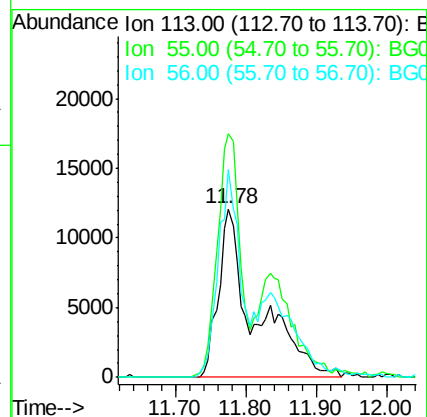
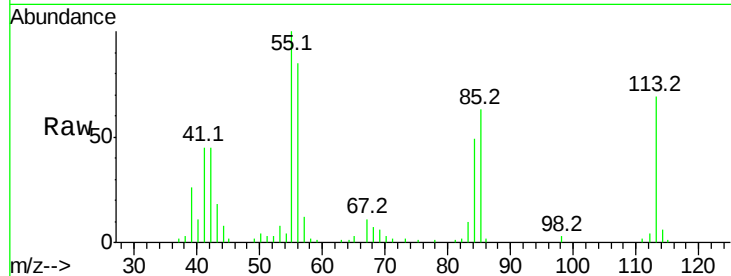
55 144.8 186.9 226.9#

56 123.8 130.9 170.9#

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#36

4-Chloro-3-methylphenol

Concen: 46.766 ng/mL

RT: 12.12 min Scan# 1503

Delta R.T. 0.01 min

Lab File: BG035805.D

Acq: 21 Jul 2018 5:12

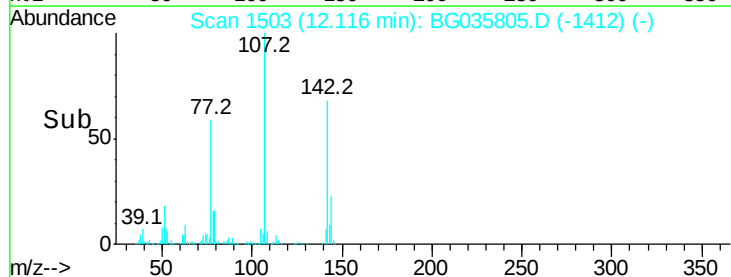
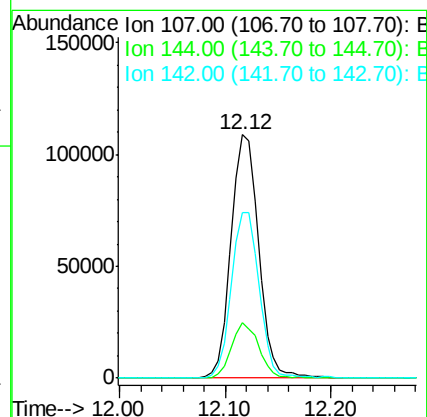
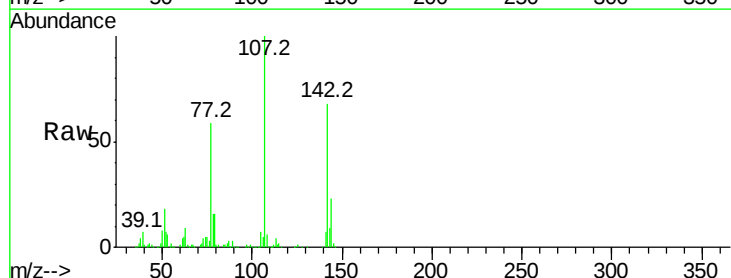
Tgt Ion:107 Resp: 197338

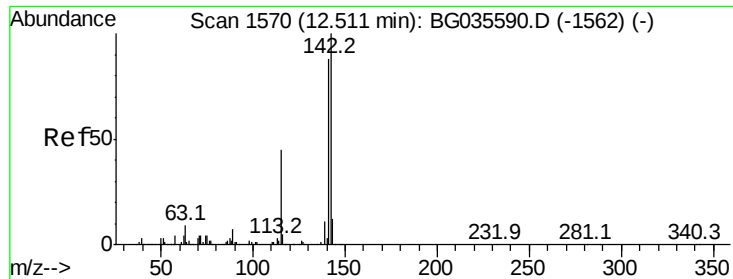
Ion Ratio Lower Upper

107 100

144 22.5 18.2 27.4

142 68.1 59.0 88.4





#37

2-Methylnaphthalene

Concen: 48.553 ng

RT: 12.48 min Scan# 1565

Delta R.T. -0.00 min

Lab File: BG035805.D

Acq: 21 Jul 2018 5:12

Instrument :

BNA_G

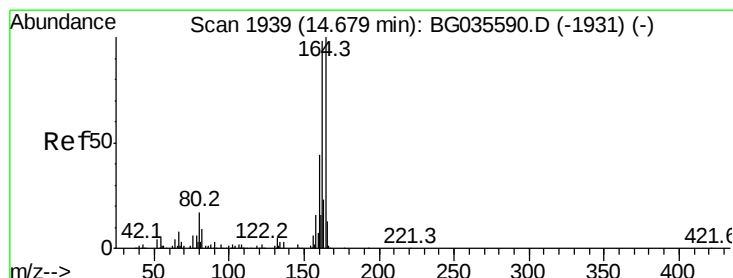
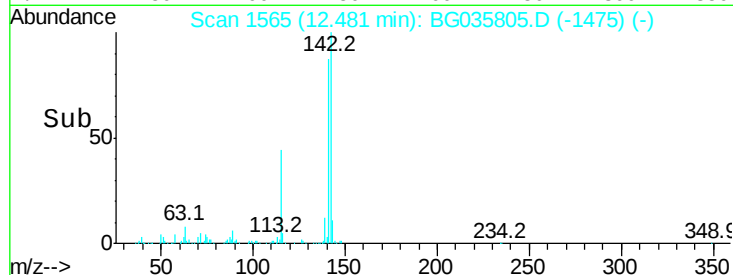
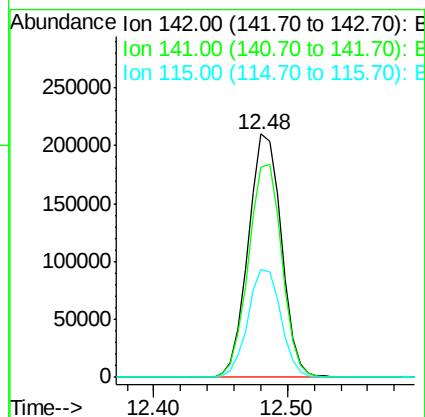
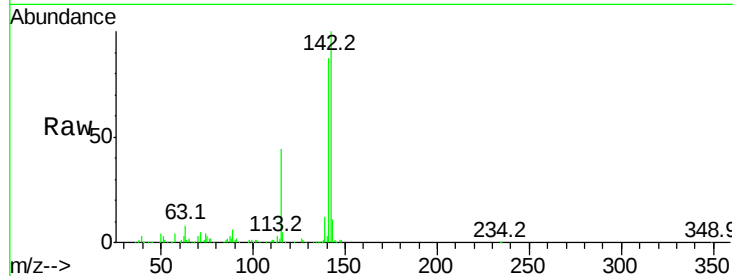
ClientSampleId :

BU-01-071918MSD

Tot Ion:	142	Resp:	359050
Ion Ratio	Lower	Upper	
142	100		
141	86.5	67.1	100.7
115	44.1	30.7	46.1

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#38

Acenaphthene-d10

Concen: 20.000 ng

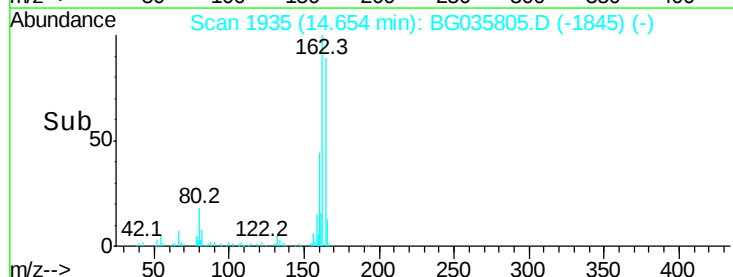
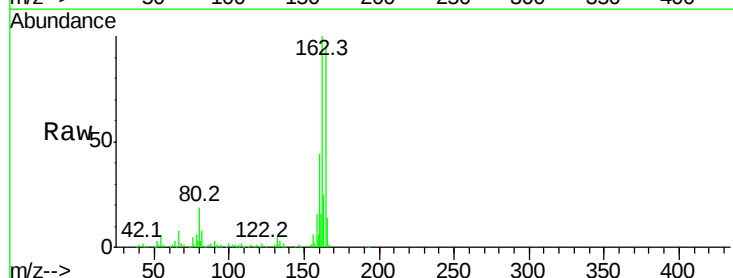
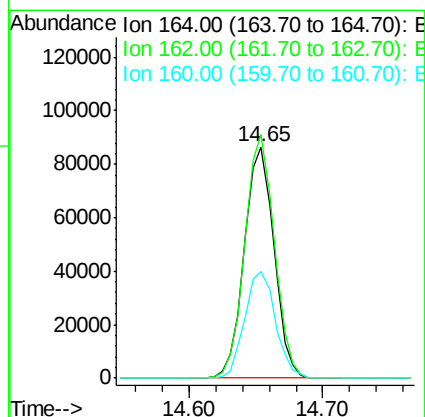
RT: 14.65 min Scan# 1935

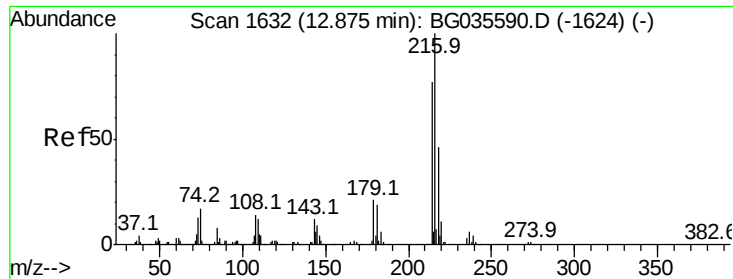
Delta R.T. -0.00 min

Lab File: BG035805.D

Acq: 21 Jul 2018 5:12

Tgt Ion:	164	Resp:	132358
Ion Ratio	Lower	Upper	
164	100		
162	105.4	78.8	118.2
160	46.0	35.4	53.0





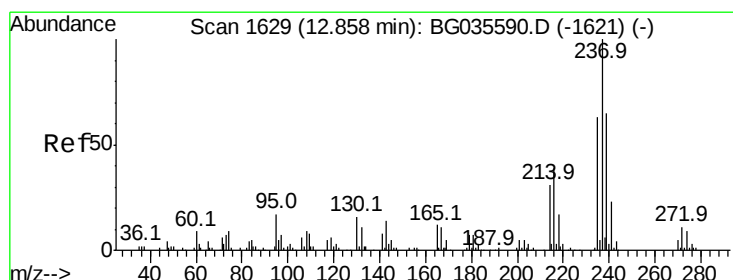
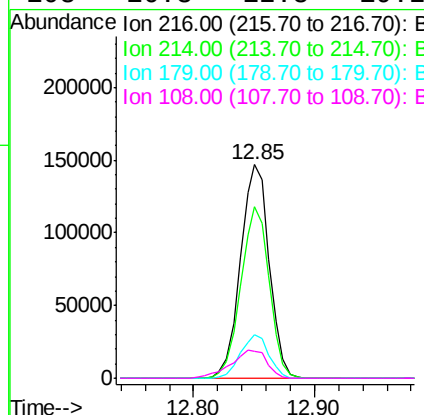
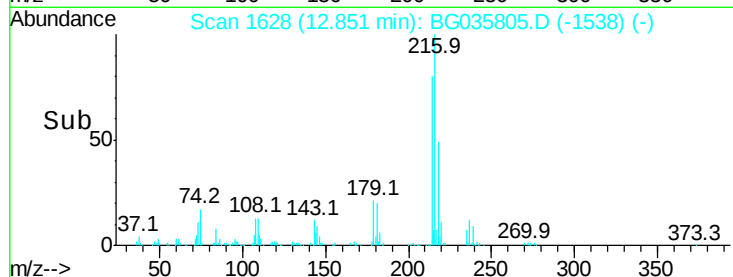
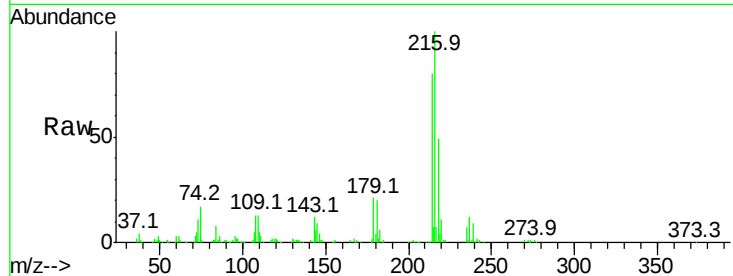
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 48.686 ng
 RT: 12.85 min Scan# 1628
 Delta R.T. -0.00 min
 Lab File: BG035805.D
 Acq: 21 Jul 2018 5:12

Instrument :
 BNA_G
 ClientSampleId :
 BU-01-071918MSD

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.2	63.0	94.4
179	20.1	17.0	25.6
108	16.3	12.8	19.2

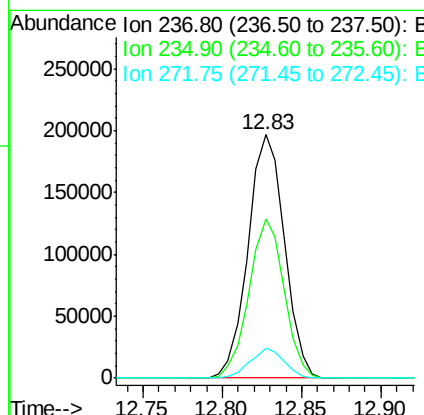
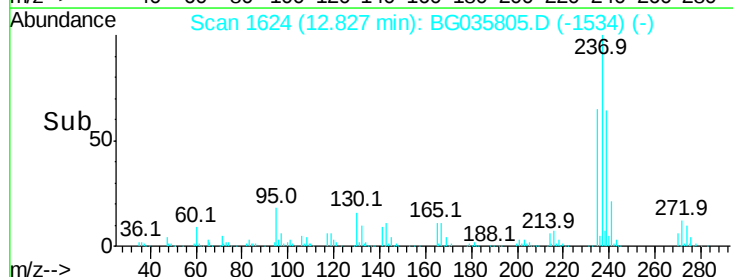
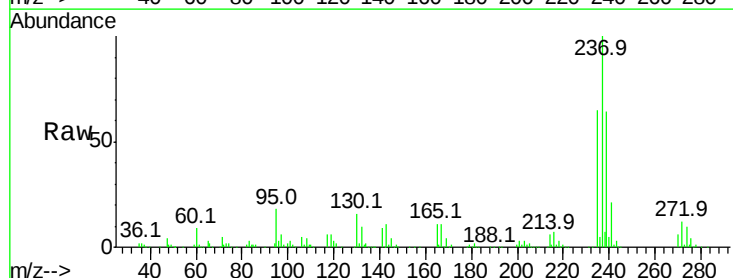
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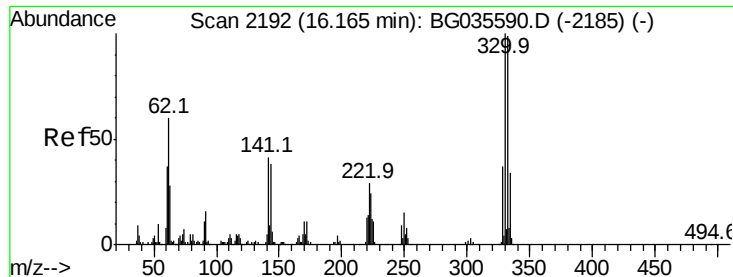
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#40
 Hexachlorocyclopentadiene
 Concen: 119.658 ng
 RT: 12.83 min Scan# 1624
 Delta R.T. -0.00 min
 Lab File: BG035805.D
 Acq: 21 Jul 2018 5:12

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	65.5	50.4	90.4
272	12.5	0.0	31.8





#41

2,4,6-Tribromophenol

Concen: 153.930 ng

RT: 16.15 min Scan# 2189

Delta R.T. 0.01 min

Lab File: BG035805.D

Acq: 21 Jul 2018 5:12

Instrument :

BNA_G

ClientSampleId :

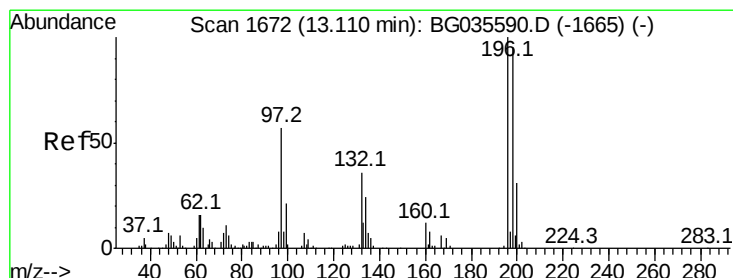
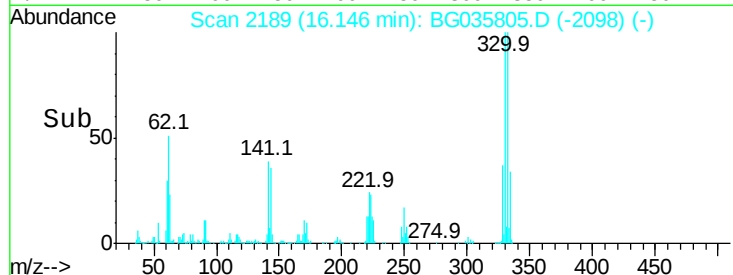
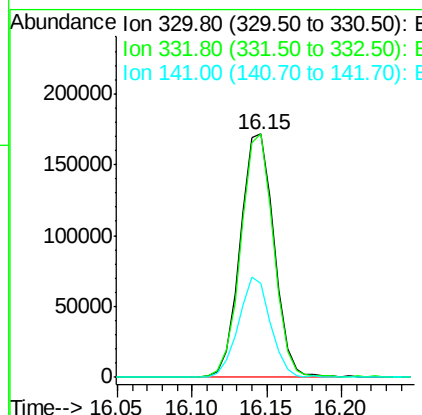
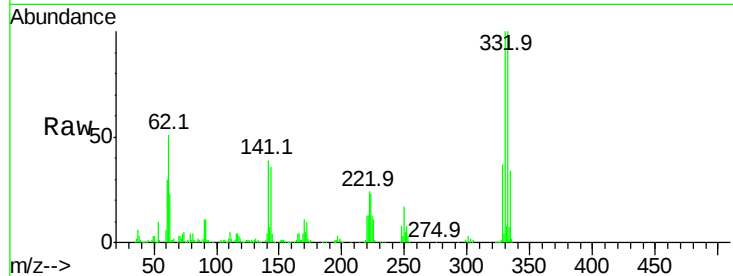
BU-01-071918MSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	268541		
332	96.8	77.0	115.6	
141	39.5	25.2	37.8#	

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#42

2,4,6-Trichlorophenol

Concen: 53.142 ng

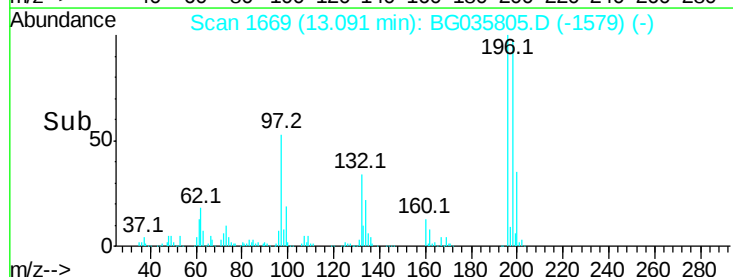
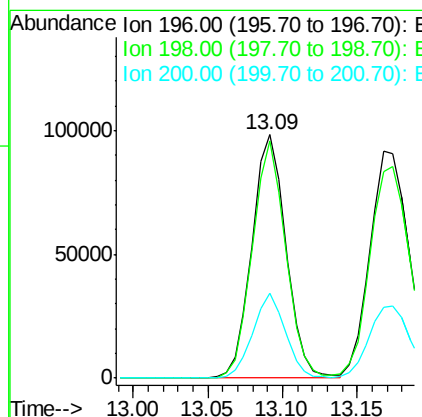
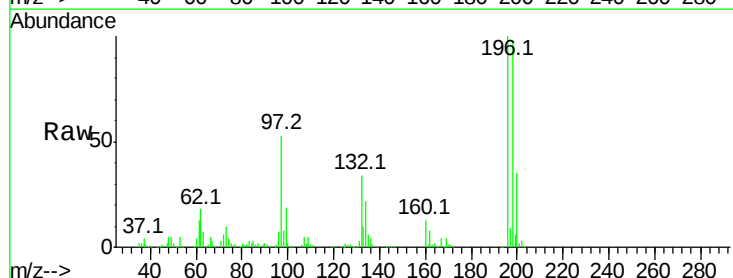
RT: 13.09 min Scan# 1669

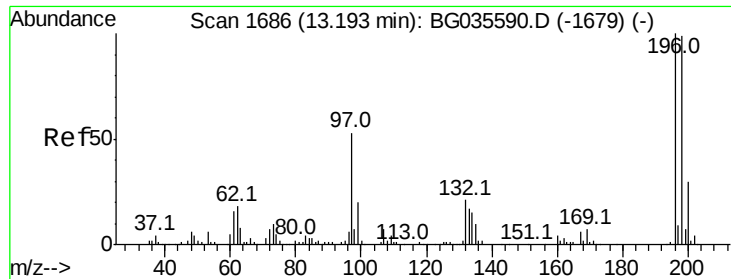
Delta R.T. -0.00 min

Lab File: BG035805.D

Acq: 21 Jul 2018 5:12

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	155252		
198	97.2	78.2	117.2	
200	35.0	24.6	36.8	





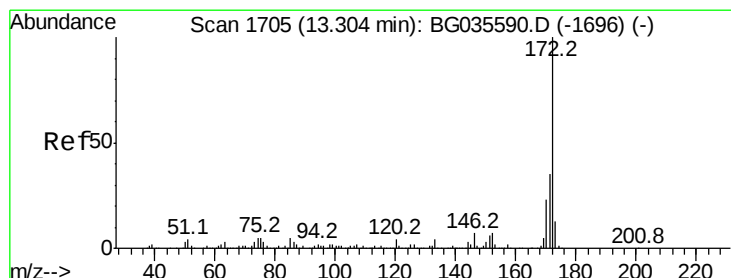
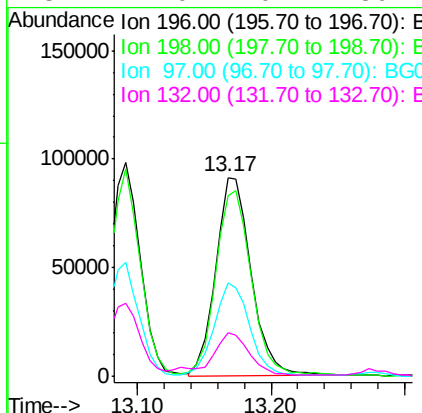
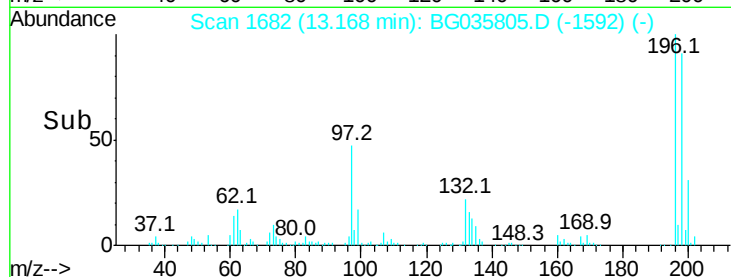
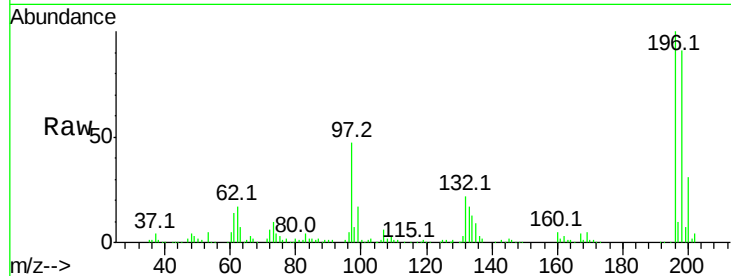
#43
 2,4,5-Trichlorophenol
 Concen: 51.800 ng
 RT: 13.17 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: BG035805.D
 Acq: 21 Jul 2018 5:12

Instrument :
 BNA_G
 ClientSampleId :
 BU-01-071918MSD

Tot Ion:	196	Resp:	169294
Ion Ratio	Lower	Upper	
196	100		
198	91.1	76.2	114.4
97	47.1	38.7	58.1
132	22.0	20.2	30.2

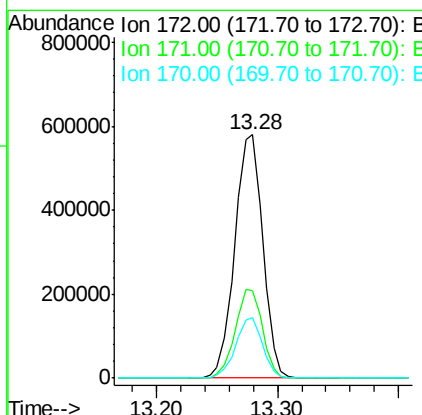
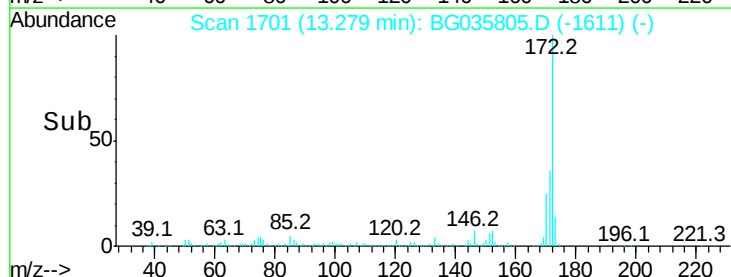
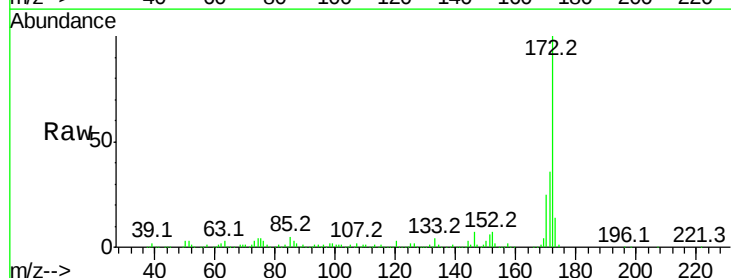
Manual Integrations
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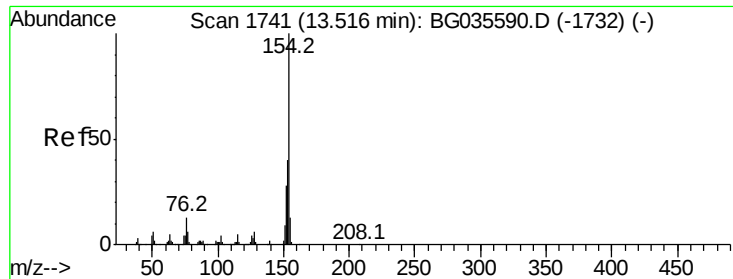
Sohil
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#44
 2-Fluorobiphenyl
 Concen: 94.767 ng
 RT: 13.28 min Scan# 1701
 Delta R.T. -0.00 min
 Lab File: BG035805.D
 Acq: 21 Jul 2018 5:12

Tgt Ion:	172	Resp:	936241
Ion Ratio	Lower	Upper	
172	100		
171	35.7	30.0	45.0
170	24.8	19.5	29.3





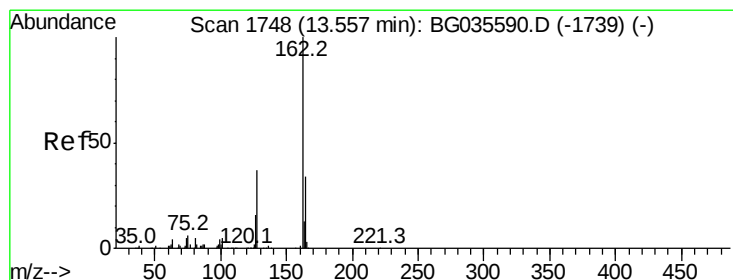
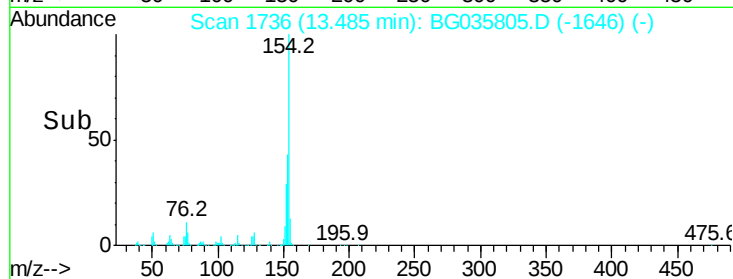
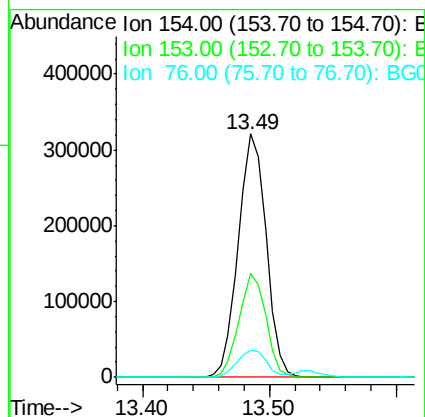
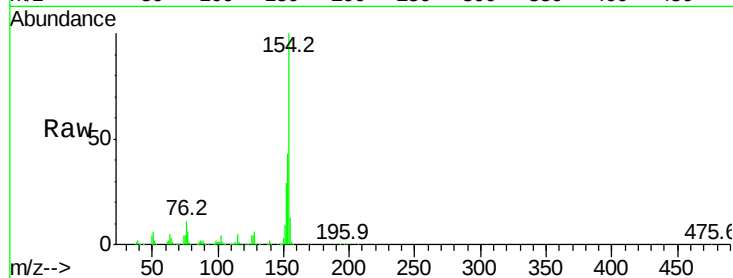
#45
 1,1'-Biphenyl
 Concen: 47.650 ng
 RT: 13.49 min Scan# 1736
 Delta R.T. -0.00 min
 Lab File: BG035805.D
 Acq: 21 Jul 2018 5:12

Instrument :
 BNA_G
 ClientSampleId :
 BU-01-071918MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	42.6	19.8	59.8
76	11.4	0.0	31.9

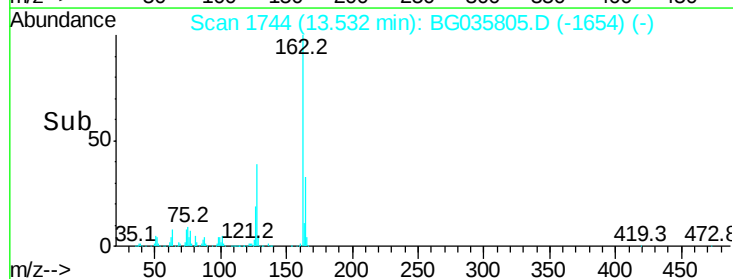
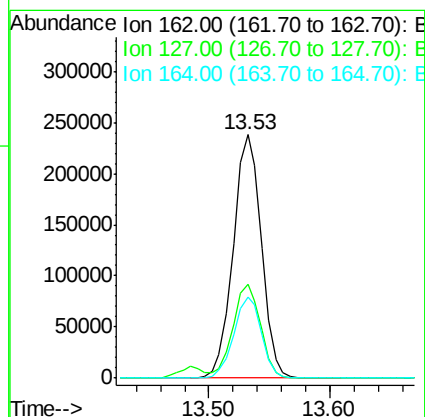
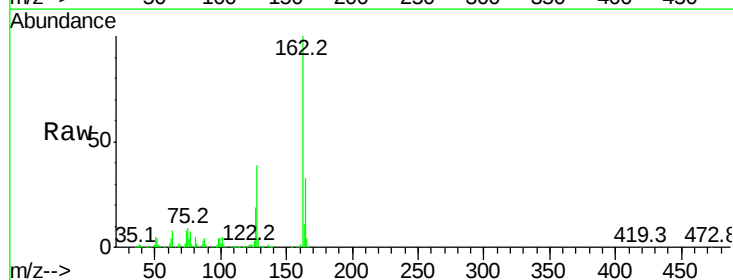
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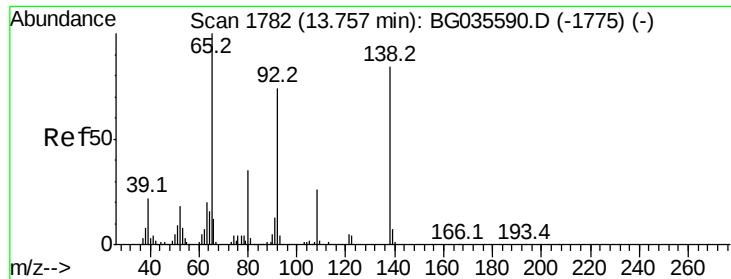
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#46
 2-Chloronaphthalene
 Concen: 48.284 ng
 RT: 13.53 min Scan# 1744
 Delta R.T. -0.00 min
 Lab File: BG035805.D
 Acq: 21 Jul 2018 5:12

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.6	30.7	46.1
164	33.3	26.0	39.0





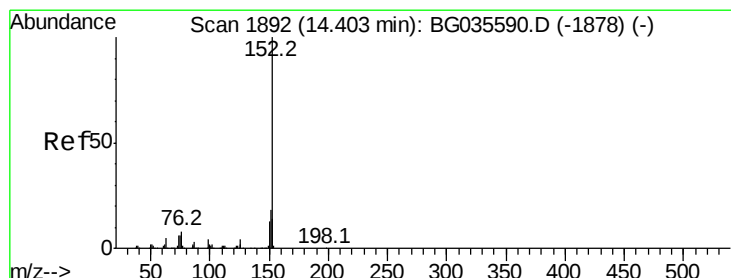
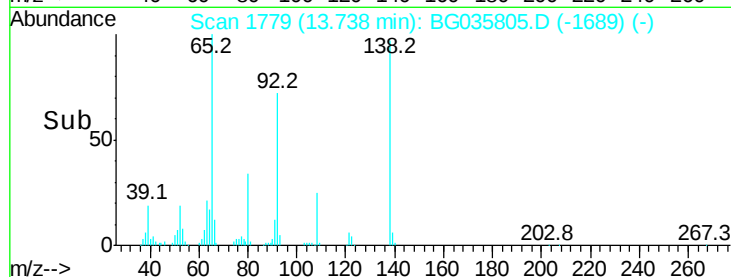
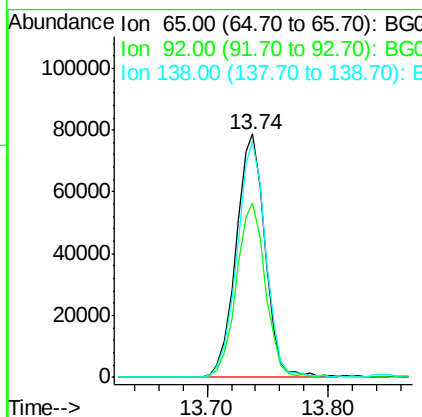
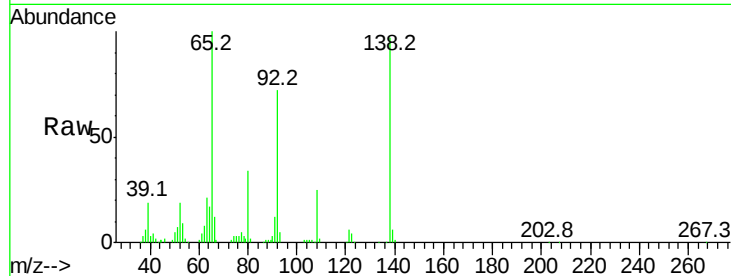
#47
2-Nitroaniline
Concen: 46.525 ng
RT: 13.74 min Scan# 1779
Delta R.T. -0.00 min
Lab File: BG035805.D
Acq: 21 Jul 2018 5:12

Instrument :
BNA_G
ClientSampleId :
BU-01-071918MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	71.8	54.6	82.0
138	97.0	72.9	109.3

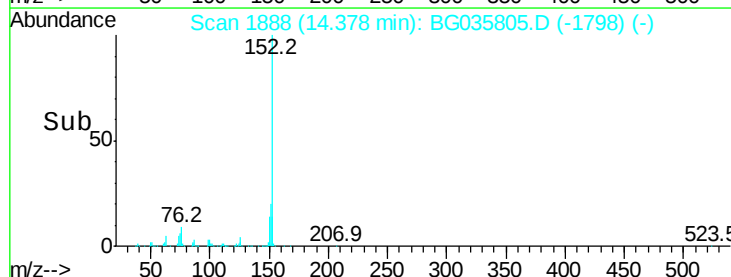
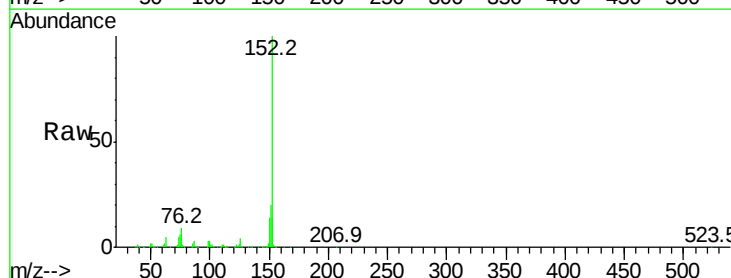
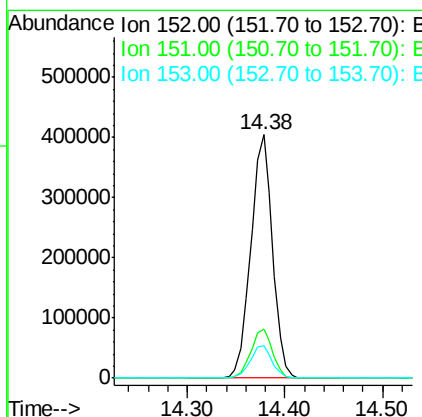
Manual Integrations
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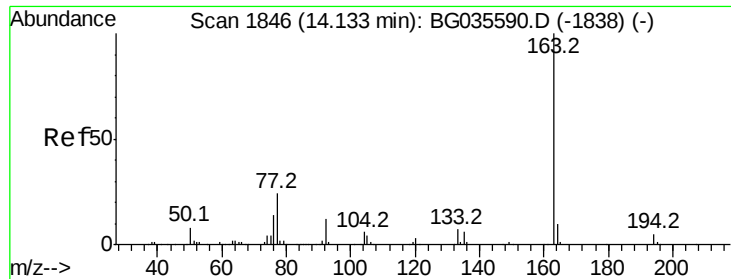
Sohil
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#48
Acenaphthylene
Concen: 47.175 ng
RT: 14.38 min Scan# 1888
Delta R.T. -0.00 min
Lab File: BG035805.D
Acq: 21 Jul 2018 5:12

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.9	17.2	25.8
153	13.5	10.2	15.4





#49

Dimethylphthalate

Concen: 44.898 ng

RT: 14.11 min Scan# 1842

Delta R.T. -0.00 min

Lab File: BG035805.D

Acq: 21 Jul 2018 5:12

Instrument :

BNA_G

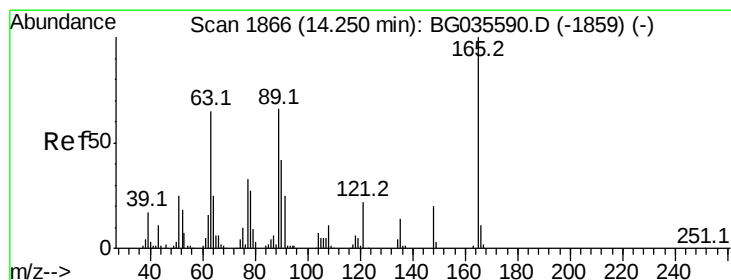
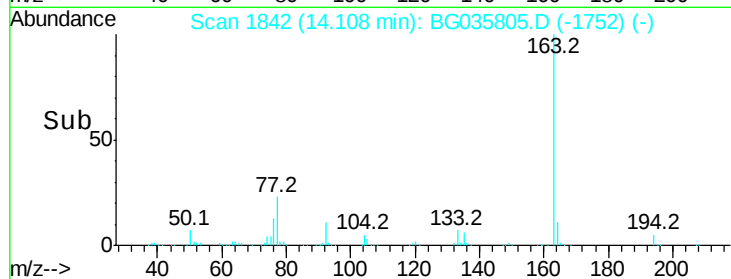
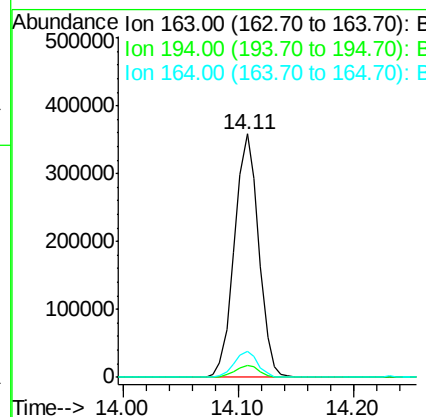
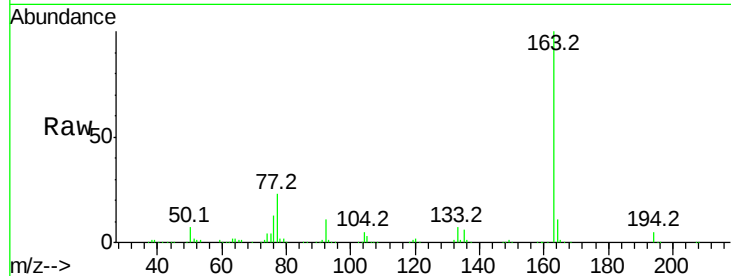
ClientSampleId :

BU-01-071918MSD

Tot Ion:	163	Resp:	520656
Ion Ratio	Lower	Upper	
163	100		
194	4.9	3.4	5.2
164	10.6	8.2	12.4

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#50

2,6-Dinitrotoluene

Concen: 51.244 ng

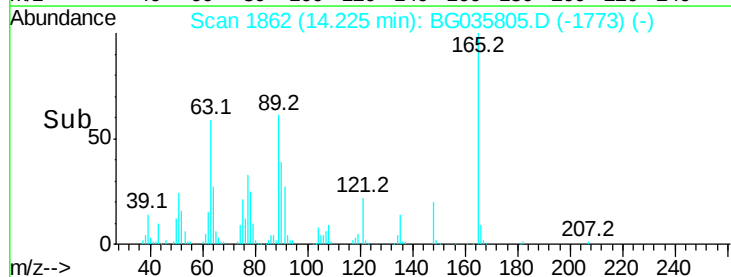
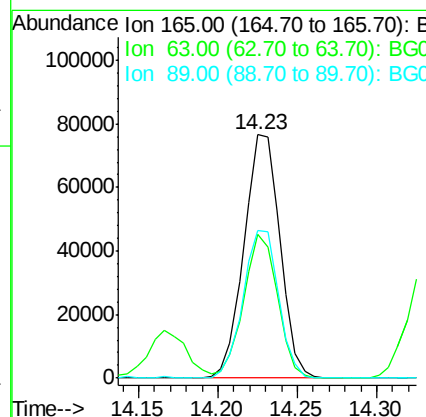
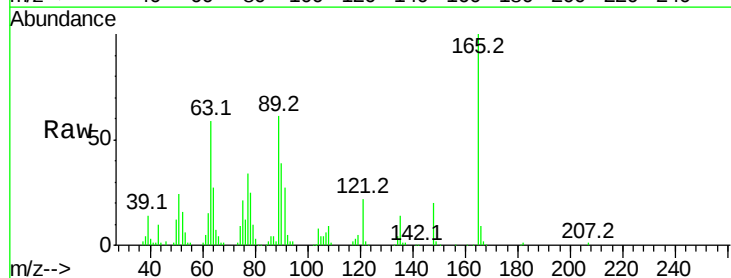
RT: 14.23 min Scan# 1862

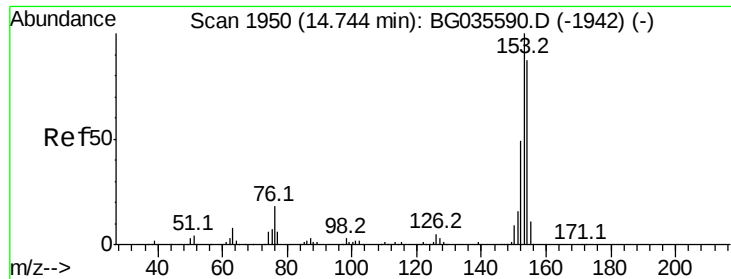
Delta R.T. -0.01 min

Lab File: BG035805.D

Acq: 21 Jul 2018 5:12

Tgt Ion:	165	Resp:	121013
Ion Ratio	Lower	Upper	
165	100		
63	59.3	52.7	79.1
89	60.8	49.2	73.8





#51

Acenaphthene

Concen: 44.693 ng

RT: 14.72 min Scan# 1946

Delta R.T. -0.00 min

Lab File: BG035805.D

Acq: 21 Jul 2018 5:12

Instrument :

BNA_G

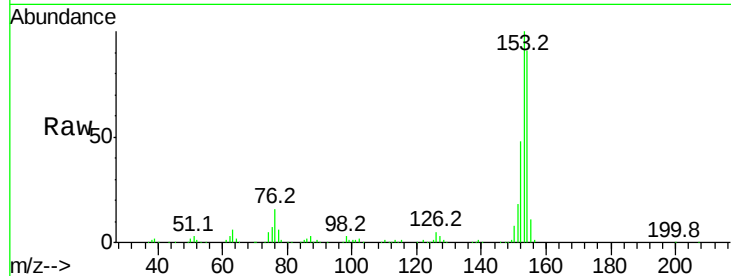
ClientSampleId :

BU-01-071918MSD

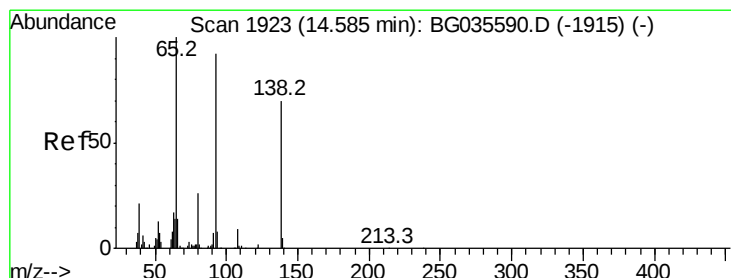
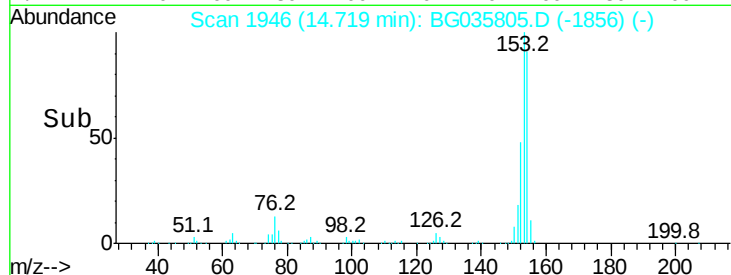
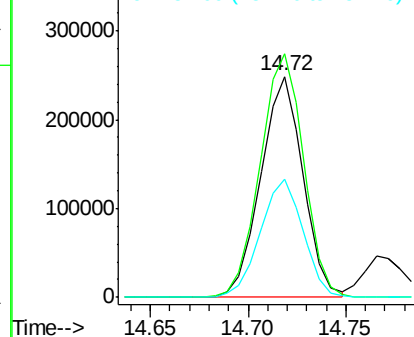
Tot Ion:	154	Resp:	372250
Ion Ratio	Lower	Upper	
154	100		
153	110.3	90.4	135.6
152	53.3	41.6	62.4

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



#52

3-Nitroaniline

Concen: 8.732 ng

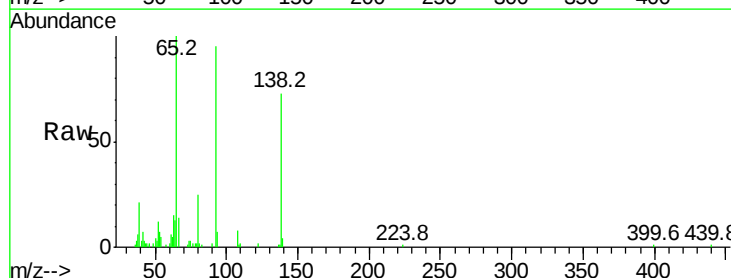
RT: 14.56 min Scan# 1919

Delta R.T. -0.00 min

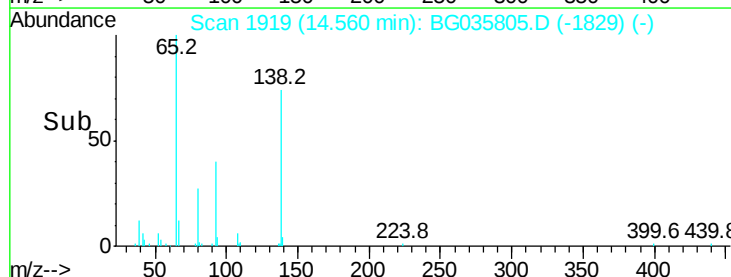
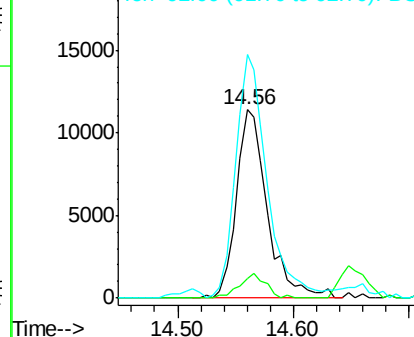
Lab File: BG035805.D

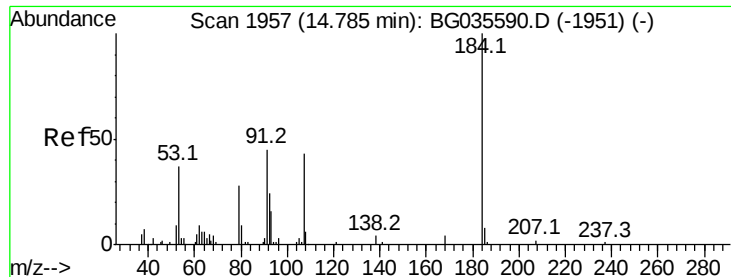
Acq: 21 Jul 2018 5:12

Tgt Ion:	138	Resp:	21076
Ion Ratio	Lower	Upper	
138	100		
108	10.4	17.5	26.3#
92	129.4	105.8	158.8



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





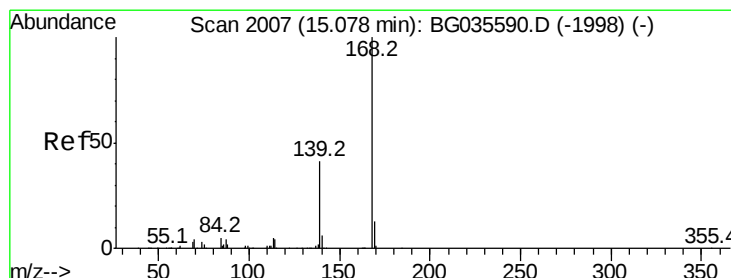
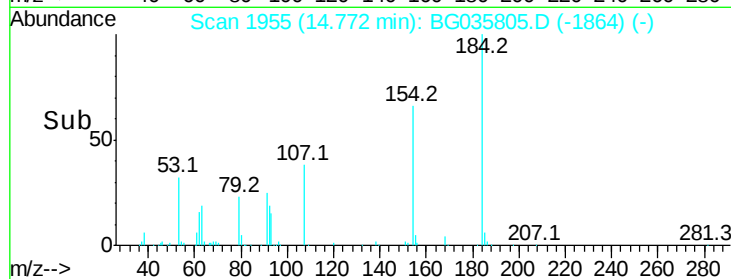
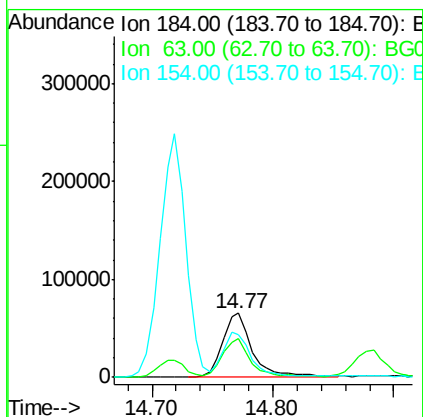
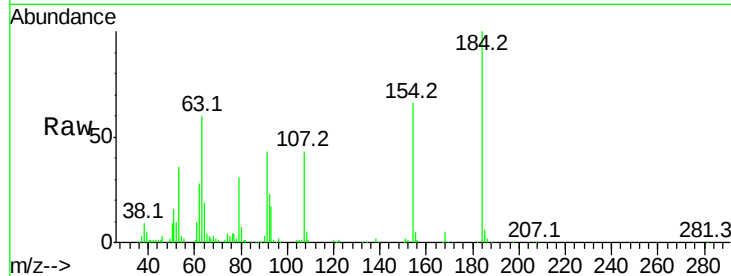
#53
2,4-Dinitrophenol
Concen: 91.273 ng
RT: 14.77 min Scan# 1955
Delta R.T. 0.01 min
Lab File: BG035805.D
Acq: 21 Jul 2018 5:12

Instrument :
BNA_G
ClientSampleId :
BU-01-071918MSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	60.5	59.8	89.8
154	65.8	101.8	152.8#

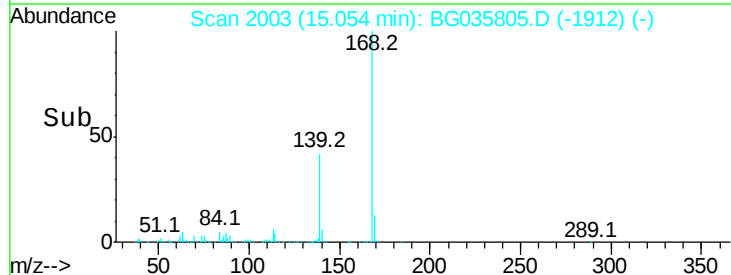
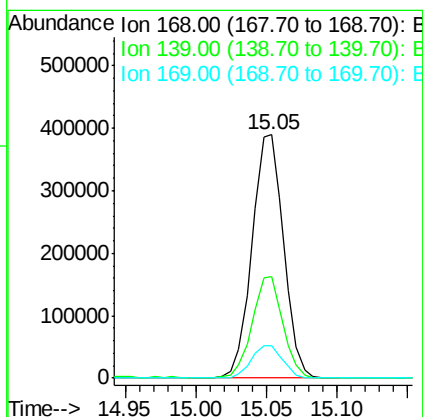
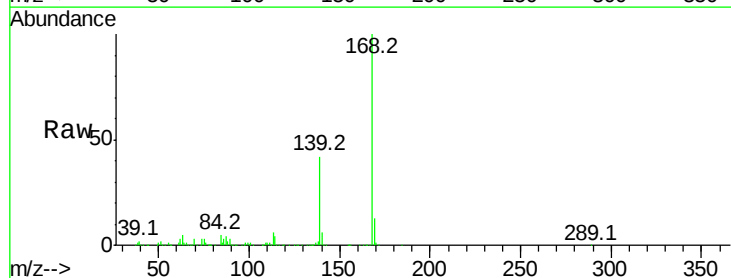
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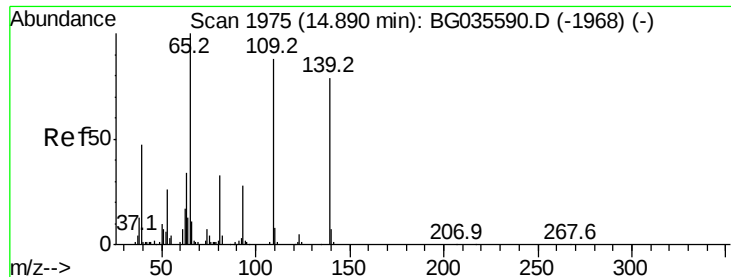
Sohil
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#54
Dibenzofuran
Concen: 46.161 ng
RT: 15.05 min Scan# 2003
Delta R.T. 0.01 min
Lab File: BG035805.D
Acq: 21 Jul 2018 5:12

Tgt Ion	Ratio	Lower	Upper
168	100		
139	41.5	28.6	43.0
169	13.1	11.2	16.8





#55

4-Nitrophenol

Concen: 82.313 ng

RT: 14.88 min Scan# 1974

Delta R.T. 0.01 min

Lab File: BG035805.D

Acq: 21 Jul 2018 5:12

Instrument :

BNA_G

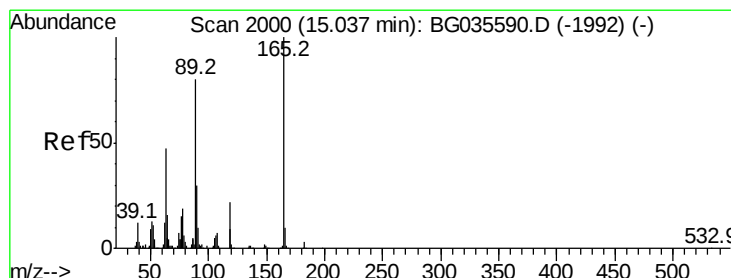
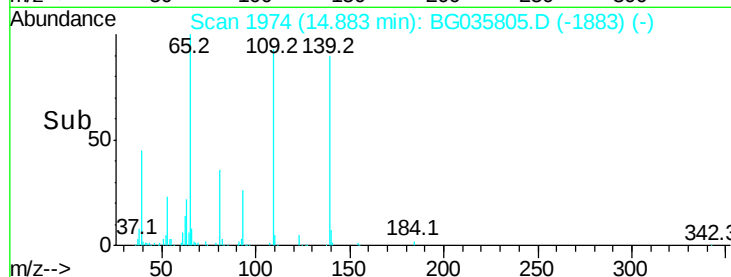
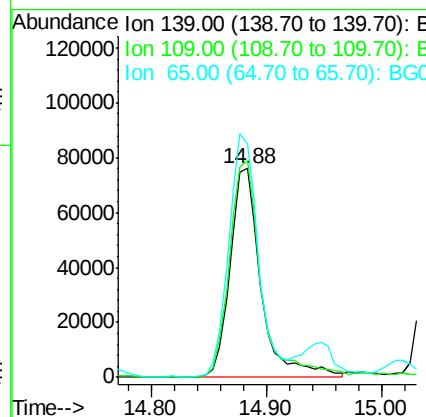
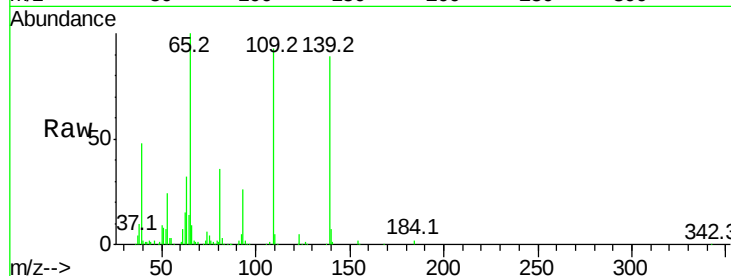
ClientSampleId :

BU-01-071918MSD

Tot Ion:	139	Resp:	141486
Ion Ratio	Lower	Upper	
139	100		
109	103.8	62.2	102.2#
65	111.8	97.2	137.2

Manual Integrations
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#56

2,4-Dinitrotoluene

Concen: 50.887 ng

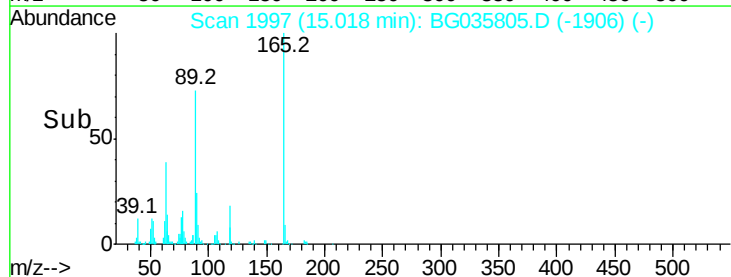
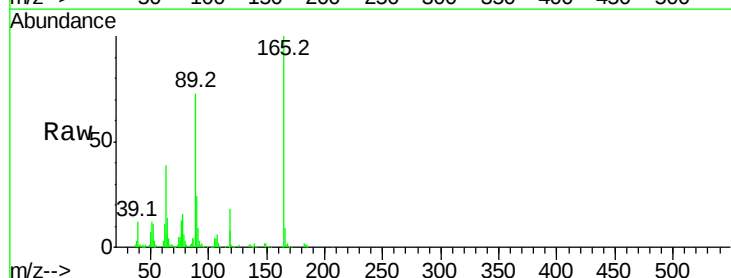
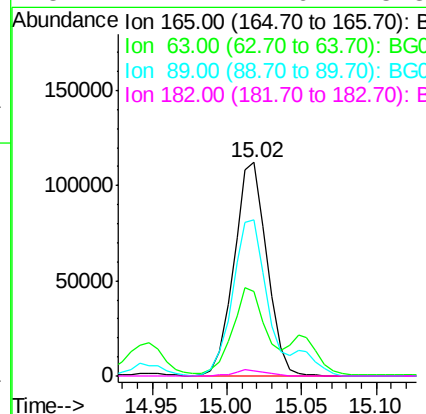
RT: 15.02 min Scan# 1997

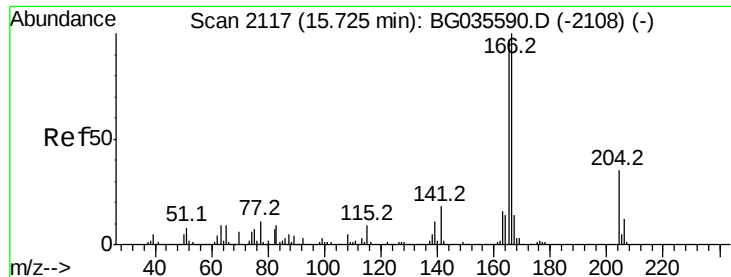
Delta R.T. 0.01 min

Lab File: BG035805.D

Acq: 21 Jul 2018 5:12

Tgt Ion:	165	Resp:	172397
Ion Ratio	Lower	Upper	
165	100		
63	39.3	42.0	63.0#
89	73.1	66.9	100.3
182	2.4	2.6	3.8#





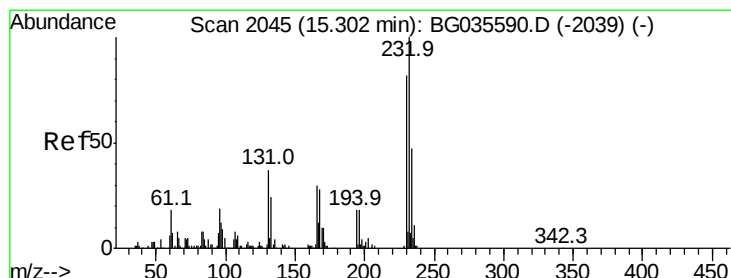
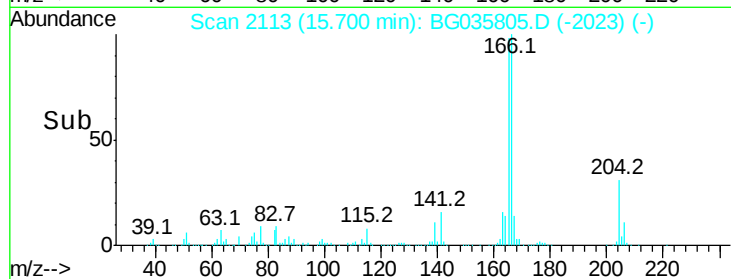
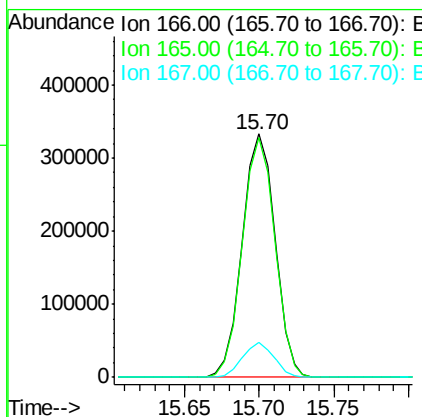
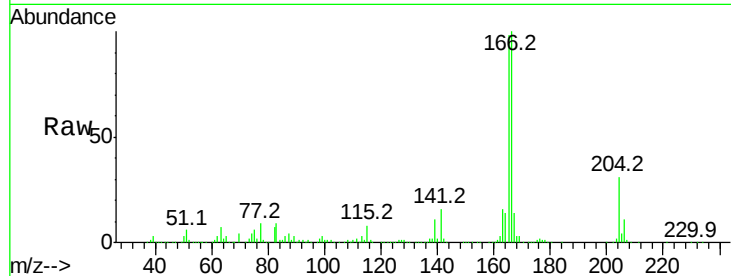
#57
Fluorene
 Concen: 45.690 ng
 RT: 15.70 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: BG035805.D
 Acq: 21 Jul 2018 5:12

Instrument :
 BNA_G
 ClientSampleId :
 BU-01-071918MSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100	507266		
165	98.3		80.6	121.0
167	14.3		10.4	15.6

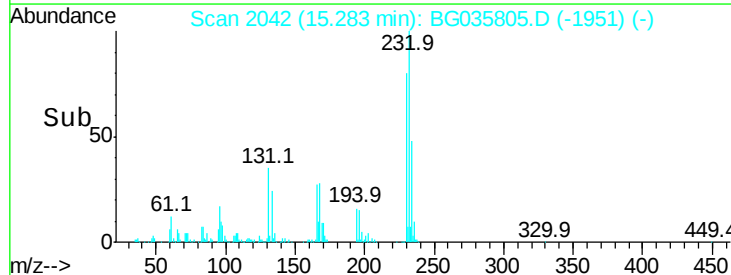
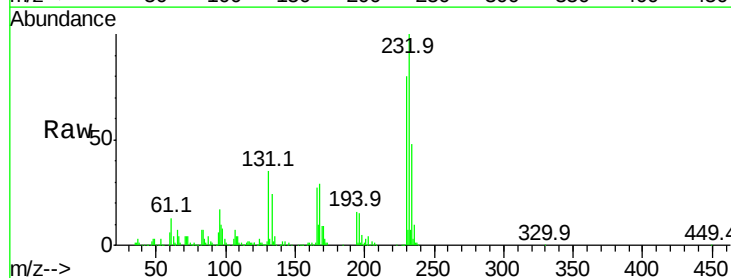
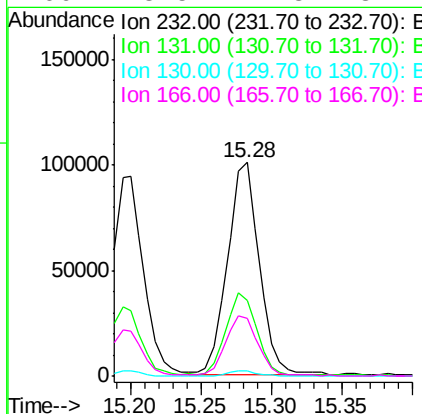
Manual Integrations
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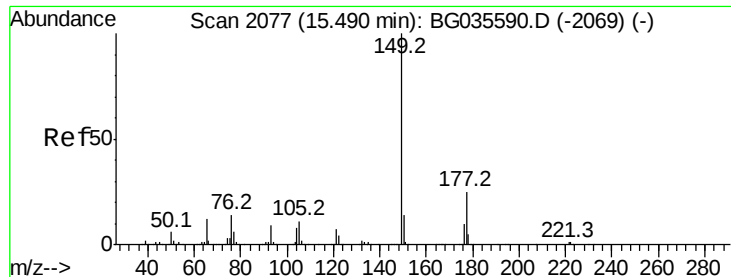
Sohil
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 50.343 ng
 RT: 15.28 min Scan# 2042
 Delta R.T. 0.01 min
 Lab File: BG035805.D
 Acq: 21 Jul 2018 5:12

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	157754		
131	38.2		33.5	50.3
130	2.3		2.2	3.2
166	28.5		24.8	37.2





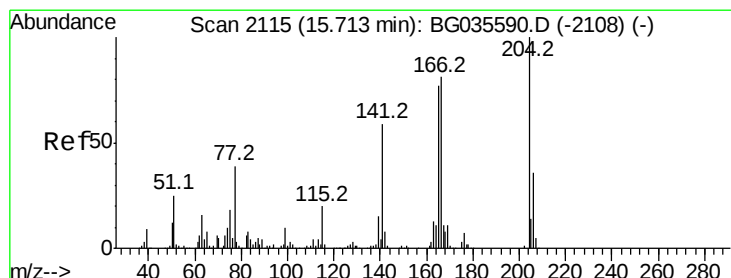
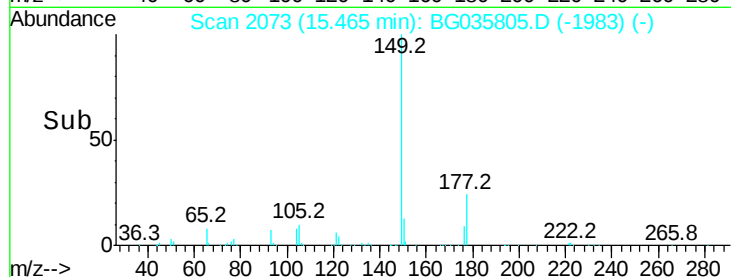
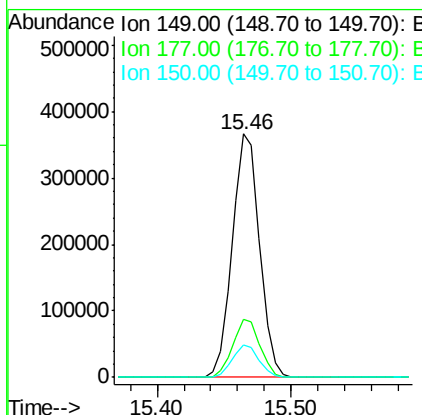
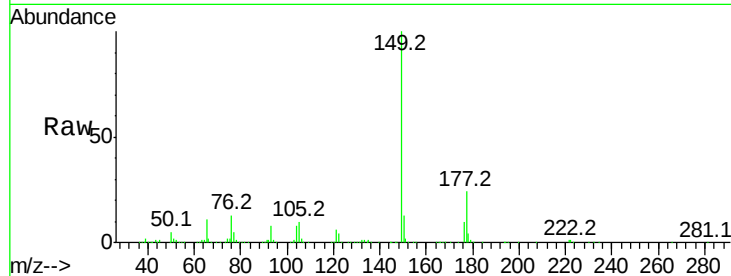
#59
Diethylphthalate
Concen: 43.627 ng
RT: 15.46 min Scan# 2073
Delta R.T. -0.00 min
Lab File: BG035805.D
Acq: 21 Jul 2018 5:12

Instrument :
BNA_G
ClientSampleId :
BU-01-071918MSD

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

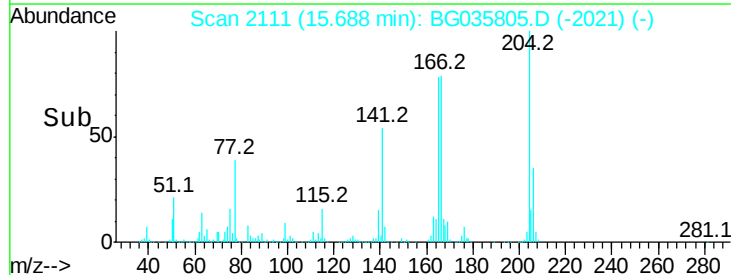
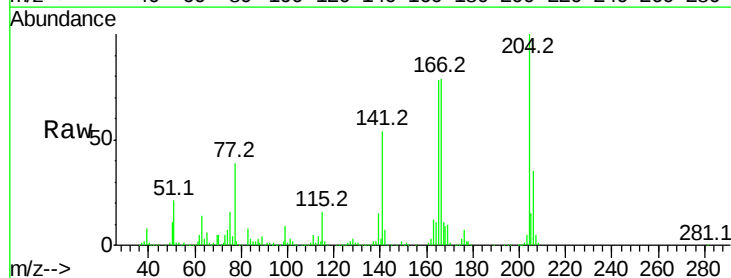
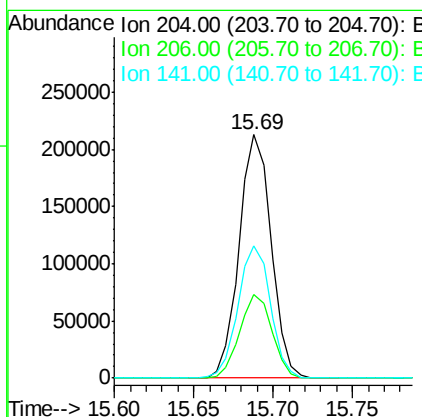
Manual Integrations
APPROVED

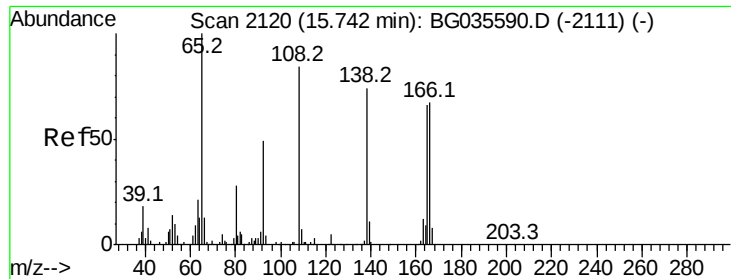
Sohil
7/23/2018 2:19:17 PM



#60
4-Chlorophenyl-phenylether
Concen: 45.731 ng
RT: 15.69 min Scan# 2111
Delta R.T. -0.00 min
Lab File: BG035805.D
Acq: 21 Jul 2018 5:12

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.6	26.2	39.2
141	54.2	45.8	68.6





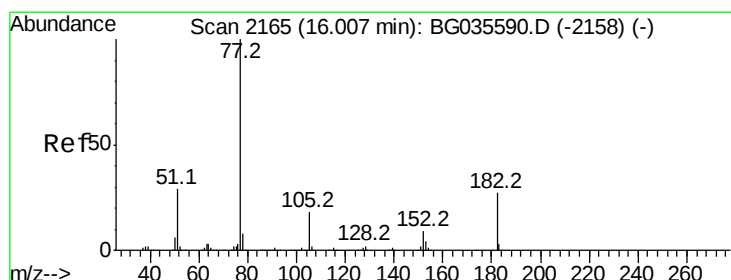
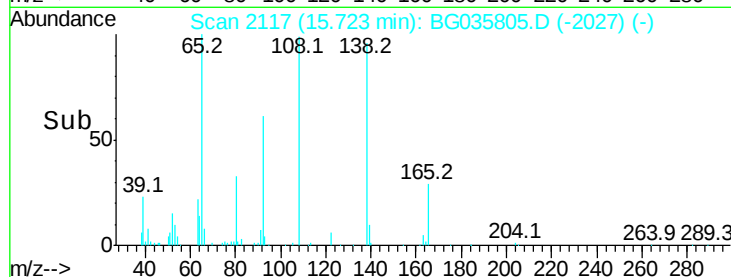
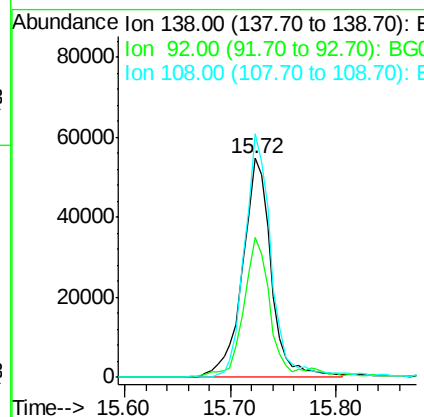
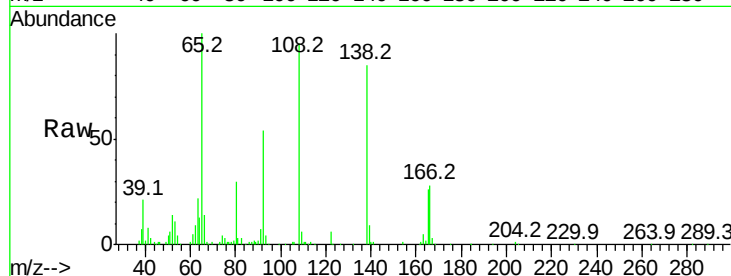
#61
4-Nitroaniline
Concen: 40.790 ng
RT: 15.72 min Scan# 2117
Delta R.T. -0.00 min
Lab File: BG035805.D
Acq: 21 Jul 2018 5:12

Instrument :
BNA_G
ClientSampleId :
BU-01-071918MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	63.8	40.1	80.1
108	111.1	65.4	105.4

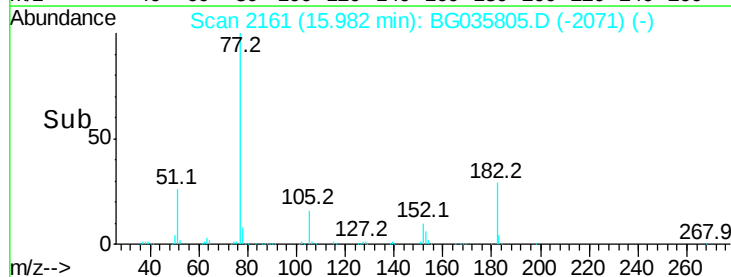
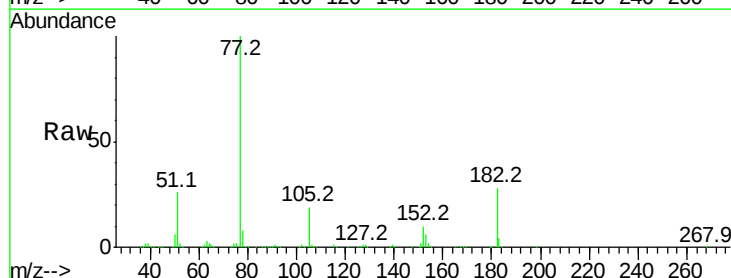
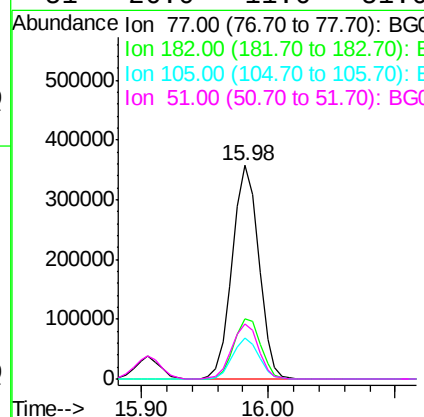
Manual Integrations
APPROVED

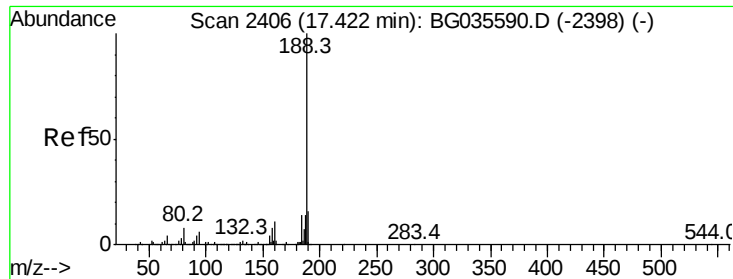
Sohil
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#62
Azobenzene
Concen: 43.885 ng
RT: 15.98 min Scan# 2161
Delta R.T. -0.00 min
Lab File: BG035805.D
Acq: 21 Jul 2018 5:12

Tgt Ion	Ratio	Lower	Upper
77	100		
182	28.4	7.4	47.4
105	19.3	0.3	40.3
51	26.0	11.6	51.6





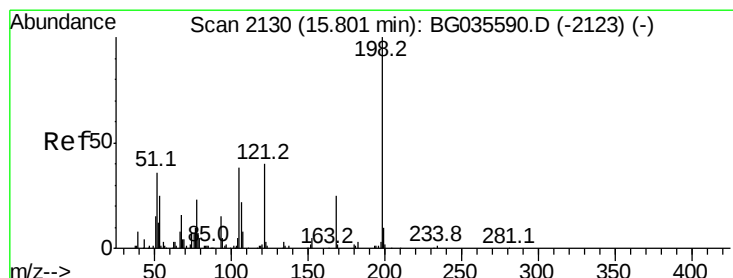
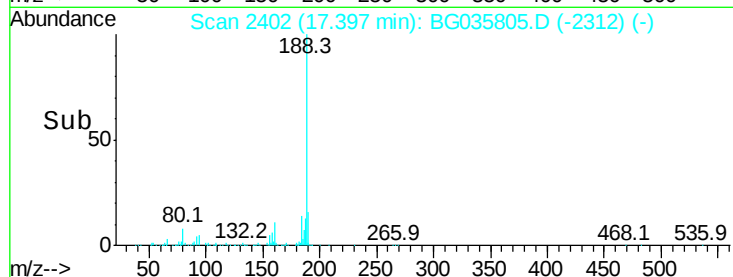
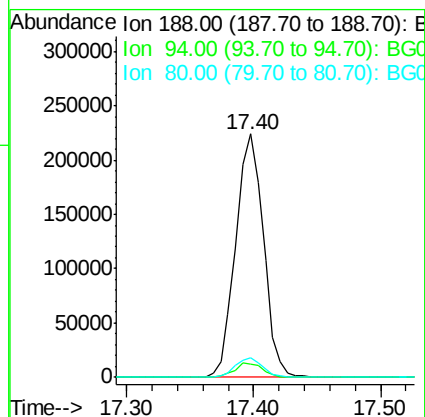
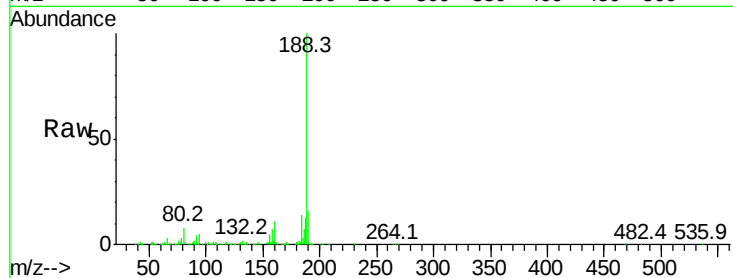
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2402
Delta R.T. -0.00 min
Lab File: BG035805.D
Acq: 21 Jul 2018 5:12

Instrument :
BNA_G
ClientSampleId :
BU-01-071918MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	5.5	6.9	10.3#
80	7.9	7.7	11.5

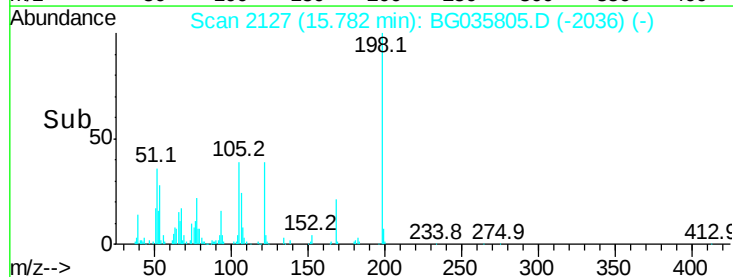
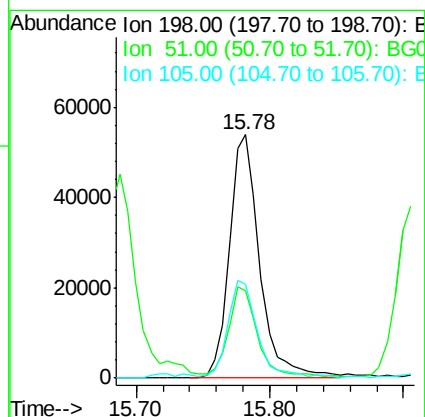
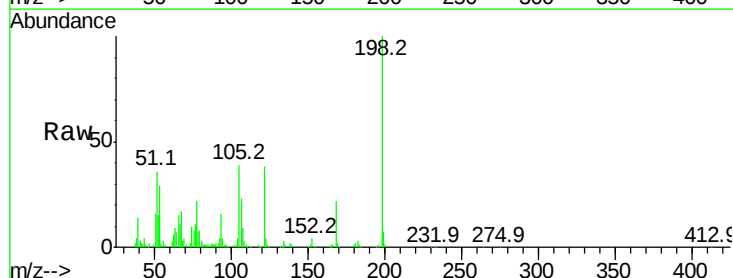
Manual Integrations
APPROVED

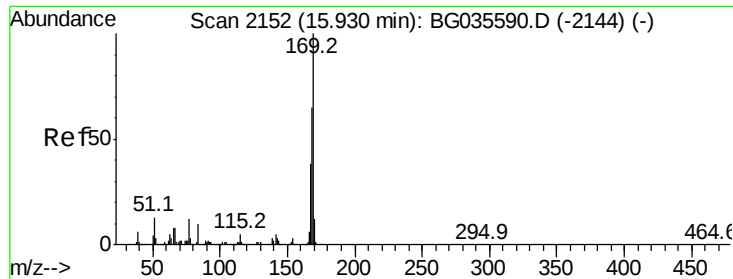
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 45.390 ng
RT: 15.78 min Scan# 2127
Delta R.T. 0.01 min
Lab File: BG035805.D
Acq: 21 Jul 2018 5:12

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	36.1	30.6	70.6
105	38.7	23.8	63.8





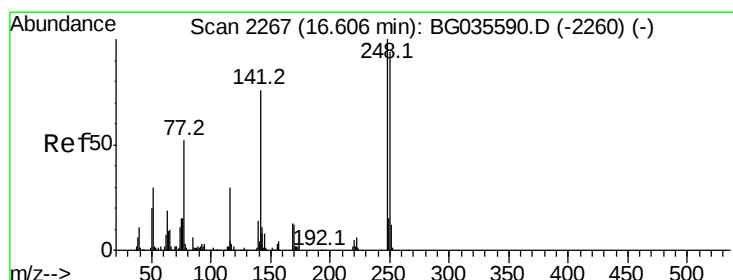
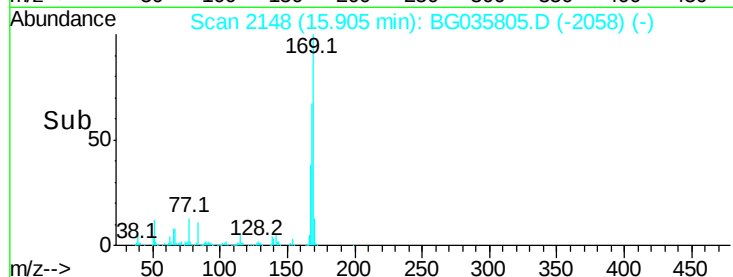
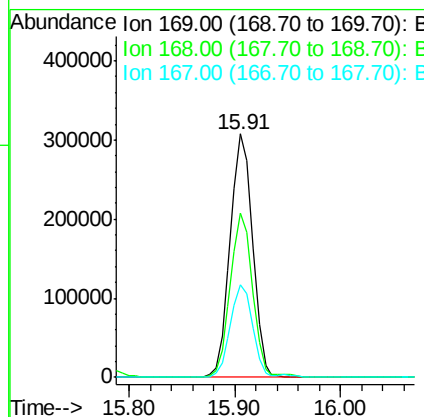
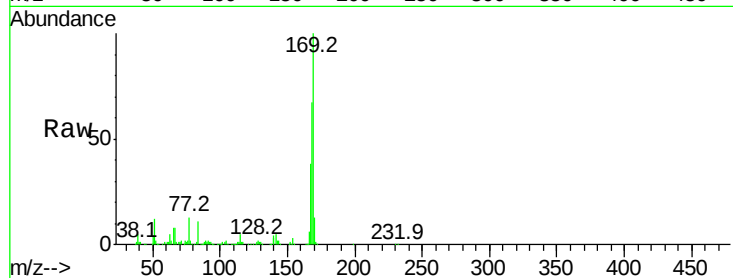
#65
n-Nitrosodiphenylamine
Concen: 46.810 ng
RT: 15.91 min Scan# 2148
Delta R.T. -0.00 min
Lab File: BG035805.D
Acq: 21 Jul 2018 5:12

Instrument :
BNA_G
ClientSampleId :
BU-01-071918MSD

Tot Ion	Ratio	Lower	Upper
169	100		
168	67.3	55.7	83.5
167	37.8	30.1	45.1

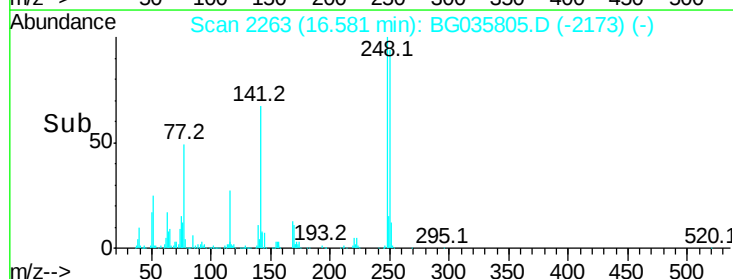
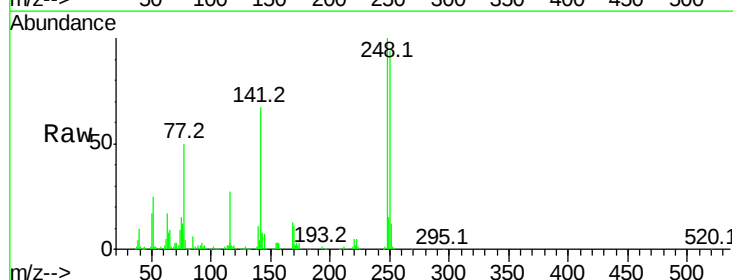
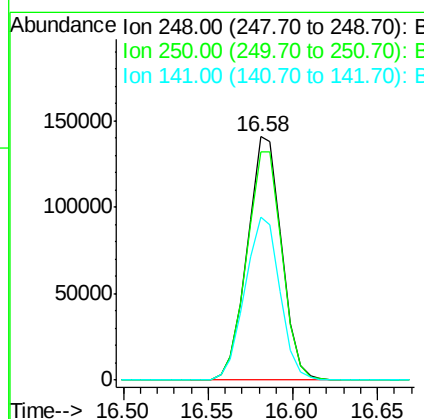
Manual Integrations
APPROVED

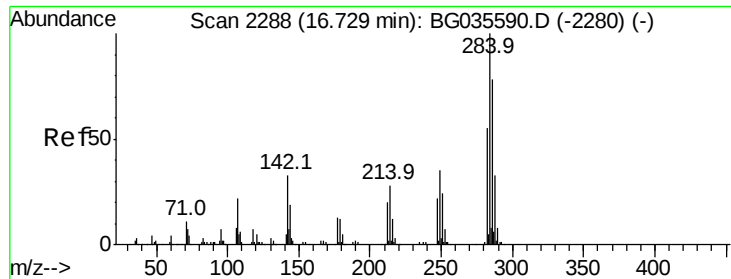
Sohil
7/23/2018 2:19:17 PM



#66
4-Bromophenyl-phenylether
Concen: 50.588 ng
RT: 16.58 min Scan# 2263
Delta R.T. -0.00 min
Lab File: BG035805.D
Acq: 21 Jul 2018 5:12

Tgt Ion	Ratio	Lower	Upper
248	100		
250	93.6	77.1	115.7
141	67.1	50.8	76.2





#67

Hexachlorobenzene

Concen: 50.225 ng

RT: 16.70 min Scan# 2284

Delta R.T. -0.00 min

Lab File: BG035805.D

Acq: 21 Jul 2018 5:12

Instrument :

BNA_G

ClientSampleId :

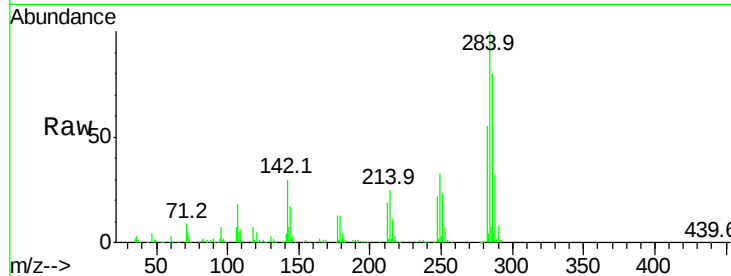
BU-01-071918MSD

Tot Ion:	284	Resp:	203005
Ion Ratio	Lower	Upper	
284	100		
142	30.4	26.8	40.2
249	33.2	26.3	39.5

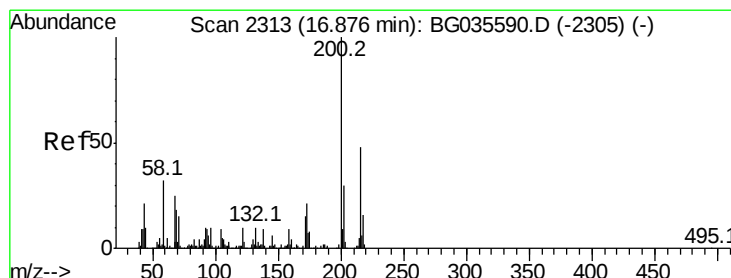
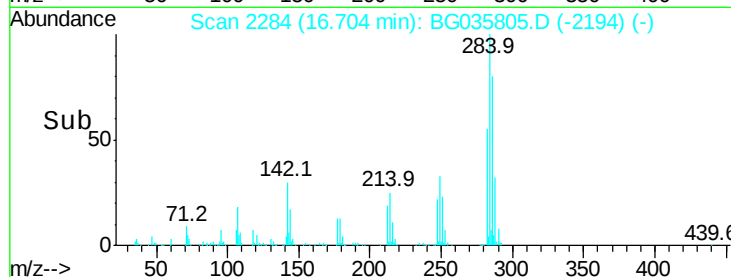
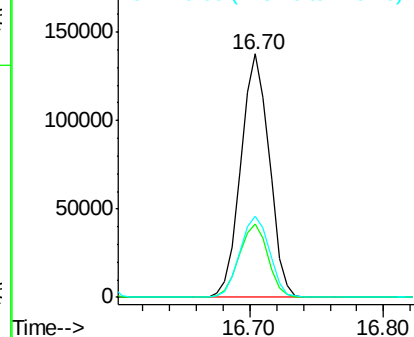
Manual Integrations
APPROVED

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Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 51.574 ng

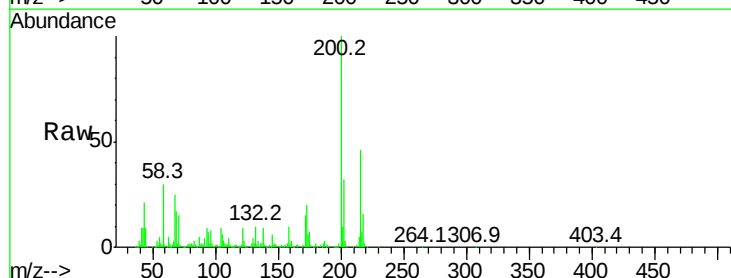
RT: 16.85 min Scan# 2309

Delta R.T. -0.00 min

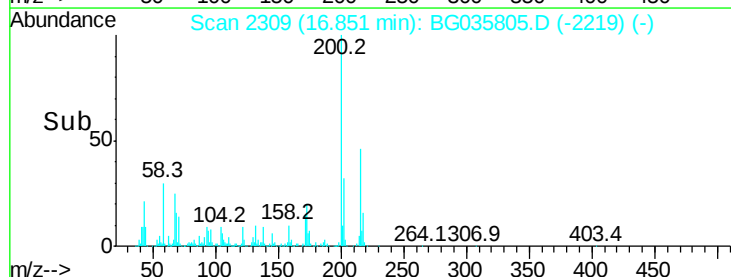
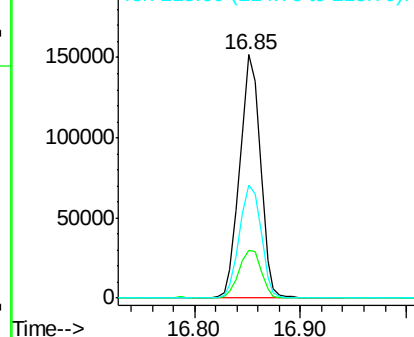
Lab File: BG035805.D

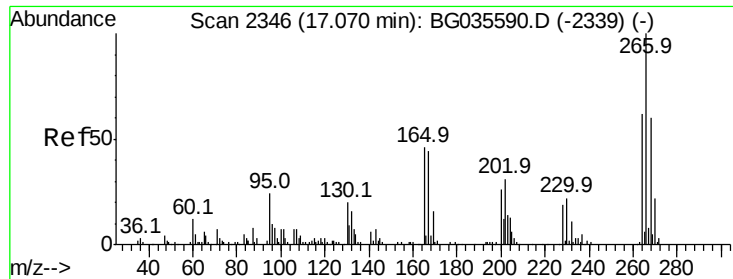
Acq: 21 Jul 2018 5:12

Tgt Ion:	200	Resp:	204473
Ion Ratio	Lower	Upper	
200	100		
173	19.8	5.2	45.2
215	46.3	30.4	70.4



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





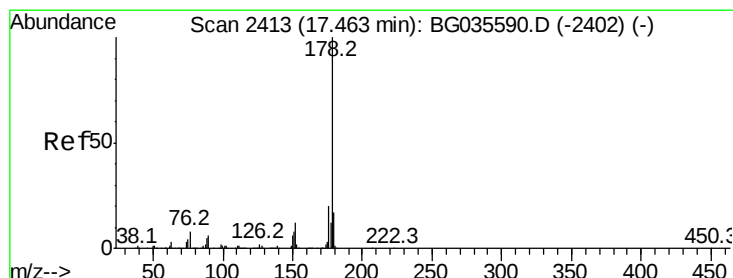
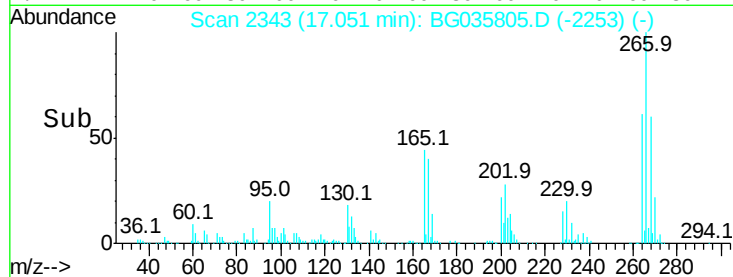
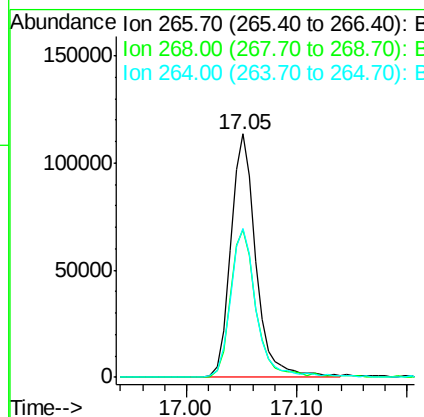
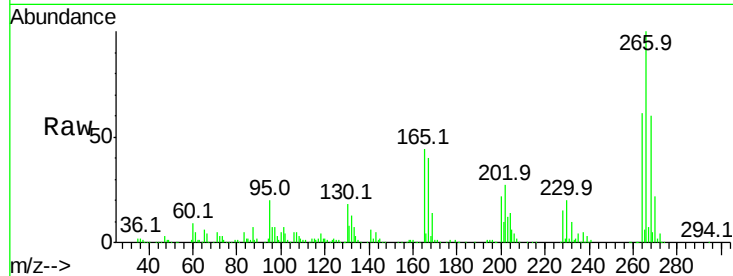
#69
 Pentachlorophenol
 Concen: 73.865 ng
 RT: 17.05 min Scan# 2343
 Delta R.T. -0.00 min
 Lab File: BG035805.D
 Acq: 21 Jul 2018 5:12

Instrument :
 BNA_G
 ClientSampleId :
 BU-01-071918MSD

Tot Ion:	266	Resp:	181846
Ion Ratio		Lower	Upper
266	100		
268	60.4	51.1	76.7
264	61.1	49.6	74.4

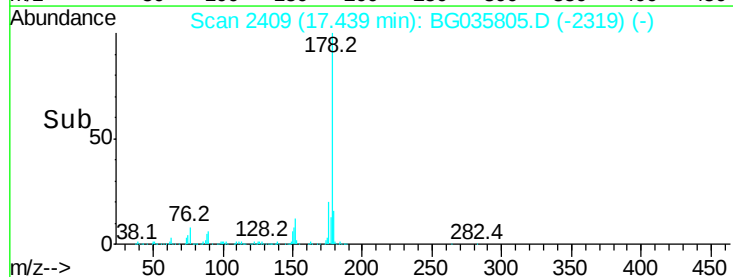
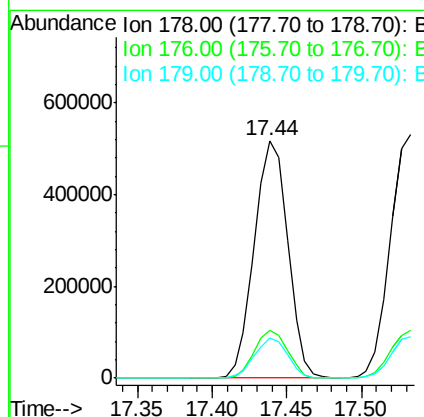
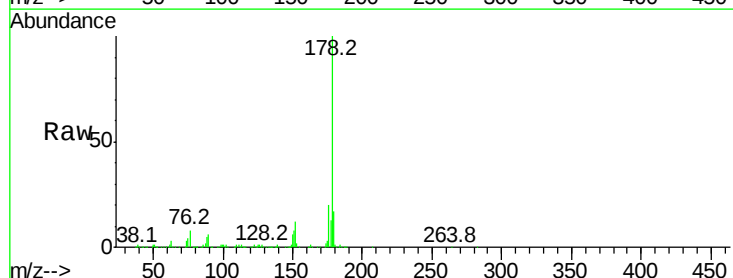
Manual Integrations
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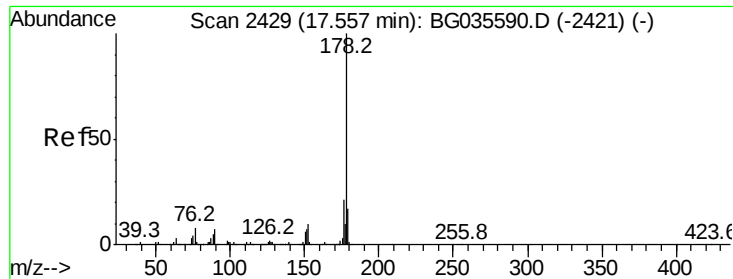
Sohil
 7/23/2018 2:19:17 PM



#70
 Phenanthrene
 Concen: 47.683 ng
 RT: 17.44 min Scan# 2409
 Delta R.T. -0.00 min
 Lab File: BG035805.D
 Acq: 21 Jul 2018 5:12

Tgt Ion:	178	Resp:	804919
Ion Ratio		Lower	Upper
178	100		
176	20.0	15.7	23.5
179	16.6	12.5	18.7





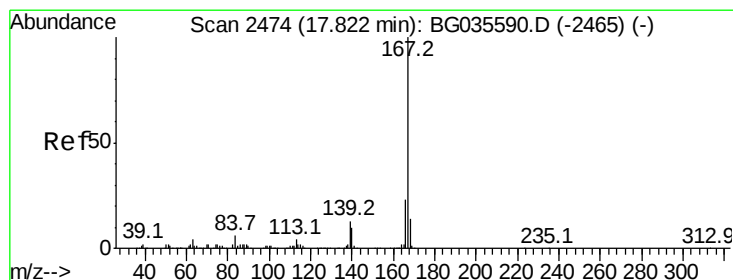
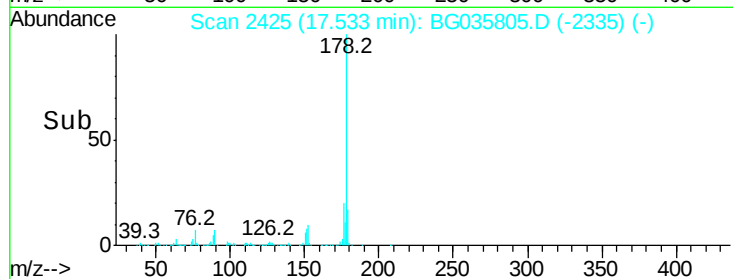
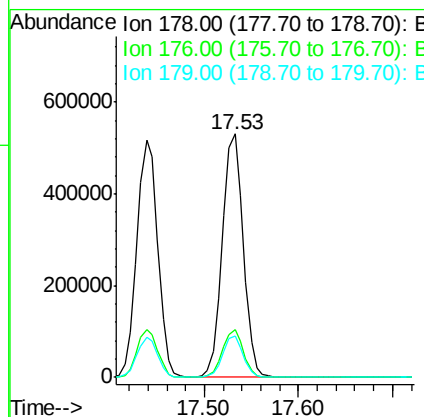
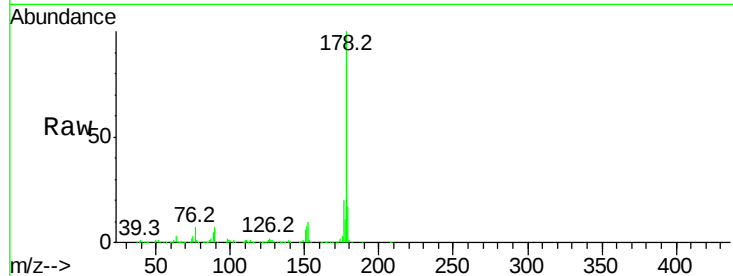
#71
 Anthracene
 Concen: 49.264 ng
 RT: 17.53 min Scan# 2425
 Delta R.T. -0.00 min
 Lab File: BG035805.D
 Acq: 21 Jul 2018 5:12

Instrument :
 BNA_G
 ClientSampleId :
 BU-01-071918MSD

Tot Ion	Ratio	Resp	Lower	Upper
178	100			
176	19.6	16.0	24.0	
179	16.9	12.5	18.7	

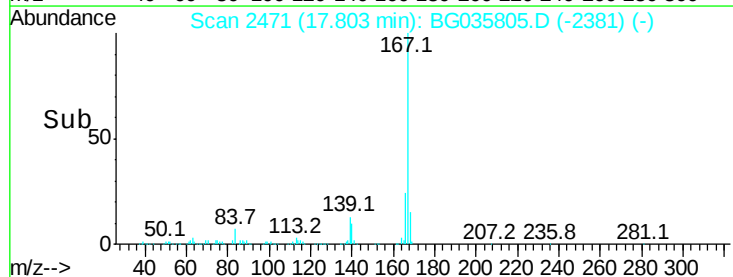
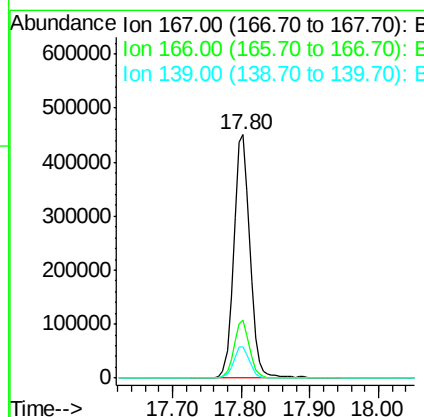
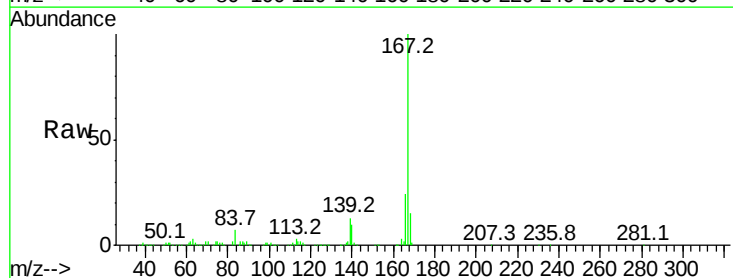
Manual Integrations
 APPROVED

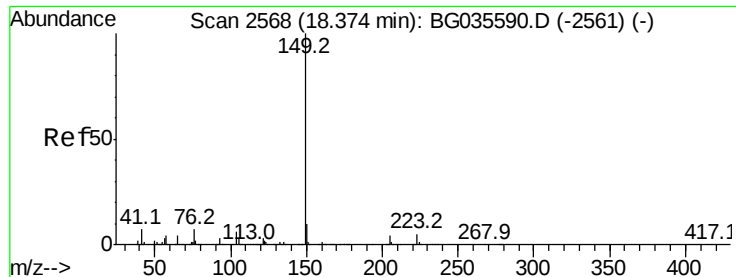
Sohil
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#72
 Carbazole
 Concen: 46.230 ng
 RT: 17.80 min Scan# 2471
 Delta R.T. -0.00 min
 Lab File: BG035805.D
 Acq: 21 Jul 2018 5:12

Tgt Ion	Ratio	Resp	Lower	Upper
167	100			
166	23.6	18.2	27.4	
139	12.8	9.4	14.2	





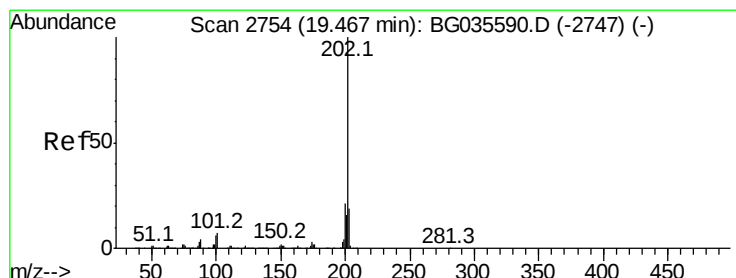
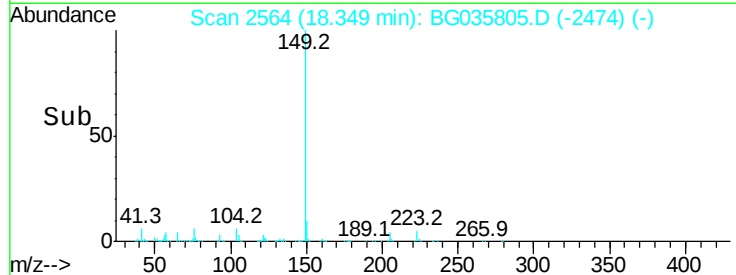
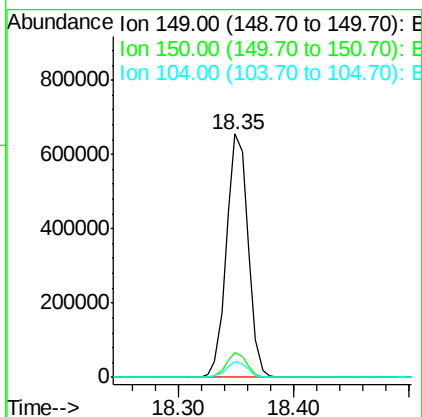
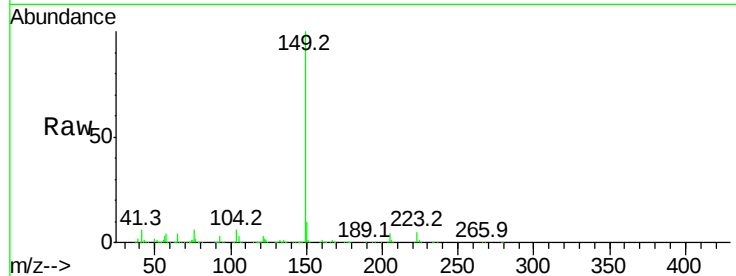
#73
Di-n-butylphthalate
Concen: 44.963 ng
RT: 18.35 min Scan# 2564
Delta R.T. -0.00 min
Lab File: BG035805.D
Acq: 21 Jul 2018 5:12

Instrument :
BNA_G
ClientSampleId :
BU-01-071918MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
150	10.2	7.8	11.6	
104	6.2	3.9	5.9	

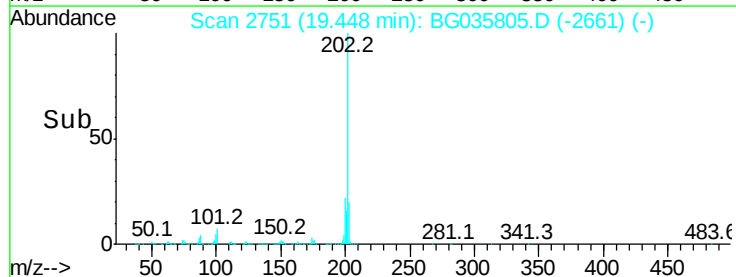
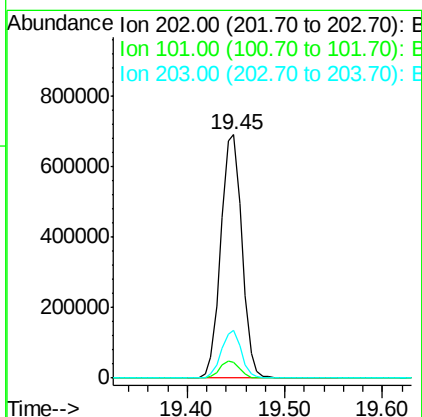
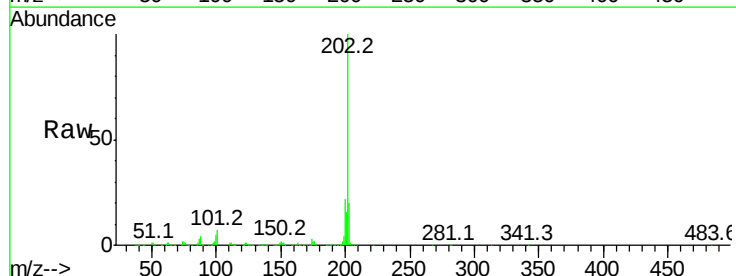
Manual Integrations
APPROVED

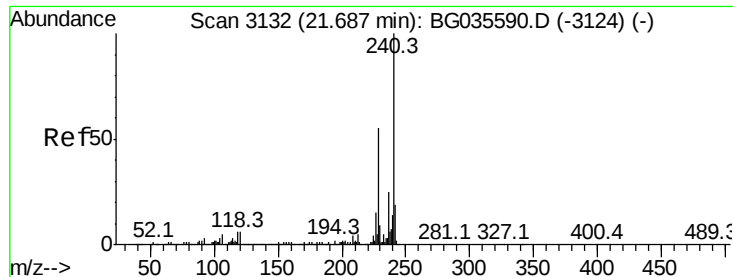
Sohil
7/23/2018 2:19:17 PM



#74
Fluoranthene
Concen: 45.489 ng
RT: 19.45 min Scan# 2751
Delta R.T. -0.00 min
Lab File: BG035805.D
Acq: 21 Jul 2018 5:12

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	6.6	0.0	28.9	
203	19.6	0.0	37.5	





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.66 min Scan# 3128

Delta R.T. -0.00 min

Lab File: BG035805.D

Acq: 21 Jul 2018 5:12

Instrument :

BNA_G

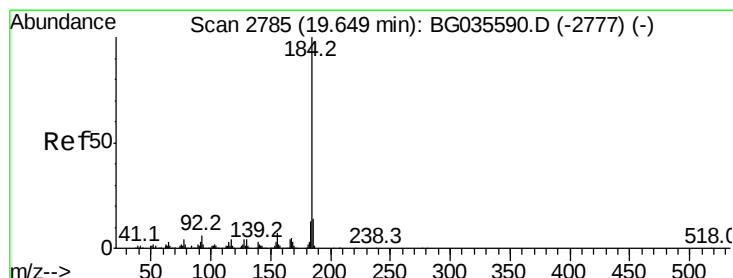
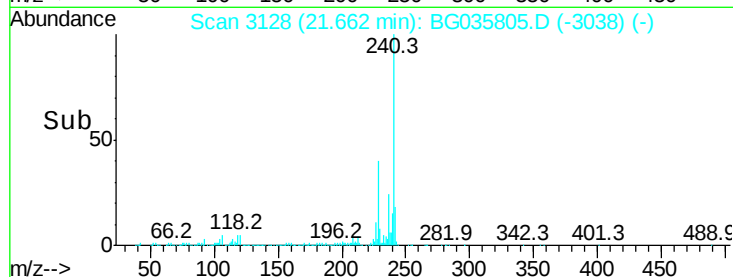
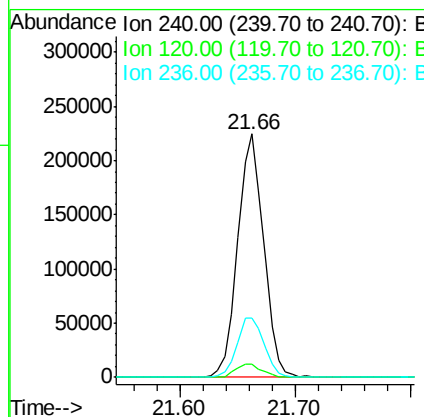
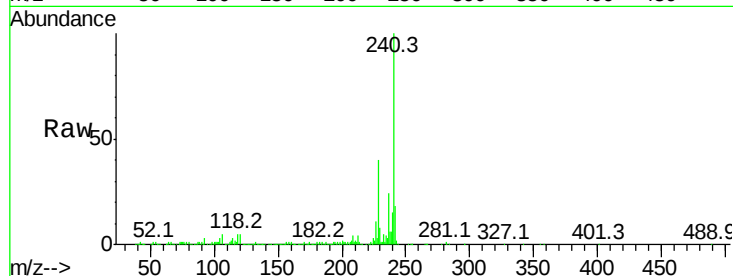
ClientSampleId :

BU-01-071918MSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	5.2	6.8	10.2#
236	24.3	20.9	31.3

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#76

Benzidine

Concen: 14.473 ng

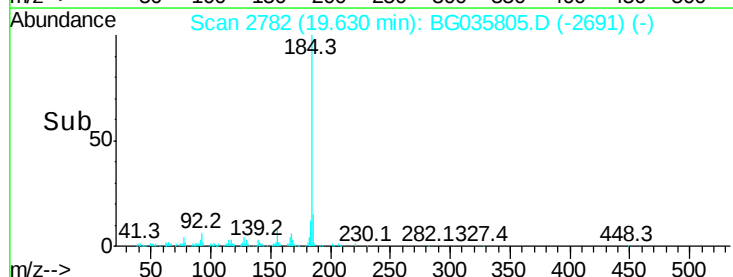
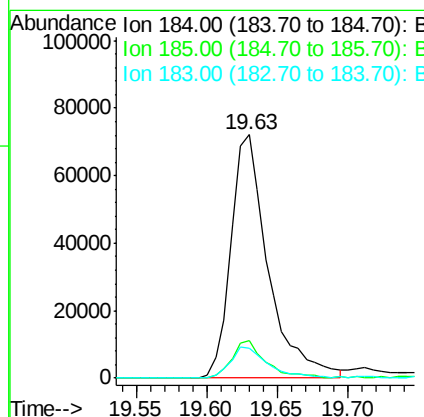
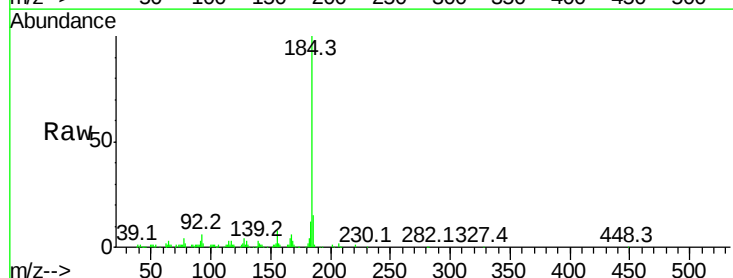
RT: 19.63 min Scan# 2782

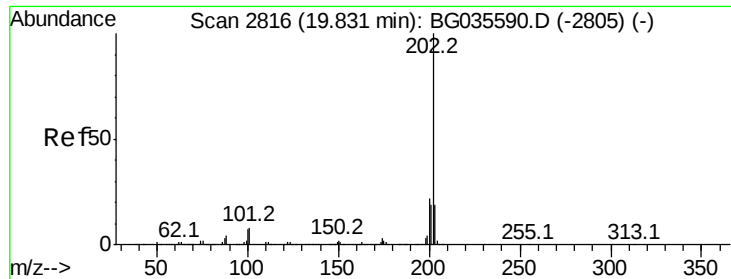
Delta R.T. 0.01 min

Lab File: BG035805.D

Acq: 21 Jul 2018 5:12

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.4	11.1	16.7
183	12.2	10.6	16.0





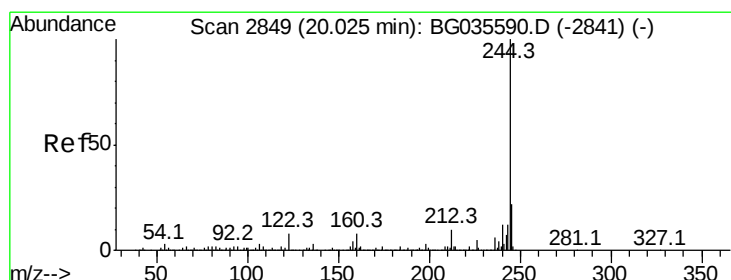
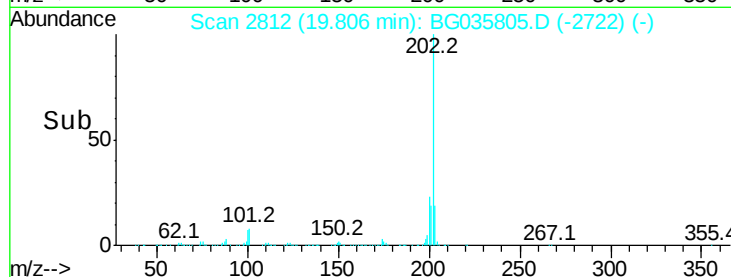
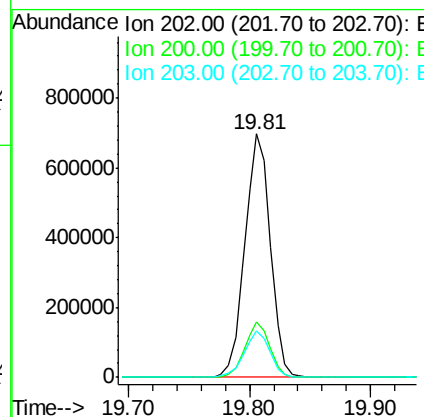
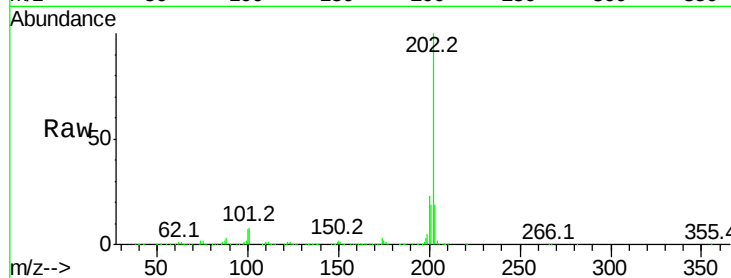
#77
Pvrene
Concen: 46.352 ng
RT: 19.81 min Scan# 2812
Delta R.T. -0.00 min
Lab File: BG035805.D
Acq: 21 Jul 2018 5:12

Instrument :
BNA_G
ClientSampleId :
BU-01-071918MSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.8	16.9	25.3
203	18.9	13.9	20.9

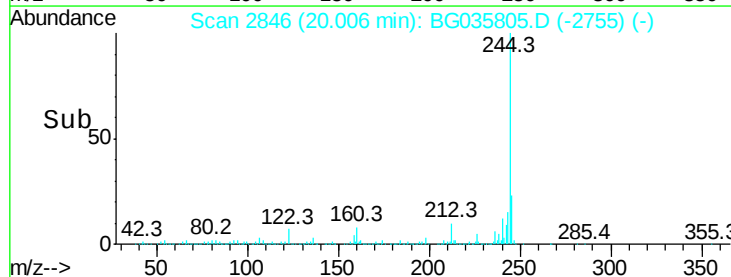
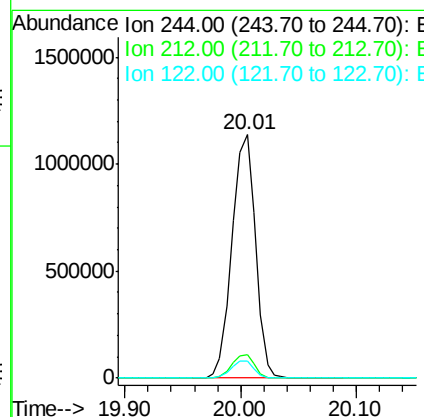
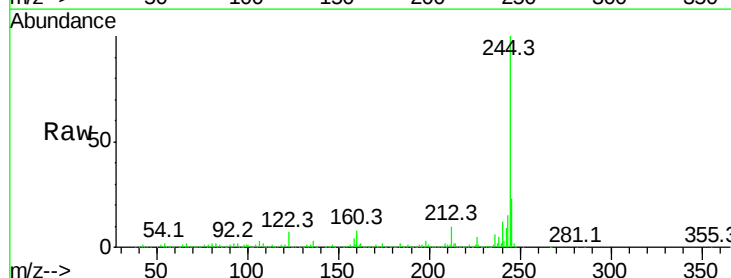
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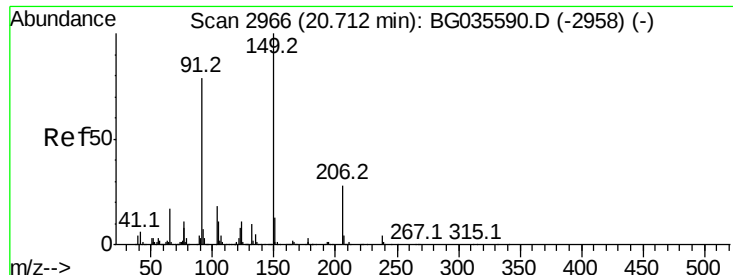
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#78
Terphenyl-d14
Concen: 100.968 ng
RT: 20.01 min Scan# 2846
Delta R.T. 0.01 min
Lab File: BG035805.D
Acq: 21 Jul 2018 5:12

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.6	5.8	8.8#
122	6.9	7.0	10.4#





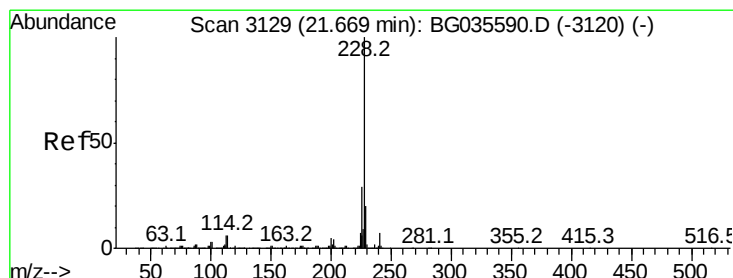
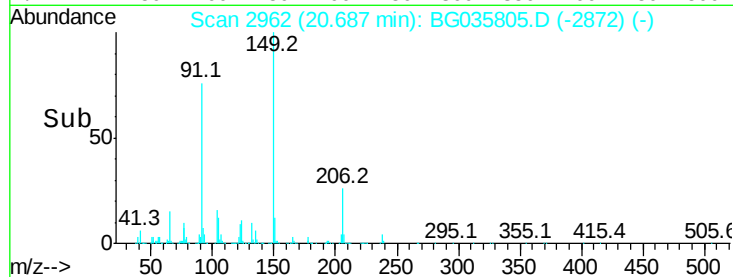
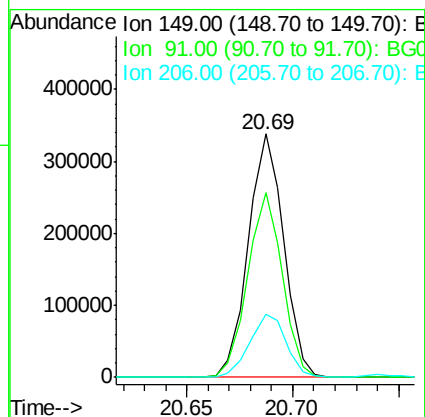
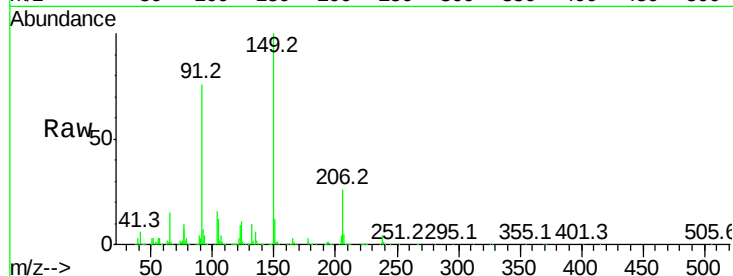
#79
Butylbenzylphthalate
Concen: 49.764 ng
RT: 20.69 min Scan# 2962
Delta R.T. -0.00 min
Lab File: BG035805.D
Acq: 21 Jul 2018 5:12

Instrument :
BNA_G
ClientSampleId :
BU-01-071918MSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	76.0	62.2	93.2
206	26.1	18.6	27.8

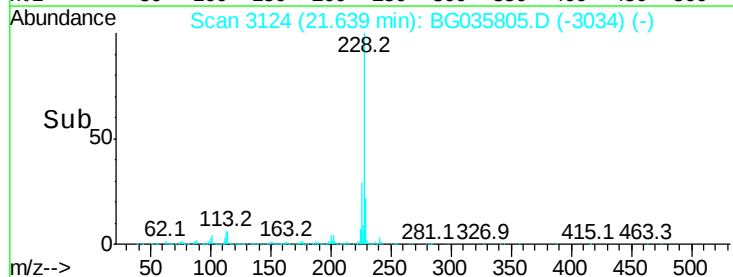
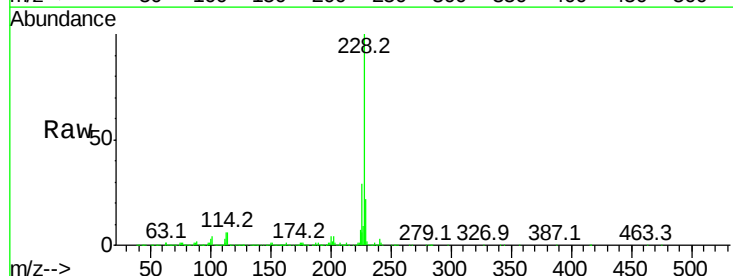
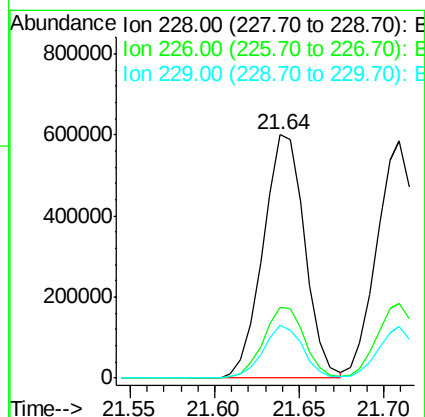
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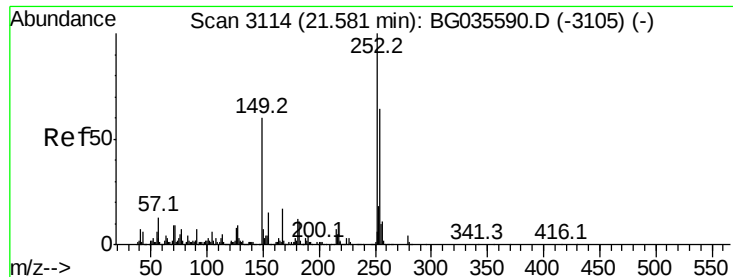
Sohil
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#80
Benzo(a)anthracene
Concen: 47.241 ng
RT: 21.64 min Scan# 3124
Delta R.T. -0.00 min
Lab File: BG035805.D
Acq: 21 Jul 2018 5:12

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.7	34.1
229	21.5	16.2	24.2





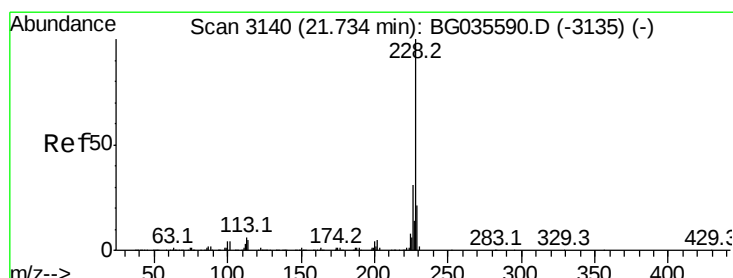
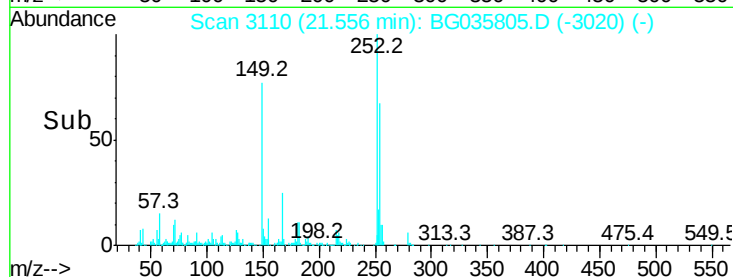
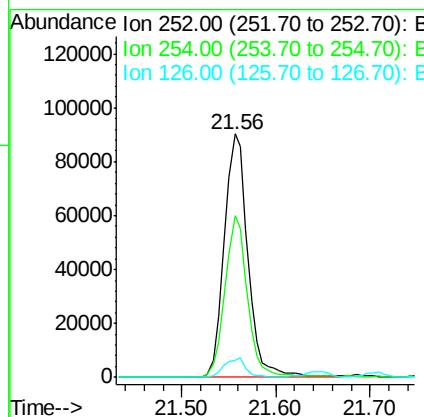
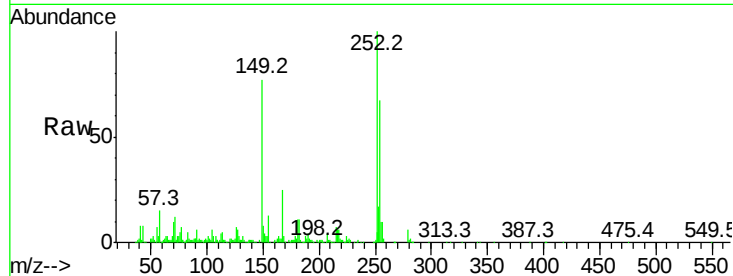
#81
 3,3'-Dichlorobenzidine
 Concen: 20.894 ng
 RT: 21.56 min Scan# 3110
 Delta R.T. -0.00 min
 Lab File: BG035805.D
 Acq: 21 Jul 2018 5:12

Instrument :
 BNA_G
 ClientSampleId :
 BU-01-071918MSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	66.6	50.8	76.2
126	7.0	7.4	11.2#

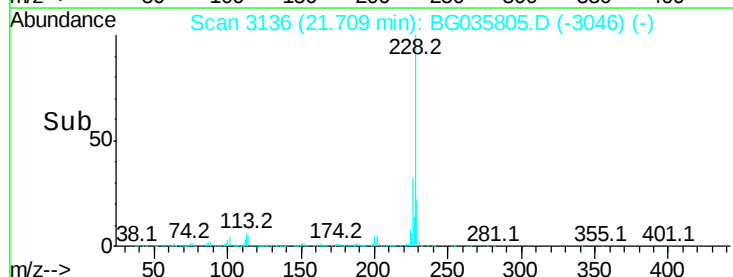
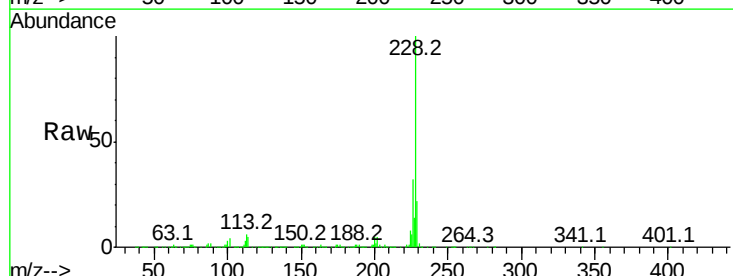
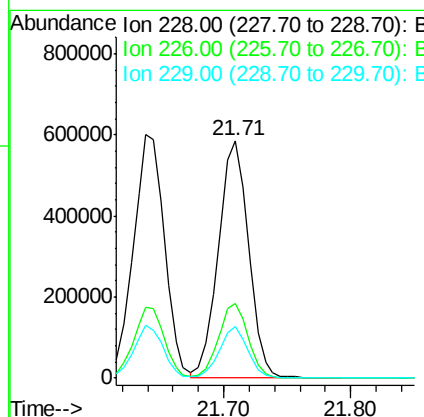
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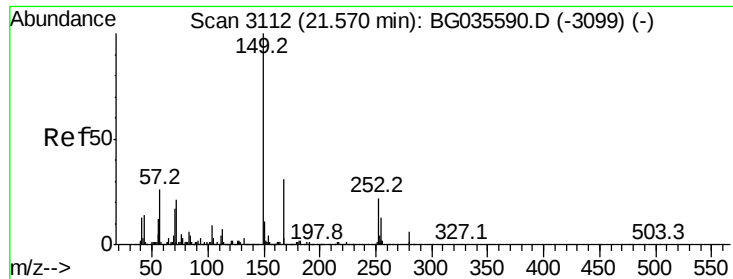
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#82
 Chrysene
 Concen: 47.803 ng
 RT: 21.71 min Scan# 3136
 Delta R.T. -0.00 min
 Lab File: BG035805.D
 Acq: 21 Jul 2018 5:12

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.6	24.9	37.3
229	21.7	15.0	22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 50.123 ng

RT: 21.54 min Scan# 3107

Delta R.T. -0.00 min

Lab File: BG035805.D

Acq: 21 Jul 2018 5:12

Instrument :

BNA_G

ClientSampleId :

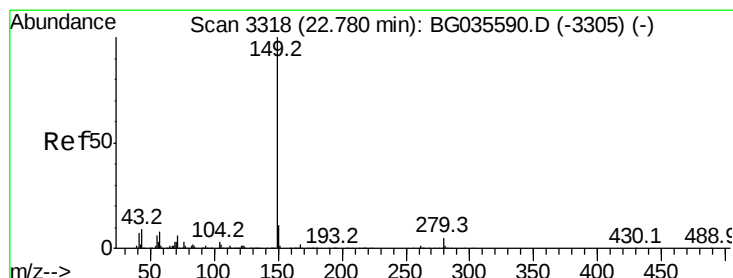
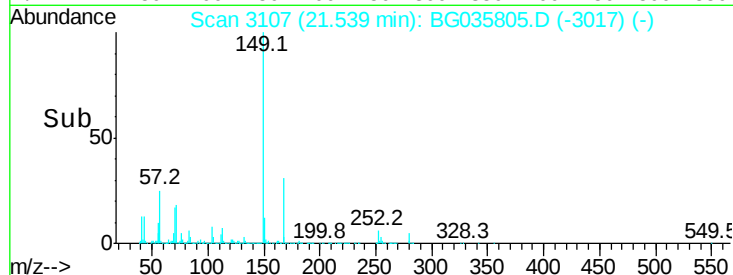
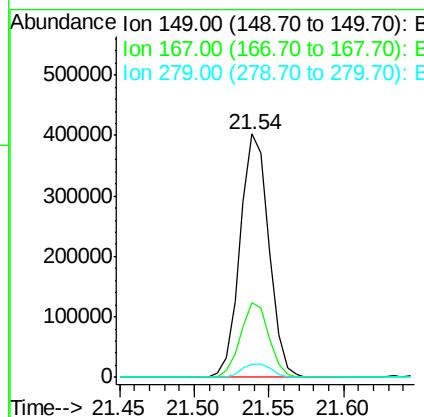
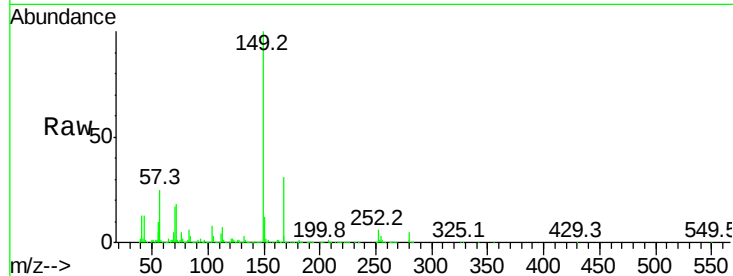
BU-01-071918MSD

Tot Ion:	149	Resp:	538949
Ion Ratio	Lower	Upper	
149	100		
167	30.7	24.3	36.5
279	5.2	4.0	6.0

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#84

Di-n-octyl phthalate

Concen: 51.473 ng

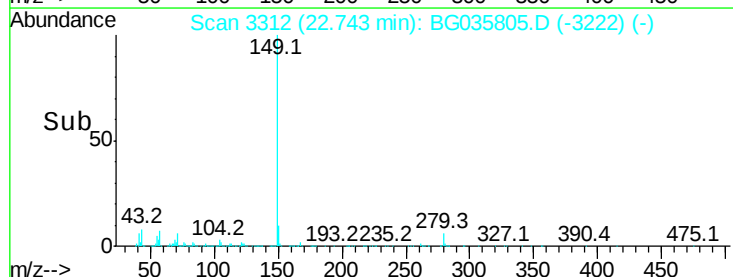
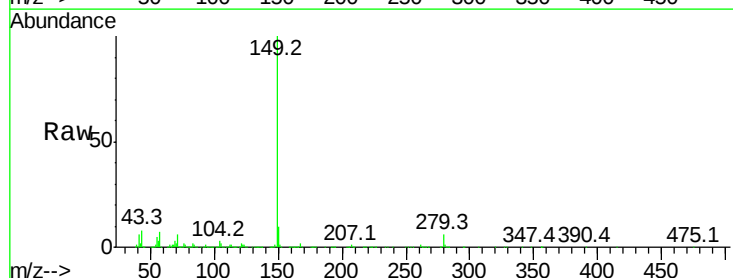
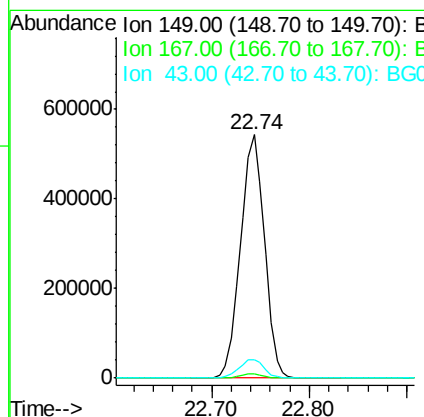
RT: 22.74 min Scan# 3312

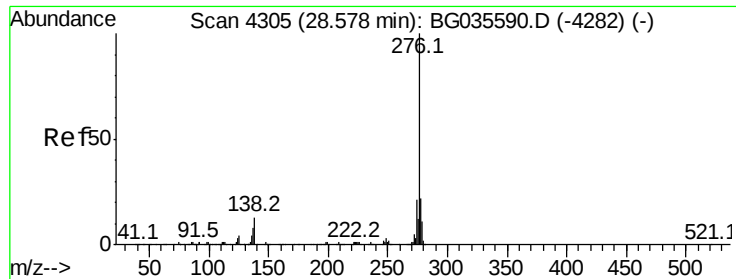
Delta R.T. -0.00 min

Lab File: BG035805.D

Acq: 21 Jul 2018 5:12

Tgt Ion:	149	Resp:	926688
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.4	2.0
43	7.9	8.9	13.3#





#85

Indeno(1,2,3-cd)pyrene

Concen: 49.882 ng

RT: 28.51 min Scan# 4293

Delta R.T. -0.00 min

Lab File: BG035805.D

Acq: 21 Jul 2018 5:12

Instrument :

BNA_G

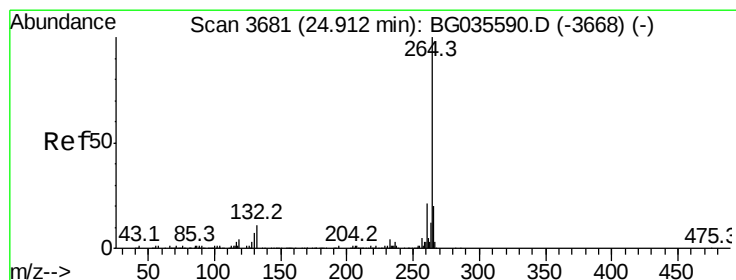
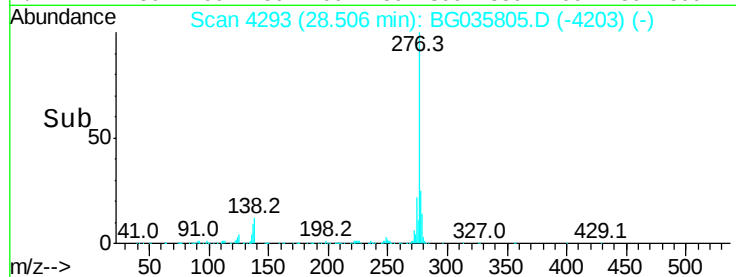
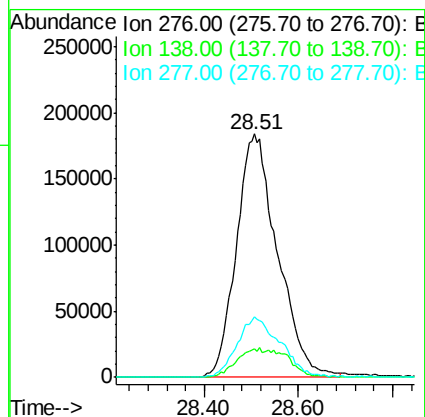
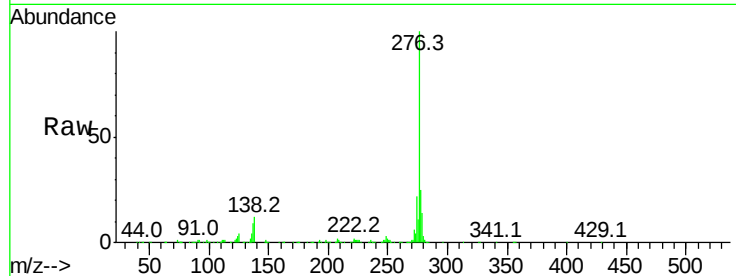
ClientSampleId :

BU-01-071918MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	8.1	16.0	24.0#
277	25.9	20.0	30.0

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#86

Perylene-d12

Concen: 20.000 ng

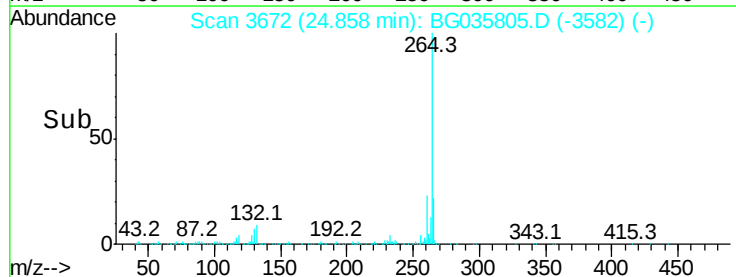
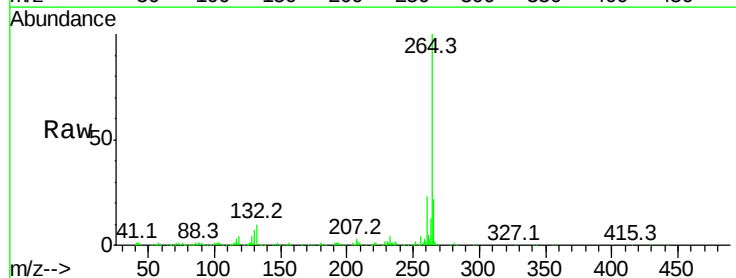
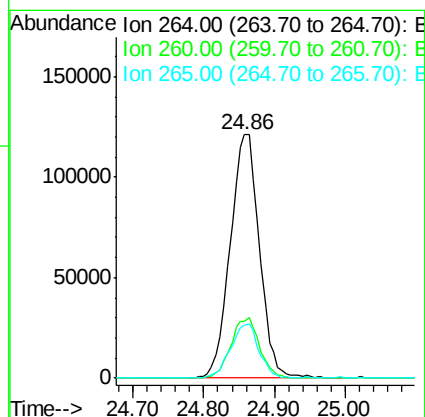
RT: 24.86 min Scan# 3672

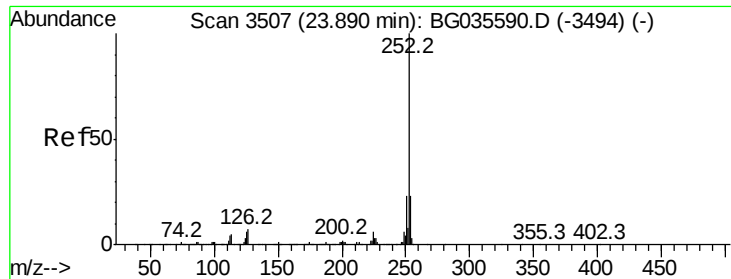
Delta R.T. -0.00 min

Lab File: BG035805.D

Acq: 21 Jul 2018 5:12

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	17.4	26.0
265	22.0	17.7	26.5





#87

Benzo(b)fluoranthene

Concen: 47.010 ng

RT: 23.85 min Scan# 3500

Delta R.T. -0.00 min

Lab File: BG035805.D

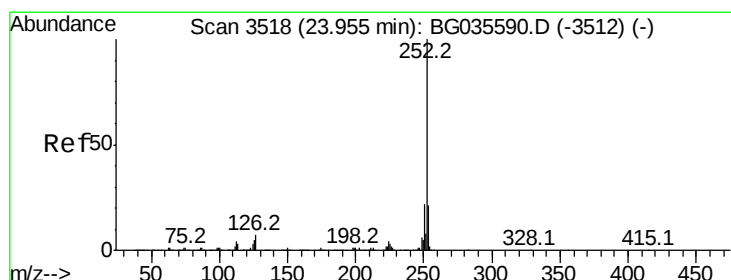
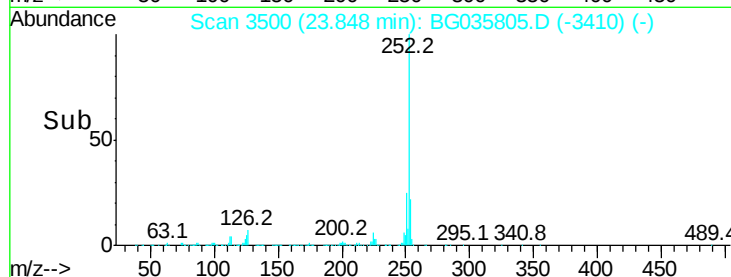
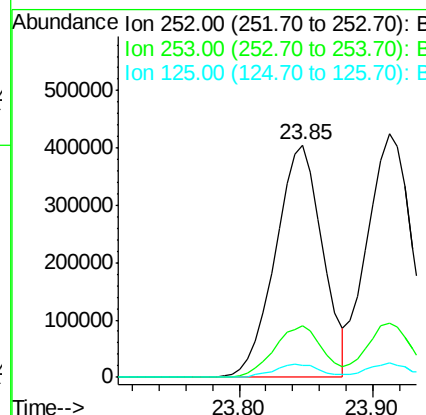
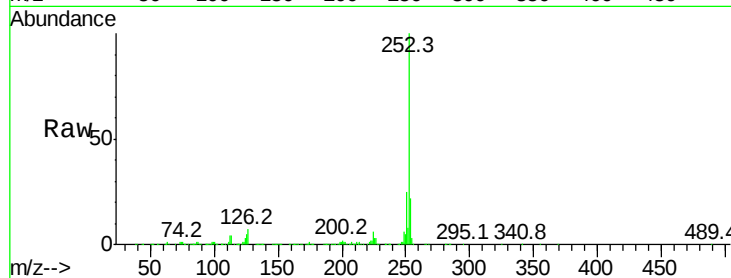
Acq: 21 Jul 2018 5:12

Instrument :
BNA_G
ClientSampleId :
BU-01-071918MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.4
125	5.4	7.2	10.8

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#88

Benzo(k)fluoranthene

Concen: 47.529 ng

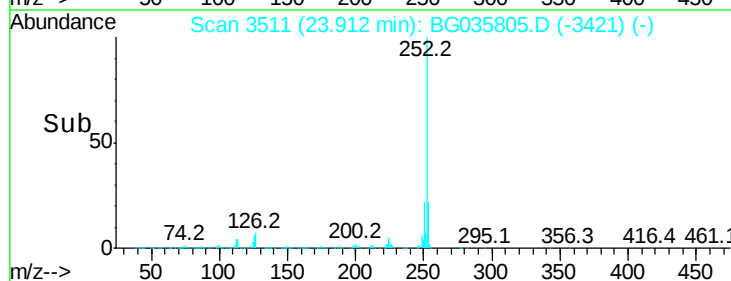
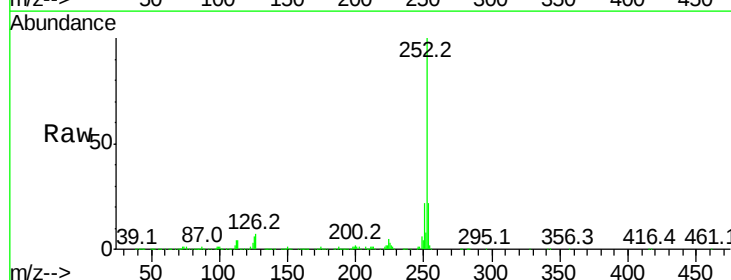
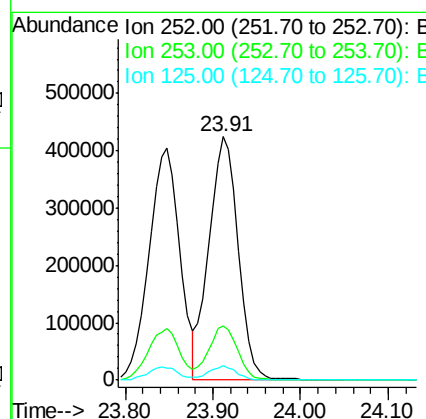
RT: 23.91 min Scan# 3511

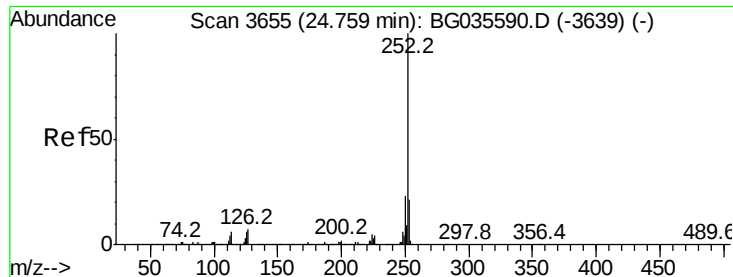
Delta R.T. -0.00 min

Lab File: BG035805.D

Acq: 21 Jul 2018 5:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.2
125	5.7	6.6	9.8





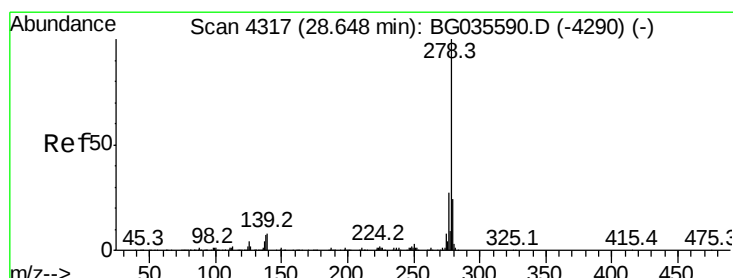
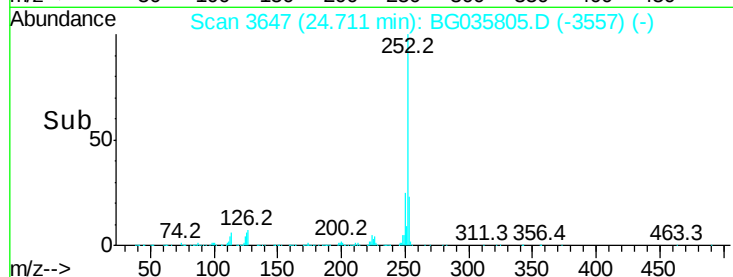
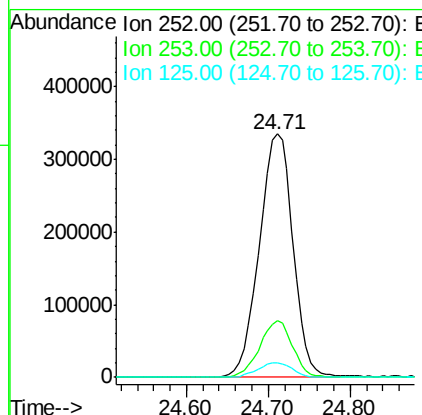
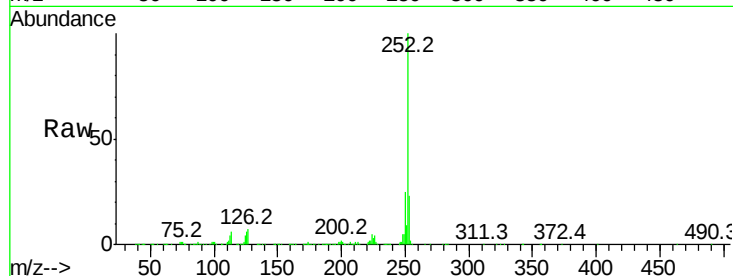
#89
Benzo(a)pyrene
Concen: 48.788 ng
RT: 24.71 min Scan# 3647
Delta R.T. -0.00 min
Lab File: BG035805.D
Acq: 21 Jul 2018 5:12

Instrument :
BNA_G
ClientSampleId :
BU-01-071918MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.3	27.5
125	6.2	7.3	10.9

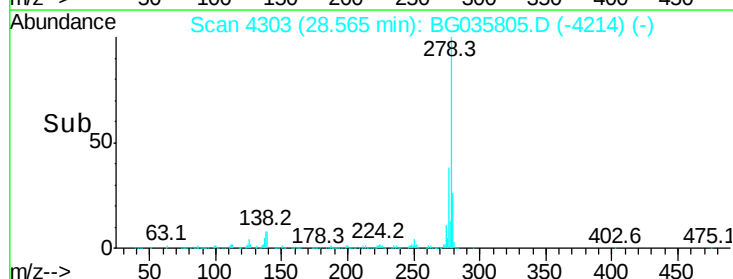
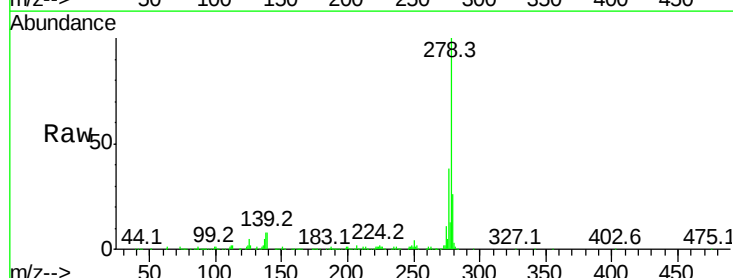
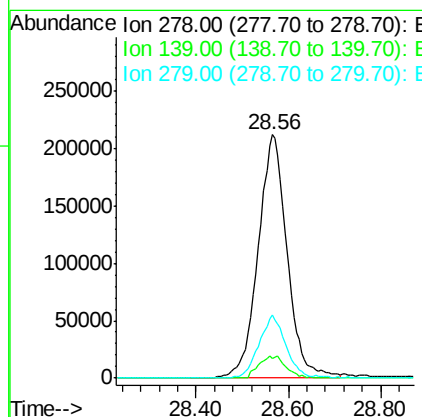
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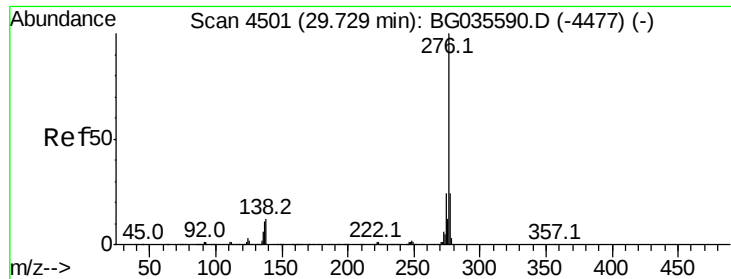
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 47.980 ng
RT: 28.56 min Scan# 4303
Delta R.T. -0.01 min
Lab File: BG035805.D
Acq: 21 Jul 2018 5:12

Tgt Ion	Ratio	Lower	Upper
278	100		
139	8.1	9.8	14.6
279	26.2	18.4	27.6





#91
 Benzo(a,h,i)perylene
 Concen: 47.944 ng
 RT: 29.65 min Scan# 4487
 Delta R.T. -0.01 min
 Lab File: BG035805.D
 Acq: 21 Jul 2018 5:12

Instrument :
 BNA_G
 ClientSampleId :
 BU-01-071918MSD

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	24.4	18.3	27.5
138	13.5	13.9	20.9

Manual Integrations
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