

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073118\
 Data File : BG036018.D
 Acq On : 1 Aug 2018 1:56
 Operator : JU/SJ
 Sample : J3831-04MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-072718MSD

Manual Integrations
 APPROVED

Sohil
 8/1/2018 5:09:00 PM

Quant Time: Aug 01 11:18:37 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 31 12:30:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	46673	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	165141	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	120405	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	312259	20.00	ng	0.00
75) Chrysene-d12	21.66	240	330238	20.00	ng	0.00
86) Perylene-d12	24.85	264	314621	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	367980	130.90	ng	0.00
7) Phenol-d6	7.20	99	493800	117.73	ng	0.00
23) Nitrobenzene-d5	9.18	82	379505	96.00	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	264604	166.73	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	838951	93.35	ng	0.00
78) Terphenyl-d14	20.00	244	1531965	102.26	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	44447	31.064	ng	# 74
3) Pyridine	3.94	79	99585	26.660	ng	# 76
4) n-Nitrosodimethylamine	3.84	42	54631	34.062	ng	# 75
6) Aniline	7.36	93	81576	15.005	ng	96
8) 2-Chlorophenol	7.59	128	124360	43.495	ng	94
9) Benzaldehyde	7.17	77	70051	27.220	ng	94
10) Phenol	7.22	94	158519	37.408	ng	94
11) bis(2-Chloroethyl)ether	7.45	93	129416	38.997	ng	88
12) 1,3-Dichlorobenzene	7.92	146	140189	40.602	ng	98
13) 1,4-Dichlorobenzene	8.06	146	146462	41.749	ng	96
14) 1,2-Dichlorobenzene	8.37	146	136414	40.477	ng	97
15) Benzyl Alcohol	8.27	79	143516	37.680	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.54	45	144310	51.869	ng	76
17) 2-Methylphenol	8.47	107	122274	42.440	ng	93
18) Hexachloroethane	9.10	117	53930	40.206	ng	91
19) n-Nitroso-di-n-propylamine	8.83	70	121887	34.510	ng	# 83
20) 3+4-Methylphenols	8.80	107	161397	40.381	ng	91
22) Acetophenone	8.84	105	225850	43.979	ng	# 89
24) Nitrobenzene	9.23	77	180475	45.395	ng	91
25) Isophorone	9.75	82	350718	47.792	ng	99
26) 2-Nitrophenol	9.94	139	75684	53.602	ng	# 83
27) 2,4-Dimethylphenol	10.00	122	130224	54.486	ng	87
28) bis(2-Chloroethoxy)methane	10.22	93	181197	44.811	ng	95
29) 2,4-Dichlorophenol	10.48	162	145056	53.168	ng	94
30) 1,2,4-Trichlorobenzene	10.69	180	160238	47.897	ng	99
31) Naphthalene	10.88	128	394576	45.868	ng	99
32) Benzoic acid	10.17	122	42590m	26.471	ng	
33) 4-Chloroaniline	11.01	127	13541	3.612	ng	# 92
34) Hexachlorobutadiene	11.16	225	123744	47.434	ng	97
35) Caprolactam	11.78	113	39131m	33.422	ng	
36) 4-Chloro-3-methylphenol	12.11	107	178053	48.688	ng	95
37) 2-Methylnaphthalene	12.47	142	310597	48.464	ng	# 93
39) 1,2,4,5-Tetrachlorobenzene	12.84	216	212628	46.788	ng	99
40) Hexachlorocyclopentadiene	12.82	237	261188	109.589	ng	92

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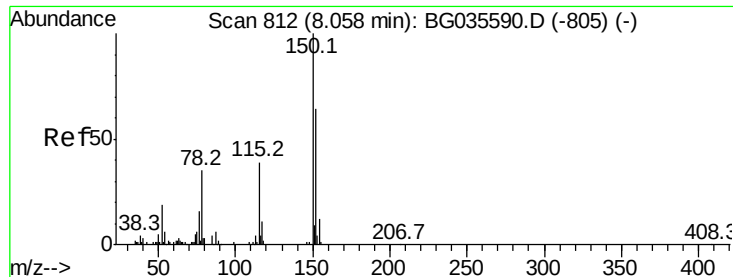
Manual Integrations
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 8/1/2018 5:09:00 PM

Quant Time: Aug 01 11:18:37 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 31 12:30:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	140990	53.051	nq	95
43) 2,4,5-Trichlorophenol	13.16	196	152251	51.210	nq	98
45) 1,1'-Biphenyl	13.48	154	431696	46.245	nq	97
46) 2-Chloronaphthalene	13.53	162	338102	46.563	nq	100
47) 2-Nitroaniline	13.73	65	117665	45.837	nq	94
48) Acenaphthylene	14.37	152	563116	46.297	nq	98
49) Dimethylphthalate	14.10	163	482278	45.717	nq	99
50) 2,6-Dinitrotoluene	14.22	165	110375	51.380	nq	91
51) Acenaphthene	14.71	154	327737	43.255	nq	97
52) 3-Nitroaniline	14.55	138	30661	13.965	nq #	96
53) 2,4-Dinitrophenol	14.77	184	79269	72.434	nq #	67
54) Dibenzofuran	15.05	168	554742	46.036	nq	94
55) 4-Nitrophenol	14.88	139	124608	79.690	nq #	88
56) 2,4-Dinitrotoluene	15.01	165	158571	51.452	nq #	84
57) Fluorene	15.69	166	459527	45.499	nq	100
58) 2,3,4,6-Tetrachlorophenol	15.27	232	151008	52.974	nq	91
59) Diethylphthalate	15.46	149	475146	43.803	nq	97
60) 4-Chlorophenyl-phenylether	15.68	204	273404	46.058	nq	96
61) 4-Nitroaniline	15.72	138	101988	44.406	nq #	83
62) Azobenzene	15.98	77	468748	43.809	nq	95
64) 4,6-Dinitro-2-methylphenol	15.78	198	80325	46.211	nq	87
65) n-Nitrosodiphenylamine	15.90	169	412430	46.403	nq	98
66) 4-Bromophenyl-phenylether	16.57	248	184019	50.796	nq	96
67) Hexachlorobenzene	16.70	284	188684	50.576	nq	96
68) Atrazine	16.85	200	187872	51.339	nq	96
69) Pentachlorophenol	17.04	266	175766	77.349	nq	96
70) Phenanthrene	17.43	178	743866	47.741	nq	97
71) Anthracene	17.53	178	753684	48.579	nq	98
72) Carbazole	17.80	167	678120	46.024	nq	98
73) Di-n-butylphthalate	18.34	149	781381	44.877	nq #	98
74) Fluoranthene	19.44	202	963826	45.923	nq	97
76) Benzidine	19.63	184	62990m	7.255	nq	
77) Pyrene	19.80	202	973393	46.615	nq	96
79) Butylbenzylphthalate	20.68	149	363359	48.660	nq	98
80) Benzo(a)anthracene	21.63	228	979553	47.598	nq	99
81) 3,3'-Dichlorobenzidine	21.55	252	156937	21.871	nq	97
82) Chrysene	21.70	228	922252	48.360	nq	98
83) Bis(2-ethylhexyl)phthalate	21.53	149	511049	50.341	nq	100
84) Di-n-octyl phthalate	22.73	149	860013	50.596	nq #	92
85) Indeno(1,2,3-cd)pyrene	28.49	276	1045596	49.522	nq #	93
87) Benzo(b)fluoranthene	23.84	252	947175	49.532	nq #	97
88) Benzo(k)fluoranthene	23.91	252	894172	47.829	nq #	96
89) Benzo(a)pyrene	24.70	252	896692	50.404	nq #	97
90) Dibenzo(a,h)anthracene	28.55	278	885396	50.694	nq #	96
91) Benzo(g,h,i)perylene	29.64	276	865562	50.645	nq #	94

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



#1

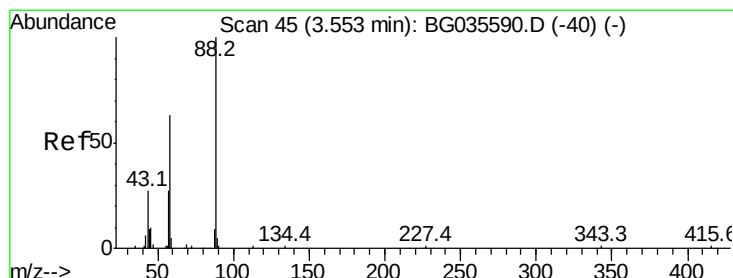
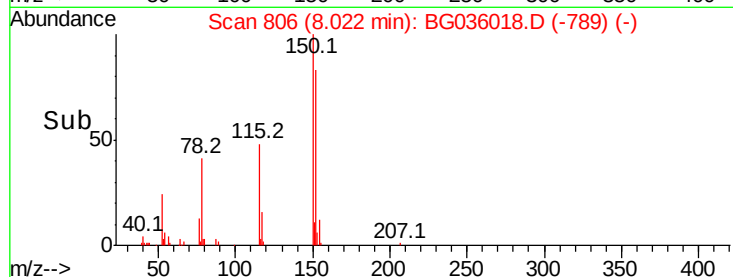
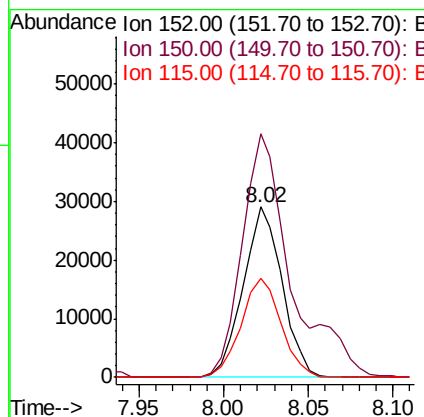
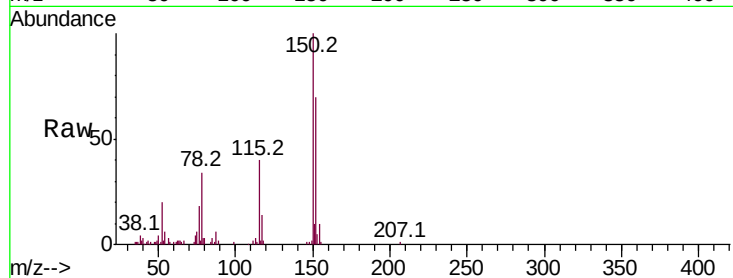
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 806
Delta R.T. -0.00 min
Lab File: BG036018.D
Acq: 1 Aug 2018 1:56

Instrument :
BNA_G
ClientSampleId :
SU-03-072718MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	142.8	126.6	189.8
115	57.8	53.0	79.4

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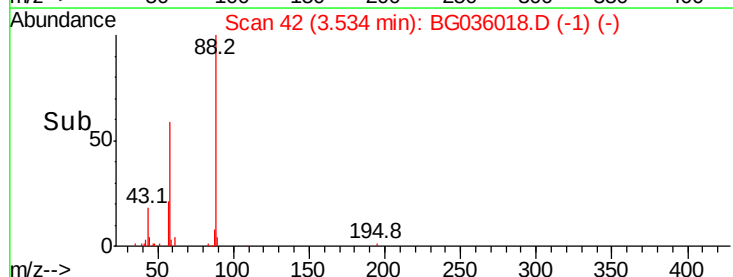
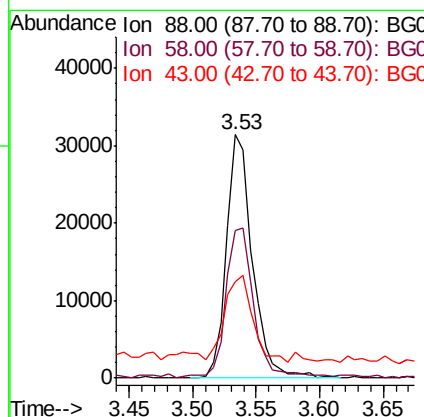
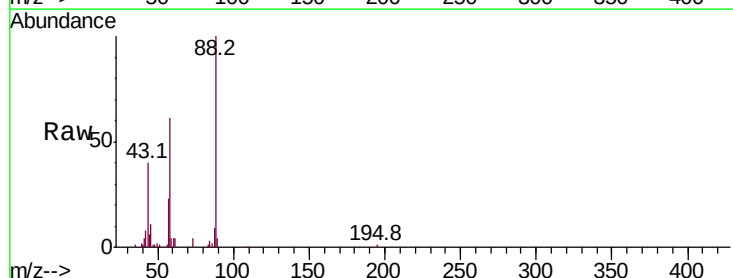
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8/1/2018 5:09:00 PM

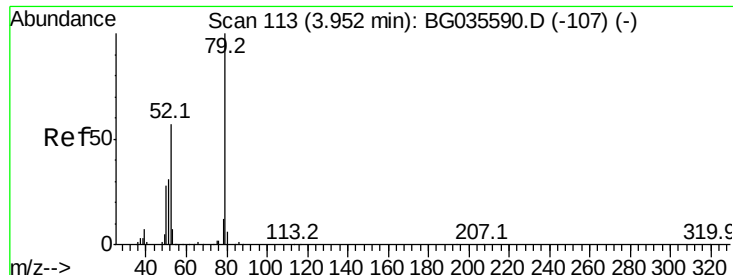


#2

1,4-Dioxane
Concen: 31.064 ng
RT: 3.53 min Scan# 42
Delta R.T. 0.01 min
Lab File: BG036018.D
Acq: 1 Aug 2018 1:56

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.4	79.6	119.4#
43	38.3	27.4	41.0





#3

Pvridine

Concen: 26.660 ng

RT: 3.94 min Scan# 111

Delta R.T. 0.02 min

Lab File: BG036018.D

Acq: 1 Aug 2018 1:56

Instrument :

BNA_G

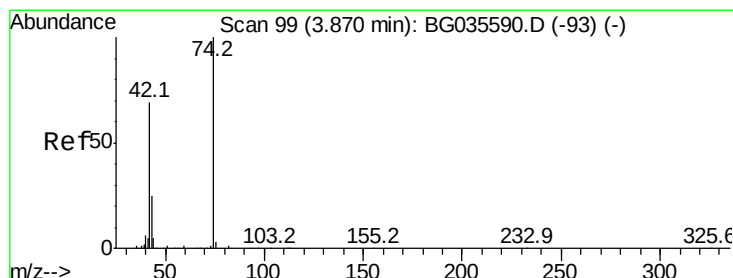
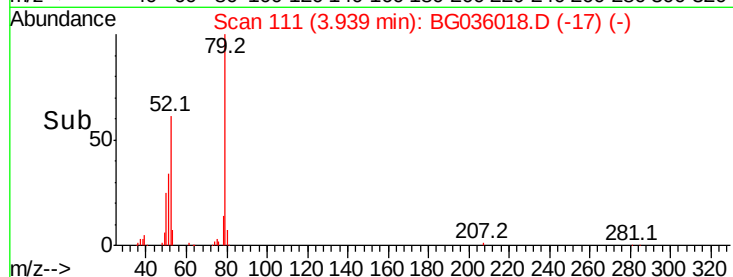
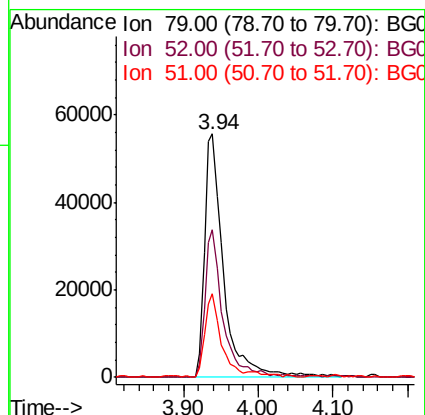
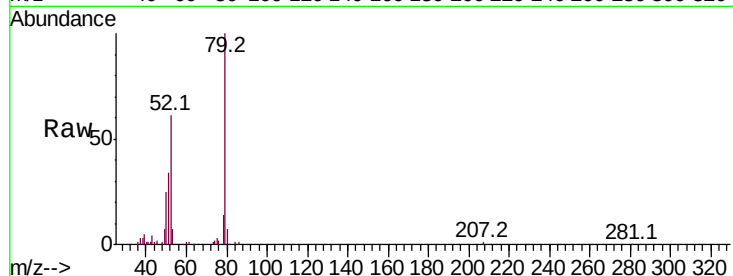
ClientSampleId :

SU-03-072718MSD

Tot Ion:	79	Resp:	99585
Ion Ratio	Lower	Upper	
79	100		
52	60.6	69.9	104.9#
51	34.3	34.0	51.0

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#4

n-Nitrosodimethylamine

Concen: 34.062 ng

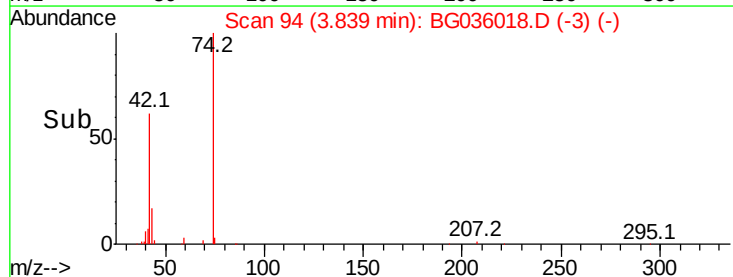
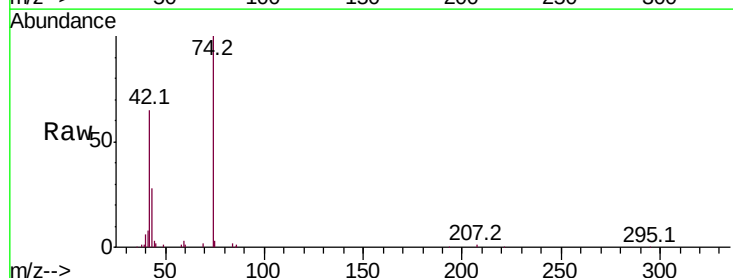
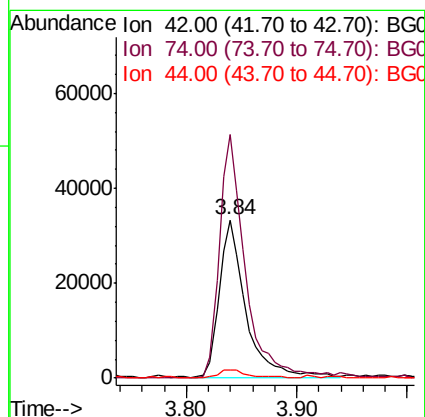
RT: 3.84 min Scan# 94

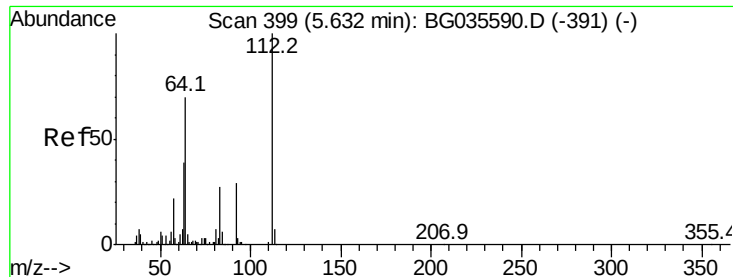
Delta R.T. 0.00 min

Lab File: BG036018.D

Acq: 1 Aug 2018 1:56

Tgt Ion:	42	Resp:	54631
Ion Ratio	Lower	Upper	
42	100		
74	154.1	102.5	153.7#
44	4.9	18.9	28.3#





#5

2-Fluorophenol

Concen: 130.896 ng

RT: 5.61 min Scan# 396

Delta R.T. 0.01 min

Lab File: BG036018.D

Acq: 1 Aug 2018 1:56

Instrument :

BNA_G

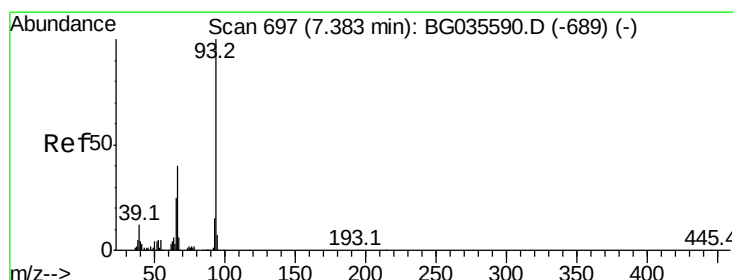
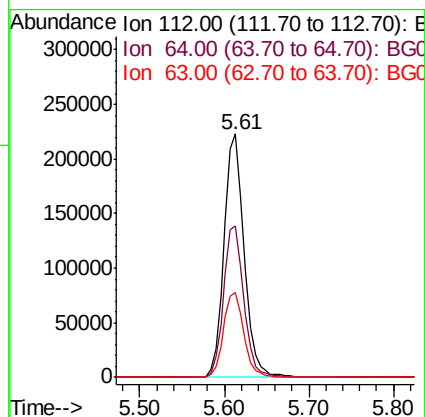
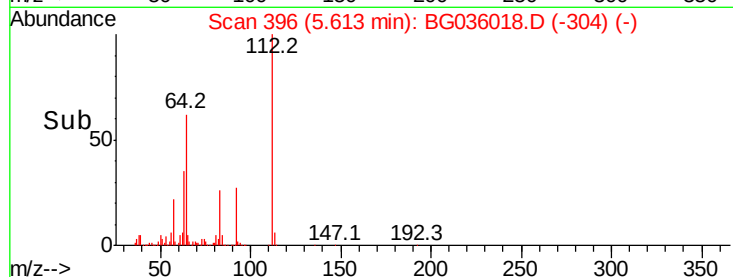
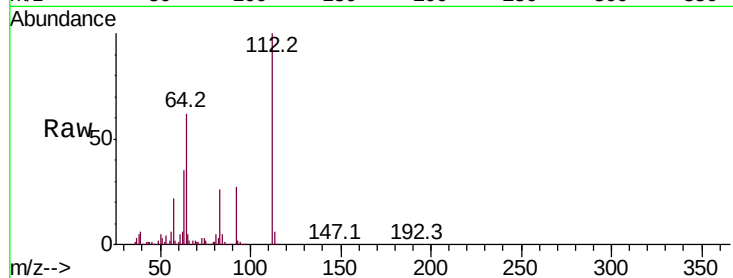
ClientSampleId :

SU-03-072718MSD

Tot Ion:	112	Resp:	367980
Ion Ratio	Lower	Upper	
112	100		
64	62.2	56.3	84.5
63	34.7	30.1	45.1

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8/1/2018 5:09:00 PM



#6

Aniline

Concen: 15.005 ng

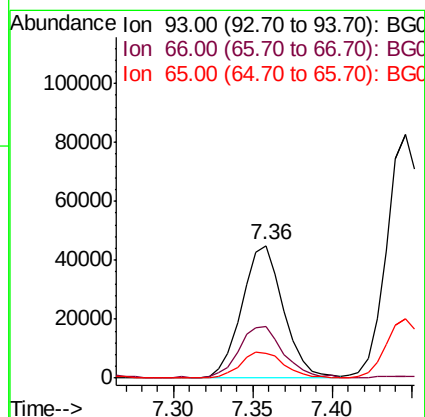
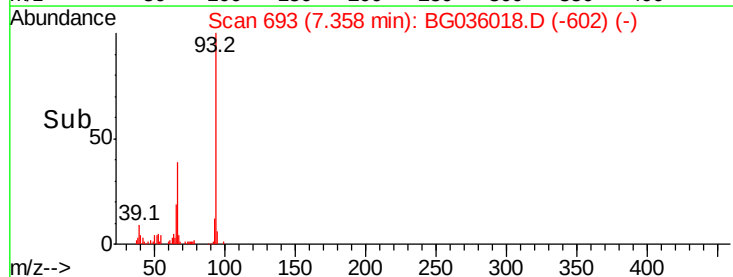
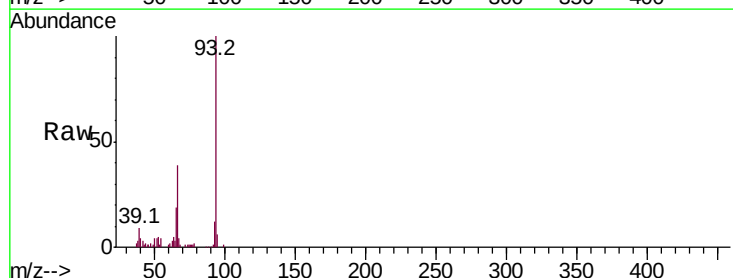
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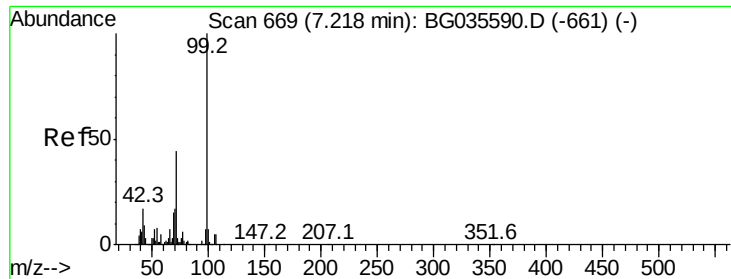
Delta R.T. 0.00 min

Lab File: BG036018.D

Acq: 1 Aug 2018 1:56

Tgt Ion:	93	Resp:	81576
Ion Ratio	Lower	Upper	
93	100		
66	39.1	33.7	50.5
65	18.9	16.1	24.1





#7

Phenol-d6

Concen: 117.731 ng

RT: 7.20 min Scan# 666

Delta R.T. 0.00 min

Lab File: BG036018.D

Acq: 1 Aug 2018 1:56

Instrument :

BNA_G

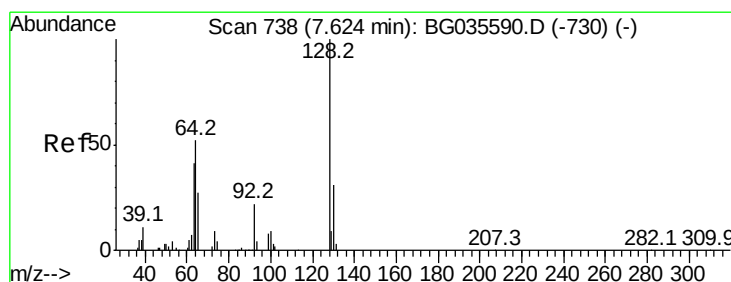
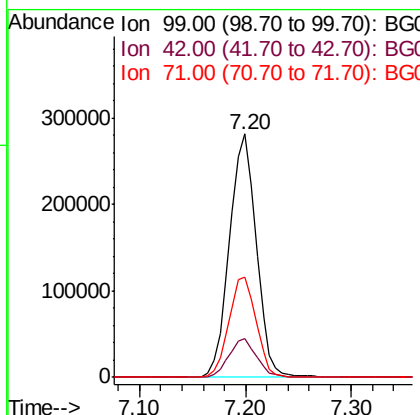
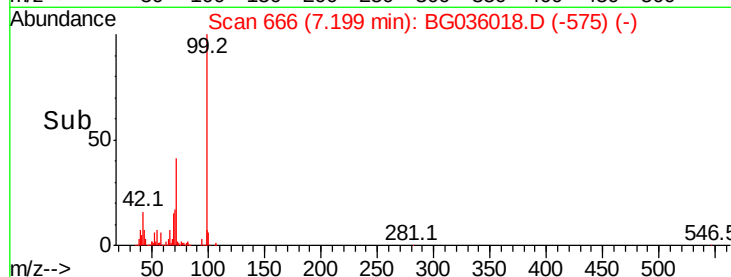
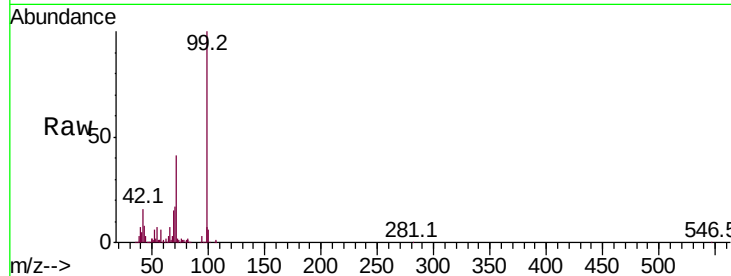
ClientSampleId :

SU-03-072718MSD

Tot Ion	Ratio	Resp	Lower	Upper
99	100	493800		
42	16.1		14.1	21.1
71	41.4		26.1	39.1#

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#8

2-Chlorophenol

Concen: 43.495 ng

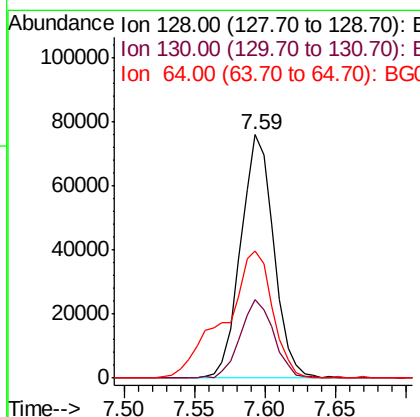
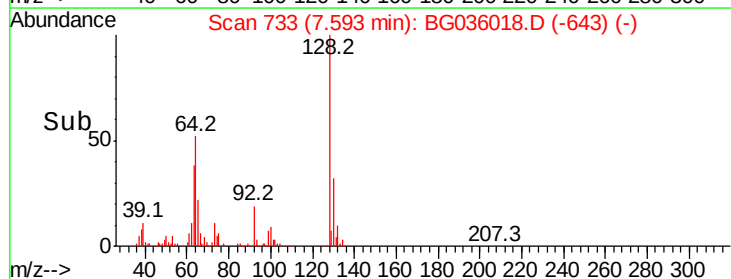
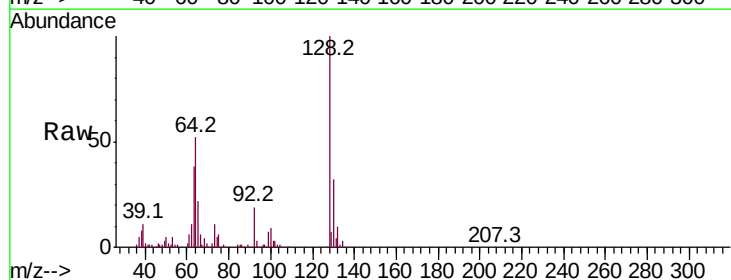
RT: 7.59 min Scan# 733

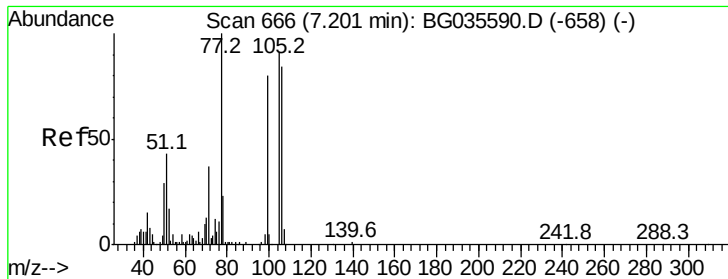
Delta R.T. -0.00 min

Lab File: BG036018.D

Acq: 1 Aug 2018 1:56

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	124360		
130	32.2		14.0	54.0
64	52.4		37.7	77.7





#9

Benzaldehyde

Concen: 27.220 ng

RT: 7.17 min Scan# 661

Delta R.T. 0.00 min

Lab File: BG036018.D

Acq: 1 Aug 2018 1:56

Instrument :

BNA_G

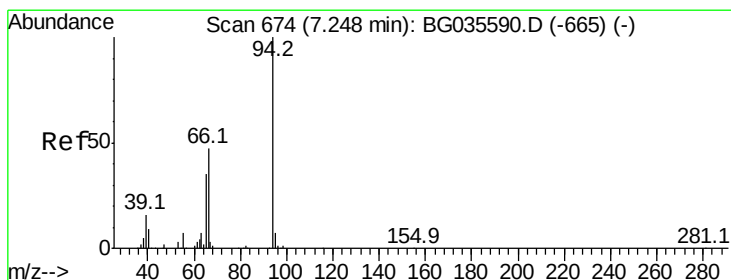
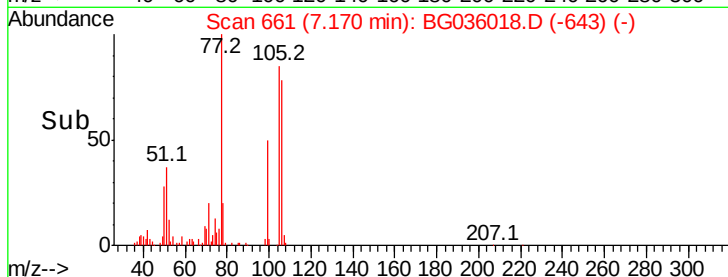
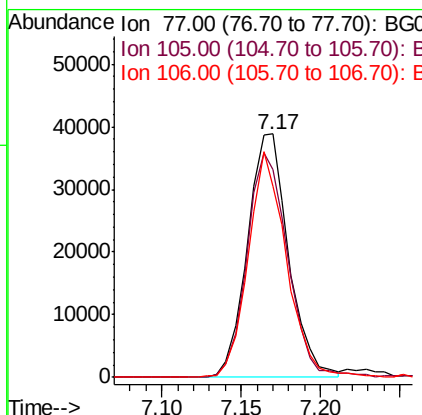
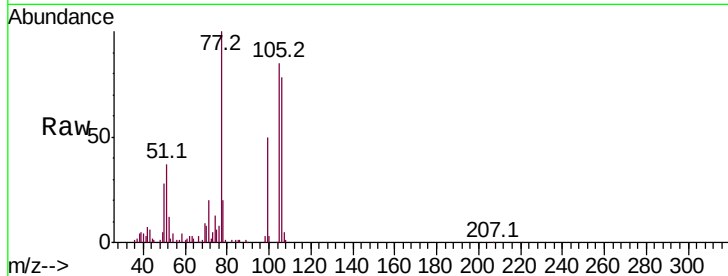
ClientSampleId :

SU-03-072718MSD

Tot Ion:	77	Resp:	70051
Ion Ratio	Lower	Upper	
77	100		
105	85.3	71.3	111.3
106	78.5	64.2	104.2

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#10

Phenol

Concen: 37.408 ng

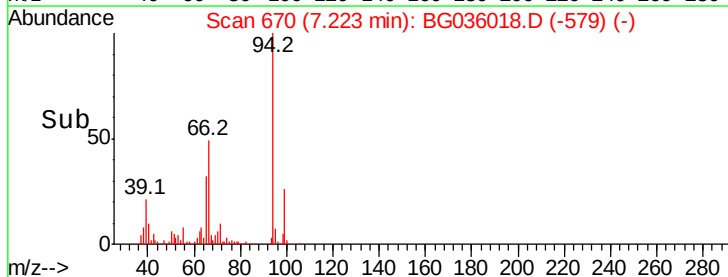
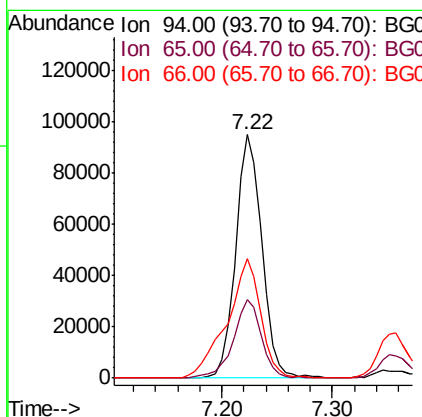
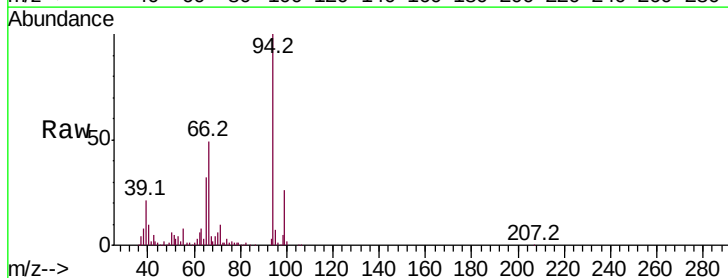
RT: 7.22 min Scan# 670

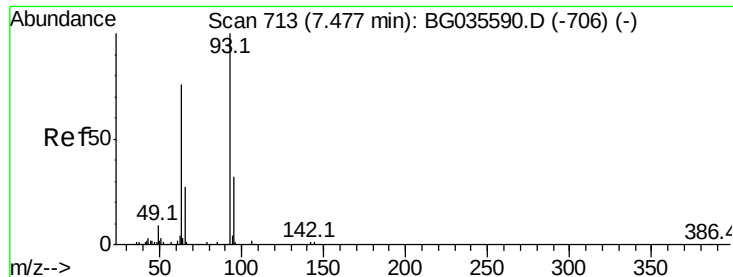
Delta R.T. 0.00 min

Lab File: BG036018.D

Acq: 1 Aug 2018 1:56

Tgt Ion:	94	Resp:	158519
Ion Ratio	Lower	Upper	
94	100		
65	32.4	11.9	51.9
66	48.9	22.2	62.2





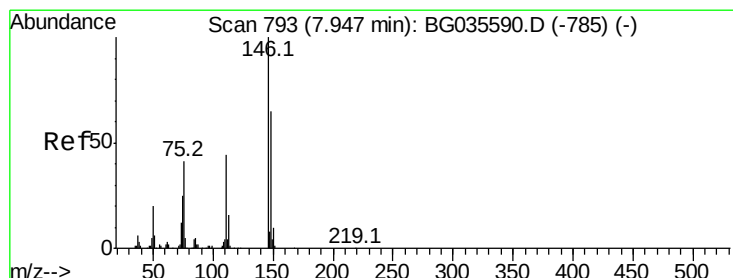
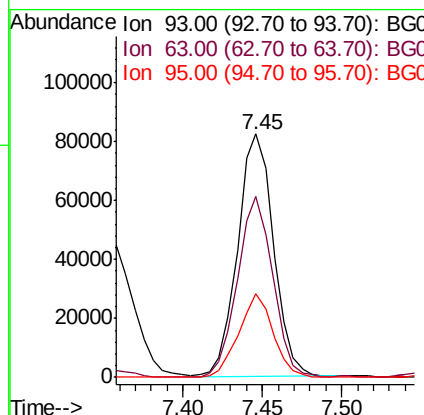
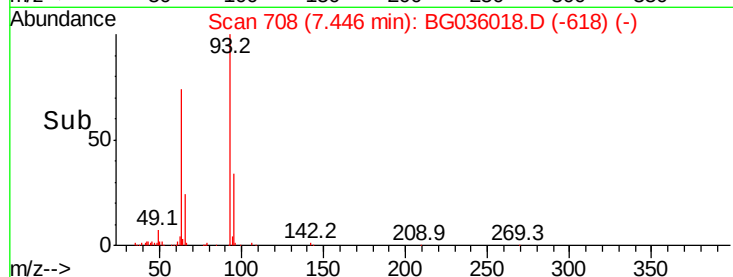
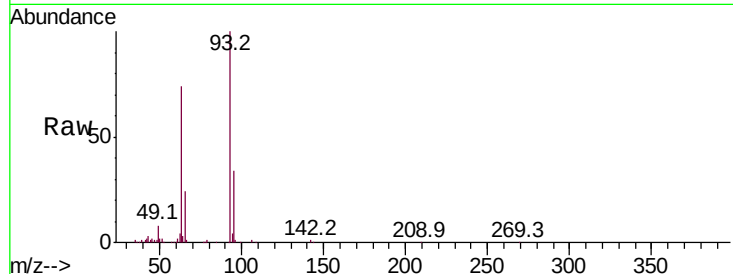
#11
bis(2-Chloroethyl)ether
Concen: 38.997 ng
RT: 7.45 min Scan# 708
Delta R.T. -0.00 min
Lab File: BG036018.D
Acq: 1 Aug 2018 1:56

Instrument :
BNA_G
ClientSampleId :
SU-03-072718MSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	129416		
63	74.0		67.1	107.1
95	34.4		11.5	51.5

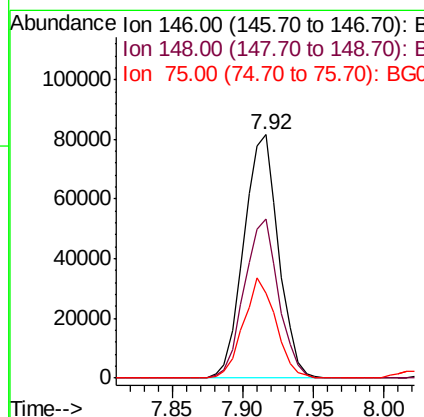
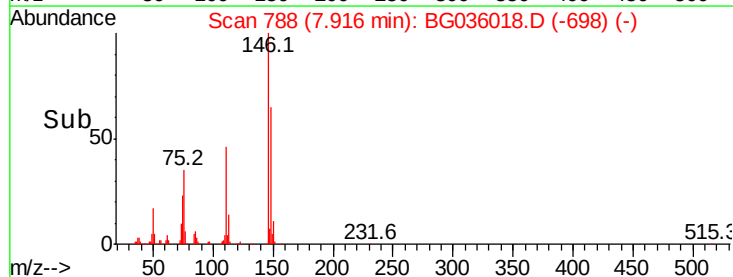
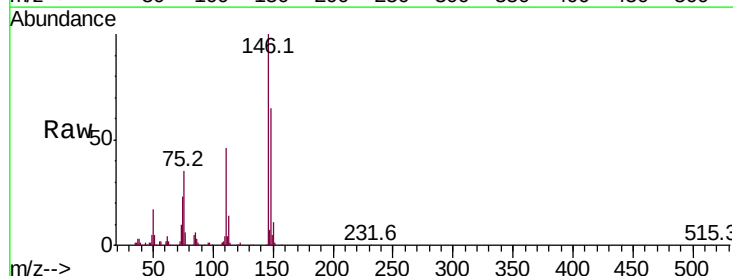
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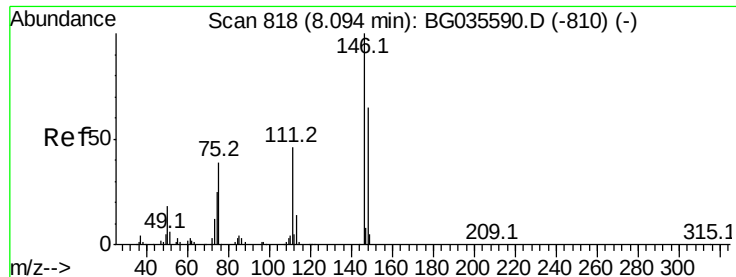
Sohil
8/1/2018 5:09:00 PM



#12
1,3-Dichlorobenzene
Concen: 40.602 ng
RT: 7.92 min Scan# 788
Delta R.T. -0.00 min
Lab File: BG036018.D
Acq: 1 Aug 2018 1:56

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	140189		
148	65.1		51.4	77.2
75	34.8		26.6	39.8





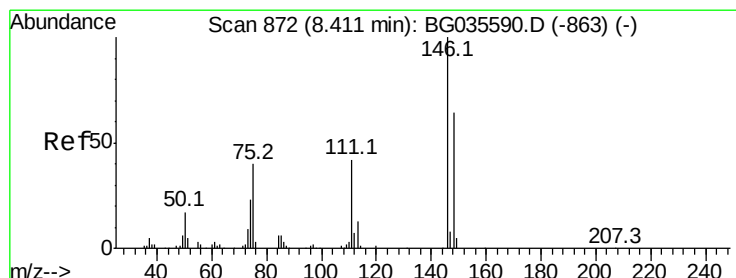
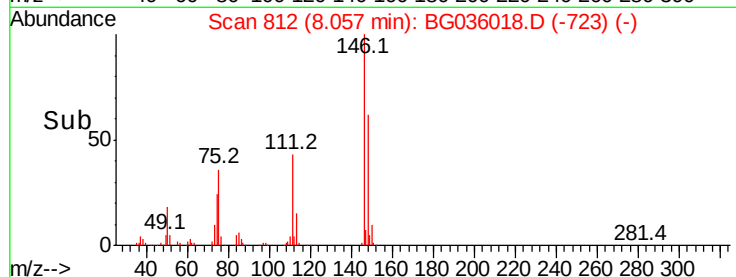
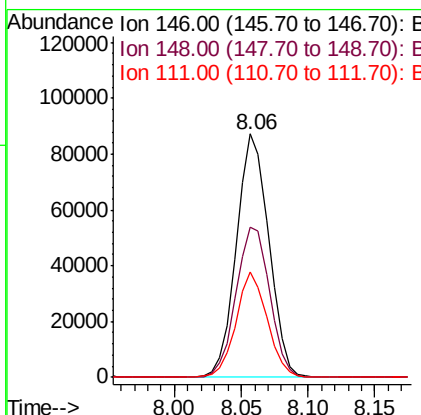
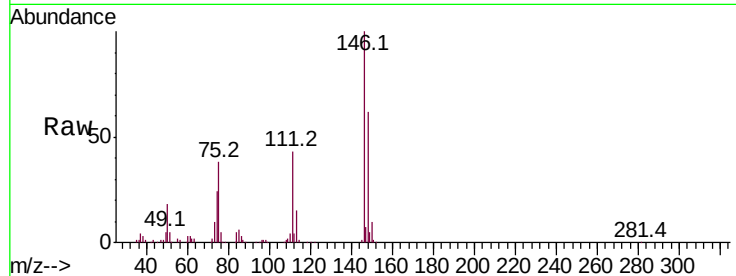
#13
 1,4-Dichlorobenzene
 Concen: 41.749 ng
 RT: 8.06 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BG036018.D
 Acq: 1 Aug 2018 1:56

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-072718MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	61.8	53.7	80.5
111	43.4	35.2	52.8

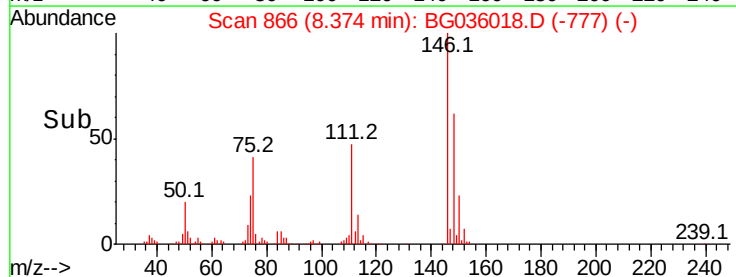
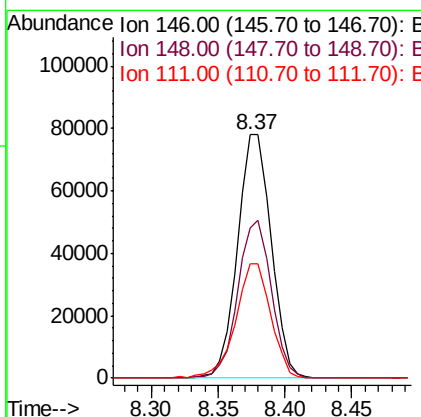
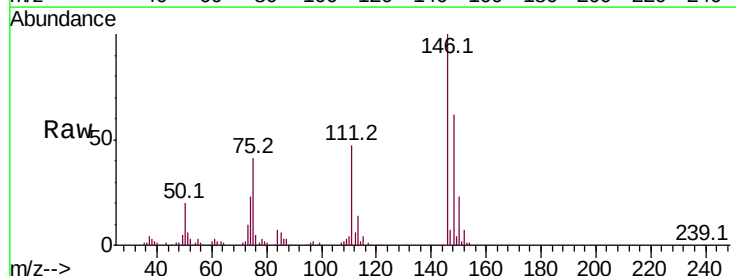
Manual Integrations
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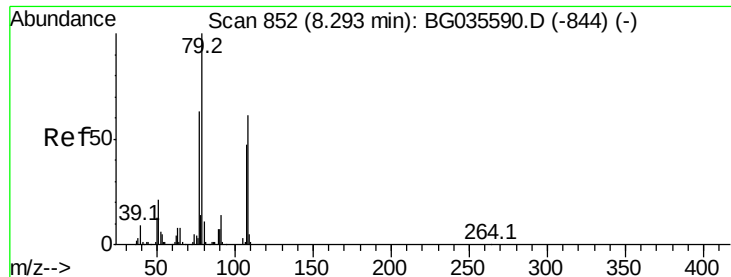
Sohil
 8/1/2018 5:09:00 PM



#14
 1,2-Dichlorobenzene
 Concen: 40.477 ng
 RT: 8.37 min Scan# 866
 Delta R.T. -0.01 min
 Lab File: BG036018.D
 Acq: 1 Aug 2018 1:56

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.8	49.3	73.9
111	47.0	34.3	51.5





#15

Benzyl Alcohol

Concen: 37.680 ng

RT: 8.27 min Scan# 848

Delta R.T. 0.00 min

Lab File: BG036018.D

Acq: 1 Aug 2018 1:56

Instrument :

BNA_G

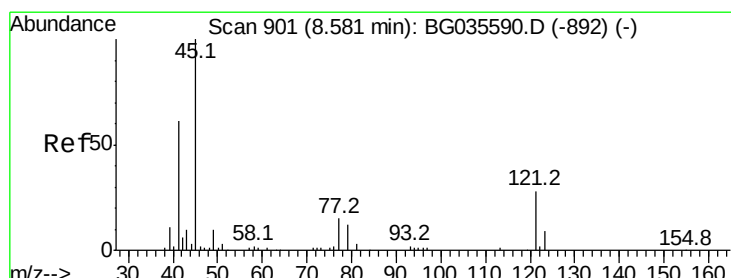
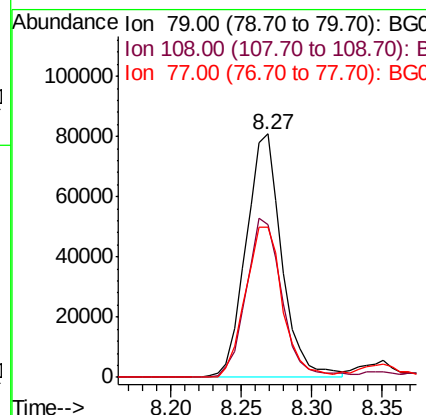
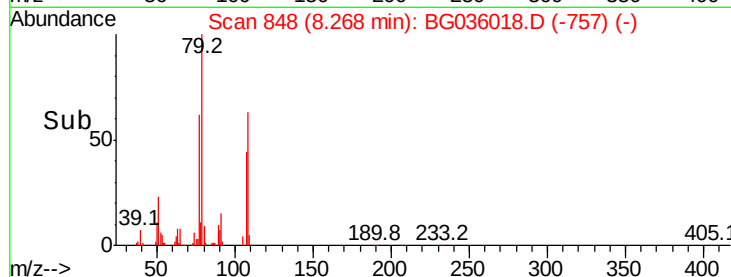
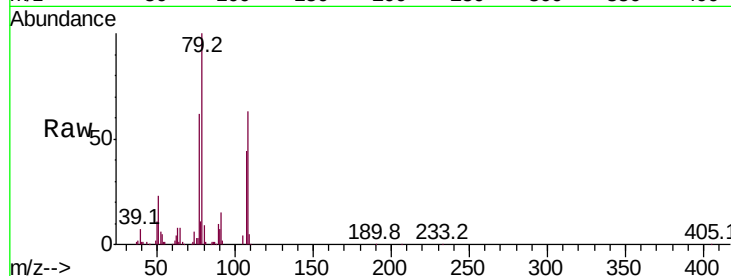
ClientSampleId :

SU-03-072718MSD

Tot Ion:	79	Resp:	143516
Ion Ratio	Lower	Upper	
79	100		
108	62.8	57.2	85.8
77	61.8	46.1	69.1

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 51.869 ng

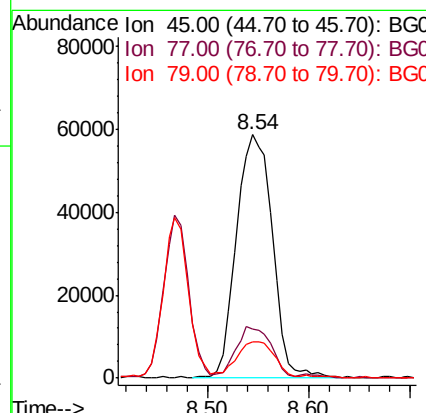
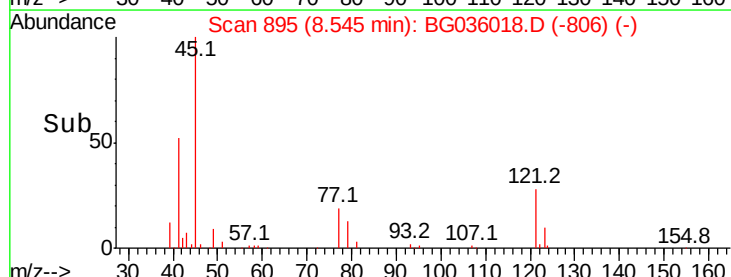
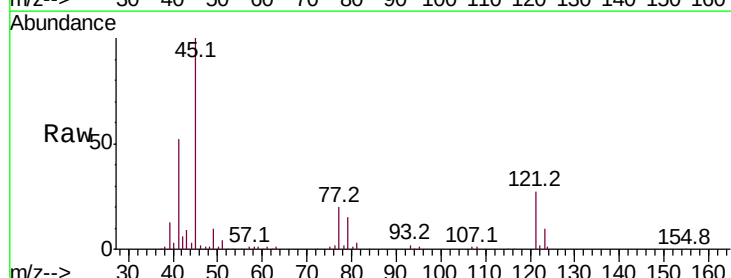
RT: 8.54 min Scan# 895

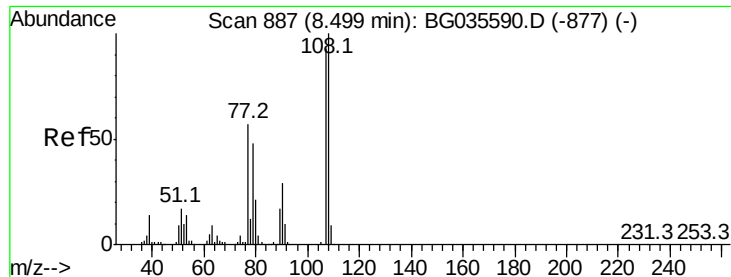
Delta R.T. -0.01 min

Lab File: BG036018.D

Acq: 1 Aug 2018 1:56

Tgt Ion:	45	Resp:	144310
Ion Ratio	Lower	Upper	
45	100		
77	20.2	0.0	30.2
79	14.9	0.0	27.9





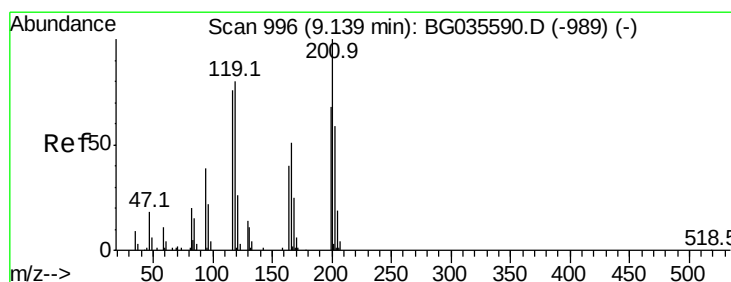
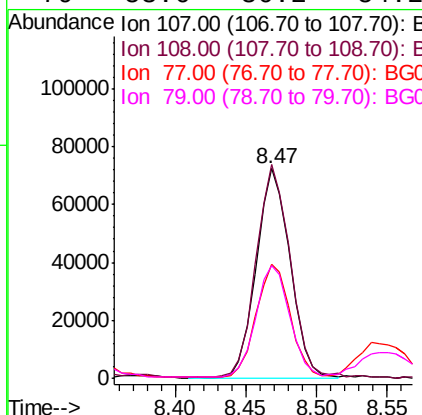
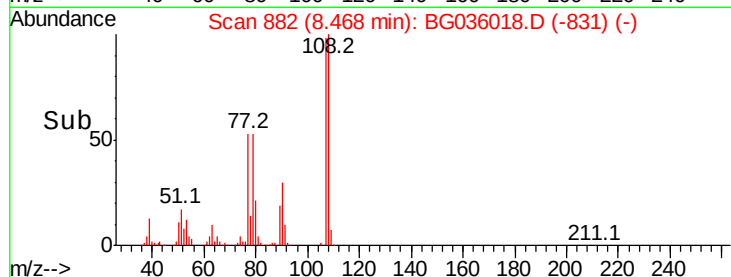
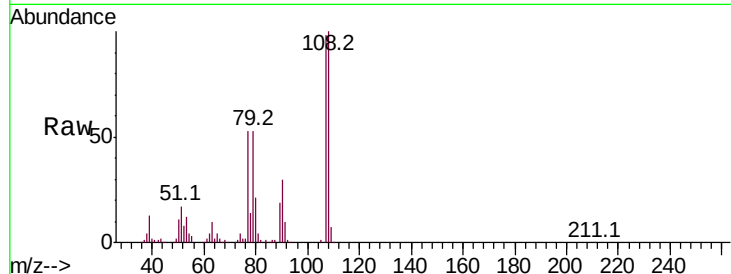
#17
2-Methylphenol
Concen: 42.440 ng
RT: 8.47 min Scan# 882
Delta R.T. -0.00 min
Lab File: BG036018.D
Acq: 1 Aug 2018 1:56

Instrument :
BNA_G
ClientSampleId :
SU-03-072718MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	102.0	83.9	125.9	
77	54.5	37.2	55.8	
79	53.6	36.2	54.2	

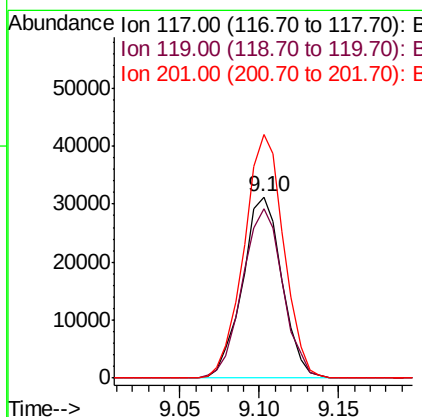
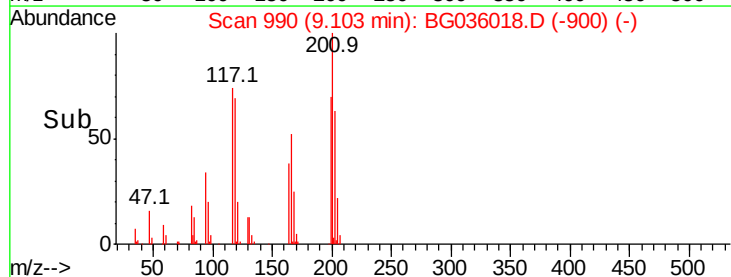
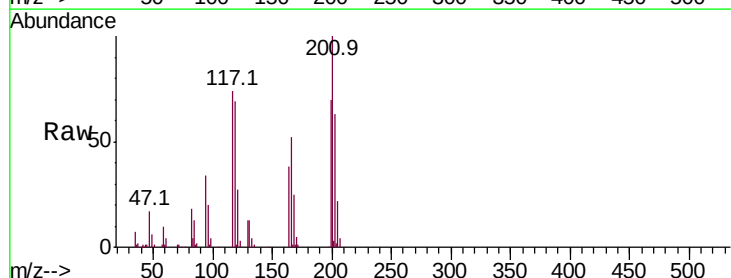
Manual Integrations
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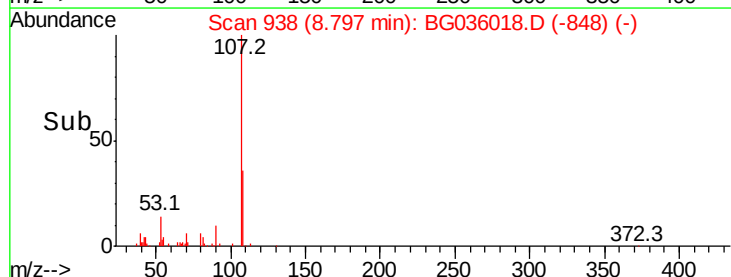
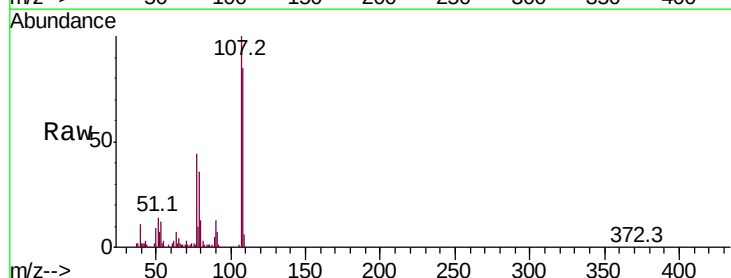
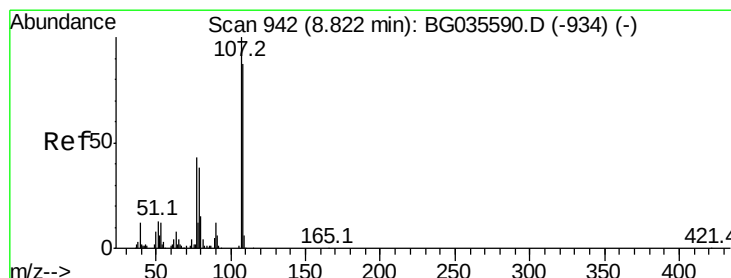
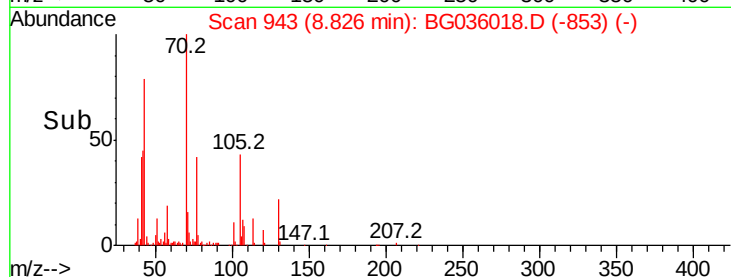
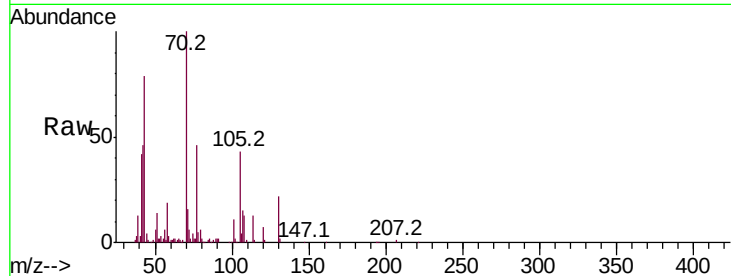
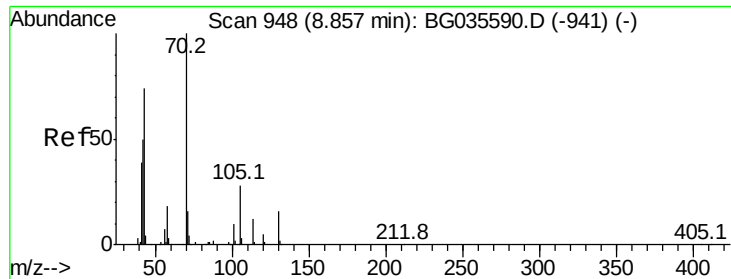
Sohil
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#18
Hexachloroethane
Concen: 40.206 ng
RT: 9.10 min Scan# 990
Delta R.T. -0.00 min
Lab File: BG036018.D
Acq: 1 Aug 2018 1:56

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.4	76.7	115.1	
201	134.5	95.7	143.5	





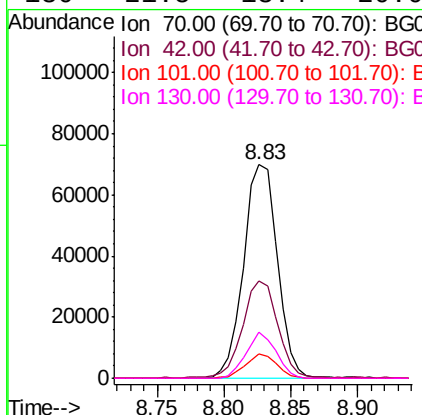
#19
n-Nitroso-di-n-propylamine
Concen: 34.510 ng
RT: 8.83 min Scan# 943
Delta R.T. -0.00 min
Lab File: BG036018.D
Acq: 1 Aug 2018 1:56

Instrument :
BNA_G
ClientSampleId :
SU-03-072718MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	45.6	49.1	73.7#	
101	11.1	8.5	12.7	
130	21.5	13.4	20.0#	

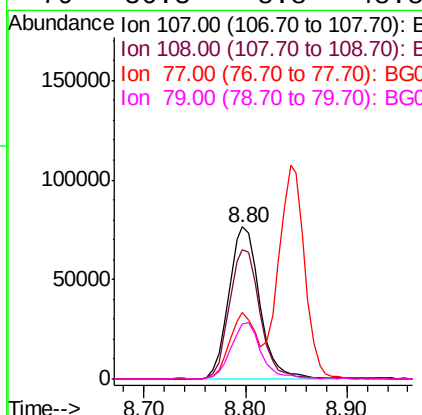
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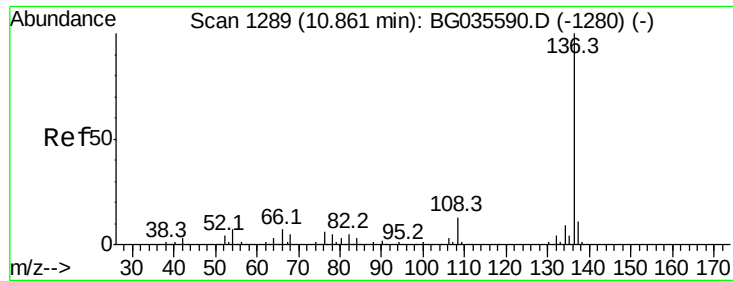
Sohil
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#20
3+4-Methylphenols
Concen: 40.381 ng
RT: 8.80 min Scan# 938
Delta R.T. -0.00 min
Lab File: BG036018.D
Acq: 1 Aug 2018 1:56

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	85.4	61.6	101.6	
77	44.0	13.9	53.9	
79	36.3	8.8	48.8	





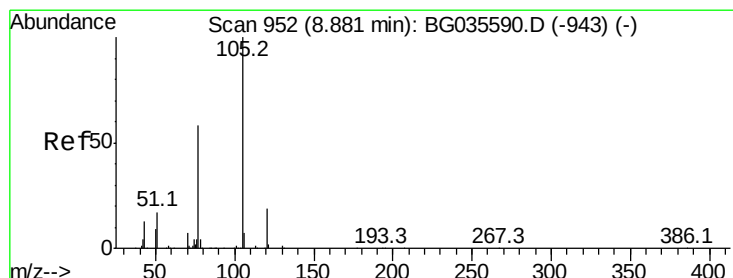
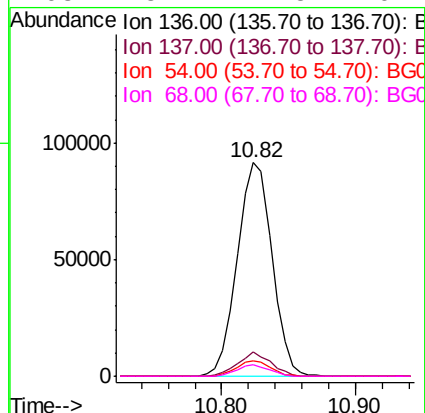
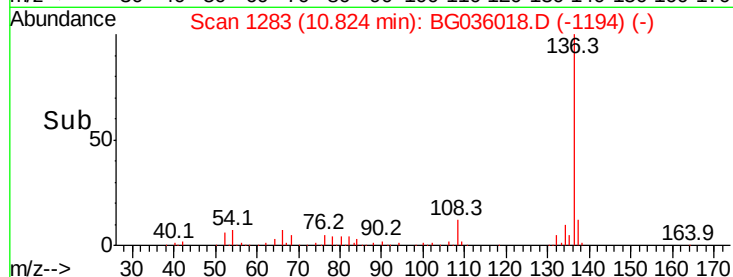
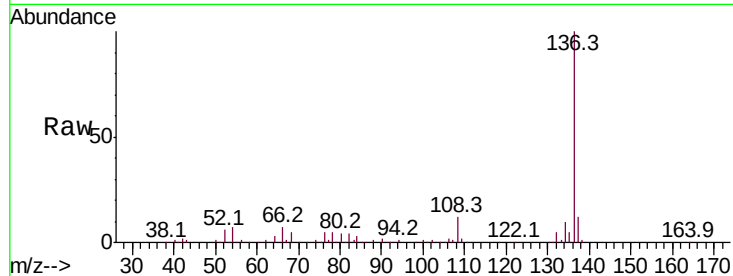
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BG036018.D
Acq: 1 Aug 2018 1:56

Instrument :
BNA_G
ClientSampleId :
SU-03-072718MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		165141		
137	11.6	9.2	13.8		
54	7.0	10.3	15.5		
68	5.4	4.5	6.7		

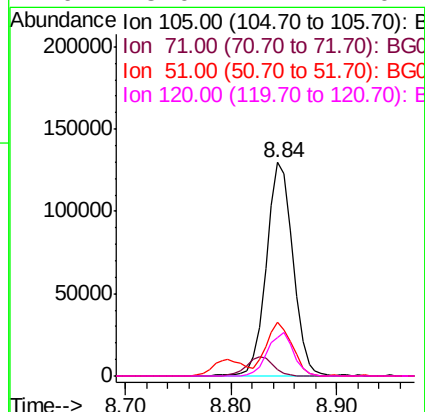
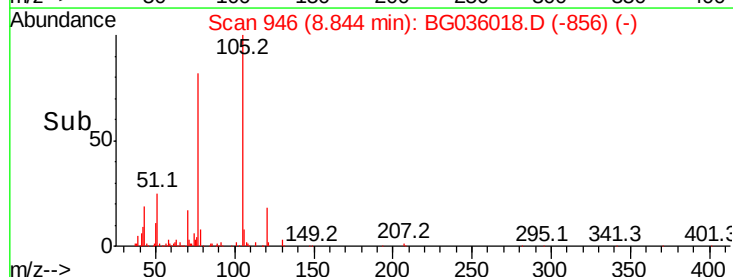
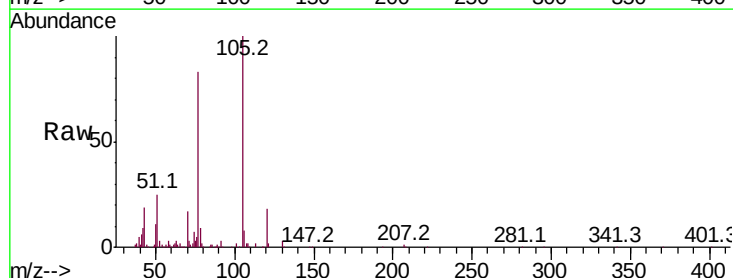
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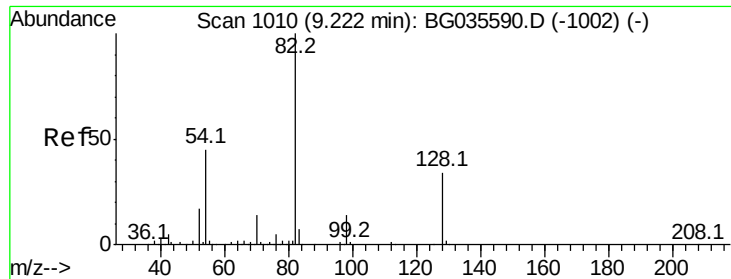
Sohil
8/1/2018 5:09:00 PM



#22
Acetophenone
Concen: 43.979 ng
RT: 8.84 min Scan# 946
Delta R.T. -0.00 min
Lab File: BG036018.D
Acq: 1 Aug 2018 1:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		225850		
71	2.7	3.0	4.4		
51	25.0	26.1	39.1		
120	18.0	17.4	26.2		





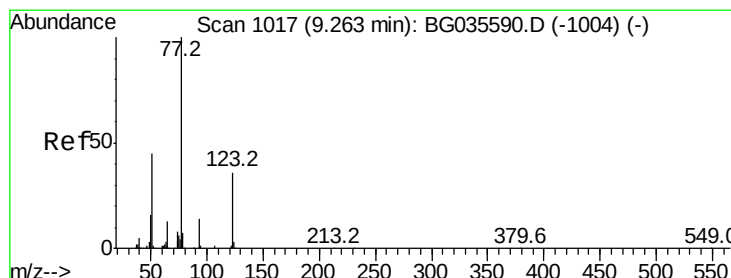
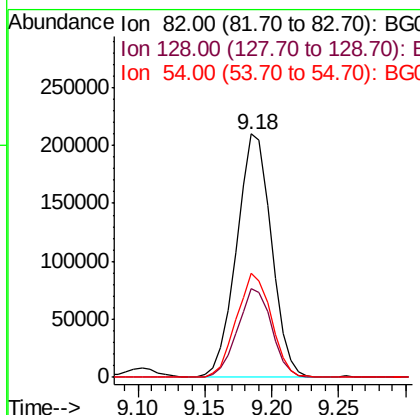
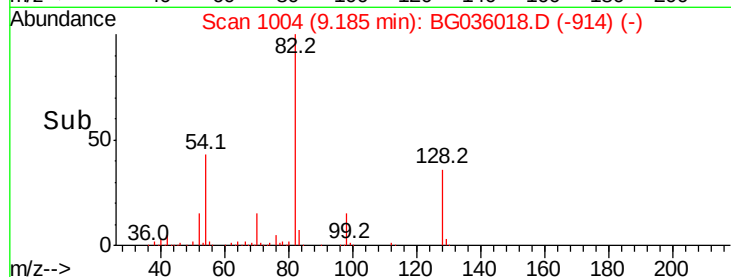
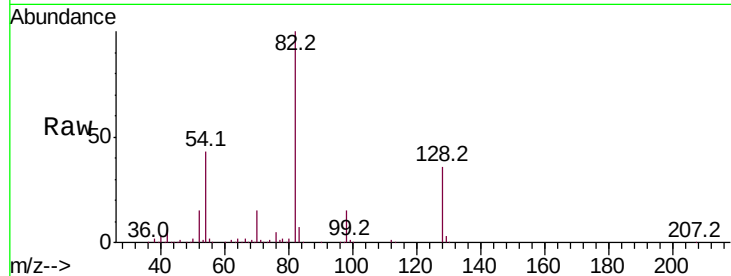
#23
 Nitrobenzene-d5
 Concen: 96.001 ng
 RT: 9.18 min Scan# 1004
 Delta R.T. -0.00 min
 Lab File: BG036018.D
 Acq: 1 Aug 2018 1:56

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-072718MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	36.4	29.7	44.5
54	43.0	43.1	64.7#

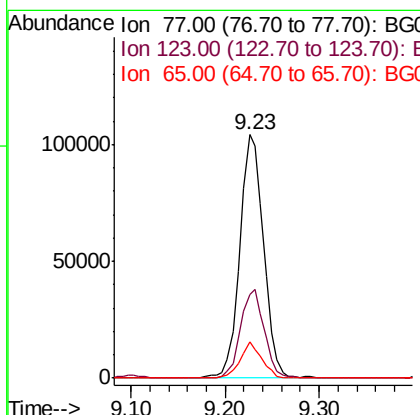
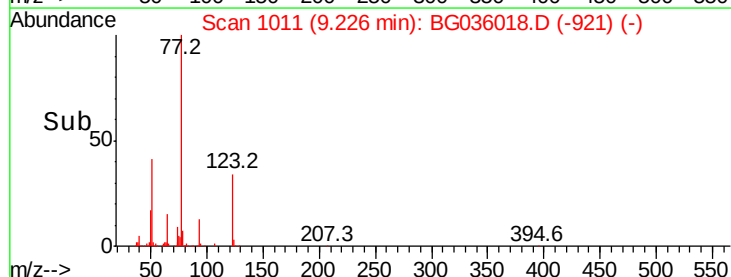
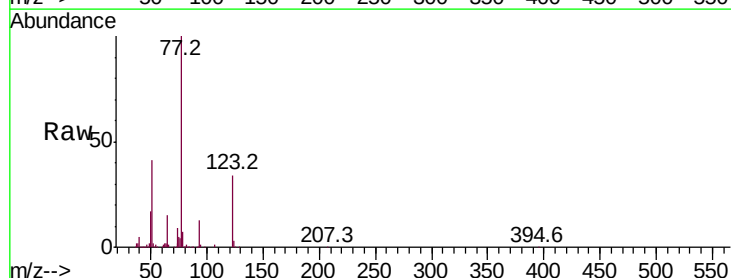
Manual Integrations
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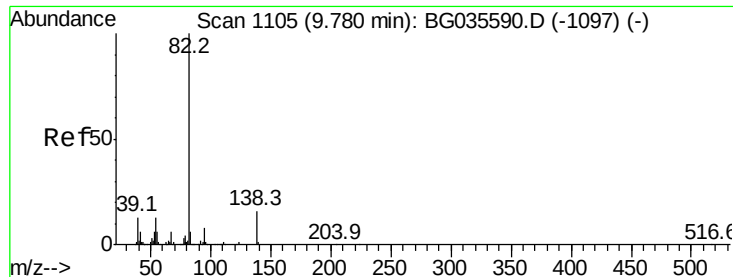
Sohil
 8/1/2018 5:09:00 PM



#24
 Nitrobenzene
 Concen: 45.395 ng
 RT: 9.23 min Scan# 1011
 Delta R.T. -0.00 min
 Lab File: BG036018.D
 Acq: 1 Aug 2018 1:56

Tgt Ion	Ratio	Lower	Upper
77	100		
123	34.2	33.0	49.6
65	14.8	13.0	19.6





#25

Isophorone

Concen: 47.792 ng

RT: 9.75 min Scan# 1100

Delta R.T. -0.00 min

Lab File: BG036018.D

Acq: 1 Aug 2018 1:56

Instrument :

BNA_G

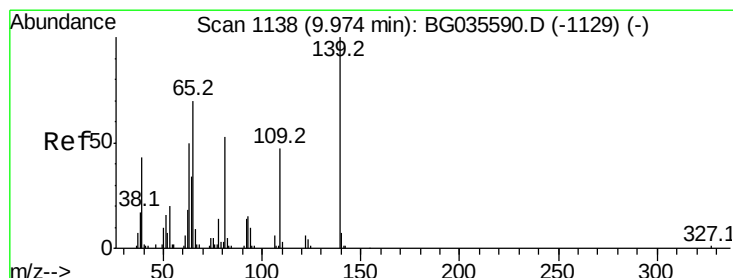
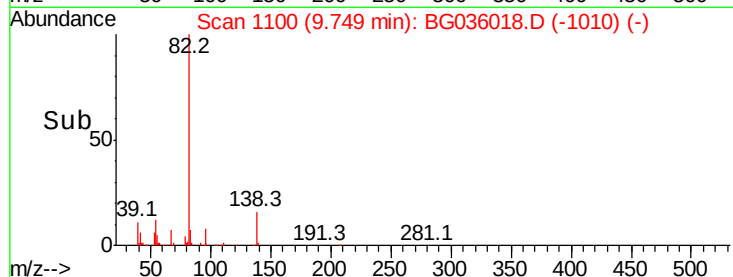
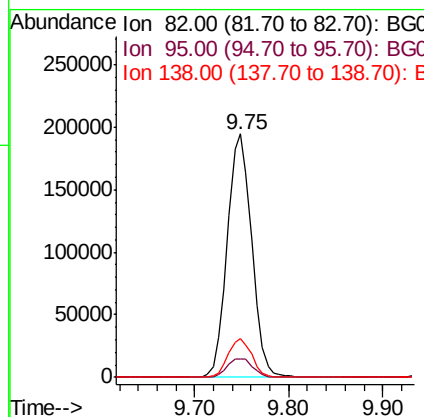
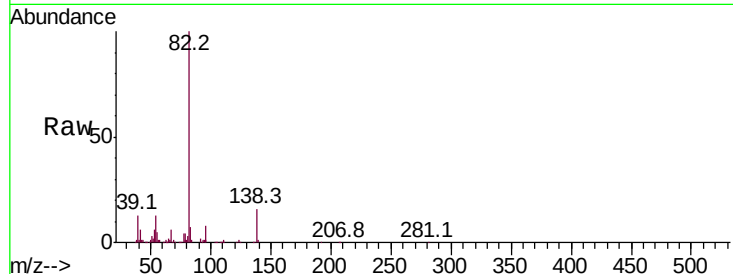
ClientSampleId :

SU-03-072718MSD

Tot Ion:	82	Resp:	350718
Ion Ratio		Lower	Upper
82	100		
95	7.7	6.2	9.2
138	15.9	12.1	18.1

Manual Integrations
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#26

2-Nitrophenol

Concen: 53.602 ng

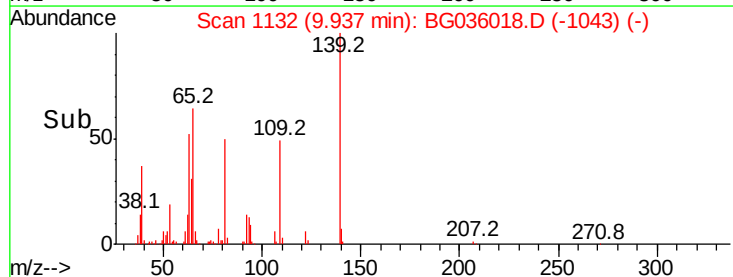
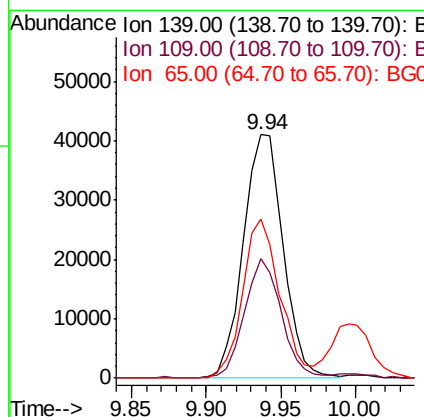
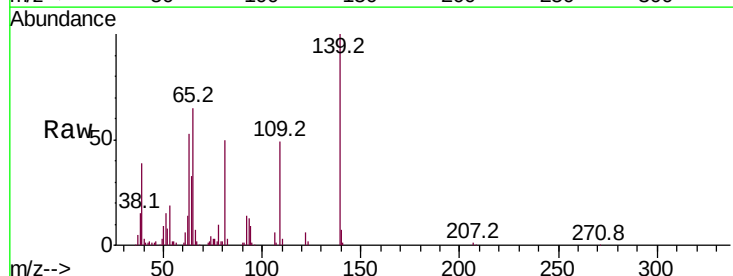
RT: 9.94 min Scan# 1132

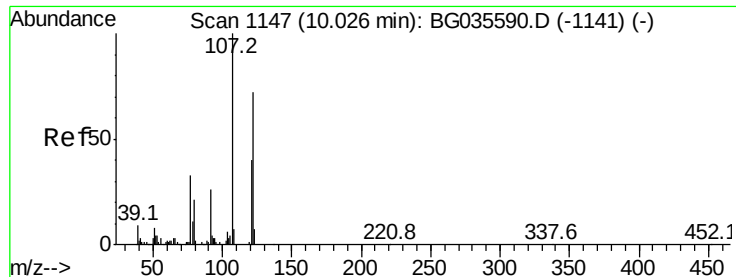
Delta R.T. -0.01 min

Lab File: BG036018.D

Acq: 1 Aug 2018 1:56

Tgt Ion:	139	Resp:	75684
Ion Ratio		Lower	Upper
139	100		
109	48.9	24.2	36.2#
65	65.2	47.4	71.0





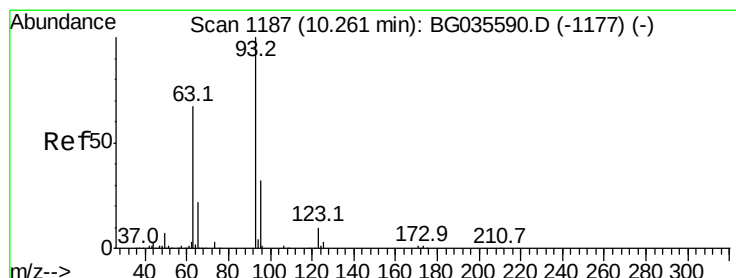
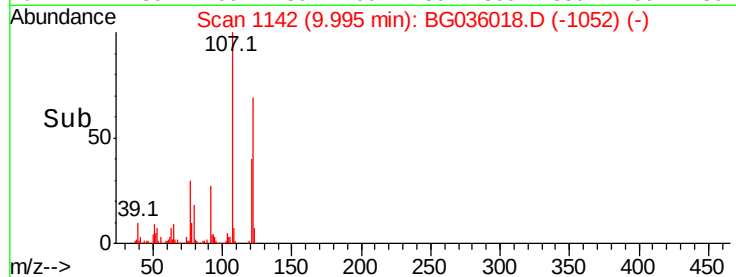
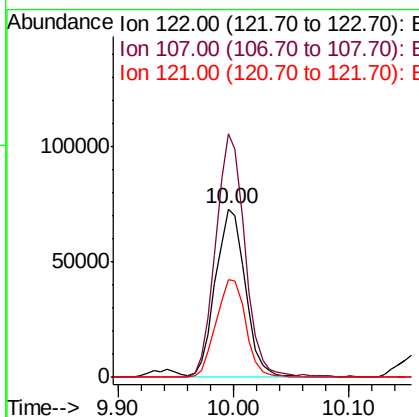
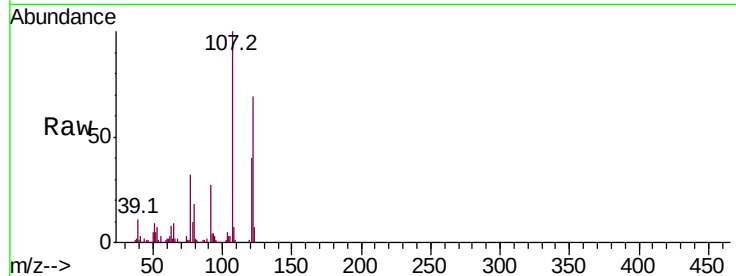
#27
2,4-Dimethylphenol
Concen: 54.486 ng
RT: 10.00 min Scan# 1142
Delta R.T. -0.00 min
Lab File: BG036018.D
Acq: 1 Aug 2018 1:56

Instrument :
BNA_G
ClientSampleId :
SU-03-072718MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	130224		
107	144.4	100.2	150.2	
121	58.1	44.4	66.6	

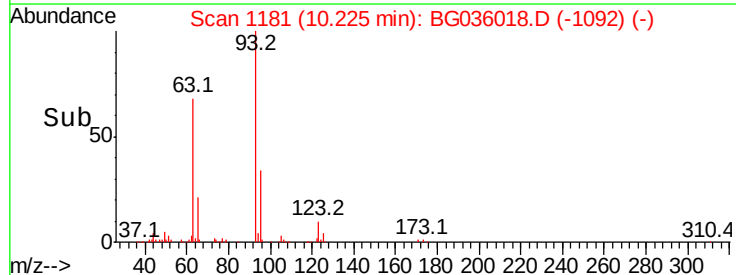
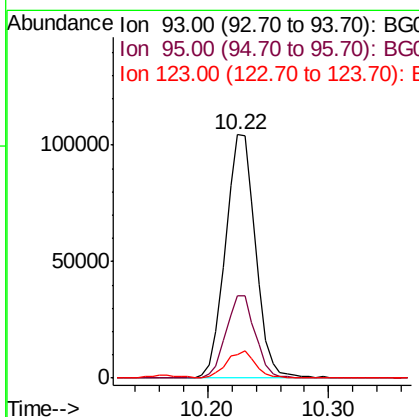
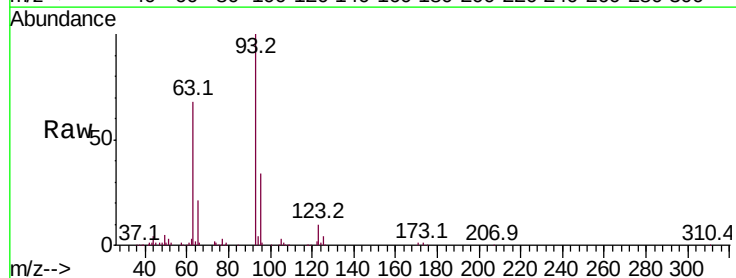
Manual Integrations
APPROVED

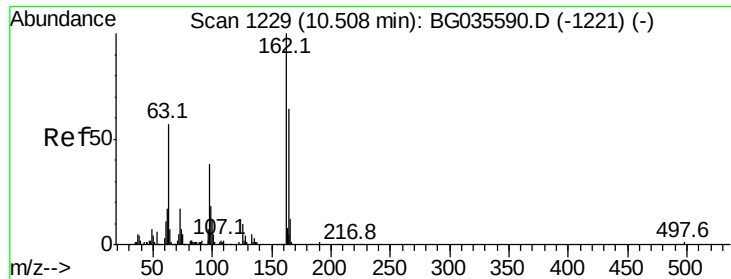
Sohil
8/1/2018 5:09:00 PM



#28
bis(2-Chloroethoxy)methane
Concen: 44.811 ng
RT: 10.22 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BG036018.D
Acq: 1 Aug 2018 1:56

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	181197		
95	33.7	24.3	36.5	
123	9.7	8.4	12.6	





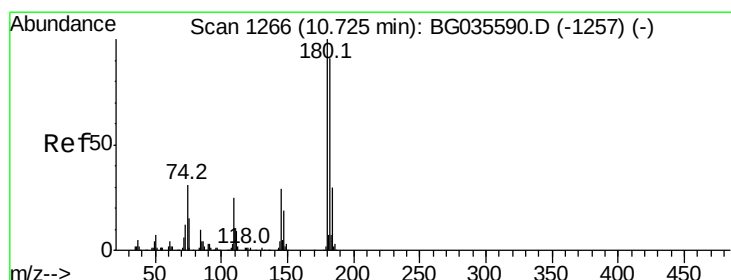
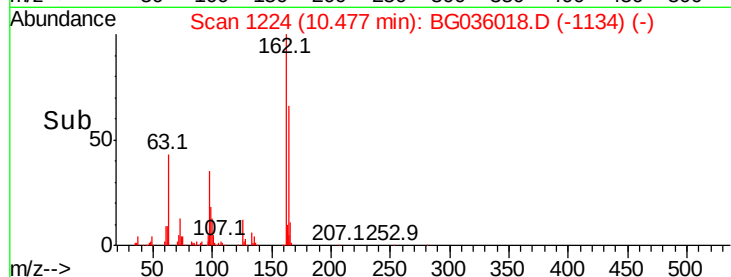
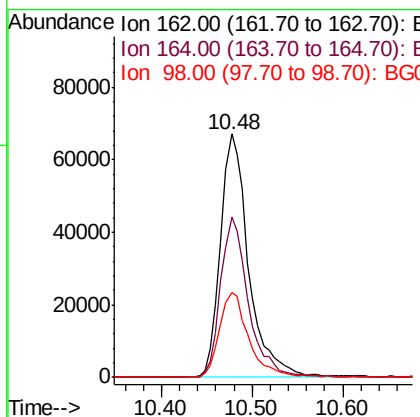
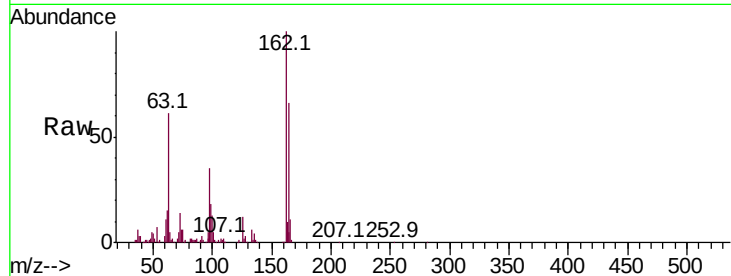
#29
2,4-Dichlorophenol
Concen: 53.168 ng
RT: 10.48 min Scan# 1224
Delta R.T. -0.00 min
Lab File: BG036018.D
Acq: 1 Aug 2018 1:56

Instrument :
BNA_G
ClientSampleId :
SU-03-072718MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	65.7	48.0	88.0	
98	34.9	21.1	61.1	

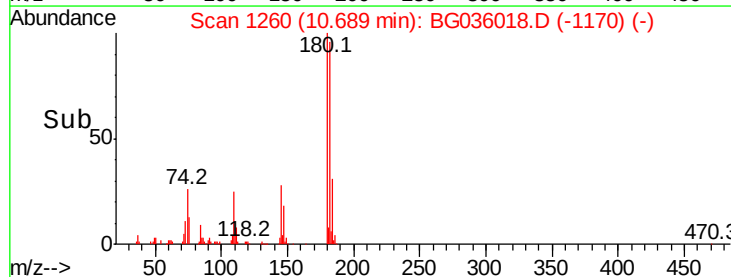
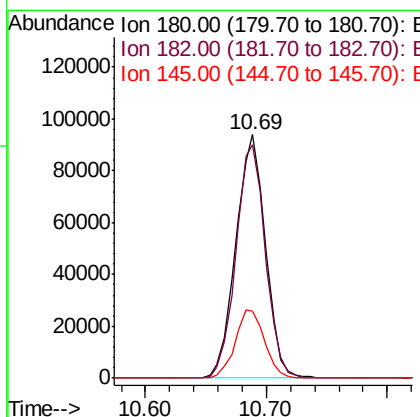
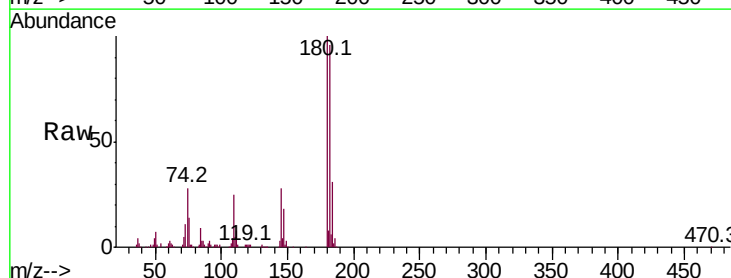
Manual Integrations
APPROVED

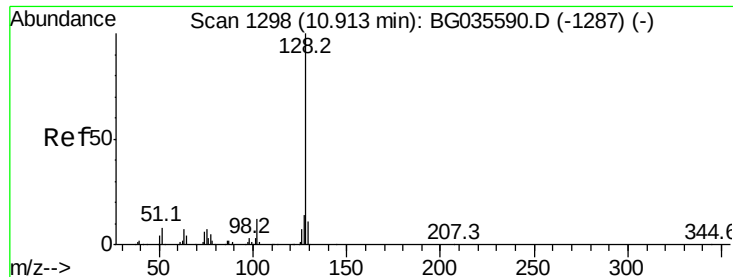
Sohil
8/1/2018 5:09:00 PM



#30
1,2,4-Trichlorobenzene
Concen: 47.897 ng
RT: 10.69 min Scan# 1260
Delta R.T. -0.00 min
Lab File: BG036018.D
Acq: 1 Aug 2018 1:56

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.9	77.5	116.3	
145	27.7	23.4	35.2	





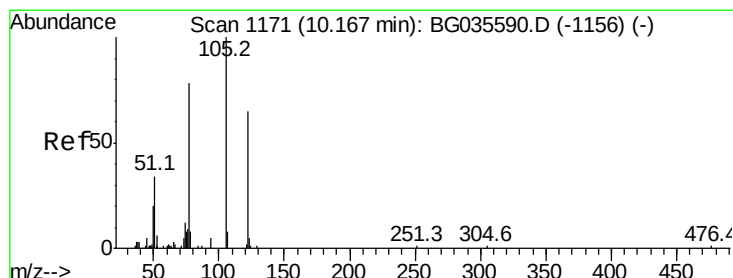
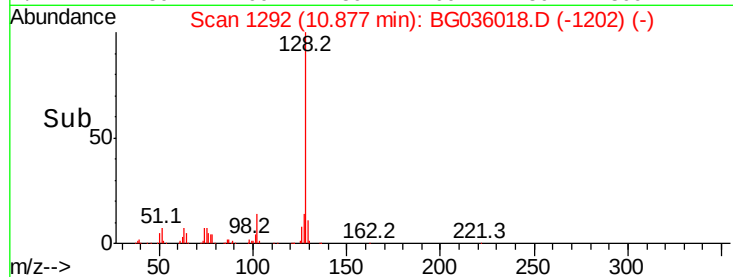
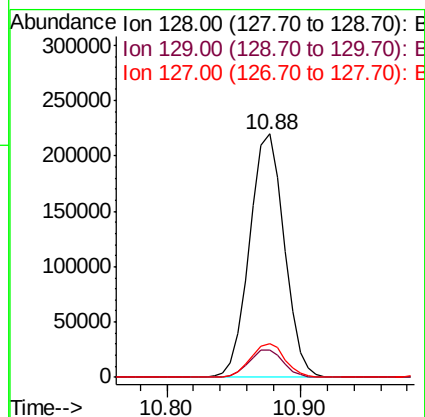
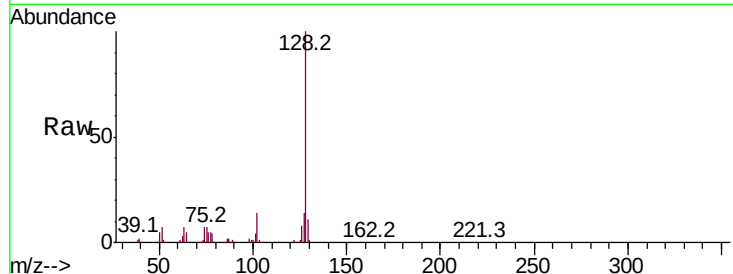
#31
Naphthalene
Concen: 45.868 ng
RT: 10.88 min Scan# 1292
Delta R.T. -0.00 min
Lab File: BG036018.D
Acq: 1 Aug 2018 1:56

Instrument :
BNA_G
ClientSampleId :
SU-03-072718MSD

Tot Ion:128	Resp:	394576
Ion Ratio	Lower	Upper
128 100		
129 11.3	8.6	12.8
127 14.0	11.6	17.4

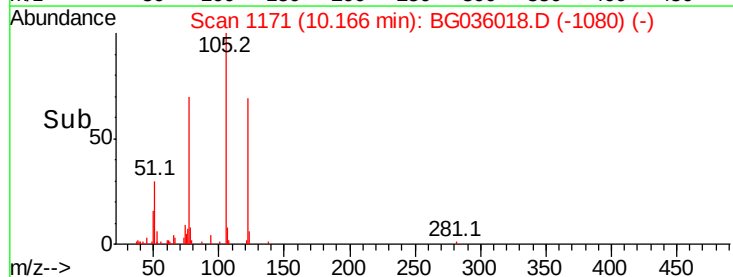
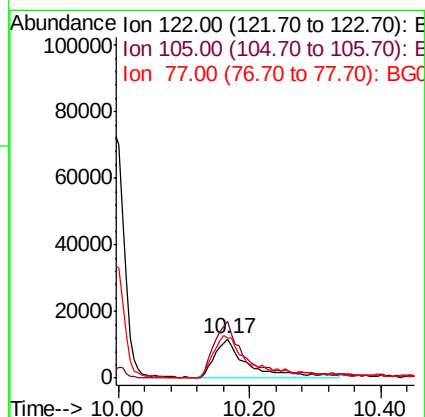
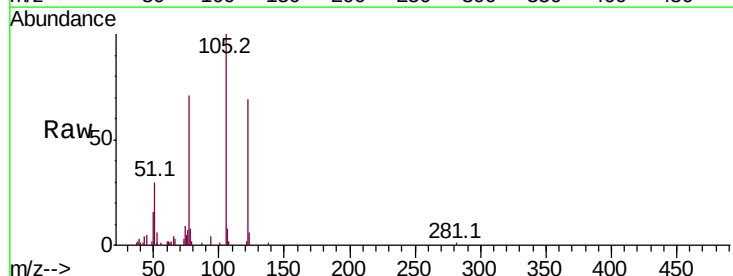
Manual Integrations
APPROVED

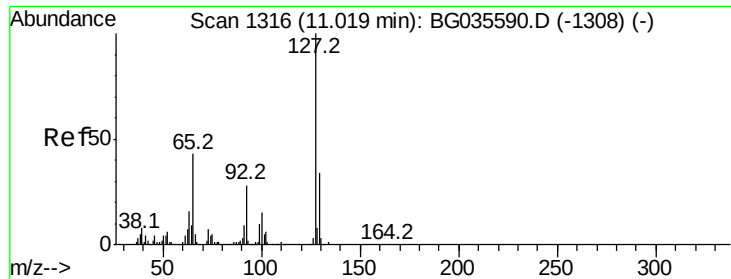
Sohil
8/1/2018 5:09:00 PM



#32
Benzoic acid
Concen: 26.471 ng m
RT: 10.17 min Scan# 1171
Delta R.T. 0.00 min
Lab File: BG036018.D
Acq: 1 Aug 2018 1:56

Tgt Ion:122	Resp:	42590
Ion Ratio	Lower	Upper
122 100		
105 145.2	123.5	163.5
77 103.7	85.7	125.7





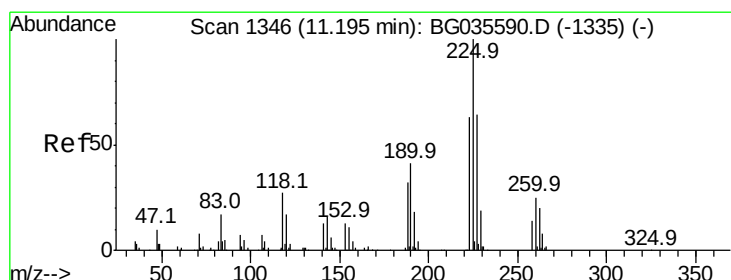
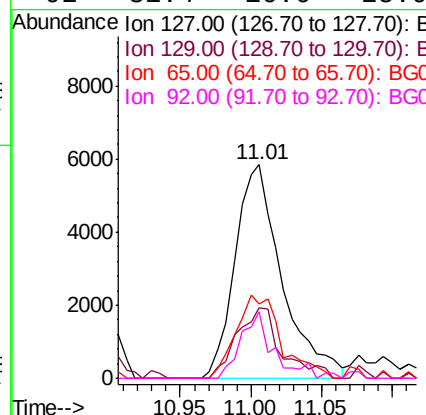
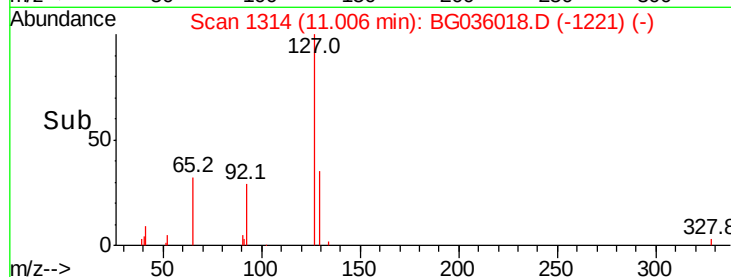
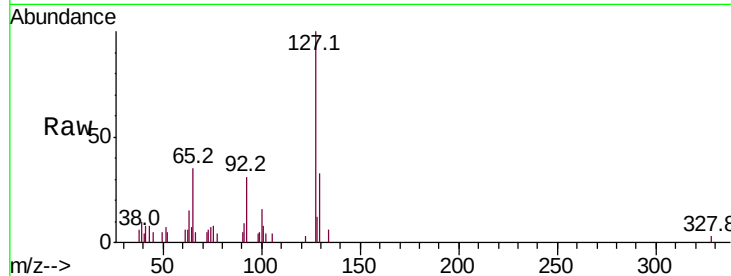
#33
4-Chloroaniline
Concen: 3.612 ng
RT: 11.01 min Scan# 1314
Delta R.T. 0.02 min
Lab File: BG036018.D
Acq: 1 Aug 2018 1:56

Instrument :
BNA_G
ClientSampleId :
SU-03-072718MSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.9	24.0	36.0	
65	34.6	27.0	40.4	
92	31.4	16.6	25.0	

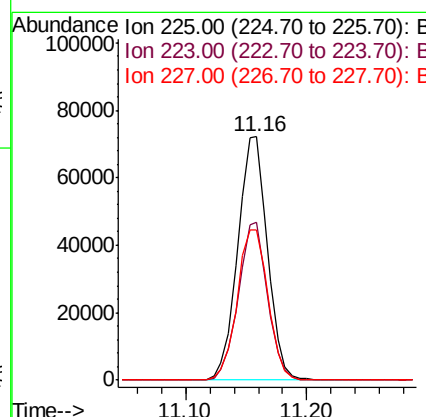
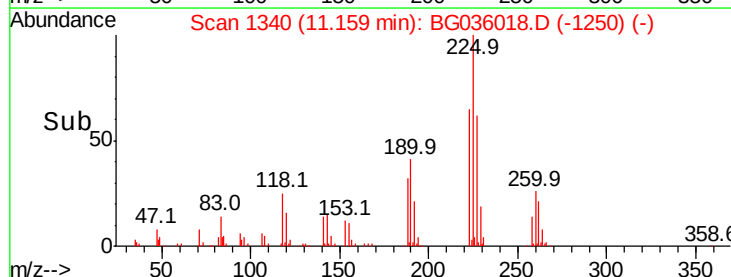
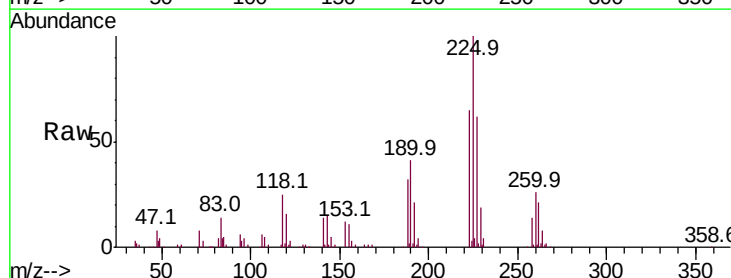
Manual Integrations
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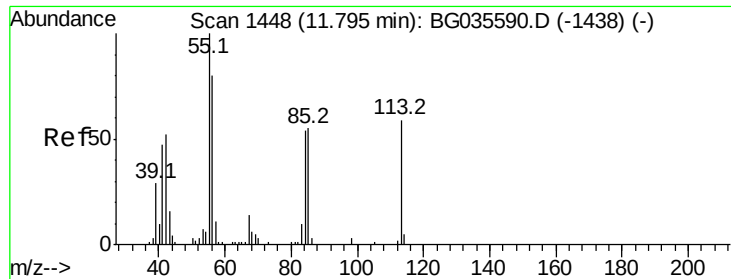
Sohil
8/1/2018 5:09:00 PM



#34
Hexachlorobutadiene
Concen: 47.434 ng
RT: 11.16 min Scan# 1340
Delta R.T. -0.00 min
Lab File: BG036018.D
Acq: 1 Aug 2018 1:56

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	65.0	49.7	74.5	
227	61.8	48.1	72.1	





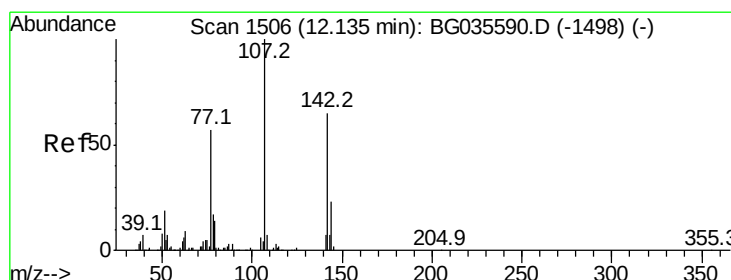
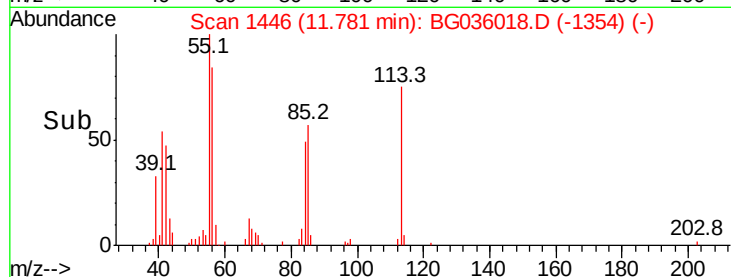
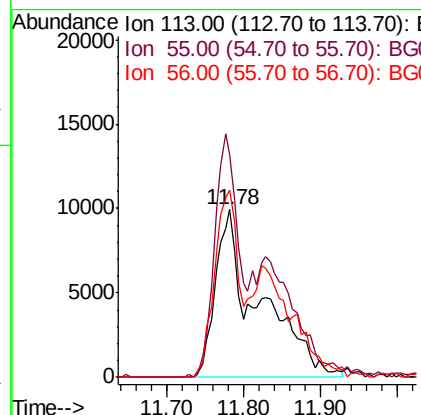
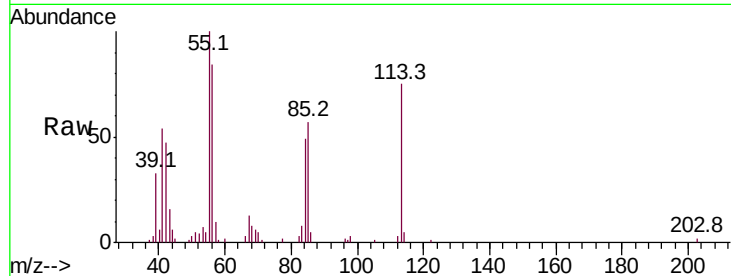
#35
Caprolactam
Concen: 33.422 ng/ml
RT: 11.78 min Scan# 1446
Delta R.T. 0.01 min
Lab File: BG036018.D
Acq: 1 Aug 2018 1:56

Instrument :
BNA_G
ClientSampleId :
SU-03-072718MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	133.1	186.9	226.9#
56	111.9	130.9	170.9#

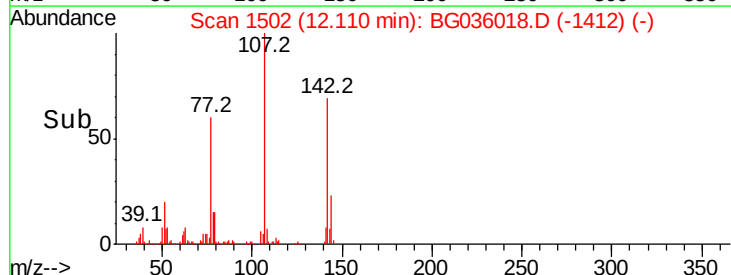
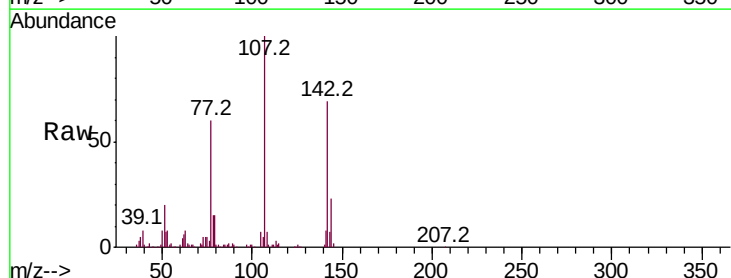
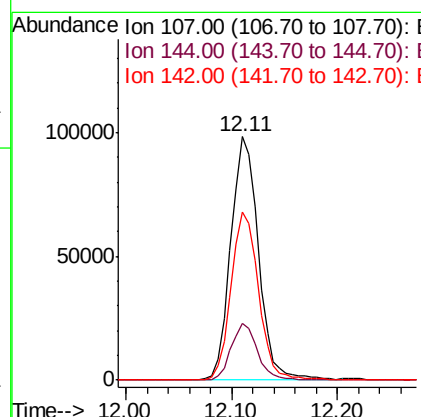
Manual Integrations
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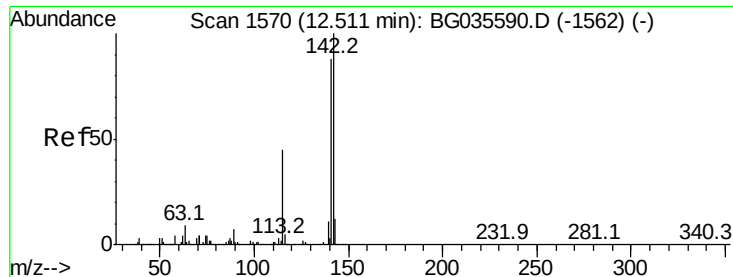
Sohil
8/1/2018 5:09:00 PM



#36
4-Chloro-3-methylphenol
Concen: 48.688 ng/ml
RT: 12.11 min Scan# 1502
Delta R.T. -0.00 min
Lab File: BG036018.D
Acq: 1 Aug 2018 1:56

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.2	18.2	27.4
142	68.9	59.0	88.4





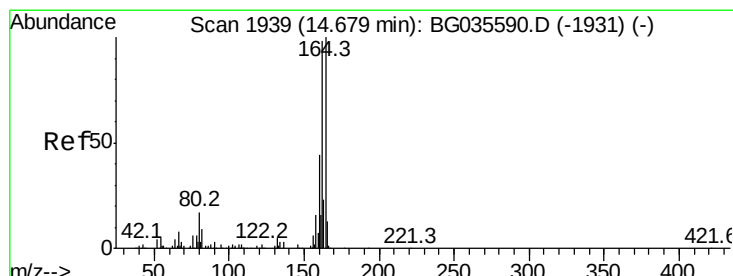
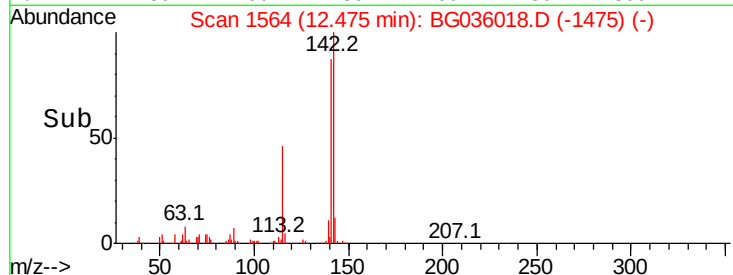
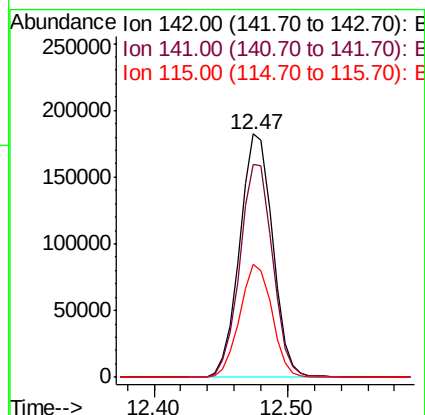
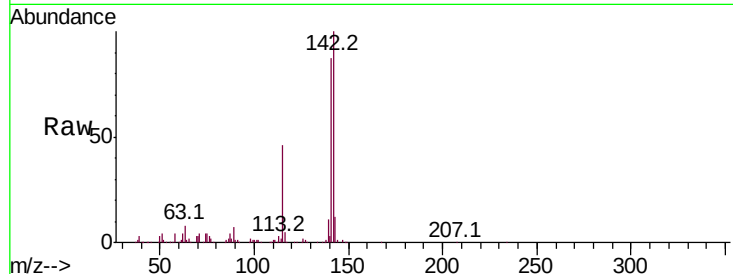
#37
2-Methylnaphthalene
Concen: 48.464 ng
RT: 12.47 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BG036018.D
Acq: 1 Aug 2018 1:56

Instrument :
BNA_G
ClientSampleId :
SU-03-072718MSD

Tot Ion	Ratio	Resp Lower	Upper
142	100		
141	87.3	67.1	100.7
115	46.4	30.7	46.1#

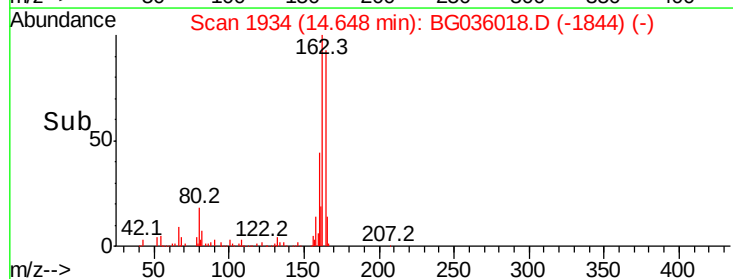
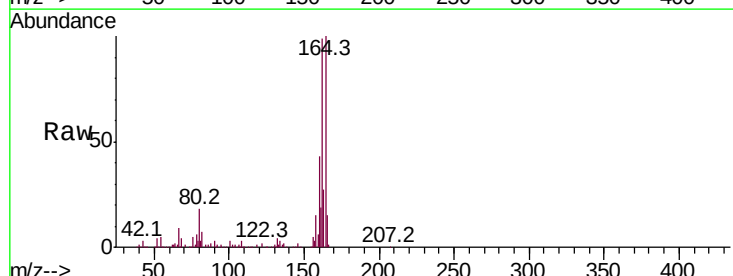
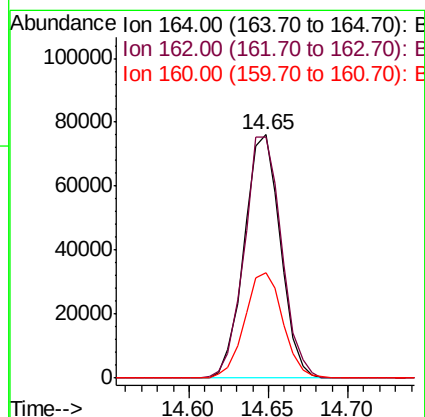
Manual Integrations
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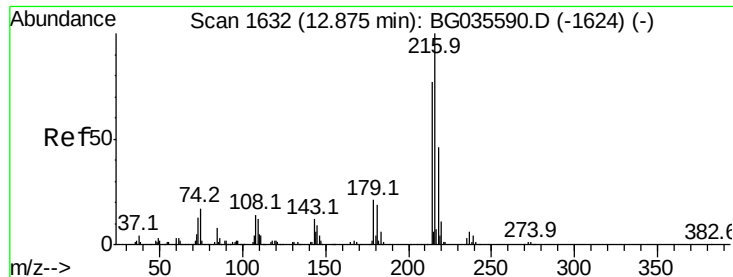
Sohil
8/1/2018 5:09:00 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1934
Delta R.T. -0.00 min
Lab File: BG036018.D
Acq: 1 Aug 2018 1:56

Tgt Ion	Ratio	Resp Lower	Upper
164	100		
162	99.1	78.8	118.2
160	43.5	35.4	53.0





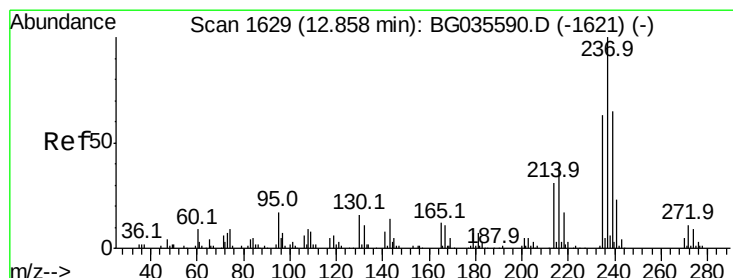
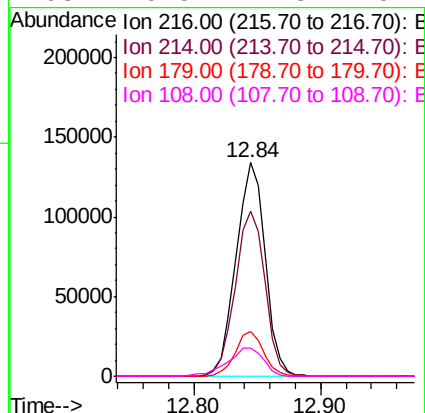
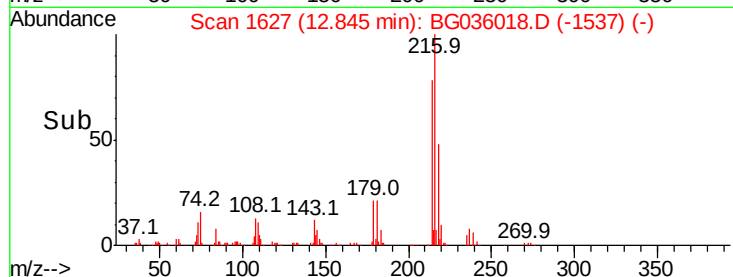
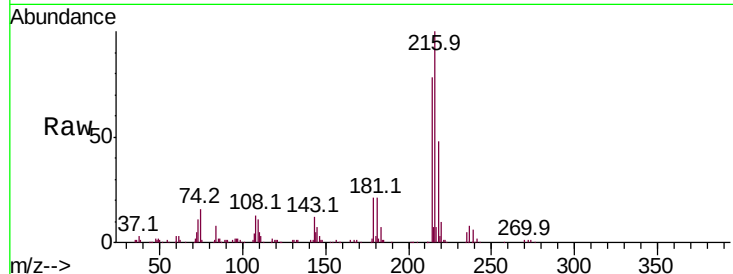
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 46.788 ng
 RT: 12.84 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: BG036018.D
 Acq: 1 Aug 2018 1:56

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-072718MSD

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	78.7	63.0	94.4
179	20.3	17.0	25.6
108	16.5	12.8	19.2

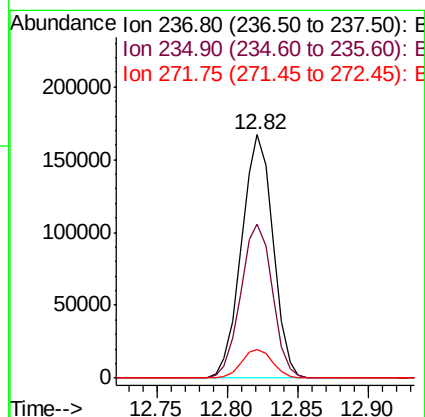
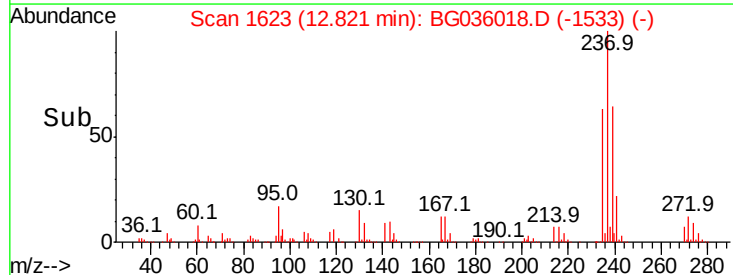
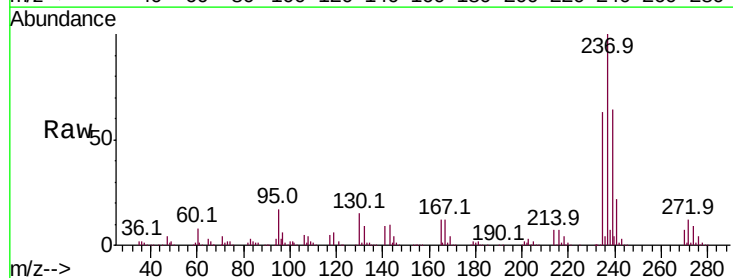
Manual Integrations
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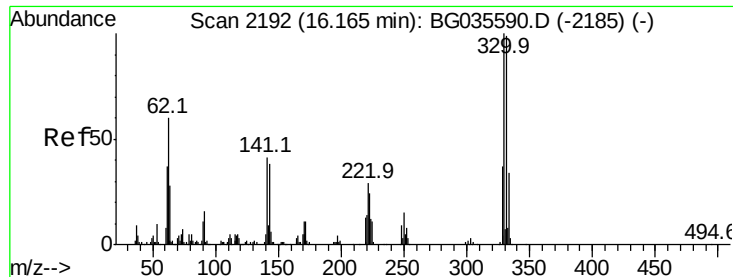
Sohil
 8/1/2018 5:09:00 PM



#40
 Hexachlorocyclopentadiene
 Concen: 109.589 ng
 RT: 12.82 min Scan# 1623
 Delta R.T. -0.00 min
 Lab File: BG036018.D
 Acq: 1 Aug 2018 1:56

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	63.2	50.4	90.4
272	11.9	0.0	31.8





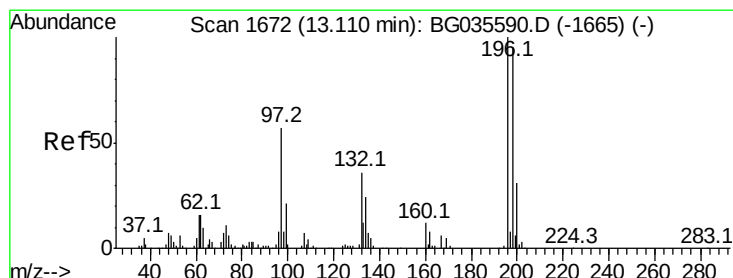
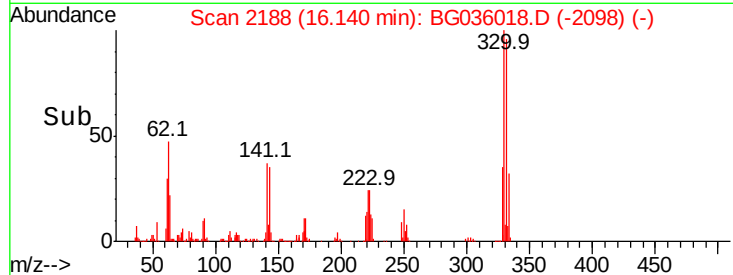
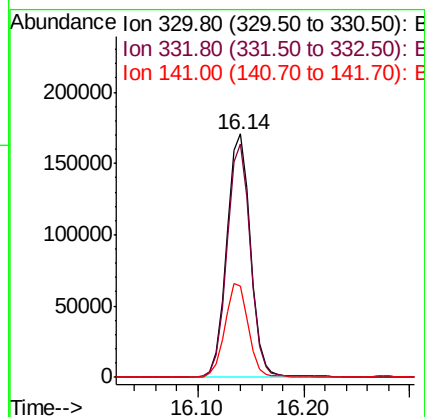
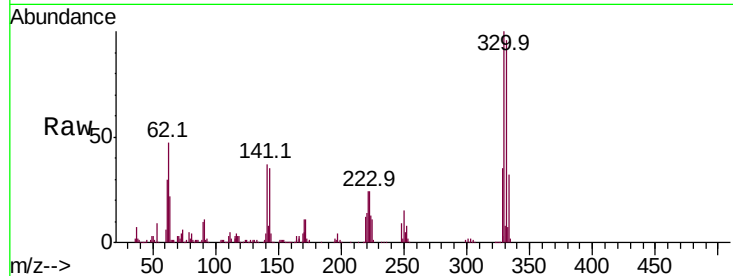
#41
 2,4,6-Tribromophenol
 Concen: 166.731 ng
 RT: 16.14 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: BG036018.D
 Acq: 1 Aug 2018 1:56

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-072718MSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	264604		
332	95.0	77.0	115.6	
141	38.4	25.2	37.8#	

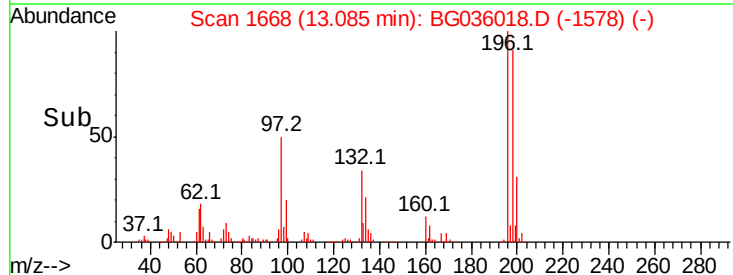
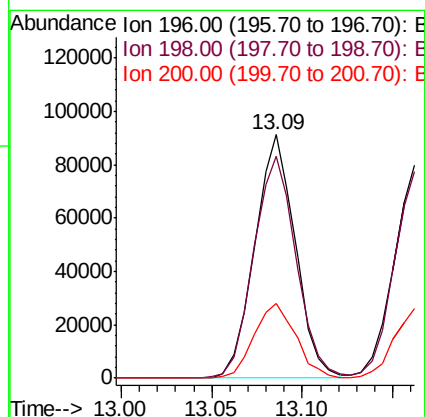
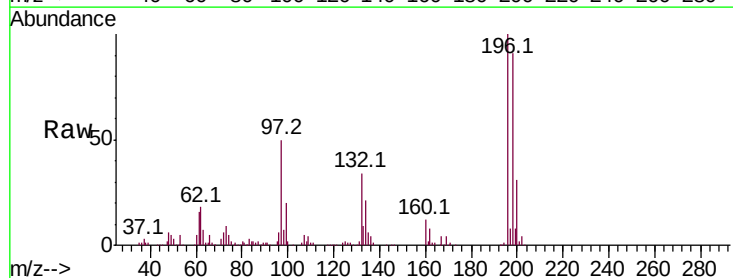
Manual Integrations
 APPROVED

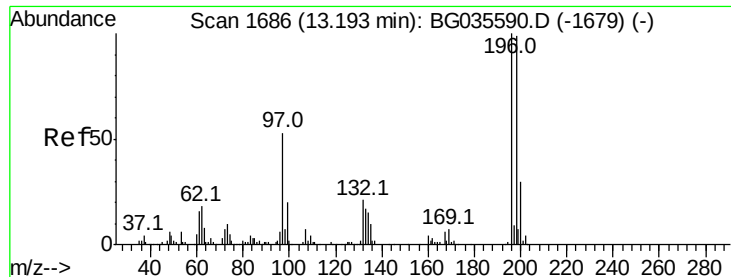
Sohil
 8/1/2018 5:09:00 PM



#42
 2,4,6-Trichlorophenol
 Concen: 53.051 ng
 RT: 13.09 min Scan# 1668
 Delta R.T. -0.00 min
 Lab File: BG036018.D
 Acq: 1 Aug 2018 1:56

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	140990		
198	90.9	78.2	117.2	
200	30.8	24.6	36.8	





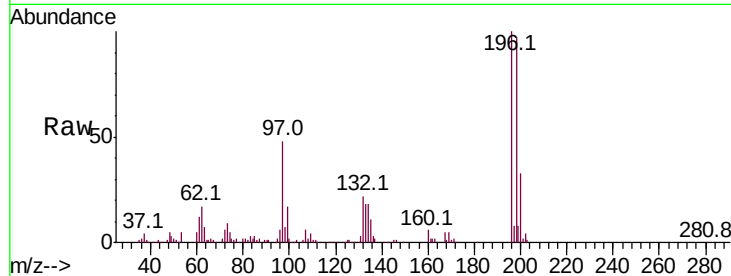
#43
 2,4,5-Trichlorophenol
 Concen: 51.210 ng
 RT: 13.16 min Scan# 1681
 Delta R.T. -0.00 min
 Lab File: BG036018.D
 Acq: 1 Aug 2018 1:56

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-072718MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		152251		
198	97.4	76.2	114.4		
97	48.4	38.7	58.1		
132	21.5	20.2	30.2		

Manual Integrations
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Sohil
 8/1/2018 5:09:00 PM



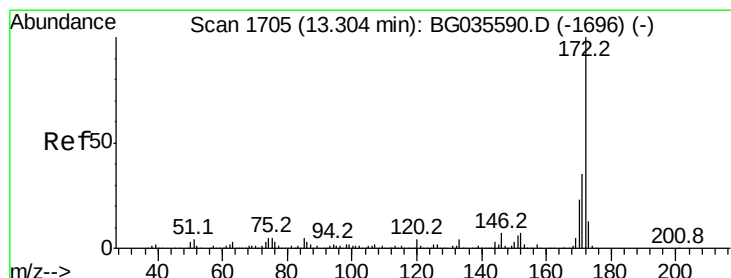
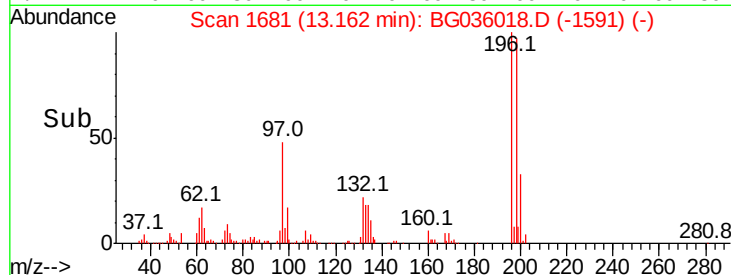
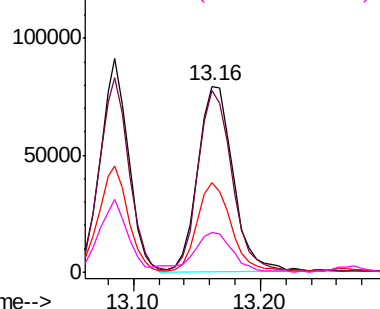
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

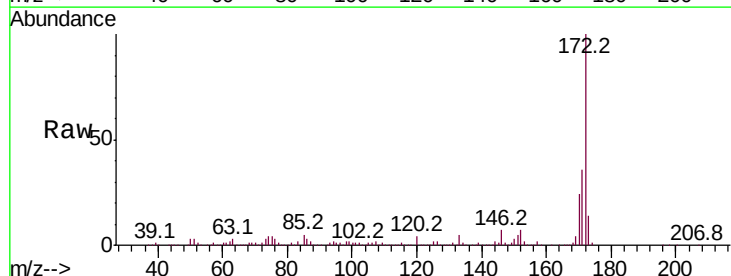
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 93.350 ng
 RT: 13.27 min Scan# 1699
 Delta R.T. -0.01 min
 Lab File: BG036018.D
 Acq: 1 Aug 2018 1:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		838951		
171	35.7	30.0	45.0		
170	24.1	19.5	29.3		

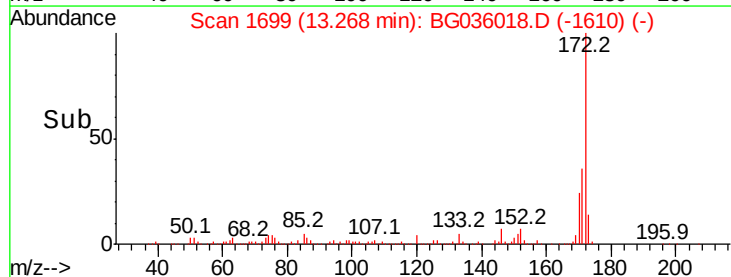
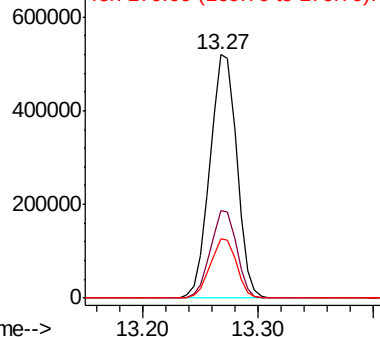


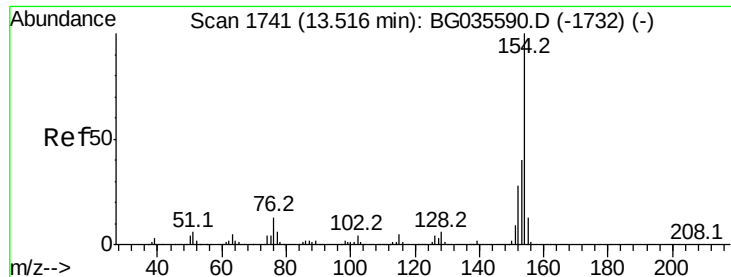
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





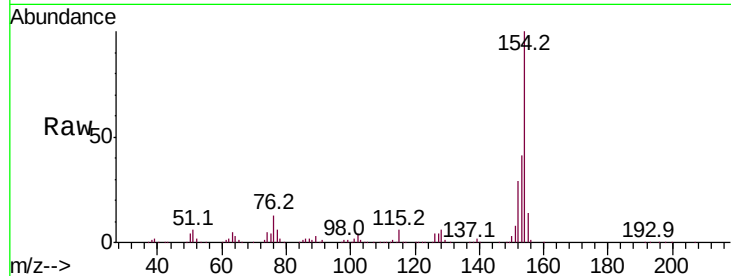
#45
 1,1'-Biphenyl
 Concen: 46.245 ng
 RT: 13.48 min Scan# 1735
 Delta R.T. -0.01 min
 Lab File: BG036018.D
 Acq: 1 Aug 2018 1:56

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-072718MSD

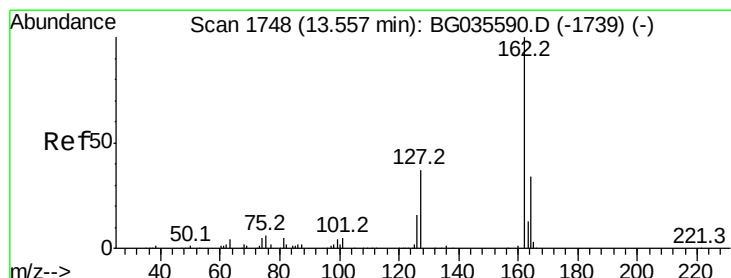
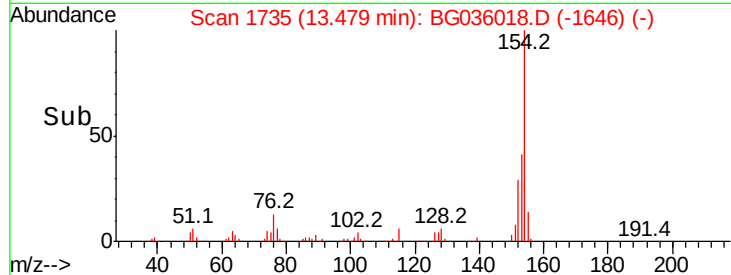
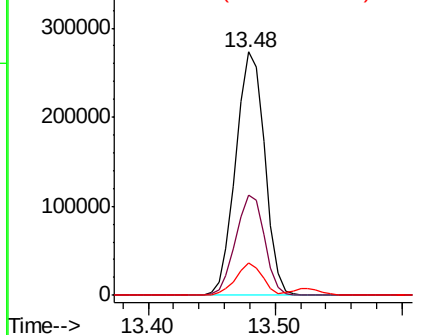
Tot Ion	Ratio	Lower	Upper
154	100		
153	41.3	19.8	59.8
76	13.2	0.0	31.9

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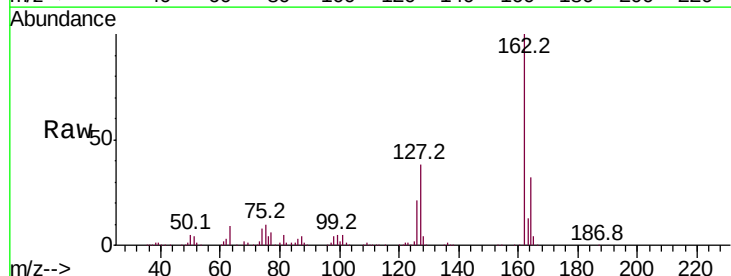


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BGC

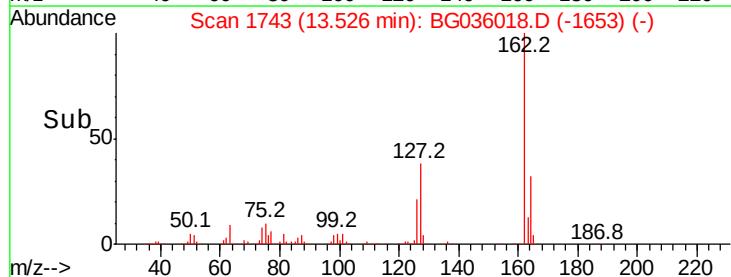
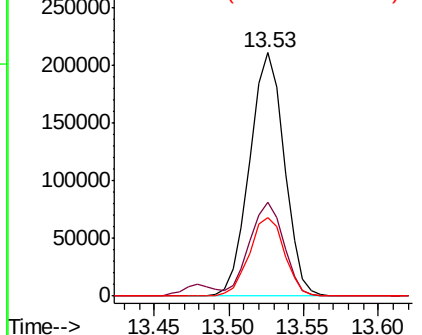


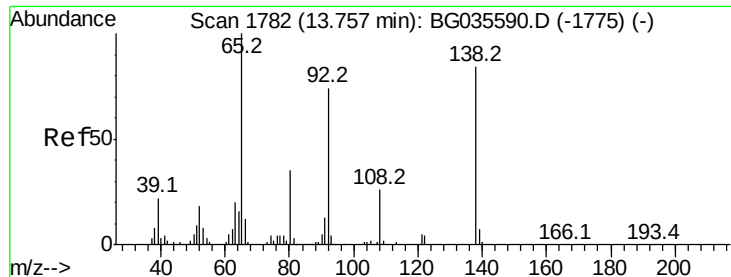
#46
 2-Chloronaphthalene
 Concen: 46.563 ng
 RT: 13.53 min Scan# 1743
 Delta R.T. -0.00 min
 Lab File: BG036018.D
 Acq: 1 Aug 2018 1:56

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.4	30.7	46.1
164	32.4	26.0	39.0



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 45.837 ng

RT: 13.73 min Scan# 1778

Delta R.T. -0.00 min

Lab File: BG036018.D

Acq: 1 Aug 2018 1:56

Instrument :

BNA_G

ClientSampleId :

SU-03-072718MSD

Tot Ion: 65 Resp: 117665

Ion Ratio Lower Upper

65 100

92 73.3 54.6 82.0

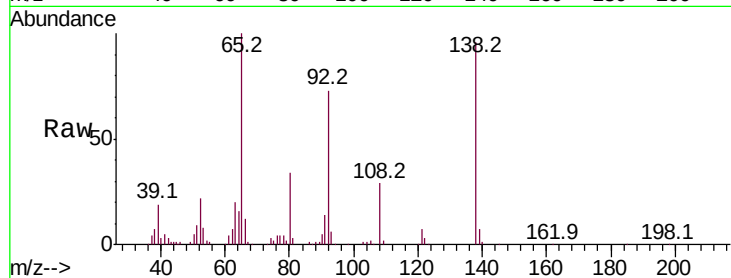
138 96.4 72.9 109.3

Manual Integrations

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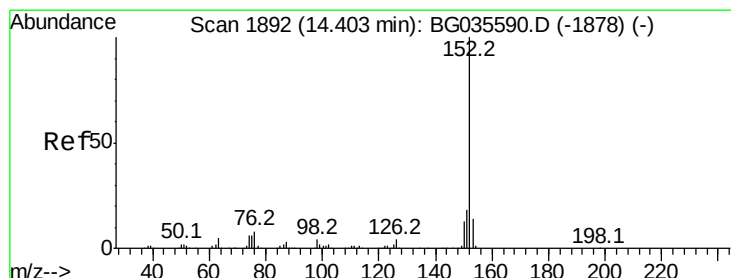
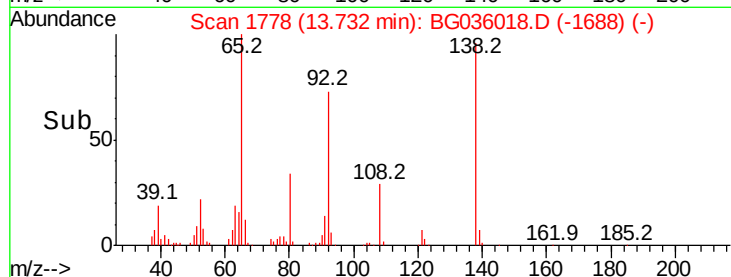


Abundance Ion 65.00 (64.70 to 65.70): BG035590.D (-1775) (-)

Ion 92.00 (91.70 to 92.70): BG035590.D (-1775) (-)

Ion 138.00 (137.70 to 138.70): BG035590.D (-1775) (-)

Time-->



#48

Acenaphthylene

Concen: 46.297 ng

RT: 14.37 min Scan# 1887

Delta R.T. -0.00 min

Lab File: BG036018.D

Acq: 1 Aug 2018 1:56

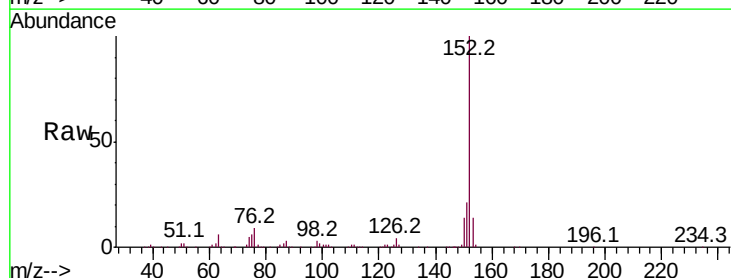
Tgt Ion: 152 Resp: 563116

Ion Ratio Lower Upper

152 100

151 20.8 17.2 25.8

153 13.8 10.2 15.4

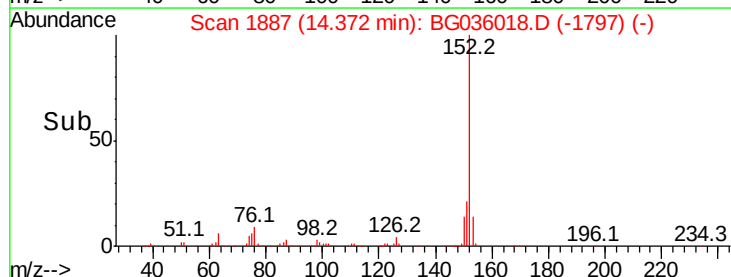


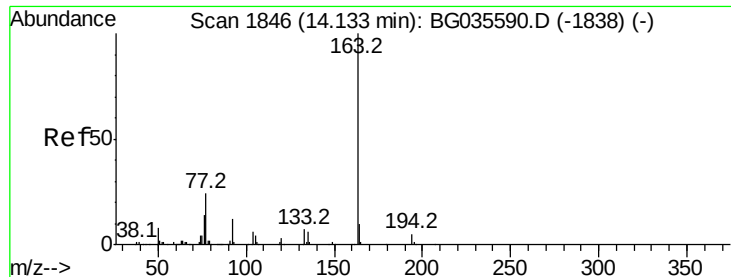
Abundance Ion 152.00 (151.70 to 152.70): BG035590.D (-1878) (-)

Ion 151.00 (150.70 to 151.70): BG035590.D (-1878) (-)

Ion 153.00 (152.70 to 153.70): BG035590.D (-1878) (-)

Time-->





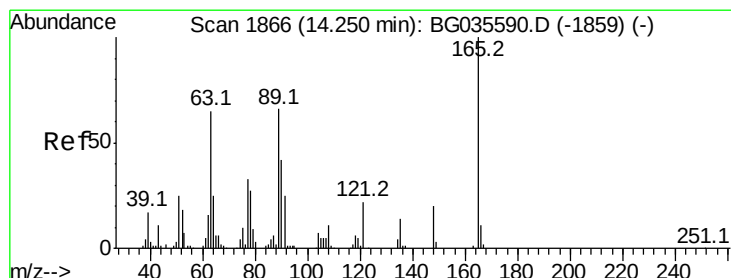
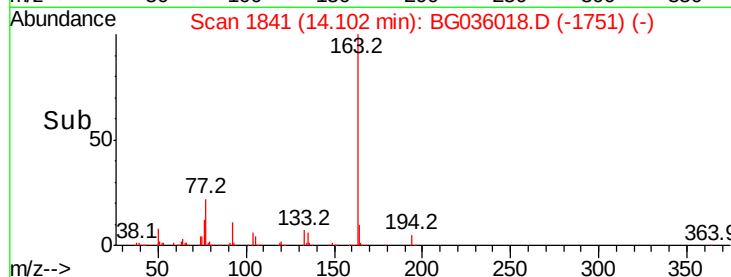
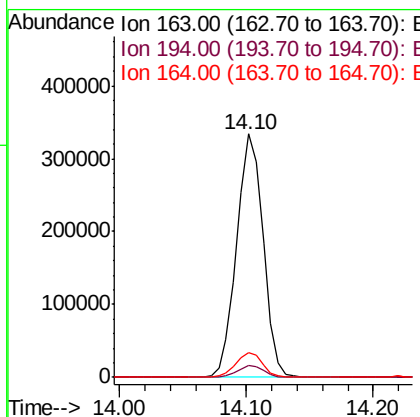
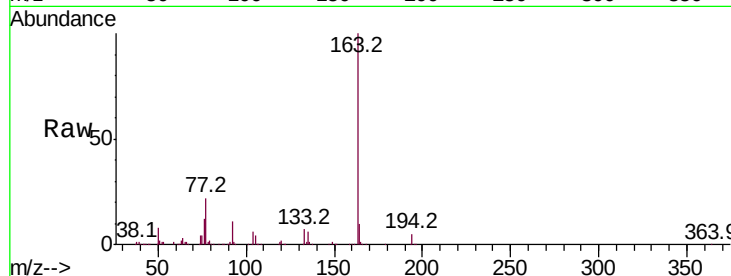
#49
Dimethylphthalate
Concen: 45.717 ng
RT: 14.10 min Scan# 1841
Delta R.T. -0.00 min
Lab File: BG036018.D
Acq: 1 Aug 2018 1:56

Instrument :
BNA_G
ClientSampleId :
SU-03-072718MSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	482278		
194	4.9		3.4	5.2
164	9.9		8.2	12.4

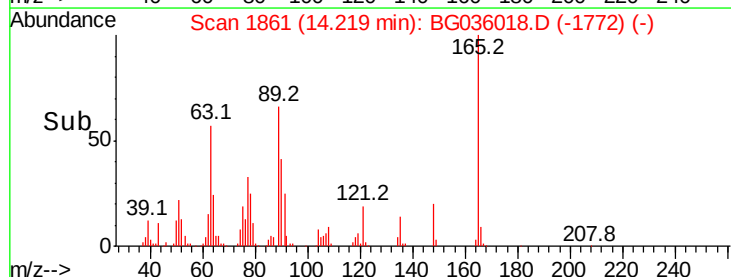
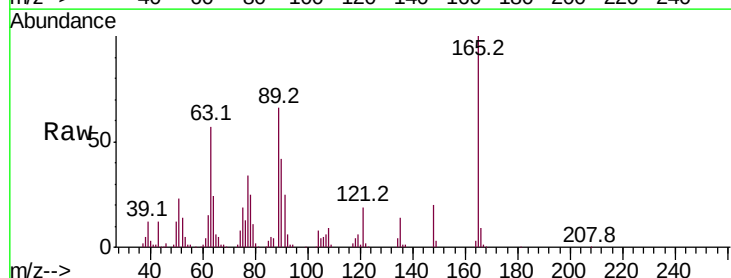
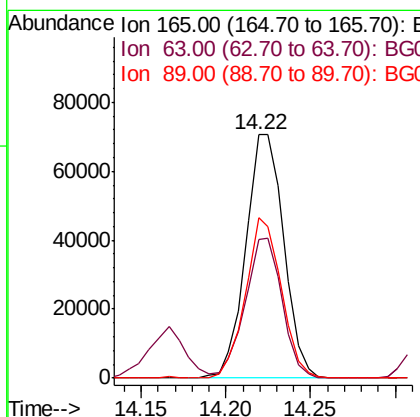
Manual Integrations
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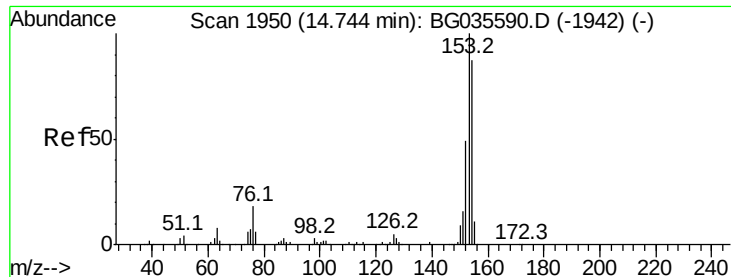
Sohil
8/1/2018 5:09:00 PM



#50
2,6-Dinitrotoluene
Concen: 51.380 ng
RT: 14.22 min Scan# 1861
Delta R.T. -0.01 min
Lab File: BG036018.D
Acq: 1 Aug 2018 1:56

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	110375		
63	56.7		52.7	79.1
89	66.1		49.2	73.8





#51

Acenaphthene

Concen: 43.255 ng

RT: 14.71 min Scan# 1945

Delta R.T. -0.00 min

Lab File: BG036018.D

Acq: 1 Aug 2018 1:56

Instrument :

BNA_G

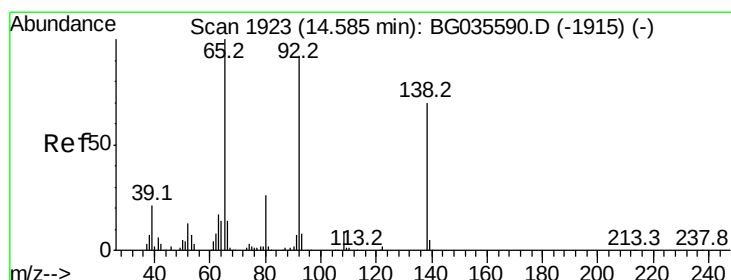
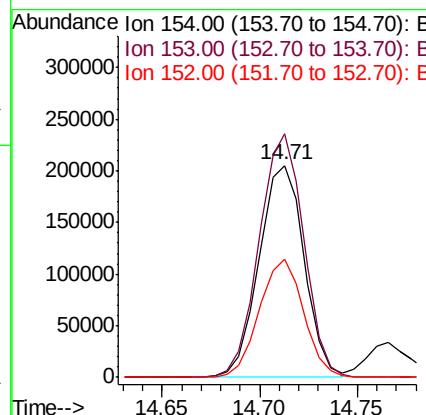
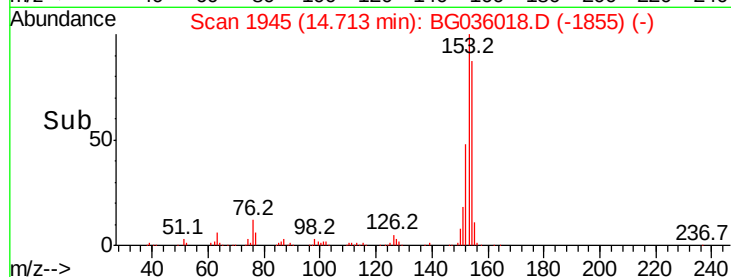
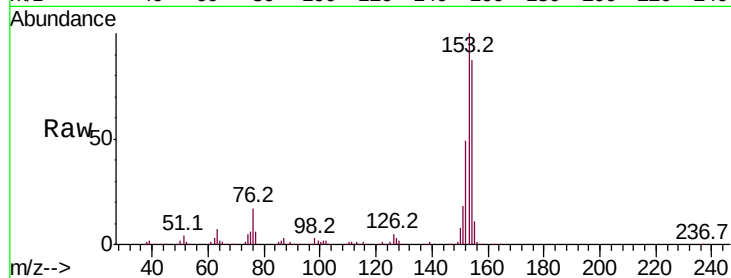
ClientSampleId :

SU-03-072718MSD

Tot Ion:	154	Resp:	327737
Ion Ratio	Lower	Upper	
154	100		
153	114.7	90.4	135.6
152	55.9	41.6	62.4

Manual Integrations
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8/1/2018 5:09:00 PM



#52

3-Nitroaniline

Concen: 13.965 ng

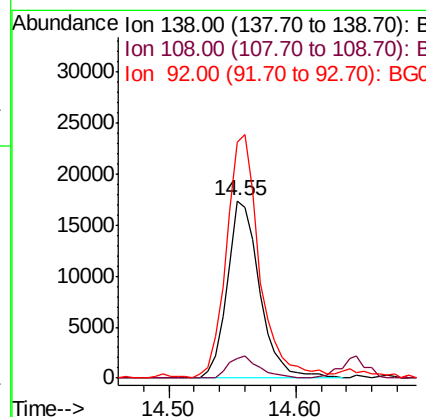
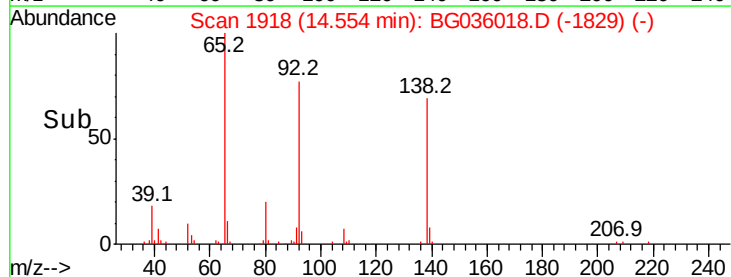
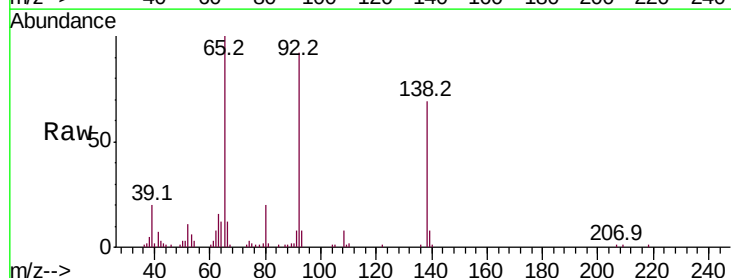
RT: 14.55 min Scan# 1918

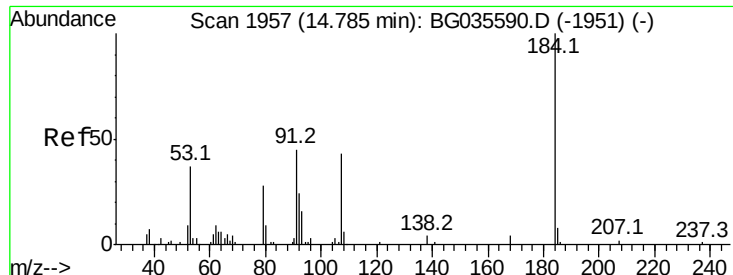
Delta R.T. -0.01 min

Lab File: BG036018.D

Acq: 1 Aug 2018 1:56

Tgt Ion:	138	Resp:	30661
Ion Ratio	Lower	Upper	
138	100		
108	11.0	17.5	26.3#
92	133.2	105.8	158.8





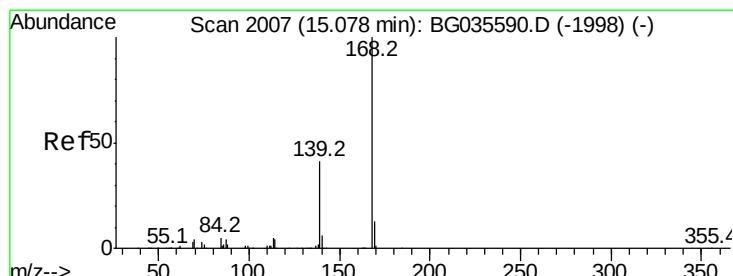
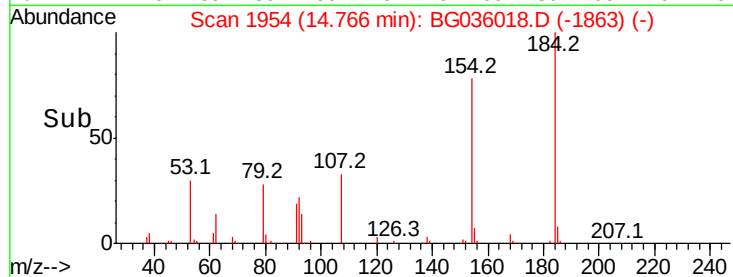
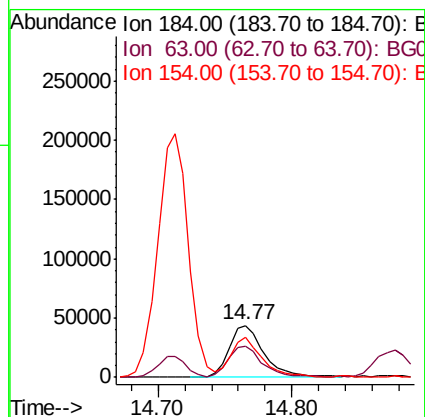
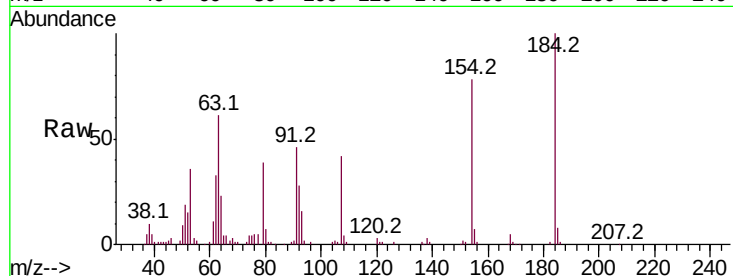
#53
2,4-Dinitrophenol
Concen: 72.434 ng
RT: 14.77 min Scan# 1954
Delta R.T. 0.00 min
Lab File: BG036018.D
Acq: 1 Aug 2018 1:56

Instrument :
BNA_G
ClientSampleId :
SU-03-072718MSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100	79269		
63	61.2	59.8	89.8	
154	78.3	101.8	152.8	

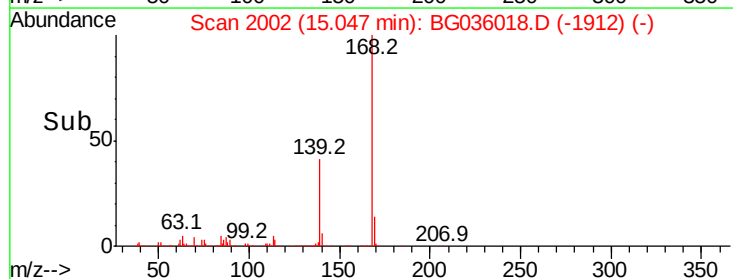
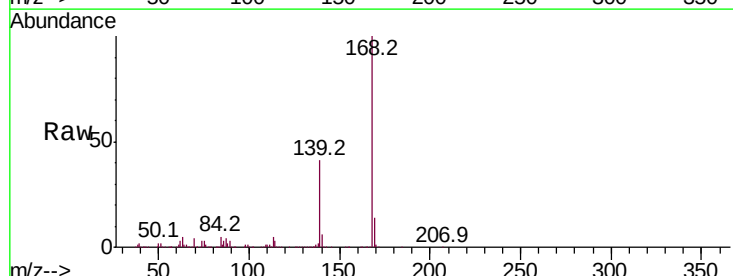
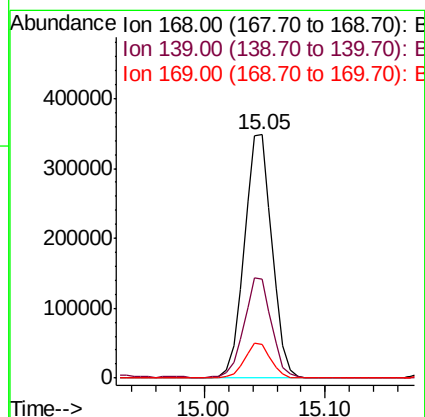
Manual Integrations
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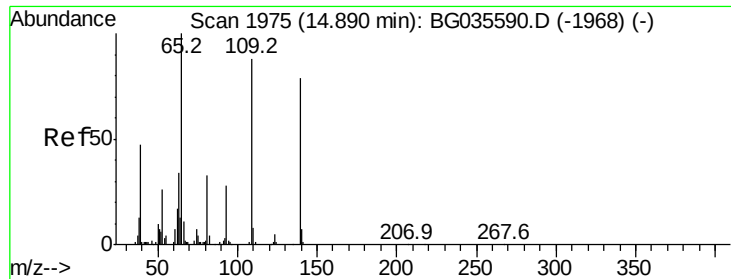
Sohil
8/1/2018 5:09:00 PM



#54
Dibenzofuran
Concen: 46.036 ng
RT: 15.05 min Scan# 2002
Delta R.T. -0.00 min
Lab File: BG036018.D
Acq: 1 Aug 2018 1:56

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	554742		
139	40.8	28.6	43.0	
169	13.6	11.2	16.8	





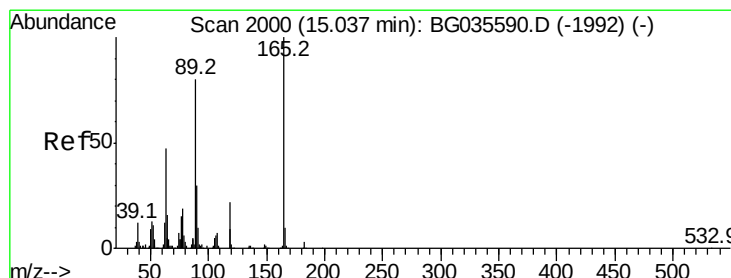
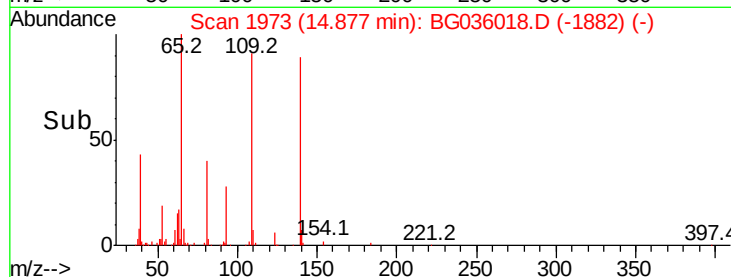
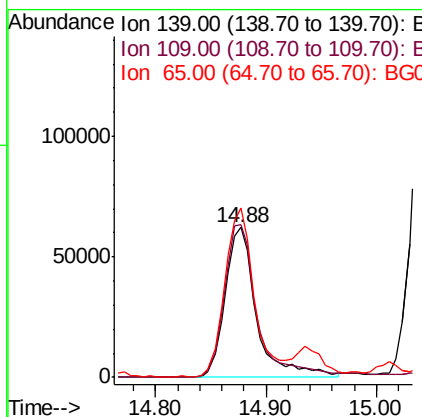
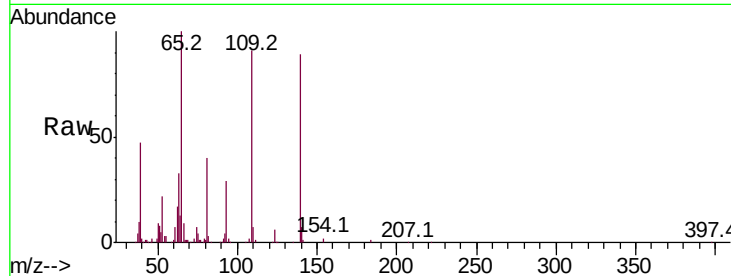
#55
4-Nitrophenol
Concen: 79.690 ng
RT: 14.88 min Scan# 1973
Delta R.T. 0.00 min
Lab File: BG036018.D
Acq: 1 Aug 2018 1:56

Instrument :
BNA_G
ClientSampleId :
SU-03-072718MSD

Tot Ion	Ratio	Lower	Upper
139	100		
109	102.4	62.2	102.2#
65	112.8	97.2	137.2

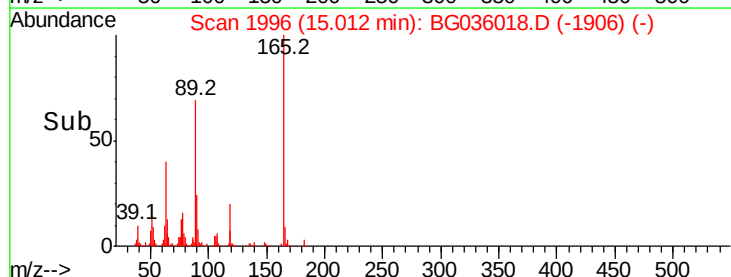
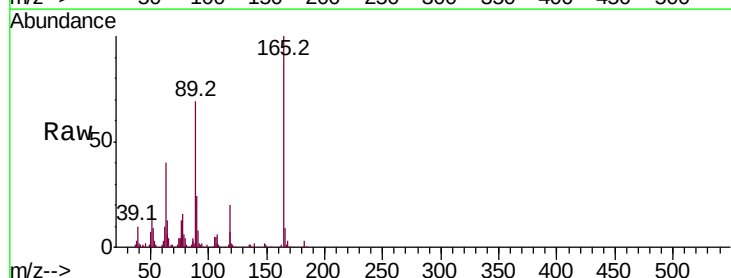
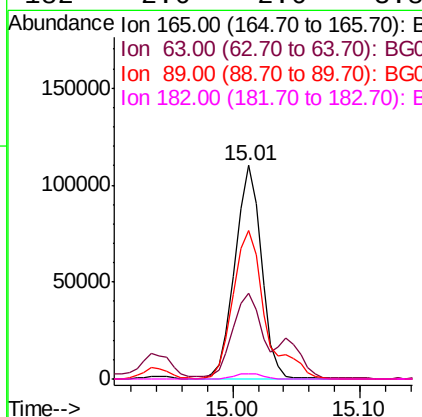
Manual Integrations
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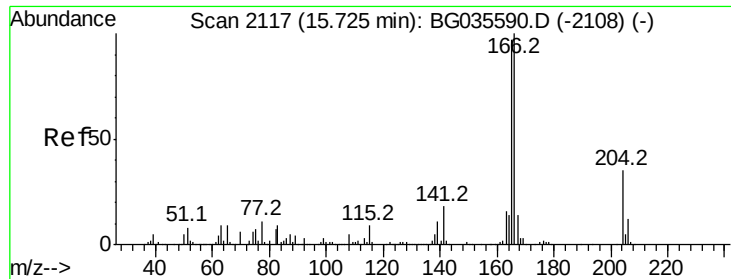
Sohil
8/1/2018 5:09:00 PM



#56
2,4-Dinitrotoluene
Concen: 51.452 ng
RT: 15.01 min Scan# 1996
Delta R.T. -0.00 min
Lab File: BG036018.D
Acq: 1 Aug 2018 1:56

Tgt Ion	Ratio	Lower	Upper
165	100		
63	40.3	42.0	63.0#
89	69.5	66.9	100.3
182	2.6	2.6	3.8#





#57

Fluorene

Concen: 45.499 ng

RT: 15.69 min Scan# 2112

Delta R.T. -0.00 min

Lab File: BG036018.D

Acq: 1 Aug 2018 1:56

Instrument :

BNA_G

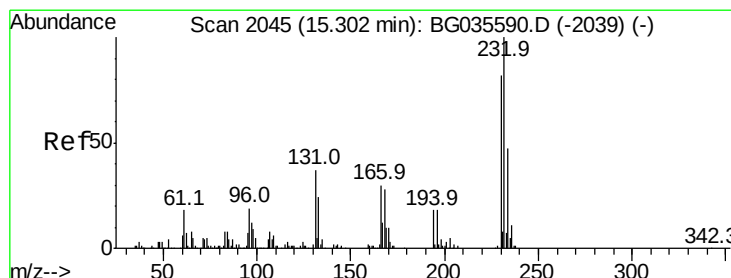
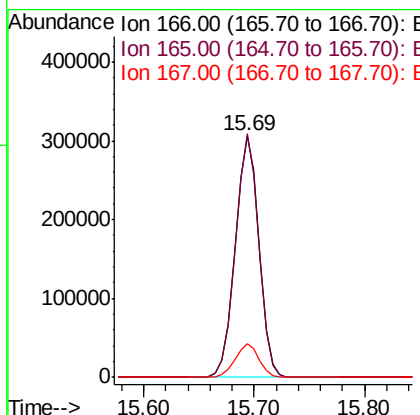
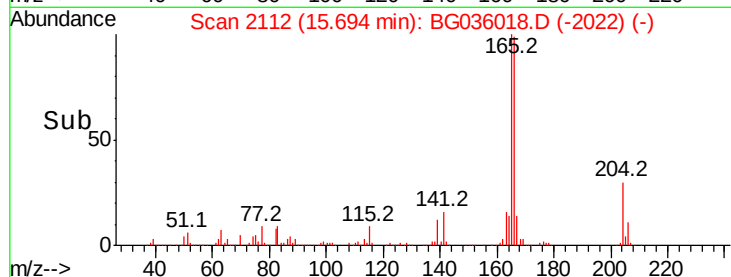
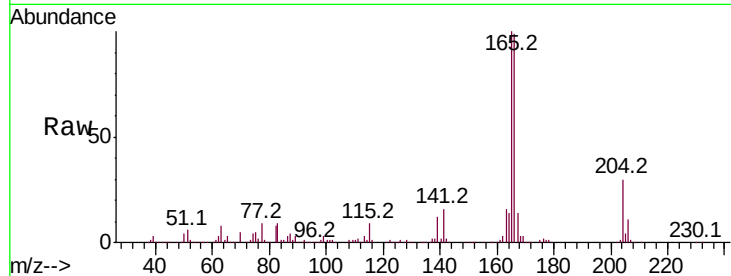
ClientSampleId :

SU-03-072718MSD

Tot Ion:	166	Resp:	459527
Ion Ratio	Lower	Upper	
166	100		
165	100.9	80.6	121.0
167	14.2	10.4	15.6

Manual Integrations
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8/1/2018 5:09:00 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 52.974 ng

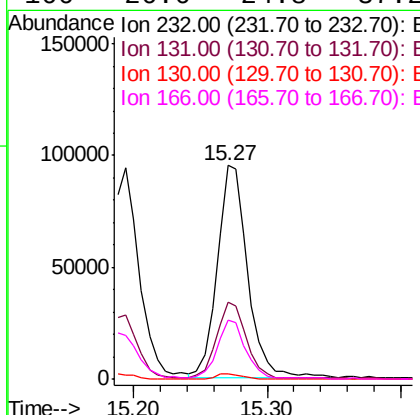
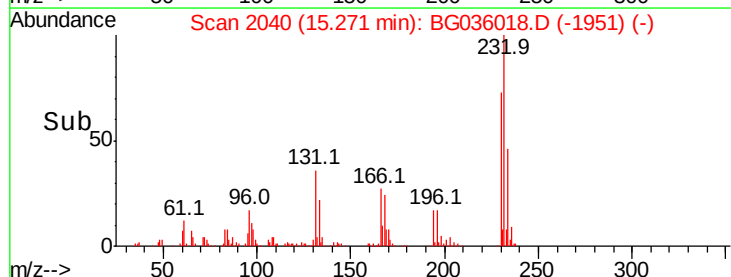
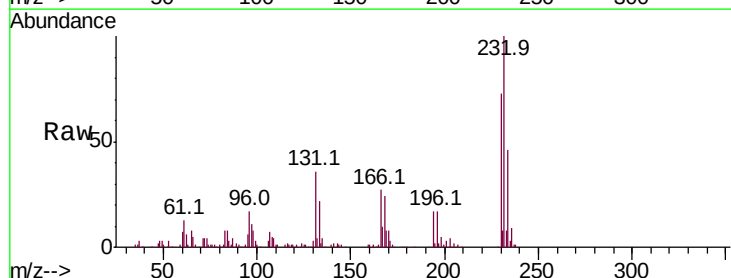
RT: 15.27 min Scan# 2040

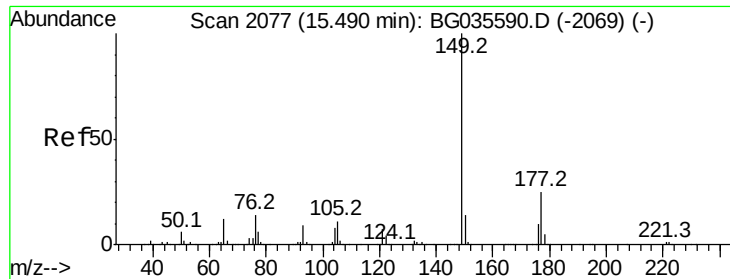
Delta R.T. -0.01 min

Lab File: BG036018.D

Acq: 1 Aug 2018 1:56

Tgt Ion:	232	Resp:	151008
Ion Ratio	Lower	Upper	
232	100		
131	35.3	33.5	50.3
130	2.2	2.2	3.2
166	26.6	24.8	37.2





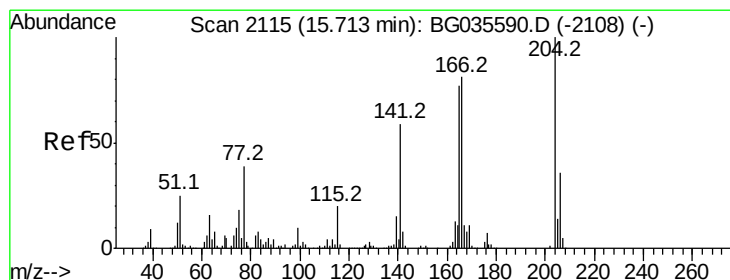
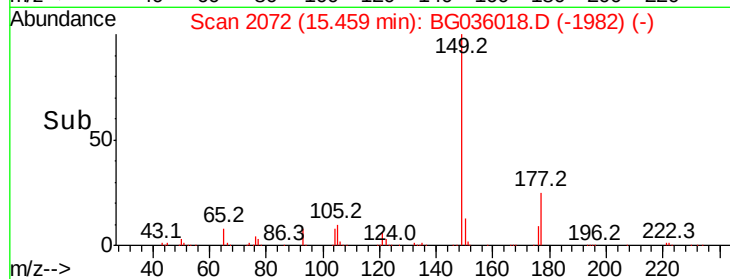
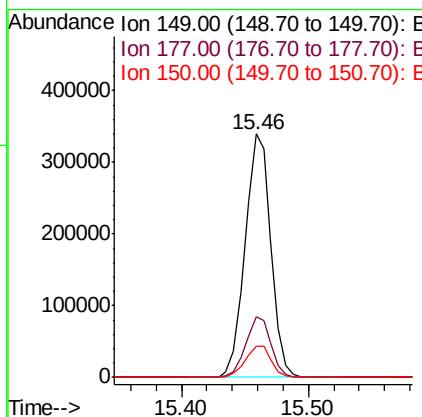
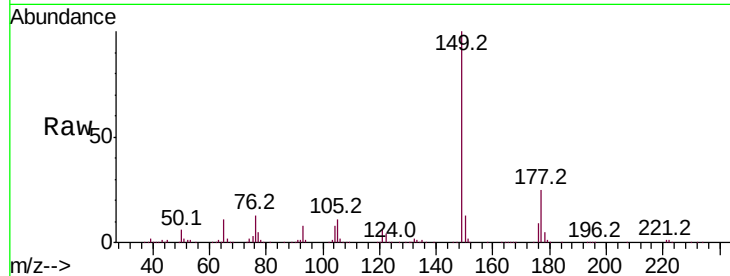
#59
Diethylphthalate
Concen: 43.803 ng
RT: 15.46 min Scan# 2072
Delta R.T. -0.00 min
Lab File: BG036018.D
Acq: 1 Aug 2018 1:56

Instrument :
BNA_G
ClientSampleId :
SU-03-072718MSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	25.0	18.5	27.7
150	13.0	10.2	15.2

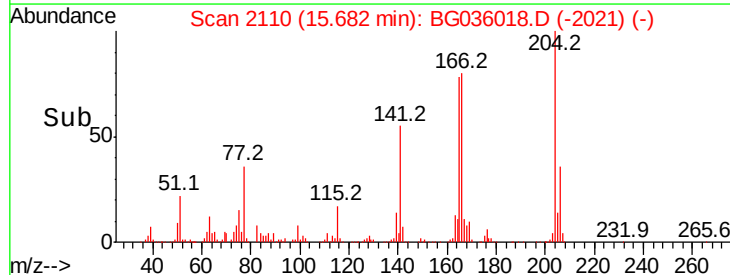
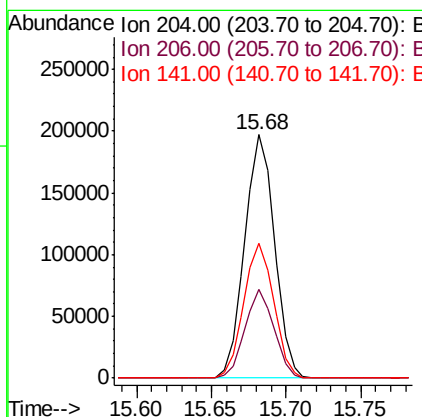
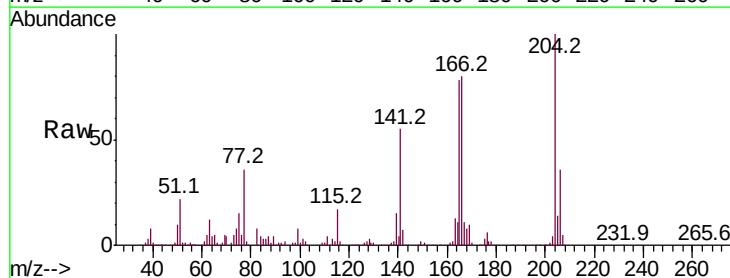
Manual Integrations
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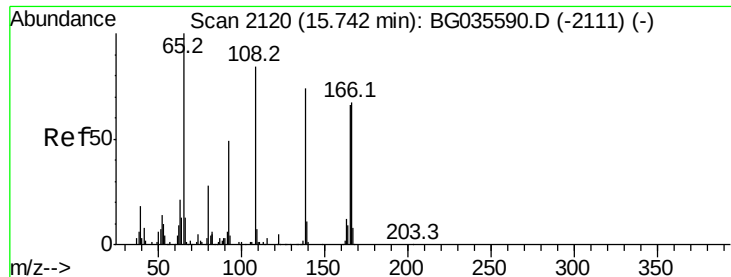
Sohil
8/1/2018 5:09:00 PM



#60
4-Chlorophenyl-phenylether
Concen: 46.058 ng
RT: 15.68 min Scan# 2110
Delta R.T. -0.01 min
Lab File: BG036018.D
Acq: 1 Aug 2018 1:56

Tgt Ion	Ratio	Lower	Upper
204	100		
206	36.4	26.2	39.2
141	55.5	45.8	68.6





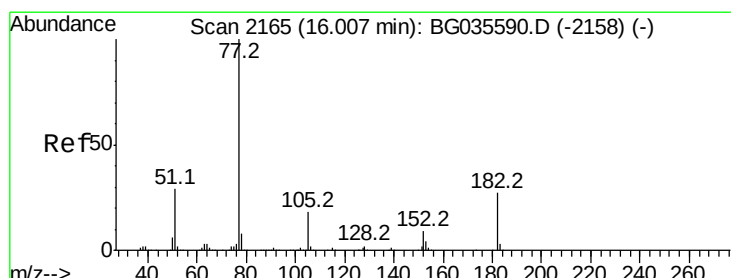
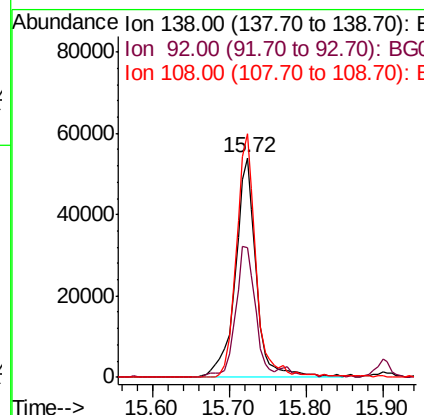
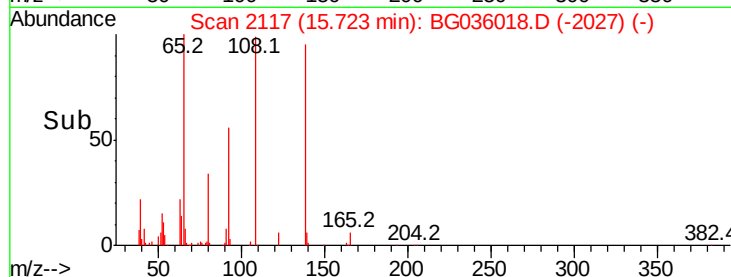
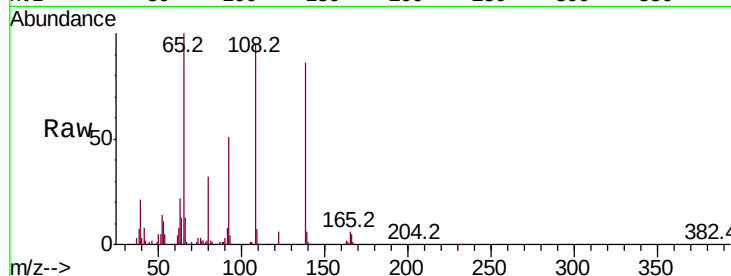
#61
4-Nitroaniline
Concen: 44.406 ng
RT: 15.72 min Scan# 2117
Delta R.T. -0.00 min
Lab File: BG036018.D
Acq: 1 Aug 2018 1:56

Instrument :
BNA_G
ClientSampleId :
SU-03-072718MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	59.2	40.1	80.1
108	110.9	65.4	105.4

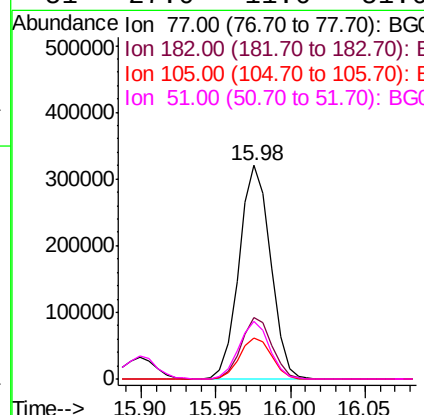
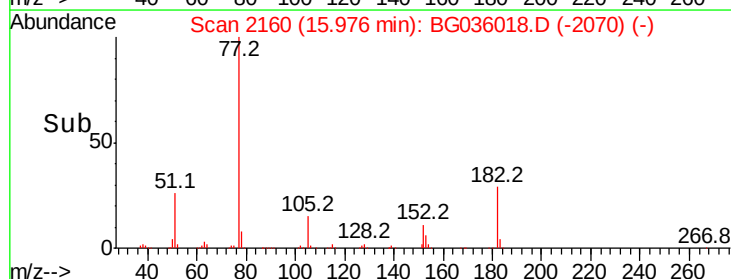
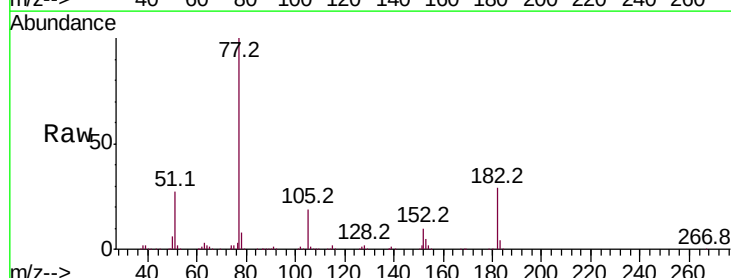
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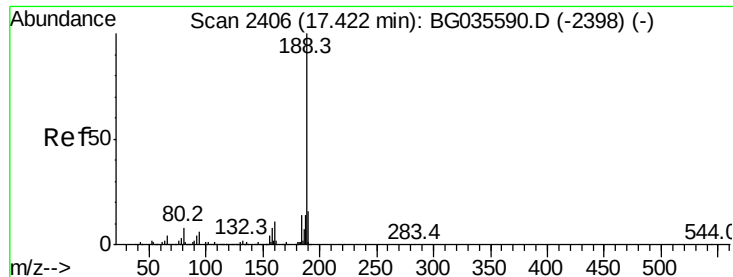
Sohil
8/1/2018 5:09:00 PM



#62
Azobenzene
Concen: 43.809 ng
RT: 15.98 min Scan# 2160
Delta R.T. -0.00 min
Lab File: BG036018.D
Acq: 1 Aug 2018 1:56

Tgt Ion	Ratio	Lower	Upper
77	100		
182	28.7	7.4	47.4
105	19.0	0.3	40.3
51	27.0	11.6	51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.39 min Scan# 2401

Delta R.T. -0.00 min

Lab File: BG036018.D

Acq: 1 Aug 2018 1:56

Instrument :

BNA_G

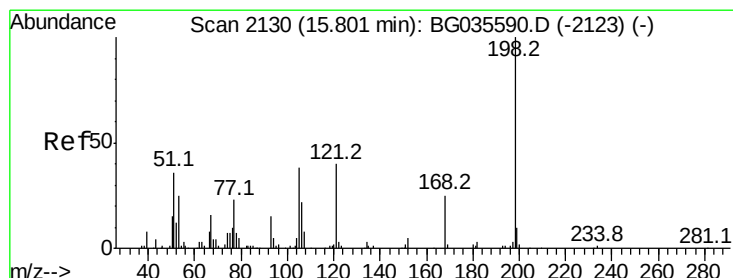
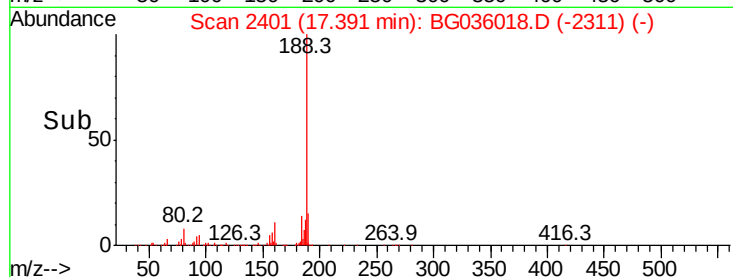
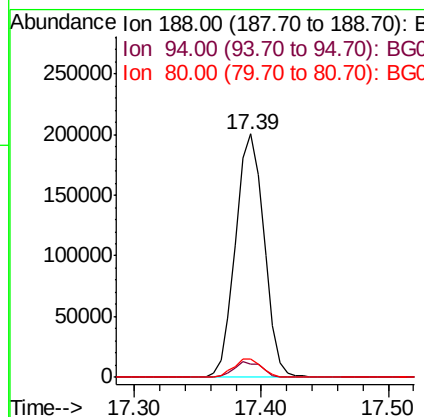
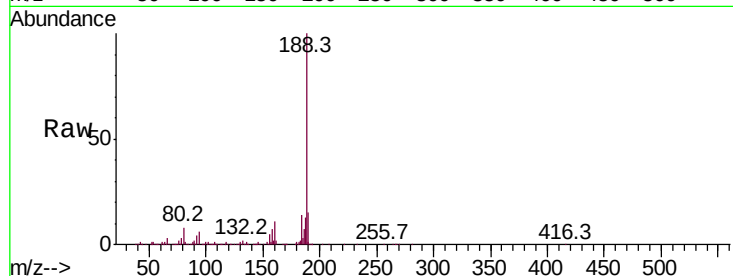
ClientSampleId :

SU-03-072718MSD

Tot Ion:188	Resp:	312259
Ion Ratio	Lower	Upper
188 100		
94 5.5	6.9	10.3#
80 7.6	7.7	11.5#

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#64

4,6-Dinitro-2-methylphenol

Concen: 46.211 ng

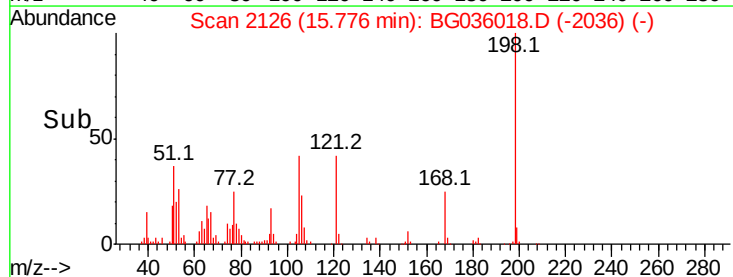
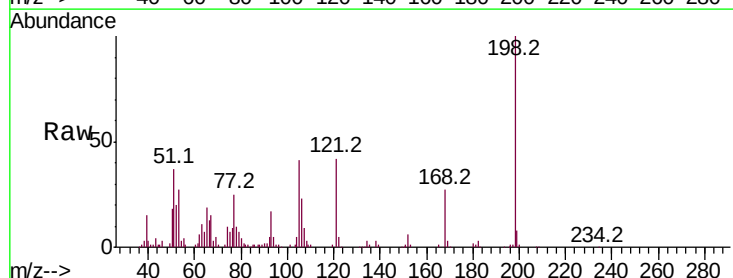
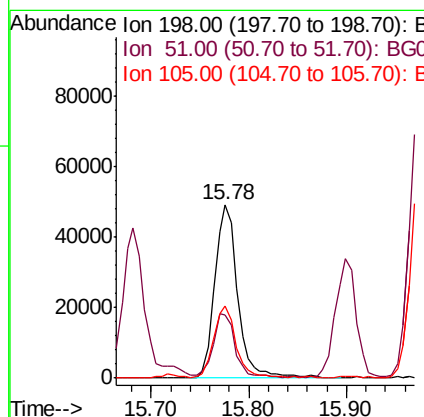
RT: 15.78 min Scan# 2126

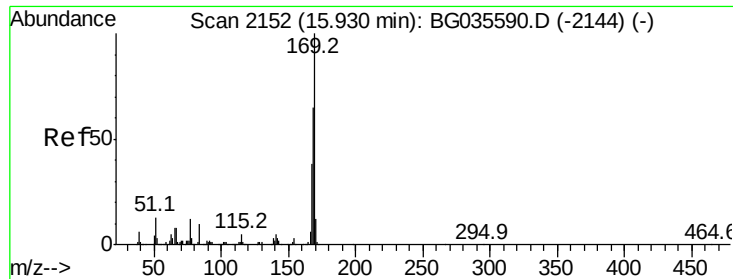
Delta R.T. -0.00 min

Lab File: BG036018.D

Acq: 1 Aug 2018 1:56

Tgt Ion:198	Resp:	80325
Ion Ratio	Lower	Upper
198 100		
51 36.6	30.6	70.6
105 41.4	23.8	63.8





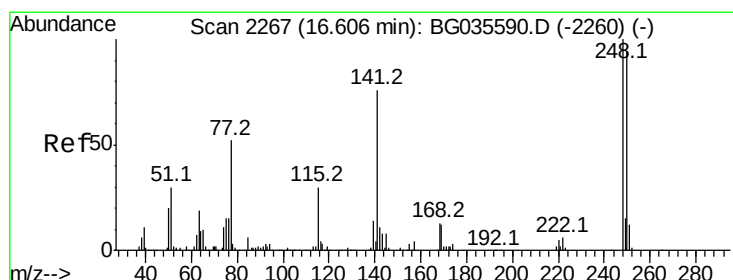
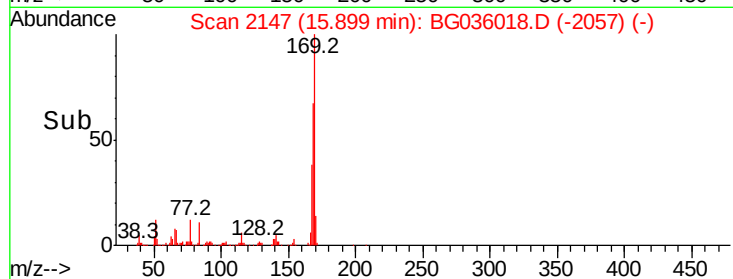
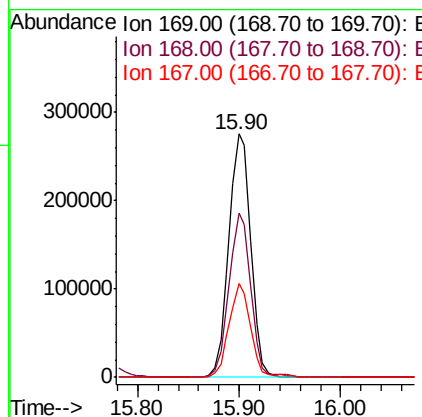
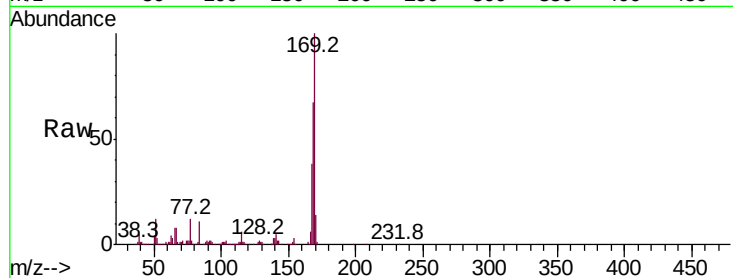
#65
 n-Nitrosodiphenylamine
 Concen: 46.403 ng
 RT: 15.90 min Scan# 2147
 Delta R.T. -0.00 min
 Lab File: BG036018.D
 Acq: 1 Aug 2018 1:56

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-072718MSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	67.4	55.7	83.5	
167	38.4	30.1	45.1	

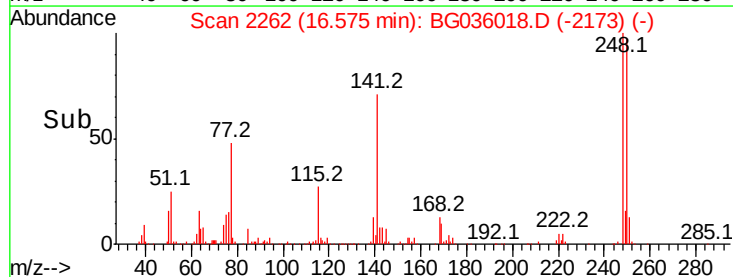
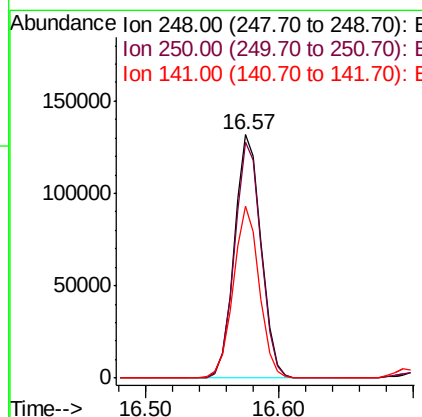
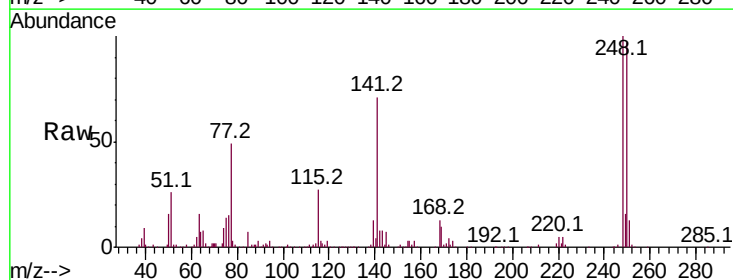
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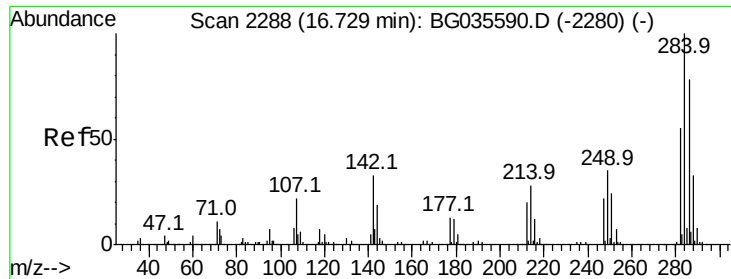
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#66
 4-Bromophenyl-phenylether
 Concen: 50.796 ng
 RT: 16.57 min Scan# 2262
 Delta R.T. -0.01 min
 Lab File: BG036018.D
 Acq: 1 Aug 2018 1:56

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	97.1	77.1	115.7	
141	70.8	50.8	76.2	





#67

Hexachlorobenzene

Concen: 50.576 ng

RT: 16.70 min Scan# 2283

Delta R.T. -0.00 min

Lab File: BG036018.D

Acq: 1 Aug 2018 1:56

Instrument :

BNA_G

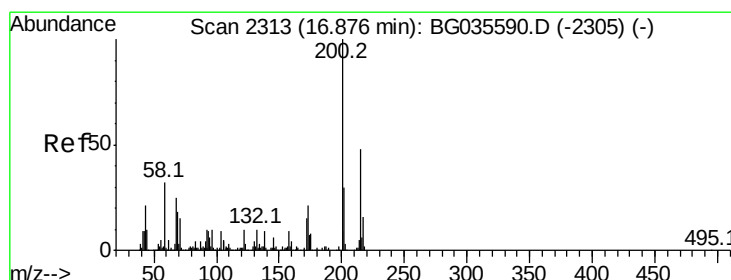
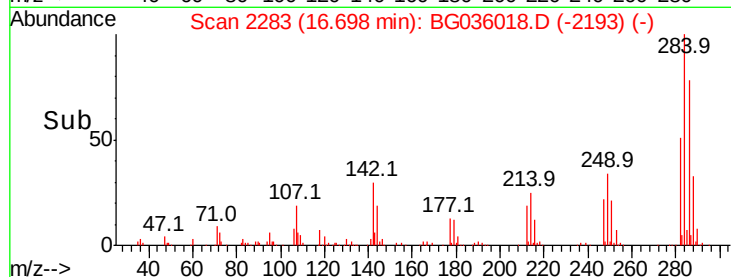
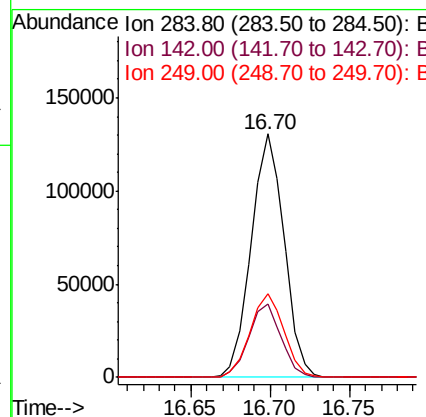
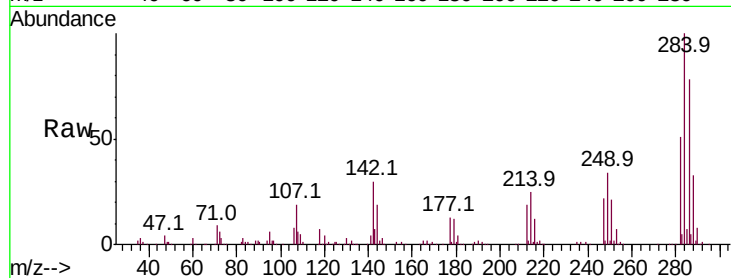
ClientSampleId :

SU-03-072718MSD

Tot Ion:	284	Resp:	188684
Ion Ratio	Lower	Upper	
284	100		
142	30.3	26.8	40.2
249	34.2	26.3	39.5

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#68

Atrazine

Concen: 51.339 ng

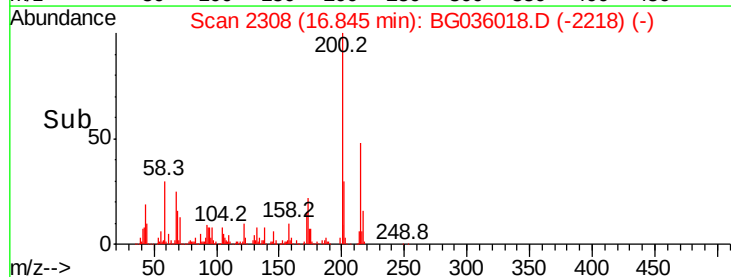
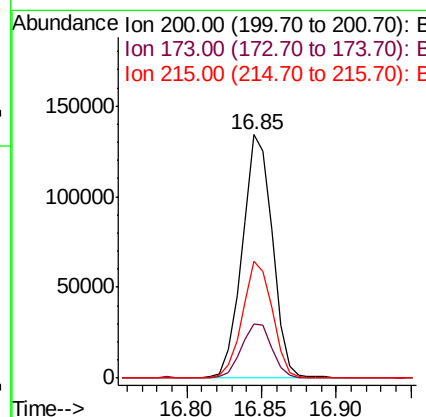
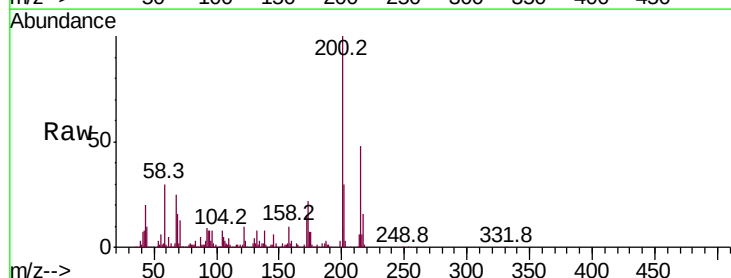
RT: 16.85 min Scan# 2308

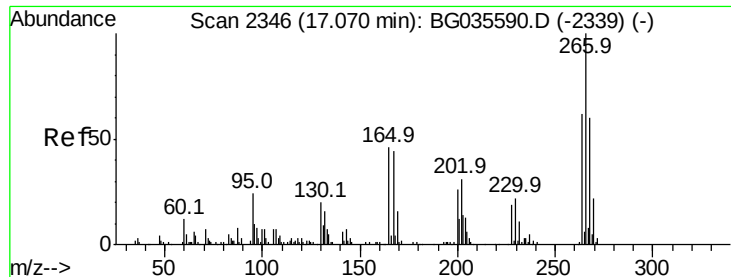
Delta R.T. -0.00 min

Lab File: BG036018.D

Acq: 1 Aug 2018 1:56

Tgt Ion:	200	Resp:	187872
Ion Ratio	Lower	Upper	
200	100		
173	22.5	5.2	45.2
215	48.0	30.4	70.4





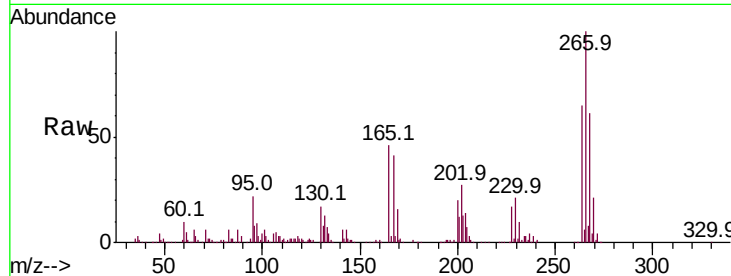
#69
 Pentachlorophenol
 Concen: 77.349 ng
 RT: 17.04 min Scan# 2342
 Delta R.T. -0.00 min
 Lab File: BG036018.D
 Acq: 1 Aug 2018 1:56

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-072718MSD

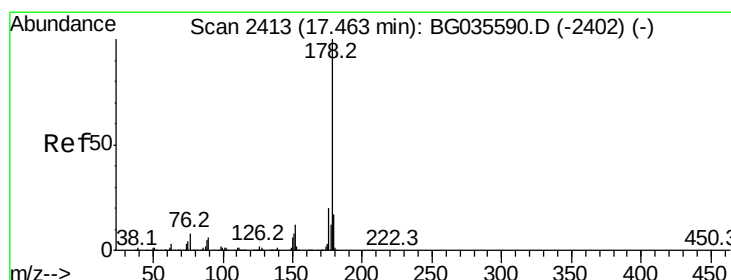
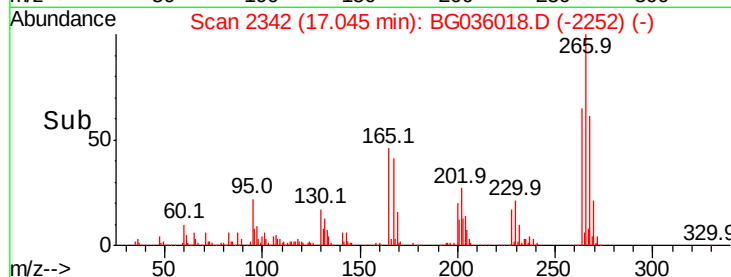
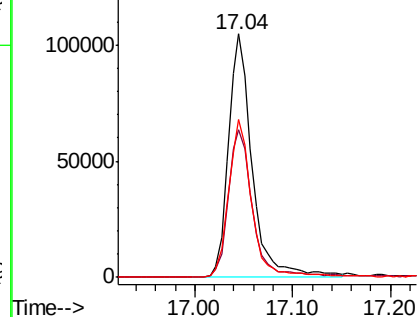
Tot Ion	Ratio	Resp	Lower	Upper
266	100	175766		
268	60.8		51.1	76.7
264	64.8		49.6	74.4

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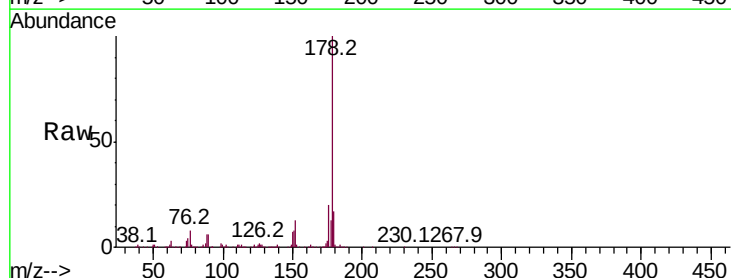


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

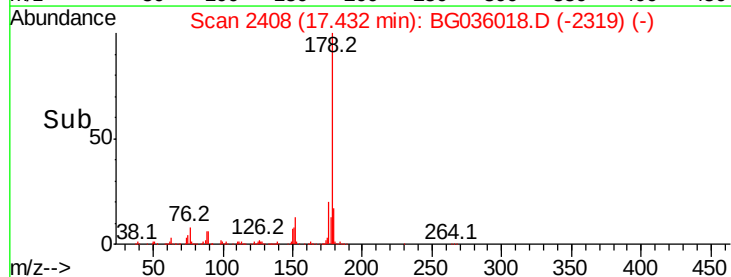
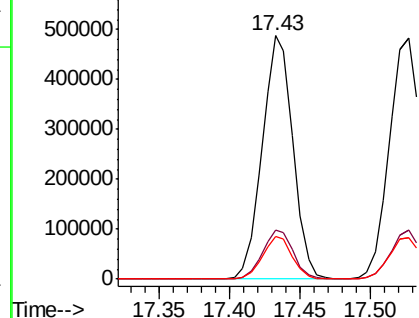


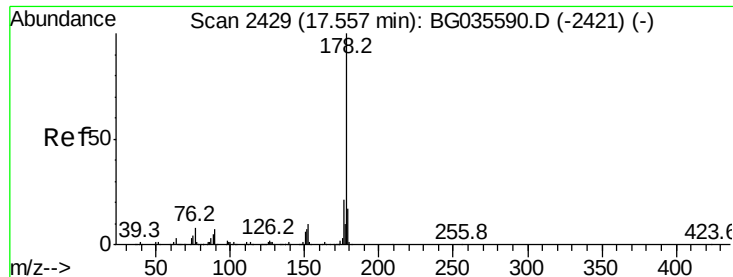
#70
 Phenanthrene
 Concen: 47.741 ng
 RT: 17.43 min Scan# 2408
 Delta R.T. -0.01 min
 Lab File: BG036018.D
 Acq: 1 Aug 2018 1:56

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	743866		
176	20.2		15.7	23.5
179	17.3		12.5	18.7



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





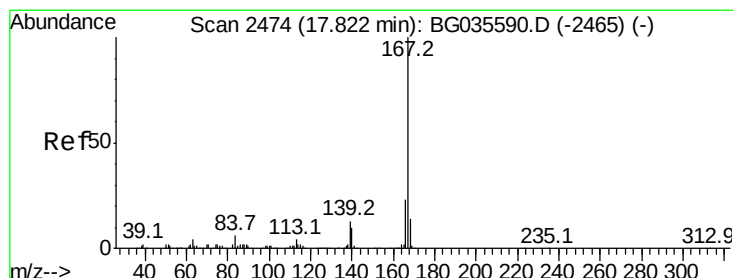
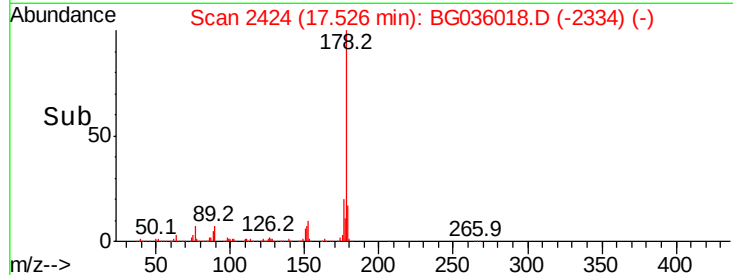
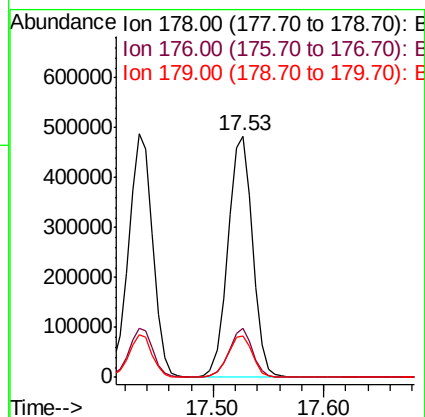
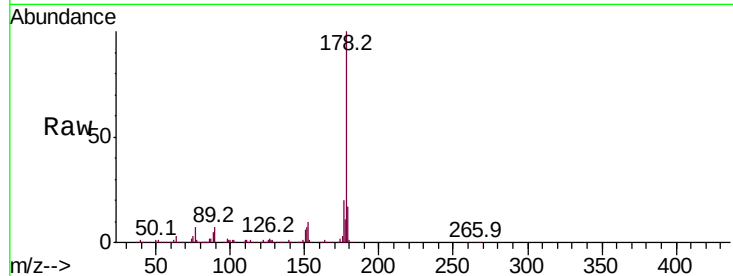
#71
 Anthracene
 Concen: 48.579 ng
 RT: 17.53 min Scan# 2424
 Delta R.T. -0.00 min
 Lab File: BG036018.D
 Acq: 1 Aug 2018 1:56

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-072718MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.2	16.0	24.0
179	17.1	12.5	18.7

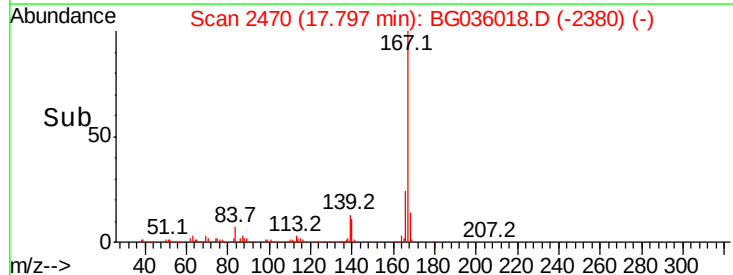
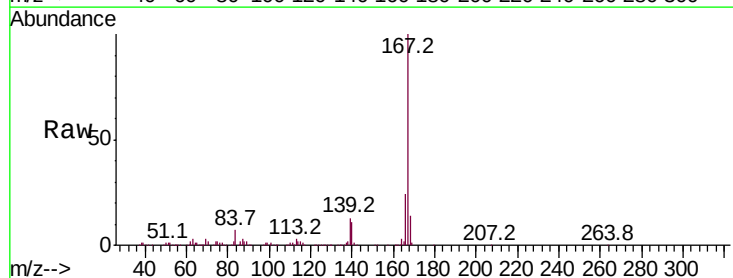
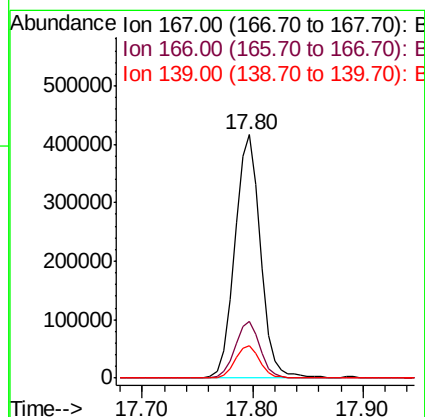
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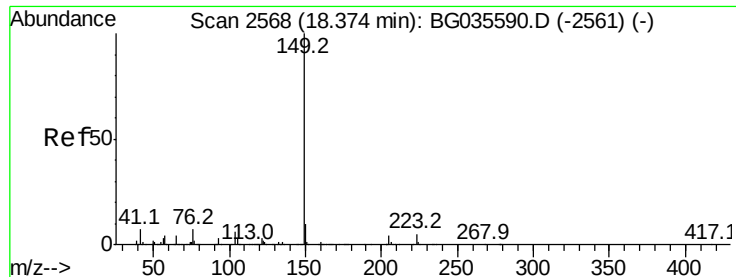
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#72
 Carbazole
 Concen: 46.024 ng
 RT: 17.80 min Scan# 2470
 Delta R.T. -0.00 min
 Lab File: BG036018.D
 Acq: 1 Aug 2018 1:56

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.5	18.2	27.4
139	13.1	9.4	14.2





#73

Di-n-butylphthalate

Concen: 44.877 ng

RT: 18.34 min Scan# 2563

Delta R.T. -0.01 min

Lab File: BG036018.D

Acq: 1 Aug 2018 1:56

Instrument :

BNA_G

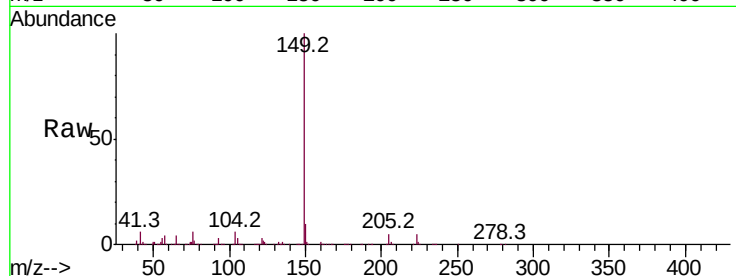
ClientSampleId :

SU-03-072718MSD

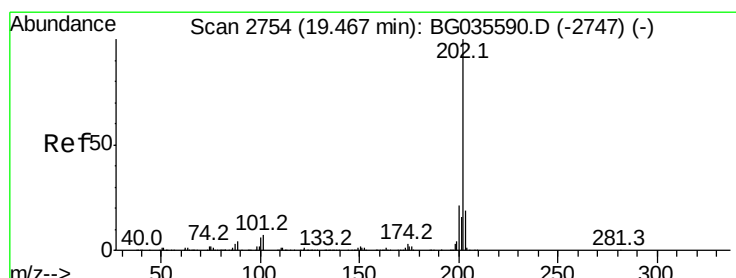
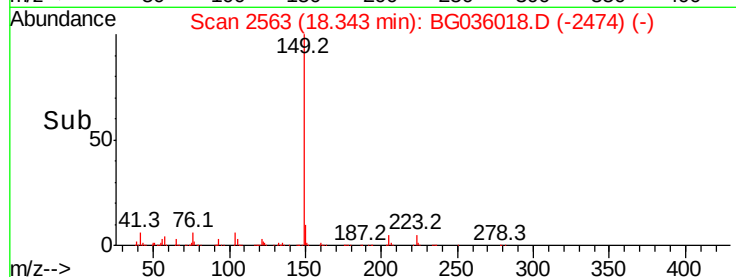
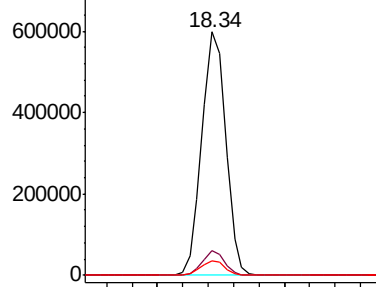
Tot Ion:	149	Resp:	781381
Ion Ratio	Lower	Upper	
149	100		
150	10.1	7.8	11.6
104	6.2	3.9	5.9#

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



#74

Fluoranthene

Concen: 45.923 ng

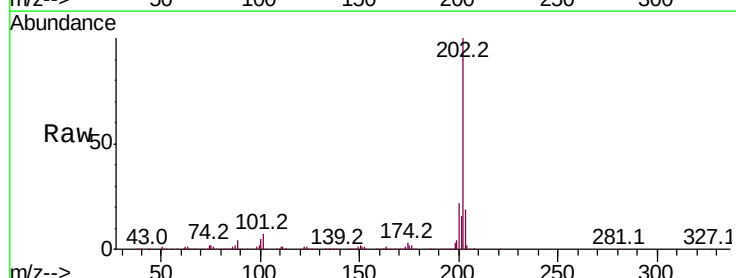
RT: 19.44 min Scan# 2750

Delta R.T. -0.00 min

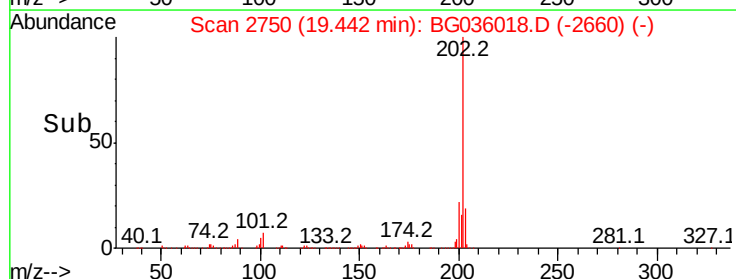
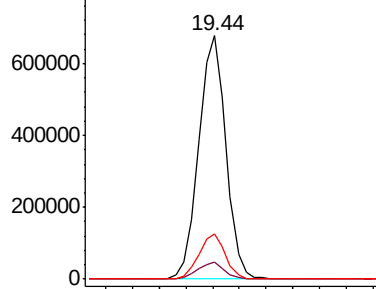
Lab File: BG036018.D

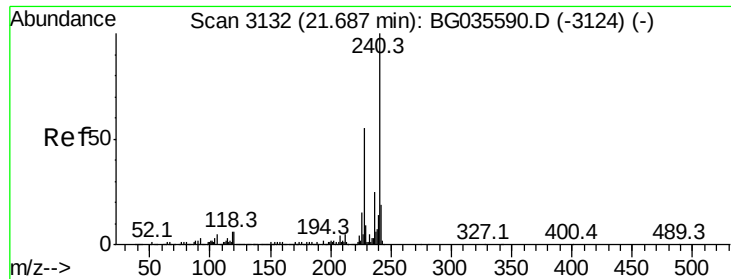
Acq: 1 Aug 2018 1:56

Tgt Ion:	202	Resp:	963826
Ion Ratio	Lower	Upper	
202	100		
101	7.0	0.0	28.9
203	18.5	0.0	37.5



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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.66 min Scan# 3127

Delta R.T. -0.00 min

Lab File: BG036018.D

Acq: 1 Aug 2018 1:56

Instrument :

BNA_G

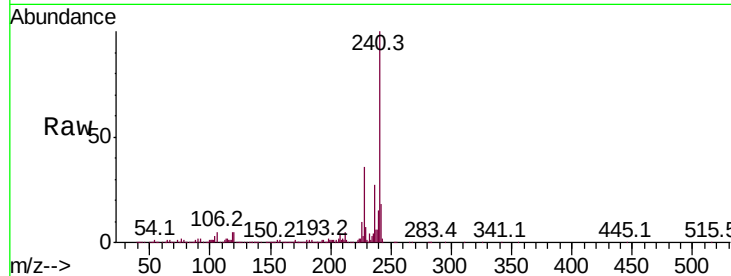
ClientSampleId :

SU-03-072718MSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	5.2	6.8	10.2#
236	26.5	20.9	31.3

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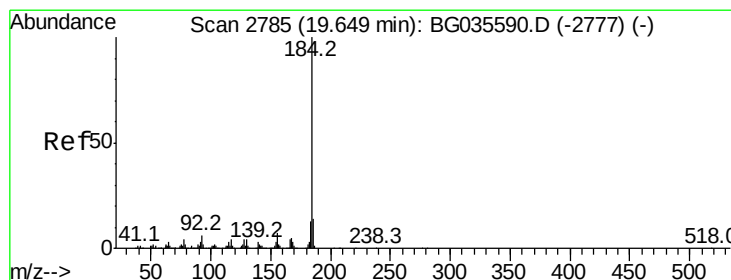
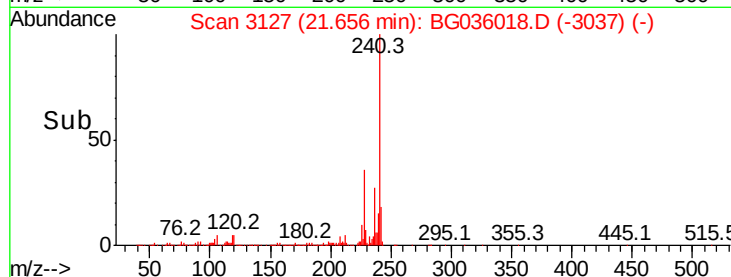
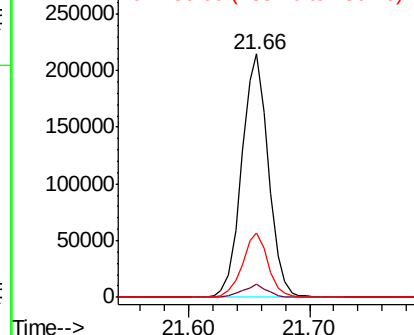


Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 7.255 ng m

RT: 19.63 min Scan# 2782

Delta R.T. 0.00 min

Lab File: BG036018.D

Acq: 1 Aug 2018 1:56

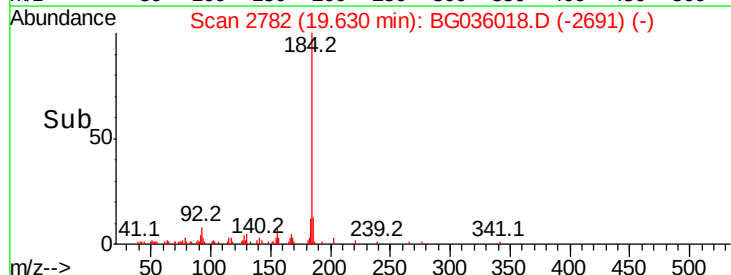
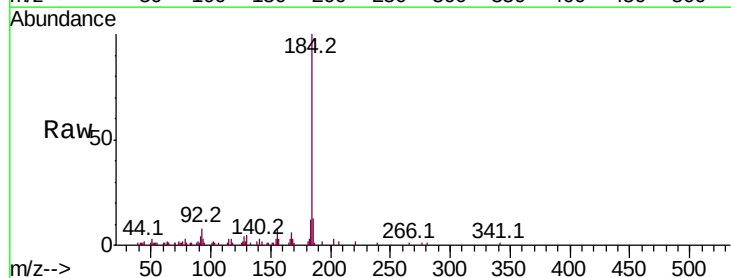
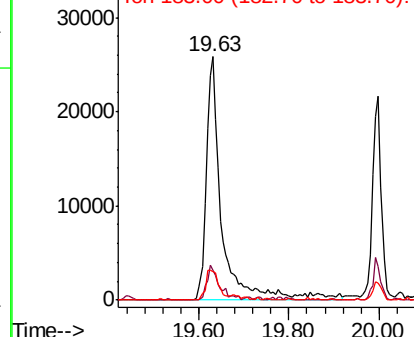
Tgt Ion	Ratio	Lower	Upper
184	100		
185	12.5	11.1	16.7
183	11.6	10.6	16.0

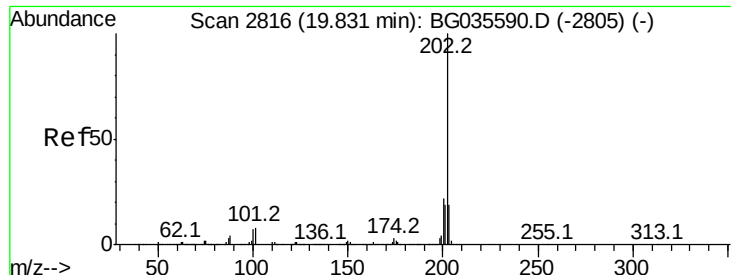
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





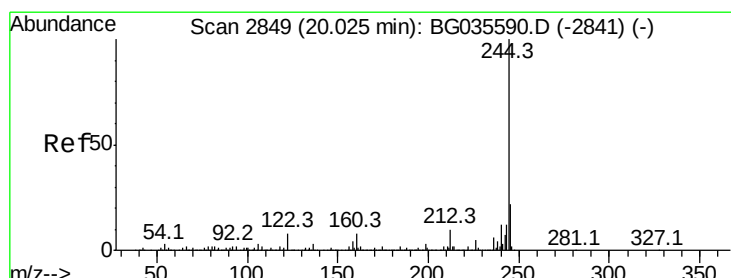
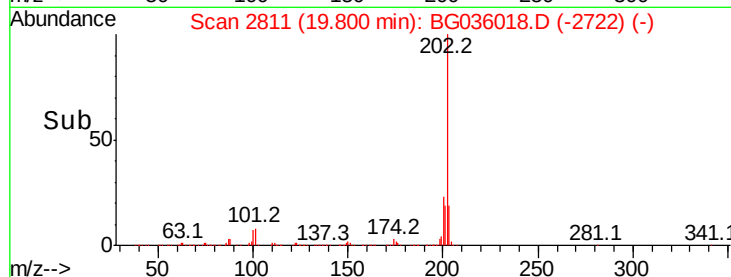
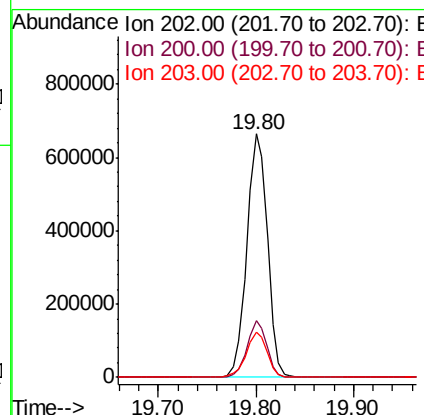
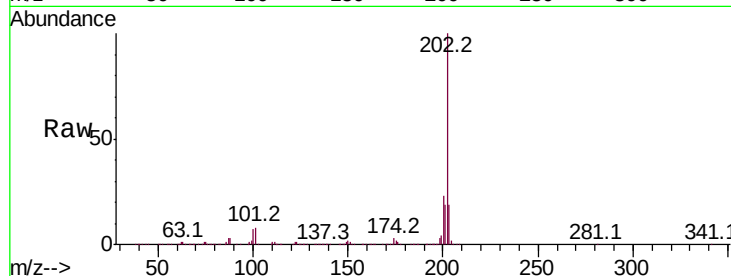
#77
Pvrene
Concen: 46.615 ng
RT: 19.80 min Scan# 2811
Delta R.T. -0.01 min
Lab File: BG036018.D
Acq: 1 Aug 2018 1:56

Instrument :
BNA_G
ClientSampleId :
SU-03-072718MSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	23.1	16.9	25.3
203	18.6	13.9	20.9

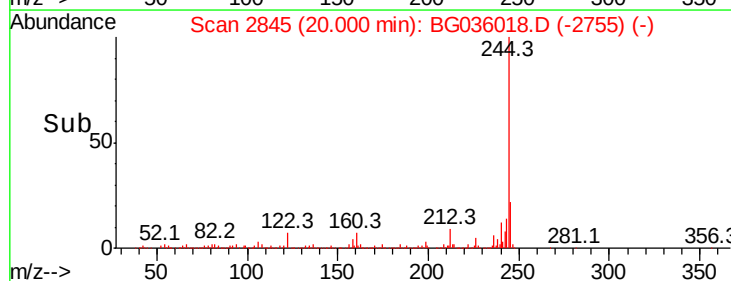
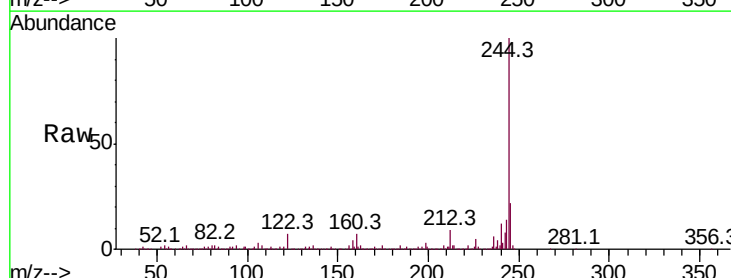
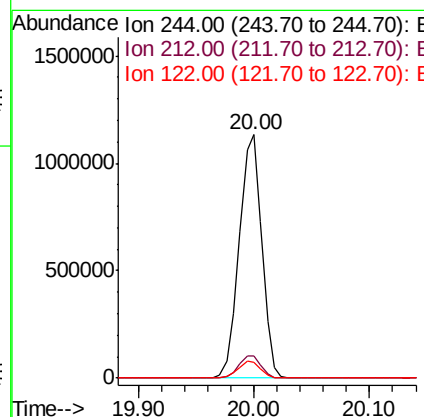
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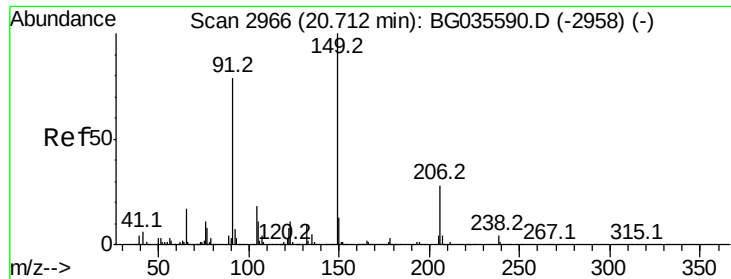
Sohil
8/1/2018 5:09:00 PM



#78
Terphenyl-d14
Concen: 102.257 ng
RT: 20.00 min Scan# 2845
Delta R.T. -0.00 min
Lab File: BG036018.D
Acq: 1 Aug 2018 1:56

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	8.9	5.8	8.8#
122	6.6	7.0	10.4#





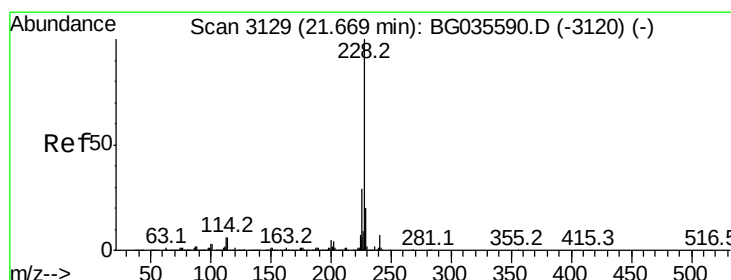
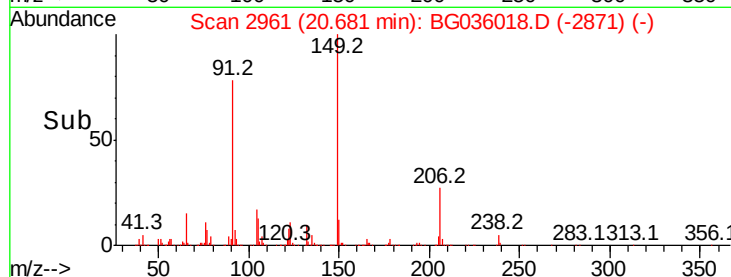
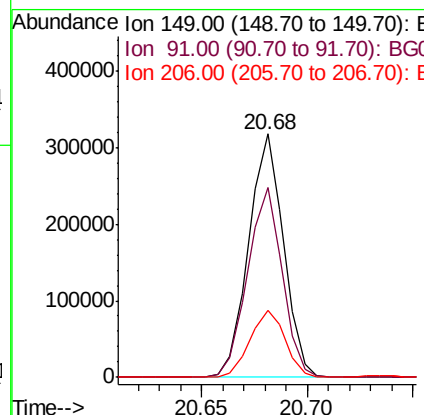
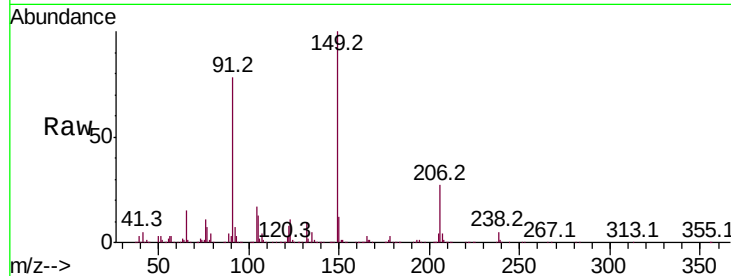
#79
Butylbenzylphthalate
Concen: 48.660 ng
RT: 20.68 min Scan# 2961
Delta R.T. -0.00 min
Lab File: BG036018.D
Acq: 1 Aug 2018 1:56

Instrument :
BNA_G
ClientSampleId :
SU-03-072718MSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	78.1	62.2	93.2
206	27.4	18.6	27.8

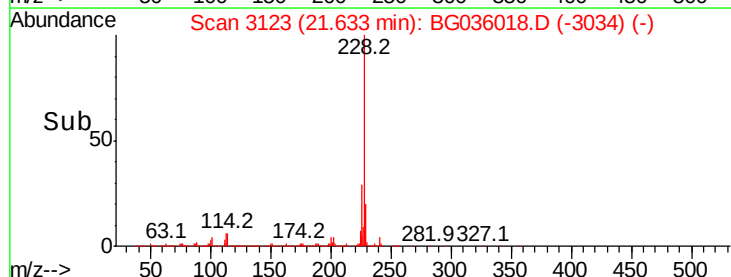
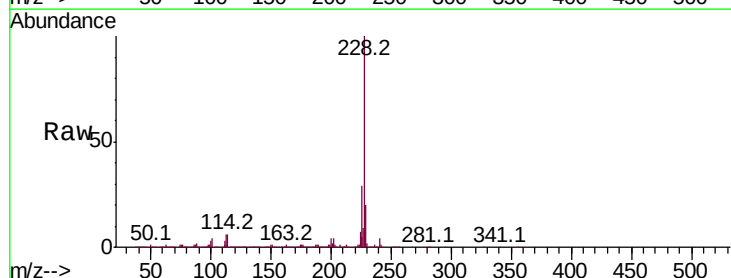
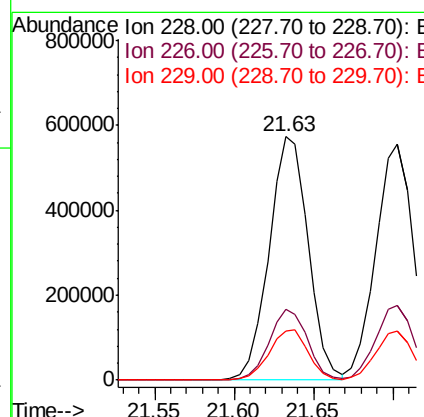
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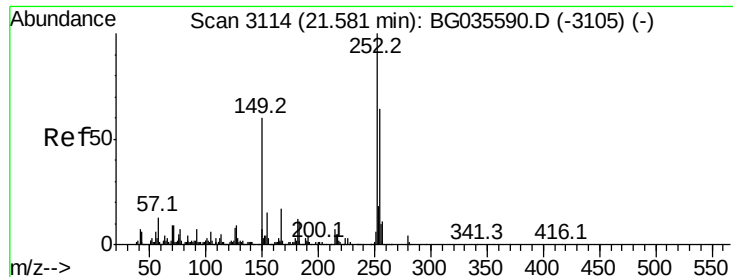
Sohil
8/1/2018 5:09:00 PM



#80
Benzo(a)anthracene
Concen: 47.598 ng
RT: 21.63 min Scan# 3123
Delta R.T. -0.01 min
Lab File: BG036018.D
Acq: 1 Aug 2018 1:56

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.7	34.1
229	20.4	16.2	24.2





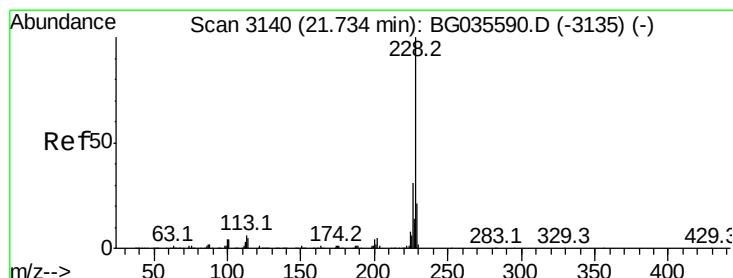
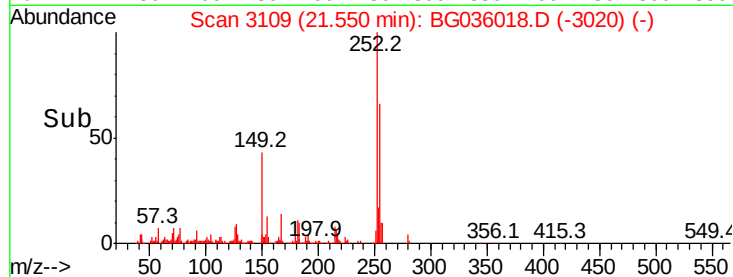
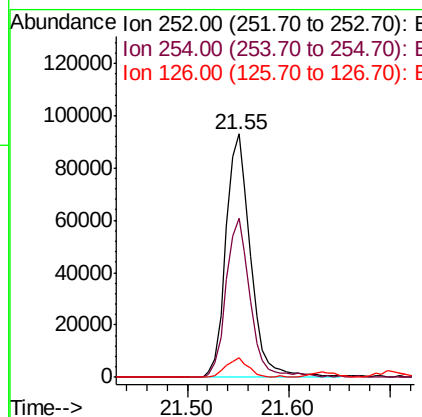
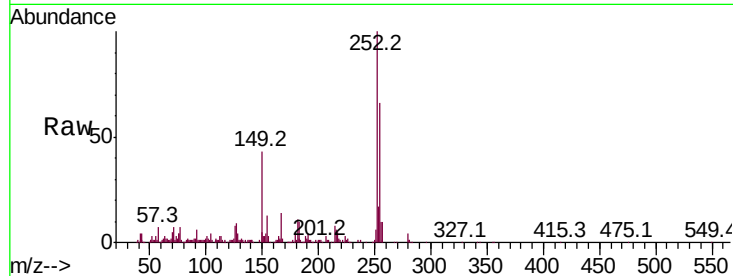
#81
 3,3'-Dichlorobenzidine
 Concen: 21.871 ng
 RT: 21.55 min Scan# 3109
 Delta R.T. -0.01 min
 Lab File: BG036018.D
 Acq: 1 Aug 2018 1:56

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-072718MSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	156937		
254	65.5	50.8	76.2	
126	7.8	7.4	11.2	

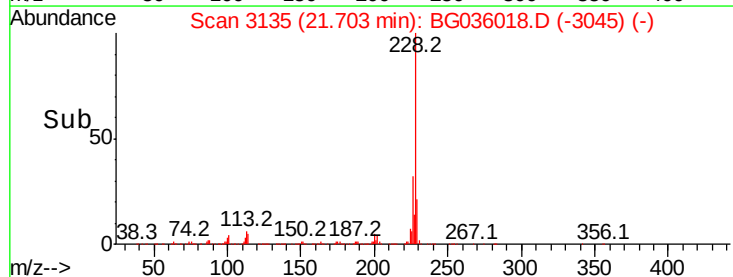
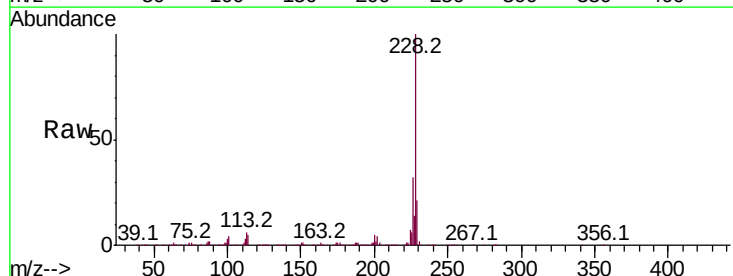
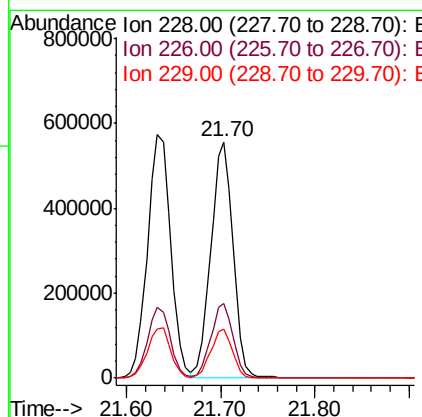
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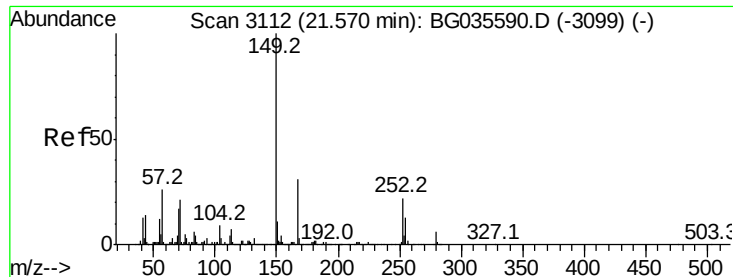
Sohil
 8/1/2018 5:09:00 PM



#82
 Chrysene
 Concen: 48.360 ng
 RT: 21.70 min Scan# 3135
 Delta R.T. -0.00 min
 Lab File: BG036018.D
 Acq: 1 Aug 2018 1:56

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	922252		
226	31.6	24.9	37.3	
229	20.5	15.0	22.4	





#83

Bis(2-ethylhexyl)phthalate

Concen: 50.341 ng

RT: 21.53 min Scan# 3106

Delta R.T. -0.01 min

Lab File: BG036018.D

Acq: 1 Aug 2018 1:56

Instrument :

BNA_G

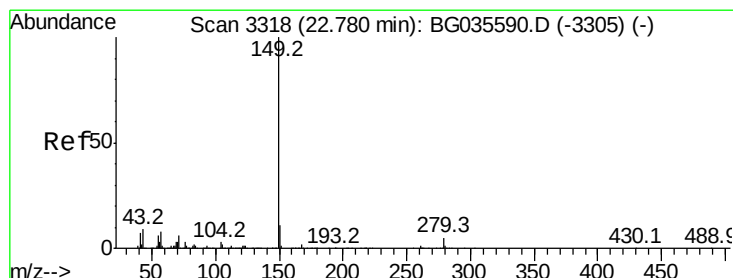
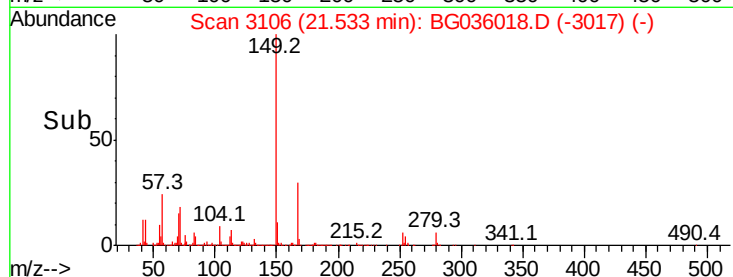
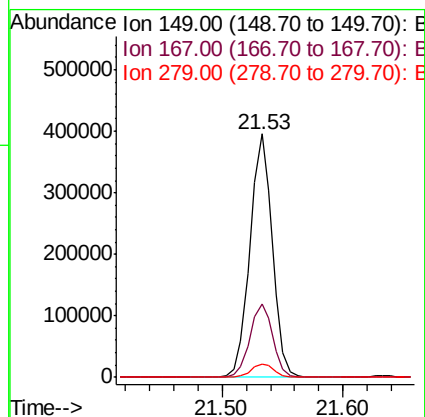
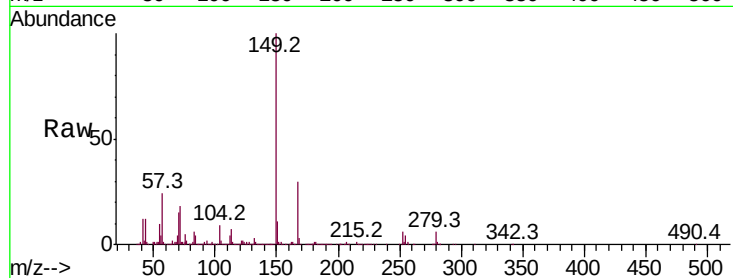
ClientSampleId :

SU-03-072718MSD

Tot Ion:	149	Resp:	511049
Ion Ratio	Lower	Upper	
149	100		
167	30.4	24.3	36.5
279	5.5	4.0	6.0

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 50.596 ng

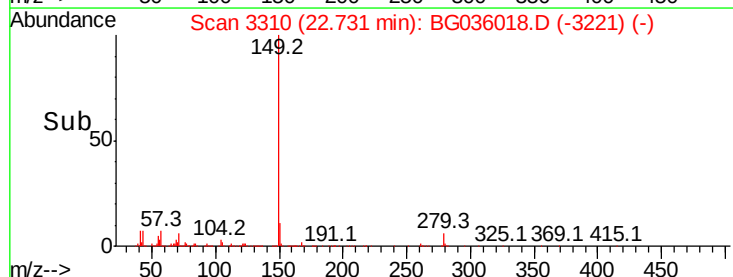
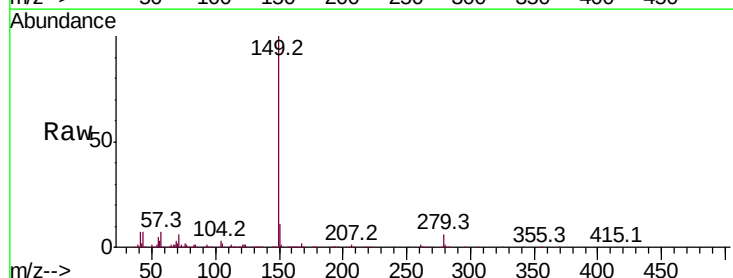
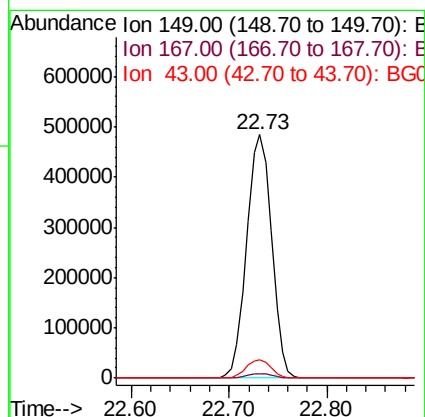
RT: 22.73 min Scan# 3310

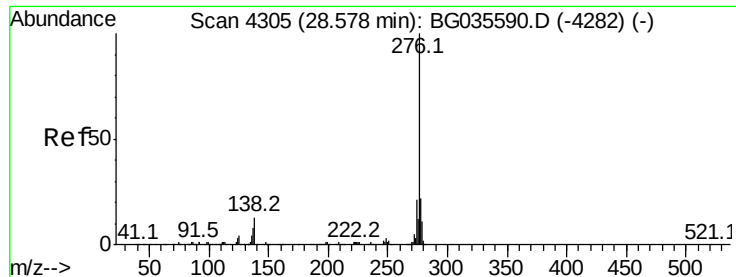
Delta R.T. -0.01 min

Lab File: BG036018.D

Acq: 1 Aug 2018 1:56

Tgt Ion:	149	Resp:	860013
Ion Ratio	Lower	Upper	
149	100		
167	1.9	1.4	2.0
43	7.6	8.9	13.3#





#85

Indeno(1,2,3-cd)pyrene

Concen: 49.522 ng

RT: 28.49 min Scan# 4291

Delta R.T. -0.01 min

Lab File: BG036018.D

Acq: 1 Aug 2018 1:56

Instrument :

BNA_G

ClientSampleId :

SU-03-072718MSD

Tot Ion:276 Resp: 1045596

Ion Ratio Lower Upper

276 100

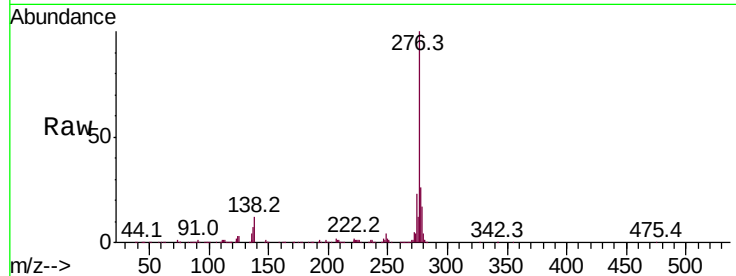
138 14.0 16.0 24.0#

277 26.3 20.0 30.0

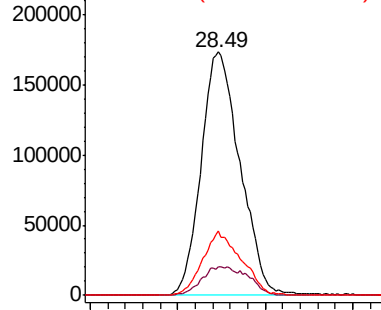
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Sohil

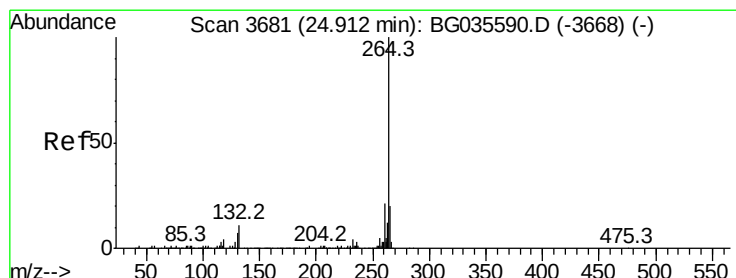
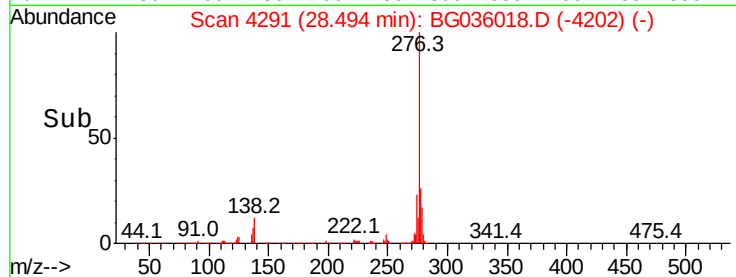
8/1/2018 5:09:00 PM



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



Time--> 28.20 28.40 28.60 28.80



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.85 min Scan# 3670

Delta R.T. -0.01 min

Lab File: BG036018.D

Acq: 1 Aug 2018 1:56

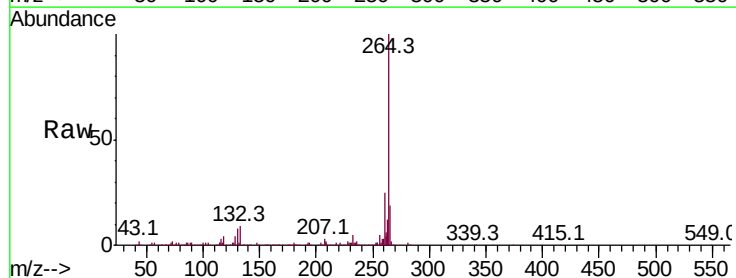
Tgt Ion:264 Resp: 314621

Ion Ratio Lower Upper

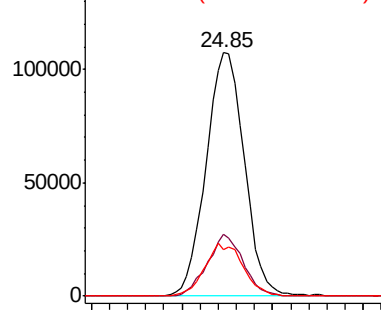
264 100

260 25.3 17.4 26.0

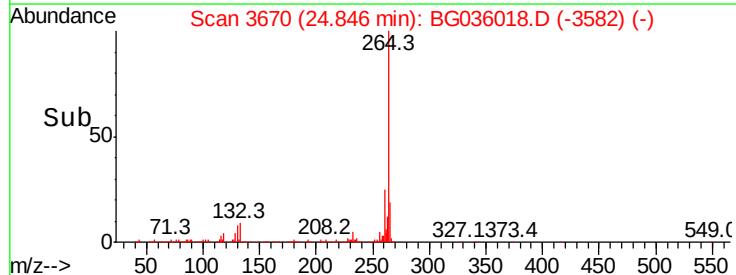
265 19.3 17.7 26.5

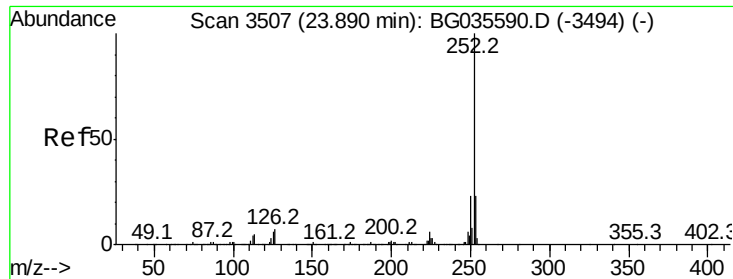


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



Time--> 24.70 24.80 24.90





#87

Benzo(b)fluoranthene

Concen: 49.532 ng

RT: 23.84 min Scan# 3498

Delta R.T. -0.01 min

Lab File: BG036018.D

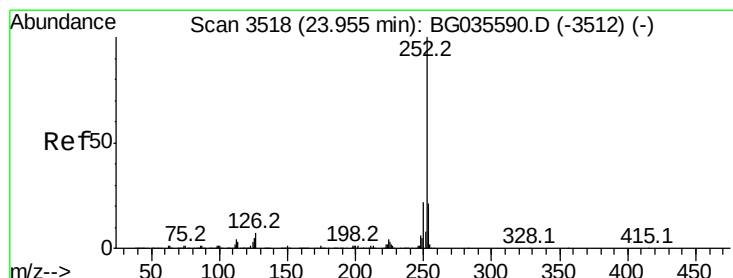
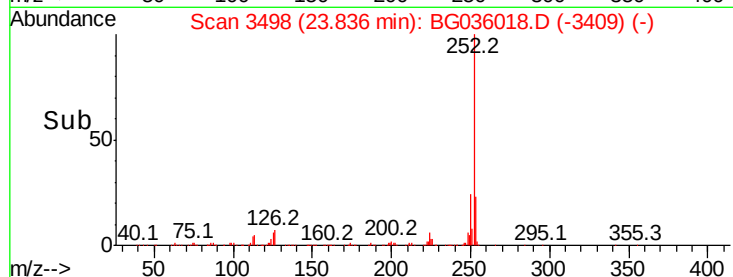
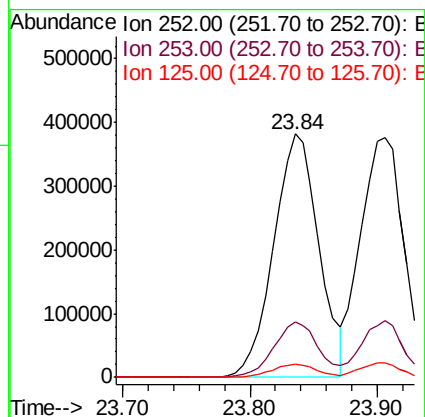
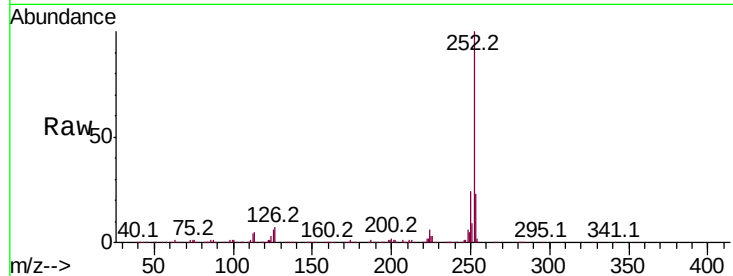
Acq: 1 Aug 2018 1:56

Instrument :
BNA_G
ClientSampleId :
SU-03-072718MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.4
125	5.6	7.2	10.8

Manual Integrations
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8/1/2018 5:09:00 PM



#88

Benzo(k)fluoranthene

Concen: 47.829 ng

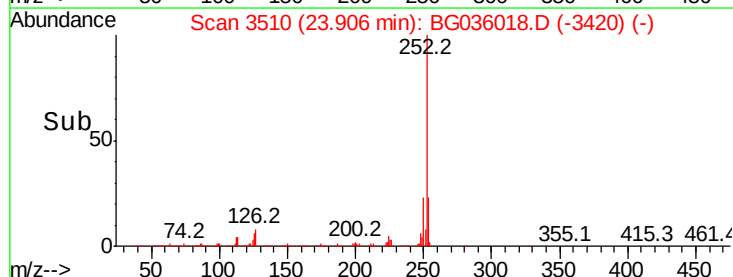
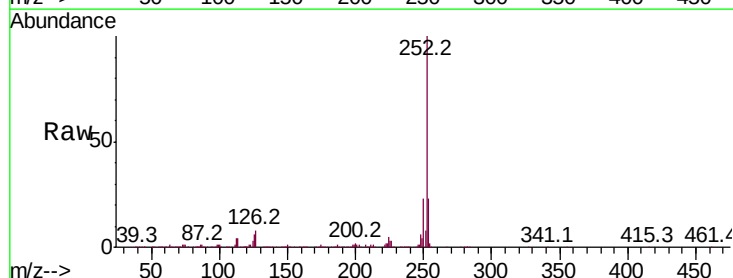
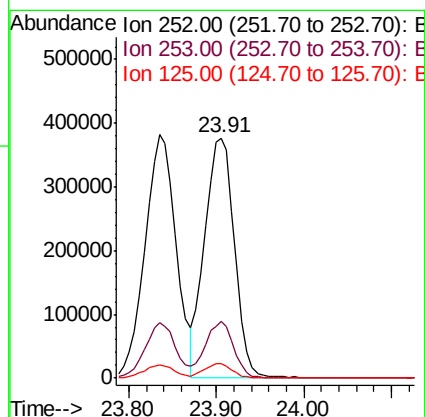
RT: 23.91 min Scan# 3510

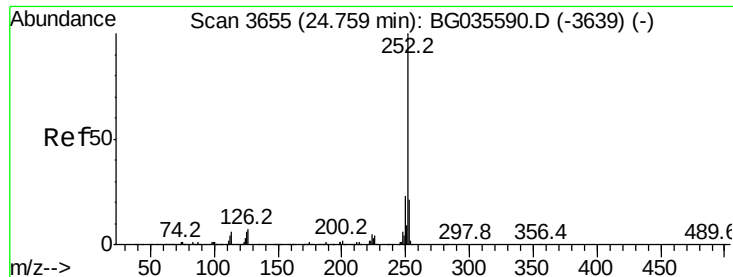
Delta R.T. -0.00 min

Lab File: BG036018.D

Acq: 1 Aug 2018 1:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.4	26.2
125	6.0	6.6	9.8





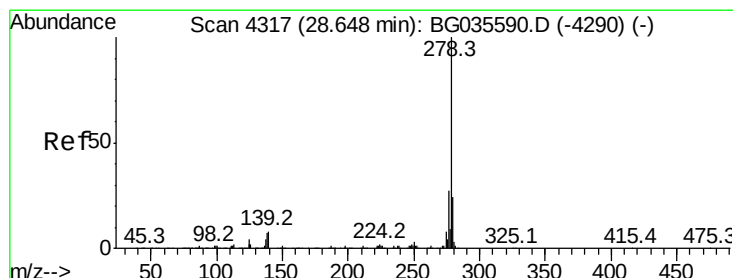
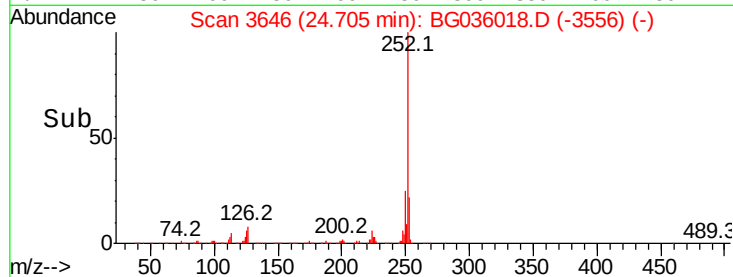
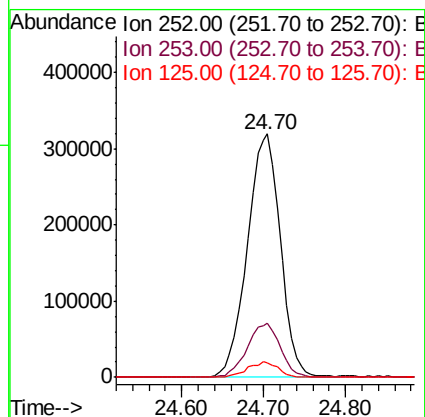
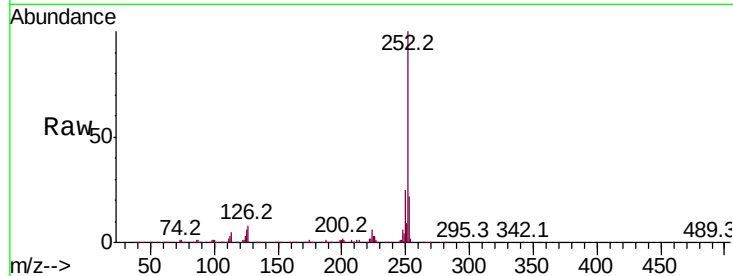
#89
Benzo(a)pyrene
Concen: 50.404 ng
RT: 24.70 min Scan# 3646
Delta R.T. -0.00 min
Lab File: BG036018.D
Acq: 1 Aug 2018 1:56

Instrument :
BNA_G
ClientSampleId :
SU-03-072718MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	22.5	18.3	27.5
125	5.7	7.3	10.9

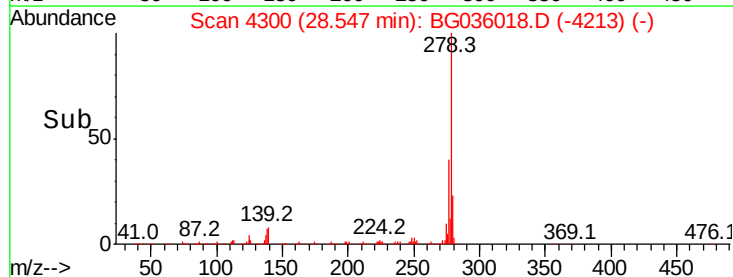
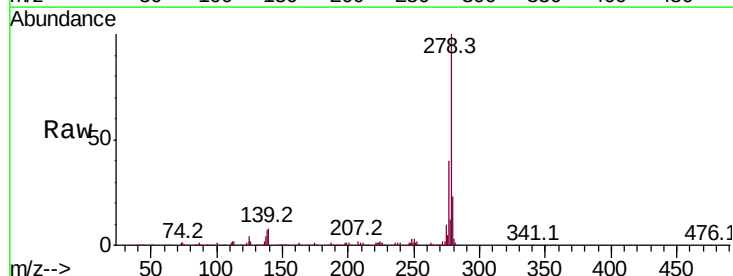
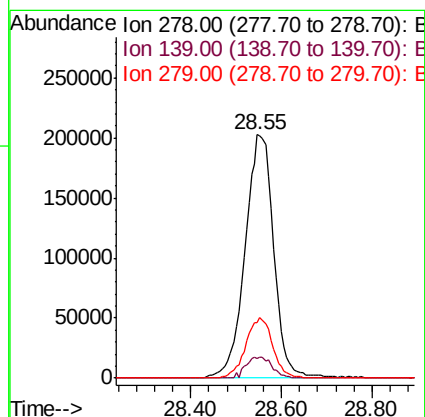
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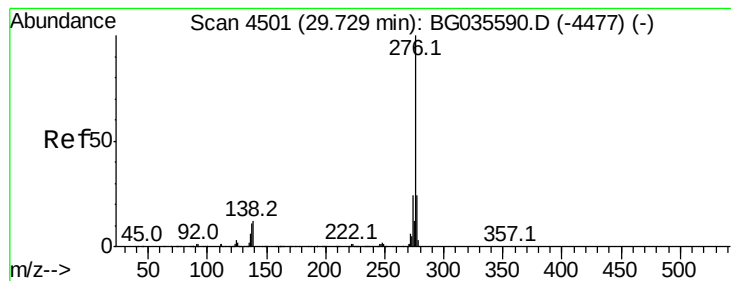
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 50.694 ng
RT: 28.55 min Scan# 4300
Delta R.T. -0.02 min
Lab File: BG036018.D
Acq: 1 Aug 2018 1:56

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	8.1	9.8	14.6
279	22.7	18.4	27.6





#91

Benzo(a,h,i)perylene

Concen: 50.645 ng

RT: 29.64 min Scan# 4486

Delta R.T. 0.00 min

Lab File: BG036018.D

Acq: 1 Aug 2018 1:56

Instrument :

BNA_G

ClientSampleId :

SU-03-072718MSD

Tot Ion:	276	Resp:	865562
Ion Ratio		Lower	Upper
276	100		
277	23.9	18.3	27.5
138	12.9	13.9	20.9

Manual Integrations
APPROVED

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8/1/2018 5:09:00 PM

