

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073118\
 Data File : BG036017.D
 Acq On : 1 Aug 2018 1:17
 Operator : JU/SJ
 Sample : J3831-04MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-072718MS

Manual Integrations
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Sohil
 8/1/2018 5:08:57 PM

Quant Time: Aug 01 11:13:37 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	38879	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	141057	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	105098	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	290865	20.00	ng	0.00
75) Chrysene-d12	21.65	240	313108	20.00	ng	0.00
86) Perylene-d12	24.85	264	304044	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	301399	128.71	ng	0.00
7) Phenol-d6	7.20	99	405566	116.08	ng	0.00
23) Nitrobenzene-d5	9.19	82	331268	98.11	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	235683	170.14	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	733275	93.47	ng	0.00
78) Terphenyl-d14	20.00	244	1442290	101.54	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	36604	30.711	ng	# 81
3) Pyridine	3.93	79	82679	26.572	ng	# 79
4) n-Nitrosodimethylamine	3.83	42	47436	35.505	ng	# 86
6) Aniline	7.35	93	68305	15.083	ng	94
8) 2-Chlorophenol	7.60	128	108266	45.457	ng	91
9) Benzaldehyde	7.16	77	39825	18.577	ng	88
10) Phenol	7.22	94	136277	38.607	ng	93
11) bis(2-Chloroethyl)ether	7.44	93	112895	40.839	ng	89
12) 1,3-Dichlorobenzene	7.91	146	123801	43.044	ng	96
13) 1,4-Dichlorobenzene	8.06	146	125516	42.951	ng	96
14) 1,2-Dichlorobenzene	8.38	146	122185	43.523	ng	99
15) Benzyl Alcohol	8.27	79	127704	40.250	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.55	45	131481	56.731	ng	78
17) 2-Methylphenol	8.47	107	105988	44.162	ng	# 92
18) Hexachloroethane	9.10	117	47754	42.739	ng	94
19) n-Nitroso-di-n-propylamine	8.82	70	107658	36.591	ng	# 83
20) 3+4-Methylphenols	8.79	107	146909	44.125	ng	95
22) Acetophenone	8.85	105	198258	45.198	ng	# 91
24) Nitrobenzene	9.23	77	157265	46.311	ng	96
25) Isophorone	9.75	82	316715	50.528	ng	98
26) 2-Nitrophenol	9.94	139	66607	55.228	ng	# 93
27) 2,4-Dimethylphenol	10.00	122	115647	56.648	ng	90
28) bis(2-Chloroethoxy)methane	10.23	93	165330	47.868	ng	98
29) 2,4-Dichlorophenol	10.48	162	133224	57.168	ng	92
30) 1,2,4-Trichlorobenzene	10.69	180	143110	50.081	ng	96
31) Naphthalene	10.87	128	357977	48.719	ng	98
32) Benzoic acid	10.15	122	18448m	13.424	ng	
33) 4-Chloroaniline	11.01	127	12949	4.043	ng	# 89
34) Hexachlorobutadiene	11.16	225	107888	48.418	ng	97
35) Caprolactam	11.77	113	33321m	33.319	ng	
36) 4-Chloro-3-methylphenol	12.11	107	167361	53.579	ng	93
37) 2-Methylnaphthalene	12.48	142	281430	51.410	ng	96
39) 1,2,4,5-Tetrachlorobenzene	12.84	216	189667	47.814	ng	98
40) Hexachlorocyclopentadiene	12.82	237	230106	110.610	ng	92

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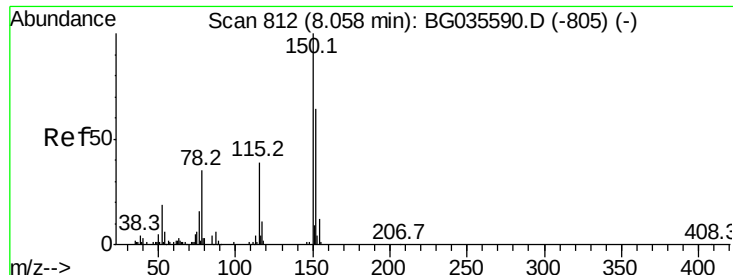
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 8/1/2018 5:08:57 PM

Quant Time: Aug 01 11:13:37 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	13.08	196	126581	54.566	nq	98
43) 2,4,5-Trichlorophenol	13.17	196	138504	53.371	nq	99
45) 1,1'-Biphenyl	13.48	154	389733	47.831	nq	97
46) 2-Chloronaphthalene	13.52	162	312174	49.254	nq	96
47) 2-Nitroaniline	13.73	65	111867	49.925	nq	97
48) Acenaphthylene	14.37	152	518869	48.872	nq	99
49) Dimethylphthalate	14.11	163	445952	48.430	nq	99
50) 2,6-Dinitrotoluene	14.22	165	103052	54.957	nq	92
51) Acenaphthene	14.71	154	305981	46.265	nq	98
52) 3-Nitroaniline	14.56	138	33192	17.319	nq #	94
53) 2,4-Dinitrophenol	14.76	184	53542	57.540	nq #	64
54) Dibenzofuran	15.05	168	519541	49.394	nq	93
55) 4-Nitrophenol	14.87	139	114819	84.125	nq #	84
56) 2,4-Dinitrotoluene	15.01	165	151648	56.372	nq	91
57) Fluorene	15.69	166	437826	49.664	nq	95
58) 2,3,4,6-Tetrachlorophenol	15.27	232	142866	57.418	nq	94
59) Diethylphthalate	15.46	149	453915	47.940	nq	98
60) 4-Chlorophenyl-phenylether	15.69	204	256993	49.599	nq	96
61) 4-Nitroaniline	15.72	138	94927	47.351	nq #	86
62) Azobenzene	15.97	77	456756	48.906	nq	94
64) 4,6-Dinitro-2-methylphenol	15.77	198	63368	39.137	nq	85
65) n-Nitrosodiphenylamine	15.90	169	393409	47.518	nq	97
66) 4-Bromophenyl-phenylether	16.58	248	171235	50.743	nq	97
67) Hexachlorobenzene	16.70	284	175543	50.514	nq	94
68) Atrazine	16.85	200	170299	49.959	nq	95
69) Pentachlorophenol	17.05	266	159618	75.410	nq	99
70) Phenanthrene	17.44	178	725779	50.007	nq	99
71) Anthracene	17.52	178	730761	50.566	nq	99
72) Carbazole	17.79	167	660994	48.162	nq	99
73) Di-n-butylphthalate	18.35	149	758297	46.755	nq #	98
74) Fluoranthene	19.44	202	939674	48.066	nq	96
76) Benzidine	19.63	184	66120m	8.032	nq	
77) Pyrene	19.80	202	946031	47.784	nq	97
79) Butylbenzylphthalate	20.68	149	357599	50.509	nq	96
80) Benzo(a)anthracene	21.64	228	974232	49.930	nq	99
81) 3,3'-Dichlorobenzidine	21.55	252	173426	25.491	nq	97
82) Chrysene	21.70	228	911508	50.412	nq	97
83) Bis(2-ethylhexyl)phthalate	21.54	149	501175	52.069	nq #	98
84) Di-n-octyl phthalate	22.73	149	858196	53.251	nq #	92
85) Indeno(1,2,3-cd)pyrene	28.50	276	1047989	52.351	nq #	93
87) Benzo(b)fluoranthene	23.84	252	925772	50.097	nq #	97
88) Benzo(k)fluoranthene	23.91	252	913504	50.563	nq #	97
89) Benzo(a)pyrene	24.70	252	906463	52.726	nq #	96
90) Dibenzo(a,h)anthracene	28.56	278	872604	51.700	nq #	95
91) Benzo(g,h,i)perylene	29.63	276	869516	52.646	nq #	94

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



#1

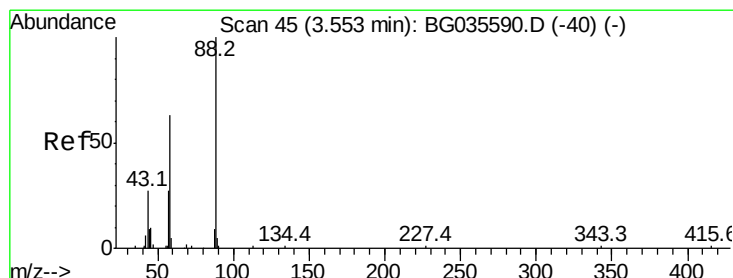
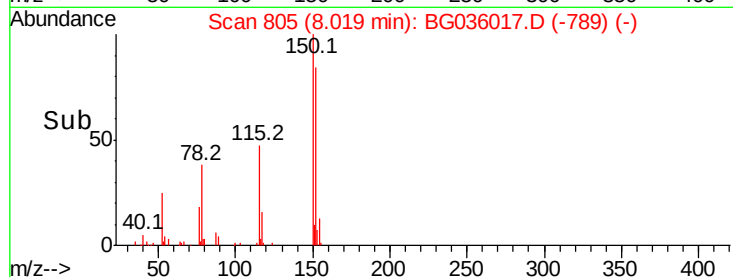
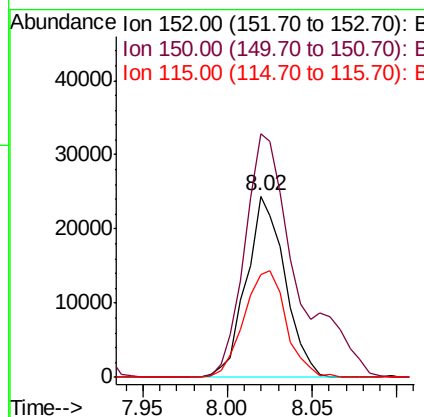
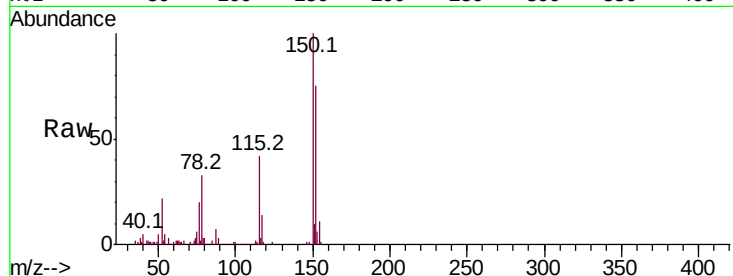
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 805
Delta R.T. -0.00 min
Lab File: BG036017.D
Acq: 1 Aug 2018 1:17

Instrument :
BNA_G
ClientSampleId :
SU-03-072718MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	134.1	126.6	189.8
115	56.3	53.0	79.4

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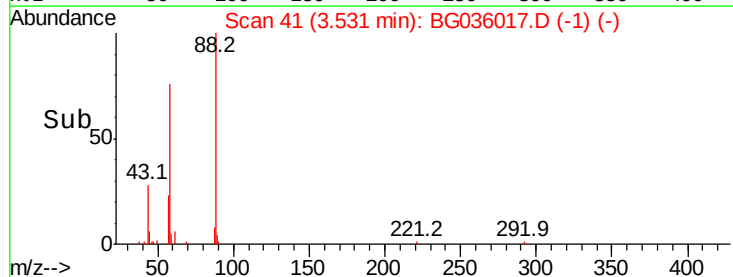
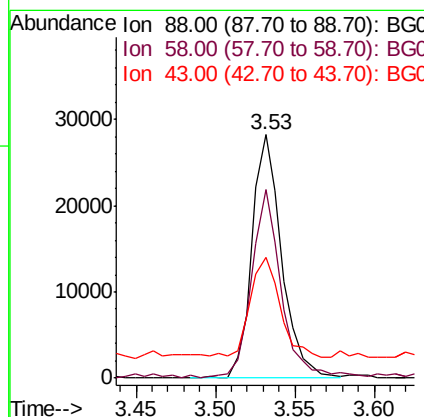
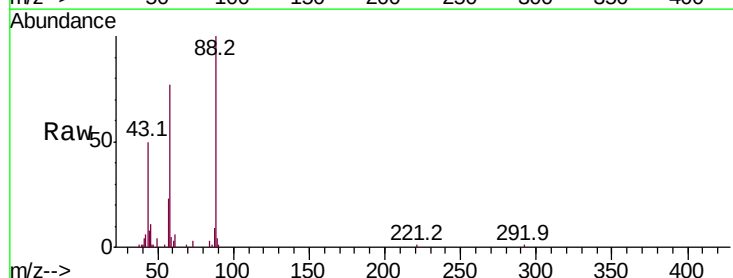
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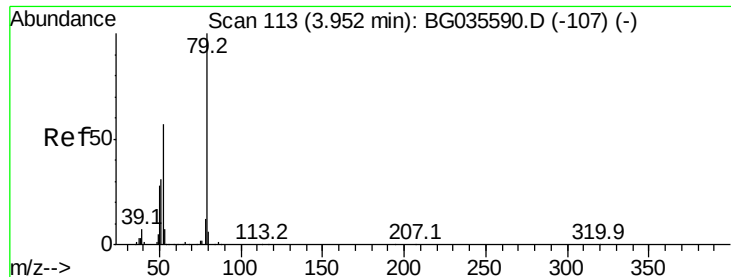


#2

1,4-Dioxane
Concen: 30.711 ng
RT: 3.53 min Scan# 41
Delta R.T. 0.01 min
Lab File: BG036017.D
Acq: 1 Aug 2018 1:17

Tgt Ion	Ratio	Lower	Upper
88	100		
58	77.9	79.6	119.4#
43	41.0	27.4	41.0





#3

Pvridine

Concen: 26.572 ng

RT: 3.93 min Scan# 109

Delta R.T. 0.01 min

Lab File: BG036017.D

Acq: 1 Aug 2018 1:17

Instrument :

BNA_G

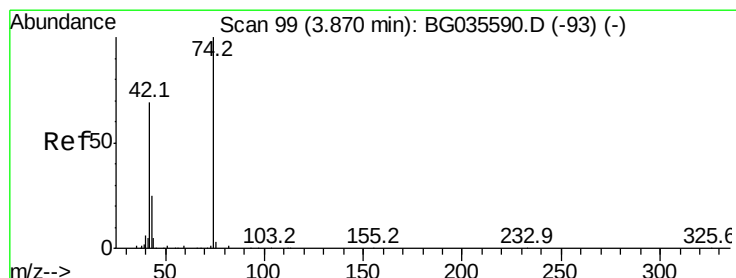
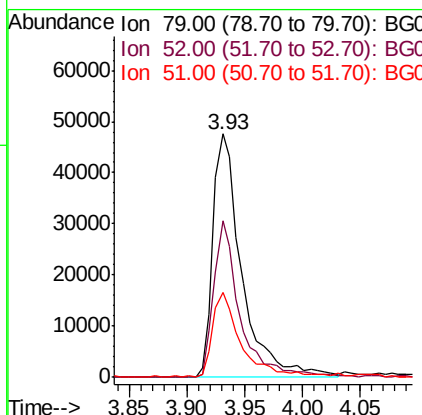
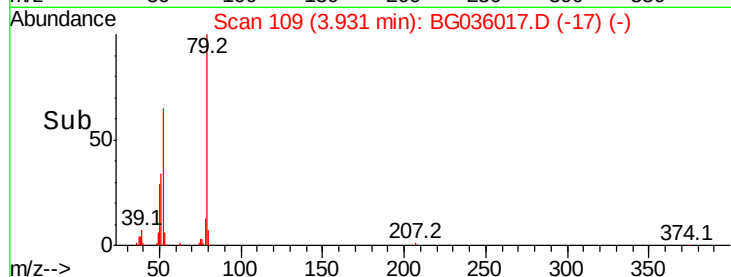
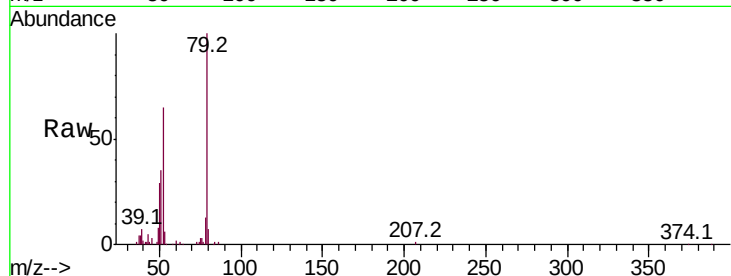
ClientSampleId :

SU-03-072718MS

Tot Ion:	79	Resp:	82679
Ion Ratio	Lower	Upper	
79	100		
52	64.6	69.9	104.9#
51	34.7	34.0	51.0

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#4

n-Nitrosodimethylamine

Concen: 35.505 ng

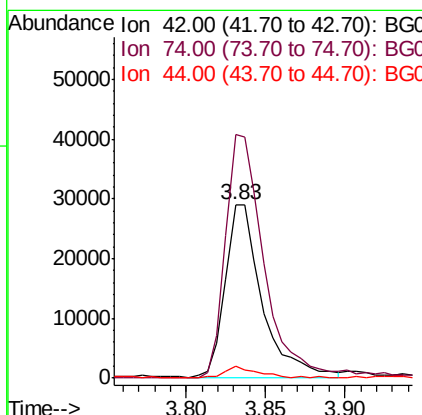
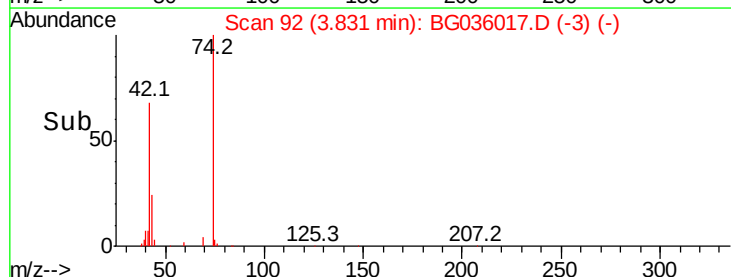
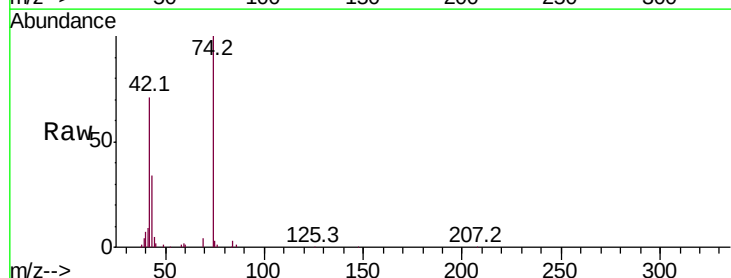
RT: 3.83 min Scan# 92

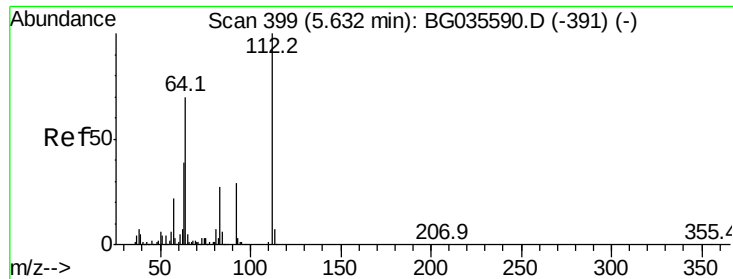
Delta R.T. -0.00 min

Lab File: BG036017.D

Acq: 1 Aug 2018 1:17

Tgt Ion:	42	Resp:	47436
Ion Ratio	Lower	Upper	
42	100		
74	140.2	102.5	153.7
44	7.0	18.9	28.3#





#5

2-Fluorophenol

Concen: 128.705 ng

RT: 5.61 min Scan# 394

Delta R.T. 0.00 min

Lab File: BG036017.D

Acq: 1 Aug 2018 1:17

Instrument :

BNA_G

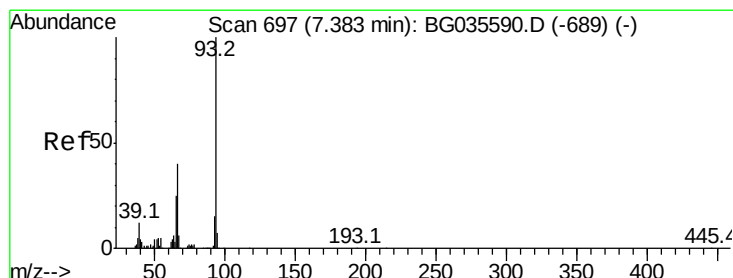
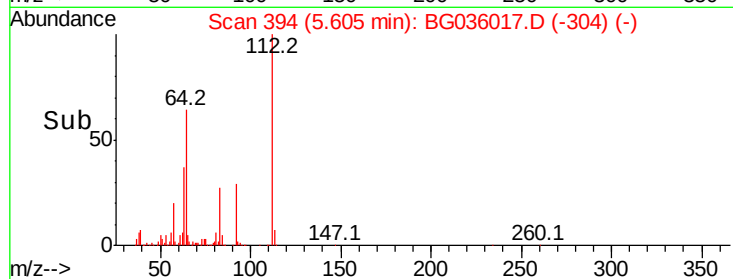
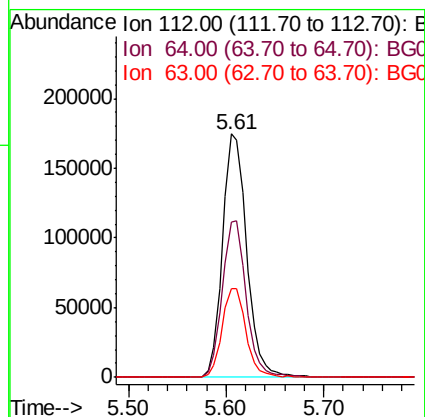
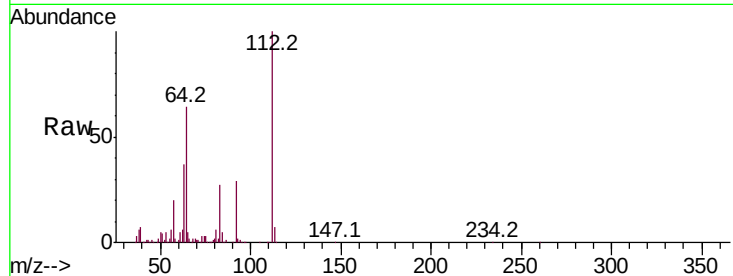
ClientSampleId :

SU-03-072718MS

Tot Ion	Ratio	Resp	Lower	Upper
112	100	301399		
64	63.7	56.3	84.5	
63	36.7	30.1	45.1	

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#6

Aniline

Concen: 15.083 ng

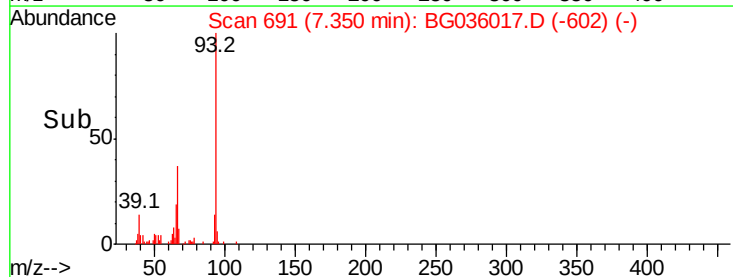
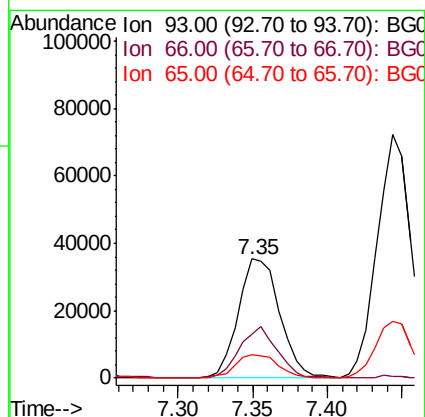
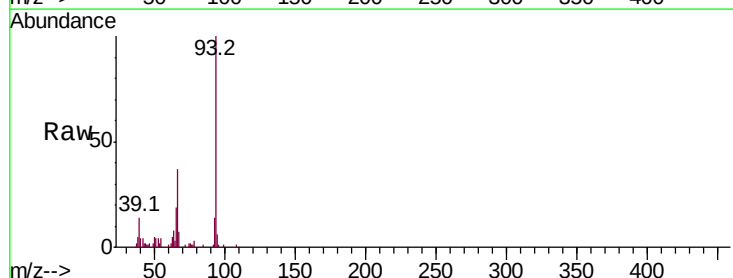
RT: 7.35 min Scan# 691

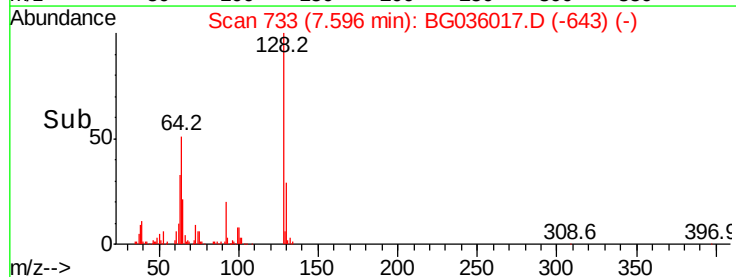
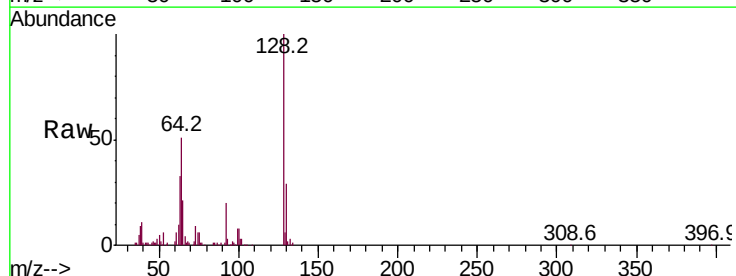
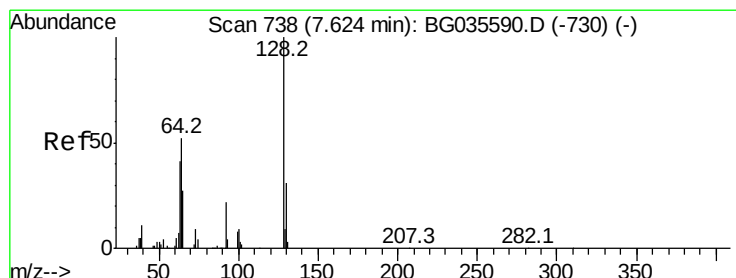
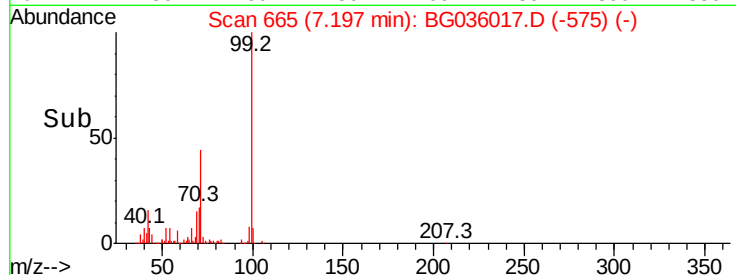
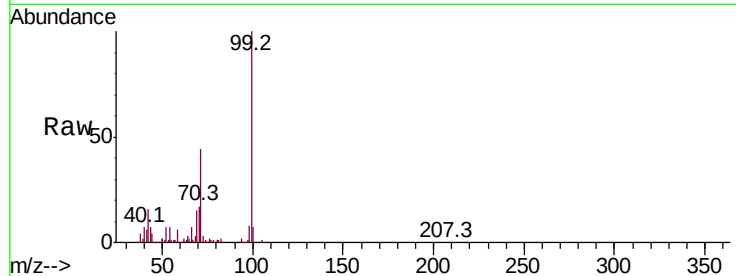
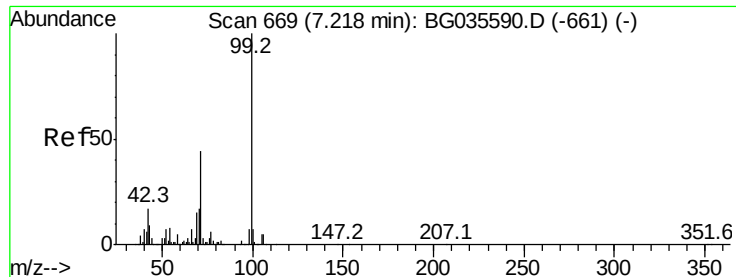
Delta R.T. -0.00 min

Lab File: BG036017.D

Acq: 1 Aug 2018 1:17

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	68305		
66	37.1	33.7	50.5	
65	19.3	16.1	24.1	





#7

Phenol-d6

Concen: 116.078 ng

RT: 7.20 min Scan# 665

Delta R.T. 0.00 min

Lab File: BG036017.D

Acq: 1 Aug 2018 1:17

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		405566		
42	16.0	14.1	21.1		
71	44.0	26.1	39.1		

Instrument :

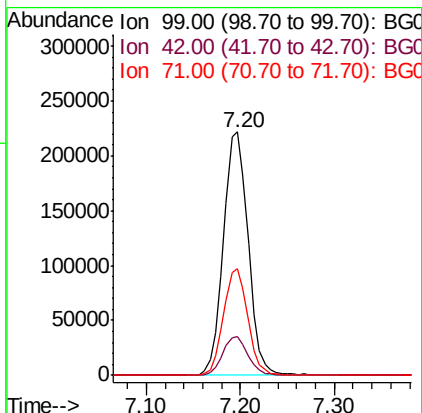
BNA_G

ClientSampleId :

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#8

2-Chlorophenol

Concen: 45.457 ng

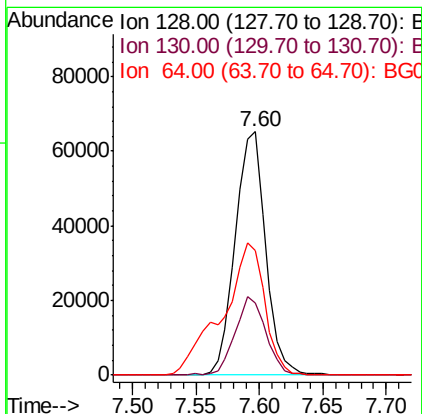
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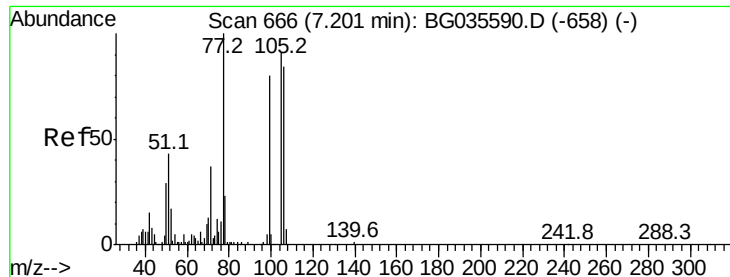
Delta R.T. 0.00 min

Lab File: BG036017.D

Acq: 1 Aug 2018 1:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		108266		
130	29.5	14.0	54.0		
64	51.0	37.7	77.7		





#9

Benzaldehyde

Concen: 18.577 ng

RT: 7.16 min Scan# 659

Delta R.T. -0.00 min

Lab File: BG036017.D

Acq: 1 Aug 2018 1:17

Instrument :

BNA_G

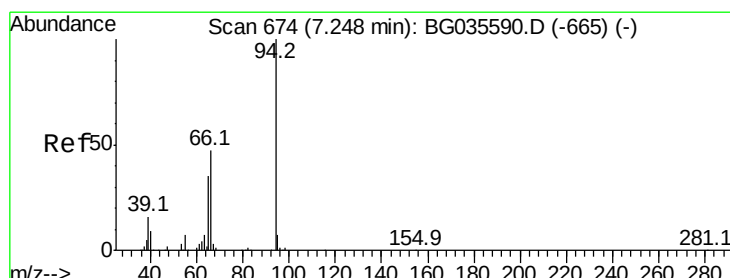
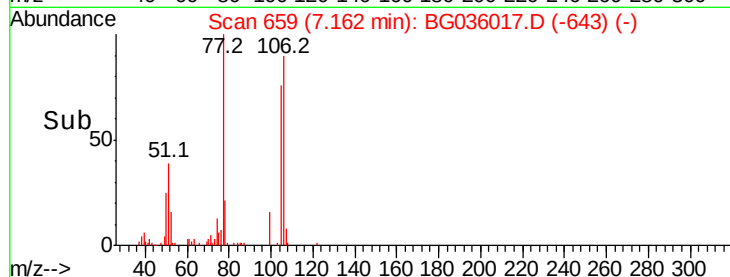
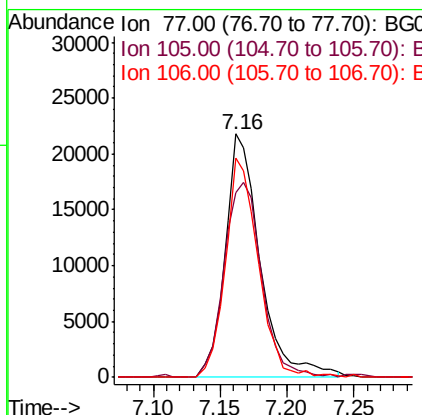
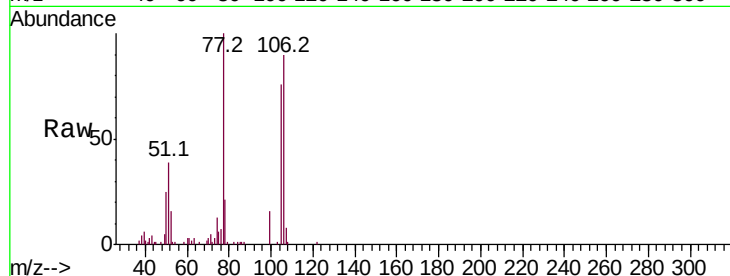
ClientSampleId :

SU-03-072718MS

Tot Ion:	77	Resp:	39825
Ion	Ratio	Lower	Upper
77	100		
105	75.7	71.3	111.3
106	89.8	64.2	104.2

Manual Integrations
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#10

Phenol

Concen: 38.607 ng

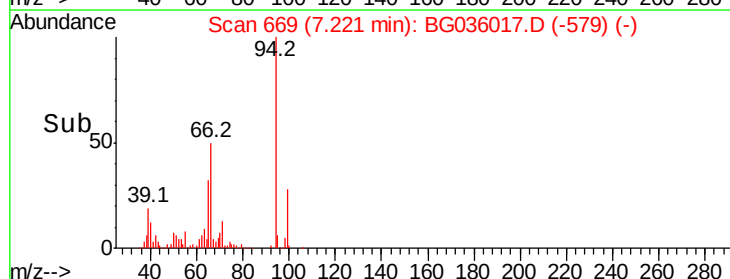
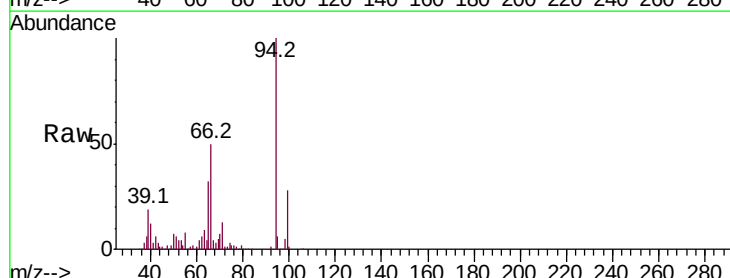
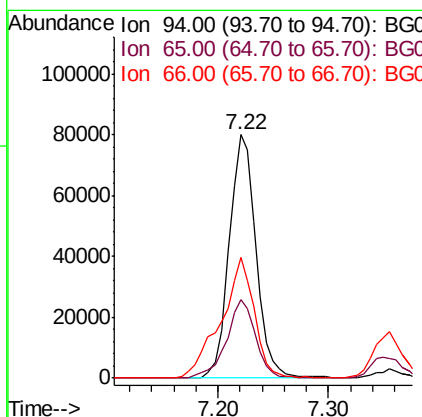
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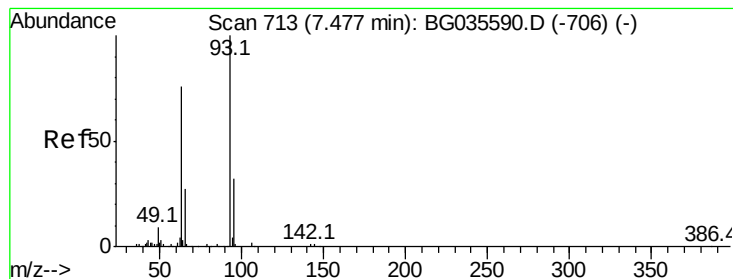
Delta R.T. 0.00 min

Lab File: BG036017.D

Acq: 1 Aug 2018 1:17

Tgt Ion:	94	Resp:	136277
Ion	Ratio	Lower	Upper
94	100		
65	32.4	11.9	51.9
66	49.6	22.2	62.2





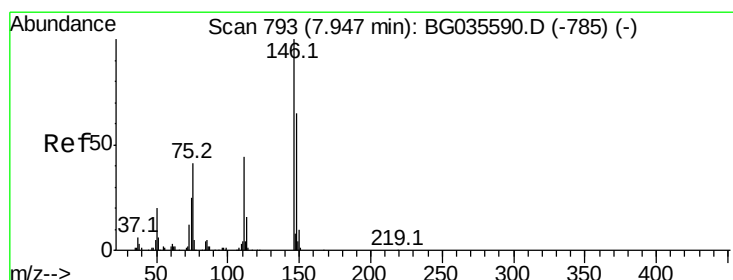
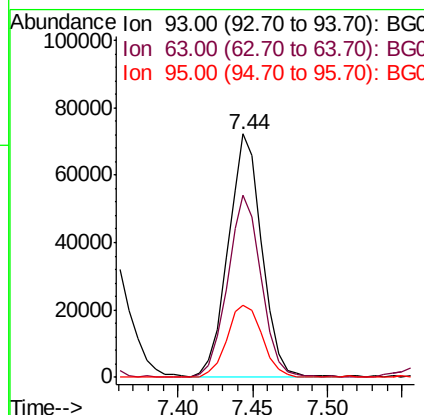
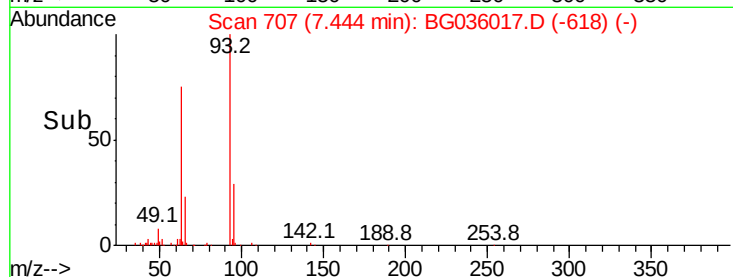
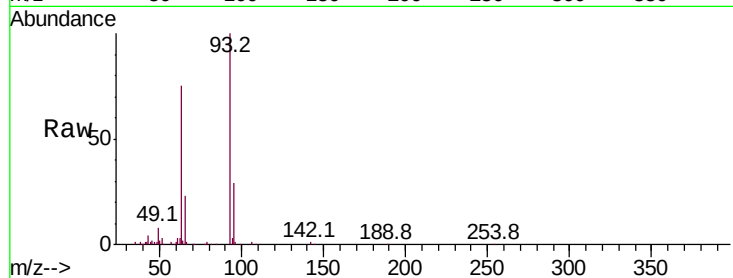
#11
bis(2-Chloroethyl)ether
Concen: 40.839 ng
RT: 7.44 min Scan# 707
Delta R.T. -0.00 min
Lab File: BG036017.D
Acq: 1 Aug 2018 1:17

Instrument :
BNA_G
ClientSampleId :
SU-03-072718MS

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	75.0	67.1	107.1	
95	29.4	11.5	51.5	

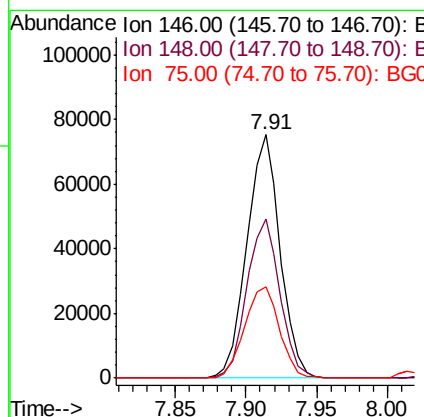
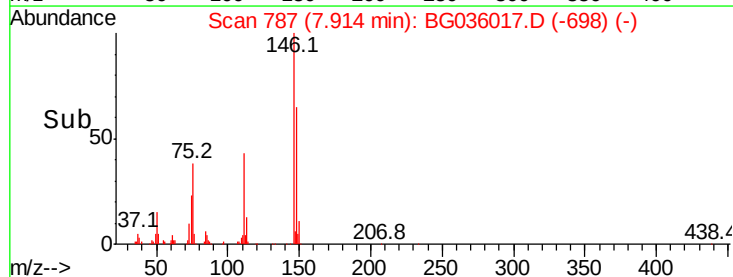
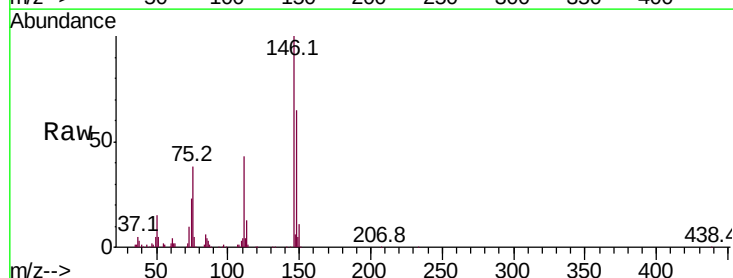
Manual Integrations
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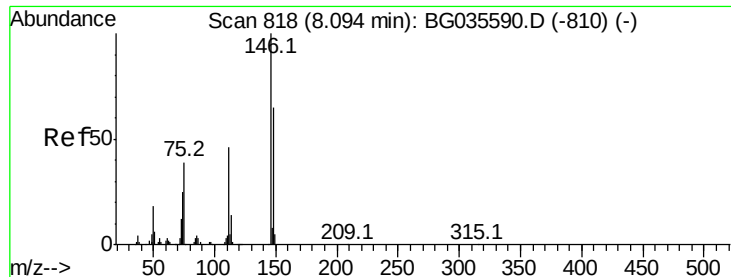
Sohil
8/1/2018 5:08:57 PM



#12
1,3-Dichlorobenzene
Concen: 43.044 ng
RT: 7.91 min Scan# 787
Delta R.T. -0.00 min
Lab File: BG036017.D
Acq: 1 Aug 2018 1:17

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	65.4	51.4	77.2	
75	37.6	26.6	39.8	





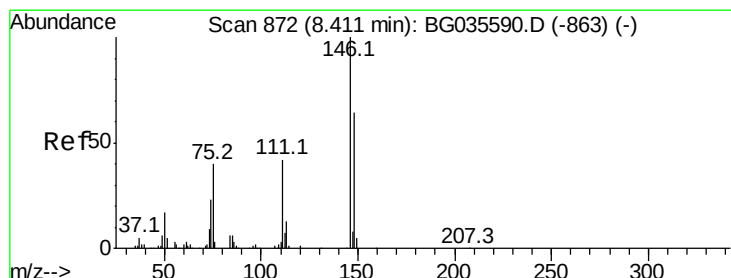
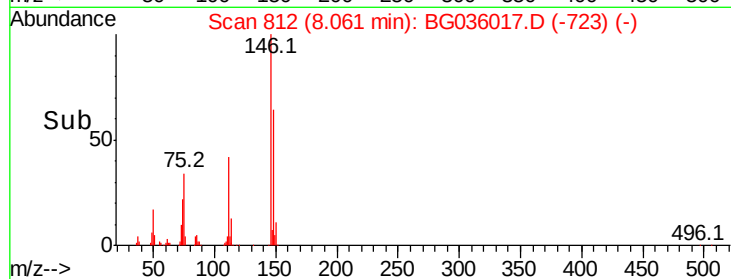
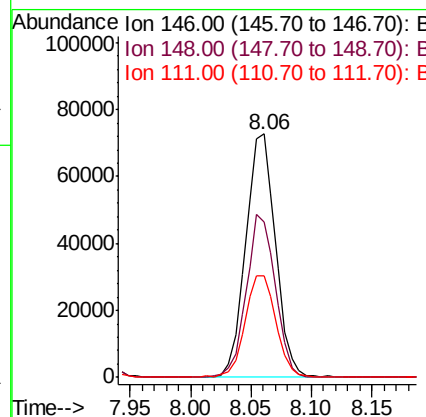
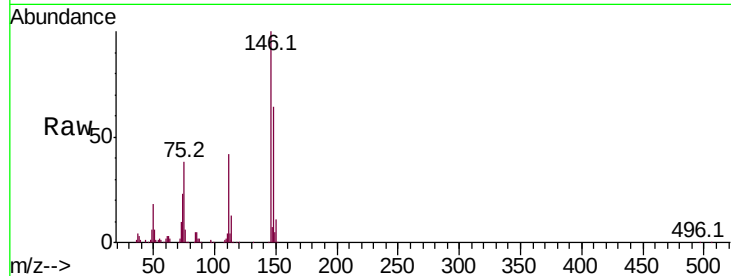
#13
1,4-Dichlorobenzene
Concen: 42.951 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.00 min
Lab File: BG036017.D
Acq: 1 Aug 2018 1:17

Instrument :
BNA_G
ClientSampleId :
SU-03-072718MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.6	53.7	80.5
111	41.7	35.2	52.8

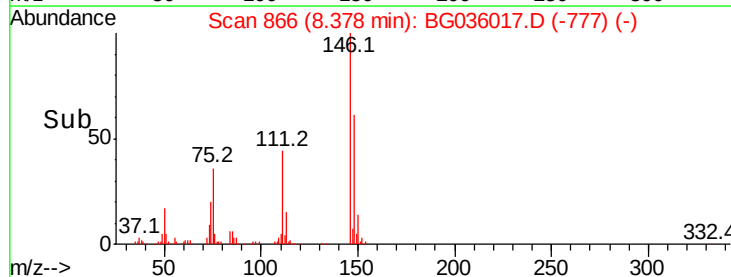
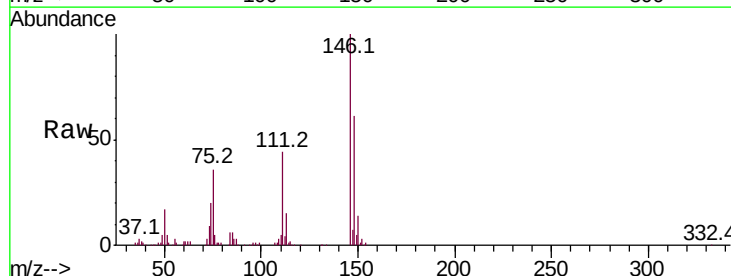
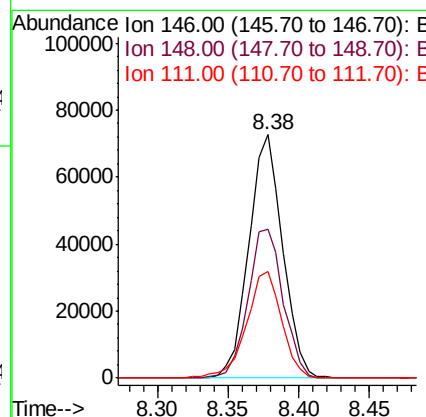
Manual Integrations
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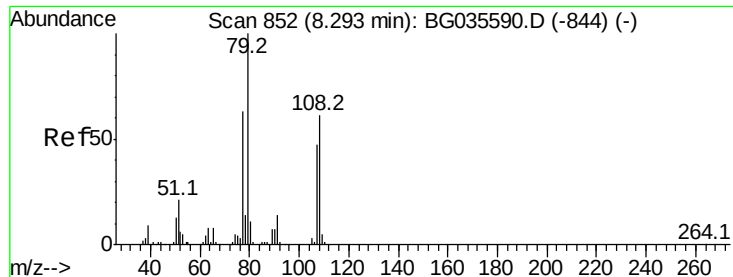
Sohil
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#14
1,2-Dichlorobenzene
Concen: 43.523 ng
RT: 8.38 min Scan# 866
Delta R.T. -0.00 min
Lab File: BG036017.D
Acq: 1 Aug 2018 1:17

Tgt Ion	Ratio	Lower	Upper
146	100		
148	60.9	49.3	73.9
111	43.9	34.3	51.5





#15

Benzyl Alcohol

Concen: 40.250 ng

RT: 8.27 min Scan# 847

Delta R.T. 0.00 min

Lab File: BG036017.D

Acq: 1 Aug 2018 1:17

Instrument :

BNA_G

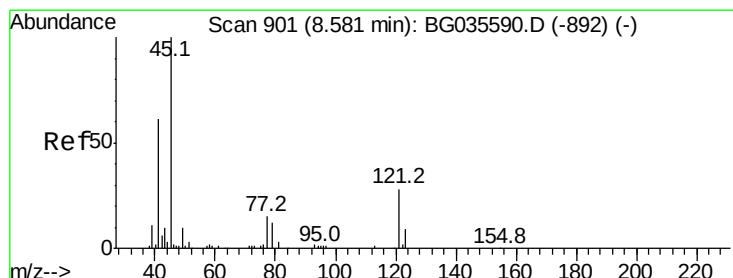
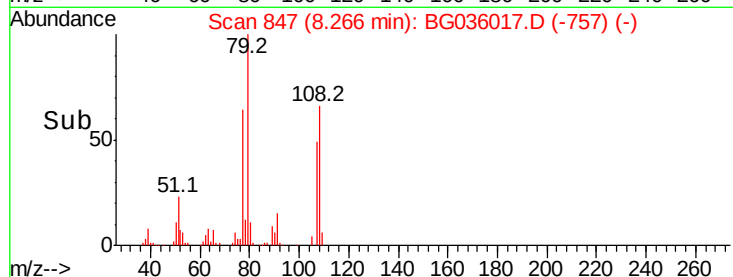
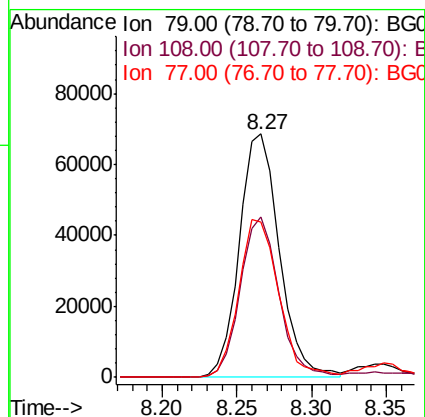
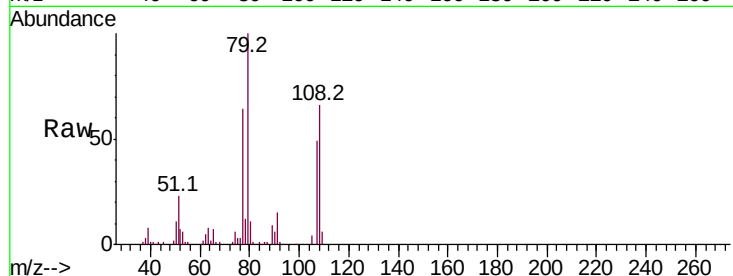
ClientSampleId :

SU-03-072718MS

Tot Ion:	79	Resp:	127704
Ion Ratio	Lower	Upper	
79	100		
108	65.7	57.2	85.8
77	63.9	46.1	69.1

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 56.731 ng

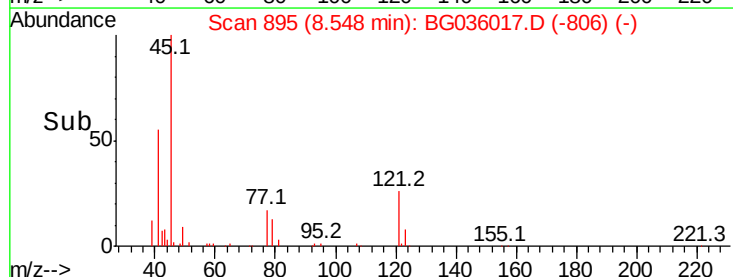
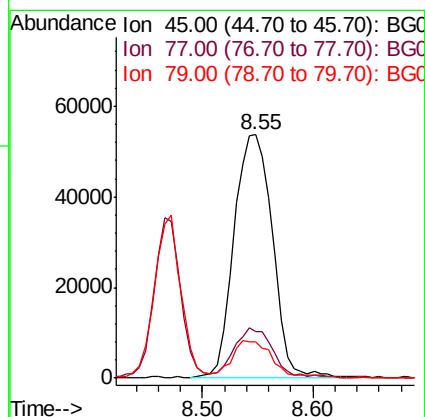
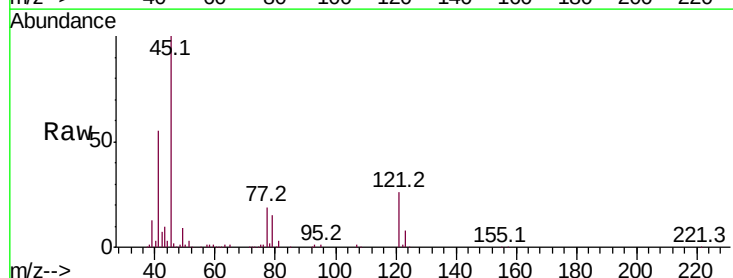
RT: 8.55 min Scan# 895

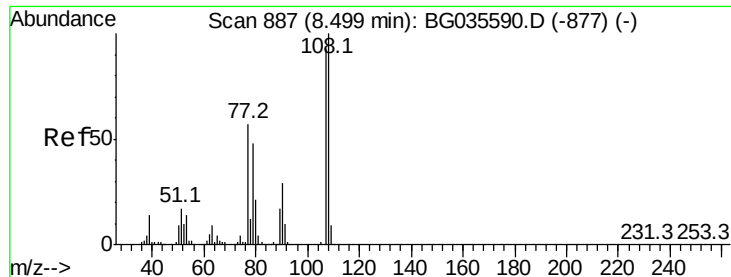
Delta R.T. -0.00 min

Lab File: BG036017.D

Acq: 1 Aug 2018 1:17

Tgt Ion:	45	Resp:	131481
Ion Ratio	Lower	Upper	
45	100		
77	19.0	0.0	30.2
79	15.0	0.0	27.9





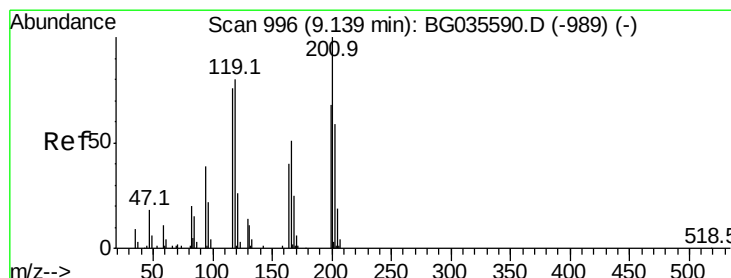
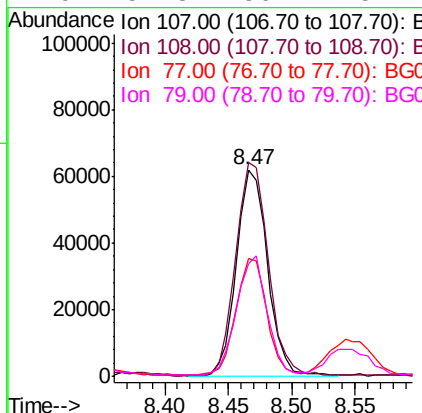
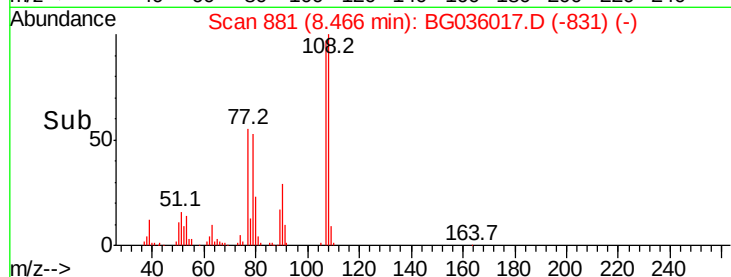
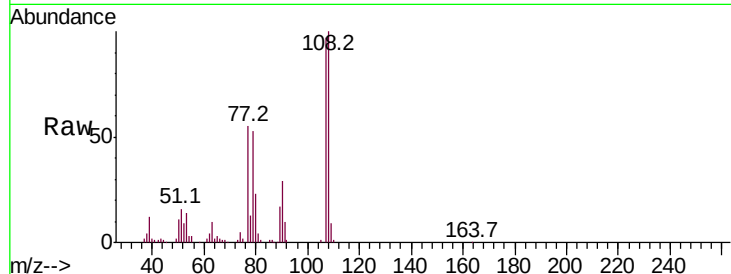
#17
2-Methylphenol
Concen: 44.162 ng
RT: 8.47 min Scan# 881
Delta R.T. -0.00 min
Lab File: BG036017.D
Acq: 1 Aug 2018 1:17

Instrument :
BNA_G
ClientSampleId :
SU-03-072718MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	103.4	83.9	125.9	
77	57.0	37.2	55.8	
79	54.8	36.2	54.2	

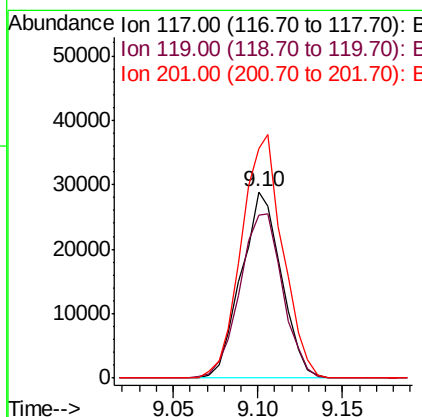
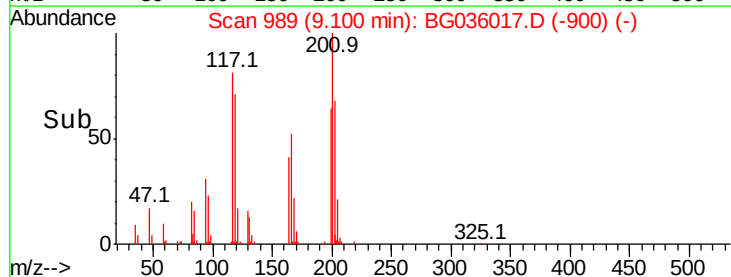
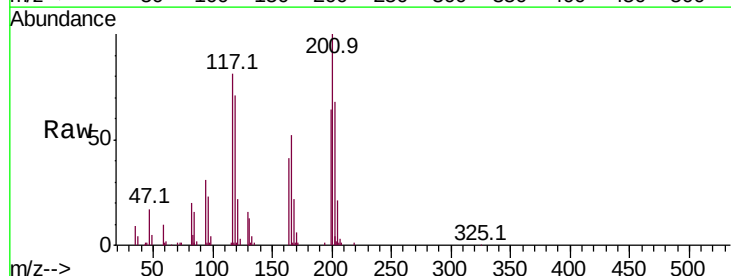
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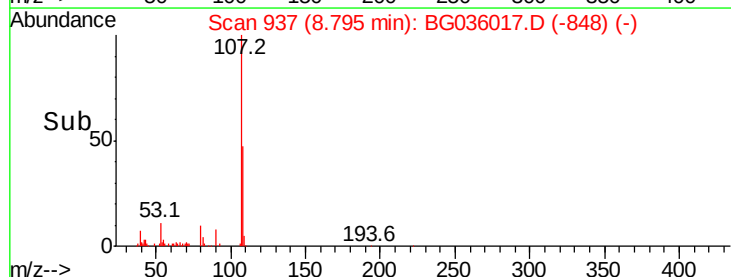
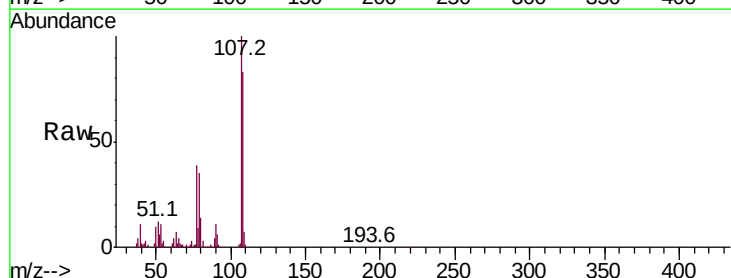
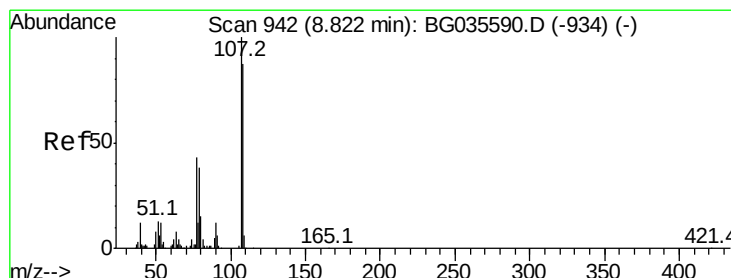
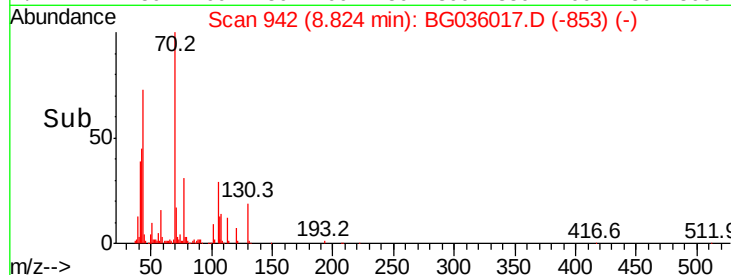
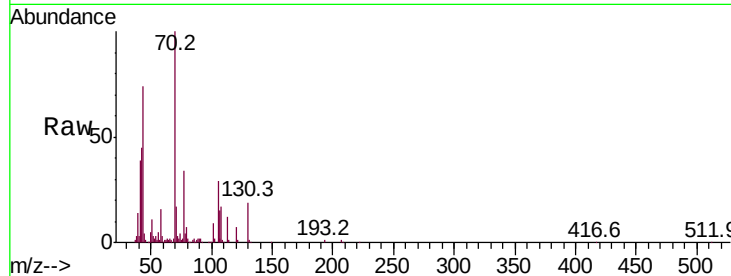
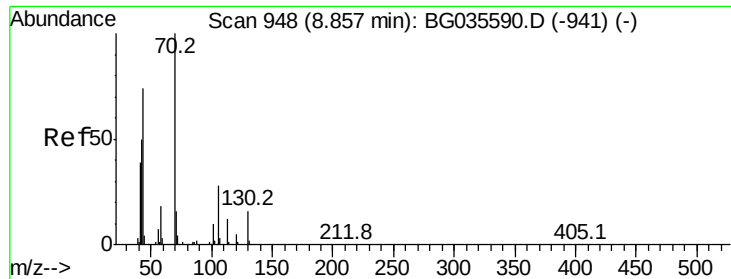
Sohil
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#18
Hexachloroethane
Concen: 42.739 ng
RT: 9.10 min Scan# 989
Delta R.T. -0.00 min
Lab File: BG036017.D
Acq: 1 Aug 2018 1:17

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	87.2	76.7	115.1	
201	123.0	95.7	143.5	





#19

n-Nitroso-di-n-propylamine

Concen: 36.591 ng

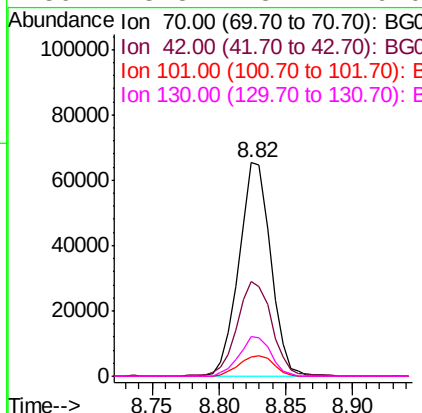
RT: 8.82 min Scan# 942

Delta R.T. -0.00 min

Lab File: BG036017.D

Acq: 1 Aug 2018 1:17

Tot Ion	Ratio	Resp Lower	Upper
70	100		
42	44.6	49.1	73.7#
101	8.7	8.5	12.7
130	18.8	13.4	20.0



Instrument :
BNA_G
ClientSampleId :
SU-03-072718MS

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#20

3+4-Methylphenols

Concen: 44.125 ng

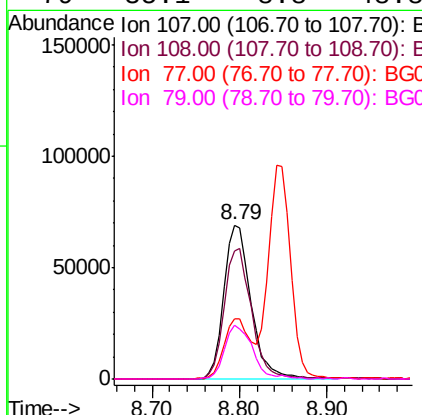
RT: 8.79 min Scan# 937

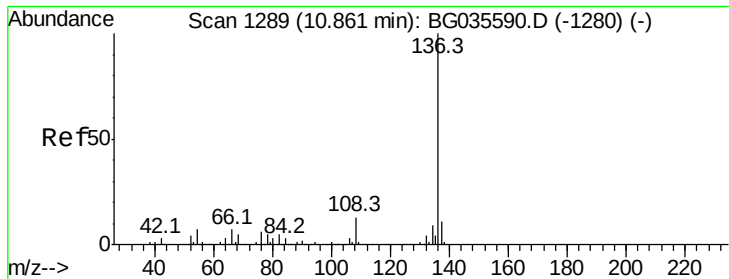
Delta R.T. -0.00 min

Lab File: BG036017.D

Acq: 1 Aug 2018 1:17

Tgt Ion	Ratio	Resp Lower	Upper
107	100		
108	83.0	61.6	101.6
77	38.7	13.9	53.9
79	35.1	8.8	48.8





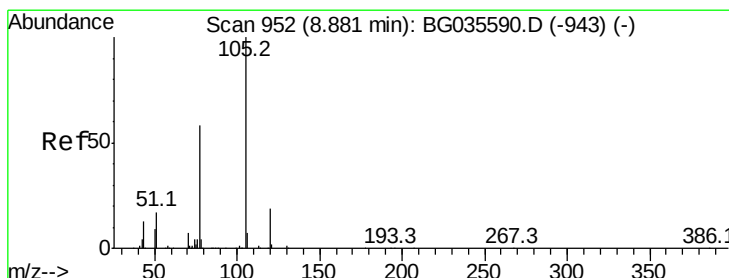
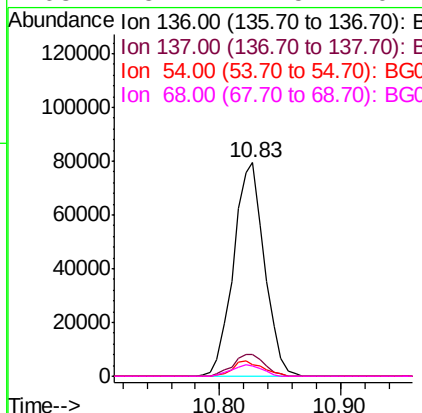
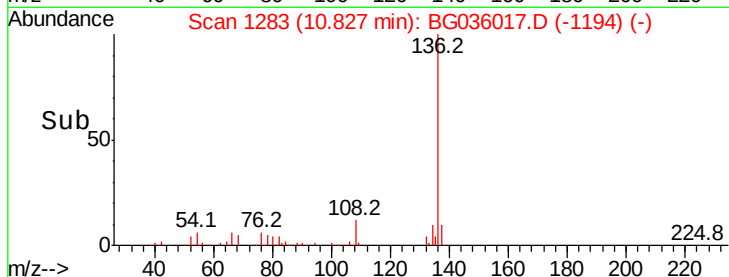
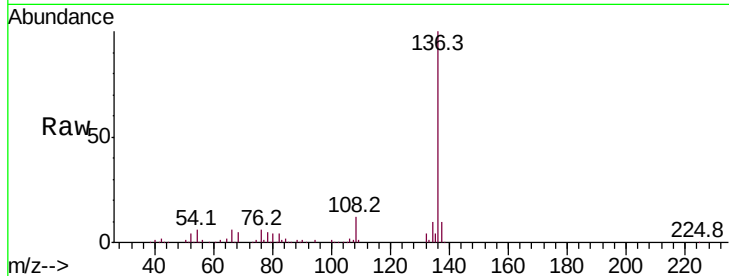
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1283
Delta R.T. -0.00 min
Lab File: BG036017.D
Acq: 1 Aug 2018 1:17

Instrument :
BNA_G
ClientSampleId :
SU-03-072718MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.2	9.2	13.8	
54	5.7	10.3	15.5	
68	5.1	4.5	6.7	

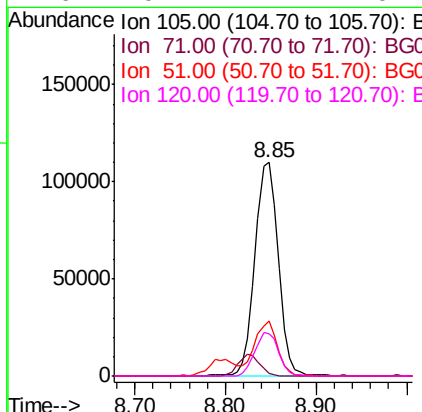
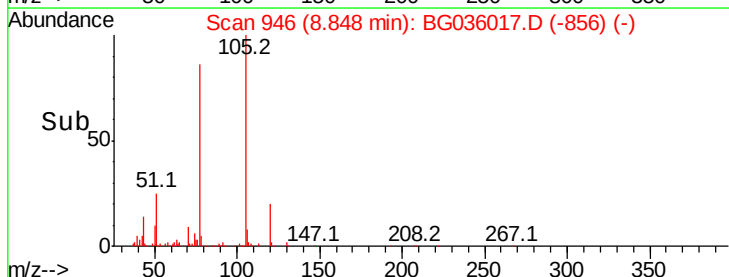
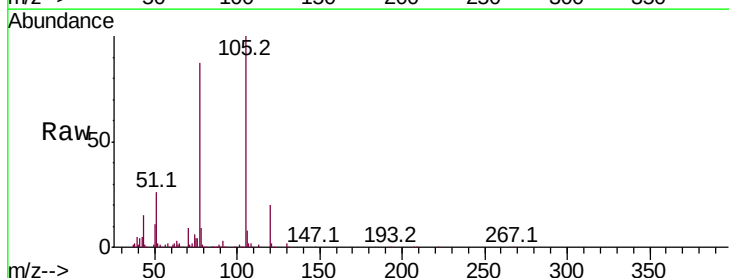
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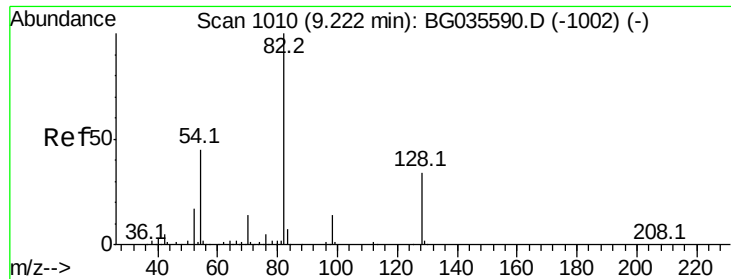
Sohil
8/1/2018 5:08:57 PM



#22
Acetophenone
Concen: 45.198 ng
RT: 8.85 min Scan# 946
Delta R.T. 0.00 min
Lab File: BG036017.D
Acq: 1 Aug 2018 1:17

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	1.2	3.0	4.4	
51	25.7	26.1	39.1	
120	19.7	17.4	26.2	





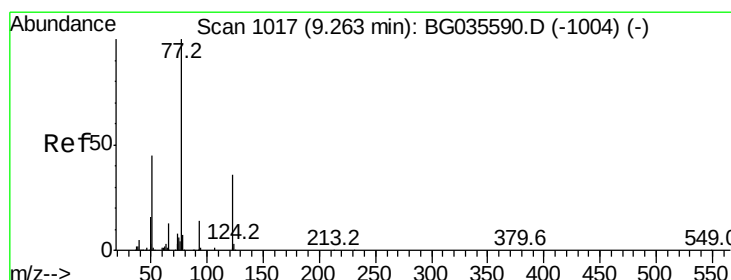
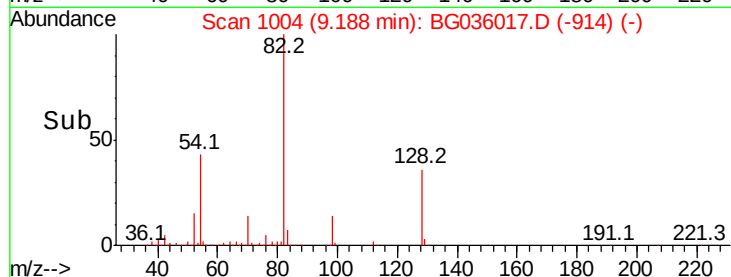
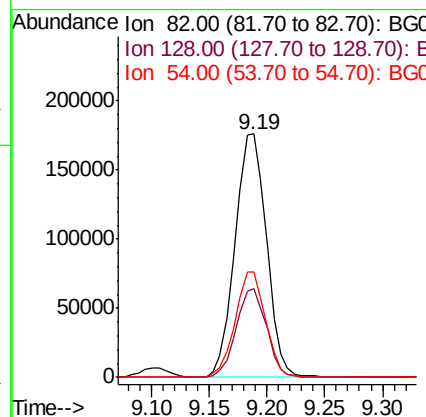
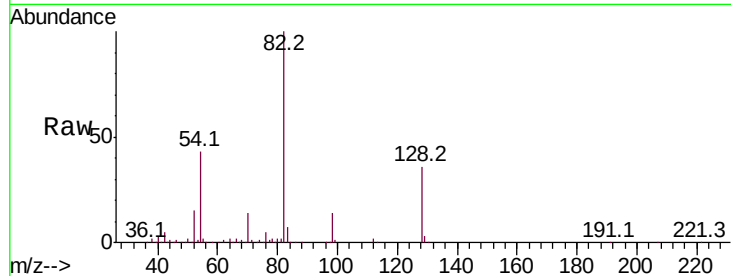
#23
 Nitrobenzene-d5
 Concen: 98.107 ng
 RT: 9.19 min Scan# 1004
 Delta R.T. 0.00 min
 Lab File: BG036017.D
 Acq: 1 Aug 2018 1:17

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-072718MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	36.2	29.7	44.5
54	43.2	43.1	64.7

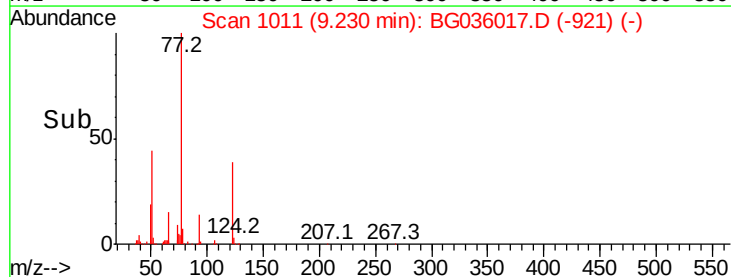
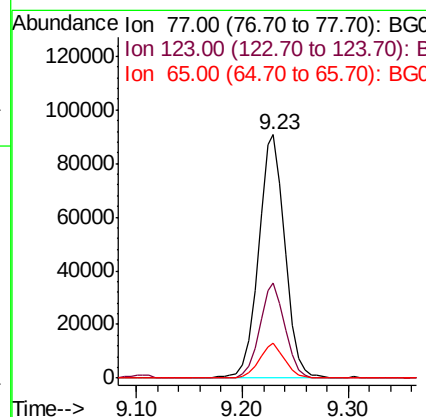
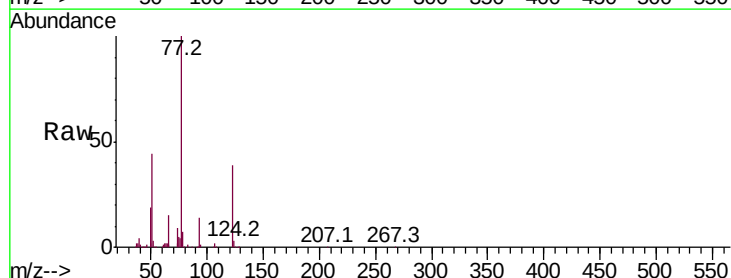
Manual Integrations
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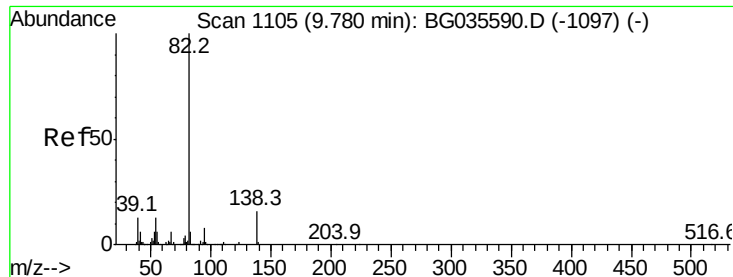
Sohil
 8/1/2018 5:08:57 PM



#24
 Nitrobenzene
 Concen: 46.311 ng
 RT: 9.23 min Scan# 1011
 Delta R.T. 0.00 min
 Lab File: BG036017.D
 Acq: 1 Aug 2018 1:17

Tgt Ion	Ratio	Lower	Upper
77	100		
123	39.1	33.0	49.6
65	14.6	13.0	19.6





#25

Isophorone

Concen: 50.528 ng

RT: 9.75 min Scan# 1099

Delta R.T. -0.00 min

Lab File: BG036017.D

Acq: 1 Aug 2018 1:17

Instrument :

BNA_G

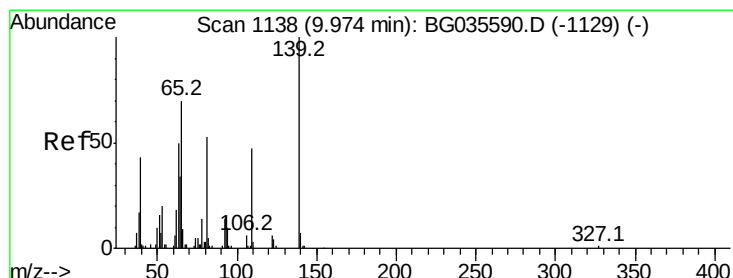
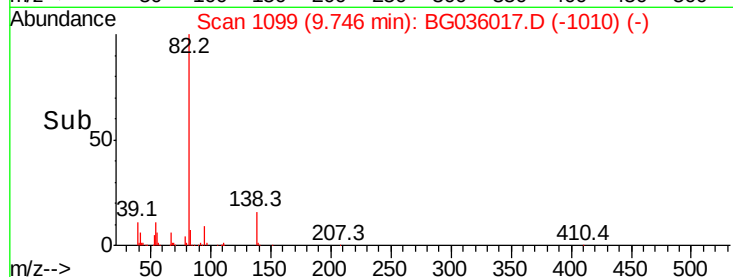
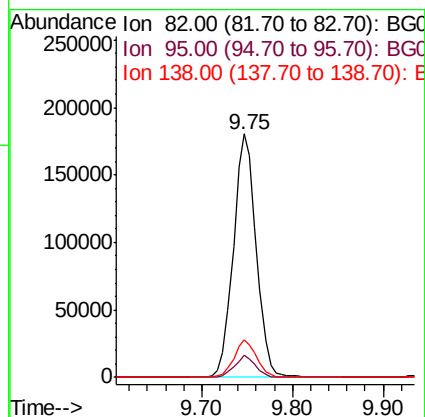
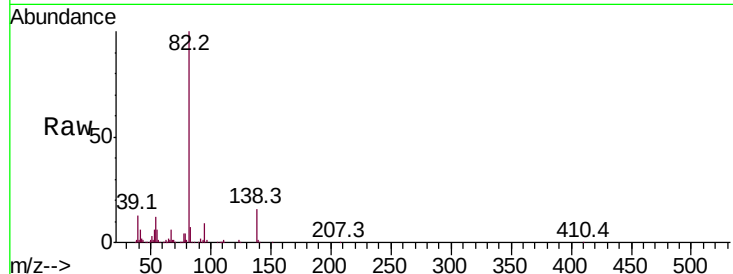
ClientSampleId :

SU-03-072718MS

Tot Ion	82	Resp	316715
Ion Ratio	Lower	Upper	
82	100		
95	9.2	6.2	9.2
138	15.7	12.1	18.1

Manual Integrations
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#26

2-Nitrophenol

Concen: 55.228 ng

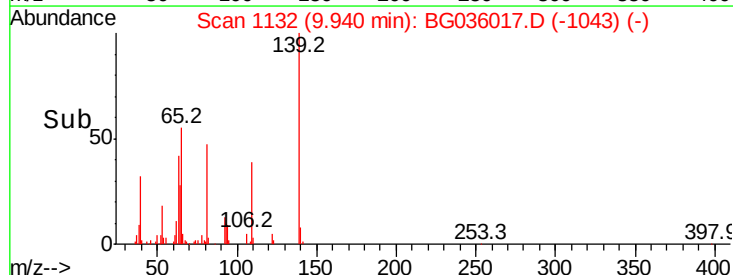
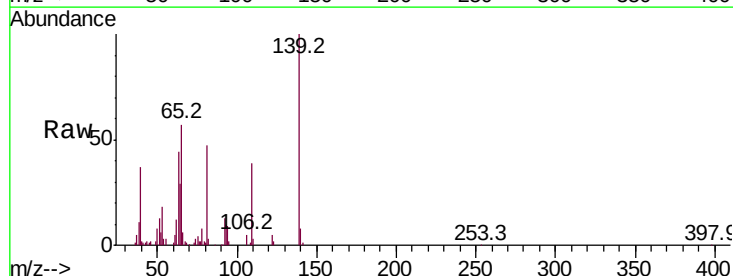
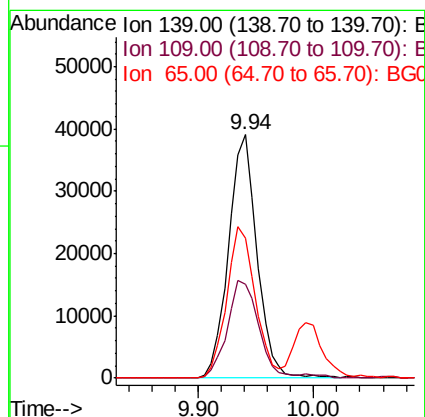
RT: 9.94 min Scan# 1132

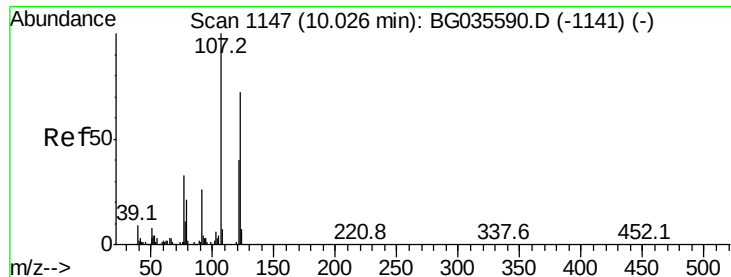
Delta R.T. -0.00 min

Lab File: BG036017.D

Acq: 1 Aug 2018 1:17

Tgt Ion	139	Resp	66607
Ion Ratio	Lower	Upper	
139	100		
109	38.7	24.2	36.2#
65	57.2	47.4	71.0





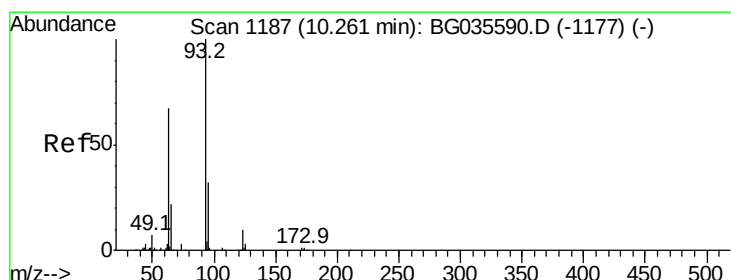
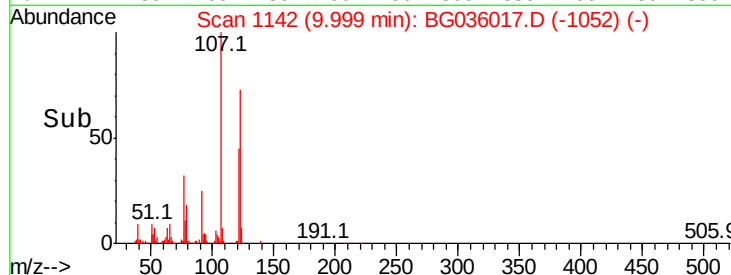
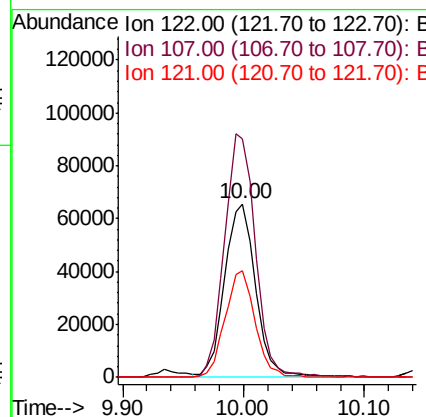
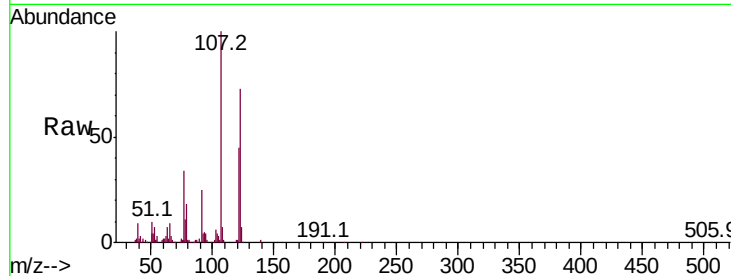
#27
2,4-Dimethylphenol
Concen: 56.648 ng
RT: 10.00 min Scan# 1142
Delta R.T. 0.00 min
Lab File: BG036017.D
Acq: 1 Aug 2018 1:17

Instrument :
BNA_G
ClientSampleId :
SU-03-072718MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	137.4	100.2	150.2
121	61.8	44.4	66.6

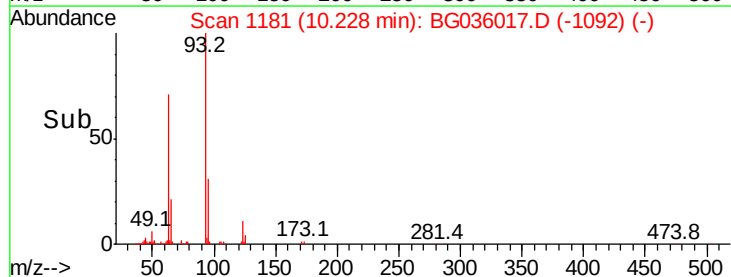
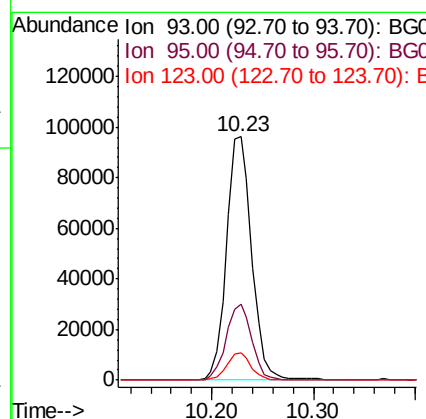
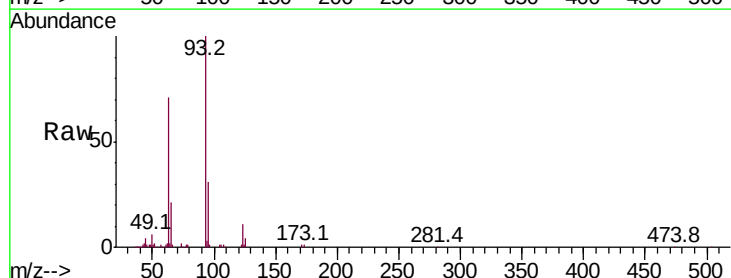
Manual Integrations
APPROVED

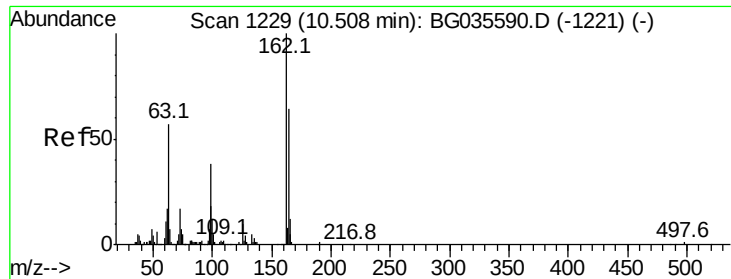
Sohil
8/1/2018 5:08:57 PM



#28
bis(2-Chloroethoxy)methane
Concen: 47.868 ng
RT: 10.23 min Scan# 1181
Delta R.T. -0.00 min
Lab File: BG036017.D
Acq: 1 Aug 2018 1:17

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.4	24.3	36.5
123	11.0	8.4	12.6





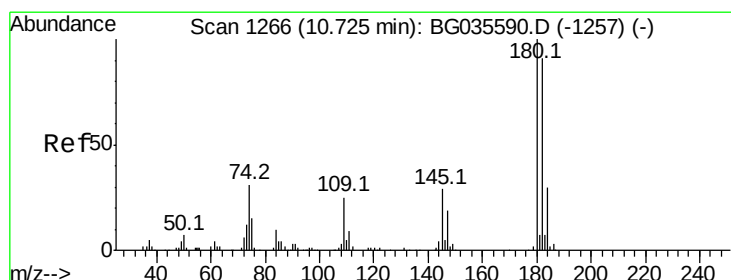
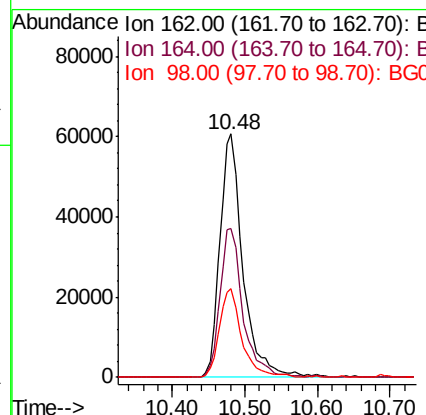
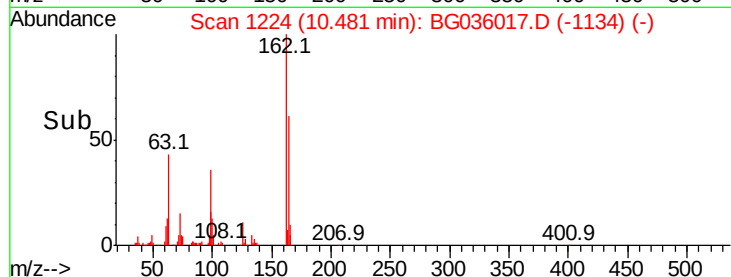
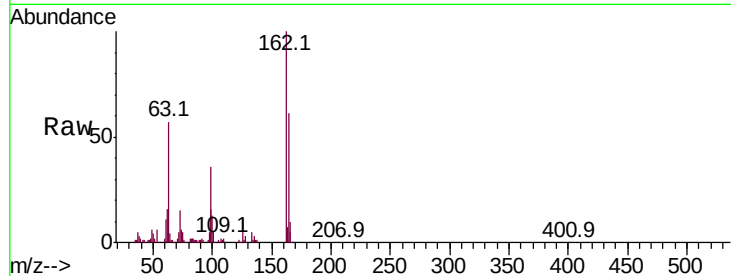
#29
2,4-Dichlorophenol
Concen: 57.168 ng
RT: 10.48 min Scan# 1224
Delta R.T. 0.00 min
Lab File: BG036017.D
Acq: 1 Aug 2018 1:17

Instrument :
BNA_G
ClientSampleId :
SU-03-072718MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	61.3	48.0	88.0	
98	36.3	21.1	61.1	

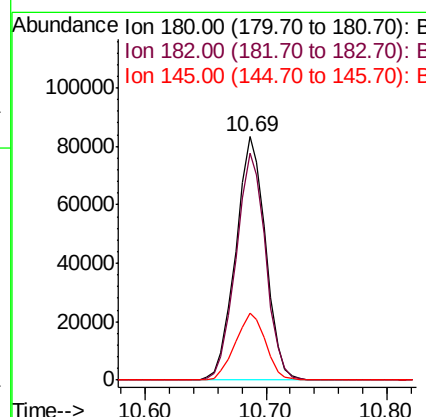
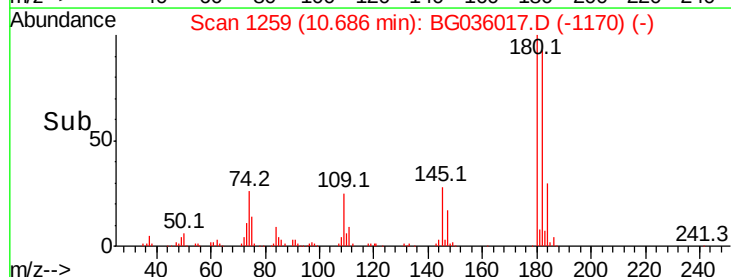
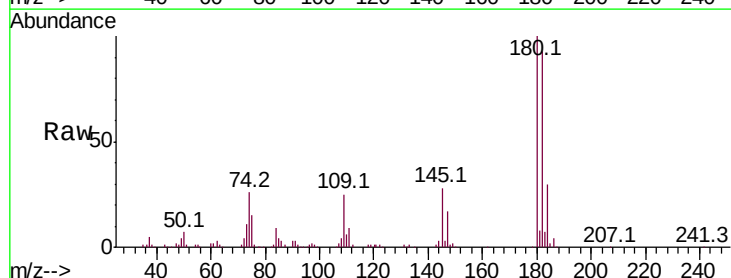
Manual Integrations
APPROVED

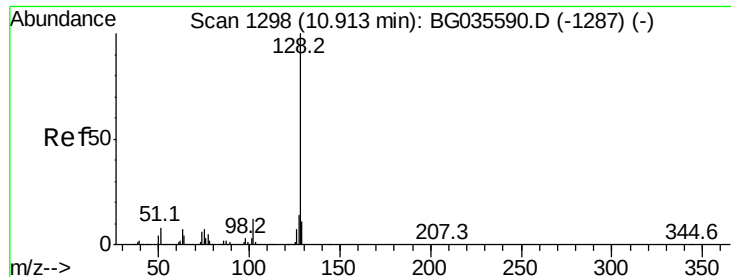
Sohil
8/1/2018 5:08:57 PM



#30
1,2,4-Trichlorobenzene
Concen: 50.081 ng
RT: 10.69 min Scan# 1259
Delta R.T. -0.00 min
Lab File: BG036017.D
Acq: 1 Aug 2018 1:17

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	93.1	77.5	116.3	
145	27.7	23.4	35.2	





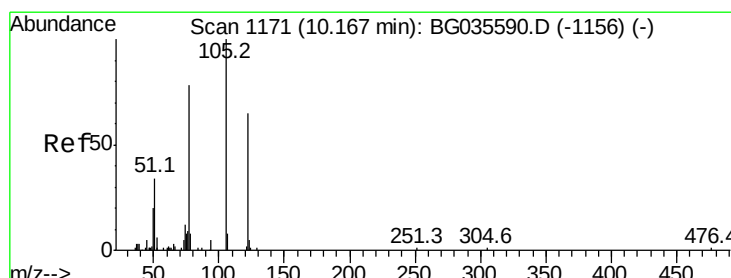
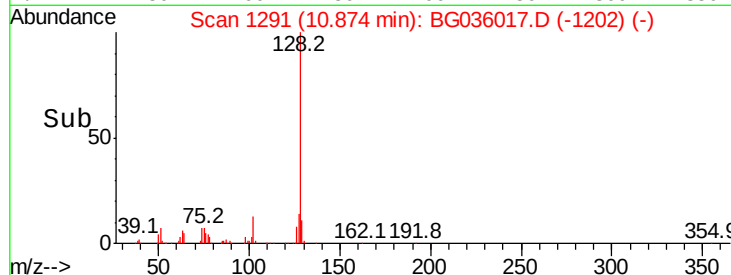
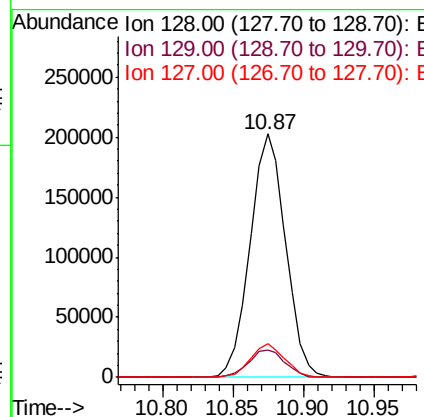
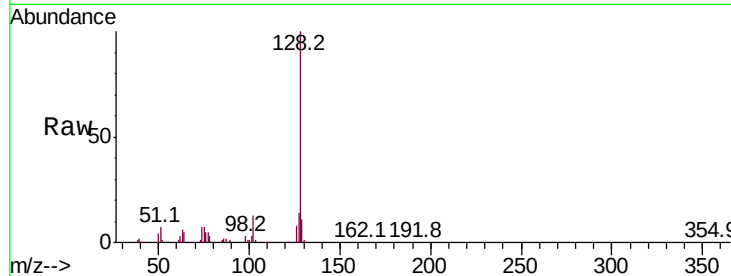
#31
Naphthalene
Concen: 48.719 ng
RT: 10.87 min Scan# 1291
Delta R.T. -0.00 min
Lab File: BG036017.D
Acq: 1 Aug 2018 1:17

Instrument :
BNA_G
ClientSampleId :
SU-03-072718MS

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

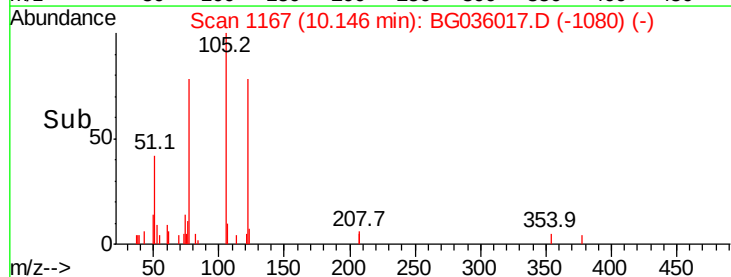
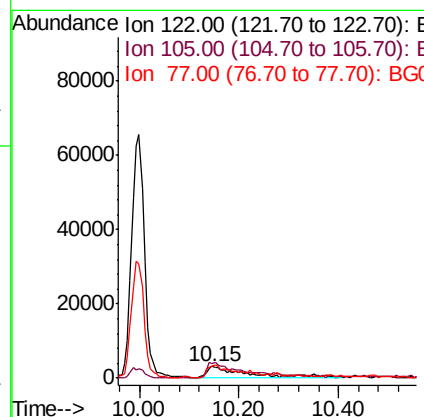
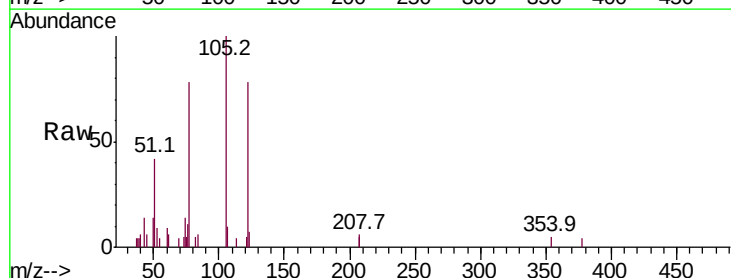
Manual Integrations
APPROVED

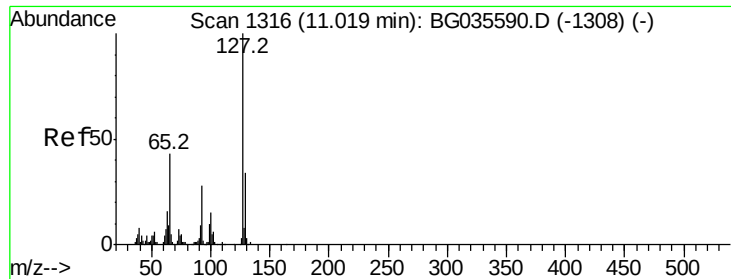
Sohil
8/1/2018 5:08:57 PM



#32
Benzoic acid
Concen: 13.424 ng m
RT: 10.15 min Scan# 1167
Delta R.T. -0.02 min
Lab File: BG036017.D
Acq: 1 Aug 2018 1:17

Tgt Ion	Ratio	Lower	Upper
122	100		
105	127.5	123.5	163.5
77	99.5	85.7	125.7





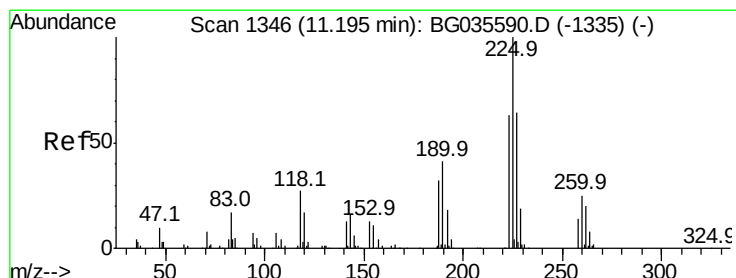
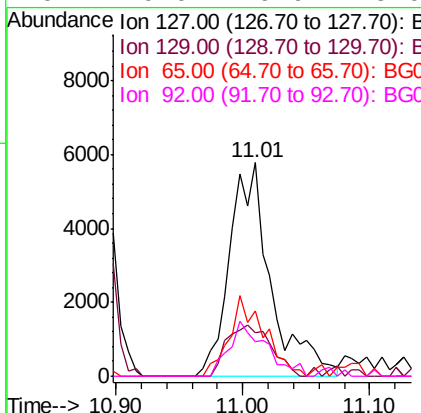
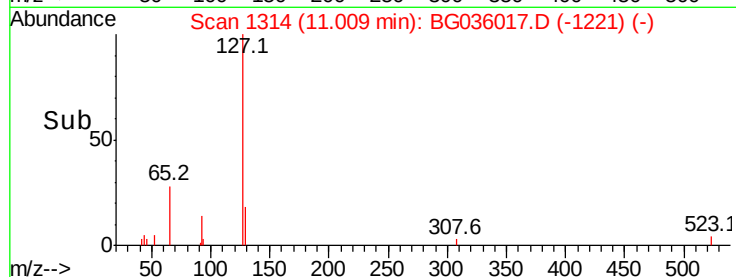
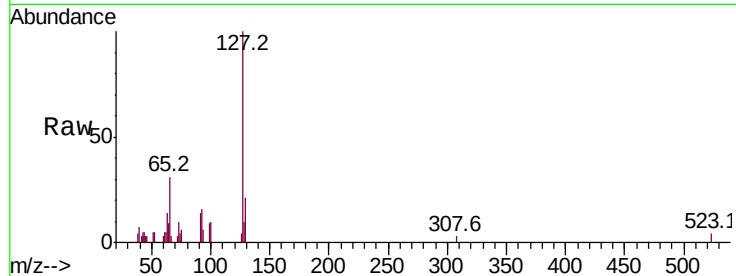
#33
4-Chloroaniline
Concen: 4.043 ng
RT: 11.01 min Scan# 1314
Delta R.T. 0.02 min
Lab File: BG036017.D
Acq: 1 Aug 2018 1:17

Instrument :
BNA_G
ClientSampleId :
SU-03-072718MS

Tot Ion	Ratio	Lower	Upper
127	100		
129	20.6	24.0	36.0#
65	30.5	27.0	40.4
92	16.0	16.6	25.0#

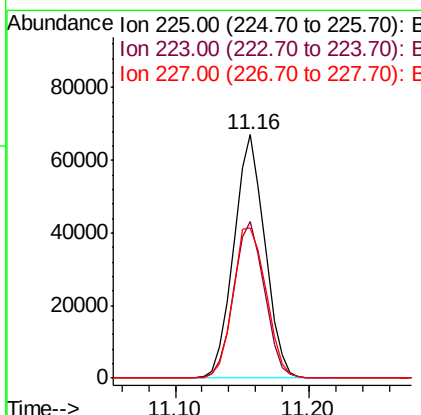
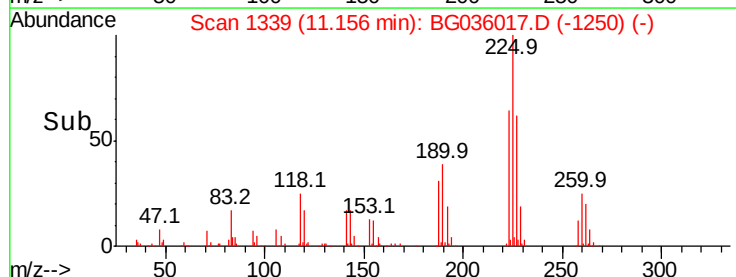
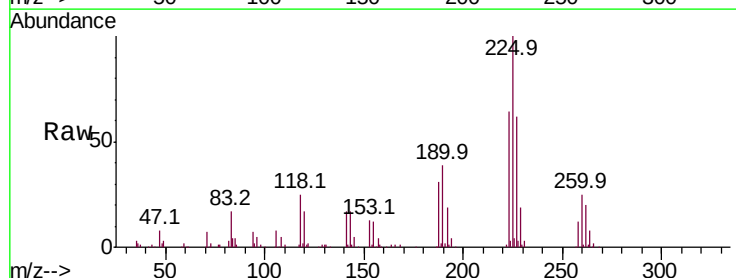
Manual Integrations
APPROVED

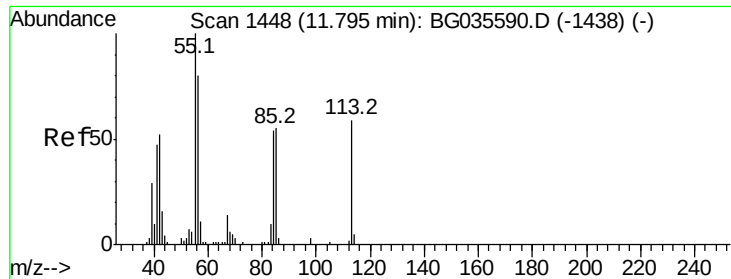
Sohil
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#34
Hexachlorobutadiene
Concen: 48.418 ng
RT: 11.16 min Scan# 1339
Delta R.T. -0.00 min
Lab File: BG036017.D
Acq: 1 Aug 2018 1:17

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.4	49.7	74.5
227	61.8	48.1	72.1





#35

Caprolactam

Concen: 33.319 ng/ml

RT: 11.77 min Scan# 1444

Delta R.T. 0.00 min

Lab File: BG036017.D

Acq: 1 Aug 2018 1:17

Instrument :

BNA_G

ClientSampleId :

SU-03-072718MS

Tot Ion:113 Resp: 33321

Ion Ratio Lower Upper

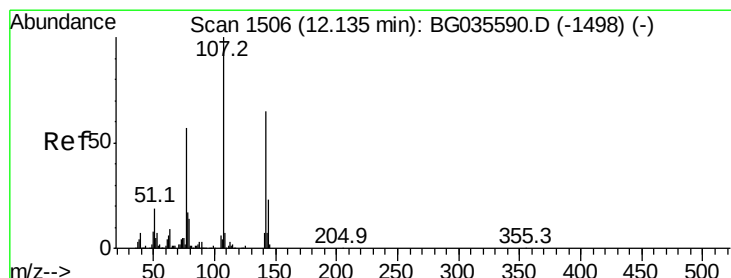
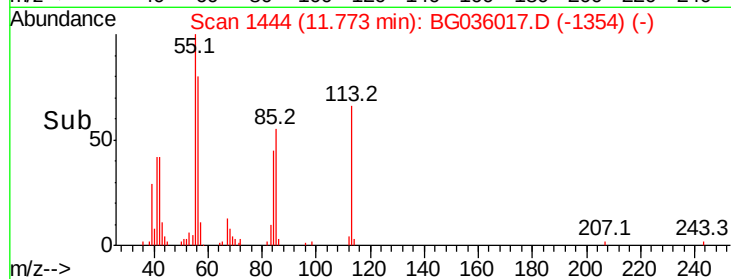
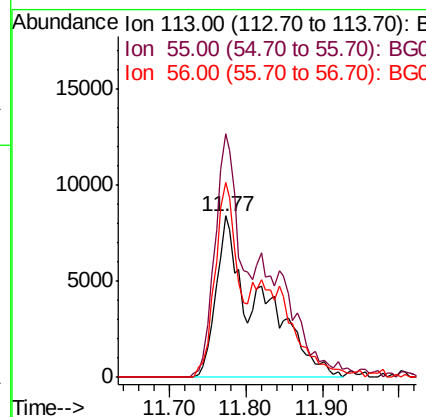
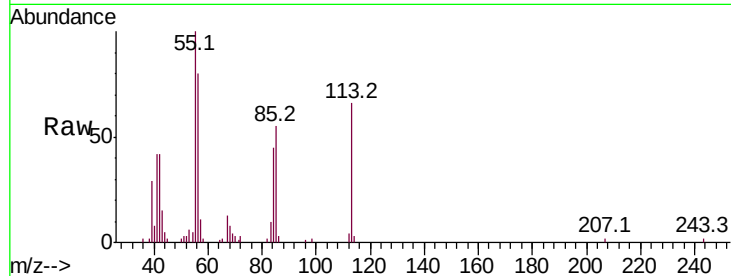
113 100

55 151.1 186.9 226.9#

56 121.2 130.9 170.9#

Manual Integrations
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8/1/2018 5:08:57 PM



#36

4-Chloro-3-methylphenol

Concen: 53.579 ng/ml

RT: 12.11 min Scan# 1501

Delta R.T. -0.00 min

Lab File: BG036017.D

Acq: 1 Aug 2018 1:17

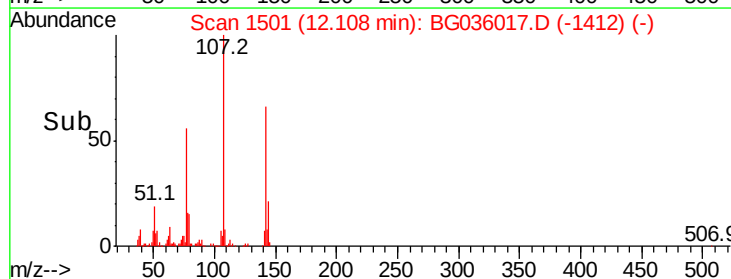
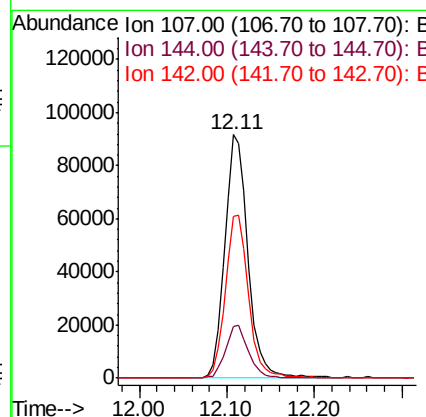
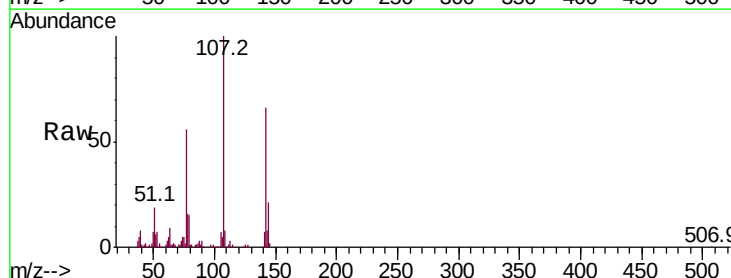
Tgt Ion:107 Resp: 167361

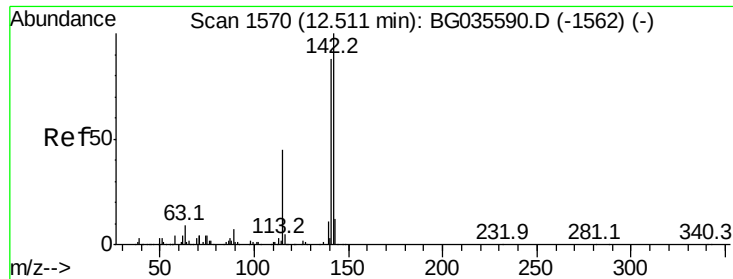
Ion Ratio Lower Upper

107 100

144 21.2 18.2 27.4

142 66.4 59.0 88.4





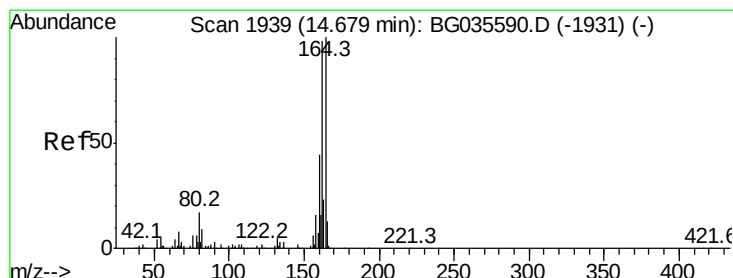
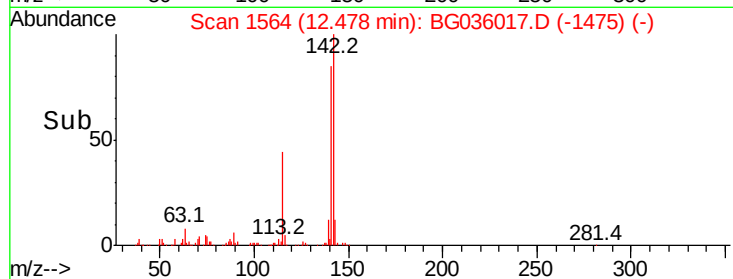
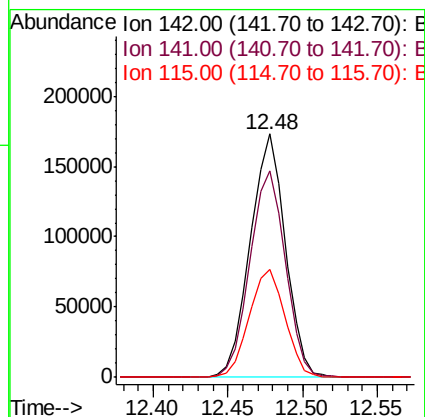
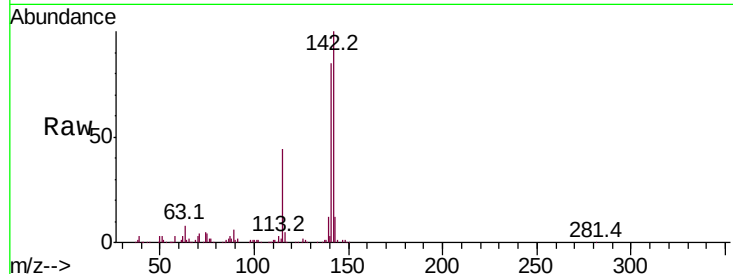
#37
2-Methylnaphthalene
Concen: 51.410 ng
RT: 12.48 min Scan# 1564
Delta R.T. -0.00 min
Lab File: BG036017.D
Acq: 1 Aug 2018 1:17

Instrument :
BNA_G
ClientSampleId :
SU-03-072718MS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	281430		
141	85.0	67.1	100.7	
115	44.2	30.7	46.1	

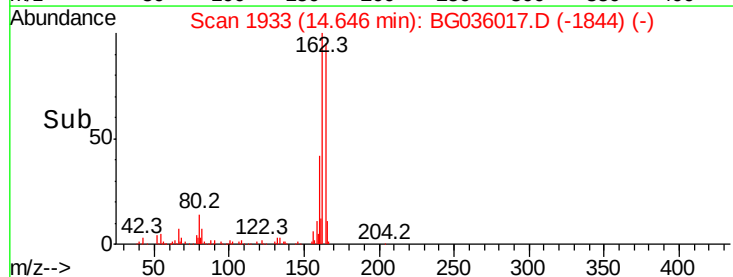
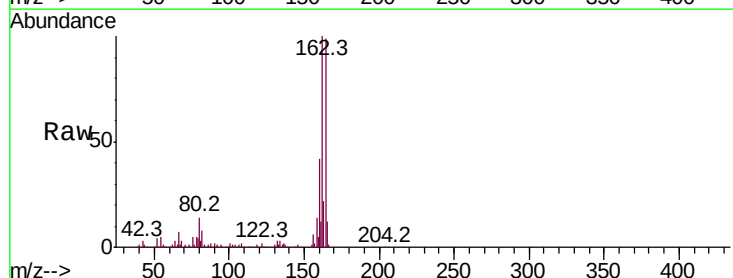
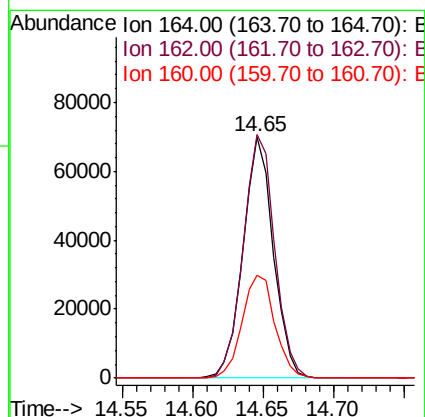
Manual Integrations
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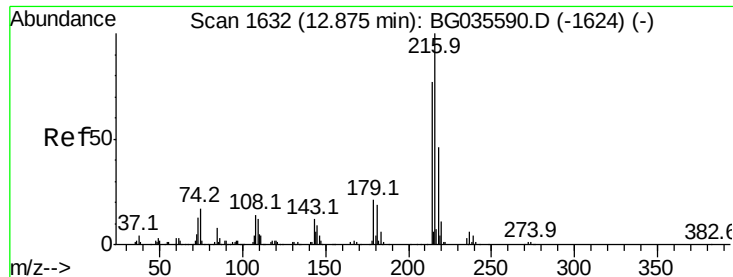
Sohil
8/1/2018 5:08:57 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1933
Delta R.T. -0.00 min
Lab File: BG036017.D
Acq: 1 Aug 2018 1:17

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	105098		
162	100.8	78.8	118.2	
160	42.3	35.4	53.0	





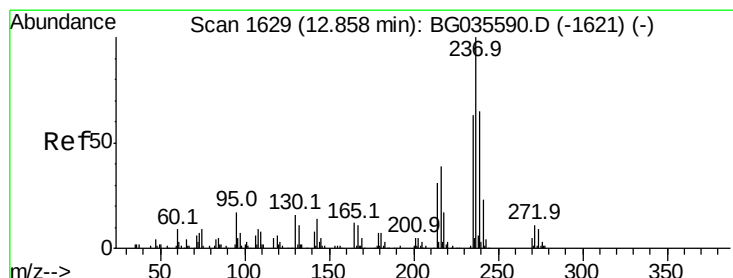
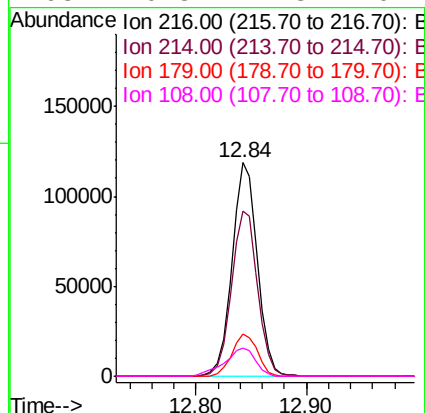
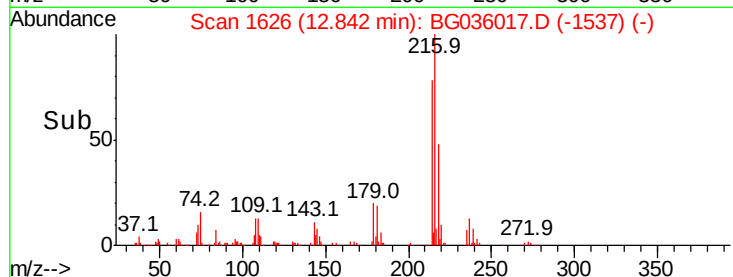
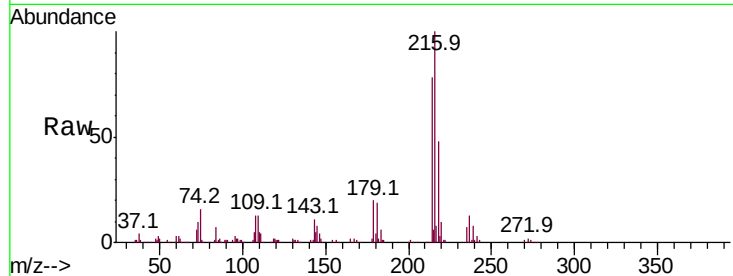
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 47.814 ng
 RT: 12.84 min Scan# 1626
 Delta R.T. -0.00 min
 Lab File: BG036017.D
 Acq: 1 Aug 2018 1:17

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-072718MS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.8	63.0	94.4
179	19.8	17.0	25.6
108	16.3	12.8	19.2

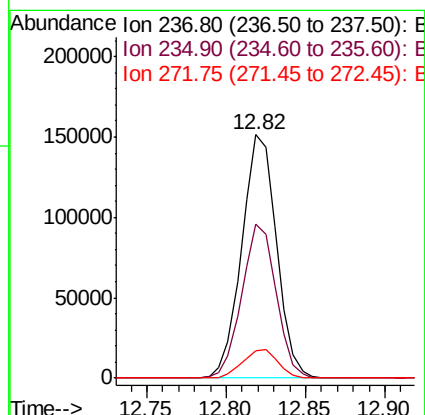
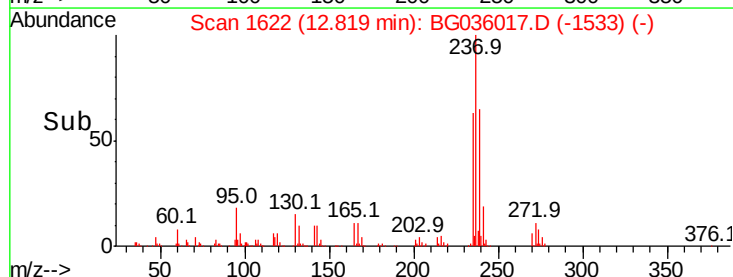
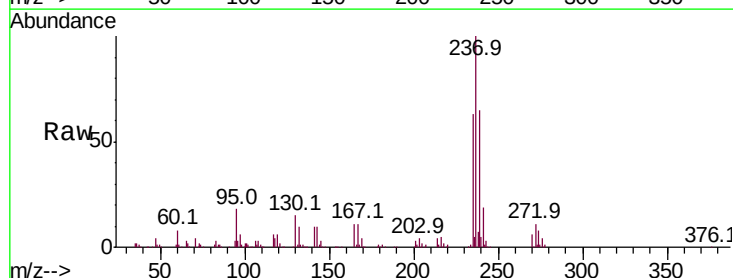
Manual Integrations
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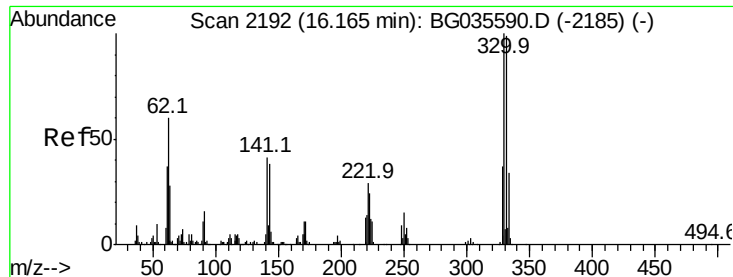
Sohil
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#40
 Hexachlorocyclopentadiene
 Concen: 110.610 ng
 RT: 12.82 min Scan# 1622
 Delta R.T. -0.00 min
 Lab File: BG036017.D
 Acq: 1 Aug 2018 1:17

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	63.2	50.4	90.4
272	11.3	0.0	31.8





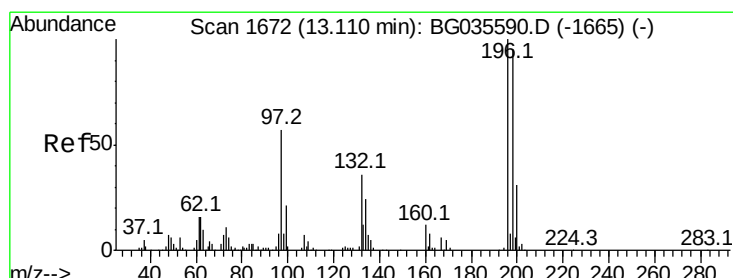
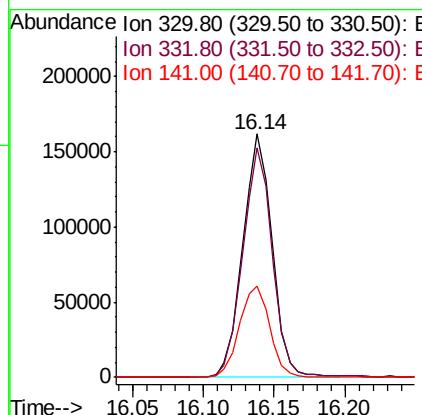
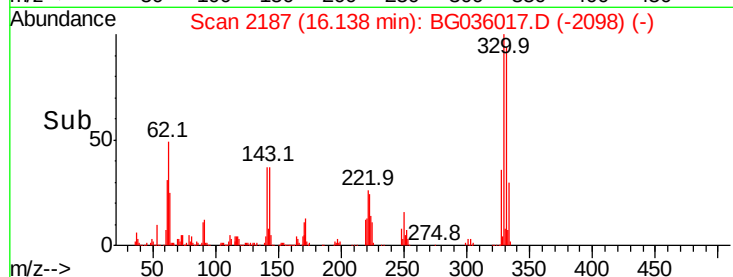
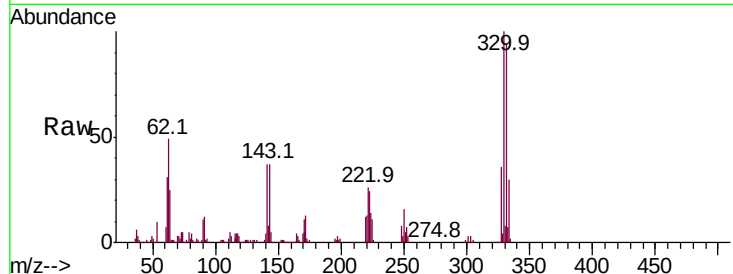
#41
 2,4,6-Tribromophenol
 Concen: 170.136 ng
 RT: 16.14 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: BG036017.D
 Acq: 1 Aug 2018 1:17

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-072718MS

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	39.1	25.2	37.8

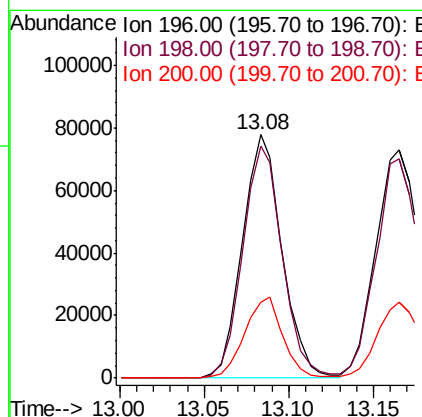
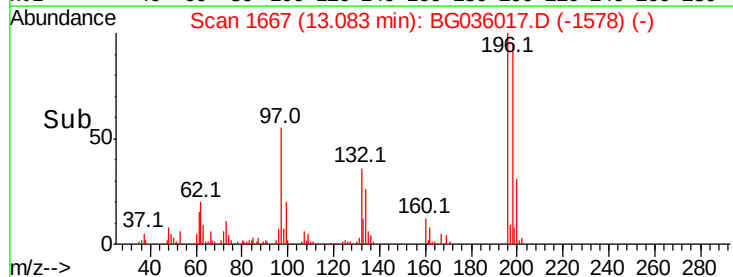
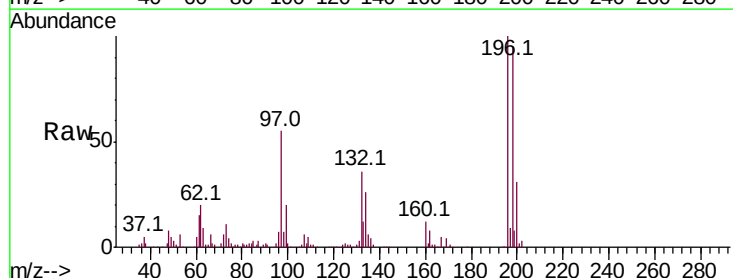
Manual Integrations
 APPROVED

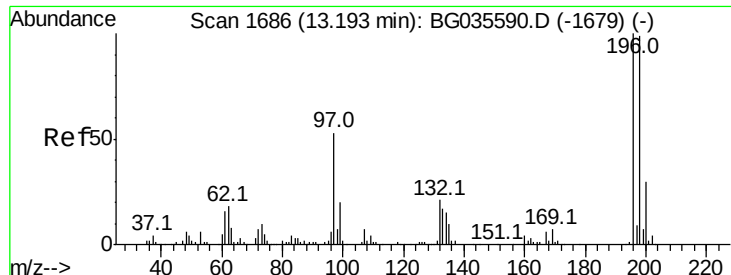
Sohil
 8/1/2018 5:08:57 PM



#42
 2,4,6-Trichlorophenol
 Concen: 54.566 ng
 RT: 13.08 min Scan# 1667
 Delta R.T. -0.00 min
 Lab File: BG036017.D
 Acq: 1 Aug 2018 1:17

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.4	78.2	117.2
200	31.2	24.6	36.8





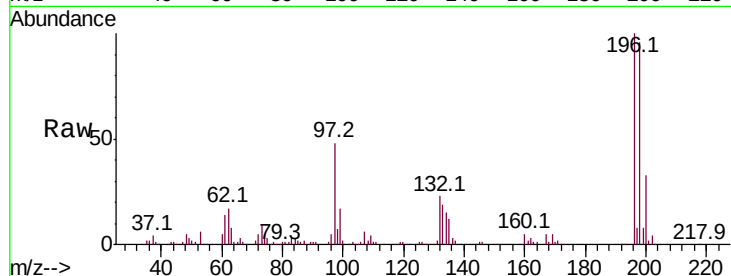
#43
2,4,5-Trichlorophenol
Concen: 53.371 ng
RT: 13.17 min Scan# 1681
Delta R.T. 0.00 min
Lab File: BG036017.D
Acq: 1 Aug 2018 1:17

Instrument :
BNA_G
ClientSampleId :
SU-03-072718MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	138504		
198	96.0	76.2	114.4	
97	48.5	38.7	58.1	
132	22.9	20.2	30.2	

Manual Integrations
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8/1/2018 5:08:57 PM



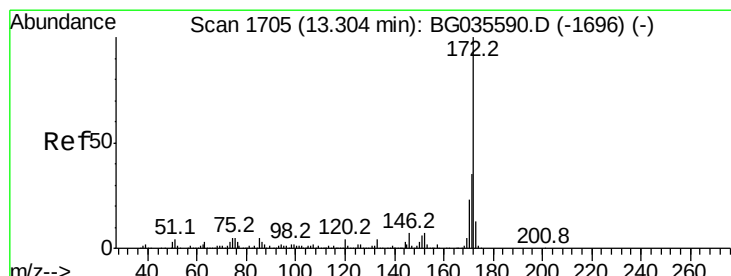
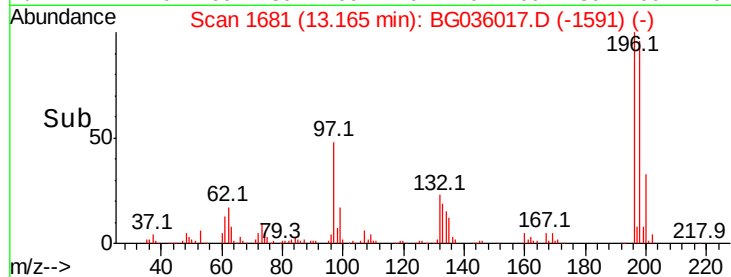
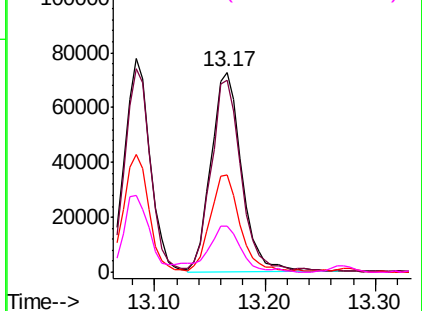
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

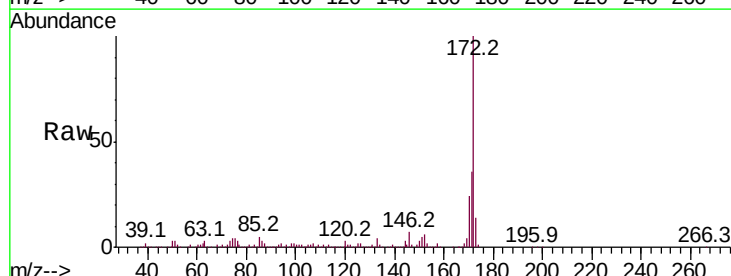
Ion 97.00 (96.70 to 97.70): BG

Ion 132.00 (131.70 to 132.70): E



#44
2-Fluorobiphenyl
Concen: 93.475 ng
RT: 13.27 min Scan# 1699
Delta R.T. -0.00 min
Lab File: BG036017.D
Acq: 1 Aug 2018 1:17

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	733275		
171	35.9	30.0	45.0	
170	23.9	19.5	29.3	

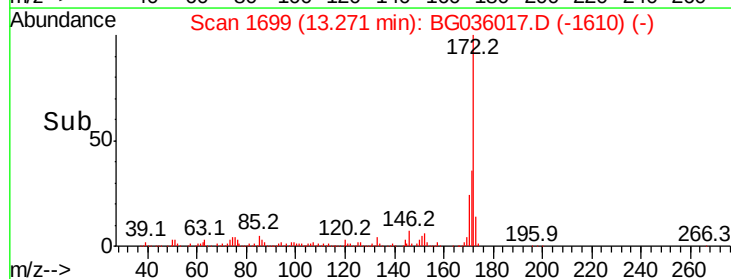
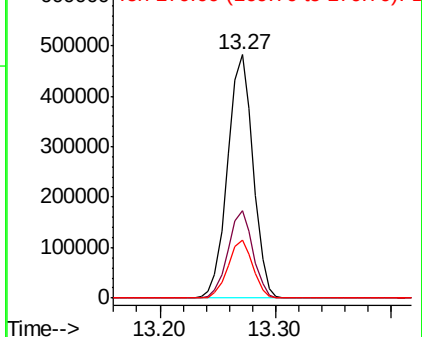


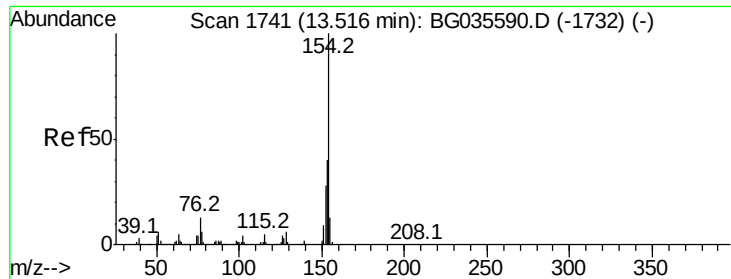
Abundance

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: 47.831 ng

RT: 13.48 min Scan# 1735

Delta R.T. -0.00 min

Lab File: BG036017.D

Acq: 1 Aug 2018 1:17

Instrument :

BNA_G

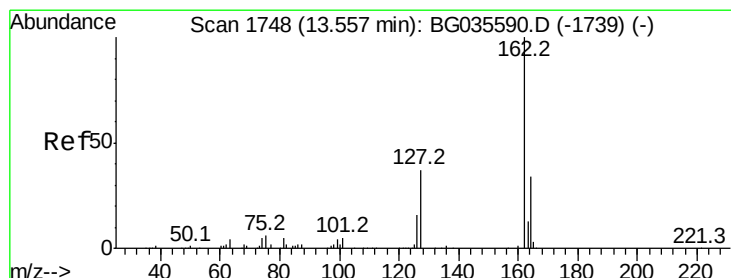
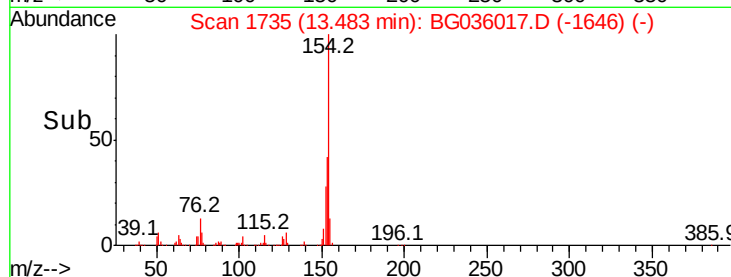
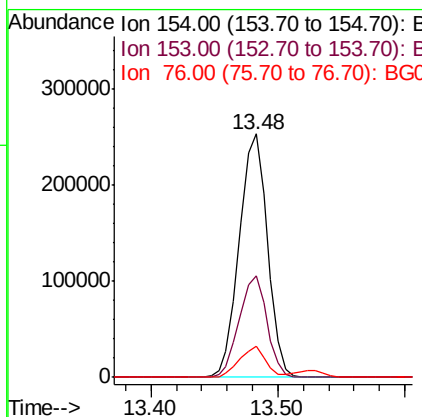
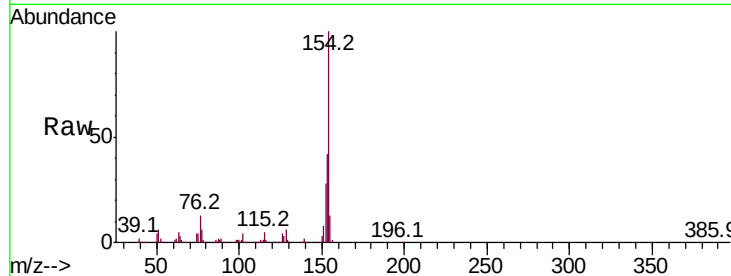
ClientSampleId :

SU-03-072718MS

Tot Ion:	154	Resp:	389733
Ion Ratio	Lower	Upper	
154	100		
153	41.8	19.8	59.8
76	12.7	0.0	31.9

Manual Integrations
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#46

2-Chloronaphthalene

Concen: 49.254 ng

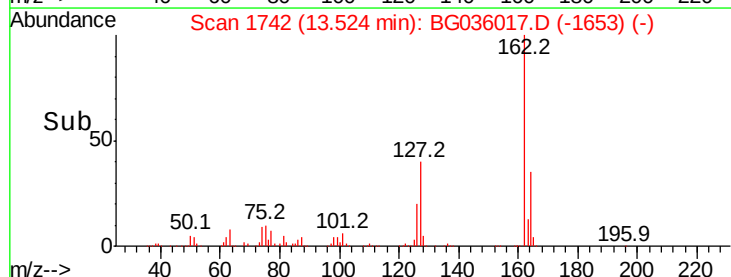
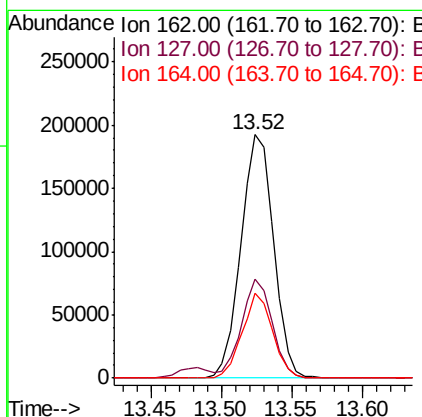
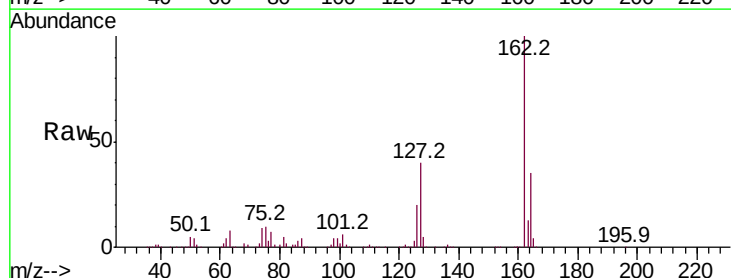
RT: 13.52 min Scan# 1742

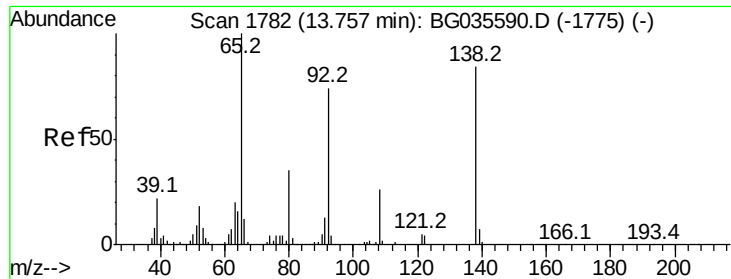
Delta R.T. -0.00 min

Lab File: BG036017.D

Acq: 1 Aug 2018 1:17

Tgt Ion:	162	Resp:	312174
Ion Ratio	Lower	Upper	
162	100		
127	40.5	30.7	46.1
164	34.6	26.0	39.0





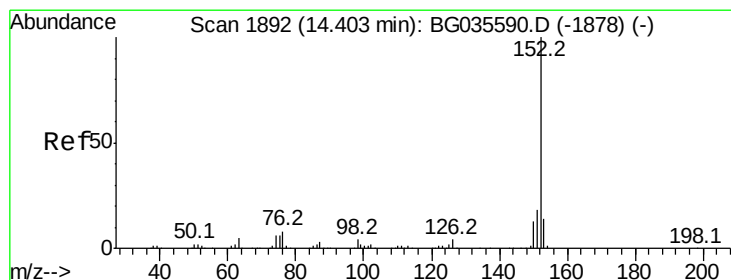
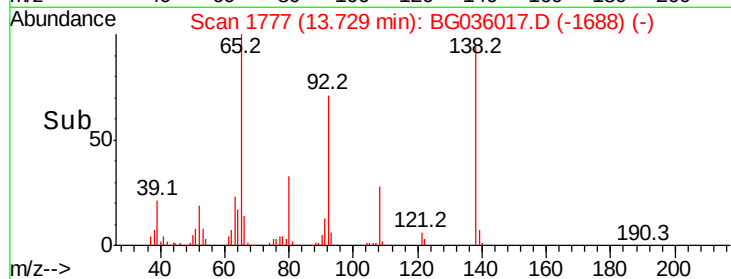
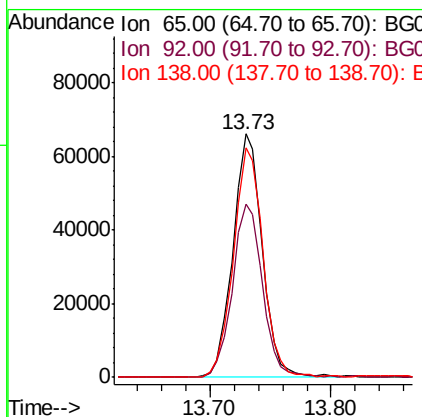
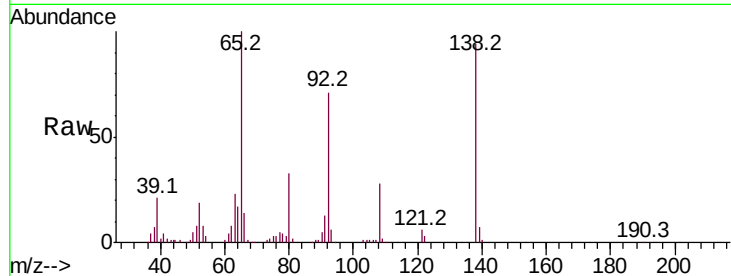
#47
 2-Nitroaniline
 Concen: 49.925 ng
 RT: 13.73 min Scan# 1777
 Delta R.T. -0.00 min
 Lab File: BG036017.D
 Acq: 1 Aug 2018 1:17

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-072718MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	71.1	54.6	82.0
138	94.2	72.9	109.3

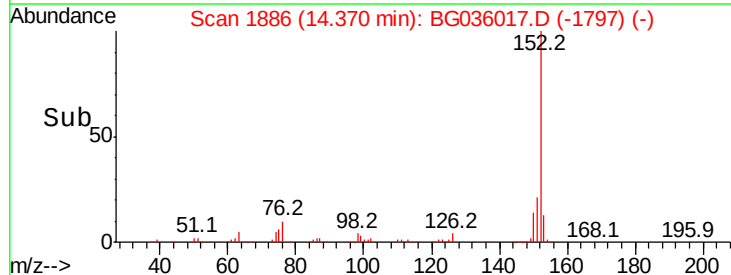
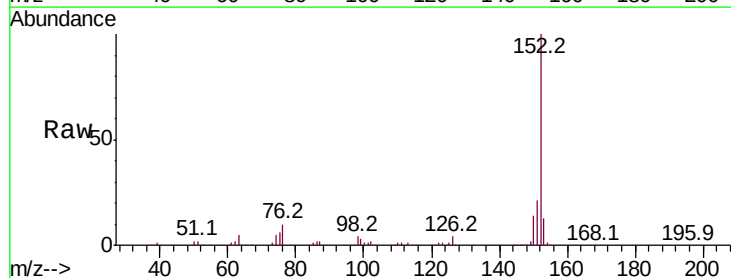
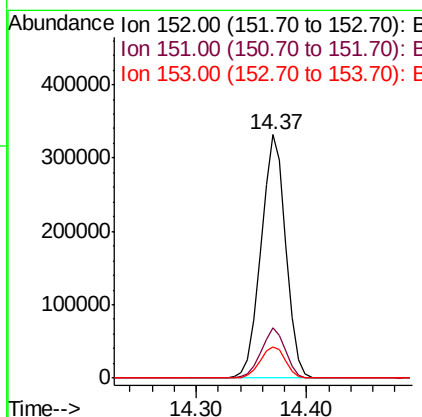
Manual Integrations
 APPROVED

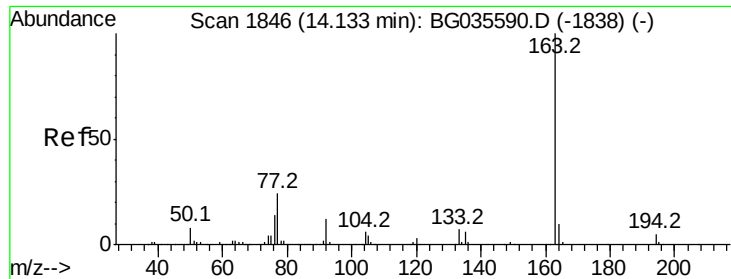
Sohil
 8/1/2018 5:08:57 PM



#48
 Acenaphthylene
 Concen: 48.872 ng
 RT: 14.37 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: BG036017.D
 Acq: 1 Aug 2018 1:17

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	17.2	25.8
153	12.9	10.2	15.4





#49

Dimethylphthalate

Concen: 48.430 ng

RT: 14.11 min Scan# 1841

Delta R.T. 0.00 min

Lab File: BG036017.D

Acq: 1 Aug 2018 1:17

Instrument :

BNA_G

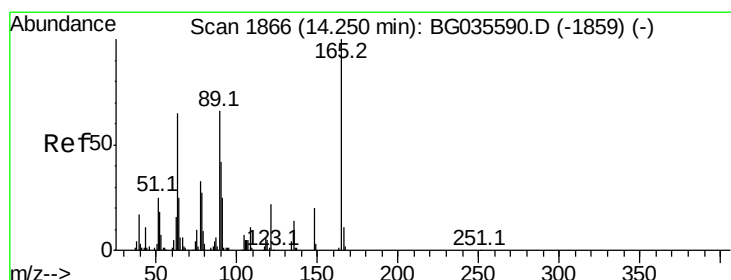
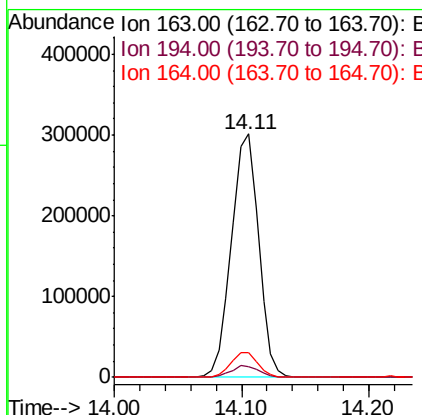
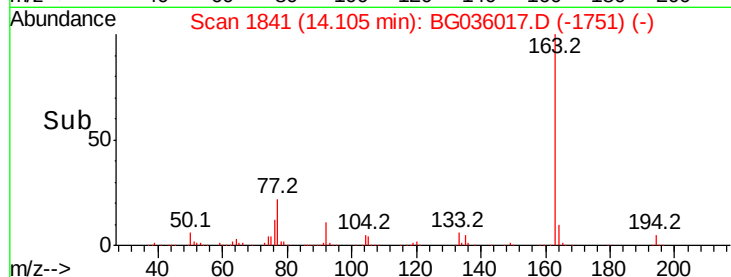
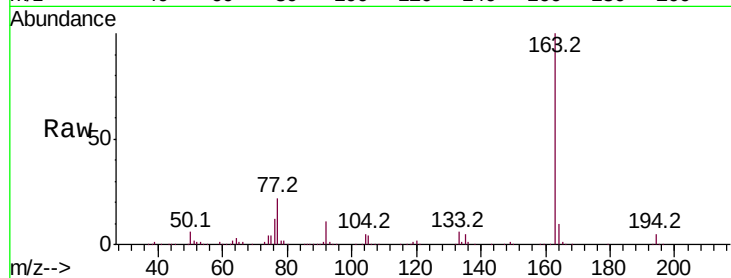
ClientSampleId :

SU-03-072718MS

Tot Ion:	163	Resp:	445952
Ion Ratio	Lower	Upper	
163	100		
194	4.6	3.4	5.2
164	10.1	8.2	12.4

Manual Integrations
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8/1/2018 5:08:57 PM



#50

2,6-Dinitrotoluene

Concen: 54.957 ng

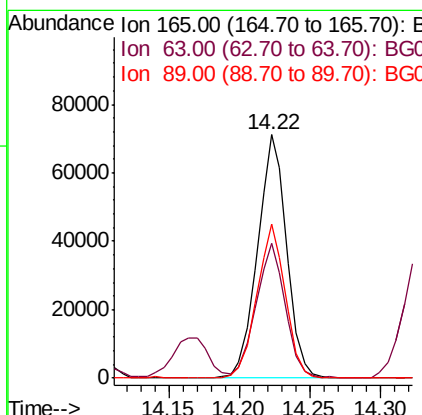
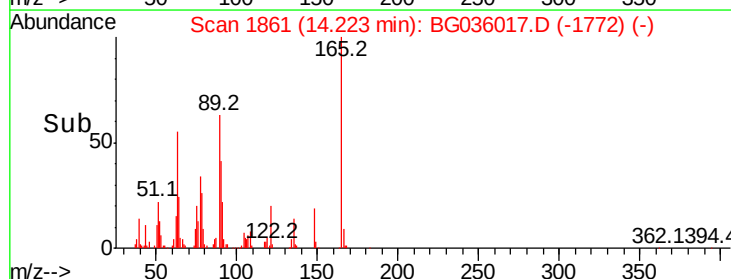
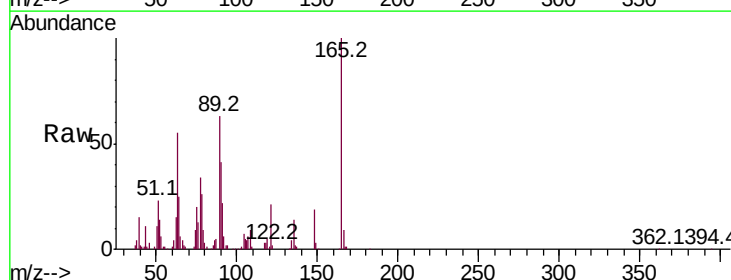
RT: 14.22 min Scan# 1861

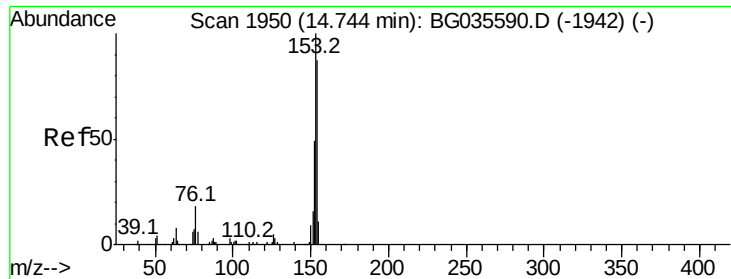
Delta R.T. -0.00 min

Lab File: BG036017.D

Acq: 1 Aug 2018 1:17

Tgt Ion:	165	Resp:	103052
Ion Ratio	Lower	Upper	
165	100		
63	55.4	52.7	79.1
89	63.3	49.2	73.8





#51

Acenaphthene

Concen: 46.265 ng

RT: 14.71 min Scan# 1944

Delta R.T. -0.00 min

Lab File: BG036017.D

Acq: 1 Aug 2018 1:17

Instrument :

BNA_G

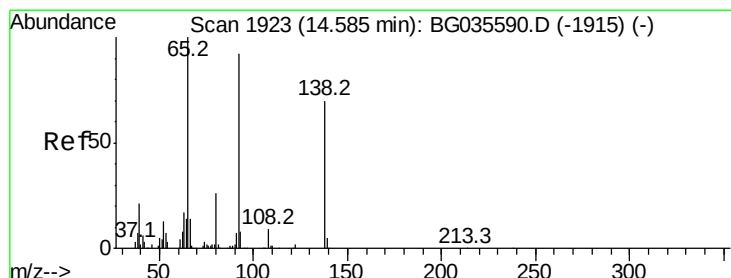
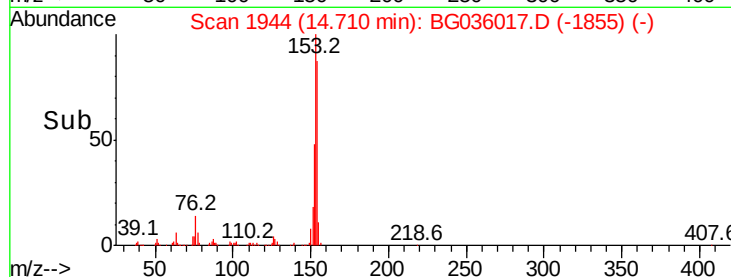
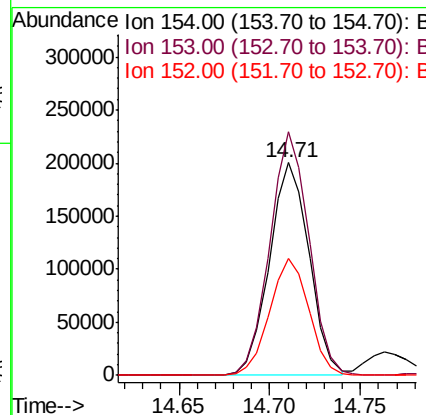
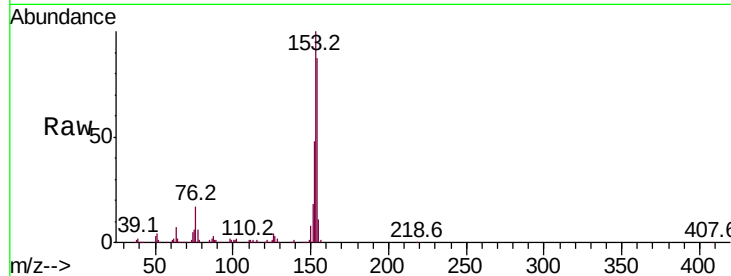
ClientSampleId :

SU-03-072718MS

Tot Ion:	154	Resp:	305981
Ion Ratio	Lower	Upper	
154	100		
153	114.6	90.4	135.6
152	54.8	41.6	62.4

Manual Integrations
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#52

3-Nitroaniline

Concen: 17.319 ng

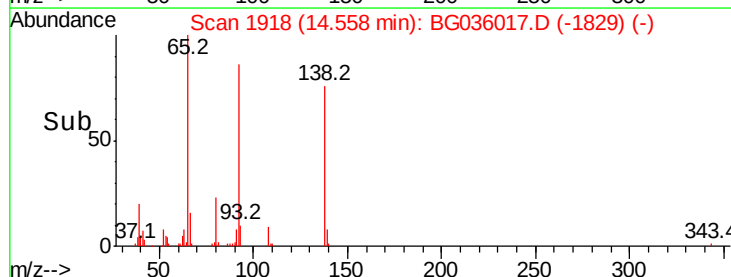
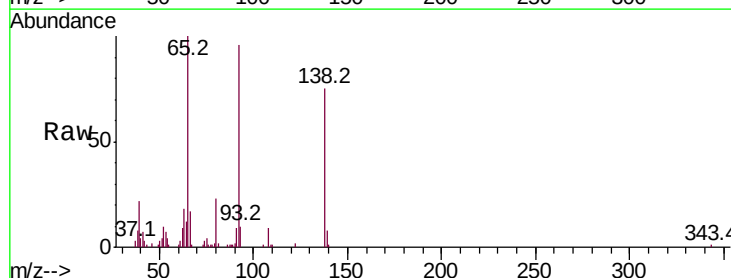
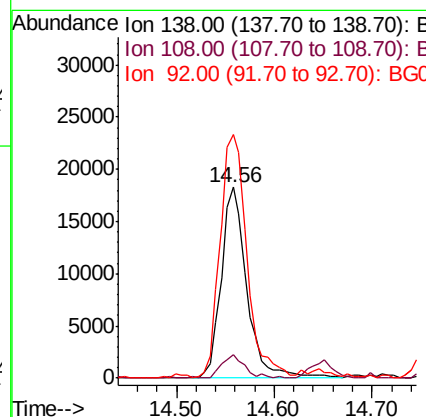
RT: 14.56 min Scan# 1918

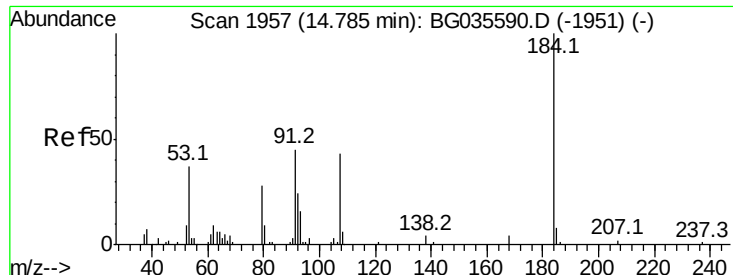
Delta R.T. -0.00 min

Lab File: BG036017.D

Acq: 1 Aug 2018 1:17

Tgt Ion:	138	Resp:	33192
Ion Ratio	Lower	Upper	
138	100		
108	12.4	17.5	26.3#
92	127.5	105.8	158.8





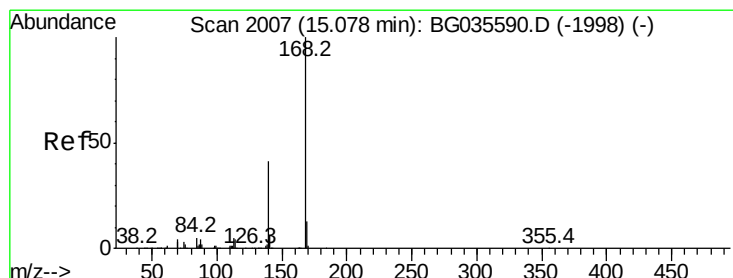
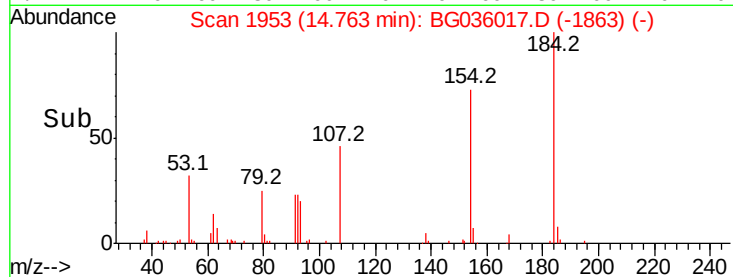
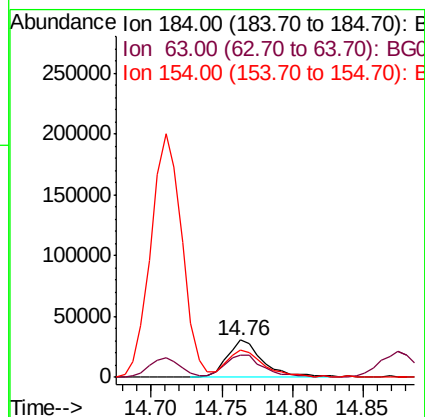
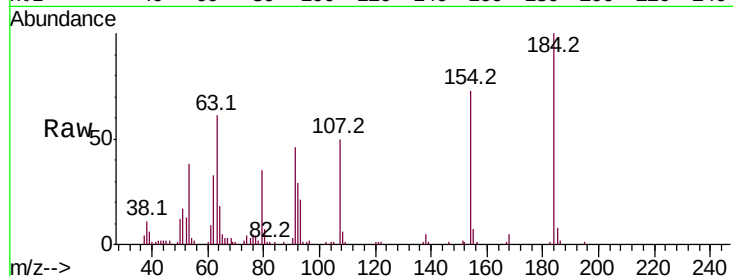
#53
2,4-Dinitrophenol
Concen: 57.540 ng
RT: 14.76 min Scan# 1953
Delta R.T. 0.00 min
Lab File: BG036017.D
Acq: 1 Aug 2018 1:17

Instrument :
BNA_G
ClientSampleId :
SU-03-072718MS

Tot Ion	Ratio	Lower	Upper
184	100		
63	61.1	59.8	89.8
154	73.0	101.8	152.8

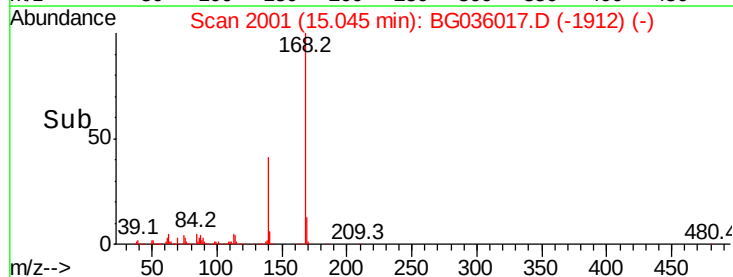
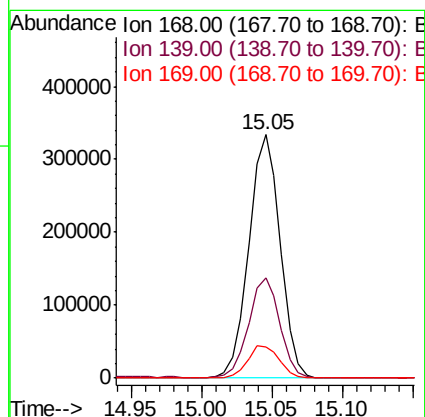
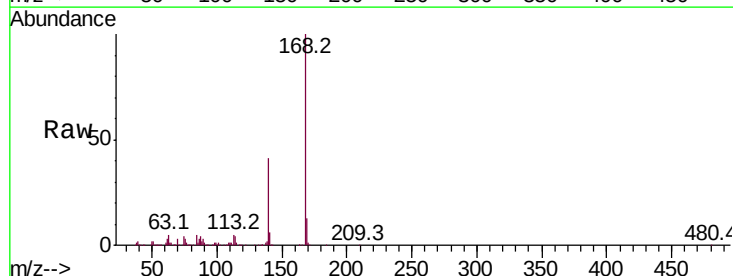
Manual Integrations
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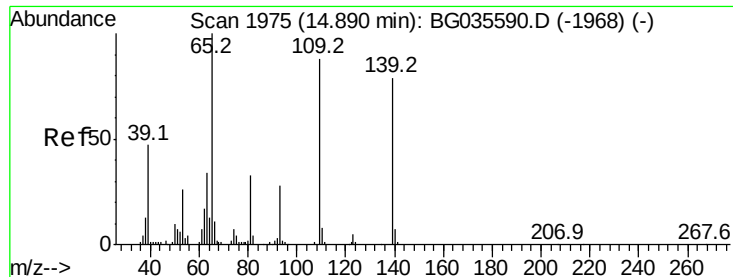
Sohil
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#54
Dibenzofuran
Concen: 49.394 ng
RT: 15.05 min Scan# 2001
Delta R.T. -0.00 min
Lab File: BG036017.D
Acq: 1 Aug 2018 1:17

Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.9	28.6	43.0
169	12.9	11.2	16.8





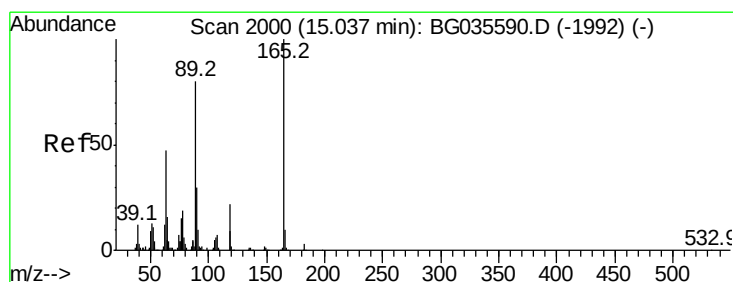
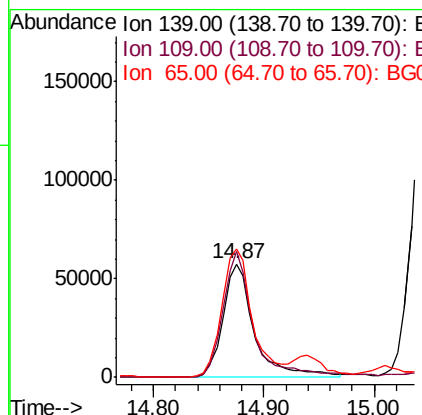
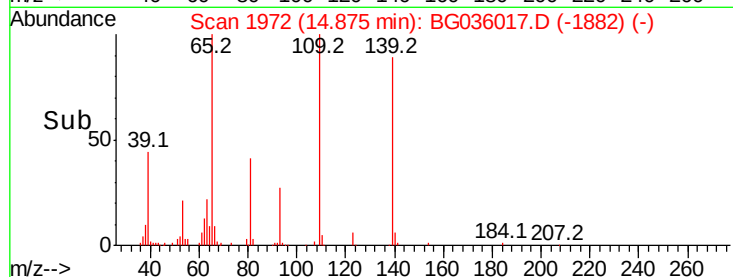
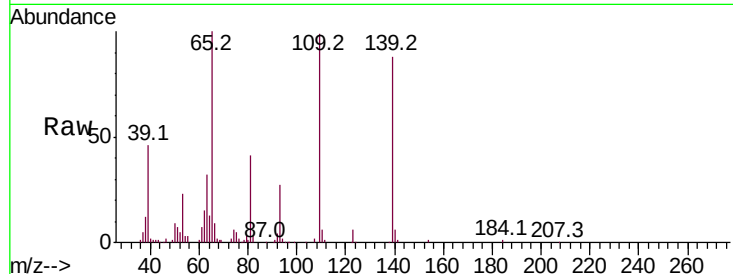
#55
4-Nitrophenol
Concen: 84.125 ng
RT: 14.87 min Scan# 1972
Delta R.T. 0.00 min
Lab File: BG036017.D
Acq: 1 Aug 2018 1:17

Instrument :
BNA_G
ClientSampleId :
SU-03-072718MS

Tot Ion	Ratio	Lower	Upper
139	100		
109	111.6	62.2	102.2#
65	113.2	97.2	137.2

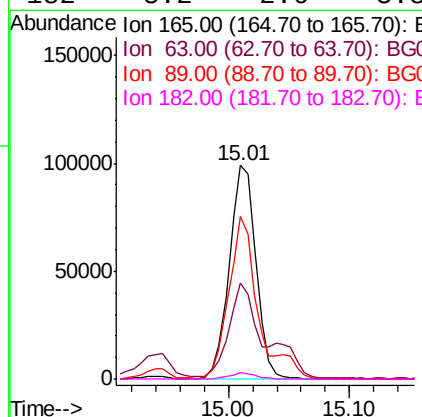
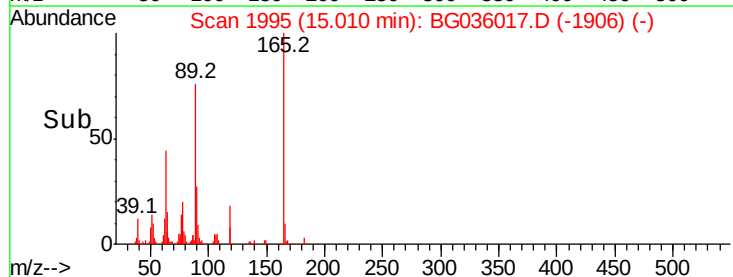
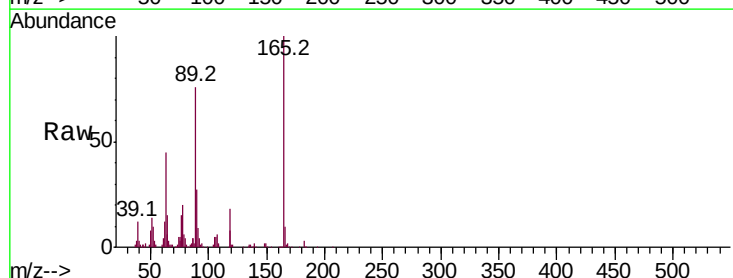
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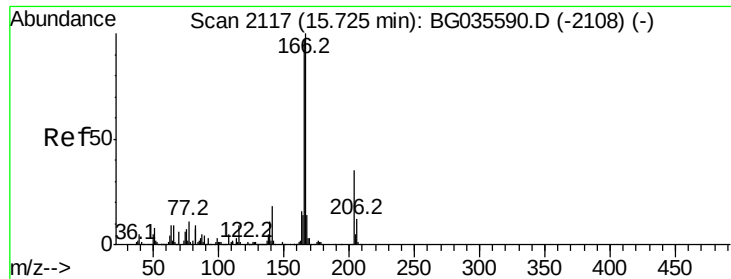
Sohil
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#56
2,4-Dinitrotoluene
Concen: 56.372 ng
RT: 15.01 min Scan# 1995
Delta R.T. -0.00 min
Lab File: BG036017.D
Acq: 1 Aug 2018 1:17

Tgt Ion	Ratio	Lower	Upper
165	100		
63	44.7	42.0	63.0
89	76.1	66.9	100.3
182	3.2	2.6	3.8





#57

Fluorene

Concen: 49.664 ng

RT: 15.69 min Scan# 2111

Delta R.T. -0.00 min

Lab File: BG036017.D

Acq: 1 Aug 2018 1:17

Instrument :

BNA_G

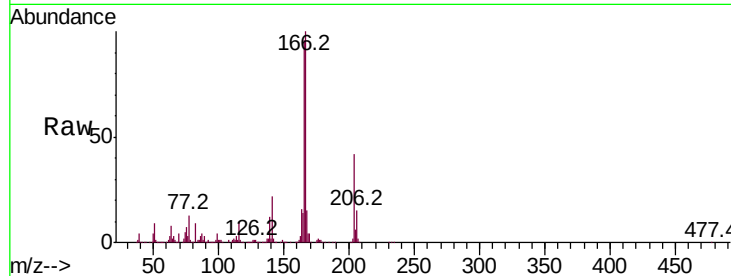
ClientSampleId :

SU-03-072718MS

Tot Ion:	166	Resp:	437826
Ion Ratio	Lower	Upper	
166	100		
165	95.8	80.6	121.0
167	14.9	10.4	15.6

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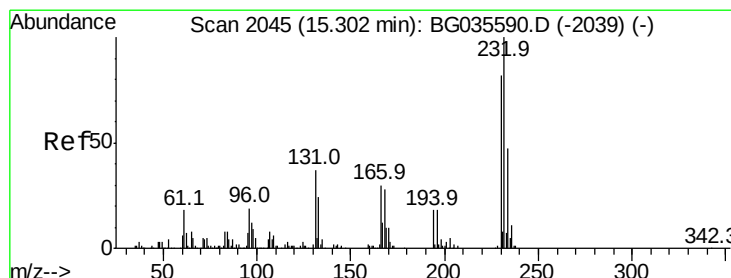
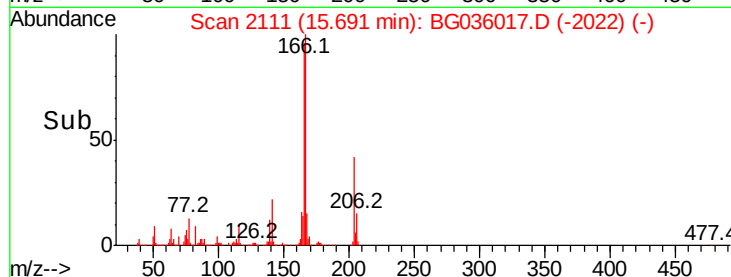
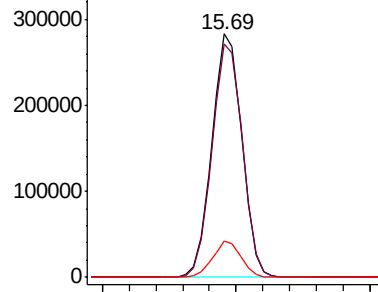


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 57.418 ng

RT: 15.27 min Scan# 2040

Delta R.T. -0.00 min

Lab File: BG036017.D

Acq: 1 Aug 2018 1:17

Tgt Ion:	232	Resp:	142866
Ion Ratio	Lower	Upper	
232	100		
131	36.9	33.5	50.3
130	2.4	2.2	3.2
166	29.0	24.8	37.2

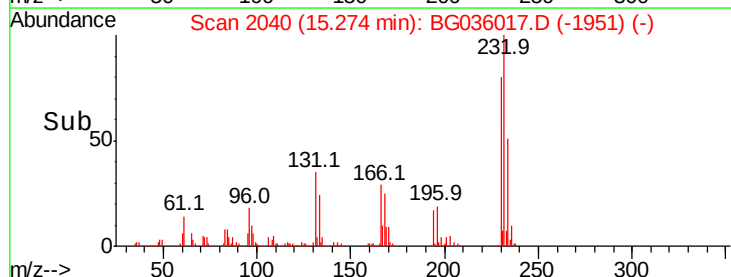
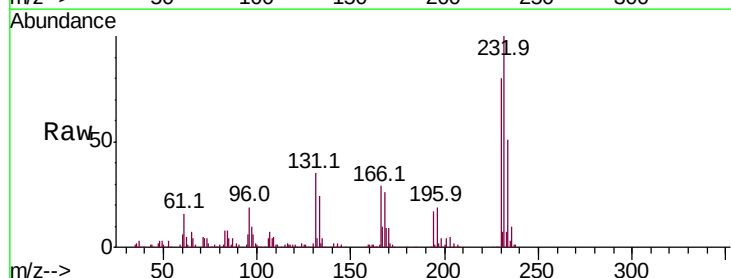
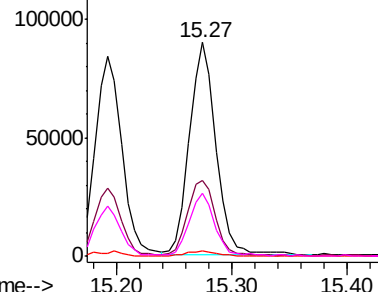
Abundance

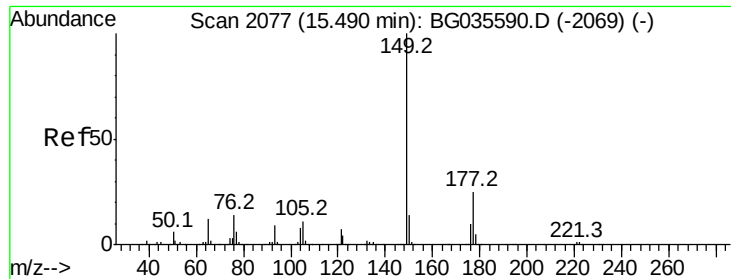
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





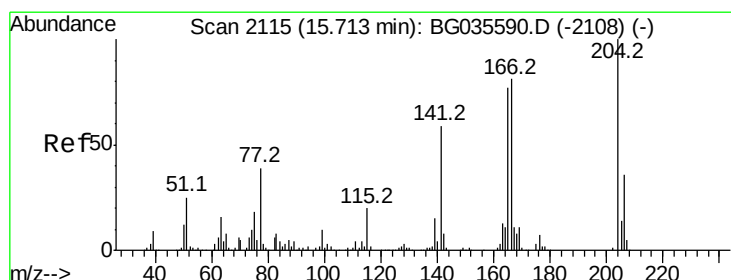
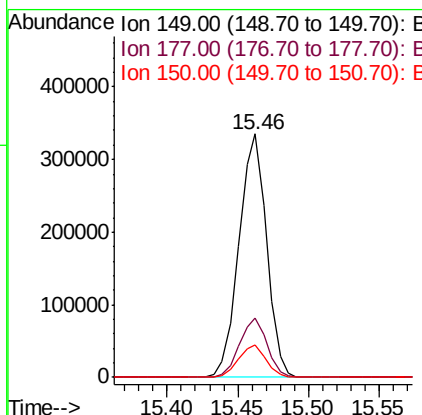
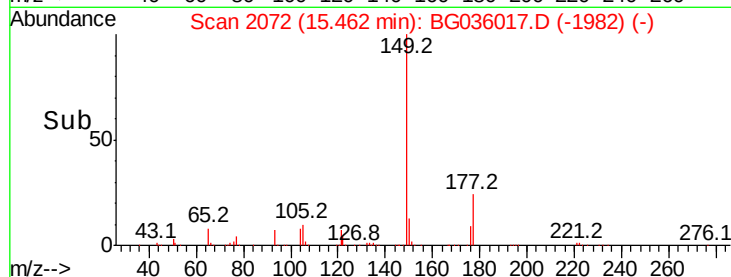
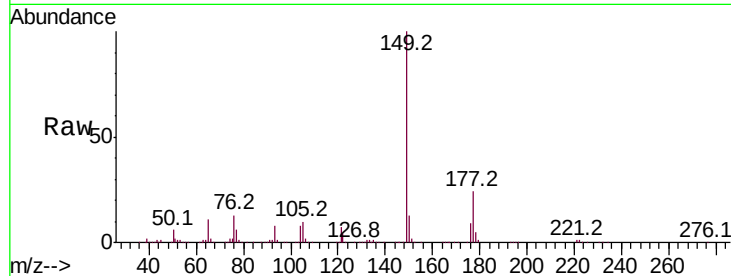
#59
Diethylphthalate
Concen: 47.940 ng
RT: 15.46 min Scan# 2072
Delta R.T. 0.00 min
Lab File: BG036017.D
Acq: 1 Aug 2018 1:17

Instrument :
BNA_G
ClientSampleId :
SU-03-072718MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	453915		
177	24.2	18.5	27.7	
150	13.4	10.2	15.2	

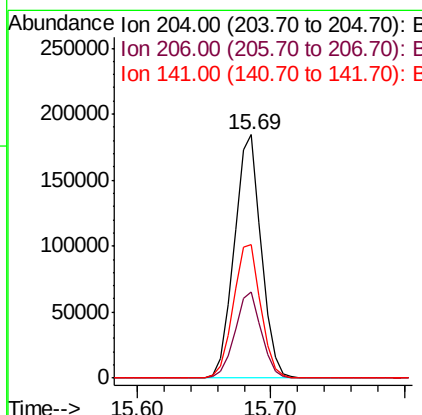
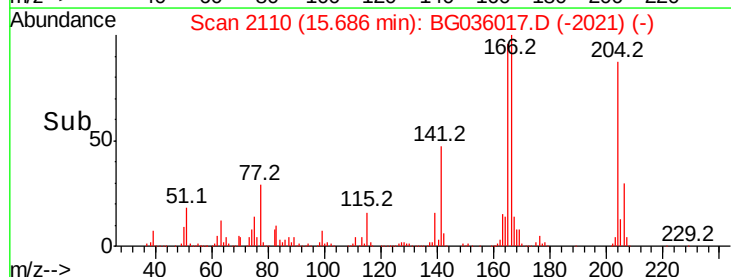
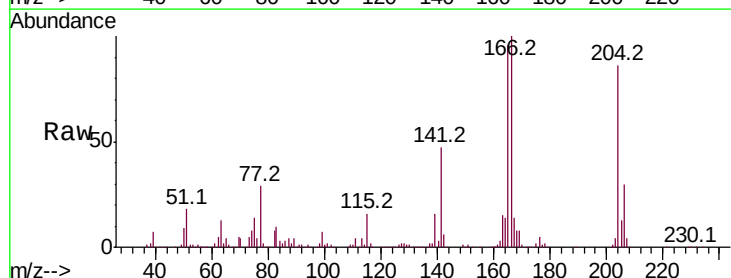
Manual Integrations
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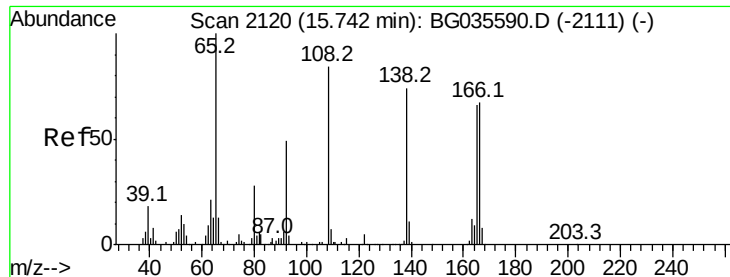
Sohil
8/1/2018 5:08:57 PM



#60
4-Chlorophenyl-phenylether
Concen: 49.599 ng
RT: 15.69 min Scan# 2110
Delta R.T. -0.00 min
Lab File: BG036017.D
Acq: 1 Aug 2018 1:17

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	256993		
206	35.2	26.2	39.2	
141	54.7	45.8	68.6	





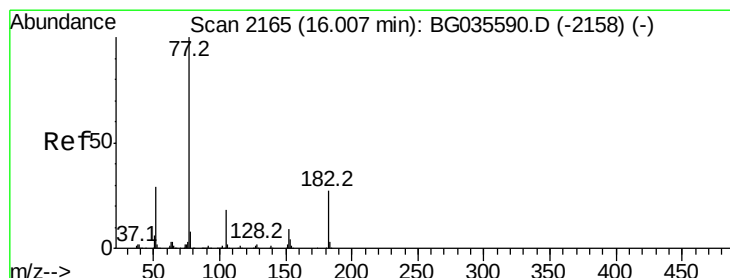
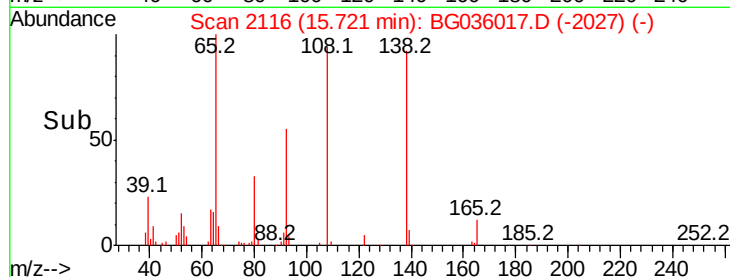
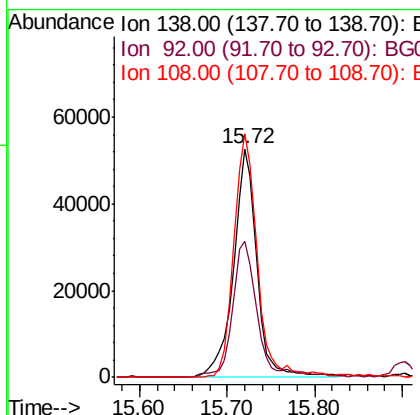
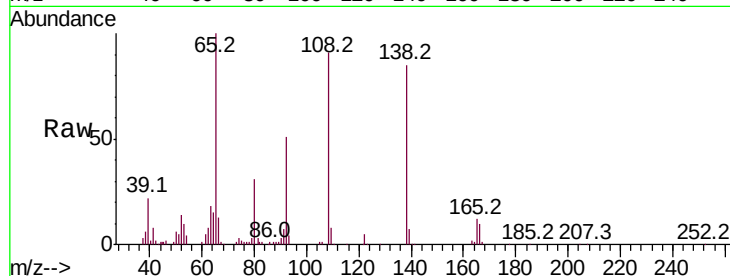
#61
4-Nitroaniline
Concen: 47.351 ng
RT: 15.72 min Scan# 2116
Delta R.T. -0.00 min
Lab File: BG036017.D
Acq: 1 Aug 2018 1:17

Instrument :
BNA_G
ClientSampleId :
SU-03-072718MS

Tot Ion	Ratio	Lower	Upper
138	100		
92	59.6	40.1	80.1
108	106.6	65.4	105.4

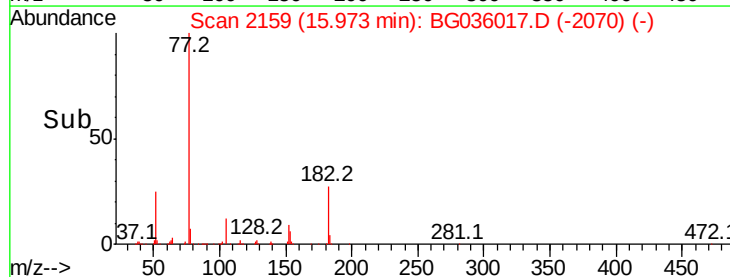
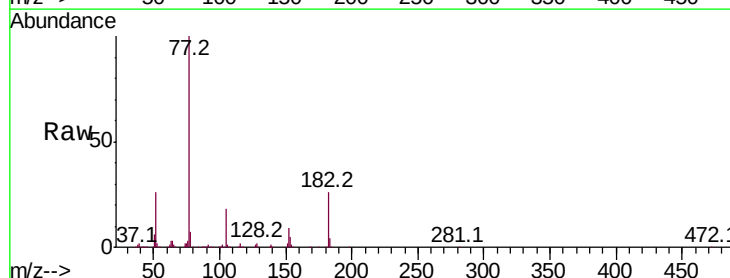
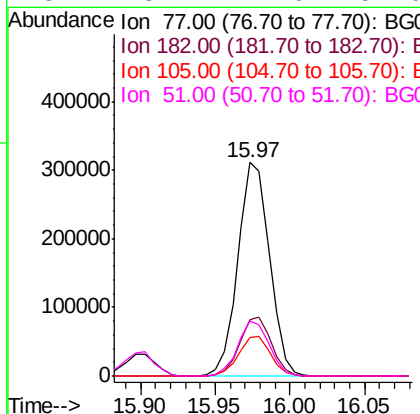
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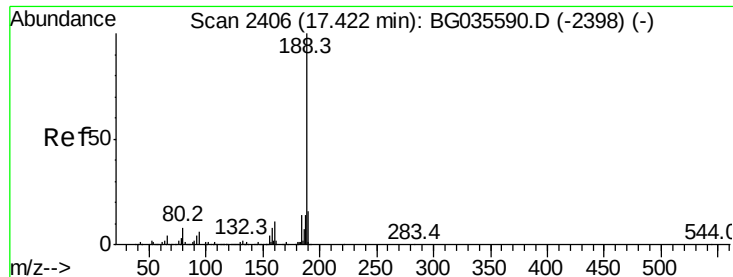
Sohil
8/1/2018 5:08:57 PM



#62
Azobenzene
Concen: 48.906 ng
RT: 15.97 min Scan# 2159
Delta R.T. -0.00 min
Lab File: BG036017.D
Acq: 1 Aug 2018 1:17

Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.4	7.4	47.4
105	18.3	0.3	40.3
51	25.7	11.6	51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.39 min Scan# 2400

Delta R.T. -0.00 min

Lab File: BG036017.D

Acq: 1 Aug 2018 1:17

Instrument :

BNA_G

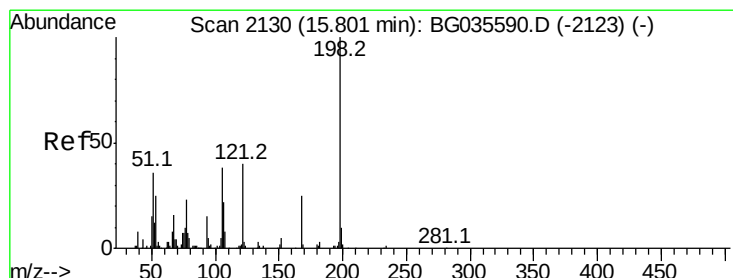
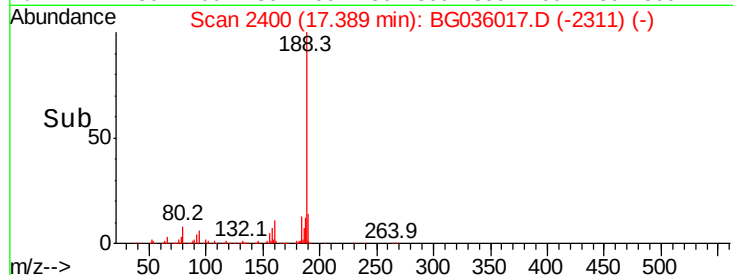
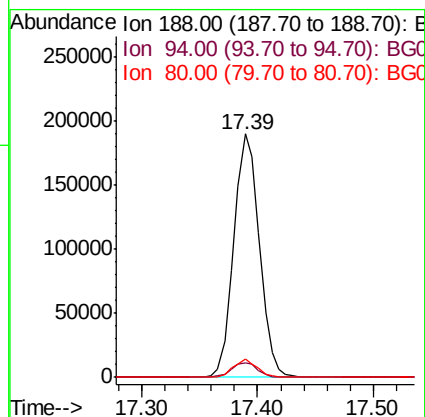
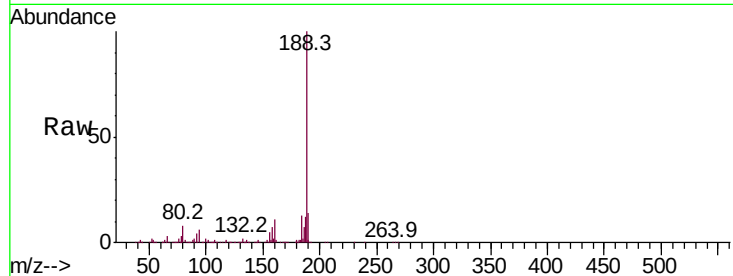
ClientSampleId :

SU-03-072718MS

Tot Ion:188	Resp:	290865
Ion Ratio	Lower	Upper
188 100		
94 5.9	6.9	10.3#
80 7.8	7.7	11.5

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#64

4,6-Dinitro-2-methylphenol

Concen: 39.137 ng

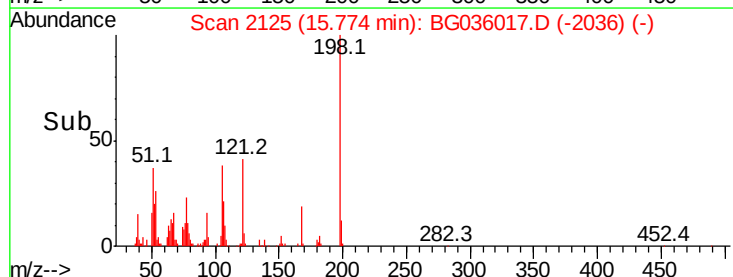
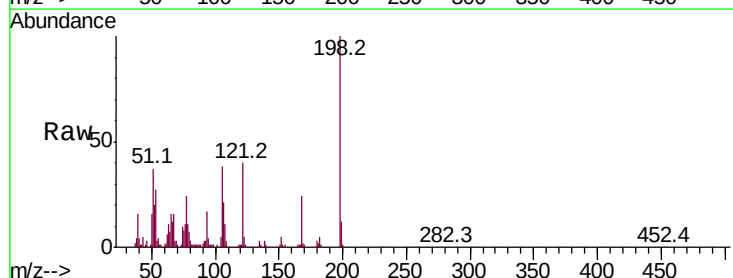
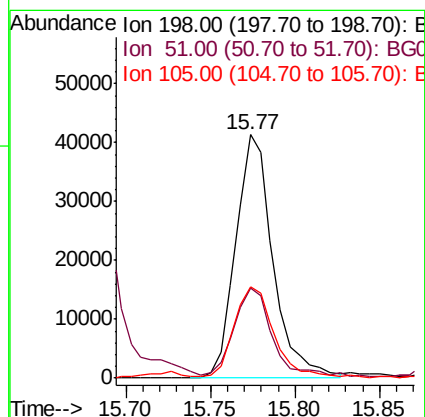
RT: 15.77 min Scan# 2125

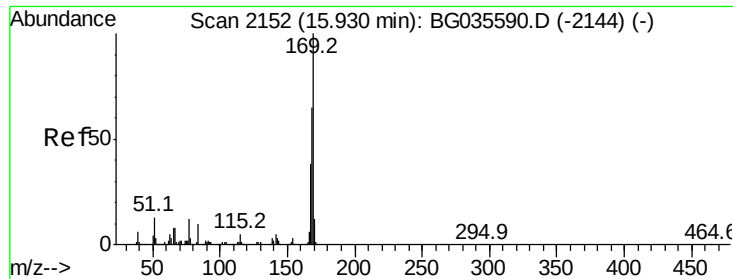
Delta R.T. -0.00 min

Lab File: BG036017.D

Acq: 1 Aug 2018 1:17

Tgt Ion:198	Resp:	63368
Ion Ratio	Lower	Upper
198 100		
51 37.1	30.6	70.6
105 37.6	23.8	63.8





#65

n-Nitrosodiphenylamine

Concen: 47.518 ng

RT: 15.90 min Scan# 2147

Delta R.T. 0.00 min

Lab File: BG036017.D

Acq: 1 Aug 2018 1:17

Instrument :

BNA_G

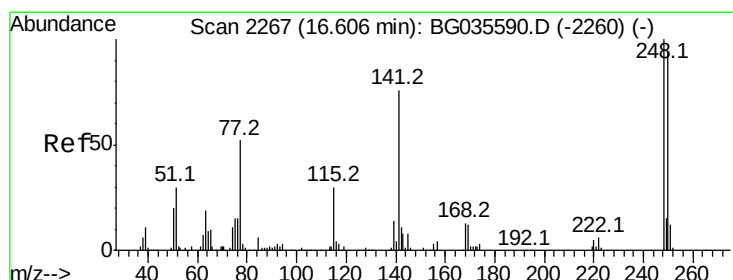
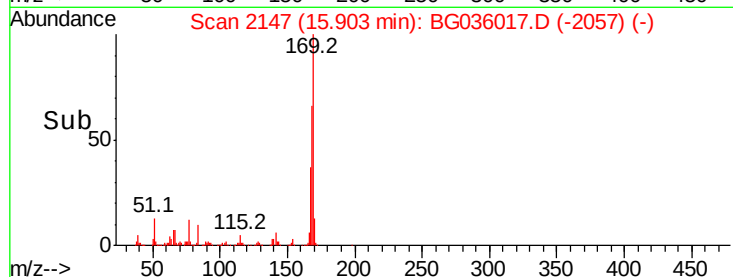
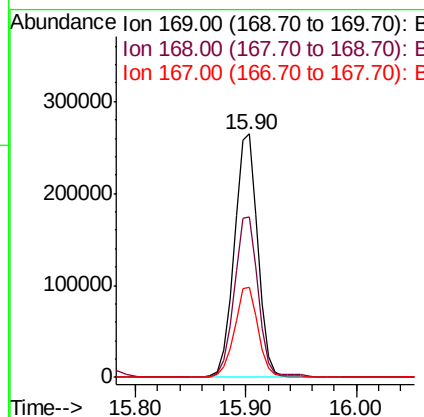
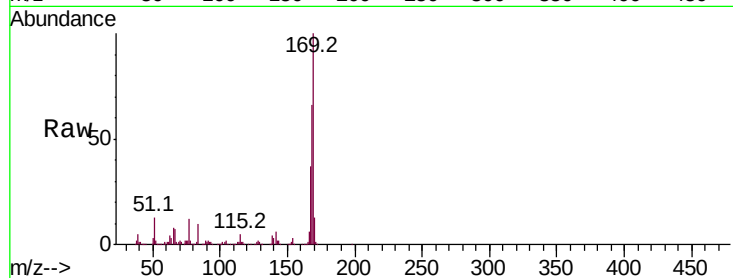
ClientSampleId :

SU-03-072718MS

Tot Ion:	169	Resp:	393409
Ion Ratio	Lower	Upper	
169	100		
168	65.8	55.7	83.5
167	37.2	30.1	45.1

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#66

4-Bromophenyl-phenylether

Concen: 50.743 ng

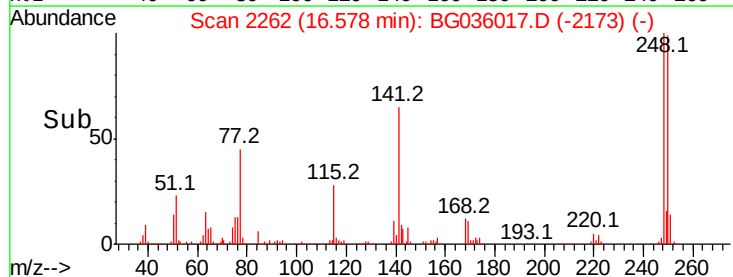
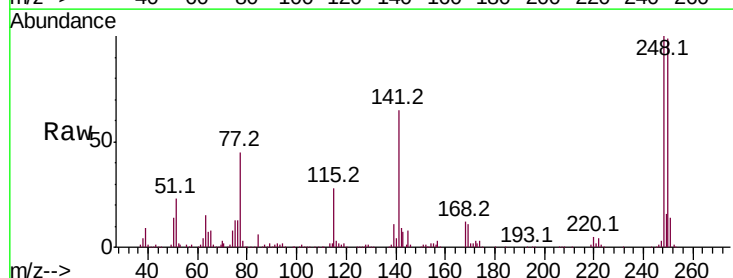
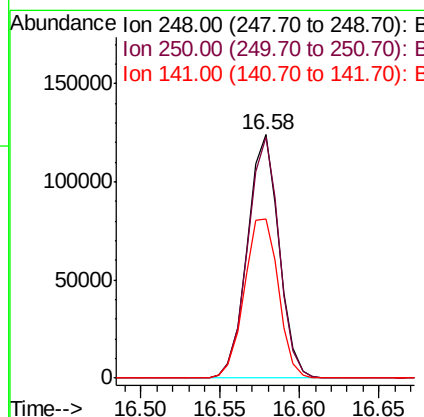
RT: 16.58 min Scan# 2262

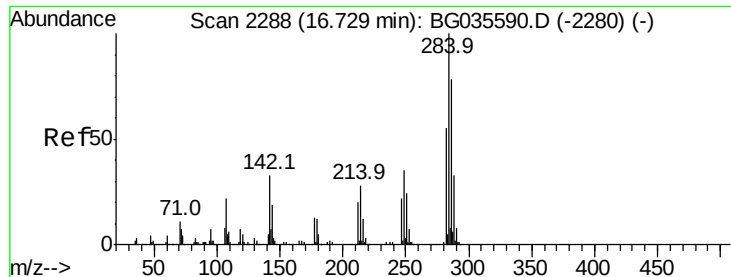
Delta R.T. -0.00 min

Lab File: BG036017.D

Acq: 1 Aug 2018 1:17

Tgt Ion:	248	Resp:	171235
Ion Ratio	Lower	Upper	
248	100		
250	99.0	77.1	115.7
141	65.3	50.8	76.2





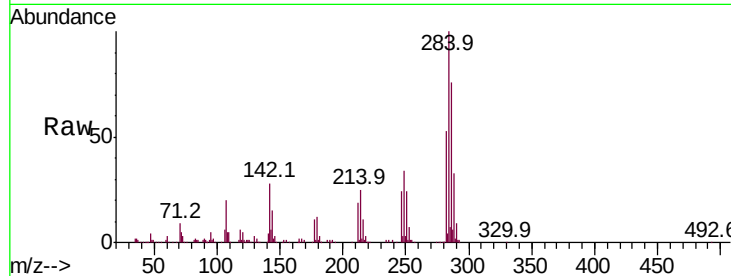
#67
Hexachlorobenzene
Concen: 50.514 ng
RT: 16.70 min Scan# 2283
Delta R.T. 0.00 min
Lab File: BG036017.D
Acq: 1 Aug 2018 1:17

Instrument :
BNA_G
ClientSampleId :
SU-03-072718MS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	28.2	26.8	40.2	
249	34.1	26.3	39.5	

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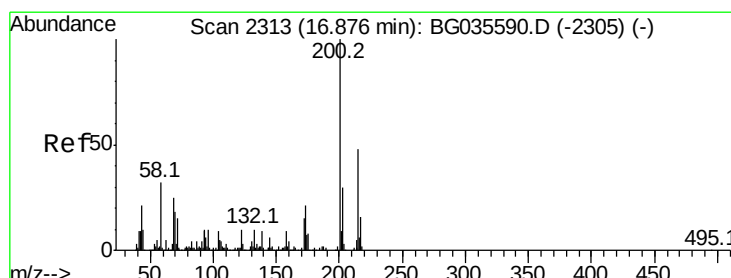
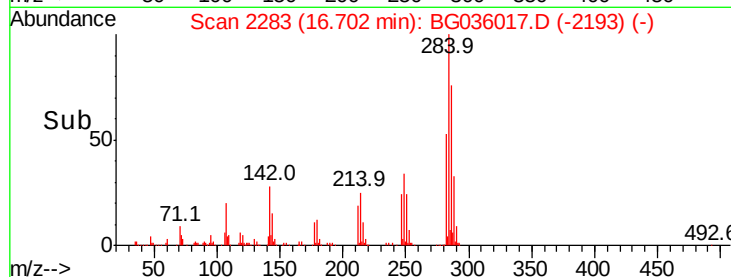
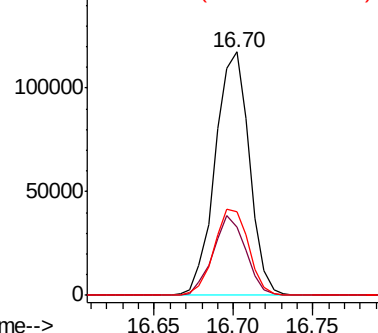


Abundance

Ion 283.80 (283.50 to 284.50): E

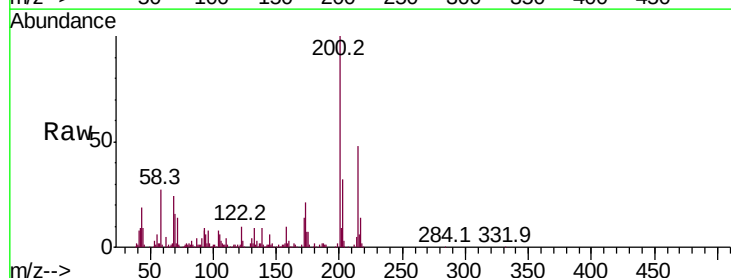
Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68
Atrazine
Concen: 49.959 ng
RT: 16.85 min Scan# 2308
Delta R.T. 0.00 min
Lab File: BG036017.D
Acq: 1 Aug 2018 1:17

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	20.9	5.2	45.2	
215	48.3	30.4	70.4	

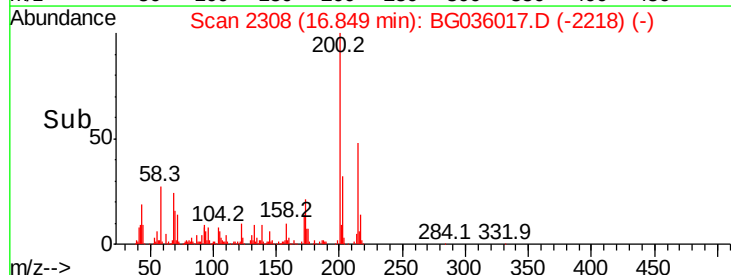
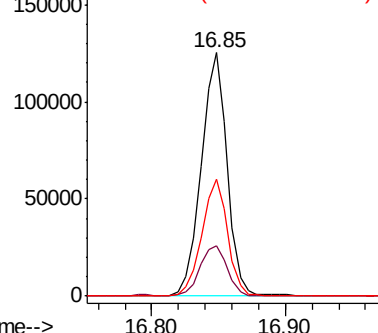


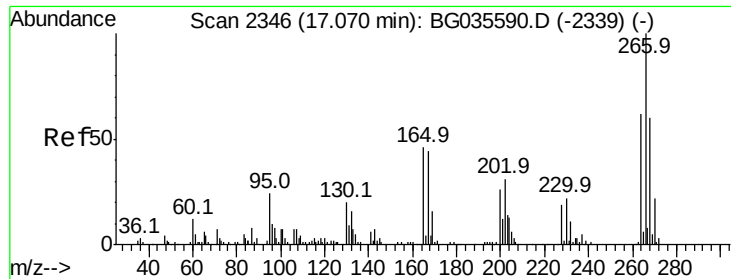
Abundance

Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





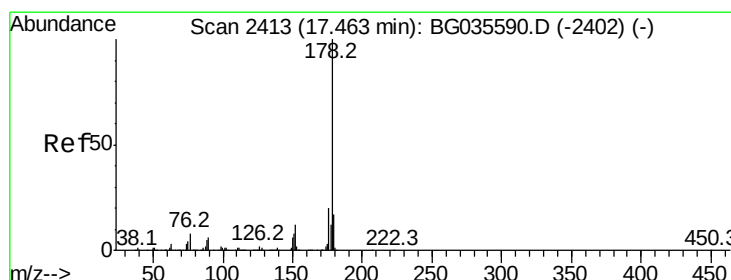
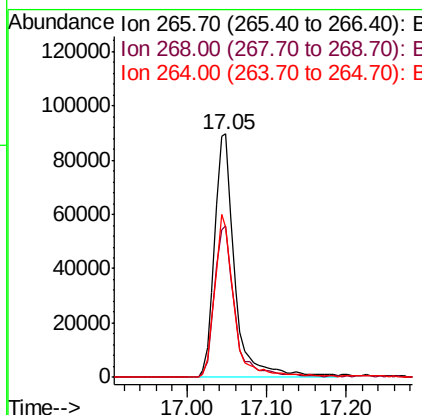
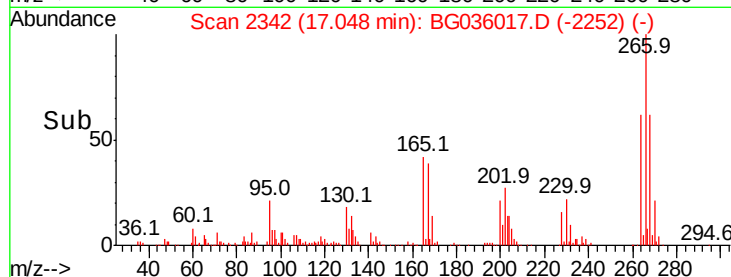
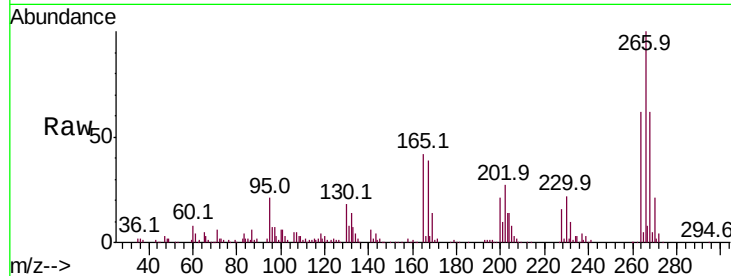
#69
 Pentachlorophenol
 Concen: 75.410 ng
 RT: 17.05 min Scan# 2342
 Delta R.T. 0.00 min
 Lab File: BG036017.D
 Acq: 1 Aug 2018 1:17

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-072718MS

Tot Ion	Ratio	Lower	Upper
266	100		
268	62.1	51.1	76.7
264	61.7	49.6	74.4

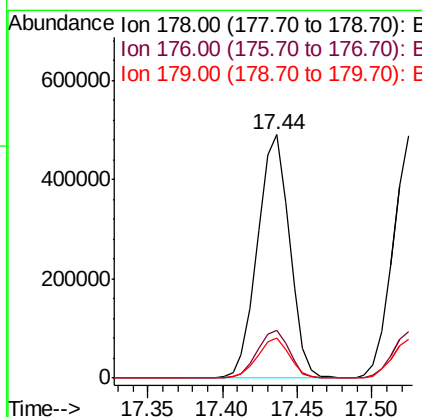
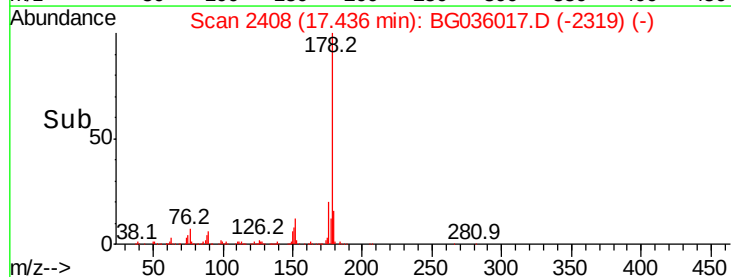
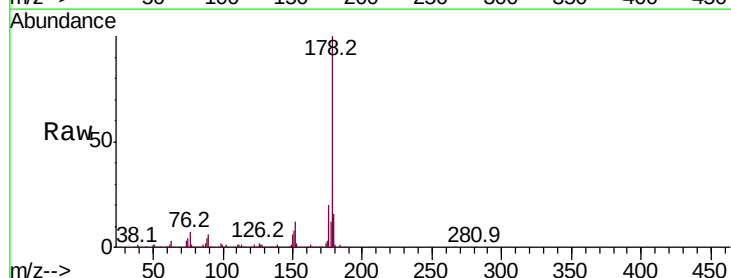
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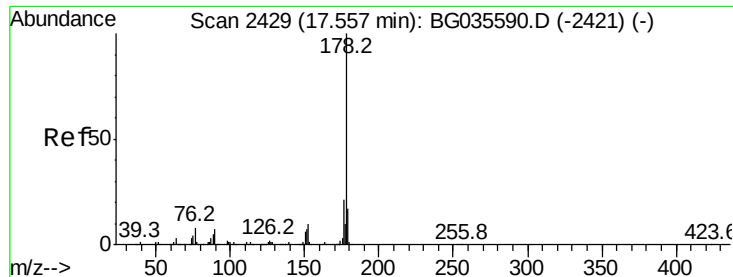
Sohil
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#70
 Phenanthrene
 Concen: 50.007 ng
 RT: 17.44 min Scan# 2408
 Delta R.T. -0.00 min
 Lab File: BG036017.D
 Acq: 1 Aug 2018 1:17

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.7	23.5
179	16.3	12.5	18.7





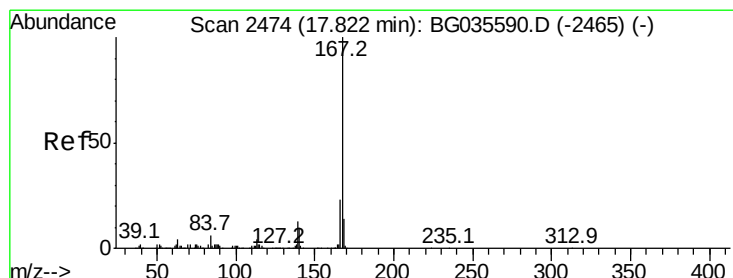
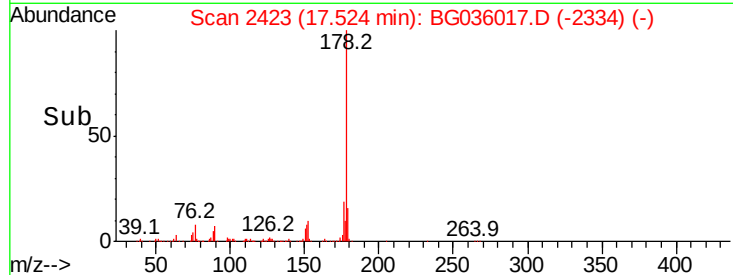
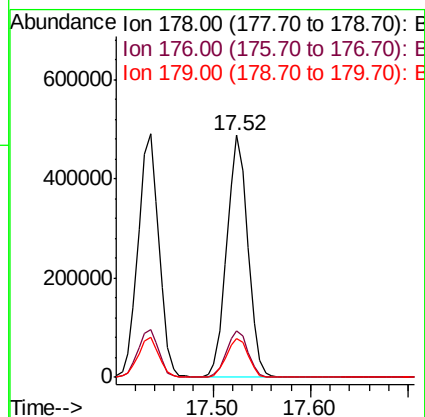
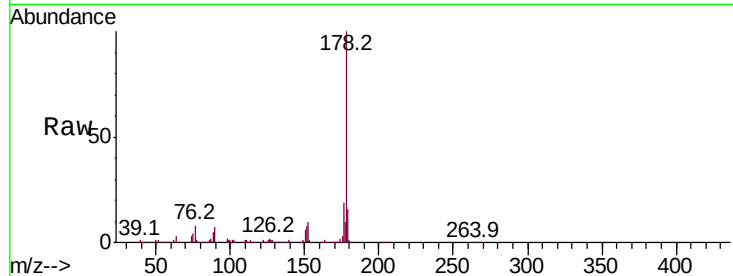
#71
 Anthracene
 Concen: 50.566 ng
 RT: 17.52 min Scan# 2423
 Delta R.T. -0.00 min
 Lab File: BG036017.D
 Acq: 1 Aug 2018 1:17

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-072718MS

Tot Ion:178	Resp: 730761
Ion Ratio	Lower Upper
178 100	
176 19.3	16.0 24.0
179 16.2	12.5 18.7

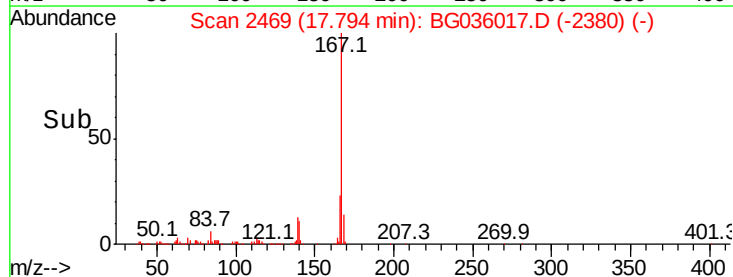
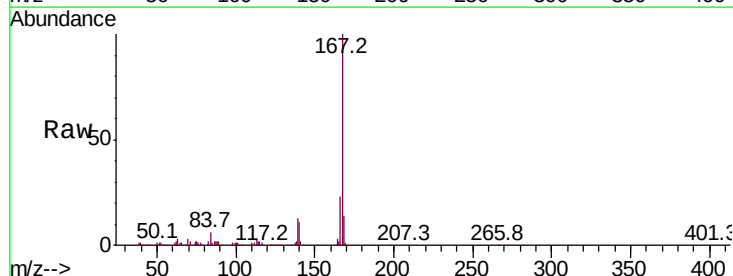
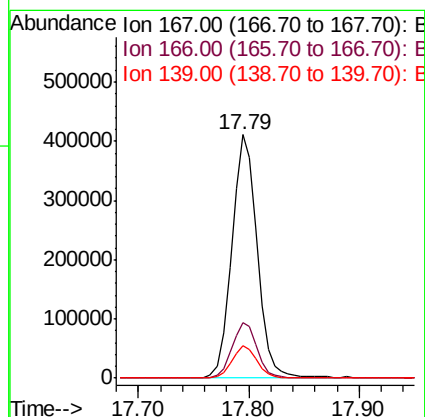
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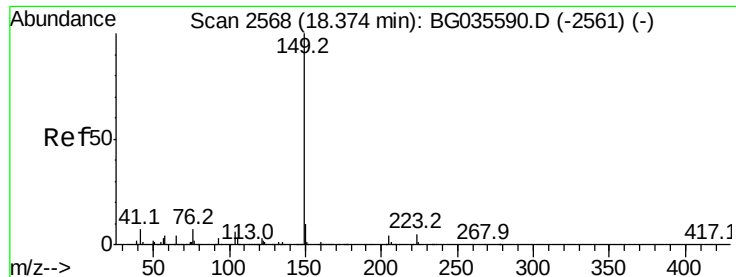
Sohil
 8/1/2018 5:08:57 PM



#72
 Carbazole
 Concen: 48.162 ng
 RT: 17.79 min Scan# 2469
 Delta R.T. -0.00 min
 Lab File: BG036017.D
 Acq: 1 Aug 2018 1:17

Tgt Ion:167	Resp: 660994
Ion Ratio	Lower Upper
167 100	
166 22.9	18.2 27.4
139 13.1	9.4 14.2





#73

Di-n-butylphthalate

Concen: 46.755 ng

RT: 18.35 min Scan# 2563

Delta R.T. -0.00 min

Lab File: BG036017.D

Acq: 1 Aug 2018 1:17

Instrument :

BNA_G

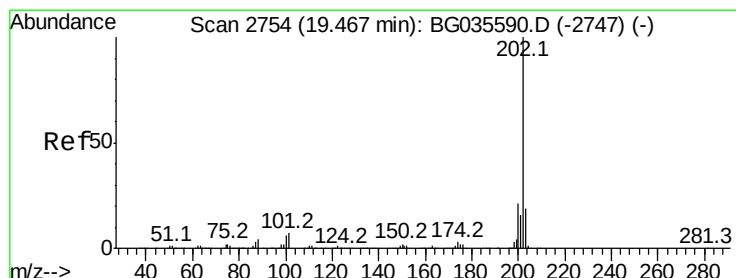
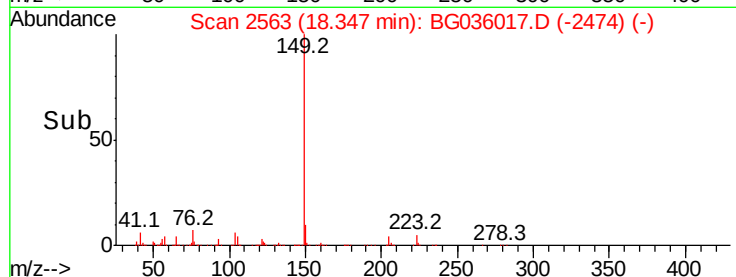
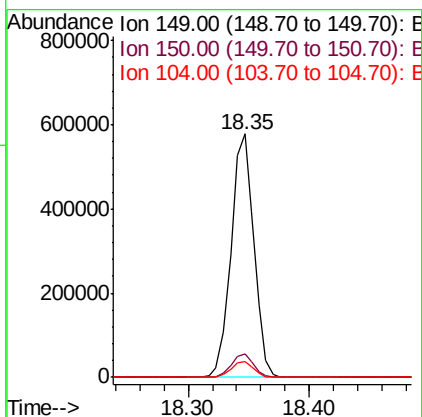
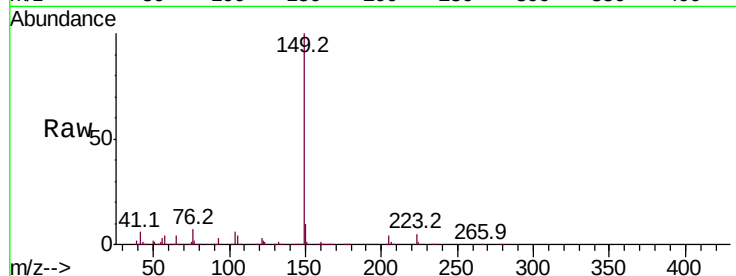
ClientSampleId :

SU-03-072718MS

Tot Ion:	149	Resp:	758297
Ion Ratio	Lower	Upper	
149	100		
150	9.7	7.8	11.6
104	6.4	3.9	5.9#

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#74

Fluoranthene

Concen: 48.066 ng

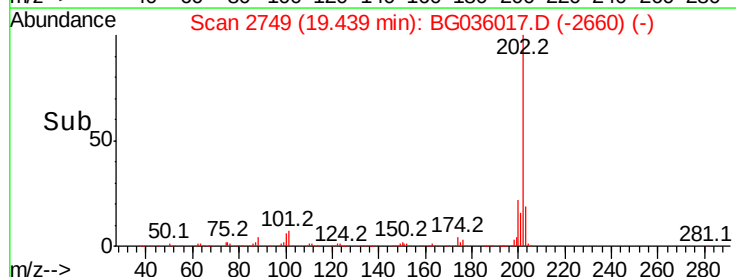
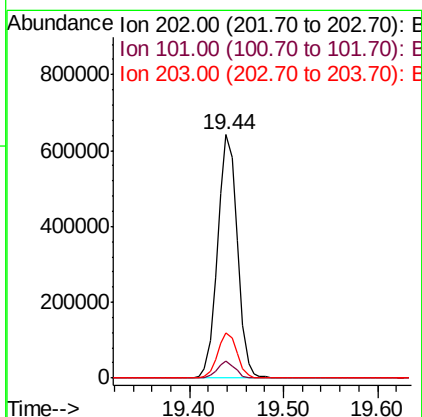
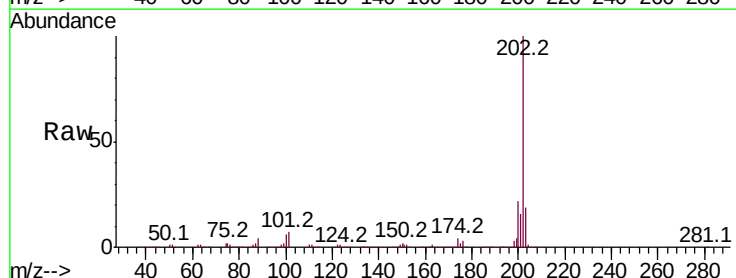
RT: 19.44 min Scan# 2749

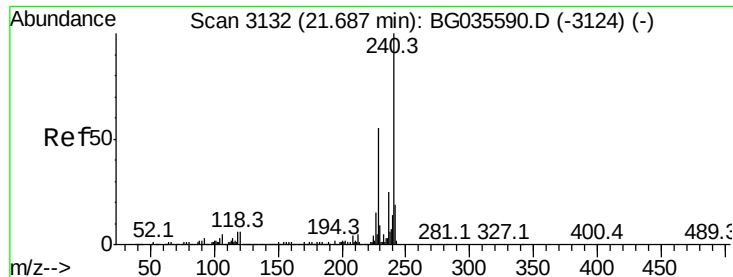
Delta R.T. -0.00 min

Lab File: BG036017.D

Acq: 1 Aug 2018 1:17

Tgt Ion:	202	Resp:	939674
Ion Ratio	Lower	Upper	
202	100		
101	7.0	0.0	28.9
203	18.8	0.0	37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.65 min Scan# 3126

Delta R.T. -0.00 min

Lab File: BG036017.D

Acq: 1 Aug 2018 1:17

Instrument :

BNA_G

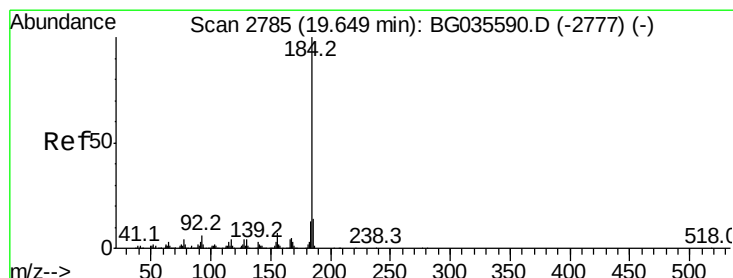
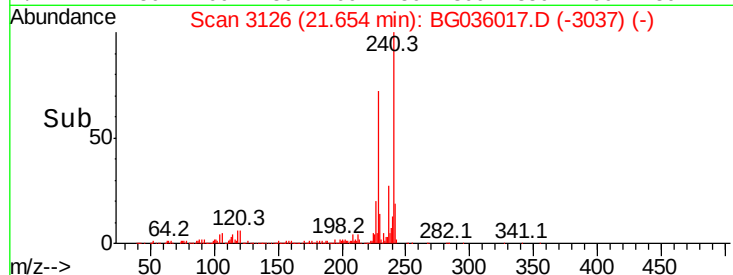
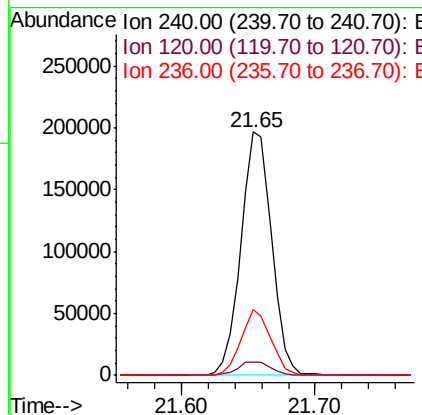
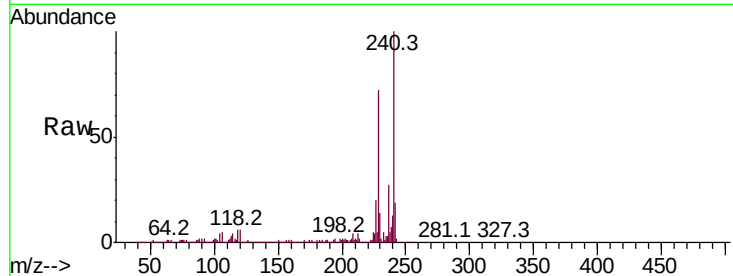
ClientSampleId :

SU-03-072718MS

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	5.6	6.8	10.2#	
236	27.0	20.9	31.3	

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#76

Benzidine

Concen: 8.032 ng m

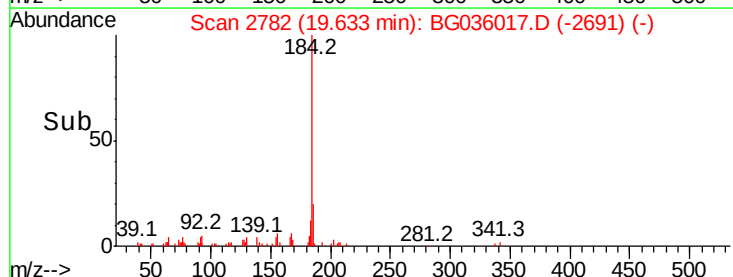
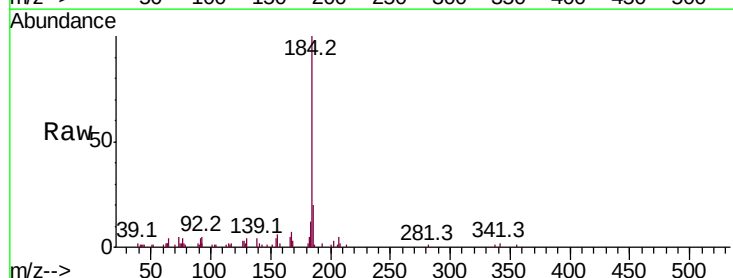
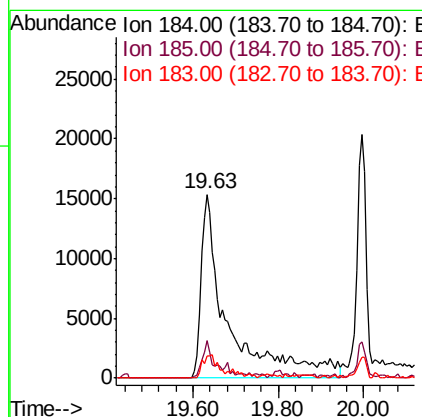
RT: 19.63 min Scan# 2782

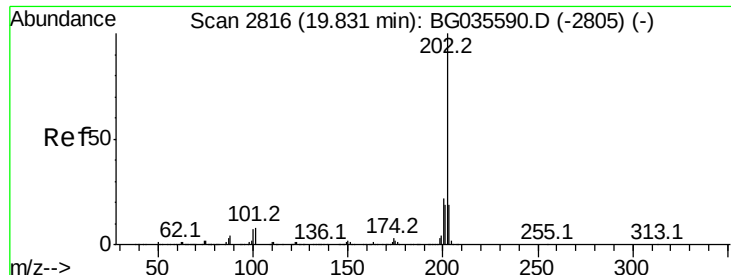
Delta R.T. 0.01 min

Lab File: BG036017.D

Acq: 1 Aug 2018 1:17

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
185	20.3	11.1	16.7#	
183	12.0	10.6	16.0	





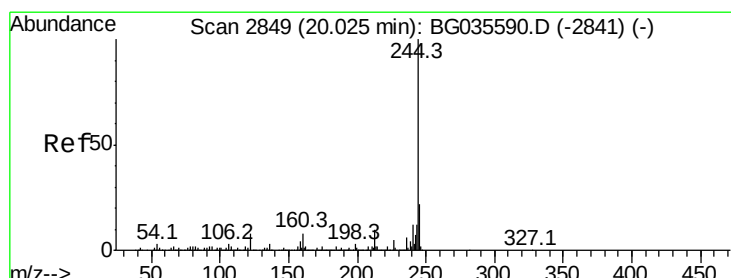
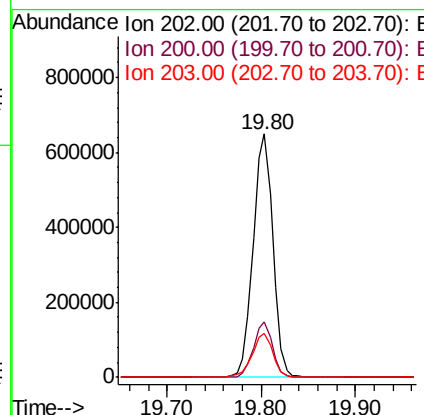
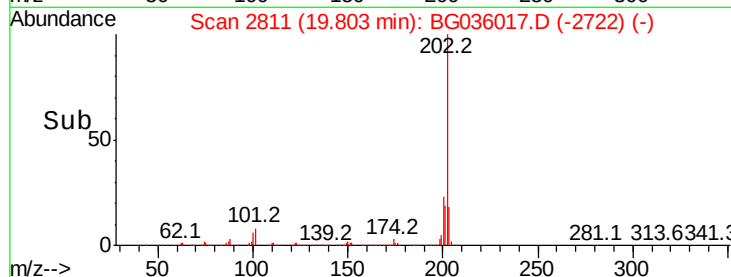
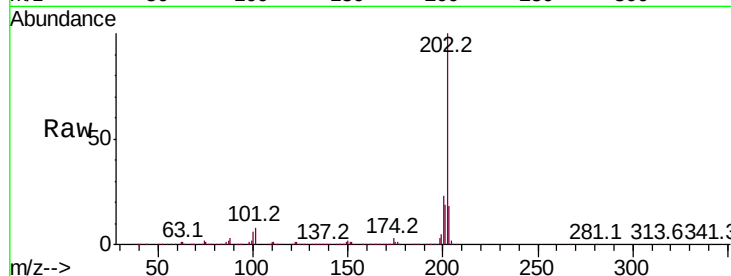
#77
Pvrene
Concen: 47.784 ng
RT: 19.80 min Scan# 2811
Delta R.T. -0.00 min
Lab File: BG036017.D
Acq: 1 Aug 2018 1:17

Instrument :
BNA_G
ClientSampleId :
SU-03-072718MS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	22.9	16.9	25.3
203	18.1	13.9	20.9

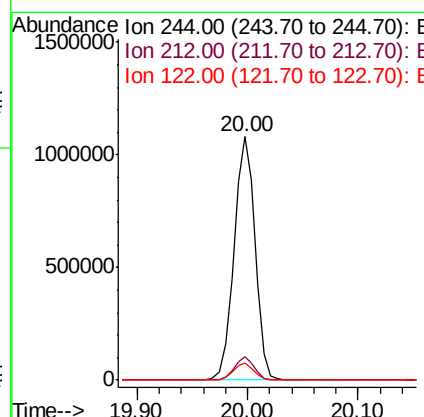
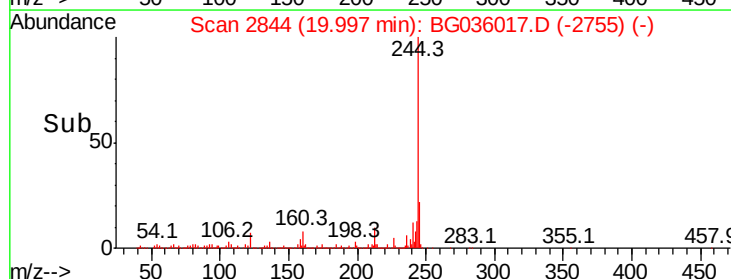
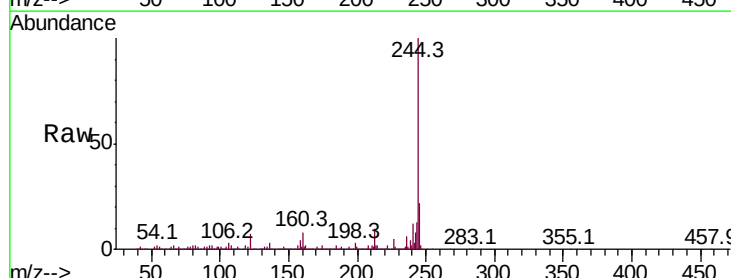
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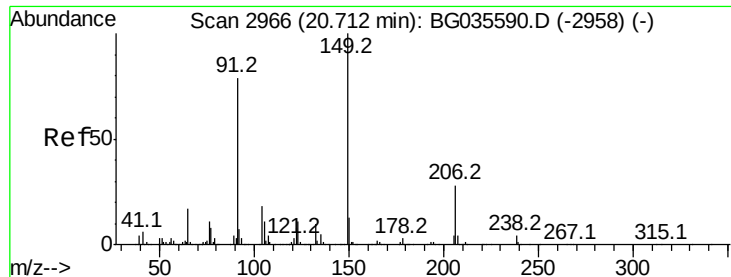
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#78
Terphenyl-d14
Concen: 101.538 ng
RT: 20.00 min Scan# 2844
Delta R.T. -0.00 min
Lab File: BG036017.D
Acq: 1 Aug 2018 1:17

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	9.8	5.8	8.8#
122	6.9	7.0	10.4#





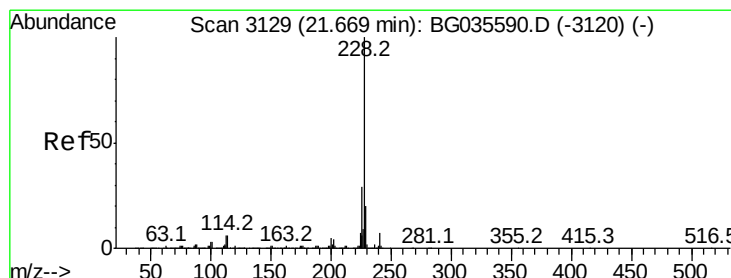
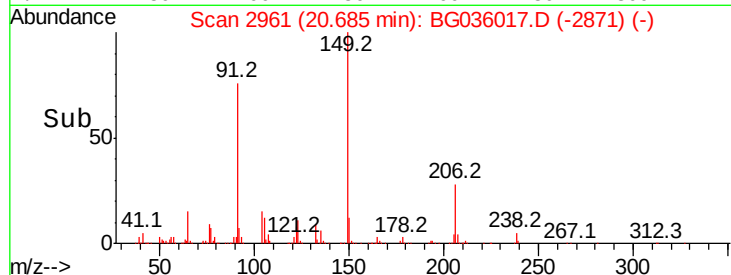
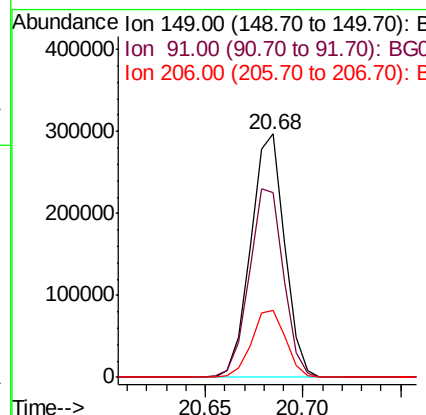
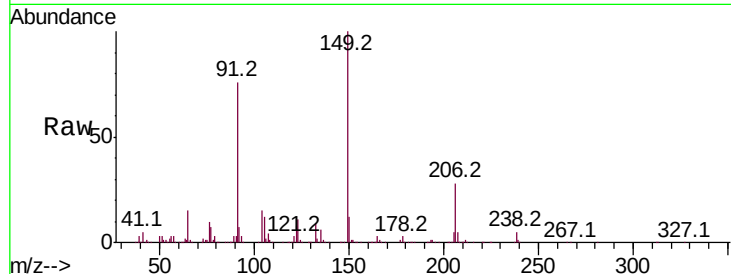
#79
Butylbenzylphthalate
Concen: 50.509 ng
RT: 20.68 min Scan# 2961
Delta R.T. 0.00 min
Lab File: BG036017.D
Acq: 1 Aug 2018 1:17

Instrument :
BNA_G
ClientSampleId :
SU-03-072718MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	357599		
91	75.8	62.2	93.2	
206	27.6	18.6	27.8	

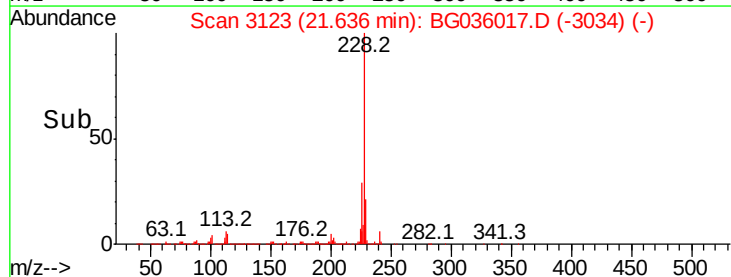
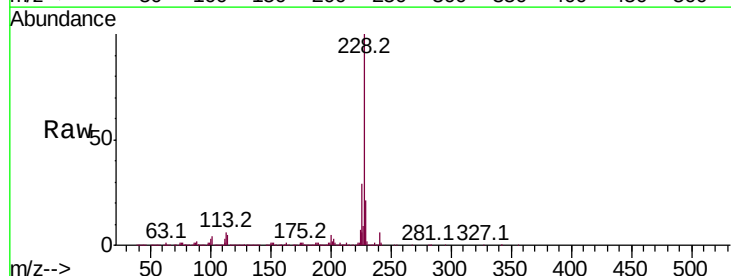
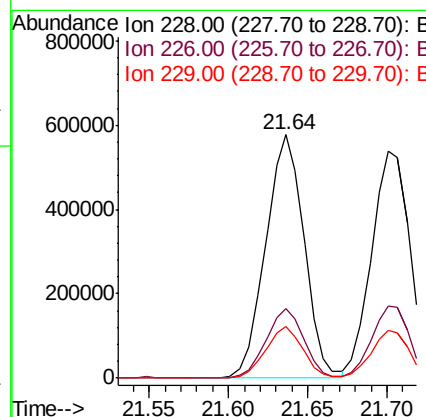
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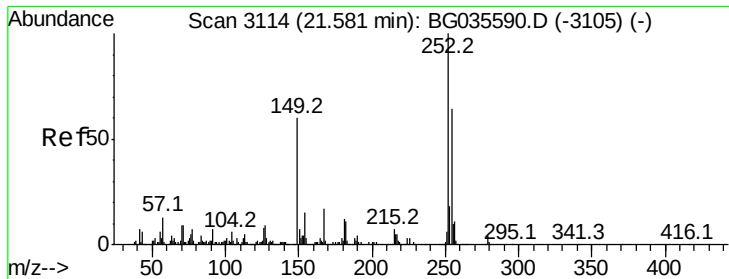
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#80
Benzo(a)anthracene
Concen: 49.930 ng
RT: 21.64 min Scan# 3123
Delta R.T. -0.00 min
Lab File: BG036017.D
Acq: 1 Aug 2018 1:17

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	974232		
226	28.8	22.7	34.1	
229	21.1	16.2	24.2	





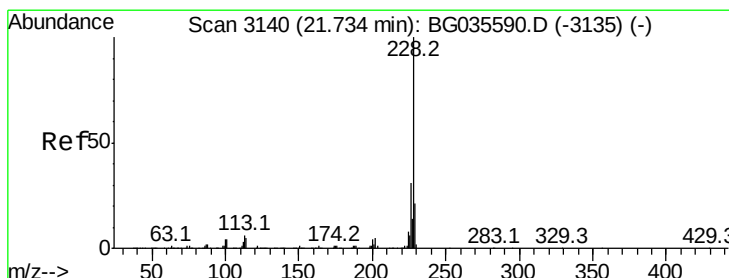
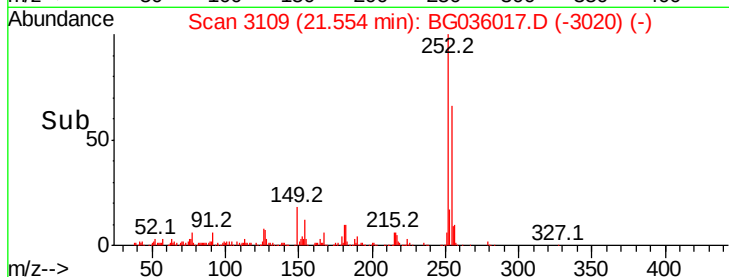
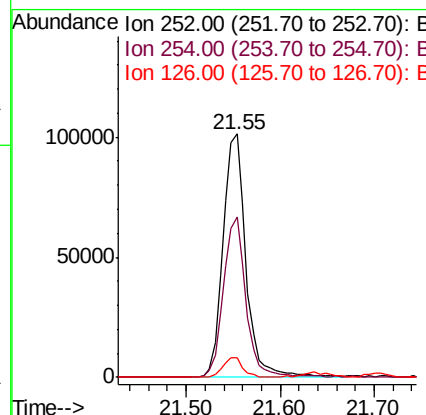
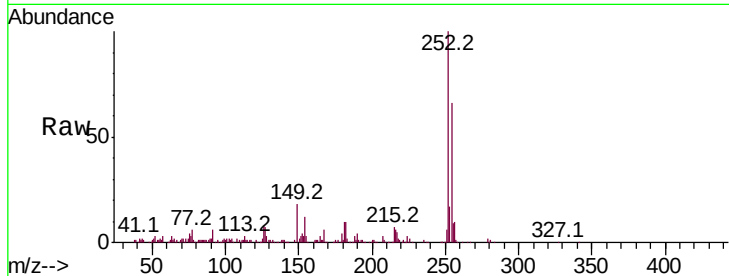
#81
 3,3'-Dichlorobenzidine
 Concen: 25.491 ng
 RT: 21.55 min Scan# 3109
 Delta R.T. -0.00 min
 Lab File: BG036017.D
 Acq: 1 Aug 2018 1:17

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-072718MS

Tot Ion	Ratio	Lower	Upper
252	100		
254	66.0	50.8	76.2
126	7.8	7.4	11.2

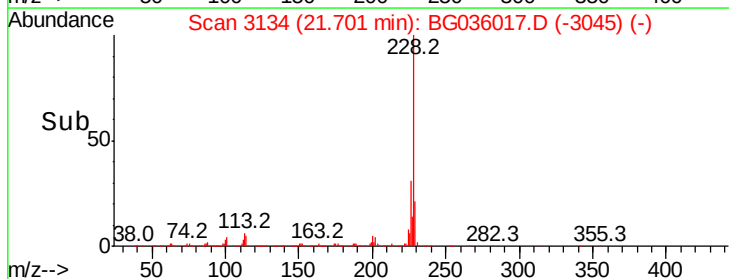
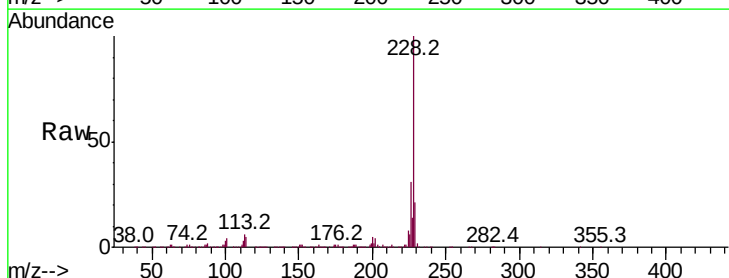
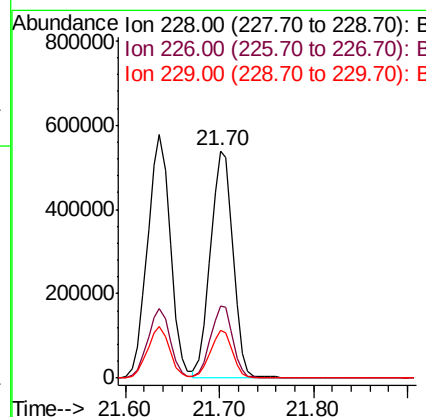
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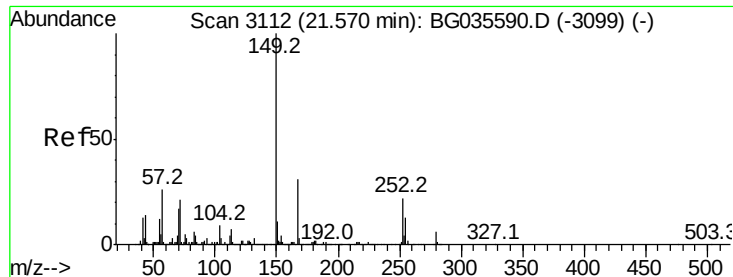
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#82
 Chrysene
 Concen: 50.412 ng
 RT: 21.70 min Scan# 3134
 Delta R.T. -0.00 min
 Lab File: BG036017.D
 Acq: 1 Aug 2018 1:17

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.9	37.3
229	21.2	15.0	22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 52.069 ng

RT: 21.54 min Scan# 3106

Delta R.T. -0.00 min

Lab File: BG036017.D

Acq: 1 Aug 2018 1:17

Instrument :

BNA_G

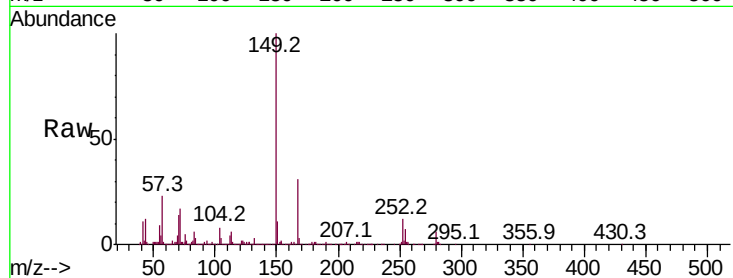
ClientSampleId :

SU-03-072718MS

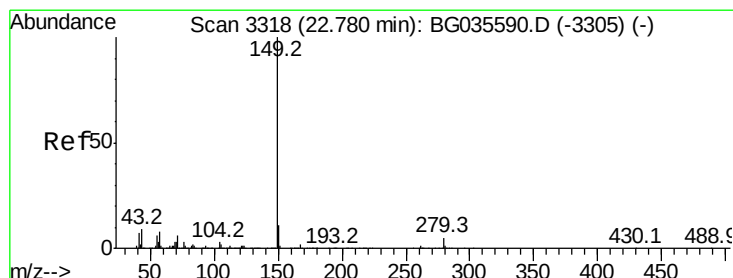
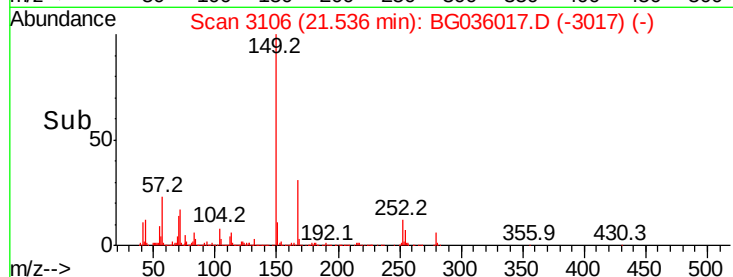
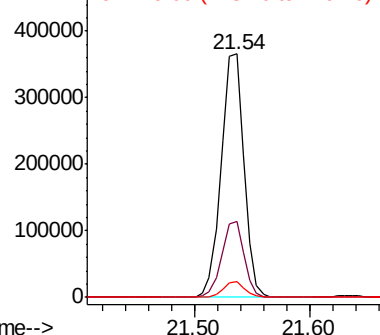
Tot Ion:	149	Resp:	501175
Ion Ratio	Lower	Upper	
149	100		
167	31.3	24.3	36.5
279	6.5	4.0	6.0#

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



#84

Di-n-octyl phthalate

Concen: 53.251 ng

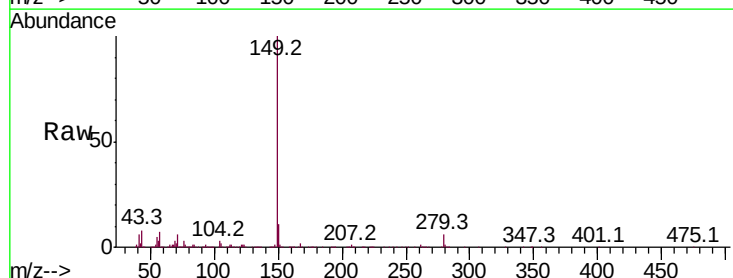
RT: 22.73 min Scan# 3310

Delta R.T. -0.00 min

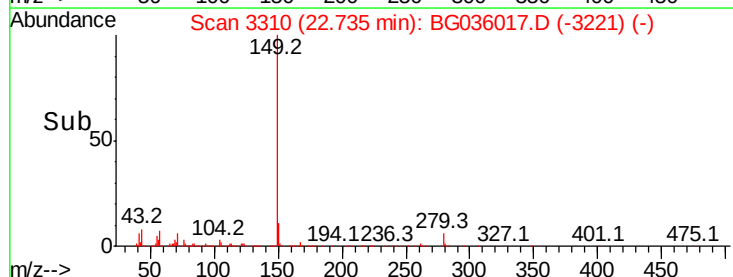
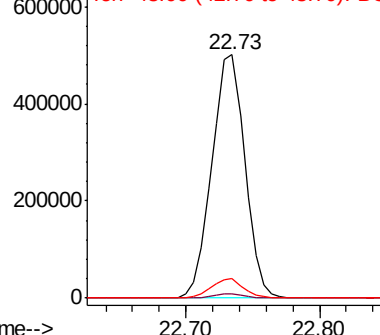
Lab File: BG036017.D

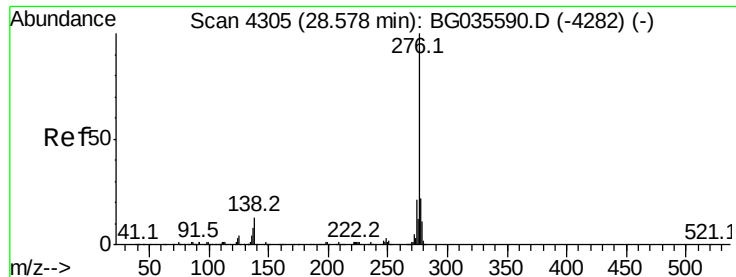
Acq: 1 Aug 2018 1:17

Tgt Ion:	149	Resp:	858196
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.4	2.0
43	7.8	8.9	13.3#



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





#85

Indeno(1,2,3-cd)pyrene

Concen: 52.351 ng

RT: 28.50 min Scan# 4292

Delta R.T. 0.00 min

Lab File: BG036017.D

Acq: 1 Aug 2018 1:17

Instrument :

BNA_G

ClientSampleId :

SU-03-072718MS

Tot Ion:276 Resp: 1047989

Ion Ratio Lower Upper

276 100

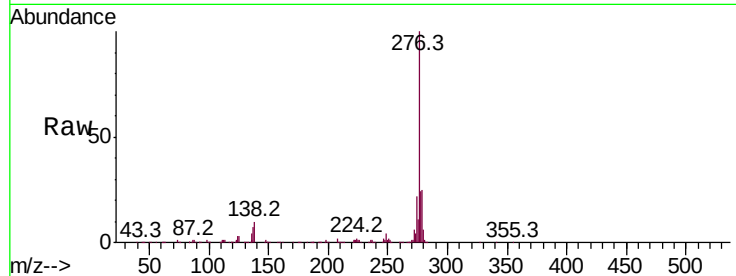
138 14.0 16.0 24.0#

277 26.1 20.0 30.0

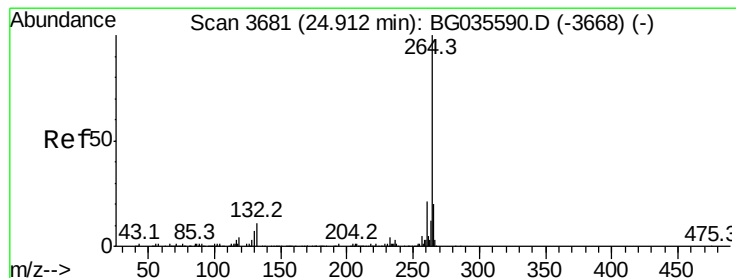
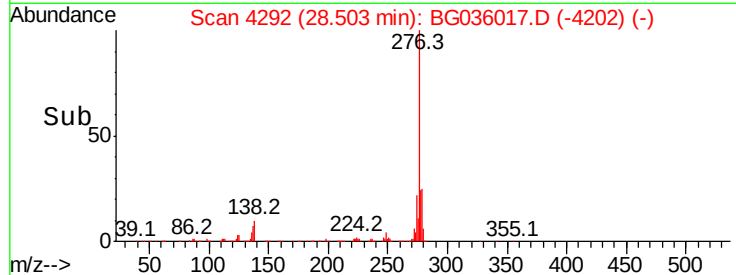
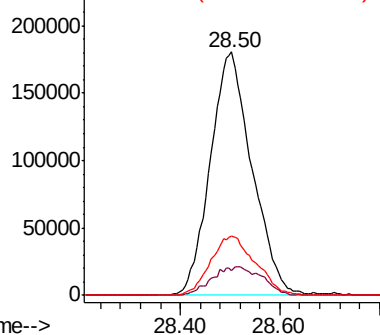
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Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.85 min Scan# 3670

Delta R.T. -0.01 min

Lab File: BG036017.D

Acq: 1 Aug 2018 1:17

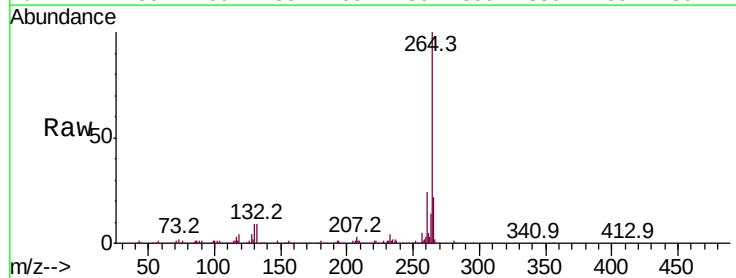
Tgt Ion:264 Resp: 304044

Ion Ratio Lower Upper

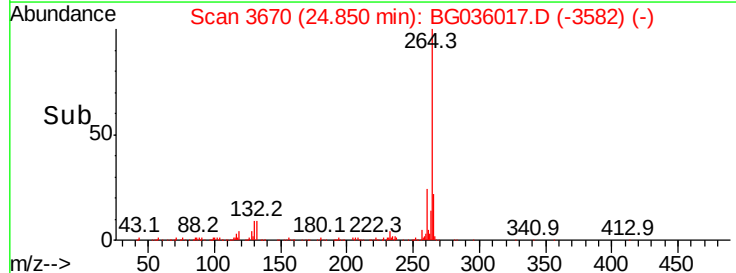
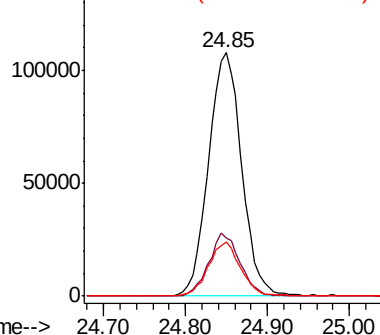
264 100

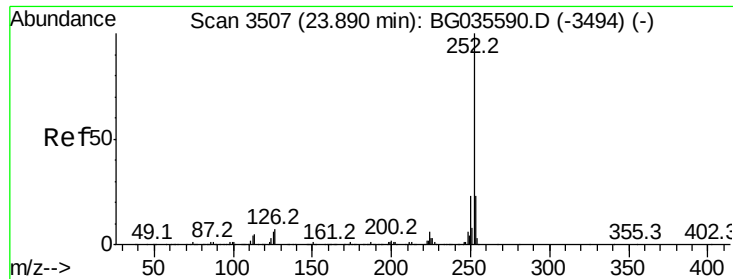
260 24.0 17.4 26.0

265 22.0 17.7 26.5



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





#87

Benzo(b)fluoranthene

Concen: 50.097 ng

RT: 23.84 min Scan# 3498

Delta R.T. -0.00 min

Lab File: BG036017.D

Acq: 1 Aug 2018 1:17

Instrument :

BNA_G

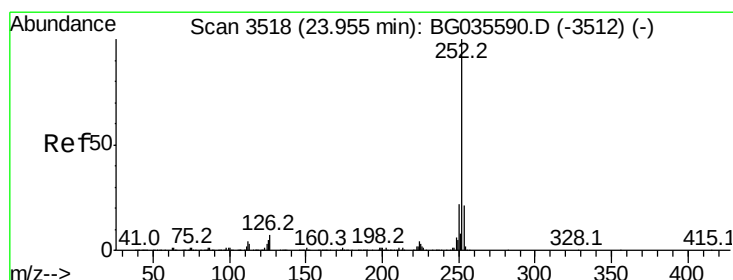
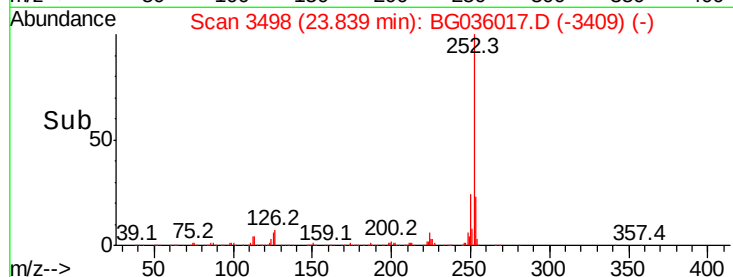
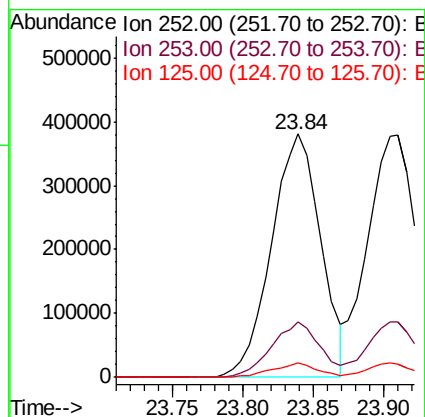
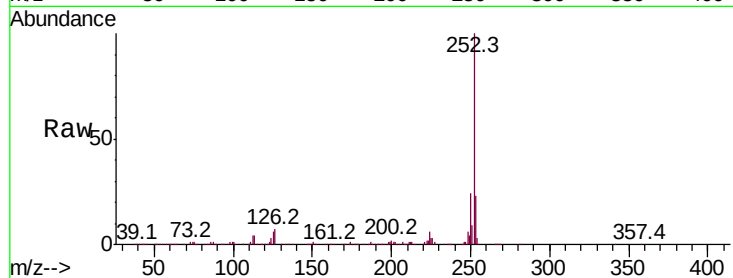
ClientSampleId :

SU-03-072718MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.4
125	5.7	7.2	10.8

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#88

Benzo(k)fluoranthene

Concen: 50.563 ng

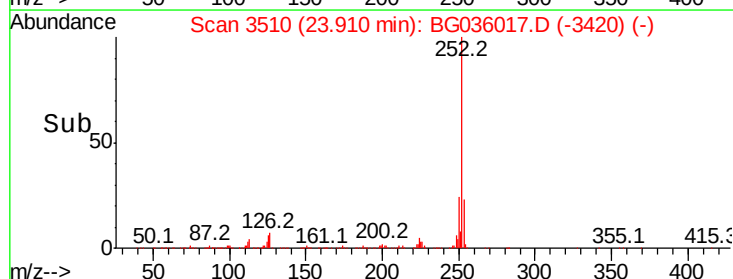
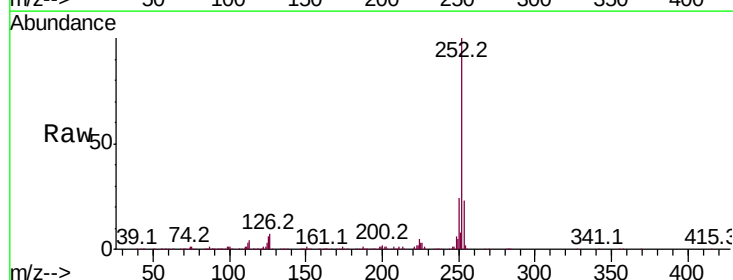
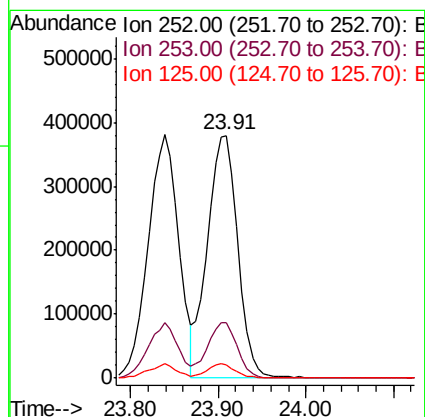
RT: 23.91 min Scan# 3510

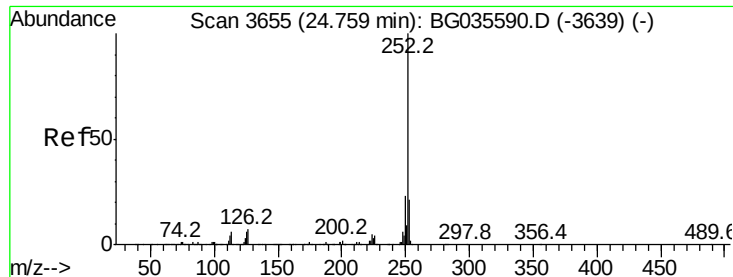
Delta R.T. 0.00 min

Lab File: BG036017.D

Acq: 1 Aug 2018 1:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.4	26.2
125	5.6	6.6	9.8





#89

Benzo(a)pyrene

Concen: 52.726 ng

RT: 24.70 min Scan# 3645

Delta R.T. -0.00 min

Lab File: BG036017.D

Acq: 1 Aug 2018 1:17

Instrument :

BNA_G

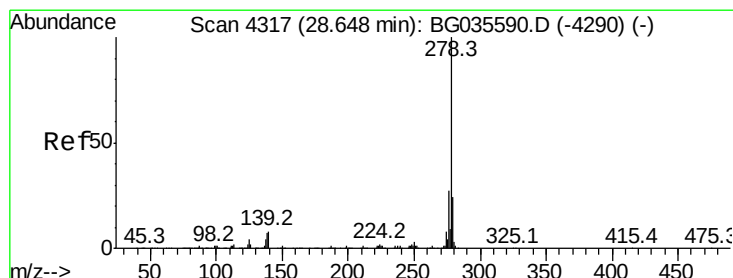
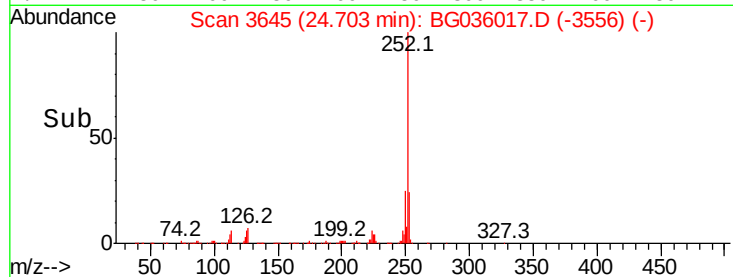
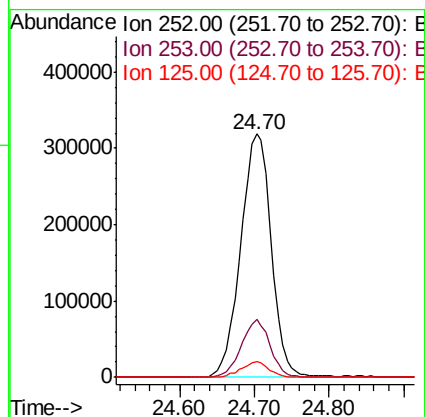
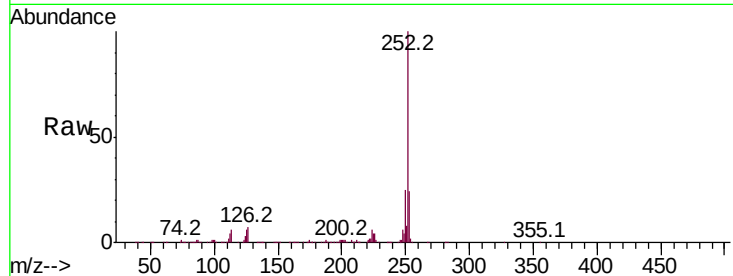
ClientSampleId :

SU-03-072718MS

Tot Ion:	252	Resp:	906463
Ion Ratio	Lower	Upper	
252	100		
253	23.8	18.3	27.5
125	6.4	7.3	10.9#

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#90

Dibenzo(a,h)anthracene

Concen: 51.700 ng

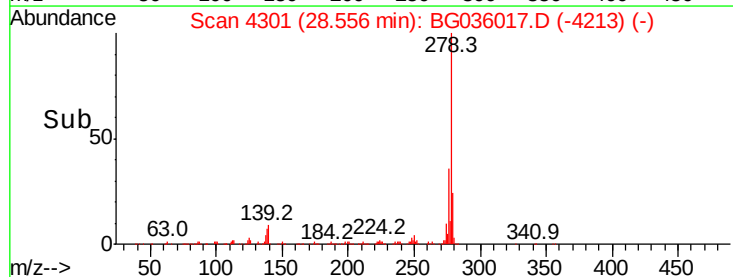
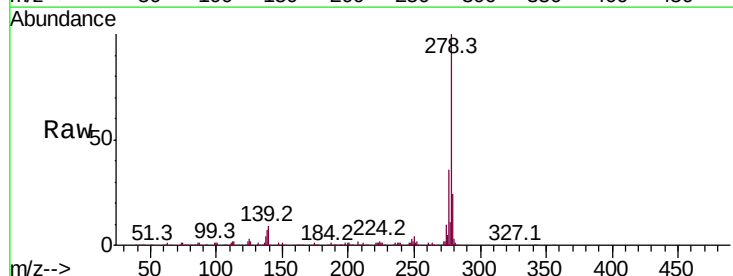
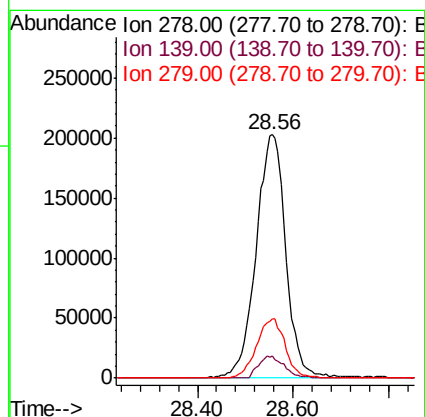
RT: 28.56 min Scan# 4301

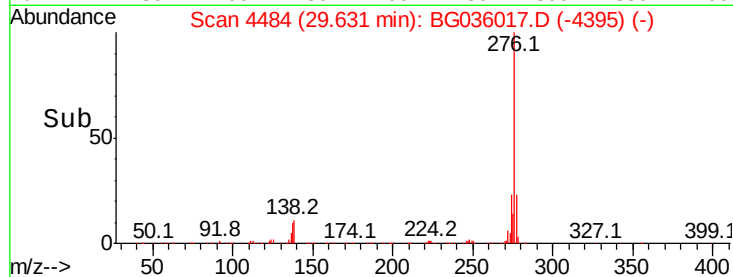
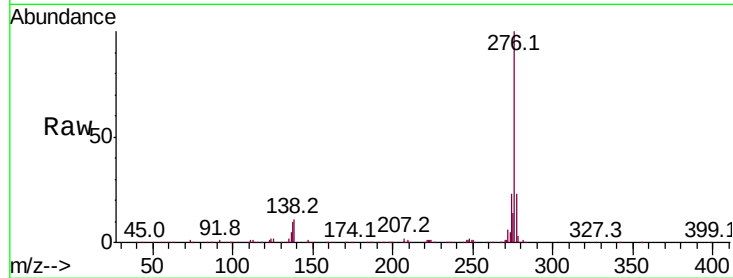
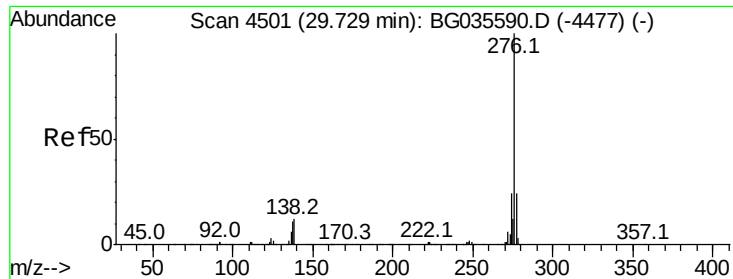
Delta R.T. -0.01 min

Lab File: BG036017.D

Acq: 1 Aug 2018 1:17

Tgt Ion:	278	Resp:	872604
Ion Ratio	Lower	Upper	
278	100		
139	9.2	9.8	14.6#
279	24.4	18.4	27.6





#91
 Benzo(a,h,i)perylene
 Concen: 52.646 ng
 RT: 29.63 min Scan# 4484
 Delta R.T. -0.00 min
 Lab File: BG036017.D
 Acq: 1 Aug 2018 1:17

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-072718MS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.0	18.3	27.5
138	11.4	13.9	20.9

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