

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120117\
 Data File : BG031320.D
 Acq On : 1 Dec 2017 16:32
 Operator : SJ/JU
 Sample : I6289-10MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-112917MS

Manual Integrations
 APPROVED

Sohil
 12/4/2017 12:00:03 PM

Quant Time: Dec 02 03:30:57 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:38:25 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	74330	20.00	ng	-0.03
21) Naphthalene-d8	10.94	136	308756	20.00	ng	-0.03
38) Acenaphthene-d10	14.75	164	201479	20.00	ng	-0.03
63) Phenanthrene-d10	17.49	188	507703	20.00	ng	-0.02
75) Chrysene-d12	21.76	240	560831	20.00	ng	-0.02
86) Perylene-d12	25.06	264	553830	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	513362	118.43	ng	-0.01
7) Phenol-d6	7.30	99	592448	101.45	ng	0.00
23) Nitrobenzene-d5	9.30	82	430301	82.58	ng	-0.02
41) 2,4,6-Tribromophenol	16.24	330	346228	106.23	ng	-0.01
44) 2-Fluorobiphenyl	13.37	172	1150839	82.07	ng	-0.03
78) Terphenyl-d14	20.08	244	2093665	82.43	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	3.56	88	64558	36.70	ng	# 82
3) Pyridine	3.97	79	150572	29.48	ng	88
4) n-Nitrosodimethylamine	3.87	42	81757	33.78	ng	# 88
6) Aniline	7.45	93	60519	7.87	ng	93
8) 2-Chlorophenol	7.70	128	207035	43.28	ng	86
9) Benzaldehyde	7.26	77	82146	20.10	ng	88
10) Phenol	7.33	94	213790	35.25	ng	89
11) bis(2-Chloroethyl)ether	7.54	93	195430	40.36	ng	87
12) 1,3-Dichlorobenzene	8.02	146	236680	42.17	ng	96
13) 1,4-Dichlorobenzene	8.16	146	239199	42.06	ng	94
14) 1,2-Dichlorobenzene	8.48	146	228101	41.79	ng	98
15) Benzyl Alcohol	8.37	79	170398	36.38	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.65	45	281443	52.62	ng	91
17) 2-Methylphenol	8.58	107	167731	39.72	ng	97
18) Hexachloroethane	9.21	117	82630	41.74	ng	88
19) n-Nitroso-di-n-propylamine	8.93	70	152357	34.31	ng	# 93
20) 3+4-Methylphenols	8.91	107	226599	37.73	ng	94
22) Acetophenone	8.95	105	298585	38.84	ng	# 91
24) Nitrobenzene	9.34	77	228839	42.99	ng	91
25) Isophorone	9.86	82	431681	42.48	ng	# 91
26) 2-Nitrophenol	10.05	139	122334	44.09	ng	# 89
27) 2,4-Dimethylphenol	10.11	122	198515	48.20	ng	92
28) bis(2-Chloroethoxy)methane	10.34	93	269530	42.11	ng	94
29) 2,4-Dichlorophenol	10.61	162	223840	45.26	ng	92
30) 1,2,4-Trichlorobenzene	10.81	180	258443	43.77	ng	98
31) Naphthalene	10.99	128	664046	43.75	ng	98
32) Benzoic acid	10.27	122	64687	22.29	ng	# 76
33) 4-Chloroaniline	11.12	127	13433m	2.02	ng	
34) Hexachlorobutadiene	11.27	225	168998	41.27	ng	96
35) Caprolactam	11.88	113	55313m	27.38	ng	
36) 4-Chloro-3-methylphenol	12.23	107	219812	40.83	ng	# 86
37) 2-Methylnaphthalene	12.59	142	506014	43.19	ng	93
39) 1,2,4,5-Tetrachlorobenzene	12.96	216	307568	38.46	ng	96
40) Hexachlorocyclopentadiene	12.93	237	271141	90.12	ng	92

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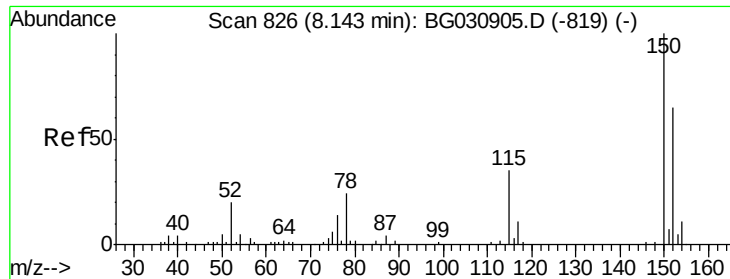
Manual Integrations
 APPROVED

Sohil
 12/4/2017 12:00:03 PM

Quant Time: Dec 02 03:30:57 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:38:25 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.20	196	205536	44.96	nq	98
43) 2,4,5-Trichlorophenol	13.29	196	210859	42.16	nq	# 92
45) 1,1'-Biphenyl	13.58	154	647912	38.78	nq	97
46) 2-Chloronaphthalene	13.63	162	536834	44.53	nq	95
47) 2-Nitroaniline	13.84	65	144105	40.33	nq	# 82
48) Acenaphthylene	14.48	152	809141	41.01	nq	99
49) Dimethylphthalate	14.20	163	721866	41.44	nq	99
50) 2,6-Dinitrotoluene	14.33	165	167425	46.63	nq	# 72
51) Acenaphthene	14.81	154	512935	41.63	nq	99
52) 3-Nitroaniline	14.67	138	26836	7.04	nq	# 73
53) 2,4-Dinitrophenol	14.88	184	161162	81.47	nq	# 48
54) Dibenzofuran	15.15	168	851110	43.37	nq	99
55) 4-Nitrophenol	14.98	139	198125	72.95	nq	# 78
56) 2,4-Dinitrotoluene	15.12	165	237536	45.76	nq	# 73
57) Fluorene	15.79	166	685279	43.01	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.38	232	219638	46.07	nq	# 89
59) Diethylphthalate	15.55	149	716508	40.49	nq	97
60) 4-Chlorophenyl-phenylether	15.78	204	404997	42.08	nq	90
61) 4-Nitroaniline	15.82	138	155425	38.50	nq	83
62) Azobenzene	16.08	77	563017	41.72	nq	90
64) 4,6-Dinitro-2-methylphenol	15.89	198	125708	37.25	nq	# 76
65) n-Nitrosodiphenylamine	15.99	169	635968	41.34	nq	100
66) 4-Bromophenyl-phenylether	16.67	248	266125	41.39	nq	97
67) Hexachlorobenzene	16.80	284	271314	39.71	nq	95
68) Atrazine	16.94	200	267050	42.07	nq	97
69) Pentachlorophenol	17.15	266	266829	70.65	nq	97
70) Phenanthrene	17.53	178	1163183	44.00	nq	97
71) Anthracene	17.63	178	1182442	44.64	nq	99
72) Carbazole	17.90	167	1085127	43.72	nq	99
73) Di-n-butylphthalate	18.43	149	1254134	41.16	nq	99
74) Fluoranthene	19.54	202	1489113	44.49	nq	97
76) Benzidine	19.71	184	73911	4.10	nq	# 95
77) Pyrene	19.90	202	1521568	45.72	nq	97
79) Butylbenzylphthalate	20.76	149	586433	44.20	nq	85
80) Benzo(a)anthracene	21.75	228	1503232	43.15	nq	99
81) 3,3'-Dichlorobenzidine	21.65	252	177787	12.64	nq	97
82) Chrysene	21.81	228	1422239	44.13	nq	97
83) Bis(2-ethylhexyl)phthalate	21.62	149	816453	42.63	nq	99
84) Di-n-octyl phthalate	22.84	149	1386762	44.48	nq	# 93
85) Indeno(1,2,3-cd)pyrene	28.86	276	1659643	42.36	nq	98
87) Benzo(b)fluoranthene	24.01	252	1483461	44.28	nq	99
88) Benzo(k)fluoranthene	24.08	252	1481500	44.62	nq	97
89) Benzo(a)pyrene	24.91	252	1452900	45.65	nq	98
90) Dibenzo(a,h)anthracene	28.90	278	1386594	42.63	nq	98
91) Benzo(g,h,i)perylene	30.03	276	1390325	44.04	nq	97

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



#1

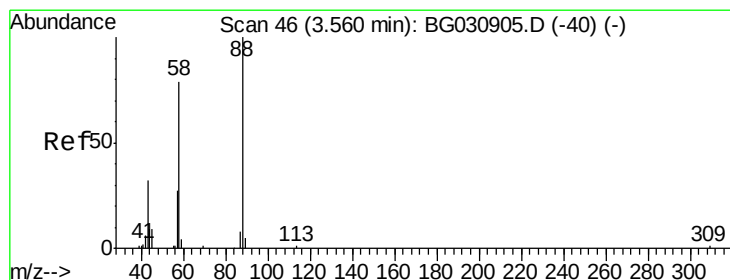
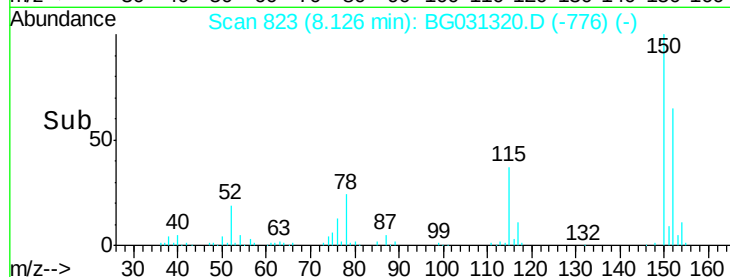
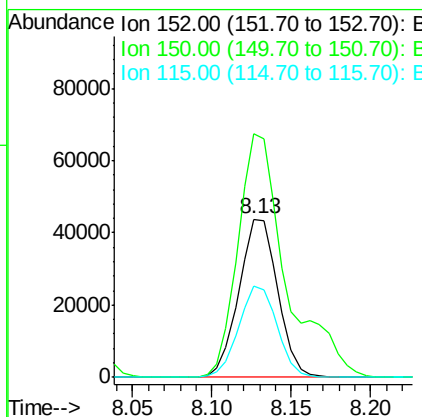
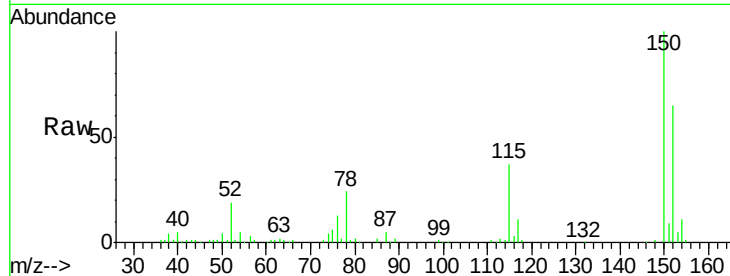
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.13 min Scan# 823
Delta R.T. -0.03 min
Lab File: BG031320.D
Acq: 1 Dec 2017 16:32

Instrument :
BNA_G
ClientSampleId :
SU-03-112917MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.2	126.6	189.8
115	57.8	53.0	79.4

Manual Integrations
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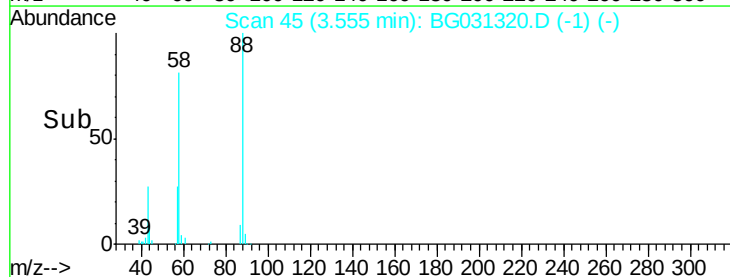
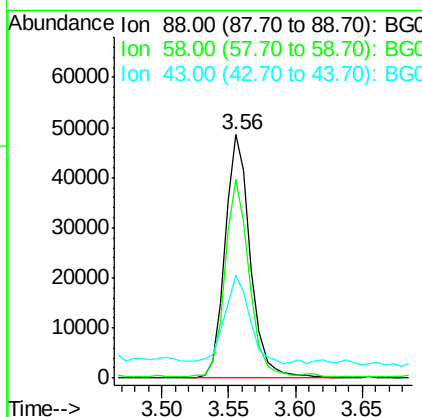
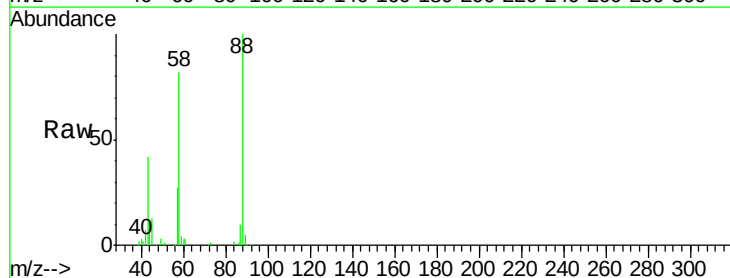
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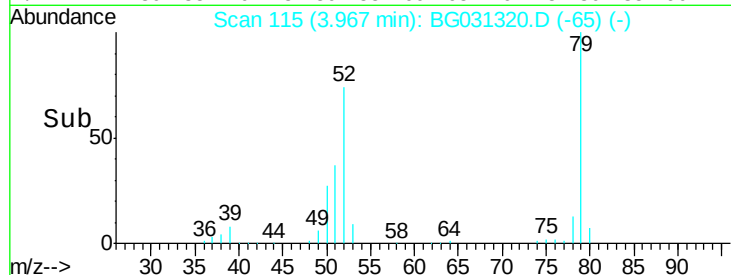
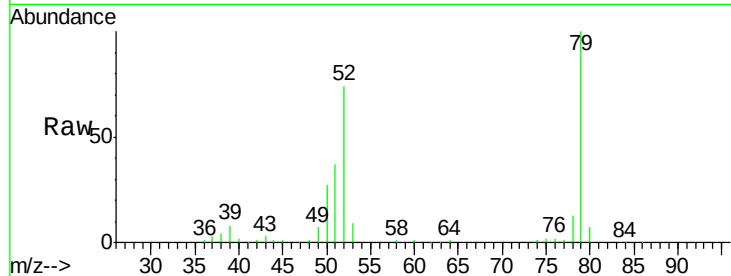
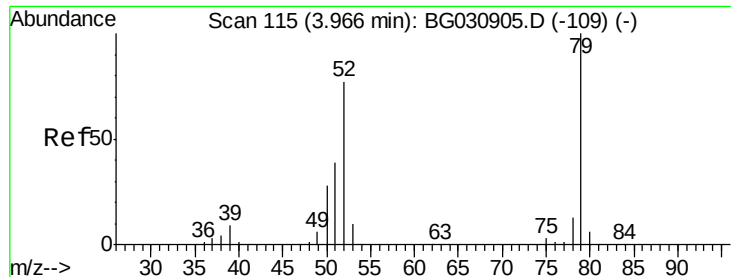


#2

1,4-Dioxane
Concen: 36.70 ng
RT: 3.56 min Scan# 45
Delta R.T. -0.01 min
Lab File: BG031320.D
Acq: 1 Dec 2017 16:32

Tgt Ion	Ratio	Lower	Upper
88	100		
58	77.2	79.6	119.4#
43	36.3	27.4	41.0





#3

Pvridine

Concen: 29.48 ng

RT: 3.97 min Scan# 115

Delta R.T. -0.01 min

Lab File: BG031320.D

Acq: 1 Dec 2017 16:32

Tot Ion:	79	Resp:	150572
Ion	Ratio	Lower	Upper
79	100		
52	74.0	69.9	104.9
51	37.2	34.0	51.0

Instrument :

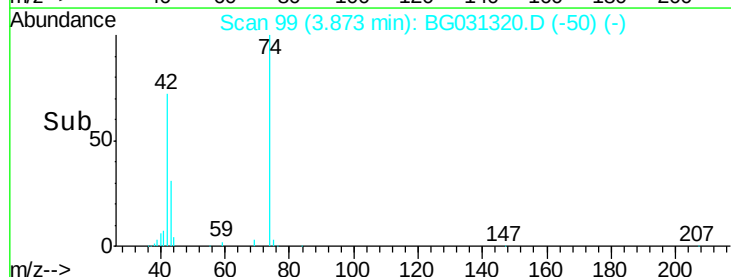
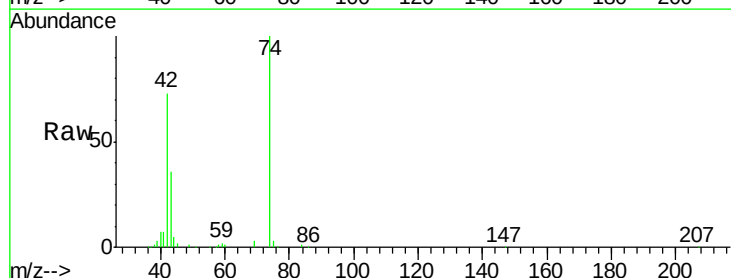
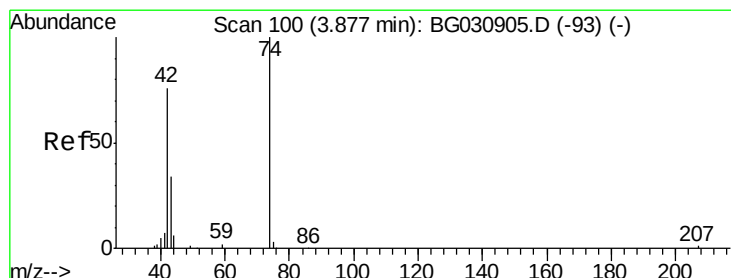
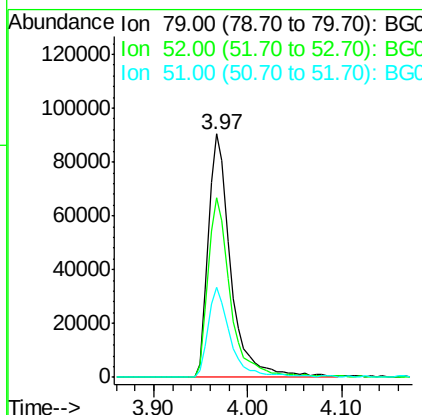
BNA_G

ClientSampleId :

SU-03-112917MS

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 33.78 ng

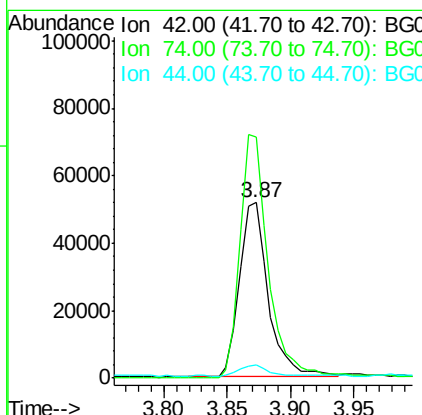
RT: 3.87 min Scan# 99

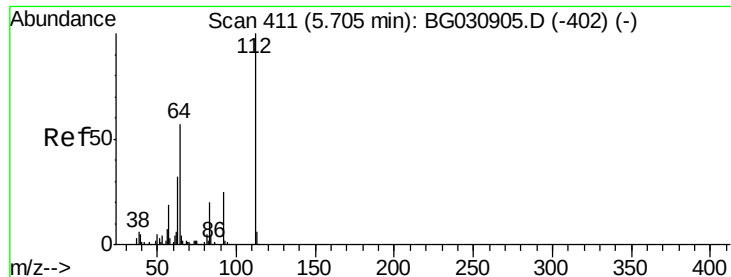
Delta R.T. -0.01 min

Lab File: BG031320.D

Acq: 1 Dec 2017 16:32

Tgt Ion:	42	Resp:	81757
Ion	Ratio	Lower	Upper
42	100		
74	137.5	102.5	153.7
44	7.3	18.9	28.3





#5

2-Fluorophenol

Concen: 118.43 ng

RT: 5.69 min Scan# 409

Delta R.T. -0.01 min

Lab File: BG031320.D

Acq: 1 Dec 2017 16:32

Instrument :

BNA_G

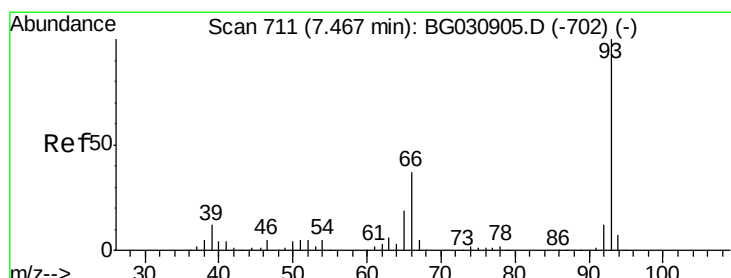
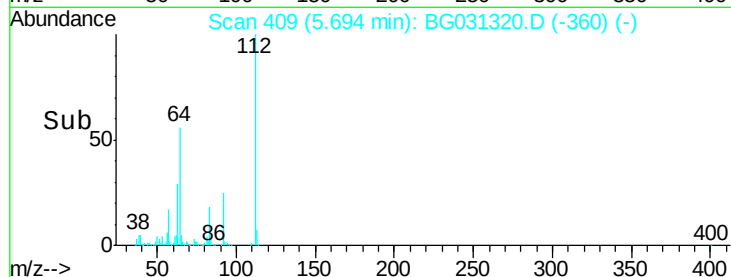
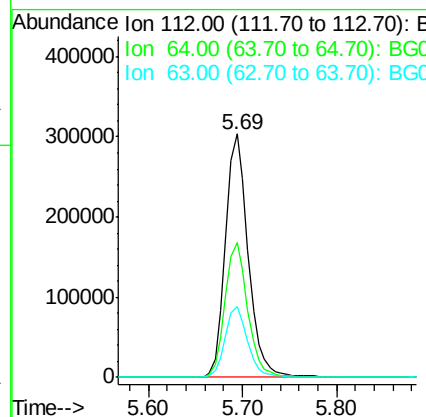
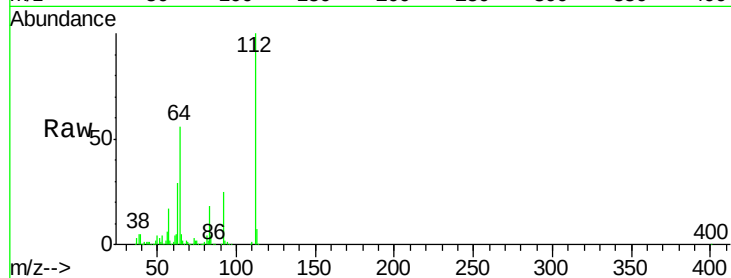
ClientSampleId :

SU-03-112917MS

Tot Ion	Ratio	Resp	Lower	Upper
112	100	513362		
64	55.5	56.3	84.5#	
63	29.3	30.1	45.1#	

Manual Integrations
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#6

Aniline

Concen: 7.87 ng

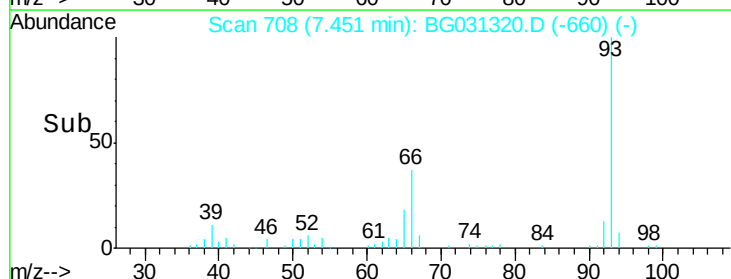
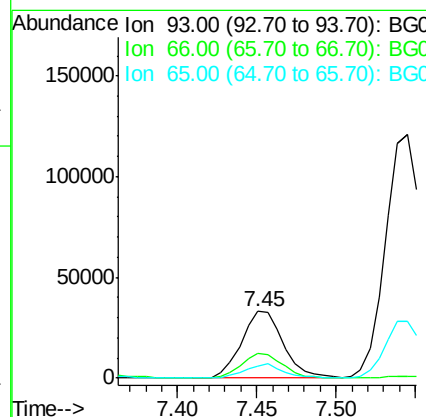
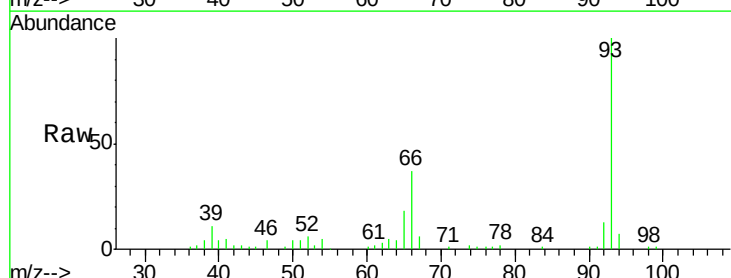
RT: 7.45 min Scan# 708

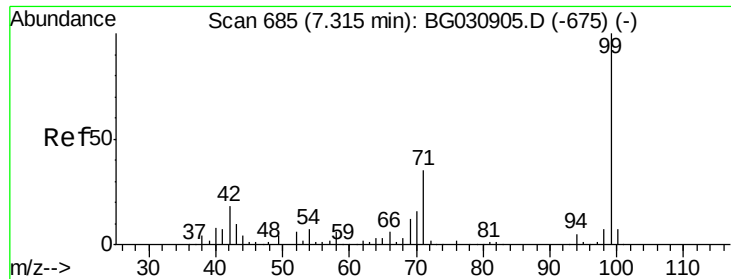
Delta R.T. -0.02 min

Lab File: BG031320.D

Acq: 1 Dec 2017 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	60519		
66	37.0	33.7	50.5	
65	18.5	16.1	24.1	





#7

Phenol-d6

Concen: 101.45 ng

RT: 7.30 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG031320.D

Acq: 1 Dec 2017 16:32

Instrument :

BNA_G

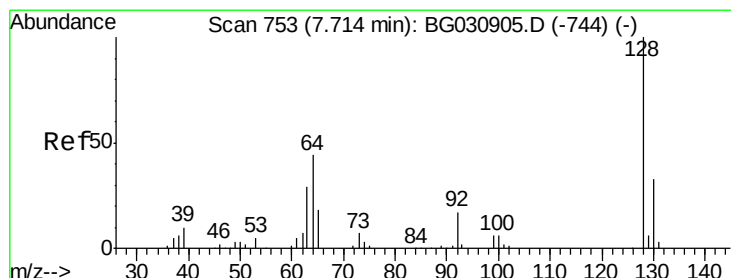
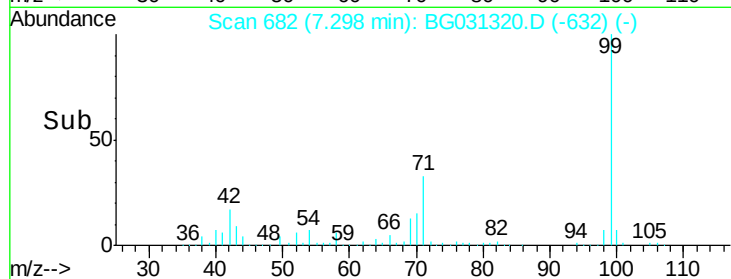
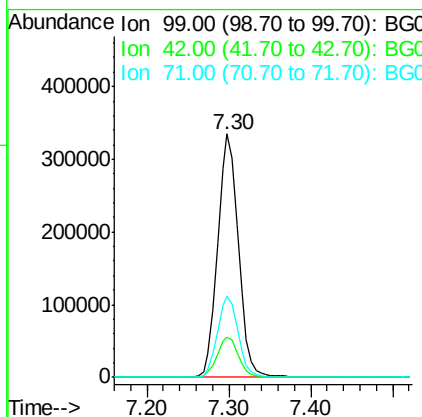
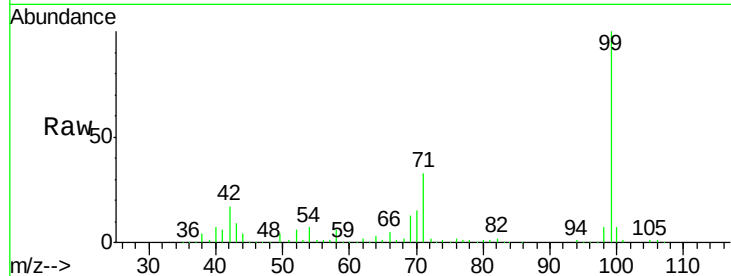
ClientSampleId :

SU-03-112917MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		592448		
42	16.7	14.1	21.1		
71	33.2	26.1	39.1		

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#8

2-Chlorophenol

Concen: 43.28 ng

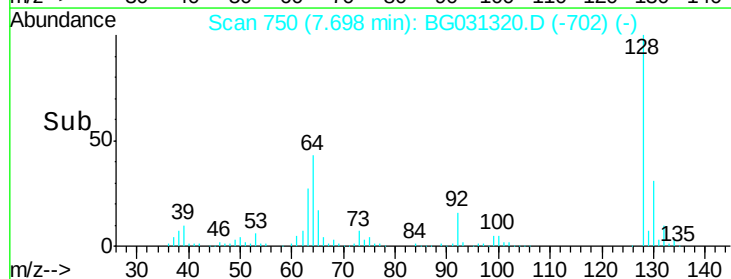
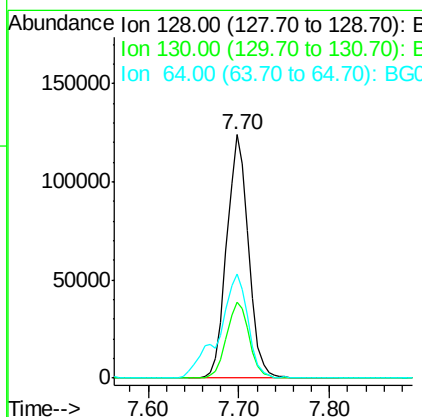
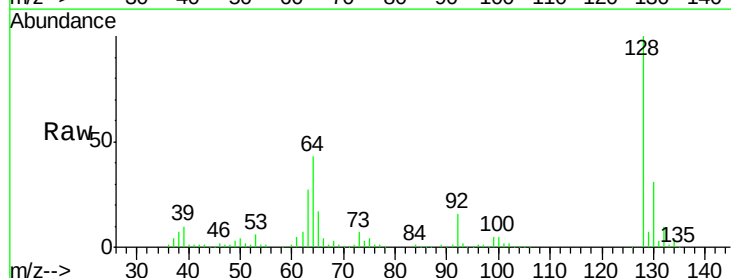
RT: 7.70 min Scan# 750

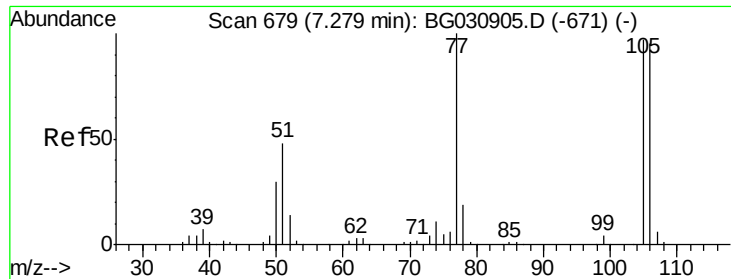
Delta R.T. -0.02 min

Lab File: BG031320.D

Acq: 1 Dec 2017 16:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		207035		
130	31.2	14.0	54.0		
64	42.9	37.7	77.7		





#9

Benzaldehyde

Concen: 20.10 ng

RT: 7.26 min Scan# 676

Delta R.T. -0.03 min

Lab File: BG031320.D

Acq: 1 Dec 2017 16:32

Instrument :

BNA_G

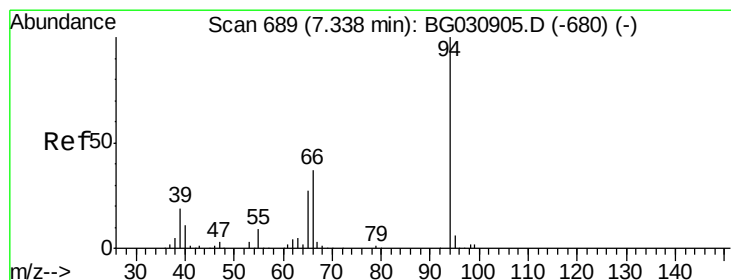
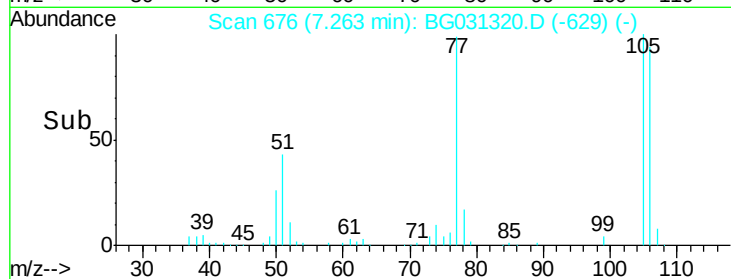
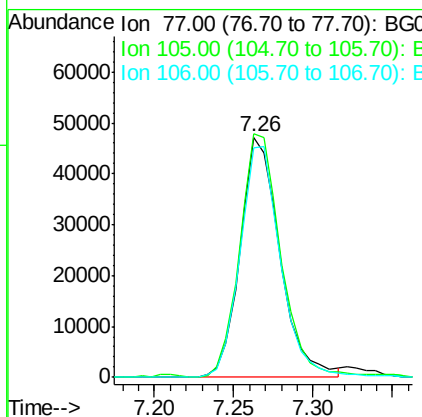
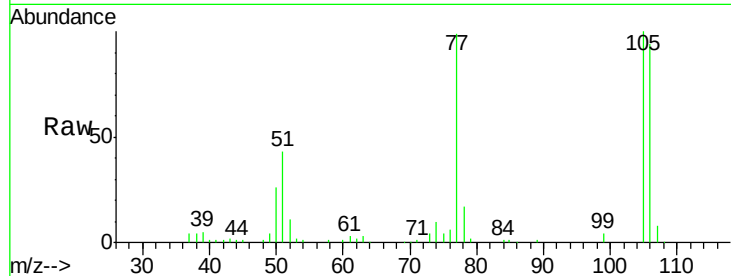
ClientSampleId :

SU-03-112917MS

Tot Ion:	77	Resp:	82146
Ion	Ratio	Lower	Upper
77	100		
105	101.4	71.3	111.3
106	95.6	64.2	104.2

Manual Integrations
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#10

Phenol

Concen: 35.25 ng

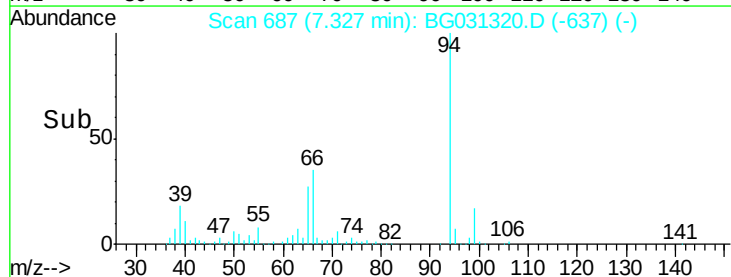
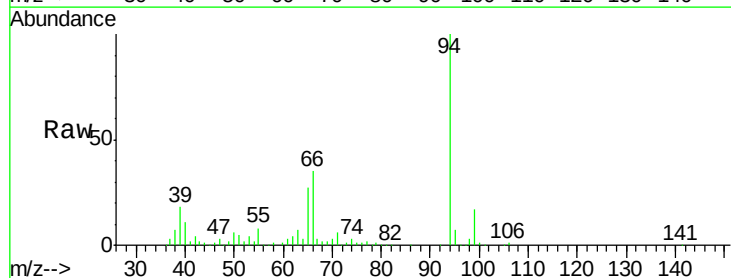
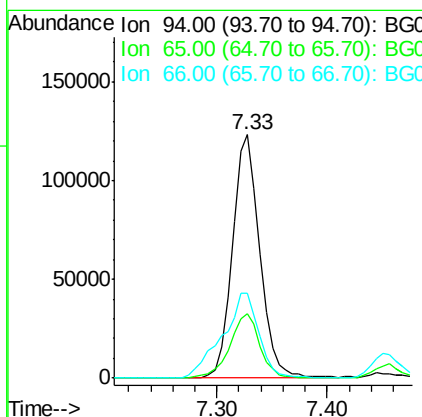
RT: 7.33 min Scan# 687

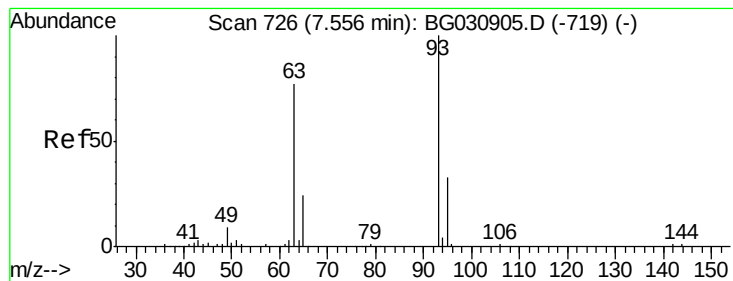
Delta R.T. -0.01 min

Lab File: BG031320.D

Acq: 1 Dec 2017 16:32

Tgt Ion:	94	Resp:	213790
Ion	Ratio	Lower	Upper
94	100		
65	26.7	11.9	51.9
66	34.8	22.2	62.2





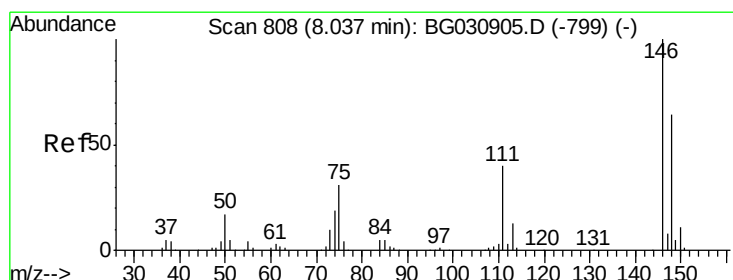
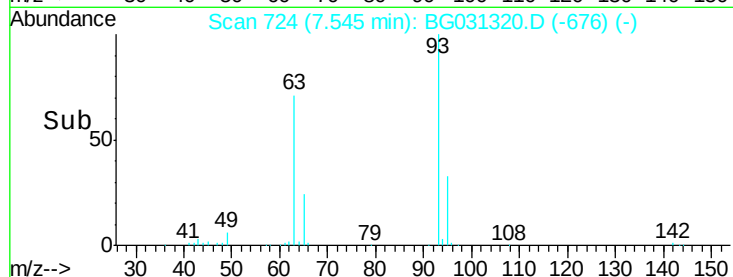
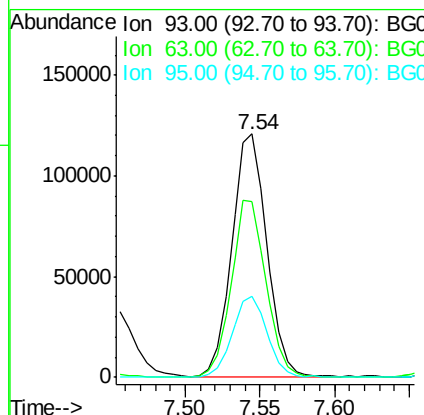
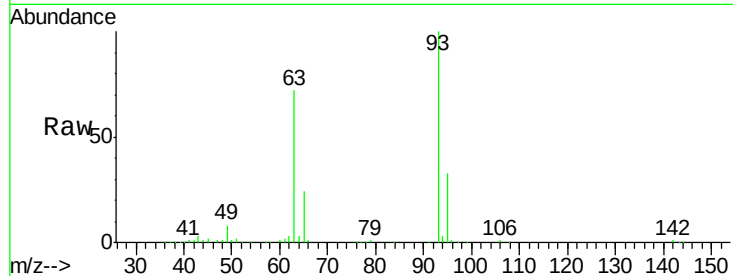
#11
bis(2-Chloroethyl)ether
Concen: 40.36 ng
RT: 7.54 min Scan# 724
Delta R.T. -0.02 min
Lab File: BG031320.D
Acq: 1 Dec 2017 16:32

Instrument :
BNA_G
ClientSampleId :
SU-03-112917MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	72.3	67.1	107.1
95	33.3	11.5	51.5

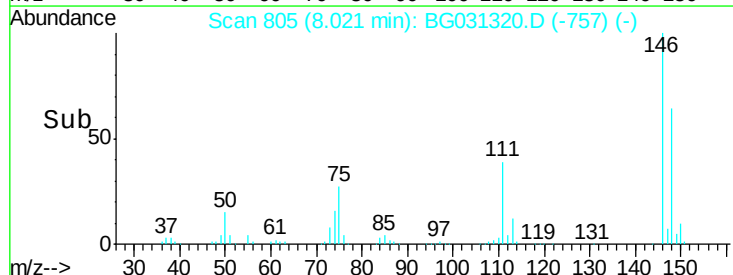
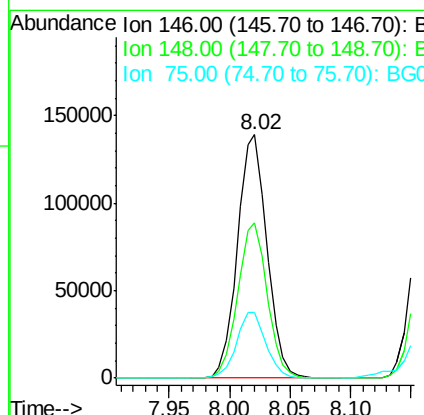
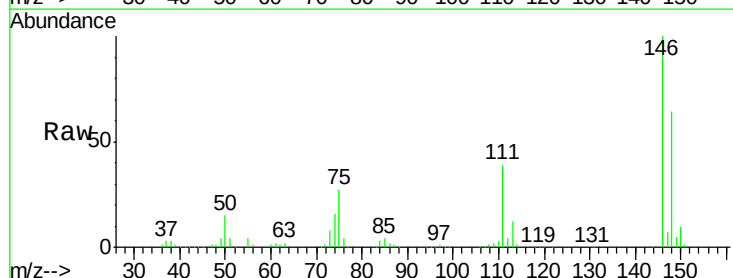
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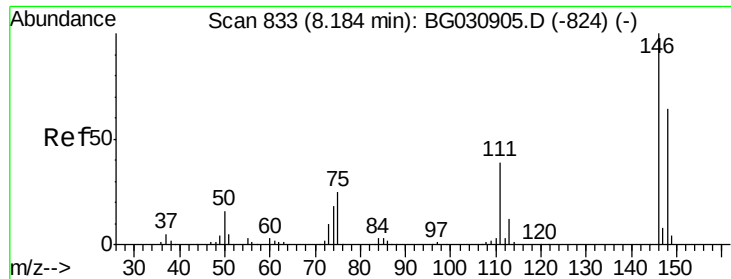
Sohil
12/4/2017 12:00:03 PM



#12
1,3-Dichlorobenzene
Concen: 42.17 ng
RT: 8.02 min Scan# 805
Delta R.T. -0.02 min
Lab File: BG031320.D
Acq: 1 Dec 2017 16:32

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.4	77.2
75	26.9	26.6	39.8





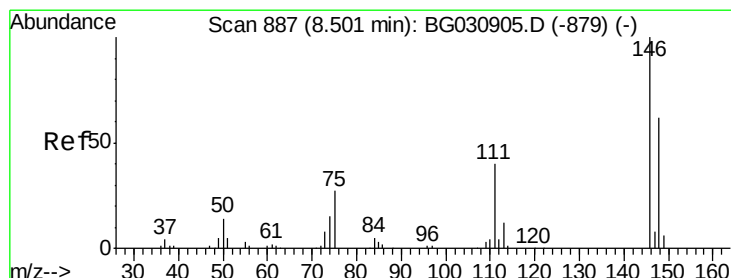
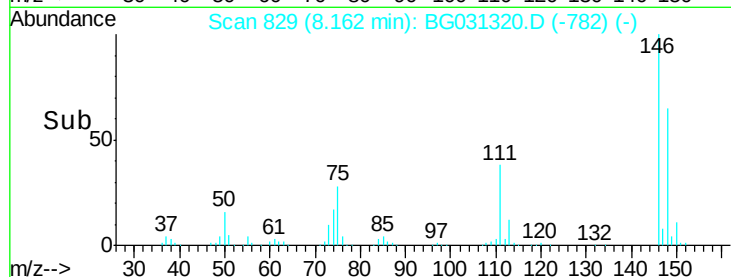
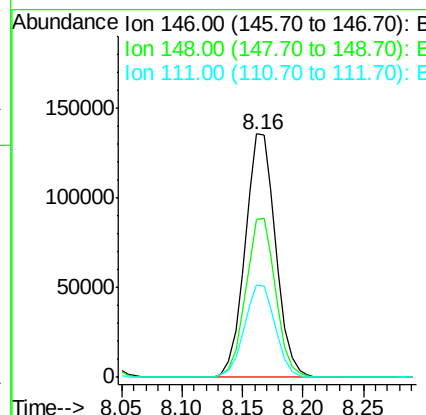
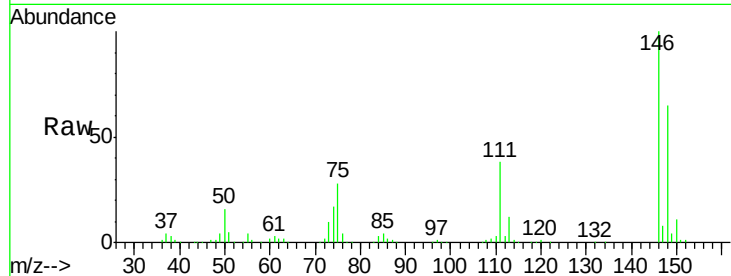
#13
 1,4-Dichlorobenzene
 Concen: 42.06 ng
 RT: 8.16 min Scan# 829
 Delta R.T. -0.03 min
 Lab File: BG031320.D
 Acq: 1 Dec 2017 16:32

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-112917MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.6	53.7	80.5
111	38.0	35.2	52.8

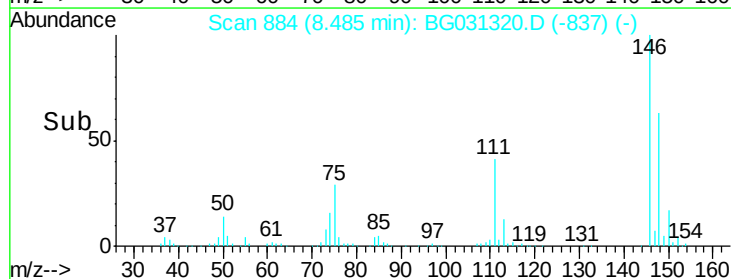
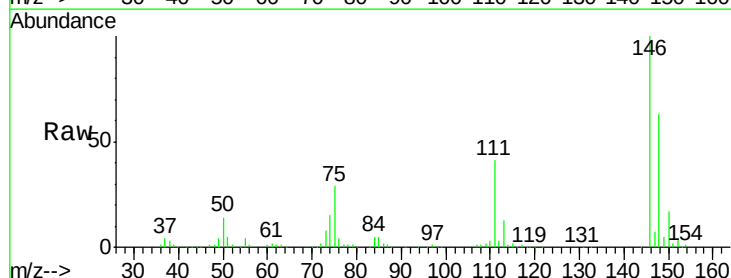
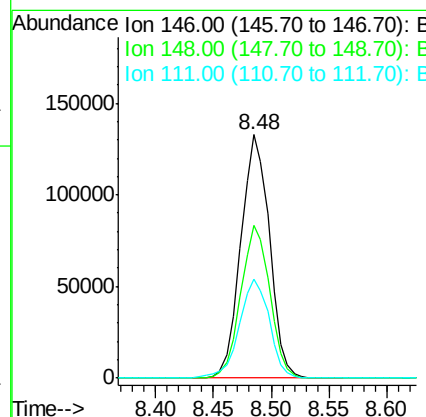
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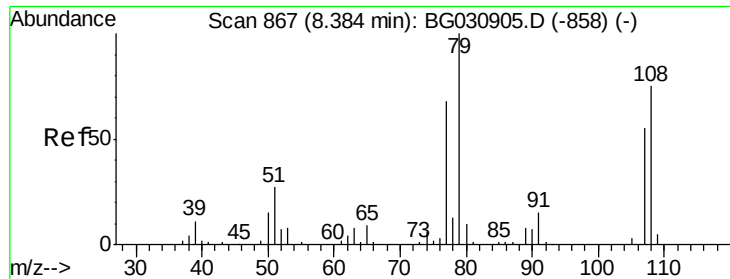
Sohil
 12/4/2017 12:00:03 PM



#14
 1,2-Dichlorobenzene
 Concen: 41.79 ng
 RT: 8.48 min Scan# 884
 Delta R.T. -0.03 min
 Lab File: BG031320.D
 Acq: 1 Dec 2017 16:32

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.8	49.3	73.9
111	40.8	34.3	51.5





#15

Benzyl Alcohol

Concen: 36.38 ng

RT: 8.37 min Scan# 865

Delta R.T. -0.01 min

Lab File: BG031320.D

Acq: 1 Dec 2017 16:32

Instrument :

BNA_G

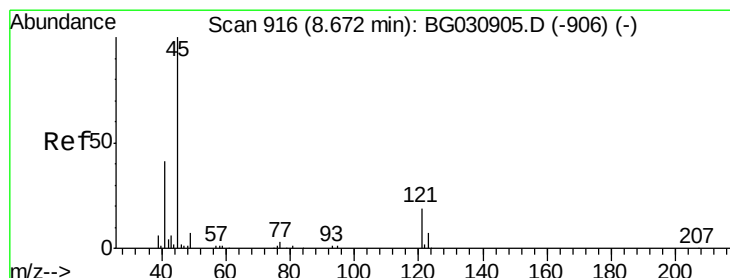
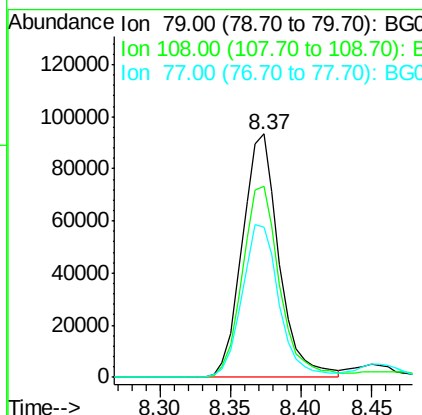
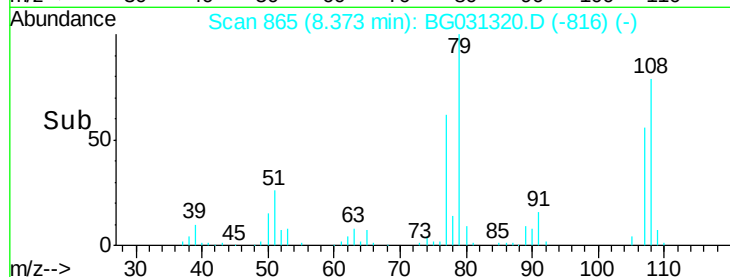
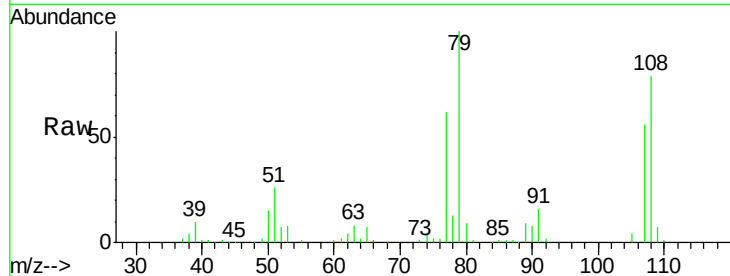
ClientSampleId :

SU-03-112917MS

Tot Ion:	79	Resp:	170398
Ion Ratio	Lower	Upper	
79	100		
108	78.5	57.2	85.8
77	61.5	46.1	69.1

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 52.62 ng

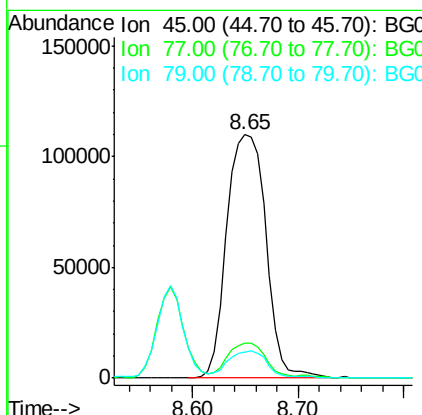
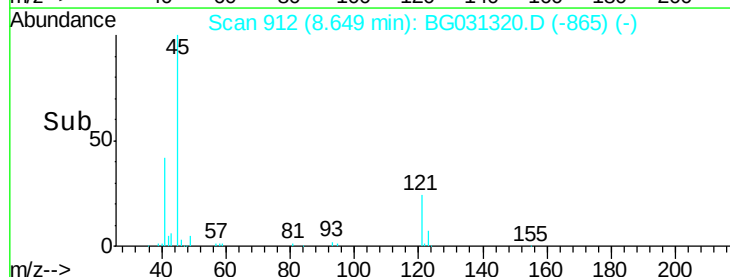
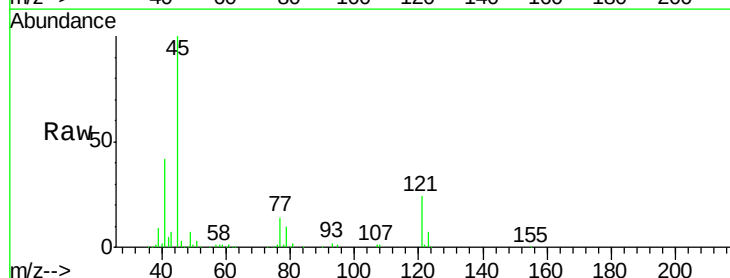
RT: 8.65 min Scan# 912

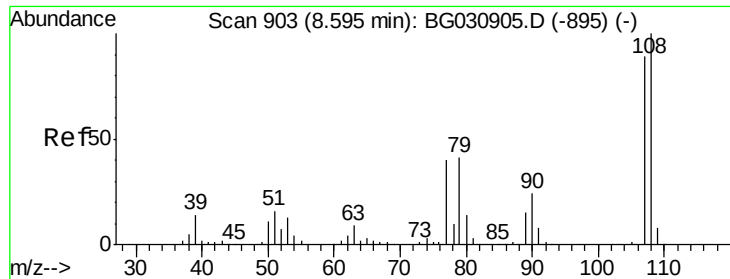
Delta R.T. -0.03 min

Lab File: BG031320.D

Acq: 1 Dec 2017 16:32

Tgt Ion:	45	Resp:	281443
Ion Ratio	Lower	Upper	
45	100		
77	14.4	0.0	30.2
79	10.4	0.0	27.9





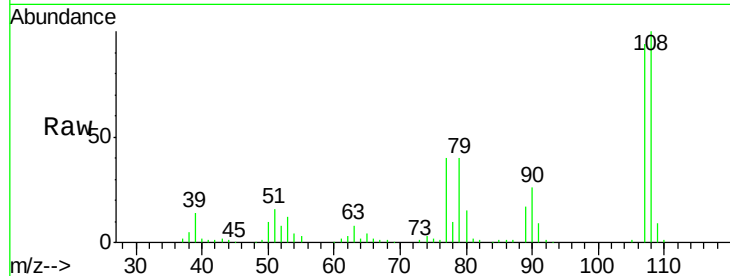
#17
2-Methylphenol
Concen: 39.72 ng
RT: 8.58 min Scan# 900
Delta R.T. -0.01 min
Lab File: BG031320.D
Acq: 1 Dec 2017 16:32

Instrument :
BNA_G
ClientSampleId :
SU-03-112917MS

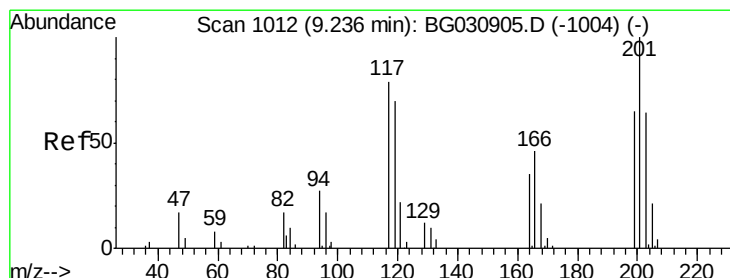
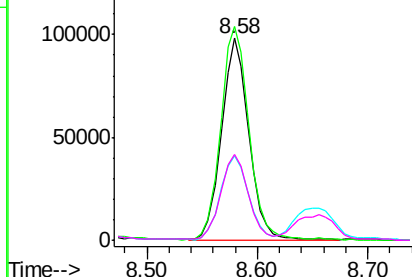
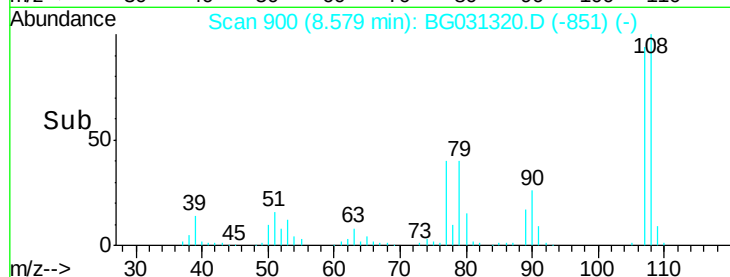
Tot Ion	107	Resp	167731
Ion	Ratio	Lower	Upper
107	100		
108	105.9	83.9	125.9
77	42.1	37.2	55.8
79	42.7	36.2	54.2

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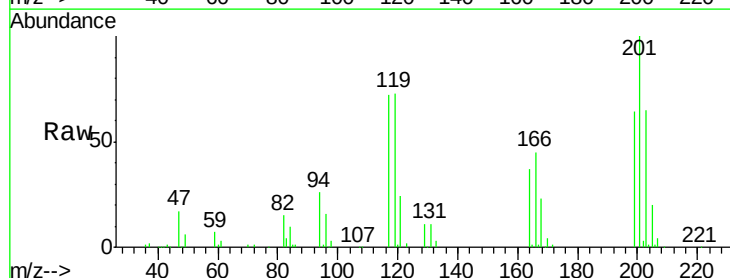


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

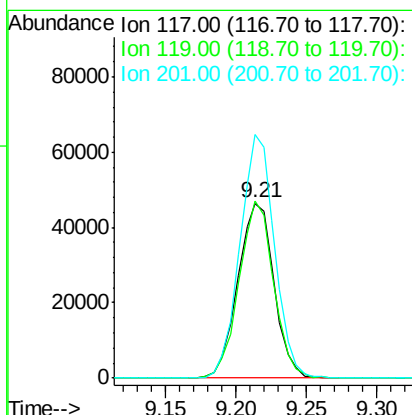
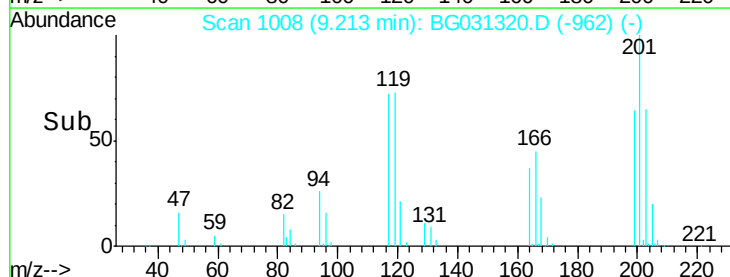


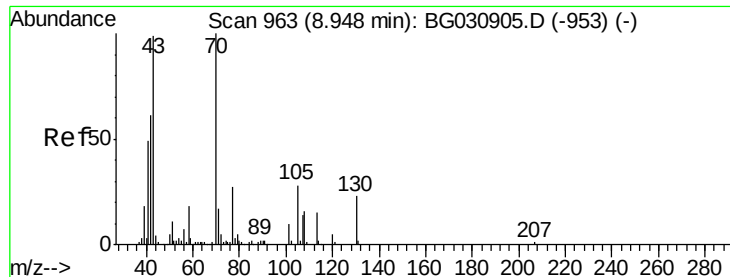
#18
Hexachloroethane
Concen: 41.74 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.03 min
Lab File: BG031320.D
Acq: 1 Dec 2017 16:32

Tgt Ion	117	Resp	82630
Ion	Ratio	Lower	Upper
117	100		
119	101.2	76.7	115.1
201	139.1	95.7	143.5



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





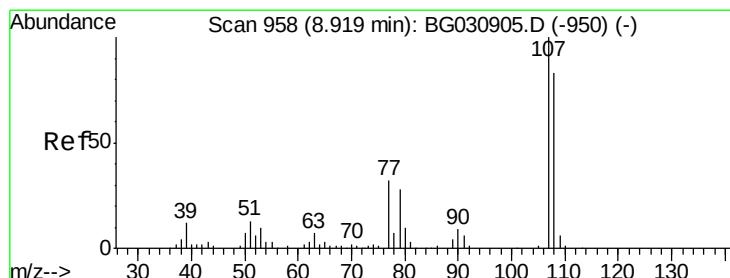
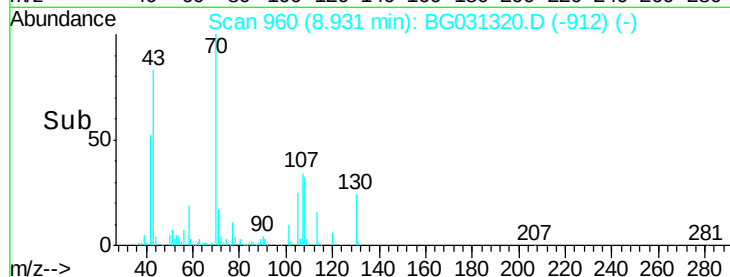
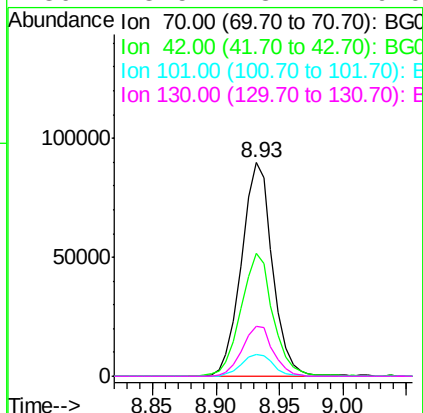
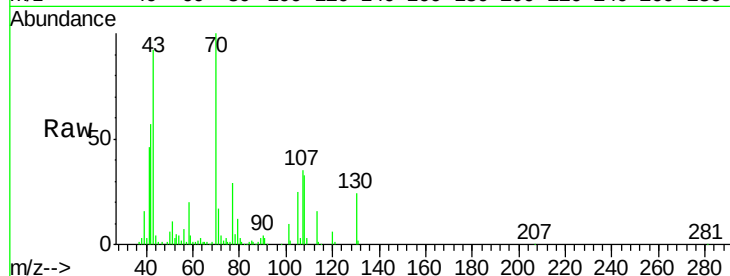
#19
n-Nitroso-di-n-propylamine
Concen: 34.31 ng
RT: 8.93 min Scan# 960
Delta R.T. -0.02 min
Lab File: BG031320.D
Acq: 1 Dec 2017 16:32

Instrument :
BNA_G
ClientSampleId :
SU-03-112917MS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	57.5	49.1	73.7	
101	10.2	8.5	12.7	
130	23.5	13.4	20.0	

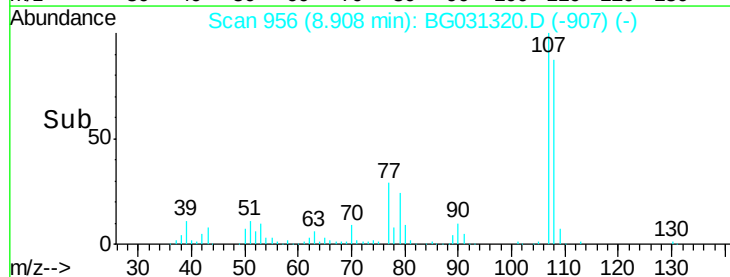
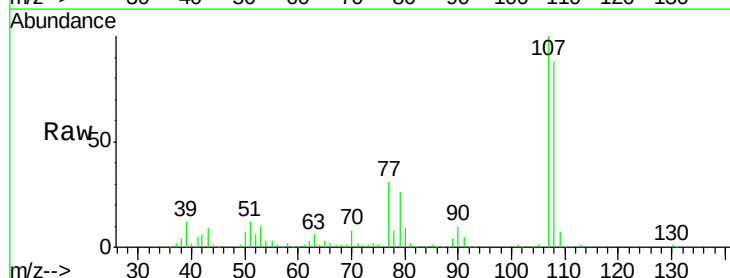
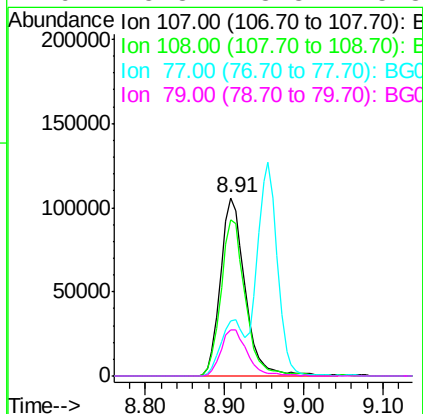
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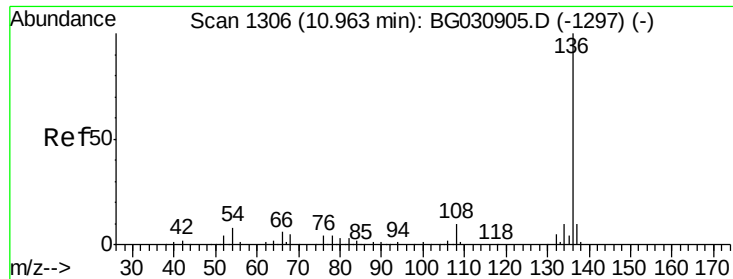
Sohil
12/4/2017 12:00:03 PM



#20
3+4-Methylphenols
Concen: 37.73 ng
RT: 8.91 min Scan# 956
Delta R.T. -0.01 min
Lab File: BG031320.D
Acq: 1 Dec 2017 16:32

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.7	61.6	101.6	
77	30.8	13.9	53.9	
79	25.8	8.8	48.8	





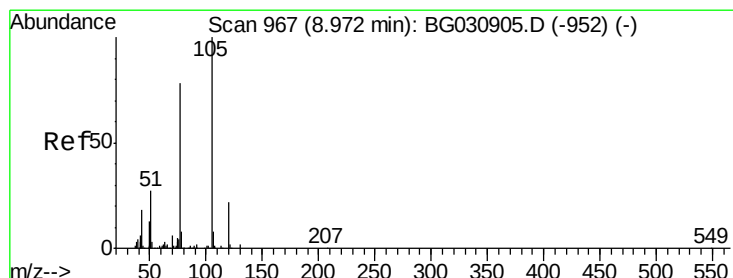
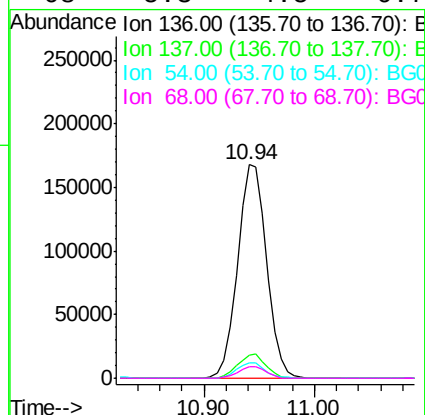
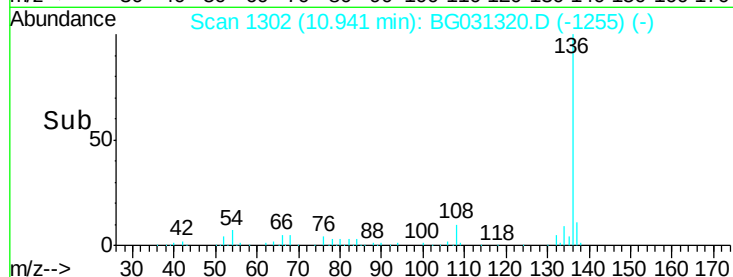
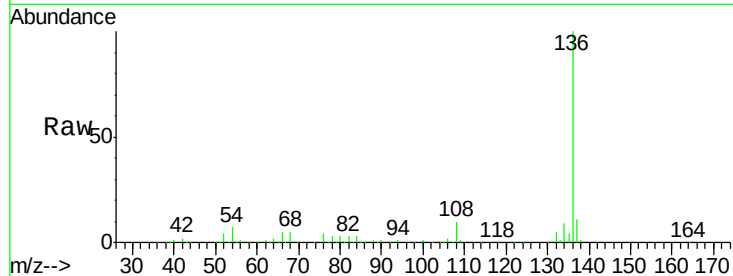
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.94 min Scan# 1302
Delta R.T. -0.03 min
Lab File: BG031320.D
Acq: 1 Dec 2017 16:32

Instrument :
BNA_G
ClientSampleId :
SU-03-112917MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100				
137	11.0		9.2	13.8	
54	7.0		10.3	15.5	
68	5.3		4.5	6.7	

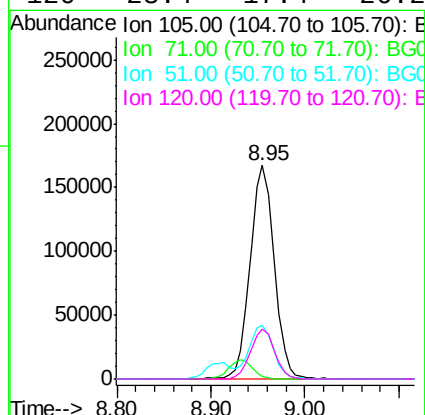
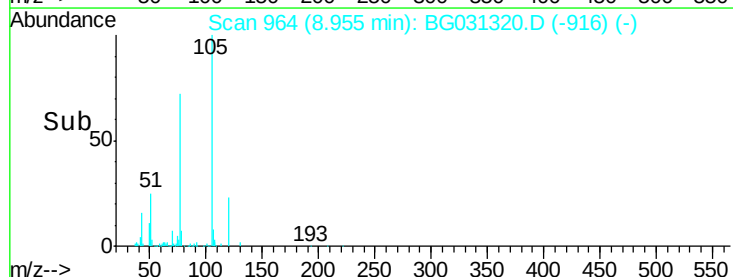
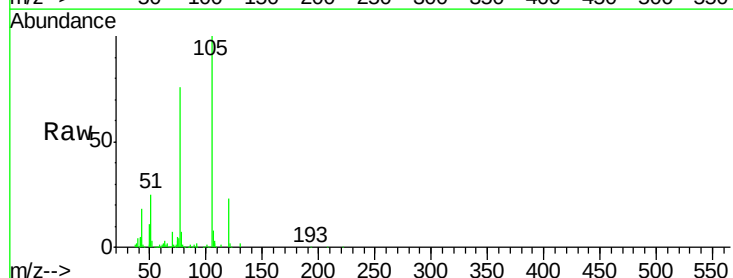
Manual Integrations
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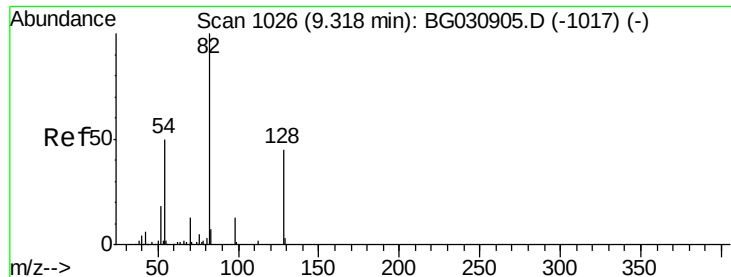
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12/4/2017 12:00:03 PM



#22
Acetophenone
Concen: 38.84 ng
RT: 8.95 min Scan# 964
Delta R.T. -0.02 min
Lab File: BG031320.D
Acq: 1 Dec 2017 16:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100				
71	1.1		3.0	4.4	
51	25.4		26.1	39.1	
120	23.4		17.4	26.2	





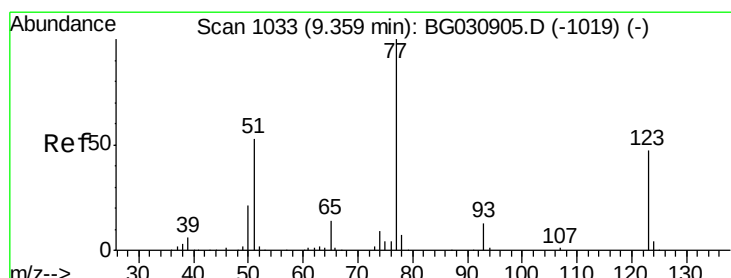
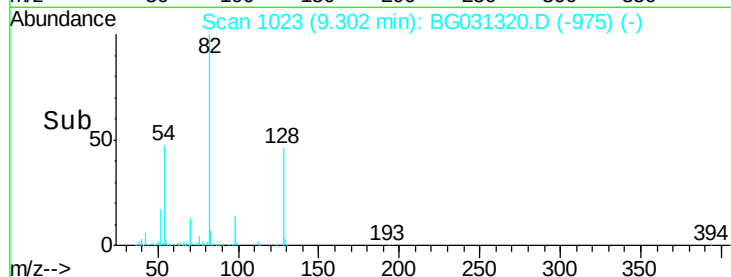
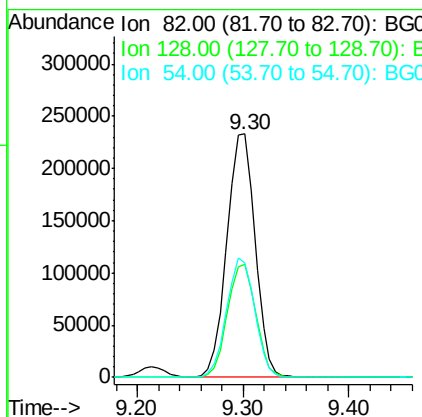
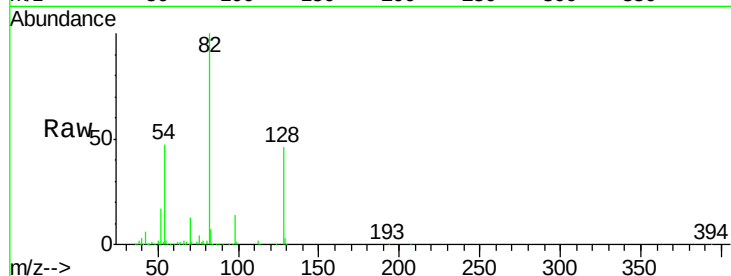
#23
Nitrobenzene-d5
Concen: 82.58 ng
RT: 9.30 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BG031320.D
Acq: 1 Dec 2017 16:32

Instrument :
BNA_G
ClientSampleId :
SU-03-112917MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.5	29.7	44.5#
54	47.0	43.1	64.7

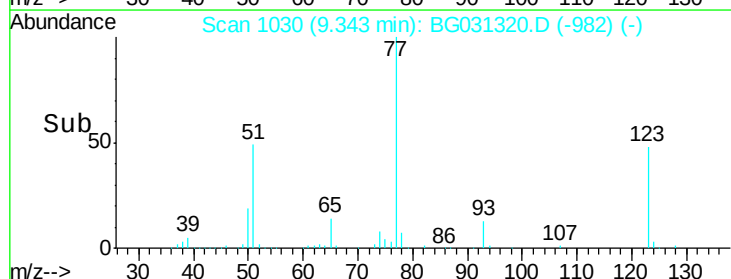
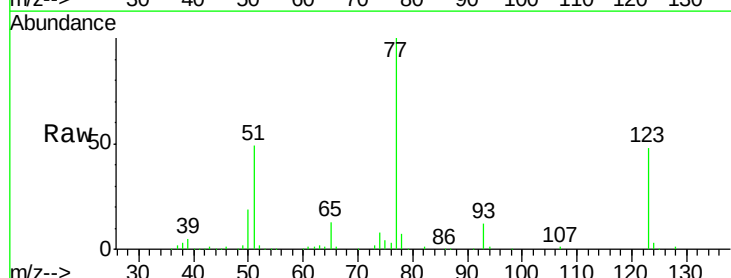
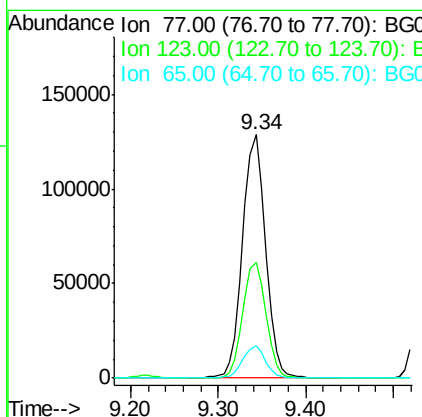
Manual Integrations
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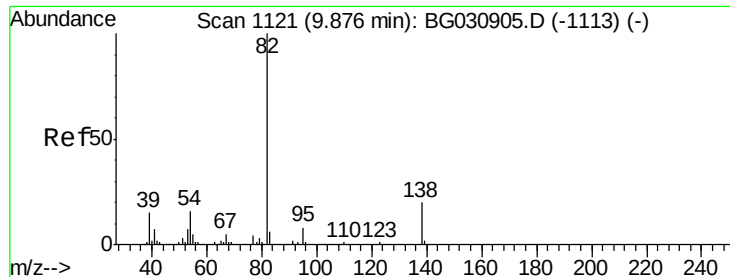
Sohil
12/4/2017 12:00:03 PM



#24
Nitrobenzene
Concen: 42.99 ng
RT: 9.34 min Scan# 1030
Delta R.T. -0.02 min
Lab File: BG031320.D
Acq: 1 Dec 2017 16:32

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.5	33.0	49.6
65	13.5	13.0	19.6





#25

Isophorone

Concen: 42.48 ng

RT: 9.86 min Scan# 1118

Delta R.T. -0.02 min

Lab File: BG031320.D

Acq: 1 Dec 2017 16:32

Instrument :

BNA_G

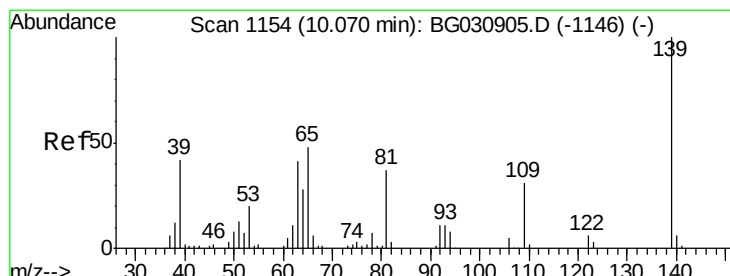
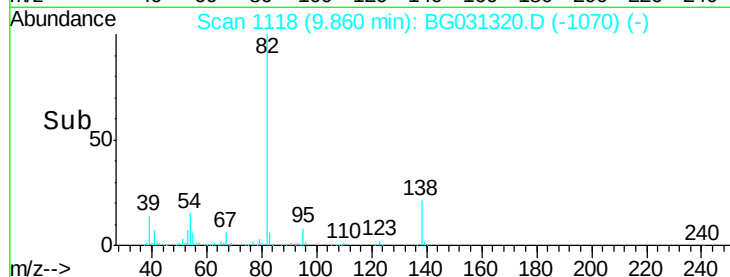
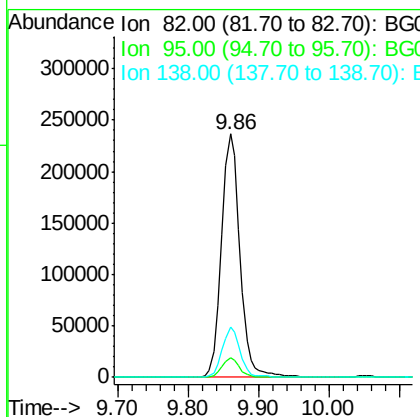
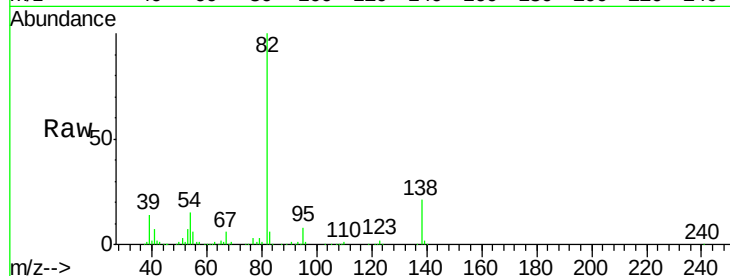
ClientSampleId :

SU-03-112917MS

Tot Ion:	82	Resp:	431681
Ion Ratio	Lower	Upper	
82	100		
95	7.8	6.2	9.2
138	20.9	12.1	18.1#

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#26

2-Nitrophenol

Concen: 44.09 ng

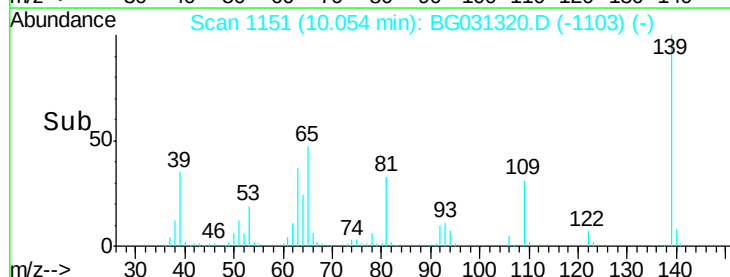
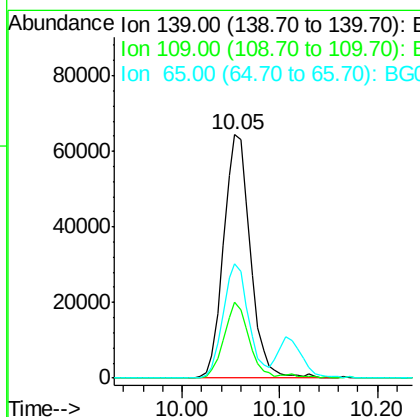
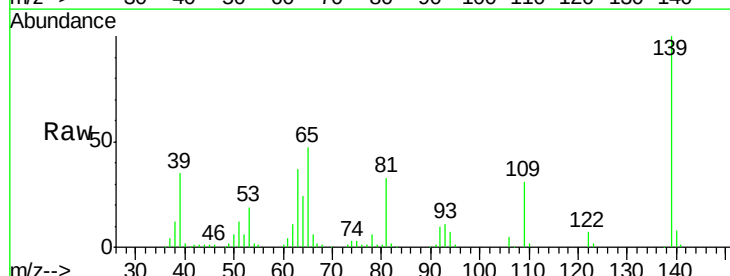
RT: 10.05 min Scan# 1151

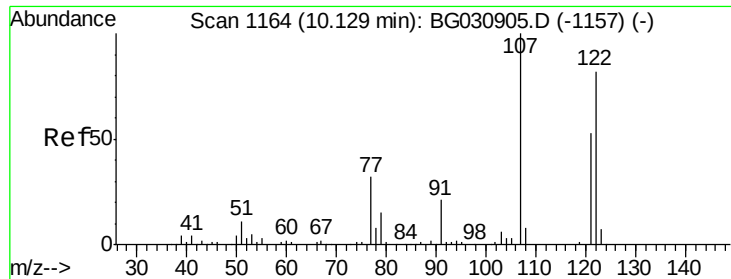
Delta R.T. -0.02 min

Lab File: BG031320.D

Acq: 1 Dec 2017 16:32

Tgt Ion:	139	Resp:	122334
Ion Ratio	Lower	Upper	
139	100		
109	31.0	24.2	36.2
65	47.2	47.4	71.0#





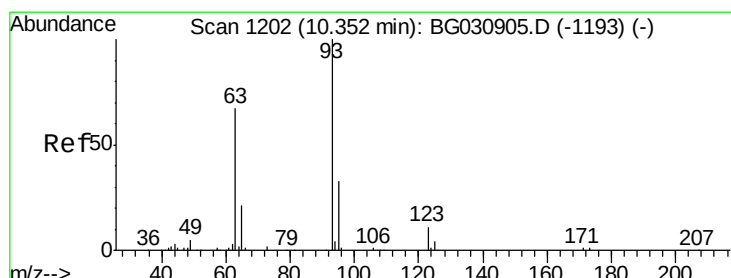
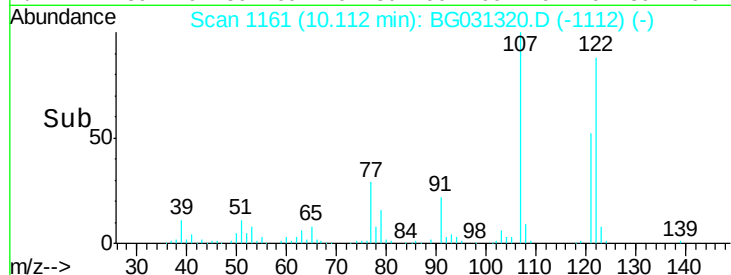
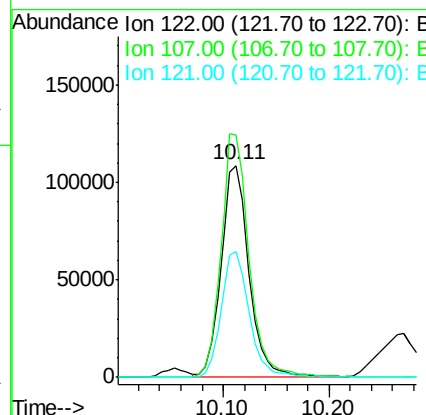
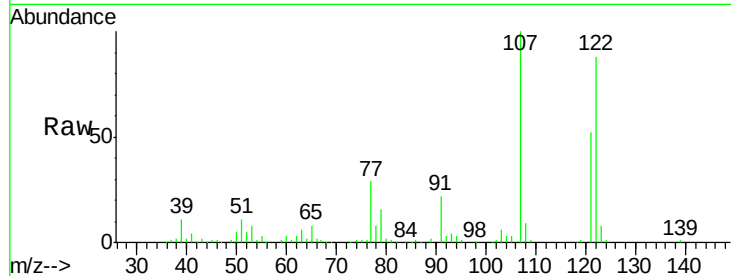
#27
 2,4-Dimethylphenol
 Concen: 48.20 ng
 RT: 10.11 min Scan# 1161
 Delta R.T. -0.01 min
 Lab File: BG031320.D
 Acq: 1 Dec 2017 16:32

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-112917MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		198515		
107	114.2	100.2	150.2		
121	59.6	44.4	66.6		

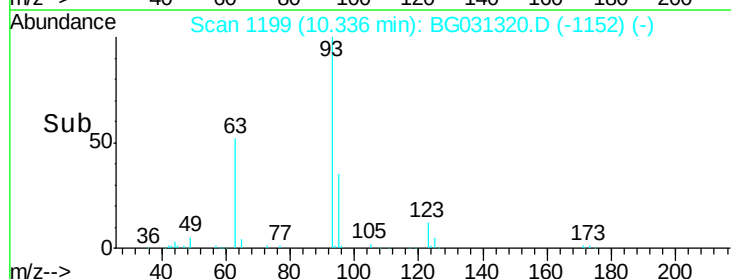
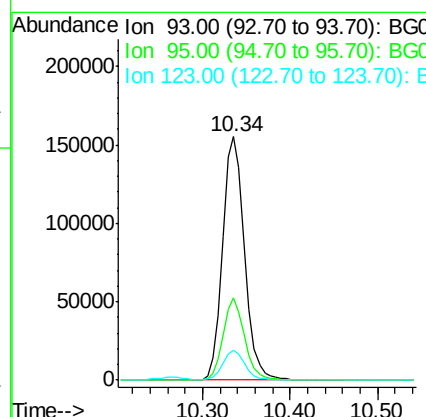
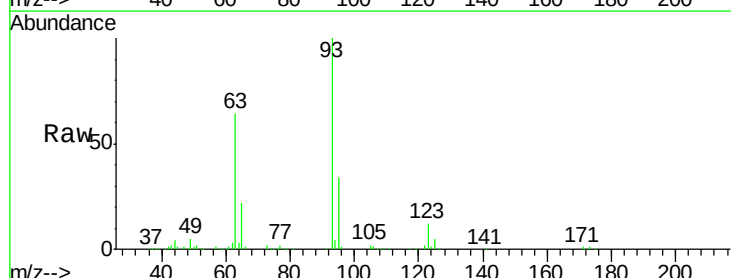
Manual Integrations
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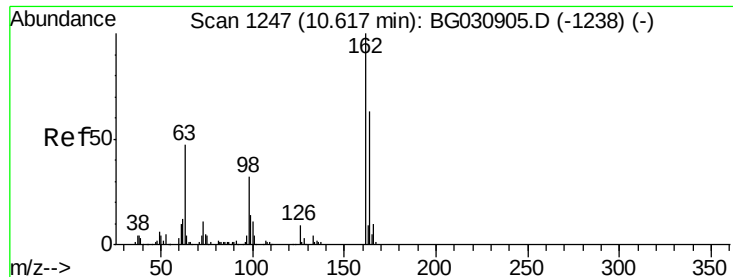
Sohil
 12/4/2017 12:00:03 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.11 ng
 RT: 10.34 min Scan# 1199
 Delta R.T. -0.03 min
 Lab File: BG031320.D
 Acq: 1 Dec 2017 16:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		269530		
95	33.6	24.3	36.5		
123	12.2	8.4	12.6		





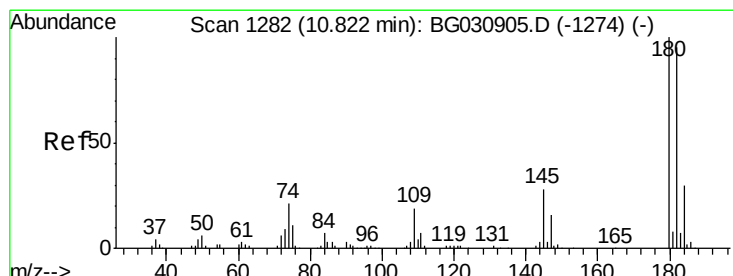
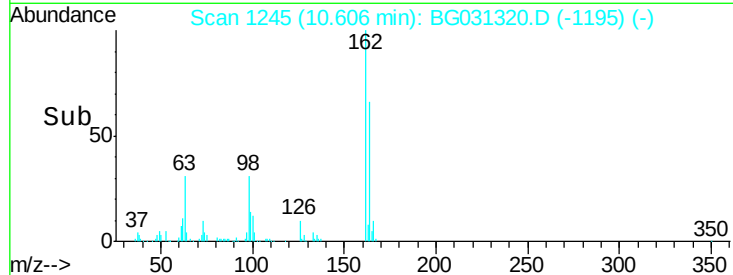
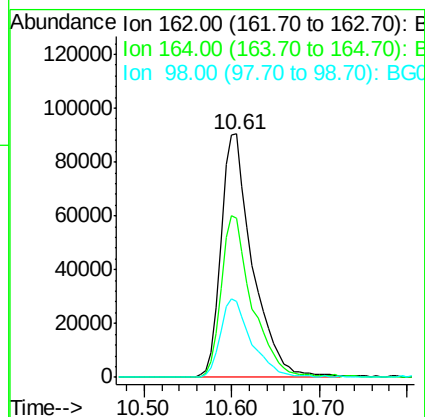
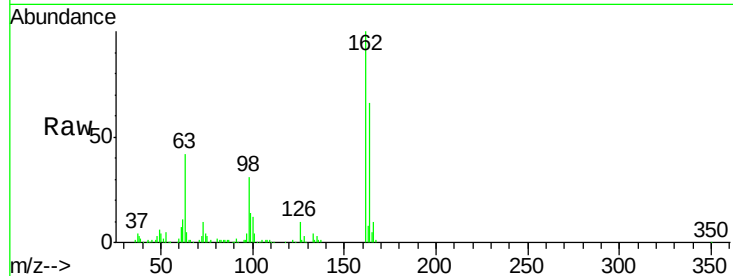
#29
 2,4-Dichlorophenol
 Concen: 45.26 ng
 RT: 10.61 min Scan# 1245
 Delta R.T. -0.01 min
 Lab File: BG031320.D
 Acq: 1 Dec 2017 16:32

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-112917MS

Tot Ion:	162	Resp:	223840
Ion Ratio	Lower	Upper	
162	100		
164	65.5	48.0	88.0
98	31.2	21.1	61.1

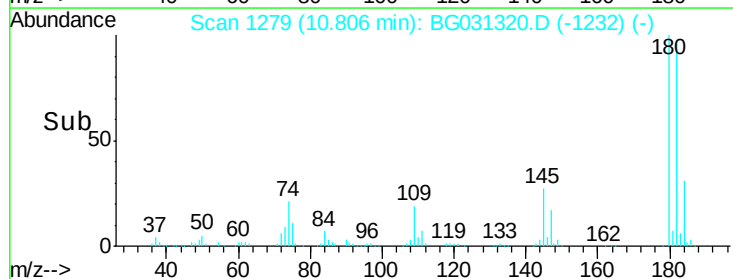
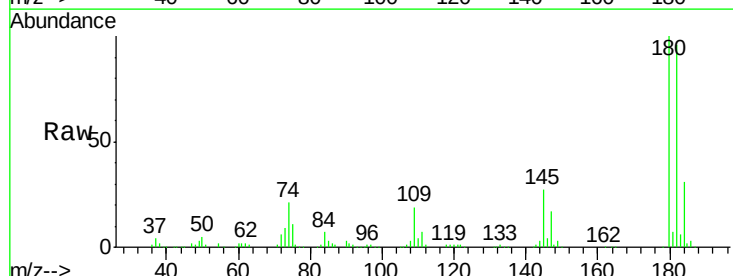
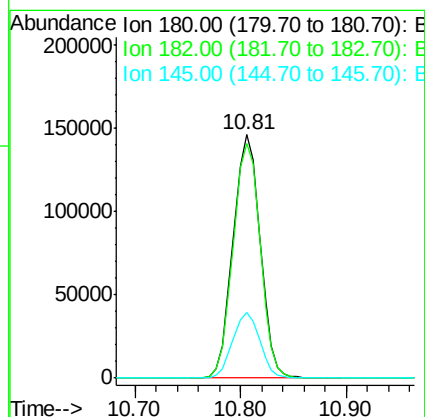
Manual Integrations
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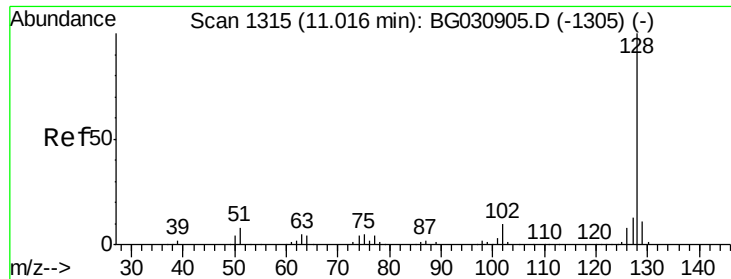
Sohil
 12/4/2017 12:00:03 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 43.77 ng
 RT: 10.81 min Scan# 1279
 Delta R.T. -0.03 min
 Lab File: BG031320.D
 Acq: 1 Dec 2017 16:32

Tgt Ion:	180	Resp:	258443
Ion Ratio	Lower	Upper	
180	100		
182	96.2	77.5	116.3
145	26.8	23.4	35.2





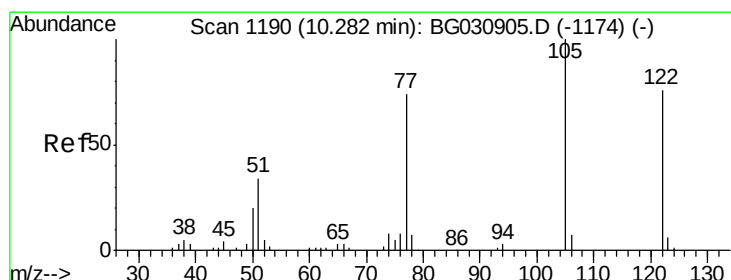
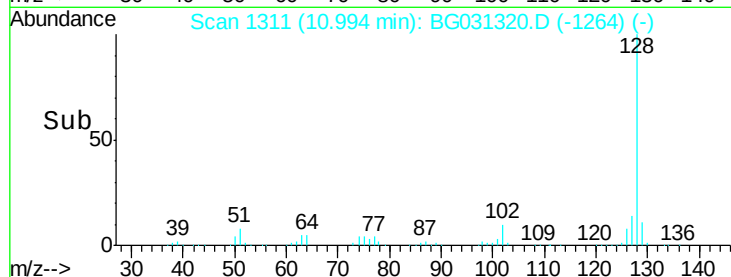
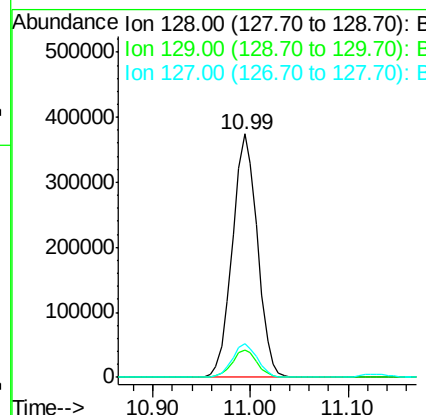
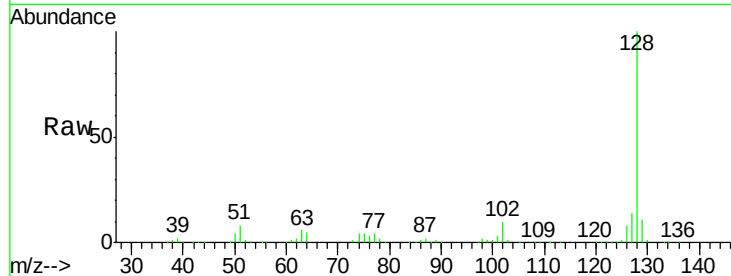
#31
Naphthalene
Concen: 43.75 ng
RT: 10.99 min Scan# 1311
Delta R.T. -0.03 min
Lab File: BG031320.D
Acq: 1 Dec 2017 16:32

Instrument :
BNA_G
ClientSampleId :
SU-03-112917MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.6	12.8
127	13.7	11.6	17.4

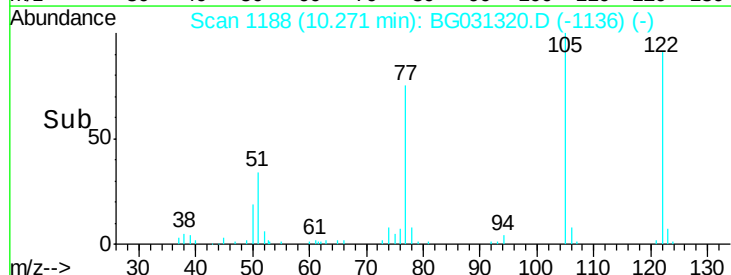
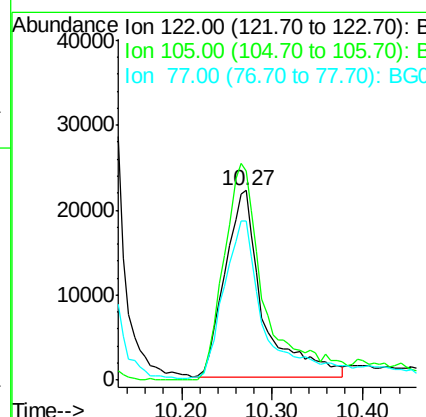
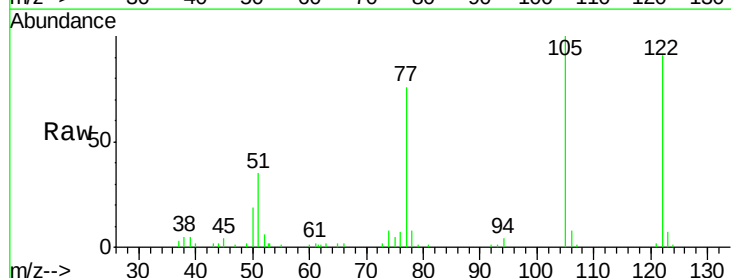
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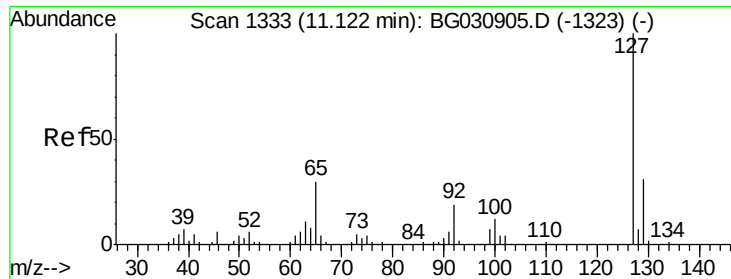
Sohil
12/4/2017 12:00:03 PM



#32
Benzoic acid
Concen: 22.29 ng
RT: 10.27 min Scan# 1188
Delta R.T. 0.00 min
Lab File: BG031320.D
Acq: 1 Dec 2017 16:32

Tgt Ion	Ratio	Lower	Upper
122	100		
105	110.4	123.5	163.5#
77	84.1	85.7	125.7#





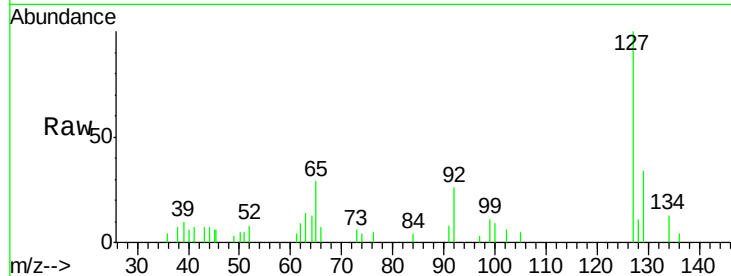
#33
4-Chloroaniline
Concen: 2.02 ng/ml
RT: 11.12 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BG031320.D
Acq: 1 Dec 2017 16:32

Instrument :
BNA_G
ClientSampleID :
SU-03-112917MS

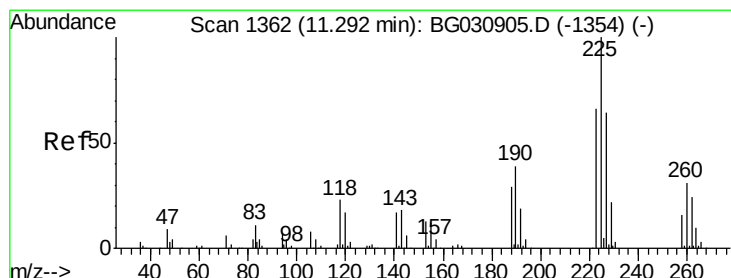
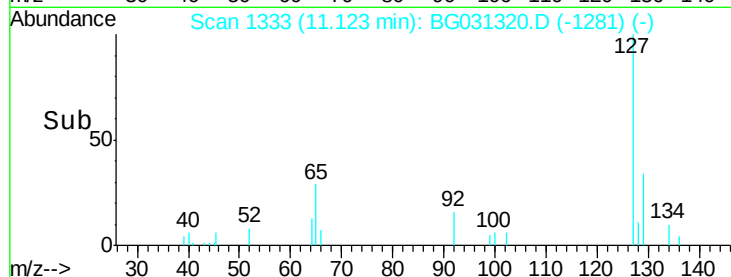
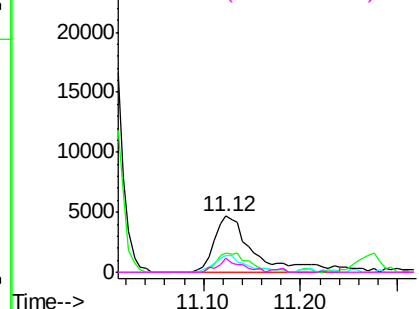
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	34.0	24.0	36.0		
65	29.0	27.0	40.4		
92	26.5	16.6	25.0		

Manual Integrations
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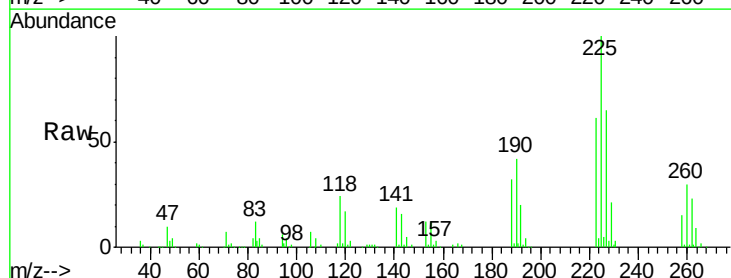


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

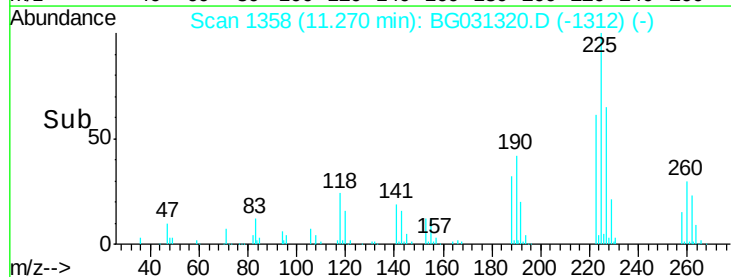
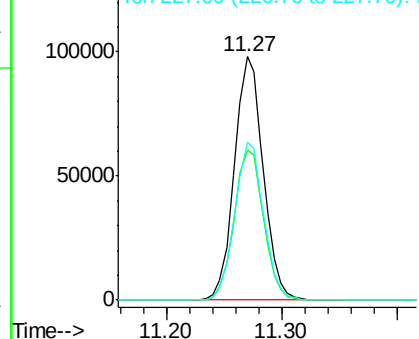


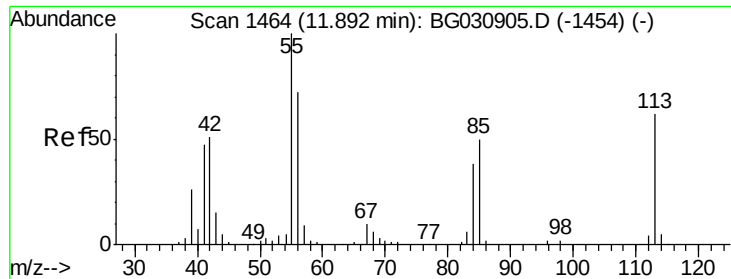
#34
Hexachlorobutadiene
Concen: 41.27 ng
RT: 11.27 min Scan# 1358
Delta R.T. -0.03 min
Lab File: BG031320.D
Acq: 1 Dec 2017 16:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.5	49.7	74.5		
227	64.9	48.1	72.1		



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





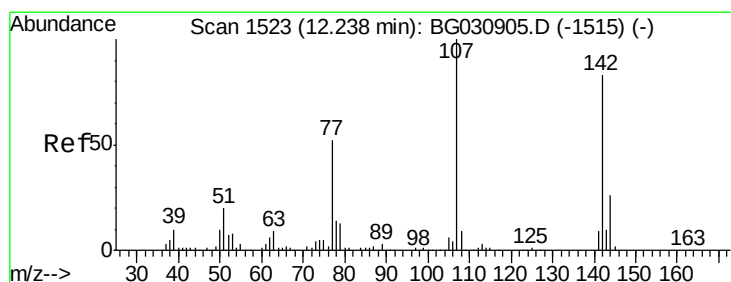
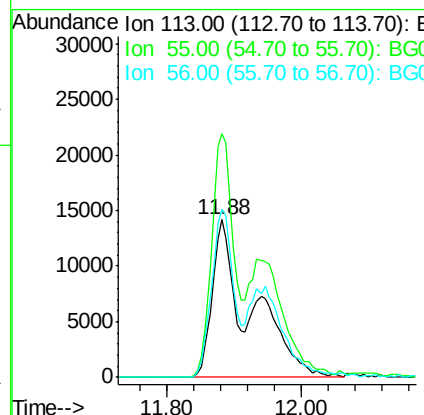
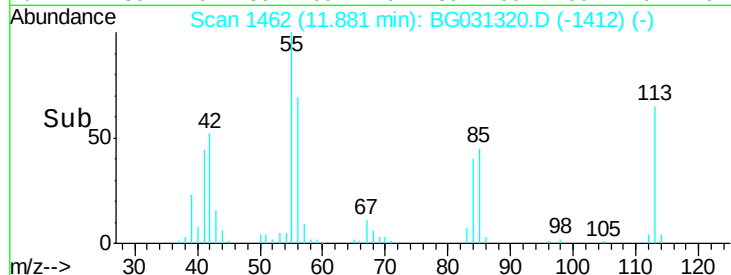
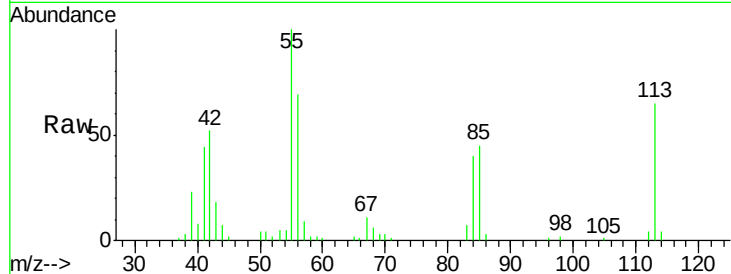
#35
 Caprolactam
 Concen: 27.38 ng/ml
 RT: 11.88 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: BG031320.D
 Acq: 1 Dec 2017 16:32

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-112917MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	154.3	186.9	226.9#
56	106.7	130.9	170.9#

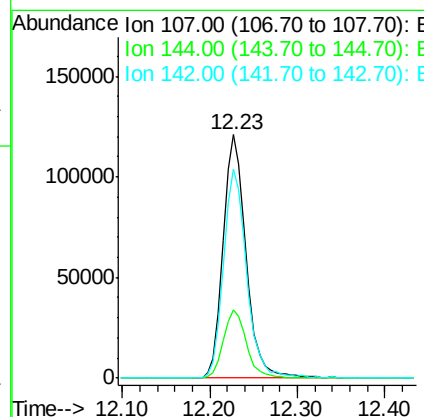
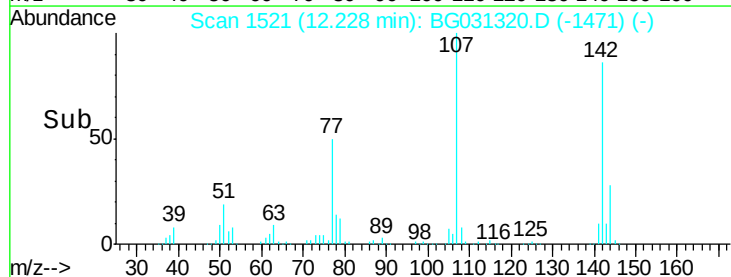
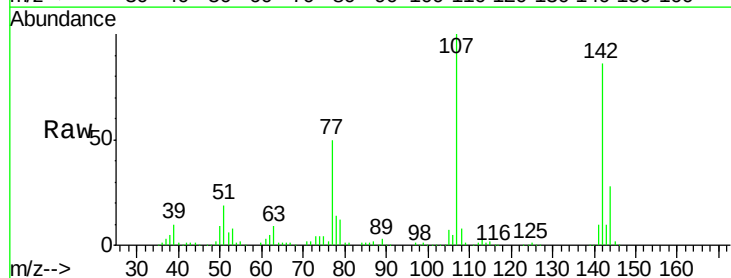
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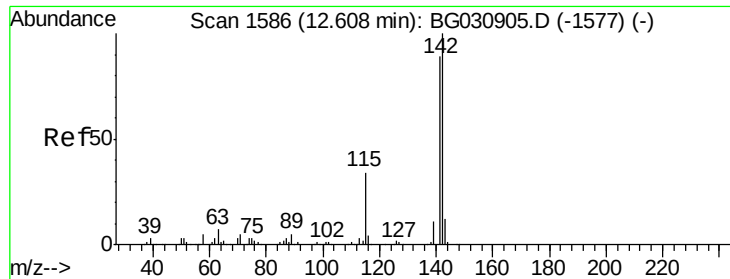
Sohil
 12/4/2017 12:00:03 PM



#36
 4-Chloro-3-methylphenol
 Concen: 40.83 ng/ml
 RT: 12.23 min Scan# 1521
 Delta R.T. -0.01 min
 Lab File: BG031320.D
 Acq: 1 Dec 2017 16:32

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.9	18.2	27.4#
142	86.0	59.0	88.4





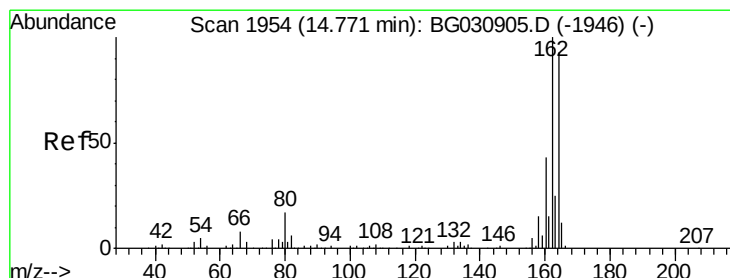
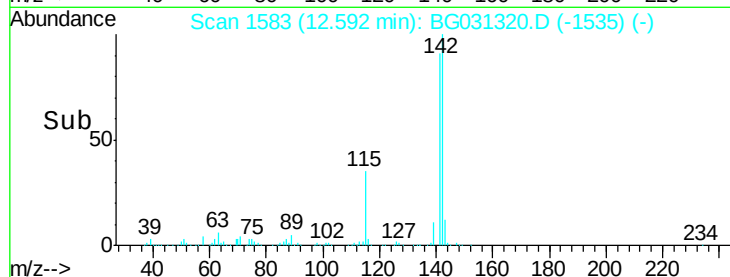
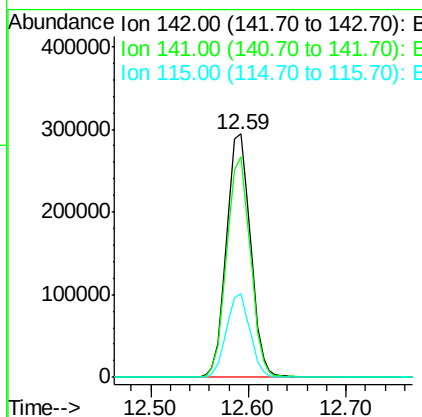
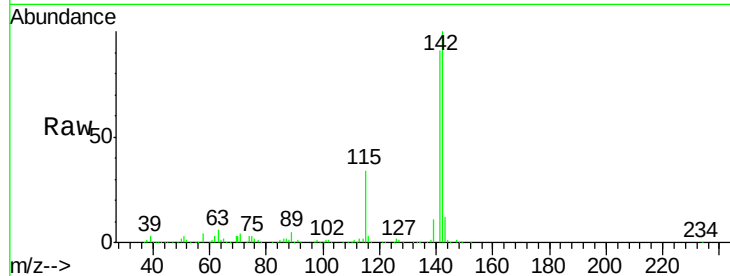
#37
 2-Methylnaphthalene
 Concen: 43.19 ng
 RT: 12.59 min Scan# 1583
 Delta R.T. -0.02 min
 Lab File: BG031320.D
 Acq: 1 Dec 2017 16:32

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-112917MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.8	67.1	100.7
115	34.4	30.7	46.1

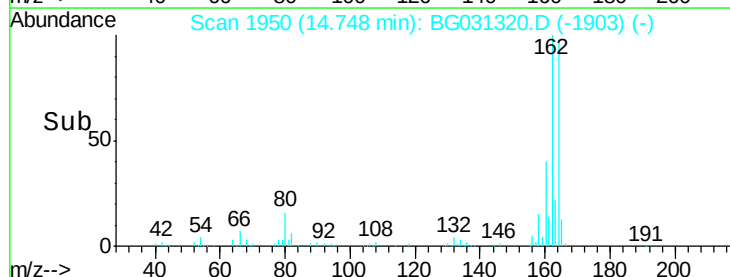
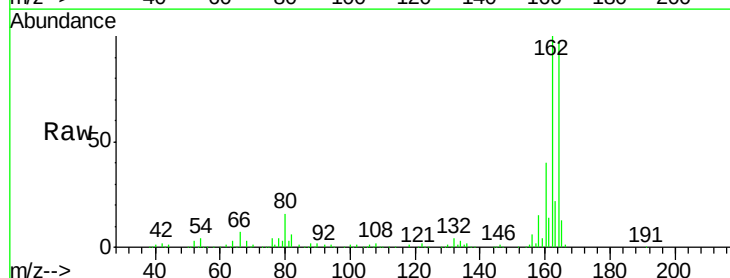
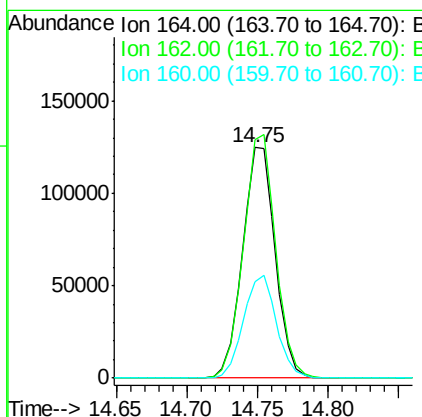
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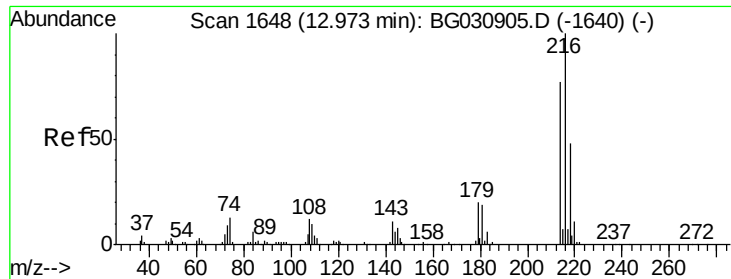
Sohil
 12/4/2017 12:00:03 PM



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.75 min Scan# 1950
 Delta R.T. -0.03 min
 Lab File: BG031320.D
 Acq: 1 Dec 2017 16:32

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.4	78.8	118.2
160	41.6	35.4	53.0





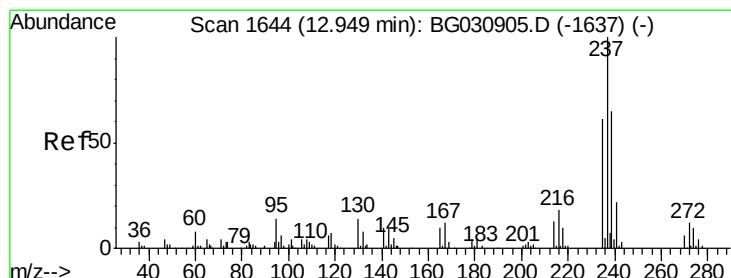
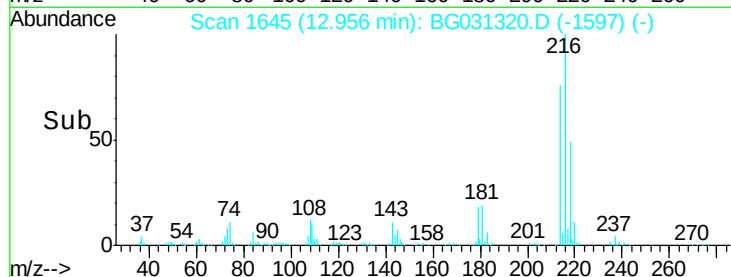
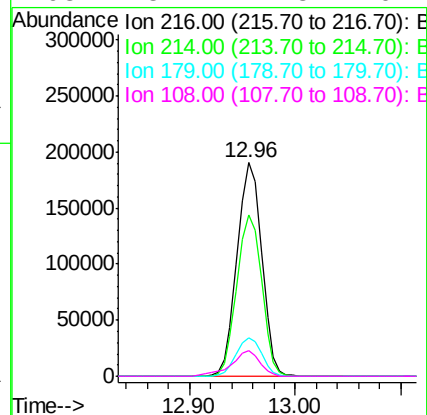
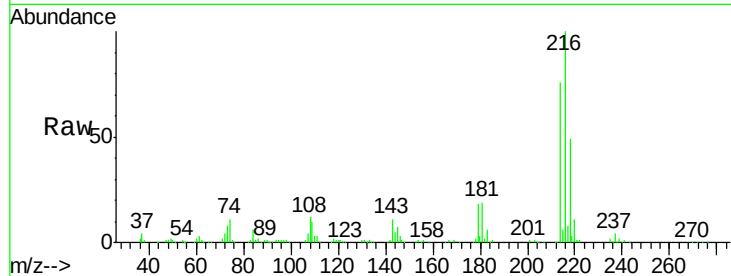
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.46 ng
 RT: 12.96 min Scan# 1645
 Delta R.T. -0.02 min
 Lab File: BG031320.D
 Acq: 1 Dec 2017 16:32

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-112917MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	76.2		63.0	94.4	
179	18.5		17.0	25.6	
108	13.7		12.8	19.2	

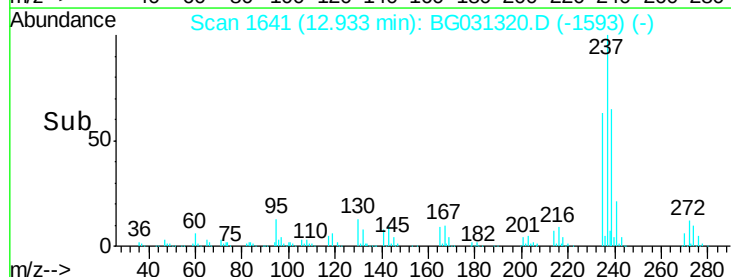
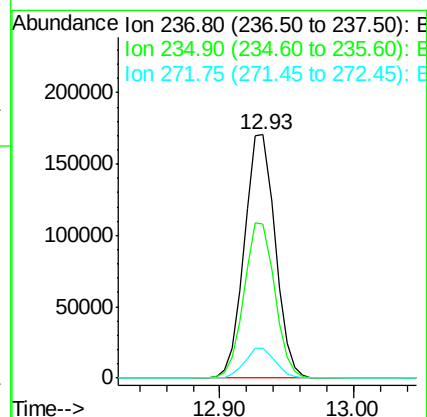
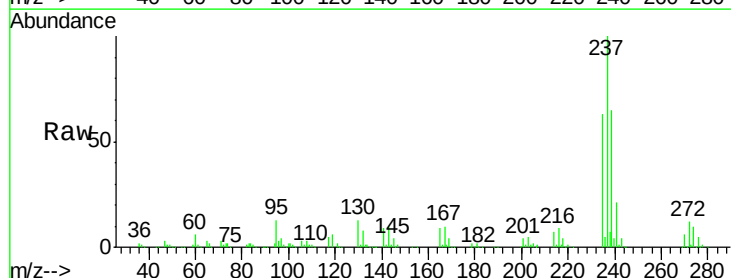
Manual Integrations
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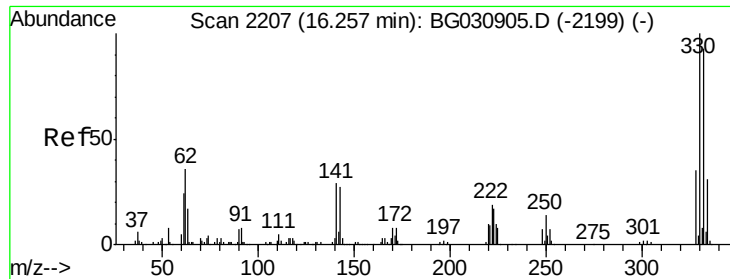
Sohil
 12/4/2017 12:00:03 PM



#40
 Hexachlorocyclopentadiene
 Concen: 90.12 ng
 RT: 12.93 min Scan# 1641
 Delta R.T. -0.02 min
 Lab File: BG031320.D
 Acq: 1 Dec 2017 16:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	63.4		50.4	90.4	
272	12.4		0.0	31.8	





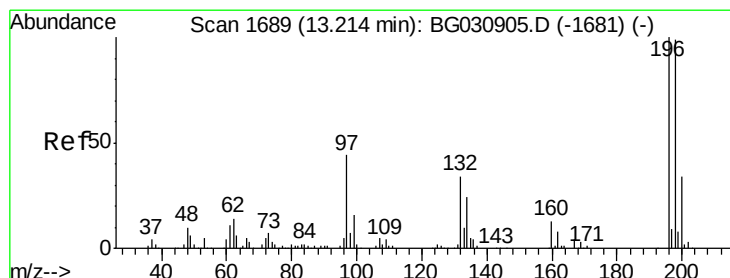
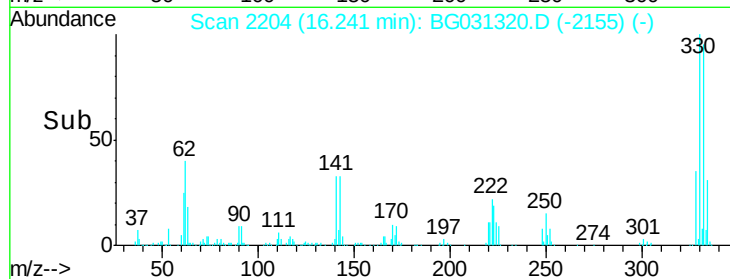
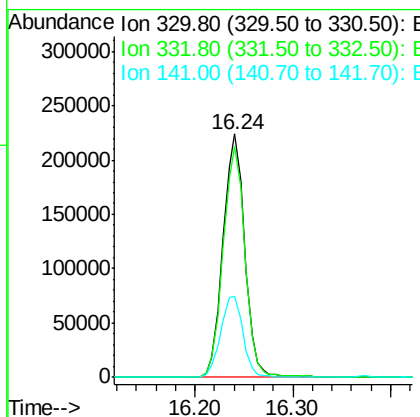
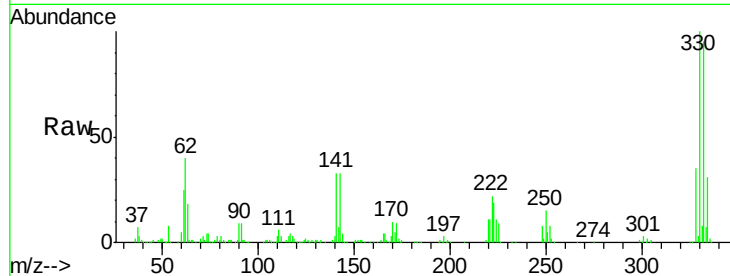
#41
 2,4,6-Tribromophenol
 Concen: 106.23 ng
 RT: 16.24 min Scan# 2204
 Delta R.T. -0.01 min
 Lab File: BG031320.D
 Acq: 1 Dec 2017 16:32

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-112917MS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	346228		
332	95.8	77.0	115.6	
141	34.4	25.2	37.8	

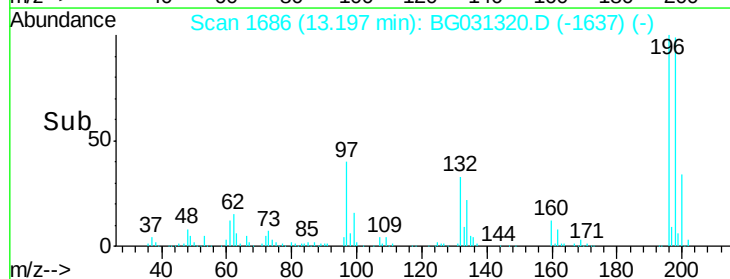
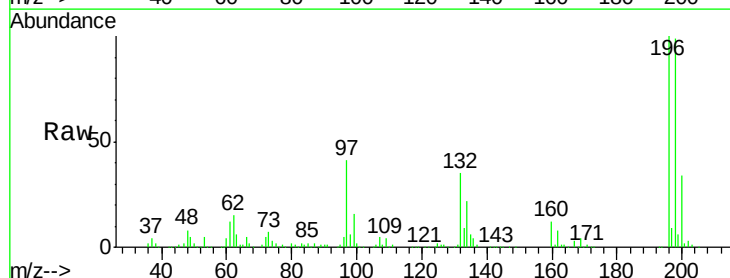
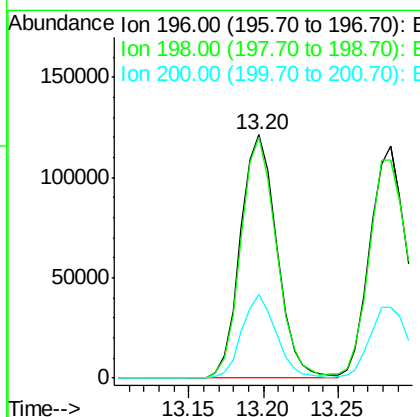
Manual Integrations
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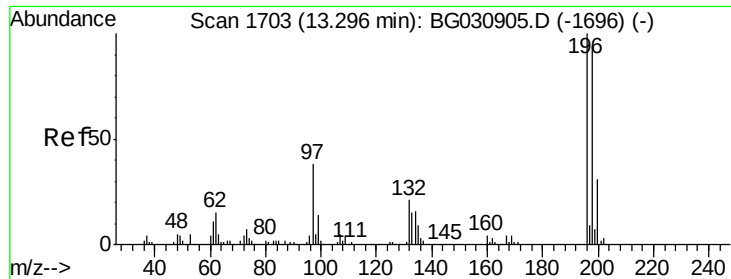
Sohil
 12/4/2017 12:00:03 PM



#42
 2,4,6-Trichlorophenol
 Concen: 44.96 ng
 RT: 13.20 min Scan# 1686
 Delta R.T. -0.01 min
 Lab File: BG031320.D
 Acq: 1 Dec 2017 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	205536		
198	98.8	78.2	117.2	
200	34.1	24.6	36.8	





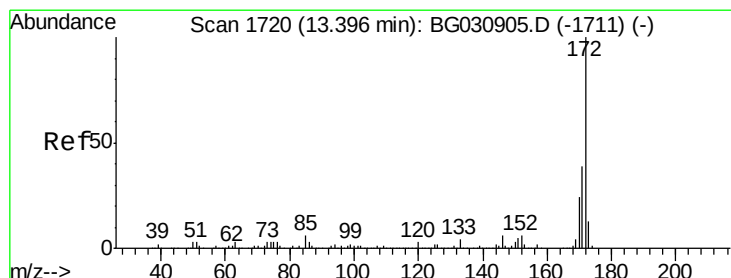
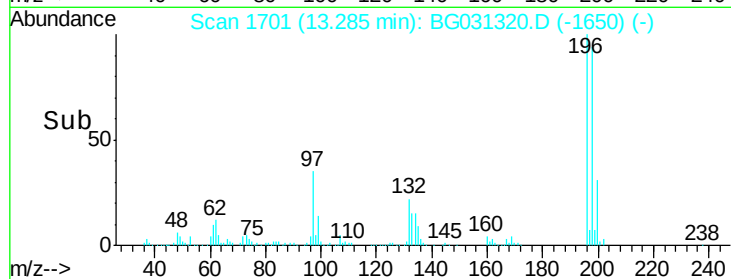
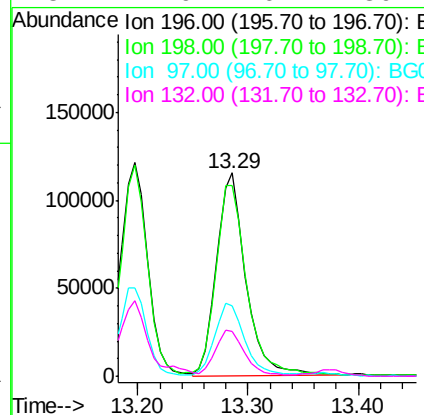
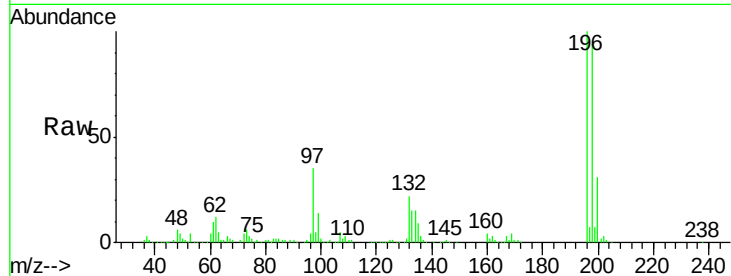
#43
2,4,5-Trichlorophenol
Concen: 42.16 ng
RT: 13.29 min Scan# 1701
Delta R.T. -0.00 min
Lab File: BG031320.D
Acq: 1 Dec 2017 16:32

Instrument :
BNA_G
ClientSampleId :
SU-03-112917MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		210859		
198	94.0	76.2	114.4		
97	34.7	38.7	58.1#		
132	21.9	20.2	30.2		

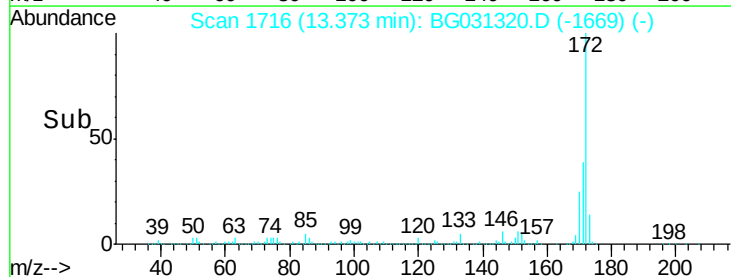
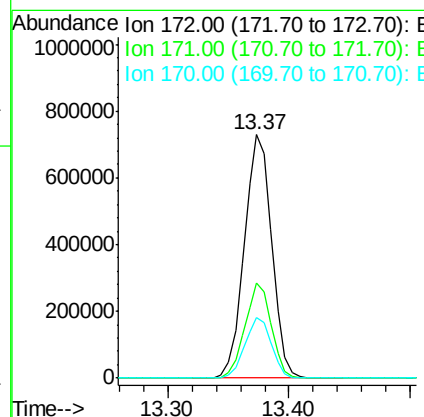
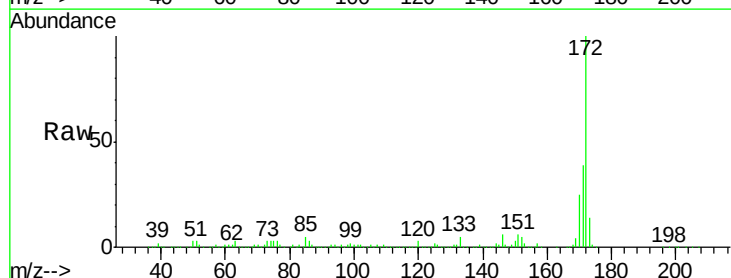
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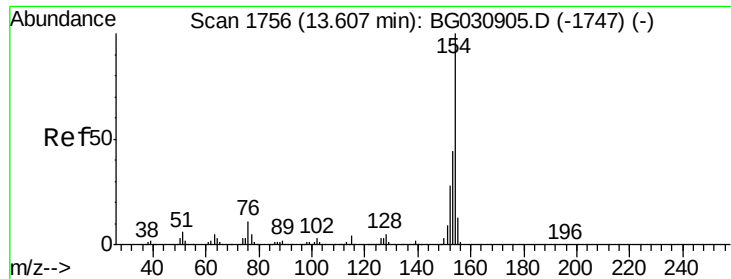
Sohil
12/4/2017 12:00:03 PM



#44
2-Fluorobiphenyl
Concen: 82.07 ng
RT: 13.37 min Scan# 1716
Delta R.T. -0.03 min
Lab File: BG031320.D
Acq: 1 Dec 2017 16:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1150839		
171	39.1	30.0	45.0		
170	24.7	19.5	29.3		





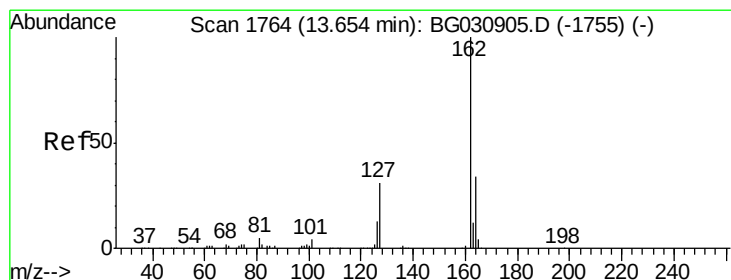
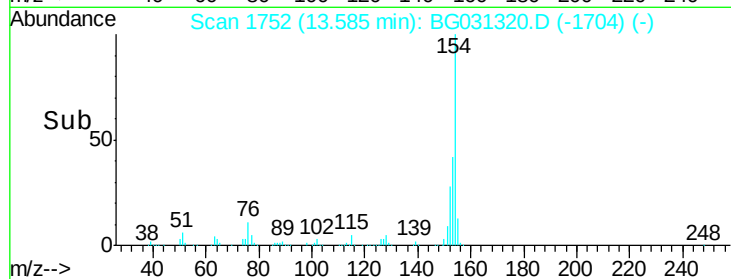
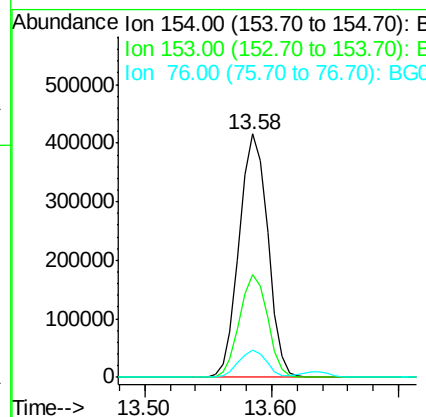
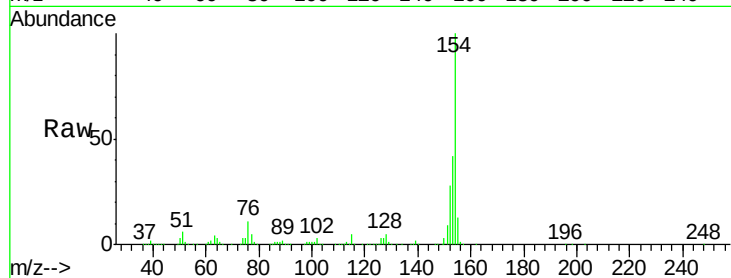
#45
 1,1'-Biphenyl
 Concen: 38.78 ng
 RT: 13.58 min Scan# 1752
 Delta R.T. -0.02 min
 Lab File: BG031320.D
 Acq: 1 Dec 2017 16:32

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-112917MS

Tot Ion	Ratio	Lower	Upper
154	100		
153	42.3	19.8	59.8
76	11.3	0.0	31.9

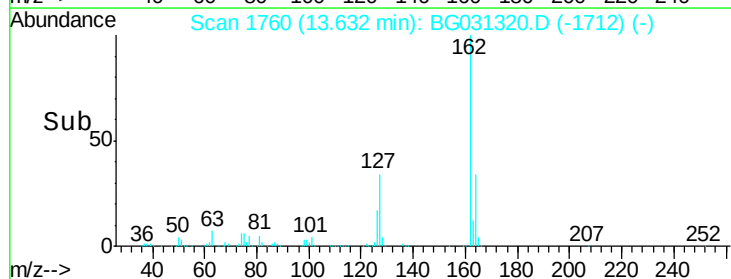
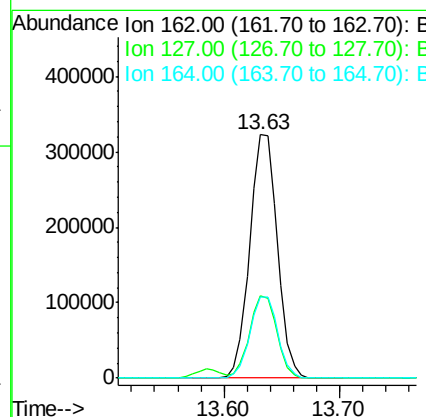
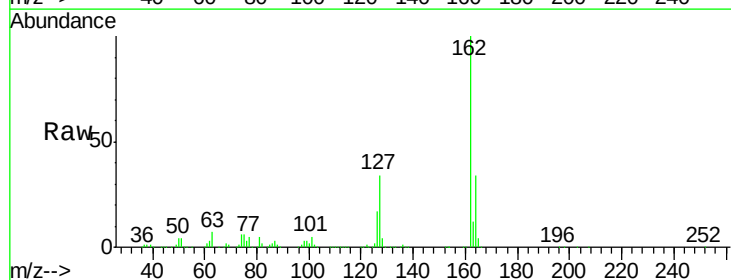
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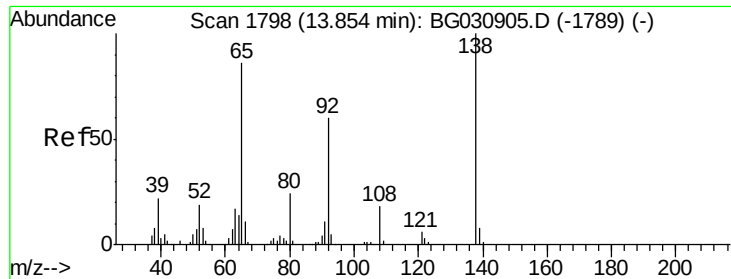
Sohil
 12/4/2017 12:00:03 PM



#46
 2-Chloronaphthalene
 Concen: 44.53 ng
 RT: 13.63 min Scan# 1760
 Delta R.T. -0.02 min
 Lab File: BG031320.D
 Acq: 1 Dec 2017 16:32

Tgt Ion	Ratio	Lower	Upper
162	100		
127	33.6	30.7	46.1
164	33.5	26.0	39.0





#47

2-Nitroaniline

Concen: 40.33 ng

RT: 13.84 min Scan# 1795

Delta R.T. -0.01 min

Lab File: BG031320.D

Acq: 1 Dec 2017 16:32

Instrument :

BNA_G

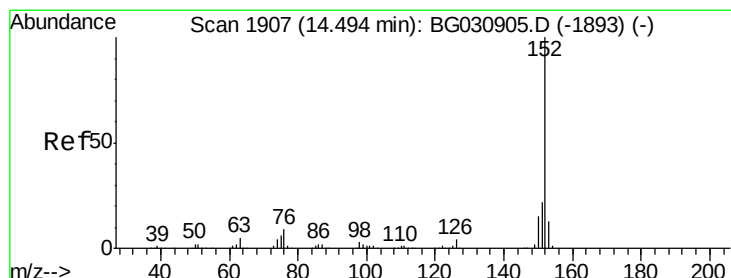
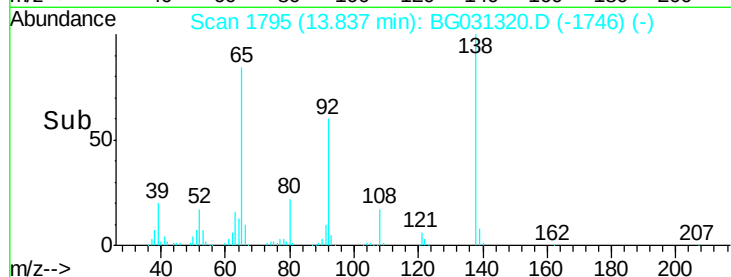
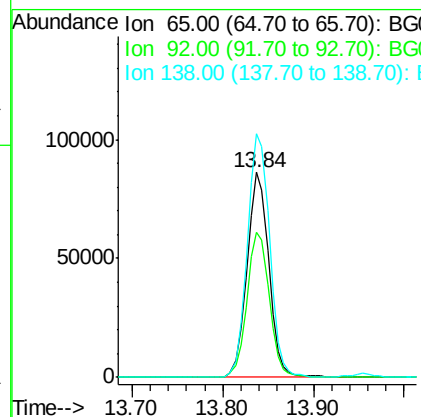
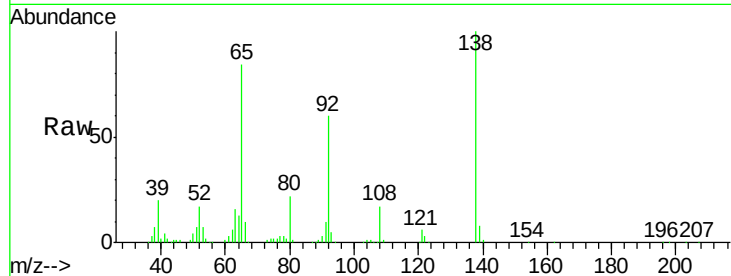
ClientSampleId :

SU-03-112917MS

Tot Ion:	65	Resp:	144105
Ion Ratio	Lower	Upper	
65	100		
92	71.0	54.6	82.0
138	118.9	72.9	109.3#

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#48

Acenaphthylene

Concen: 41.01 ng

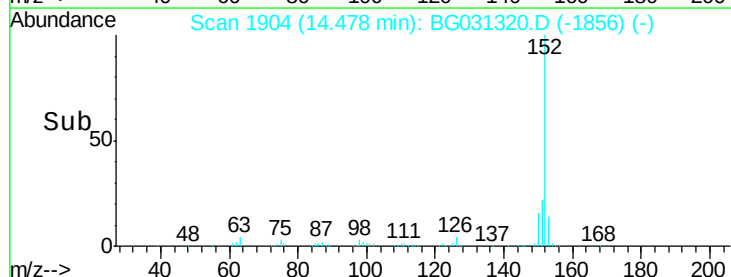
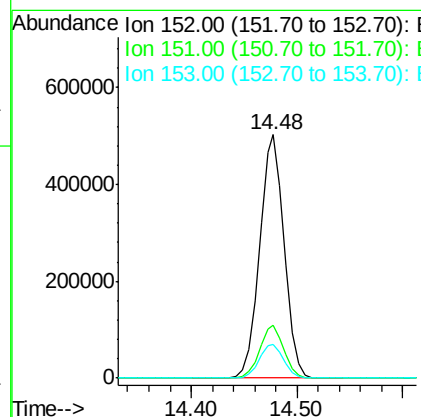
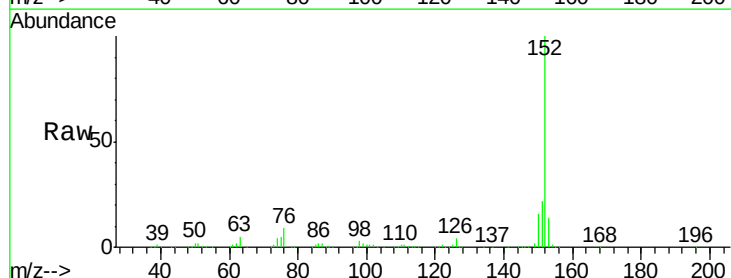
RT: 14.48 min Scan# 1904

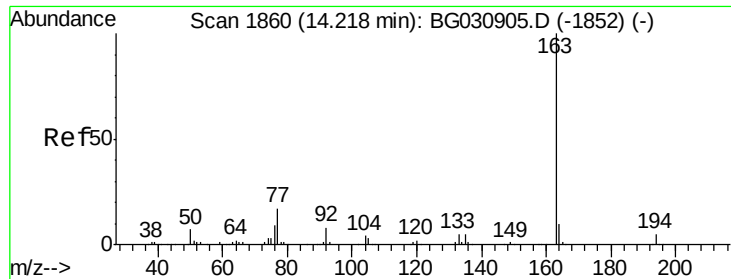
Delta R.T. -0.02 min

Lab File: BG031320.D

Acq: 1 Dec 2017 16:32

Tgt Ion:	152	Resp:	809141
Ion Ratio	Lower	Upper	
152	100		
151	21.6	17.2	25.8
153	13.9	10.2	15.4





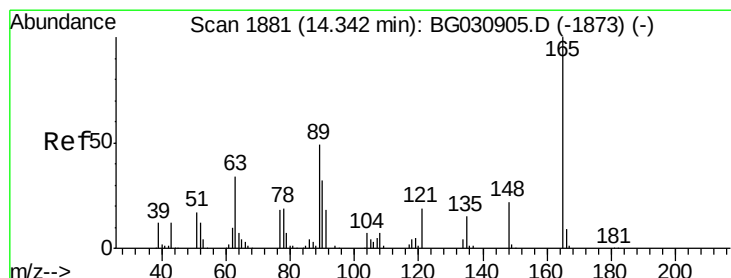
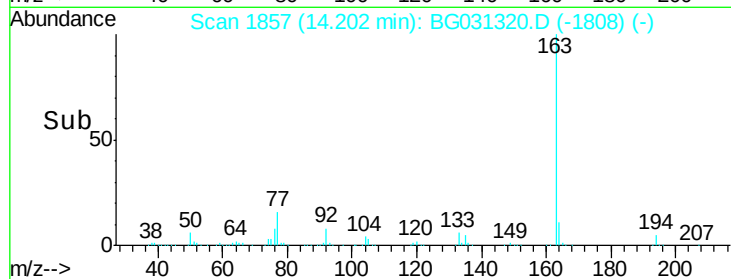
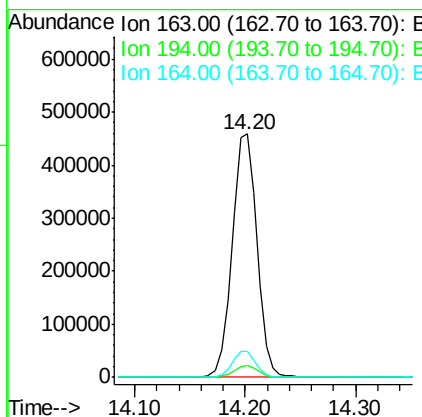
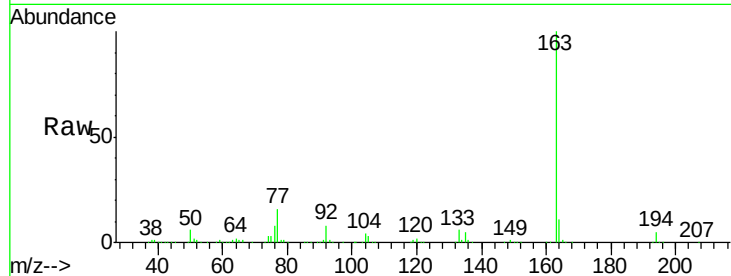
#49
Dimethylphthalate
Concen: 41.44 ng
RT: 14.20 min Scan# 1857
Delta R.T. -0.01 min
Lab File: BG031320.D
Acq: 1 Dec 2017 16:32

Instrument :
BNA_G
ClientSampleId :
SU-03-112917MS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	721866		
194	4.8		3.4	5.2
164	10.6		8.2	12.4

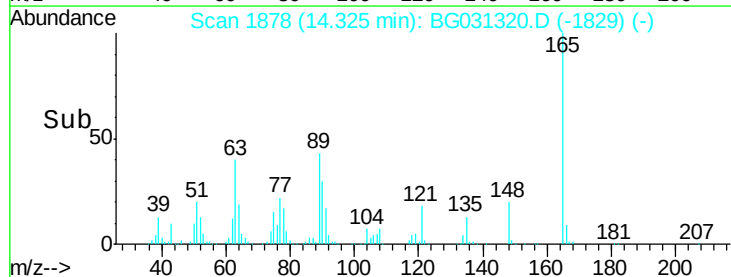
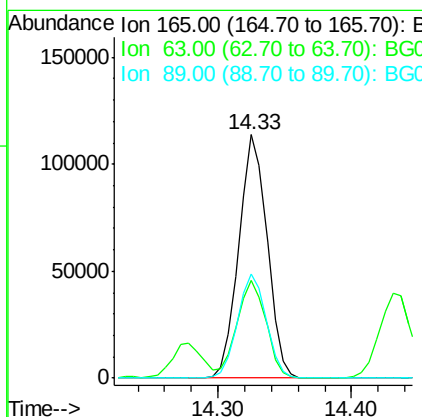
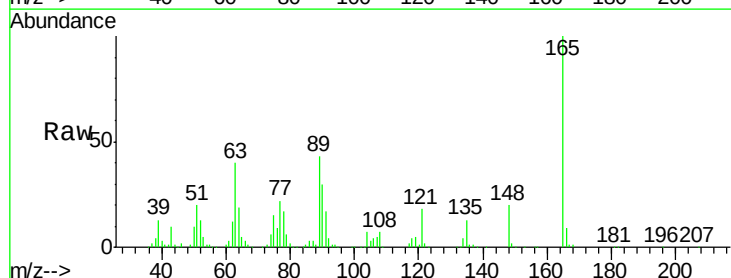
Manual Integrations
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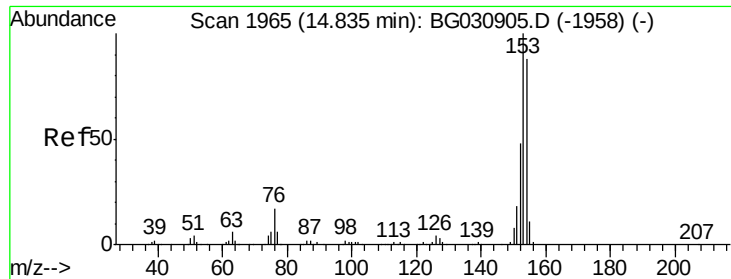
Sohil
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#50
2,6-Dinitrotoluene
Concen: 46.63 ng
RT: 14.33 min Scan# 1878
Delta R.T. -0.01 min
Lab File: BG031320.D
Acq: 1 Dec 2017 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	167425		
63	40.4		52.7	79.1#
89	42.7		49.2	73.8#





#51

Acenaphthene

Concen: 41.63 ng

RT: 14.81 min Scan# 1961

Delta R.T. -0.02 min

Lab File: BG031320.D

Acq: 1 Dec 2017 16:32

Instrument :

BNA_G

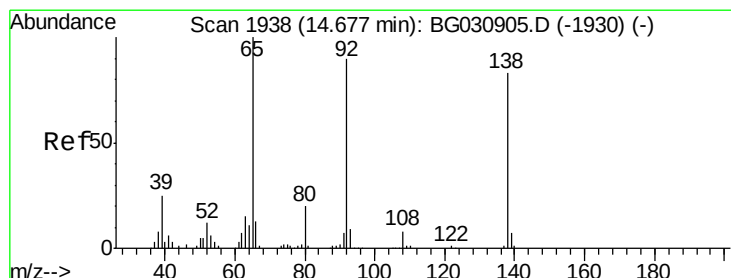
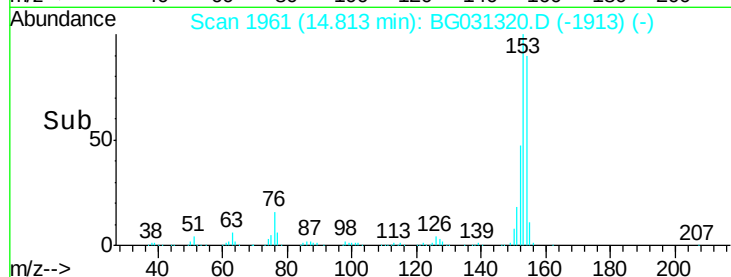
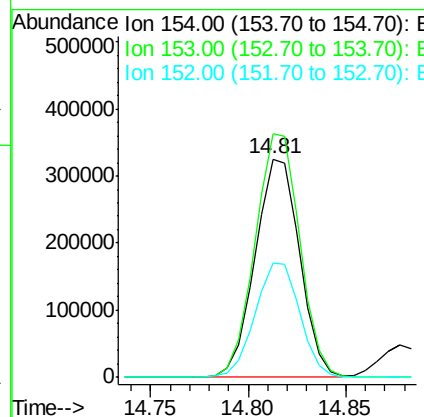
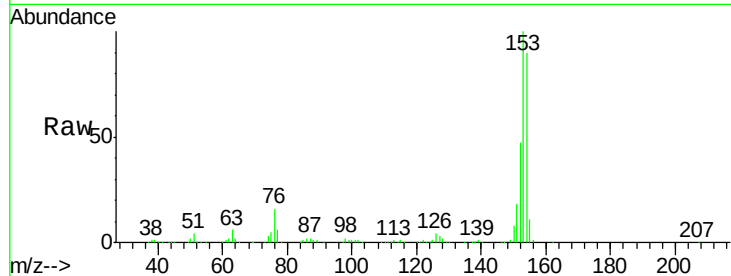
ClientSampleId :

SU-03-112917MS

Tot Ion:	154	Resp:	512935
Ion Ratio	Lower	Upper	
154	100		
153	111.7	90.4	135.6
152	52.7	41.6	62.4

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#52

3-Nitroaniline

Concen: 7.04 ng

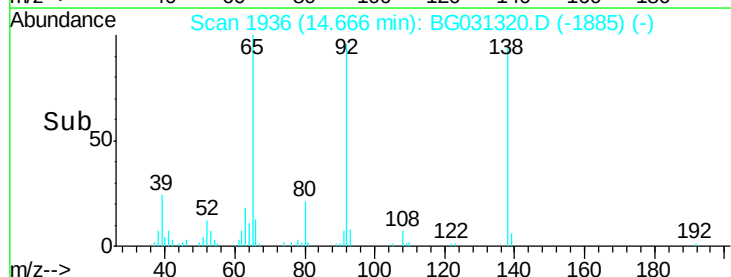
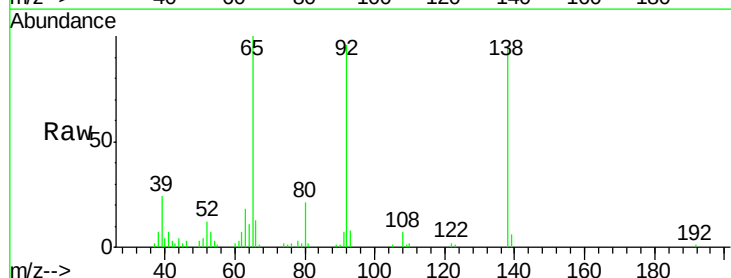
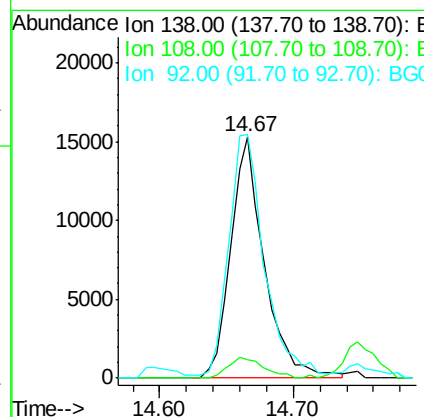
RT: 14.67 min Scan# 1936

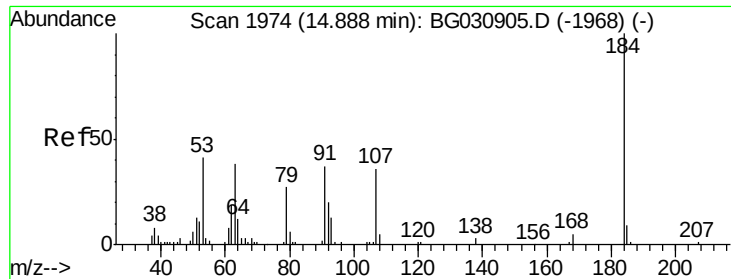
Delta R.T. -0.00 min

Lab File: BG031320.D

Acq: 1 Dec 2017 16:32

Tgt Ion:	138	Resp:	26836
Ion Ratio	Lower	Upper	
138	100		
108	7.4	17.5	26.3#
92	100.8	105.8	158.8#





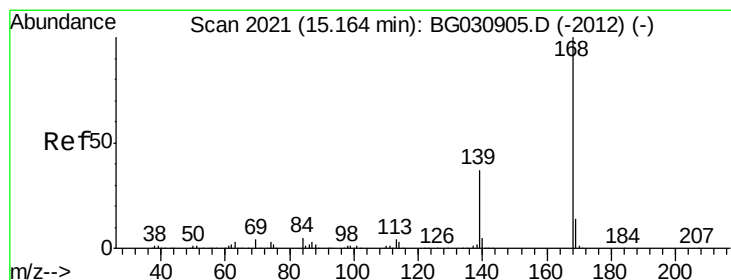
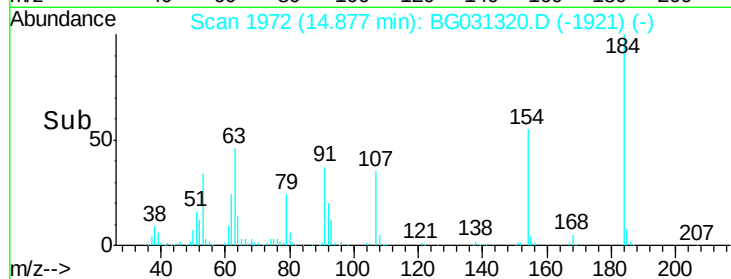
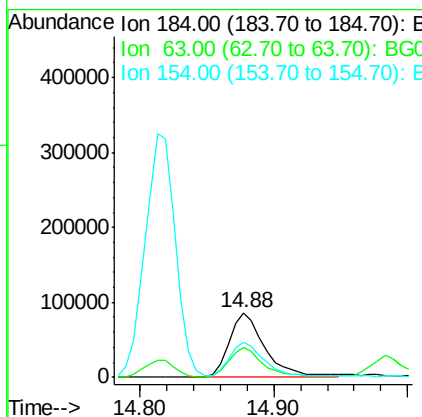
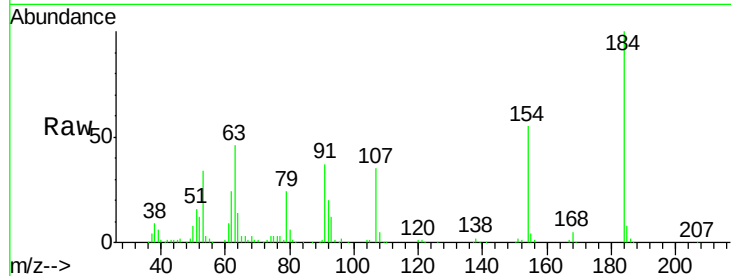
#53
2,4-Dinitrophenol
Concen: 81.47 ng
RT: 14.88 min Scan# 1972
Delta R.T. -0.00 min
Lab File: BG031320.D
Acq: 1 Dec 2017 16:32

Instrument :
BNA_G
ClientSampleId :
SU-03-112917MS

Tot Ion	Ratio	Lower	Upper
184	100		
63	46.3	59.8	89.8#
154	55.1	101.8	152.8#

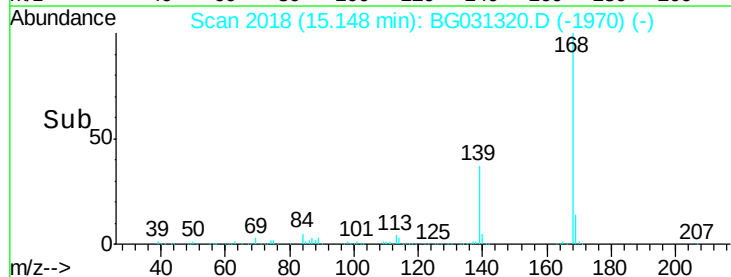
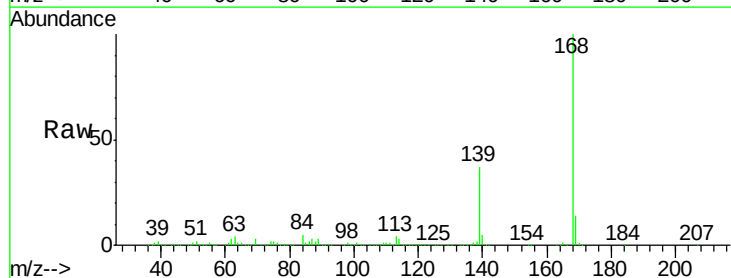
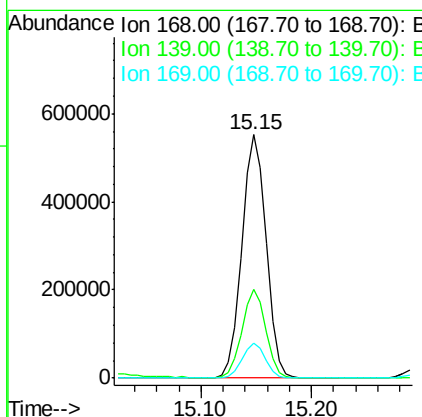
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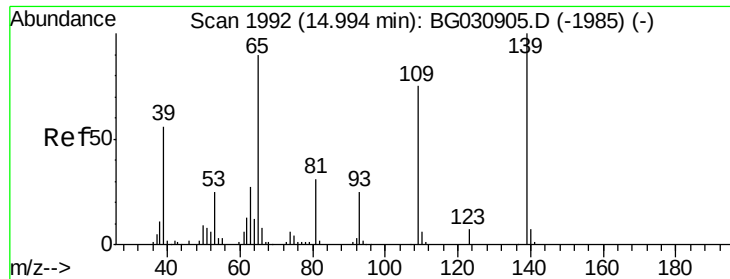
Sohil
12/4/2017 12:00:03 PM



#54
Dibenzofuran
Concen: 43.37 ng
RT: 15.15 min Scan# 2018
Delta R.T. -0.02 min
Lab File: BG031320.D
Acq: 1 Dec 2017 16:32

Tgt Ion	Ratio	Lower	Upper
168	100		
139	36.6	28.6	43.0
169	14.1	11.2	16.8





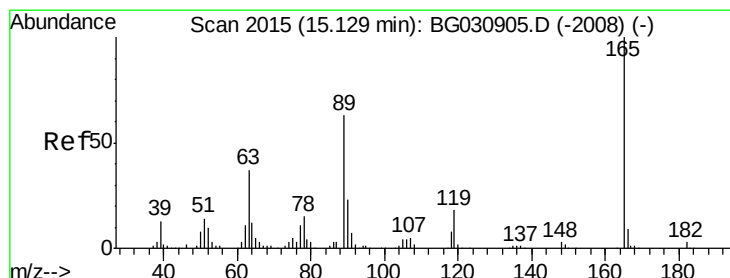
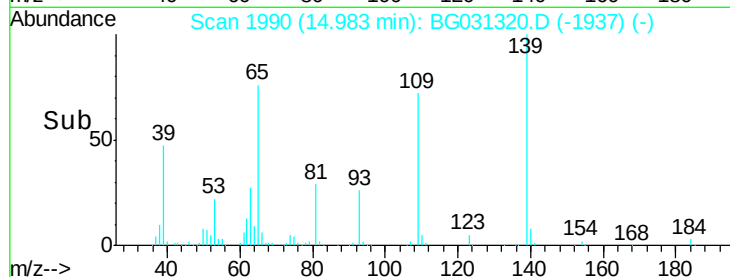
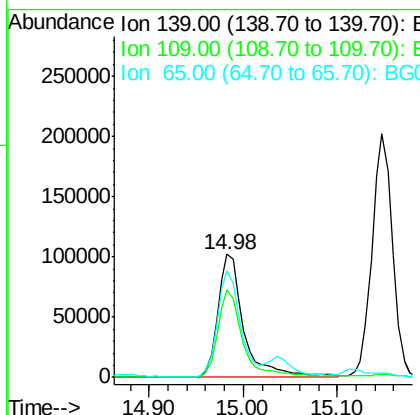
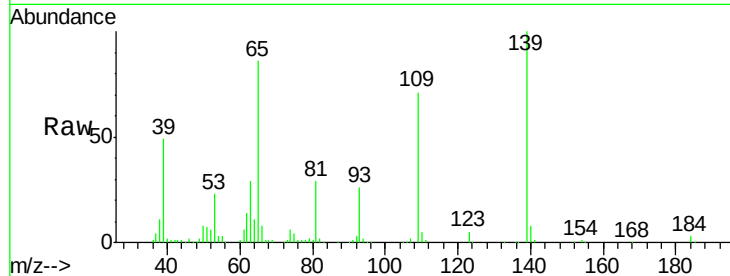
#55
4-Nitrophenol
Concen: 72.95 ng
RT: 14.98 min Scan# 1990
Delta R.T. 0.01 min
Lab File: BG031320.D
Acq: 1 Dec 2017 16:32

Instrument :
BNA_G
ClientSampleId :
SU-03-112917MS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	198125		
109	71.4	62.2	102.2	
65	86.3	97.2	137.2#	

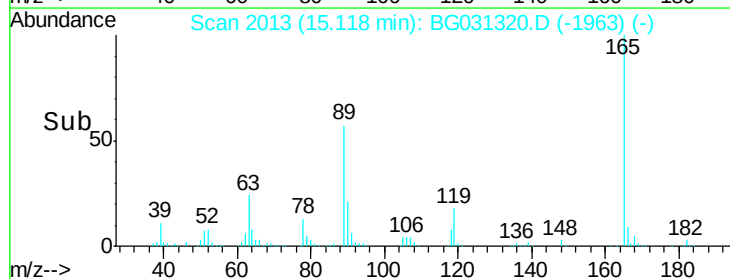
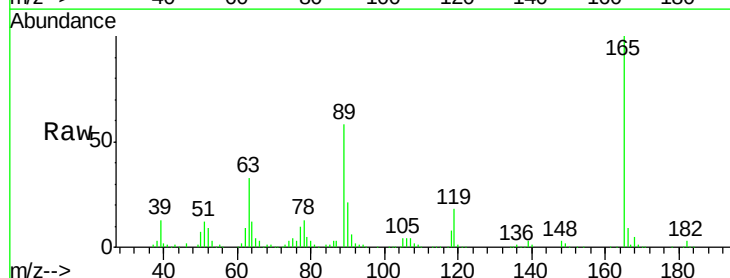
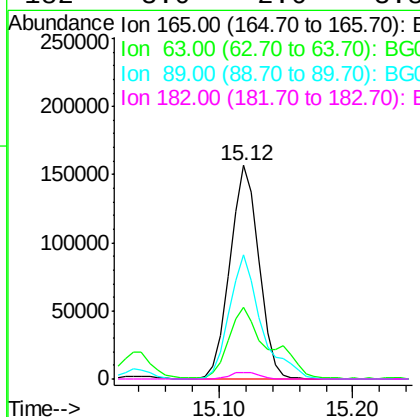
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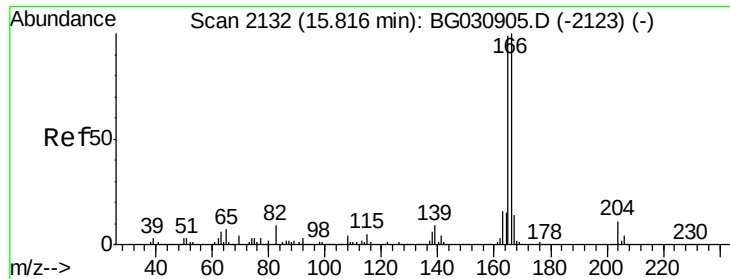
Sohil
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#56
2,4-Dinitrotoluene
Concen: 45.76 ng
RT: 15.12 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BG031320.D
Acq: 1 Dec 2017 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	237536		
63	33.5	42.0	63.0#	
89	57.9	66.9	100.3#	
182	3.0	2.6	3.8	





#57

Fluorene

Concen: 43.01 ng

RT: 15.79 min Scan# 2128

Delta R.T. -0.02 min

Lab File: BG031320.D

Acq: 1 Dec 2017 16:32

Instrument :

BNA_G

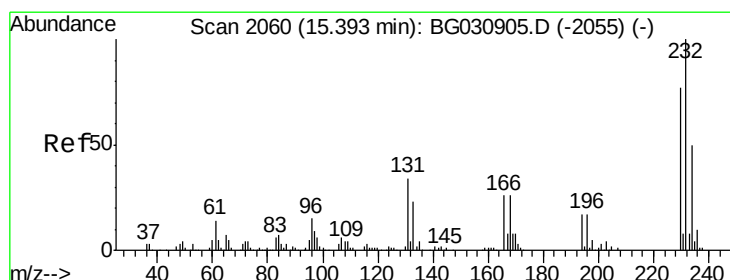
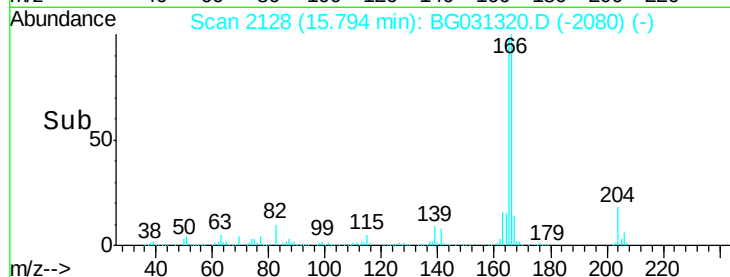
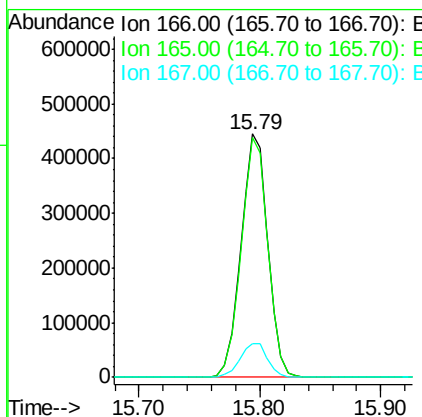
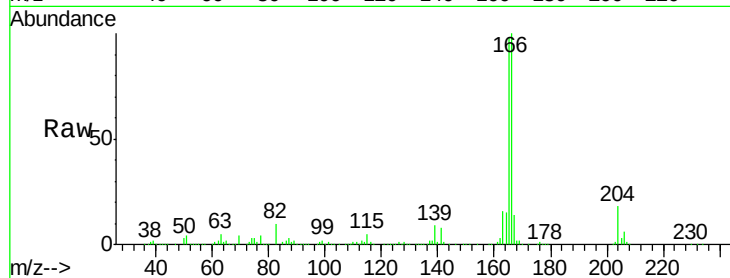
ClientSampleId :

SU-03-112917MS

Tot Ion:	166	Resp:	685279
Ion Ratio	Lower	Upper	
166	100		
165	98.5	80.6	121.0
167	14.1	10.4	15.6

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#58

2,3,4,6-Tetrachlorophenol

Concen: 46.07 ng

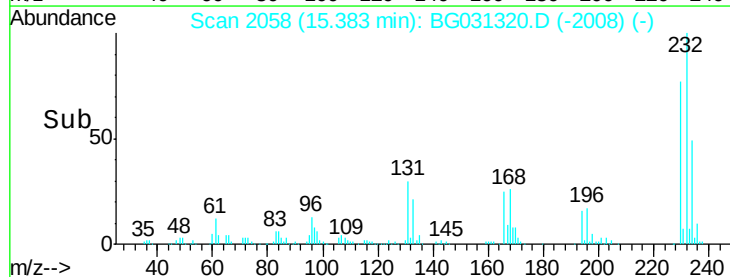
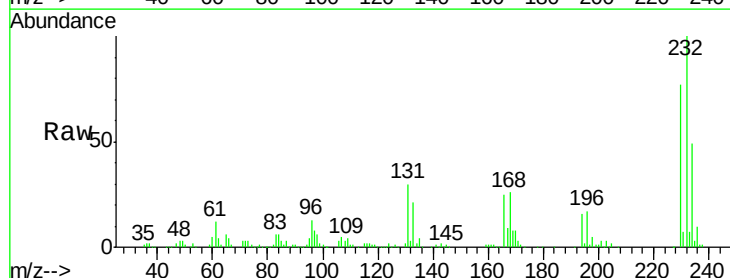
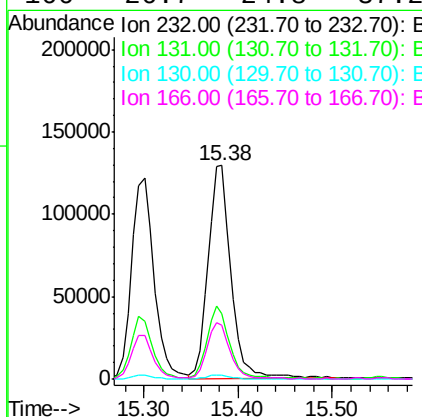
RT: 15.38 min Scan# 2058

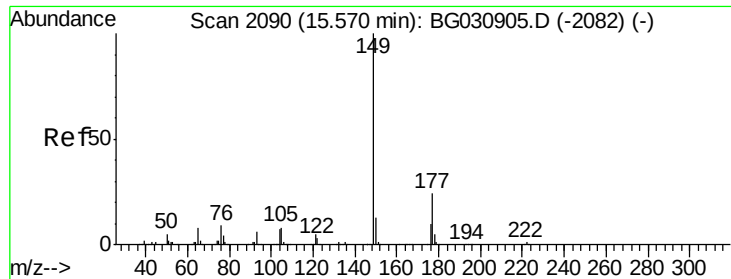
Delta R.T. -0.01 min

Lab File: BG031320.D

Acq: 1 Dec 2017 16:32

Tgt Ion:	232	Resp:	219638
Ion Ratio	Lower	Upper	
232	100		
131	32.7	33.5	50.3#
130	1.9	2.2	3.2#
166	26.7	24.8	37.2





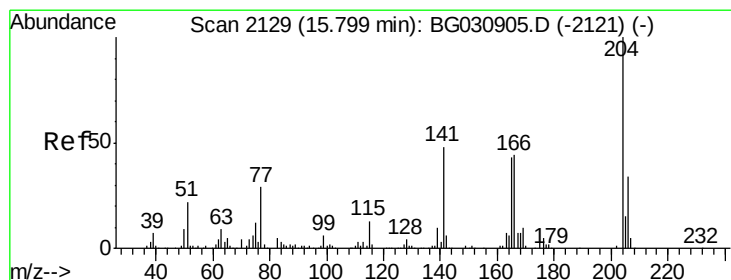
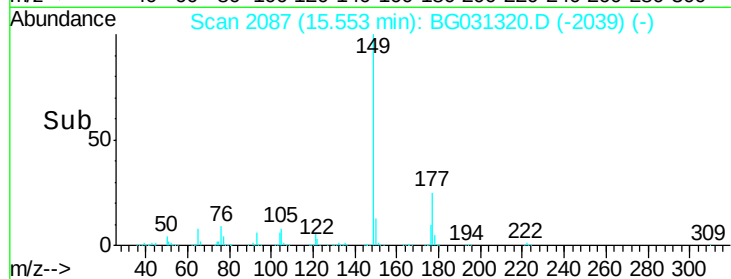
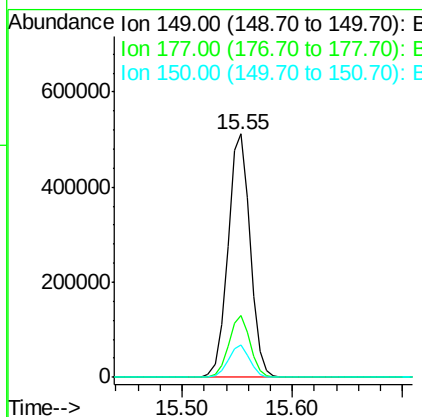
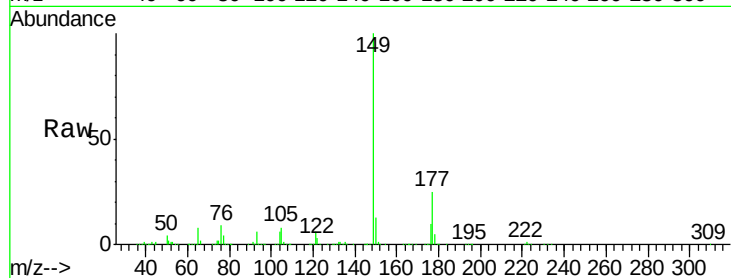
#59
Diethylphthalate
Concen: 40.49 ng
RT: 15.55 min Scan# 2087
Delta R.T. -0.02 min
Lab File: BG031320.D
Acq: 1 Dec 2017 16:32

Instrument :
BNA_G
ClientSampleId :
SU-03-112917MS

Tot Ion	Ratio	Lower	Upper
149	100		
177	25.2	18.5	27.7
150	13.3	10.2	15.2

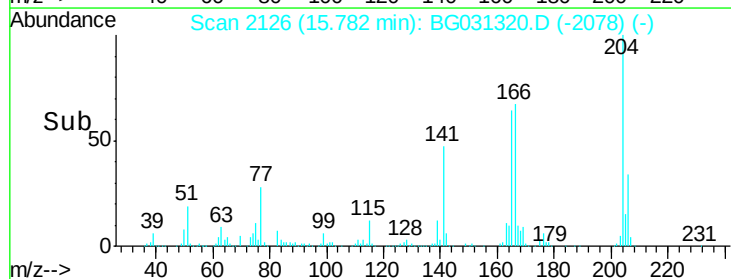
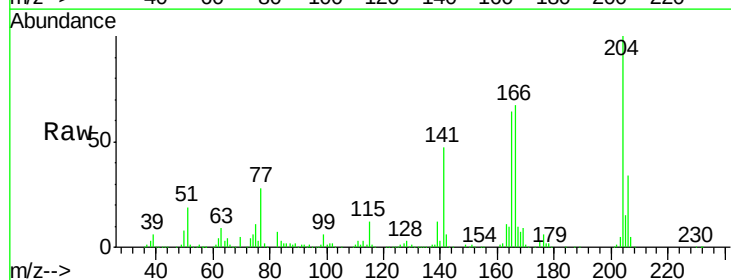
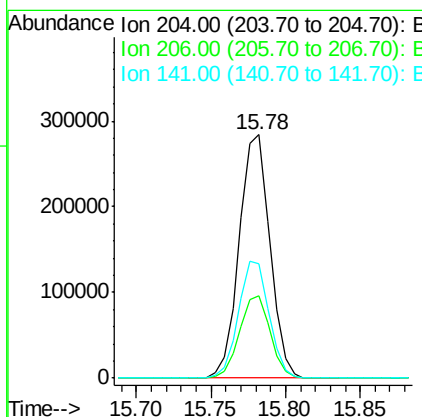
Manual Integrations
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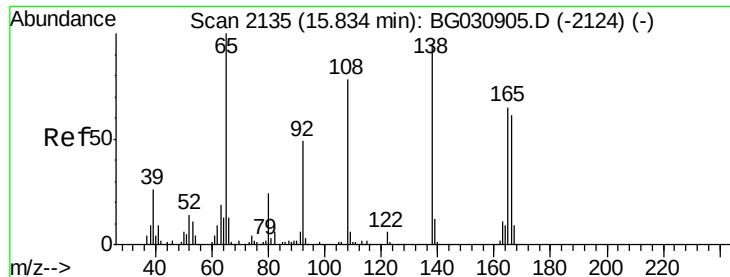
Sohil
12/4/2017 12:00:03 PM



#60
4-Chlorophenyl-phenylether
Concen: 42.08 ng
RT: 15.78 min Scan# 2126
Delta R.T. -0.02 min
Lab File: BG031320.D
Acq: 1 Dec 2017 16:32

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.0	26.2	39.2
141	46.9	45.8	68.6





#61

4-Nitroaniline

Concen: 38.50 ng

RT: 15.82 min Scan# 2133

Delta R.T. -0.01 min

Lab File: BG031320.D

Acq: 1 Dec 2017 16:32

Instrument :

BNA_G

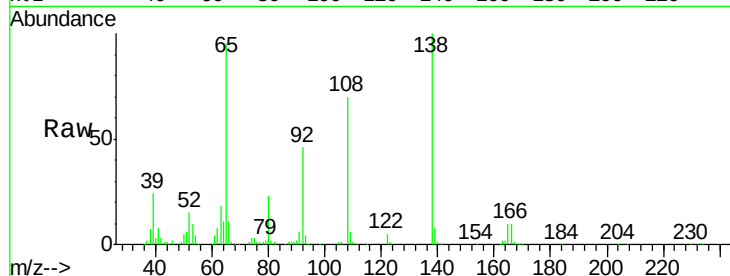
ClientSampleId :

SU-03-112917MS

Tot Ion:	138	Resp:	155425
Ion Ratio	Lower	Upper	
138	100		
92	46.2	40.1	80.1
108	70.5	65.4	105.4

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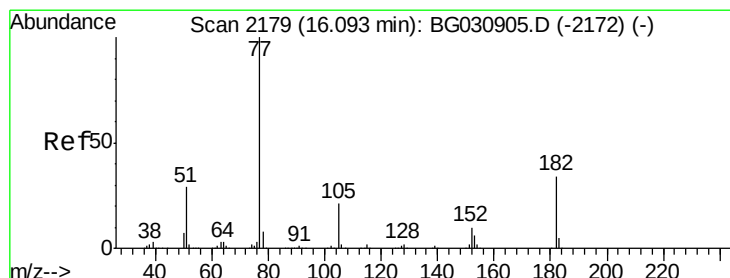
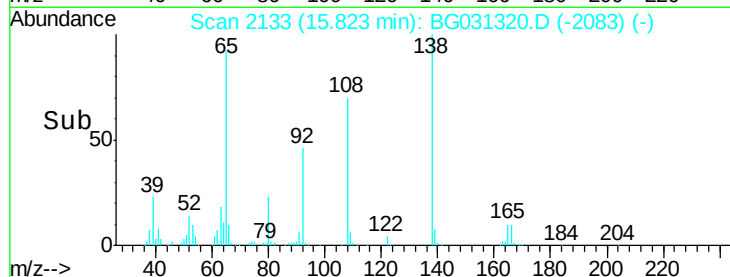
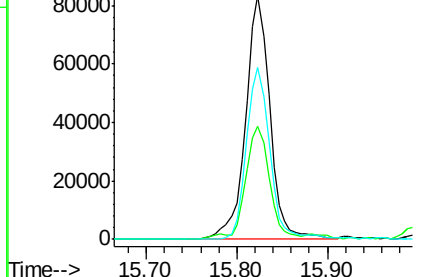
Sohil
12/4/2017 12:00:03 PM



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 41.72 ng

RT: 16.08 min Scan# 2176

Delta R.T. -0.02 min

Lab File: BG031320.D

Acq: 1 Dec 2017 16:32

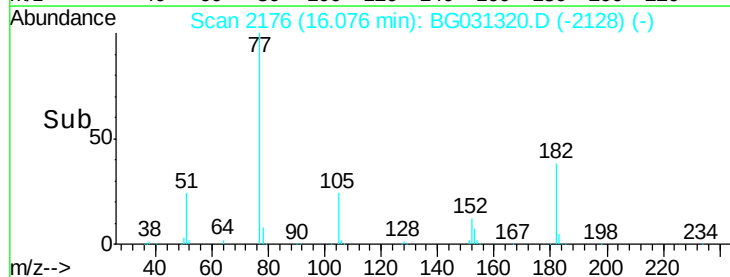
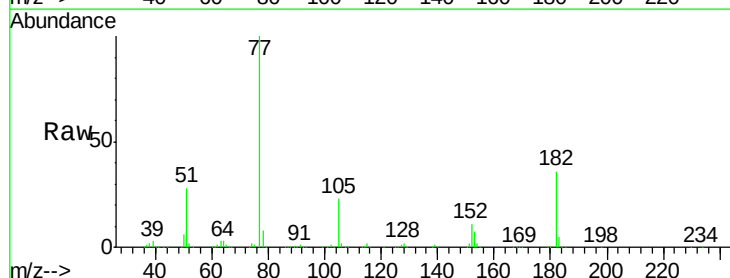
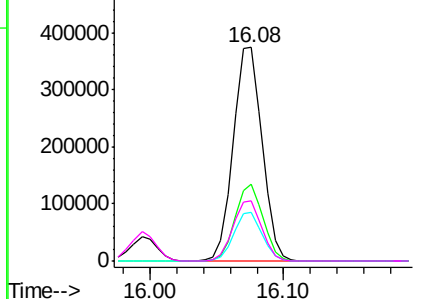
Tgt Ion:	77	Resp:	563017
Ion Ratio	Lower	Upper	
77	100		
182	36.1	7.4	47.4
105	22.9	0.3	40.3
51	28.0	11.6	51.6

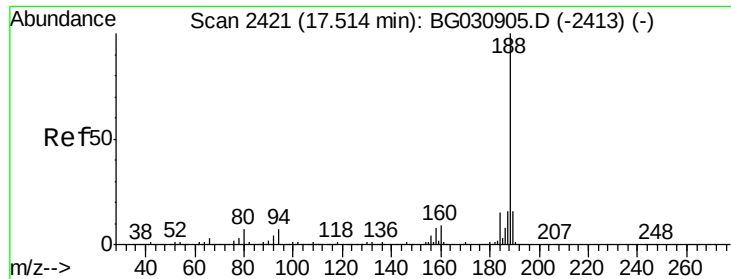
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.49 min Scan# 2417

Delta R.T. -0.02 min

Lab File: BG031320.D

Acq: 1 Dec 2017 16:32

Instrument :

BNA_G

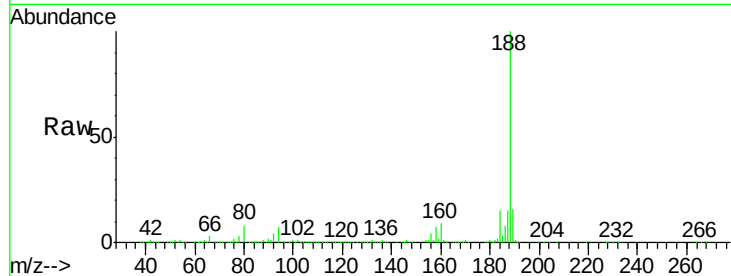
ClientSampleId :

SU-03-112917MS

Tot Ion:	188	Resp:	507703
Ion Ratio	Lower	Upper	
188	100		
94	7.4	6.9	10.3
80	8.0	7.7	11.5

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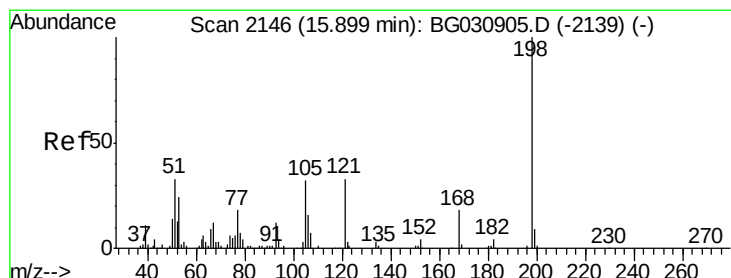
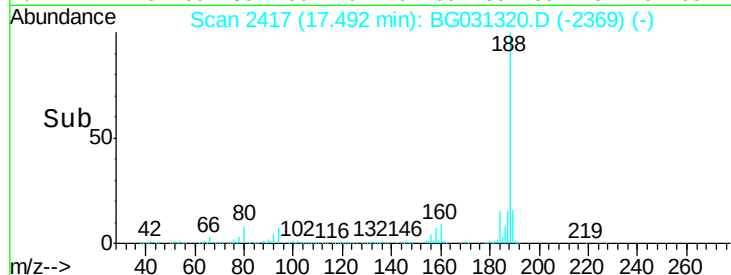
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

17.49

Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 37.25 ng

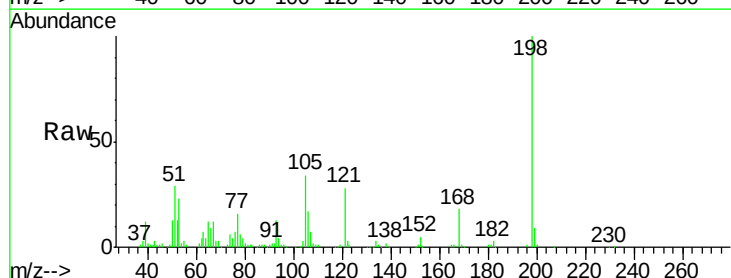
RT: 15.89 min Scan# 2144

Delta R.T. -0.00 min

Lab File: BG031320.D

Acq: 1 Dec 2017 16:32

Tgt Ion:	198	Resp:	125708
Ion Ratio	Lower	Upper	
198	100		
51	29.0	30.6	70.6#
105	34.3	23.8	63.8



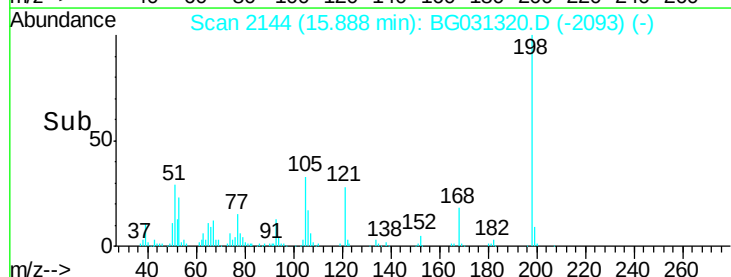
Abundance Ion 198.00 (197.70 to 198.70): E

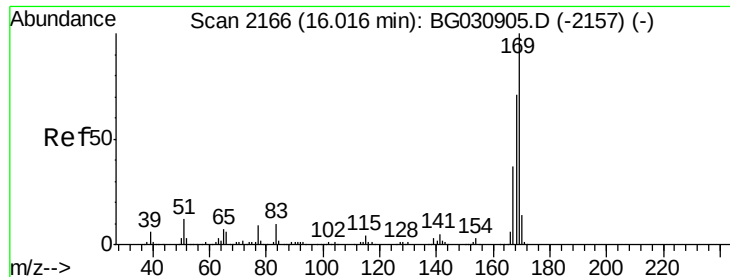
Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

15.89

Time-->





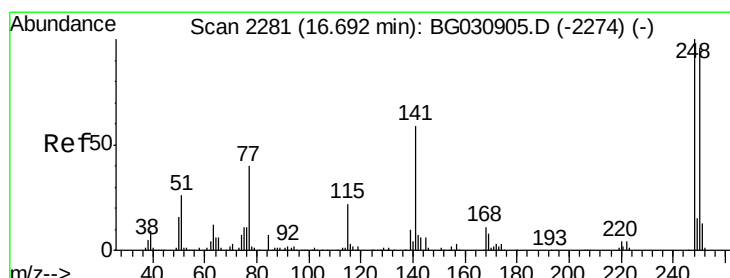
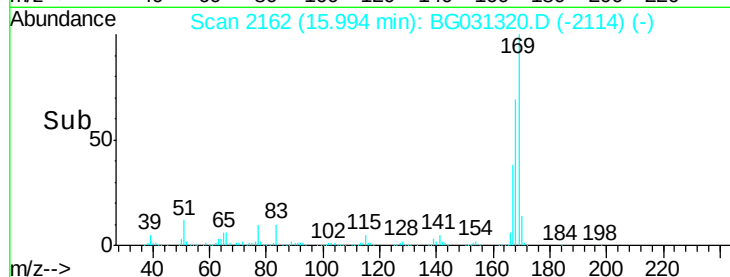
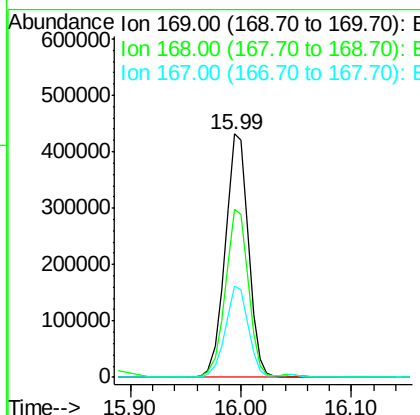
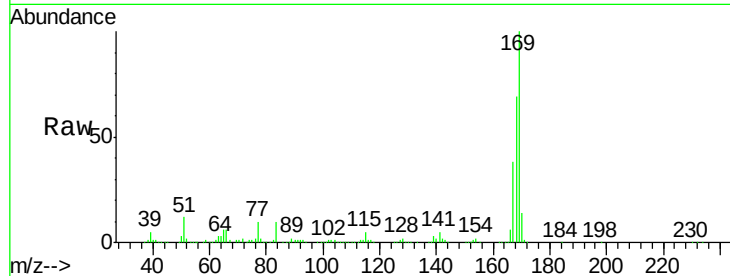
#65
n-Nitrosodiphenylamine
Concen: 41.34 ng
RT: 15.99 min Scan# 2162
Delta R.T. -0.02 min
Lab File: BG031320.D
Acq: 1 Dec 2017 16:32

Instrument :
BNA_G
ClientSampleId :
SU-03-112917MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
169	100		635968		
168	69.0	55.7		83.5	
167	37.6	30.1		45.1	

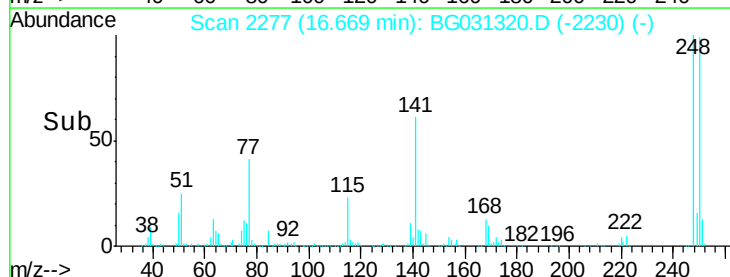
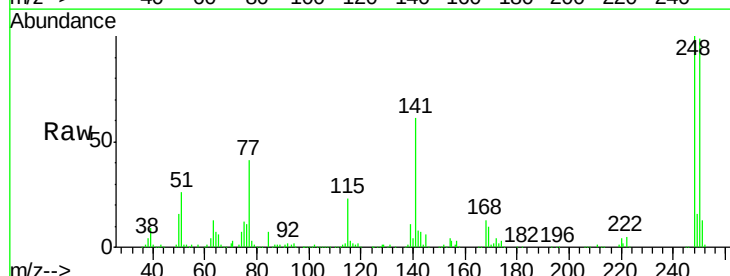
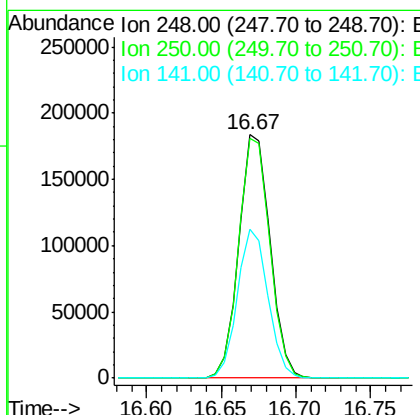
Manual Integrations
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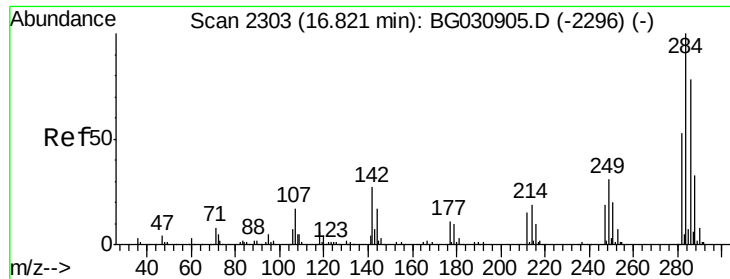
Sohil
12/4/2017 12:00:03 PM



#66
4-Bromophenyl-phenylether
Concen: 41.39 ng
RT: 16.67 min Scan# 2277
Delta R.T. -0.03 min
Lab File: BG031320.D
Acq: 1 Dec 2017 16:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
248	100		266125		
250	98.5	77.1		115.7	
141	60.9	50.8		76.2	





#67

Hexachlorobenzene

Concen: 39.71 ng

RT: 16.80 min Scan# 2300

Delta R.T. -0.01 min

Lab File: BG031320.D

Acq: 1 Dec 2017 16:32

Instrument :

BNA_G

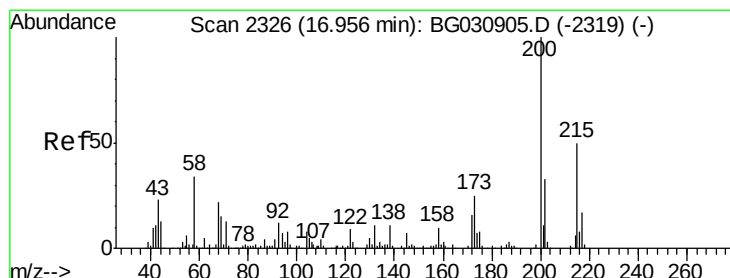
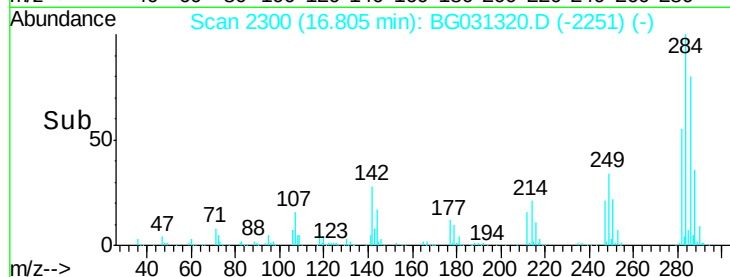
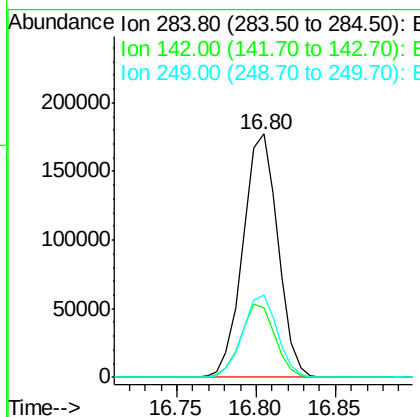
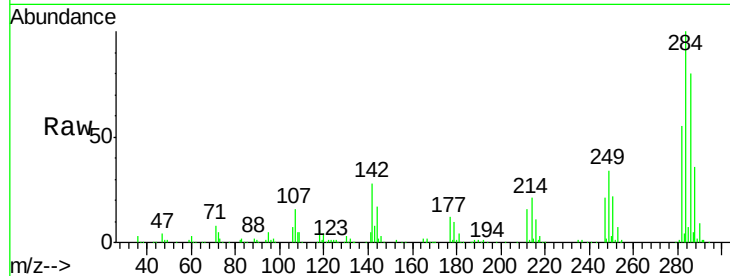
ClientSampleId :

SU-03-112917MS

Tot Ion:	284	Resp:	271314
Ion Ratio	Lower	Upper	
284	100		
142	28.4	26.8	40.2
249	33.8	26.3	39.5

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#68

Atrazine

Concen: 42.07 ng

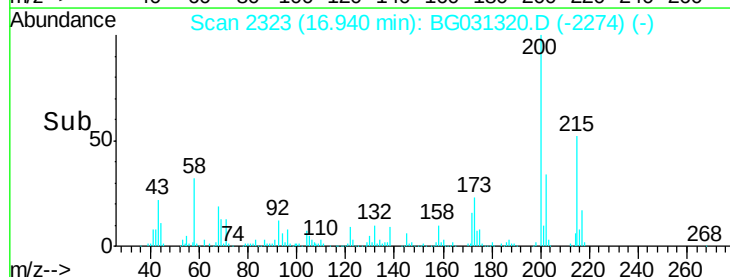
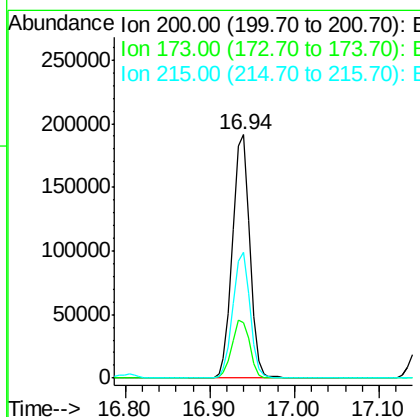
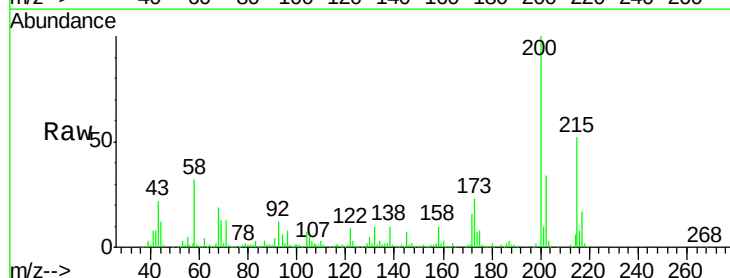
RT: 16.94 min Scan# 2323

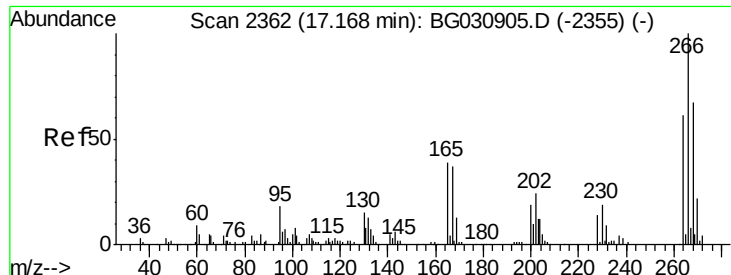
Delta R.T. -0.01 min

Lab File: BG031320.D

Acq: 1 Dec 2017 16:32

Tgt Ion:	200	Resp:	267050
Ion Ratio	Lower	Upper	
200	100		
173	23.0	5.2	45.2
215	51.8	30.4	70.4





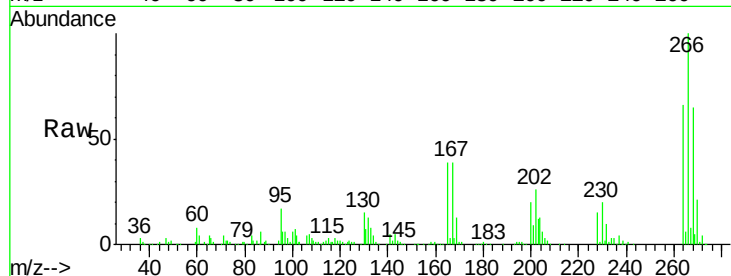
#69
 Pentachlorophenol
 Concen: 70.65 ng
 RT: 17.15 min Scan# 2359
 Delta R.T. -0.01 min
 Lab File: BG031320.D
 Acq: 1 Dec 2017 16:32

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-112917MS

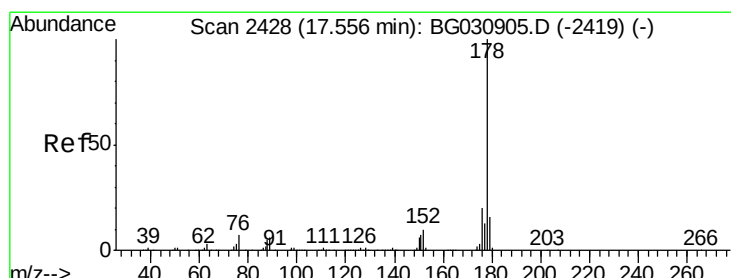
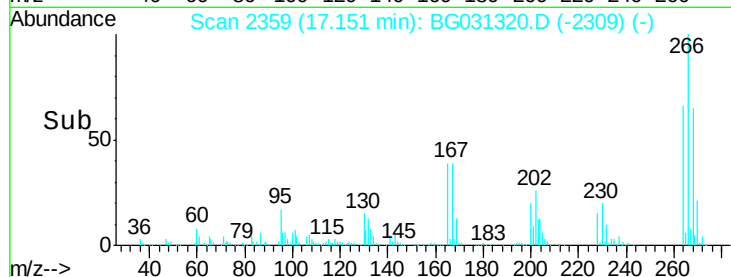
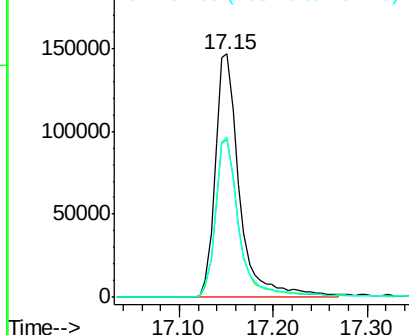
Tot Ion	Ratio	Lower	Upper
266	100		
268	65.0	51.1	76.7
264	66.1	49.6	74.4

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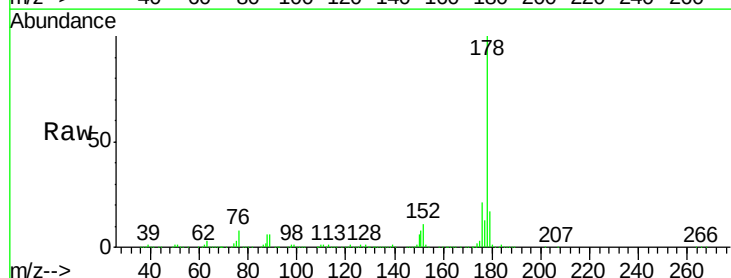


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

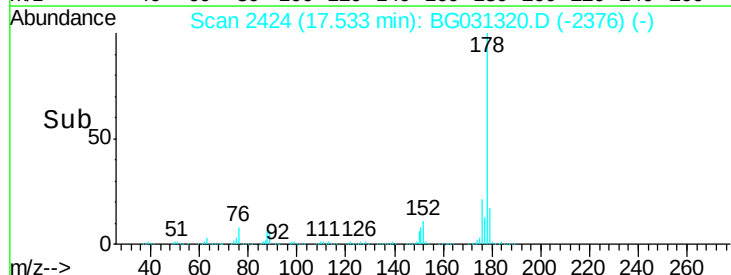
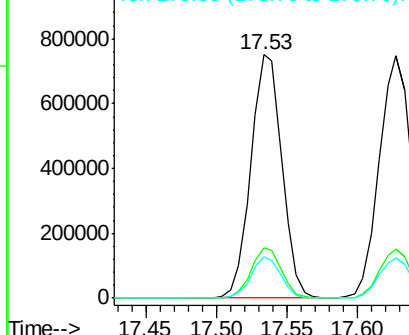


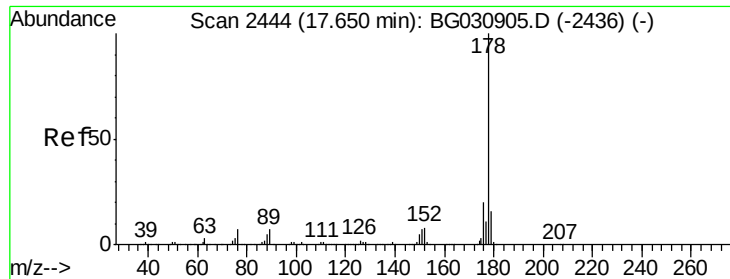
#70
 Phenanthrene
 Concen: 44.00 ng
 RT: 17.53 min Scan# 2424
 Delta R.T. -0.02 min
 Lab File: BG031320.D
 Acq: 1 Dec 2017 16:32

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.8	15.7	23.5
179	16.8	12.5	18.7



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





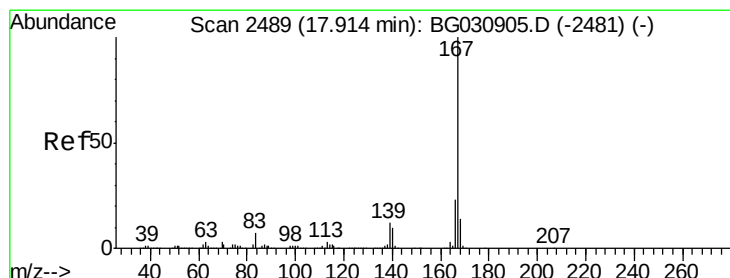
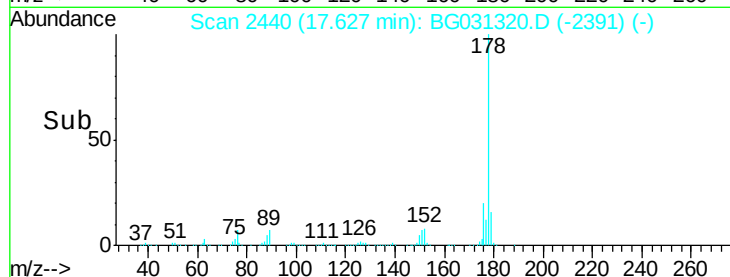
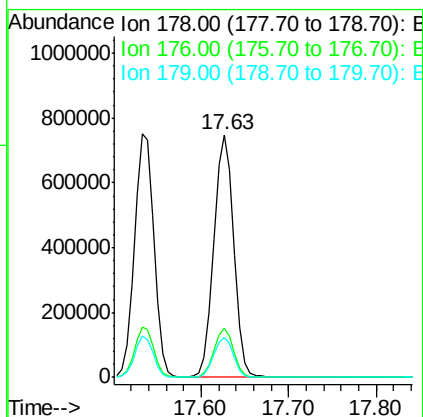
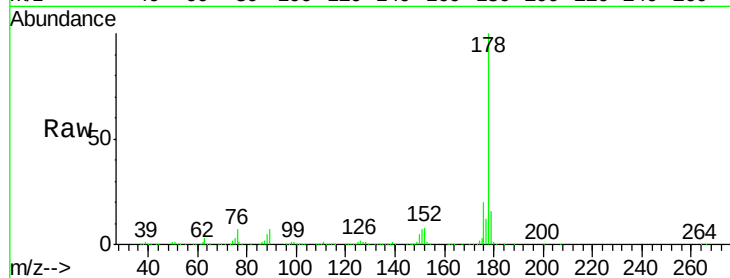
#71
 Anthracene
 Concen: 44.64 ng
 RT: 17.63 min Scan# 2440
 Delta R.T. -0.01 min
 Lab File: BG031320.D
 Acq: 1 Dec 2017 16:32

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-112917MS

Tot Ion	Ion	Ratio	Lower	Upper
178	100			
176	20.4	16.0	24.0	
179	16.4	12.5	18.7	

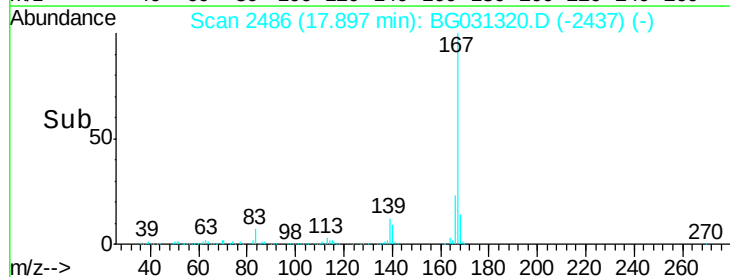
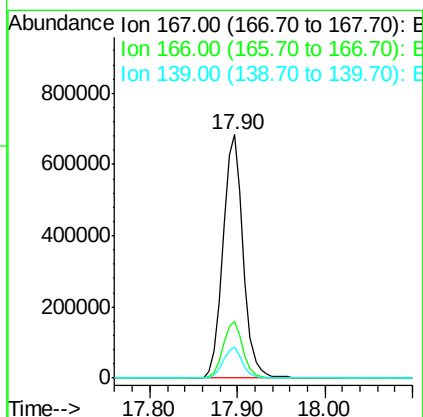
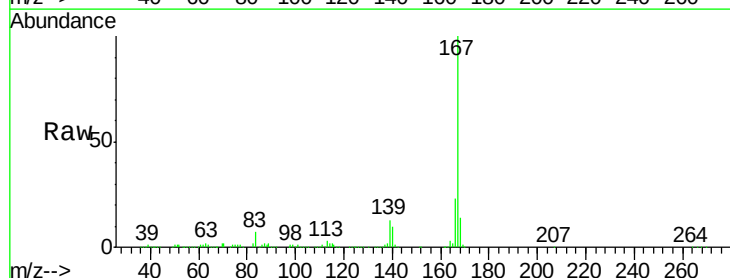
Manual Integrations
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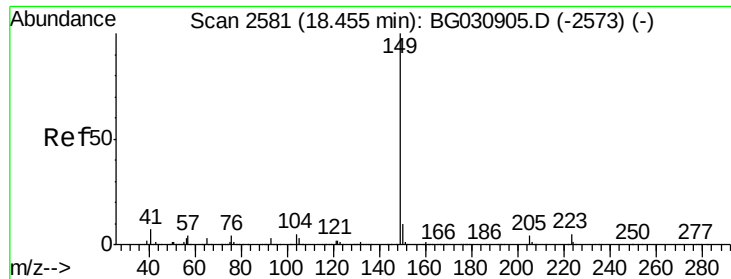
Sohil
 12/4/2017 12:00:03 PM



#72
 Carbazole
 Concen: 43.72 ng
 RT: 17.90 min Scan# 2486
 Delta R.T. -0.01 min
 Lab File: BG031320.D
 Acq: 1 Dec 2017 16:32

Tgt Ion	Ion	Ratio	Lower	Upper
167	100			
166	23.3	18.2	27.4	
139	12.6	9.4	14.2	





#73

Di-n-butylphthalate

Concen: 41.16 ng

RT: 18.43 min Scan# 2577

Delta R.T. -0.02 min

Lab File: BG031320.D

Acq: 1 Dec 2017 16:32

Instrument :

BNA_G

ClientSampleId :

SU-03-112917MS

Tot Ion:149 Resp: 1254134

Ion Ratio Lower Upper

149 100

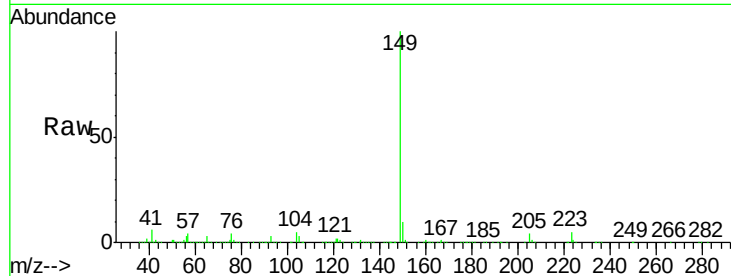
150 9.9 7.8 11.6

104 4.8 3.9 5.9

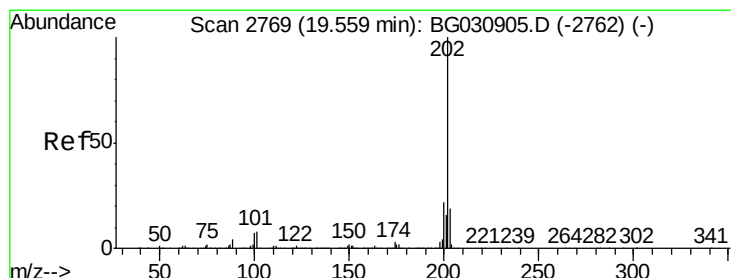
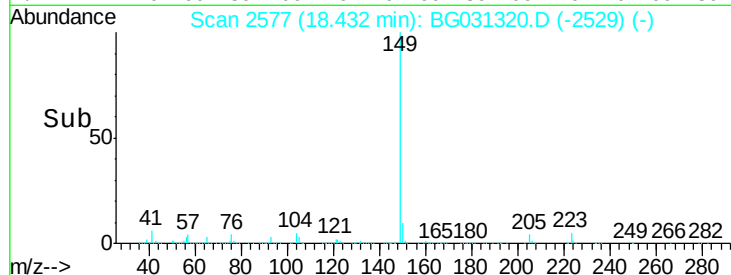
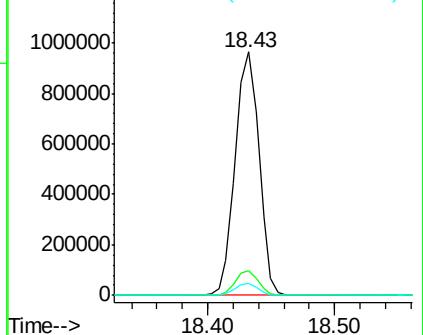
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 44.49 ng

RT: 19.54 min Scan# 2765

Delta R.T. -0.01 min

Lab File: BG031320.D

Acq: 1 Dec 2017 16:32

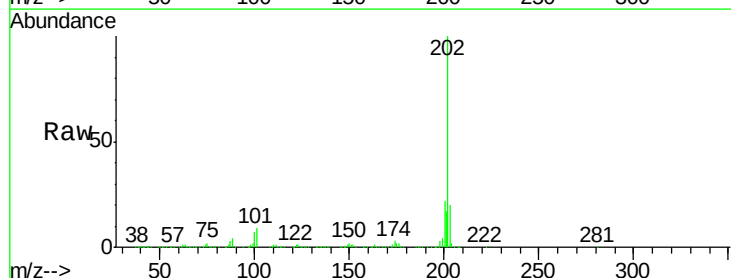
Tgt Ion:202 Resp: 1489113

Ion Ratio Lower Upper

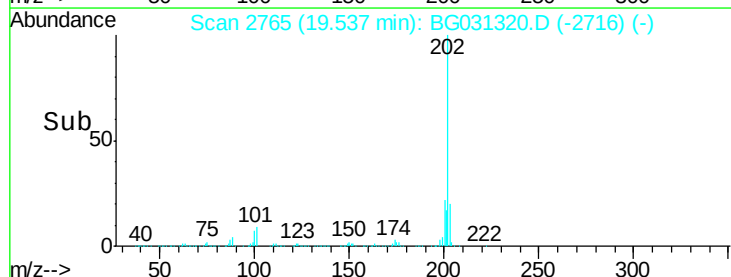
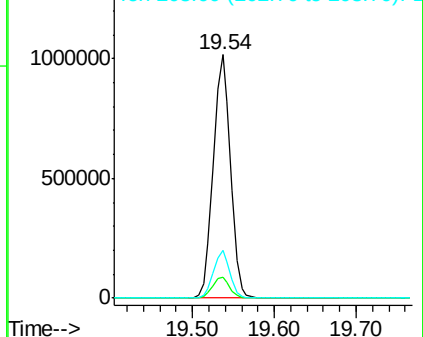
202 100

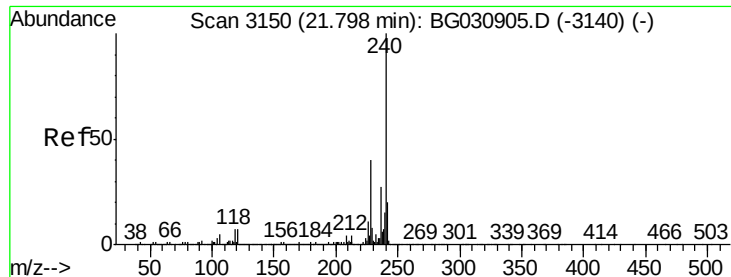
101 8.5 0.0 28.9

203 19.6 0.0 37.5



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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.76 min Scan# 3144

Delta R.T. -0.02 min

Lab File: BG031320.D

Acq: 1 Dec 2017 16:32

Instrument :

BNA_G

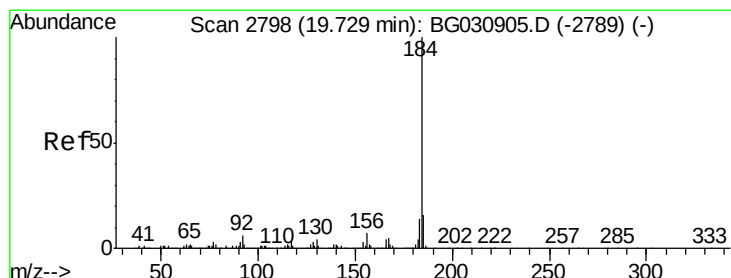
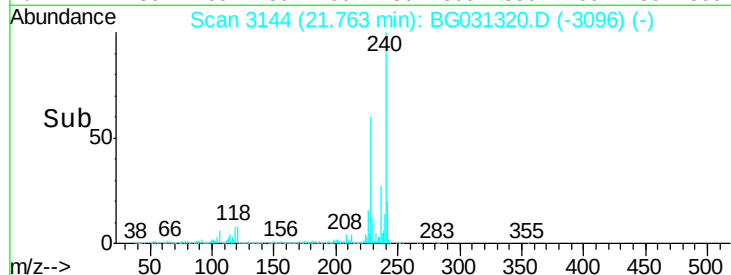
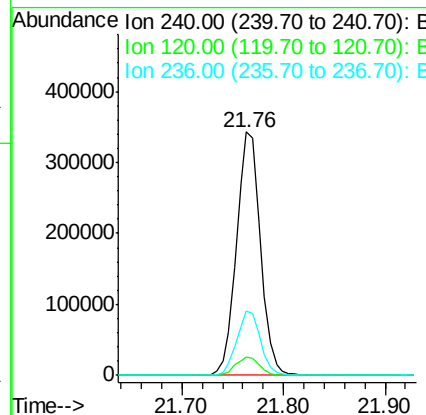
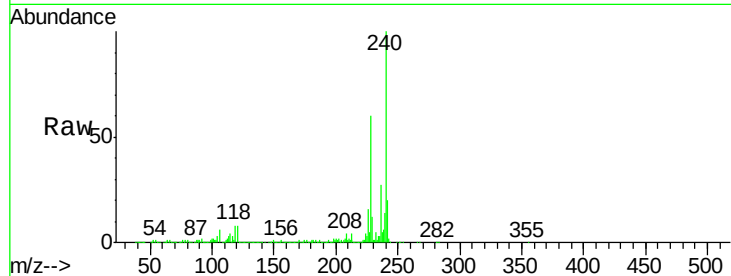
ClientSampleId :

SU-03-112917MS

Tot Ion:	240	Resp:	560831
Ion Ratio		Lower	Upper
240	100		
120	7.7	6.8	10.2
236	26.5	20.9	31.3

Manual Integrations
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12/4/2017 12:00:03 PM



#76

Benzidine

Concen: 4.10 ng

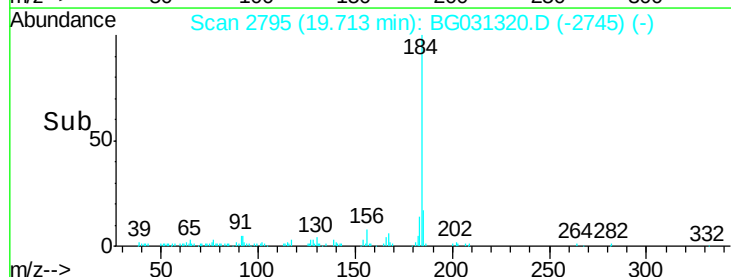
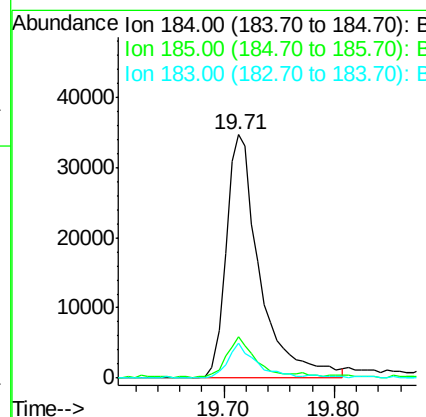
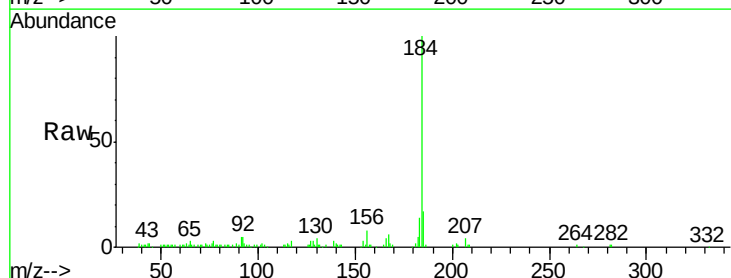
RT: 19.71 min Scan# 2795

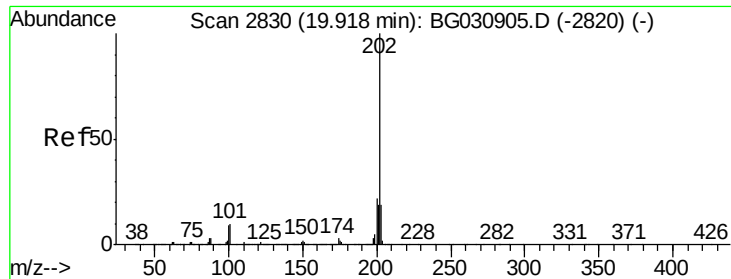
Delta R.T. -0.01 min

Lab File: BG031320.D

Acq: 1 Dec 2017 16:32

Tgt Ion:	184	Resp:	73911
Ion Ratio		Lower	Upper
184	100		
185	17.3	11.1	16.7#
183	14.3	10.6	16.0





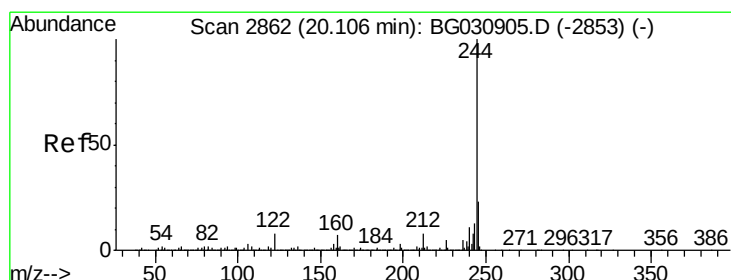
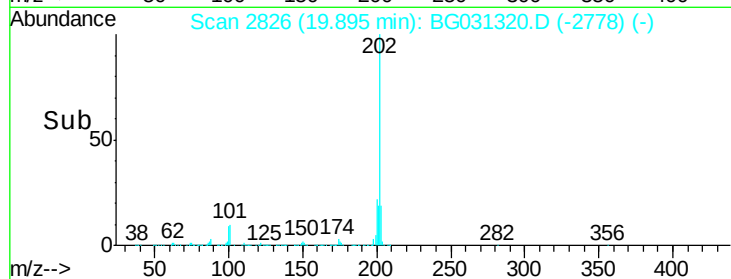
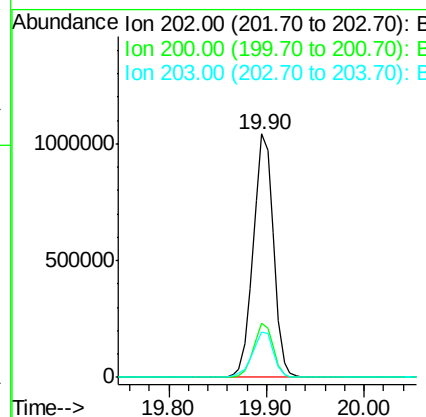
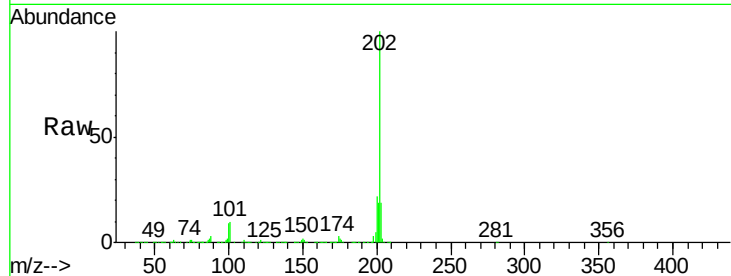
#77
Pvrene
Concen: 45.72 ng
RT: 19.90 min Scan# 2826
Delta R.T. -0.02 min
Lab File: BG031320.D
Acq: 1 Dec 2017 16:32

Instrument :
BNA_G
ClientSampleId :
SU-03-112917MS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.2	16.9	25.3
203	18.8	13.9	20.9

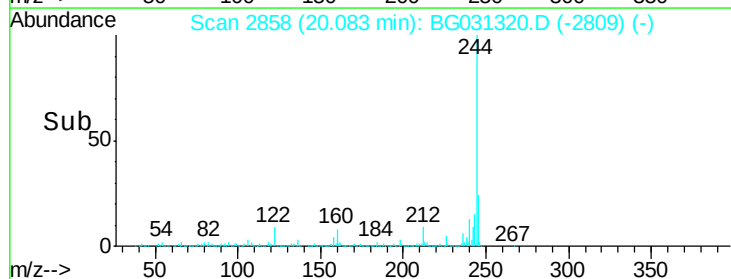
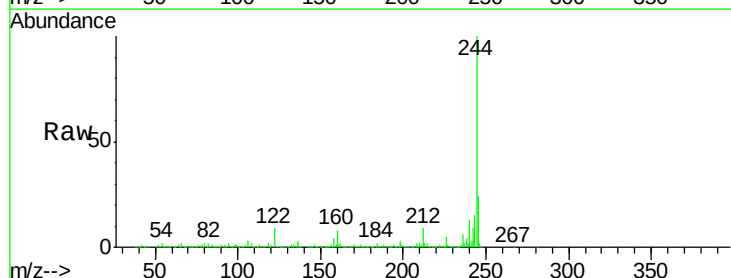
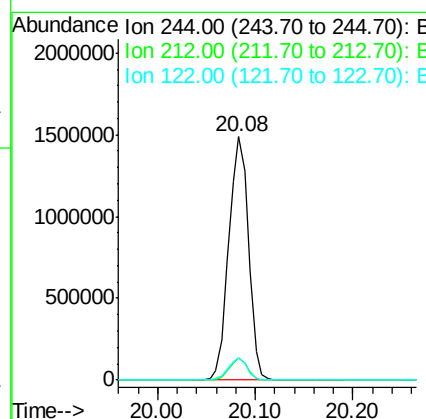
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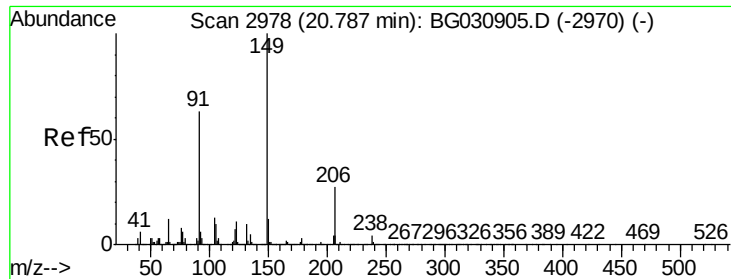
Sohil
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#78
Terphenyl-d14
Concen: 82.43 ng
RT: 20.08 min Scan# 2858
Delta R.T. -0.01 min
Lab File: BG031320.D
Acq: 1 Dec 2017 16:32

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.9	5.8	8.8#
122	9.2	7.0	10.4





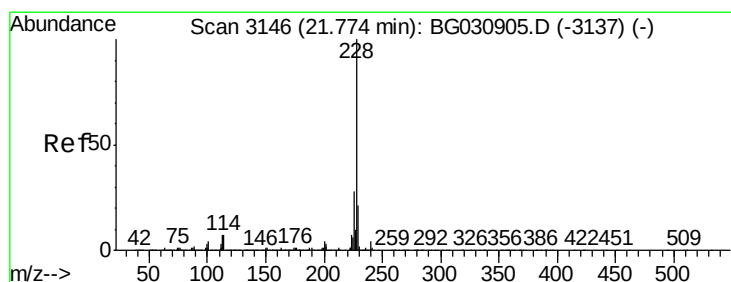
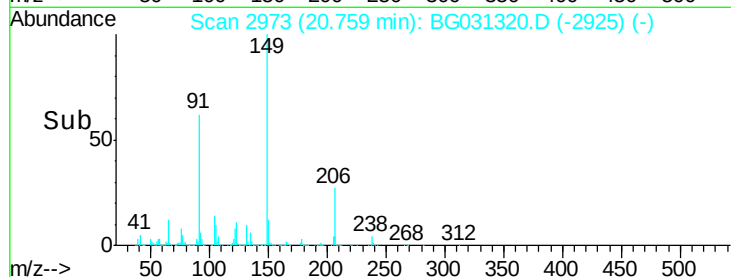
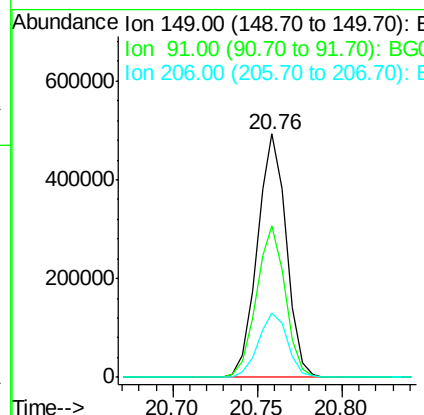
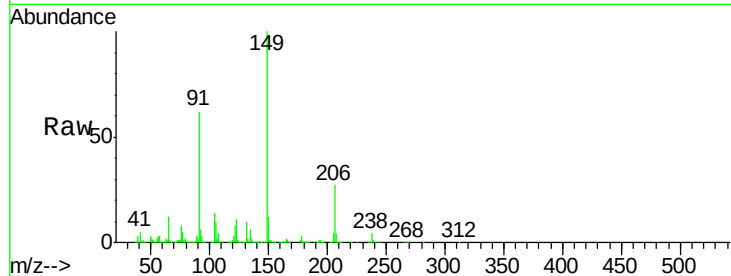
#79
Butylbenzylphthalate
Concen: 44.20 ng
RT: 20.76 min Scan# 2973
Delta R.T. -0.02 min
Lab File: BG031320.D
Acq: 1 Dec 2017 16:32

Instrument :
BNA_G
ClientSampleId :
SU-03-112917MS

Tot Ion	Ratio	Lower	Upper
149	100		
91	62.2	62.2	93.2
206	26.6	18.6	27.8

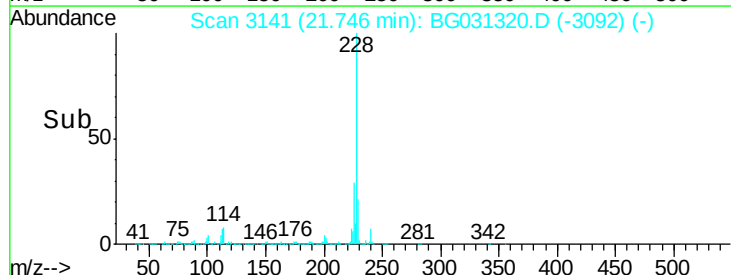
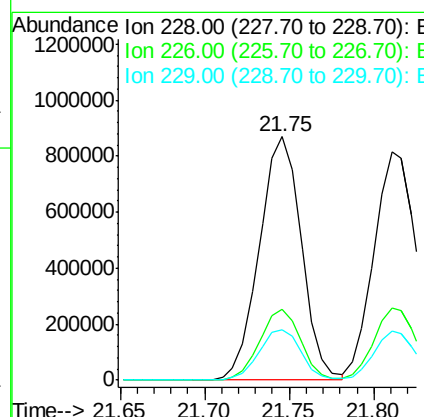
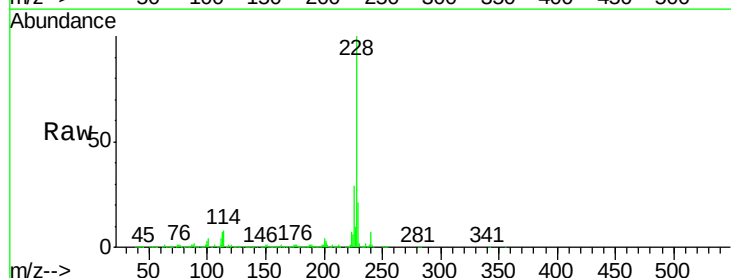
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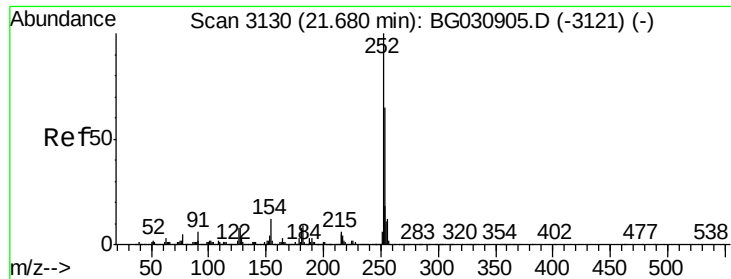
Sohil
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#80
Benzo(a)anthracene
Concen: 43.15 ng
RT: 21.75 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BG031320.D
Acq: 1 Dec 2017 16:32

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.7	34.1
229	20.7	16.2	24.2





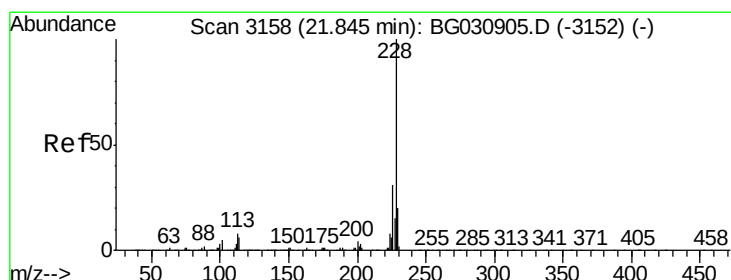
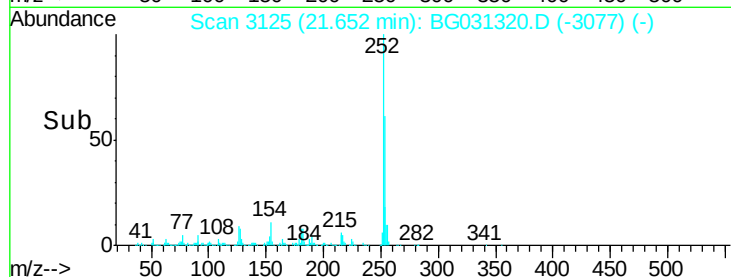
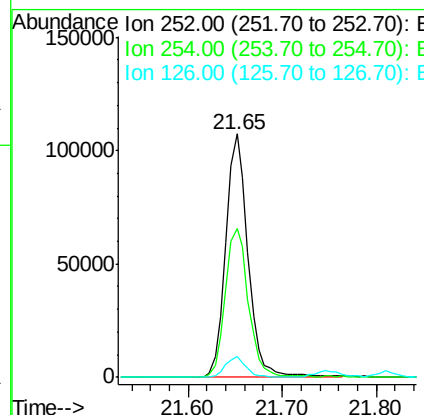
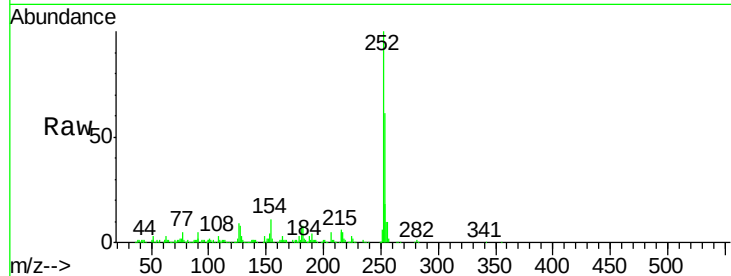
#81
 3,3'-Dichlorobenzidine
 Concen: 12.64 ng
 RT: 21.65 min Scan# 3125
 Delta R.T. -0.02 min
 Lab File: BG031320.D
 Acq: 1 Dec 2017 16:32

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-112917MS

Tot Ion:	252	Resp:	177787
Ion Ratio		Lower	Upper
252	100		
254	61.2	50.8	76.2
126	8.6	7.4	11.2

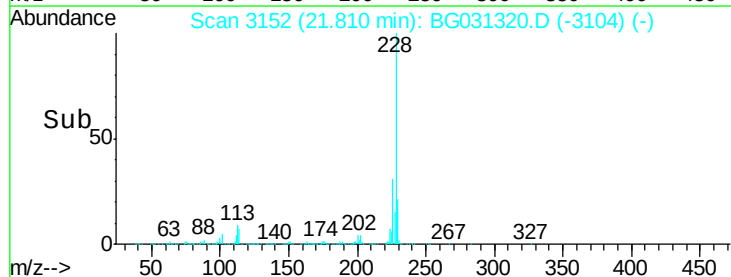
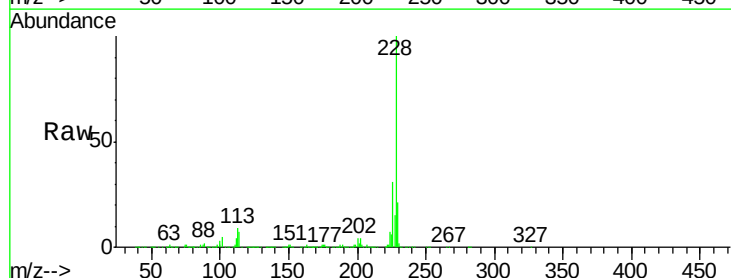
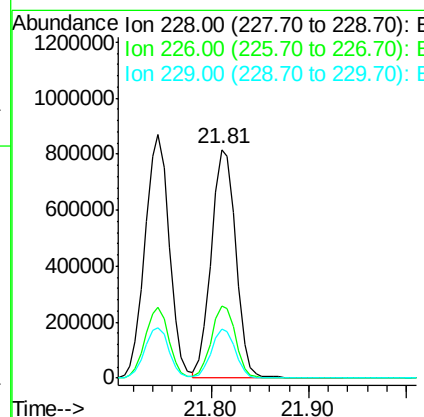
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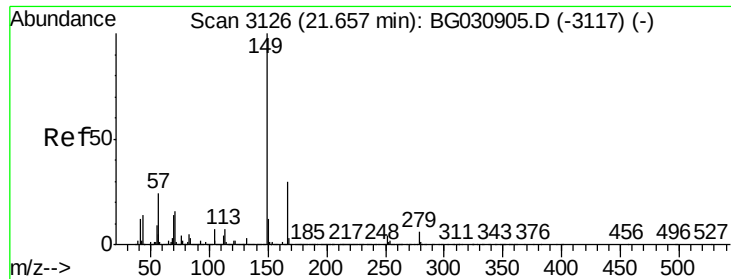
Sohil
 12/4/2017 12:00:03 PM



#82
 Chrysene
 Concen: 44.13 ng
 RT: 21.81 min Scan# 3152
 Delta R.T. -0.02 min
 Lab File: BG031320.D
 Acq: 1 Dec 2017 16:32

Tgt Ion:	228	Resp:	1422239
Ion Ratio		Lower	Upper
228	100		
226	31.3	24.9	37.3
229	21.5	15.0	22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.63 ng

RT: 21.62 min Scan# 3120

Delta R.T. -0.03 min

Lab File: BG031320.D

Acq: 1 Dec 2017 16:32

Instrument :

BNA_G

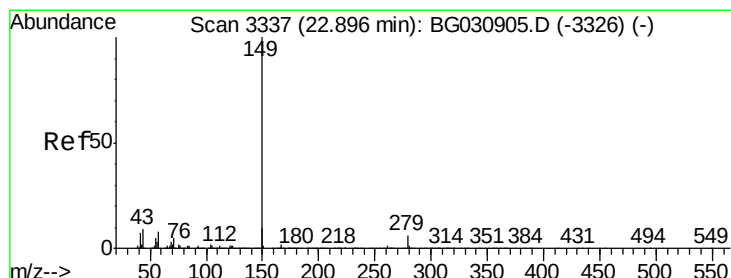
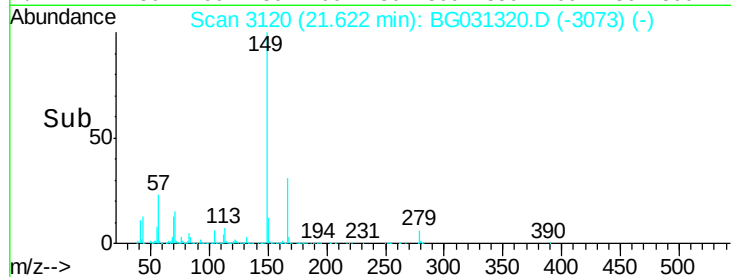
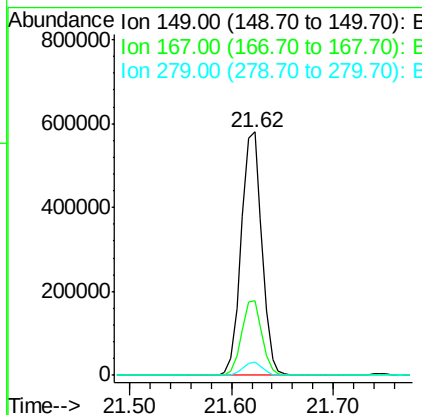
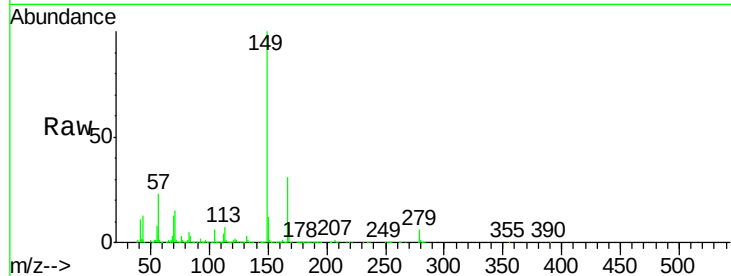
ClientSampleId :

SU-03-112917MS

Tot Ion:	149	Resp:	816453
Ion Ratio	Lower	Upper	
149	100		
167	30.6	24.3	36.5
279	5.5	4.0	6.0

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#84

Di-n-octyl phthalate

Concen: 44.48 ng

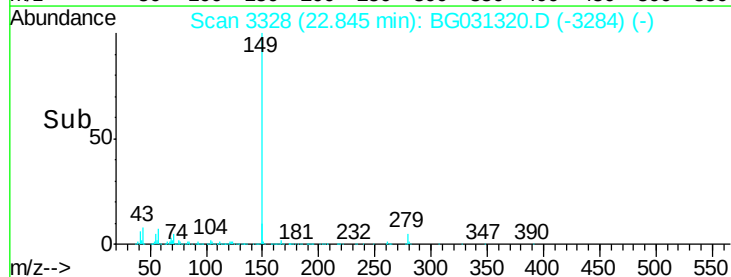
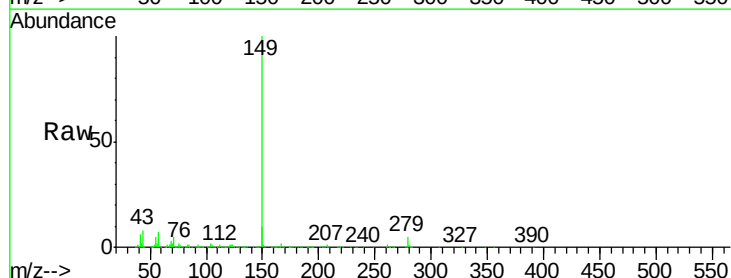
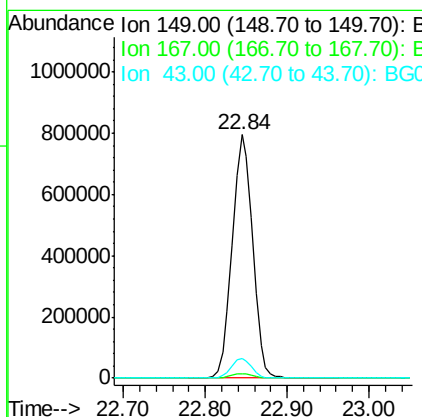
RT: 22.84 min Scan# 3328

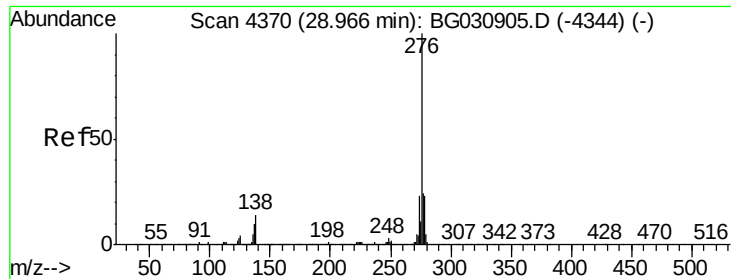
Delta R.T. -0.04 min

Lab File: BG031320.D

Acq: 1 Dec 2017 16:32

Tgt Ion:	149	Resp:	1386762
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.4	2.0
43	8.1	8.9	13.3#





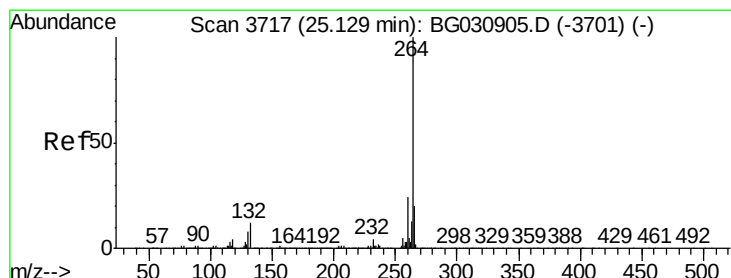
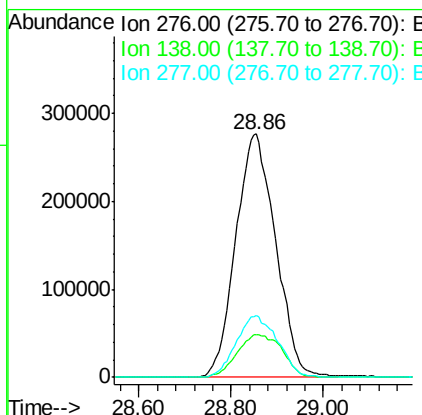
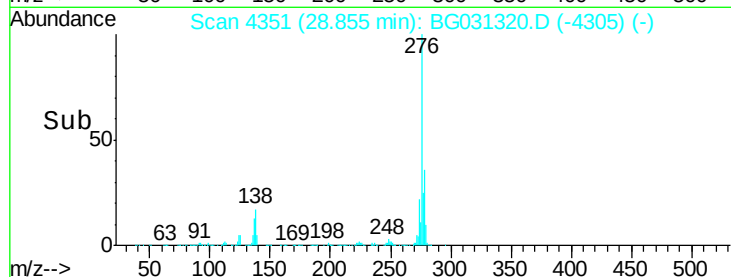
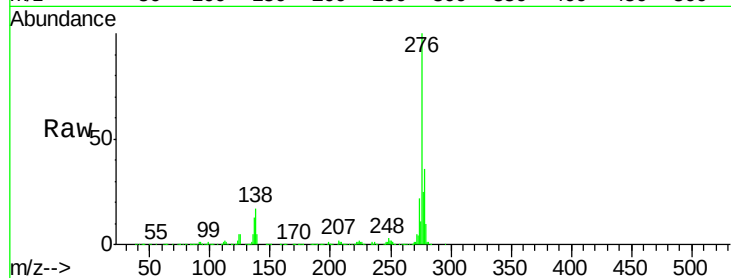
#85
Indeno(1,2,3-cd)pyrene
Concen: 42.36 ng
RT: 28.86 min Scan# 4351
Delta R.T. -0.03 min
Lab File: BG031320.D
Acq: 1 Dec 2017 16:32

Instrument :
BNA_G
ClientSampleId :
SU-03-112917MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.9	16.0	24.0
277	26.4	20.0	30.0

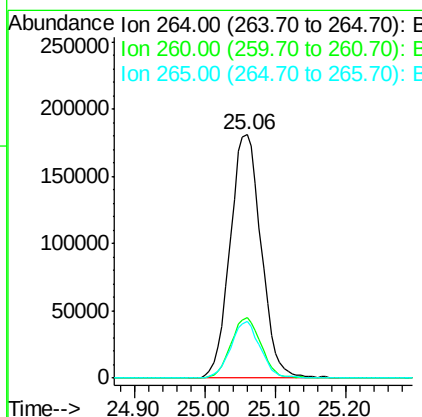
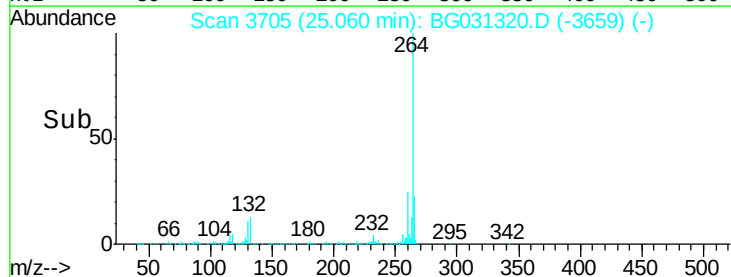
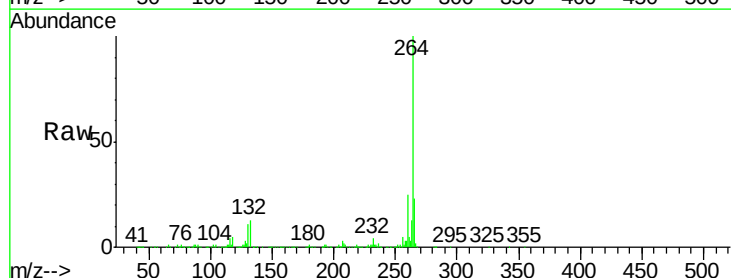
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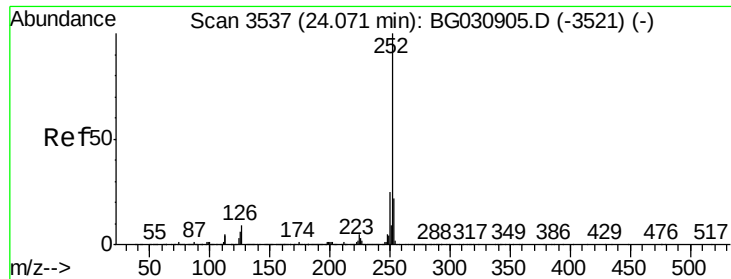
Sohil
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#86
Perylene-d12
Concen: 20.00 ng
RT: 25.06 min Scan# 3705
Delta R.T. -0.03 min
Lab File: BG031320.D
Acq: 1 Dec 2017 16:32

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	17.4	26.0
265	23.2	17.7	26.5





#87

Benzo(b)fluoranthene

Concen: 44.28 ng

RT: 24.01 min Scan# 3527

Delta R.T. -0.03 min

Lab File: BG031320.D

Acq: 1 Dec 2017 16:32

Instrument :

BNA_G

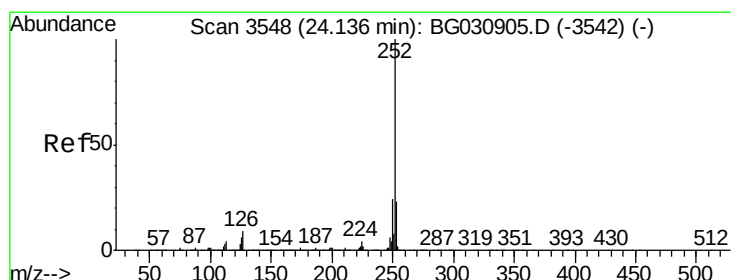
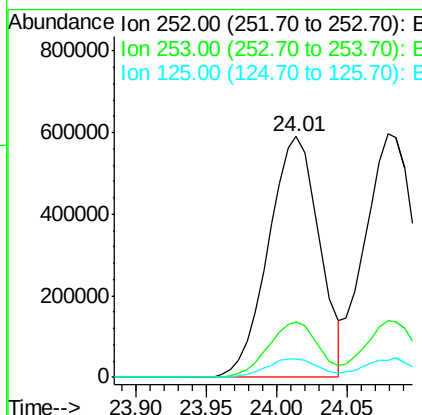
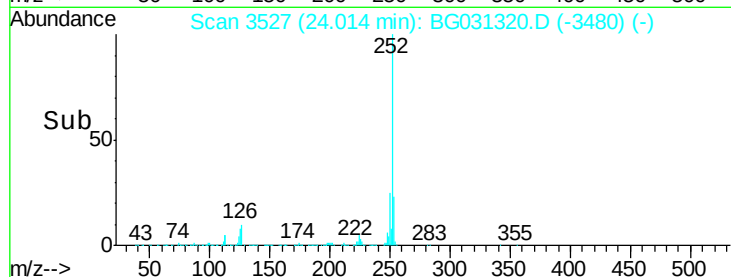
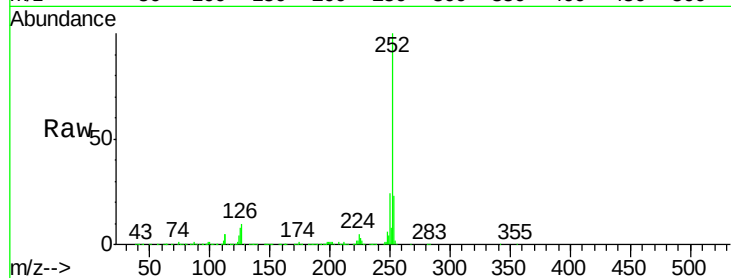
ClientSampleId :

SU-03-112917MS

Tot Ion:	252	Resp:	1483461
Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.2	27.4
125	7.7	7.2	10.8

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#88

Benzo(k)fluoranthene

Concen: 44.62 ng

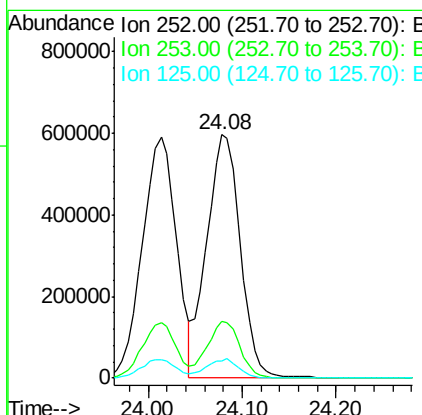
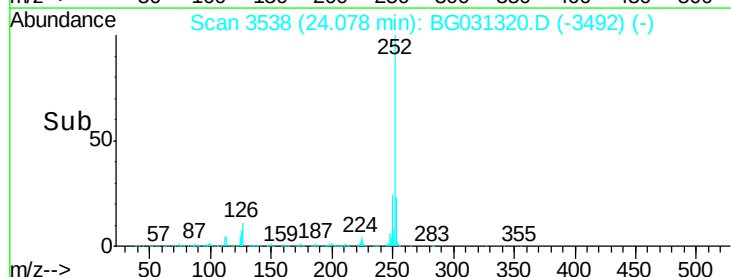
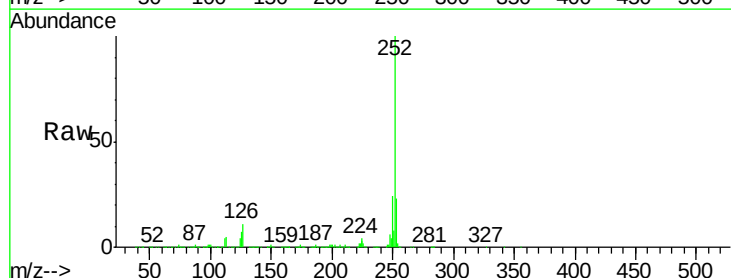
RT: 24.08 min Scan# 3538

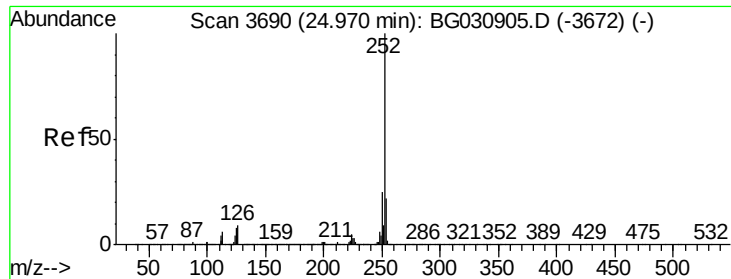
Delta R.T. -0.03 min

Lab File: BG031320.D

Acq: 1 Dec 2017 16:32

Tgt Ion:	252	Resp:	1481500
Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.4	26.2
125	7.2	6.6	9.8





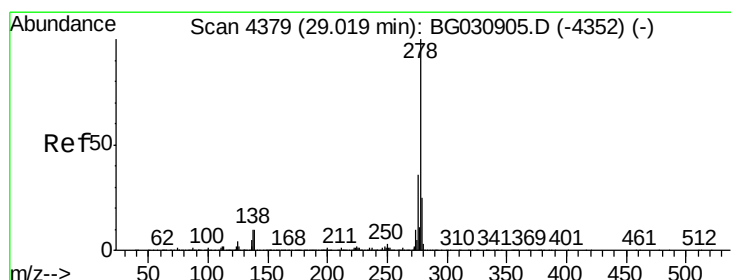
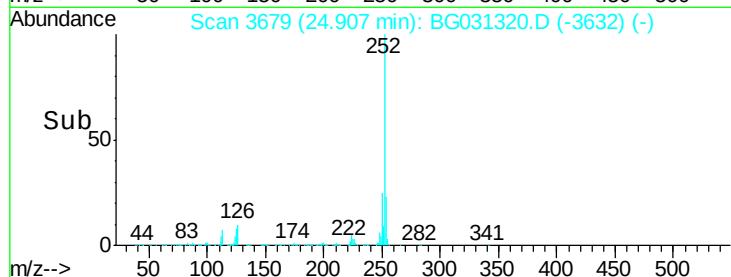
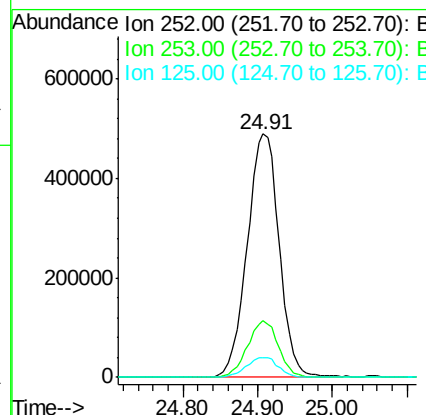
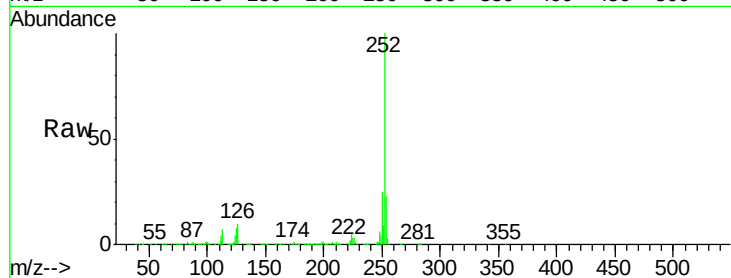
#89
Benzo(a)pyrene
Concen: 45.65 ng
RT: 24.91 min Scan# 3679
Delta R.T. -0.03 min
Lab File: BG031320.D
Acq: 1 Dec 2017 16:32

Instrument :
BNA_G
ClientSampleId :
SU-03-112917MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.3	27.5
125	7.8	7.3	10.9

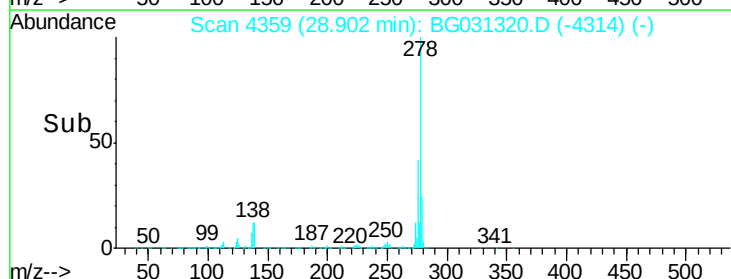
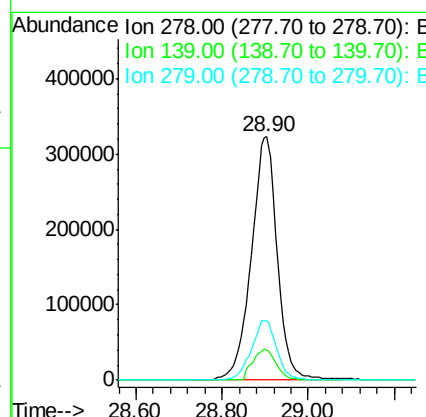
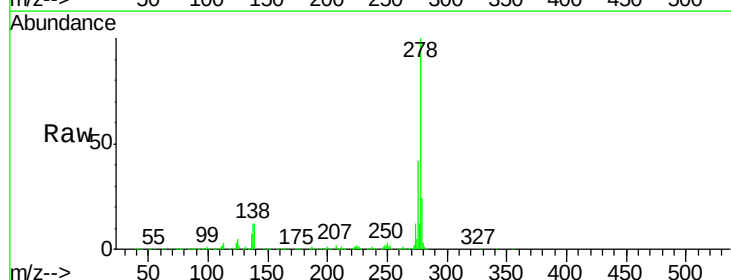
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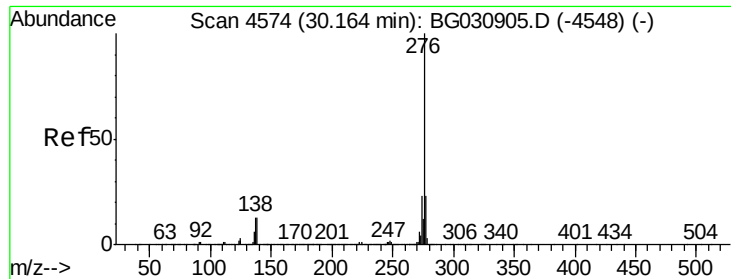
Sohil
12/4/2017 12:00:03 PM



#90
Dibenzo(a,h)anthracene
Concen: 42.63 ng
RT: 28.90 min Scan# 4359
Delta R.T. -0.04 min
Lab File: BG031320.D
Acq: 1 Dec 2017 16:32

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.4	9.8	14.6
279	24.4	18.4	27.6





#91
 Benzo(a,h,i)perylene
 Concen: 44.04 ng
 RT: 30.03 min Scan# 4551
 Delta R.T. -0.04 min
 Lab File: BG031320.D
 Acq: 1 Dec 2017 16:32

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-112917MS

Tot Ion:	276	Resp:	1390325
Ion Ratio	Lower	Upper	
276	100		
277	24.6	18.3	27.5
138	16.9	13.9	20.9

Manual Integrations
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 12/4/2017 12:00:03 PM

