

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120117\
 Data File : BG031321.D
 Acq On : 1 Dec 2017 17:09
 Operator : SJ/JU
 Sample : I6289-10MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-112917MSD

Manual Integrations
 APPROVED

Sohil
 12/4/2017 12:00:07 PM

Quant Time: Dec 02 03:32:32 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	74372	20.00	ng	-0.02
21) Naphthalene-d8	10.94	136	314157	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	201539	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	518660	20.00	ng	-0.02
75) Chrysene-d12	21.77	240	570997	20.00	ng	-0.02
86) Perylene-d12	25.06	264	572359	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.69	112	535106	123.38	ng	-0.02
7) Phenol-d6	7.30	99	625684	107.08	ng	0.00
23) Nitrobenzene-d5	9.30	82	434726	82.00	ng	-0.02
41) 2,4,6-Tribromophenol	16.24	330	354971	108.88	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	1187239	84.65	ng	-0.02
78) Terphenyl-d14	20.09	244	2134909	82.56	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.55	88	60880	34.59	ng	85
3) Pyridine	3.96	79	149492	29.26	ng	86
4) n-Nitrosodimethylamine	3.86	42	82642	34.13	ng	# 91
6) Aniline	7.45	93	80933	10.52	ng	92
8) 2-Chlorophenol	7.70	128	204818	42.79	ng	85
9) Benzaldehyde	7.27	77	73055	17.87	ng	81
10) Phenol	7.32	94	223436	36.82	ng	93
11) bis(2-Chloroethyl)ether	7.54	93	192169	39.66	ng	89
12) 1,3-Dichlorobenzene	8.02	146	224956	40.06	ng	94
13) 1,4-Dichlorobenzene	8.16	146	226622	39.82	ng	95
14) 1,2-Dichlorobenzene	8.49	146	218424	39.99	ng	97
15) Benzyl Alcohol	8.37	79	174323	37.19	ng	89
16) 2,2'-oxybis(1-Chloropropan	8.65	45	276802	51.72	ng	92
17) 2-Methylphenol	8.58	107	169391	40.09	ng	98
18) Hexachloroethane	9.22	117	78577	39.67	ng	92
19) n-Nitroso-di-n-propylamine	8.93	70	150631	33.90	ng	# 92
20) 3+4-Methylphenols	8.91	107	231056	38.45	ng	94
22) Acetophenone	8.96	105	296208	37.87	ng	# 91
24) Nitrobenzene	9.34	77	223857	41.34	ng	93
25) Isophorone	9.86	82	425841	41.19	ng	# 90
26) 2-Nitrophenol	10.06	139	124375	44.06	ng	# 86
27) 2,4-Dimethylphenol	10.11	122	198446	47.35	ng	92
28) bis(2-Chloroethoxy)methane	10.34	93	267288	41.04	ng	97
29) 2,4-Dichlorophenol	10.60	162	226390	44.99	ng	91
30) 1,2,4-Trichlorobenzene	10.81	180	256945	42.77	ng	95
31) Naphthalene	11.00	128	648886	42.02	ng	99
32) Benzoic acid	10.27	122	71267	23.67	ng	# 81
33) 4-Chloroaniline	11.13	127	13917	2.06	ng	# 91
34) Hexachlorobutadiene	11.27	225	164622	39.51	ng	96
35) Caprolactam	11.88	113	60976m	29.66	ng	
36) 4-Chloro-3-methylphenol	12.22	107	224935	41.07	ng	# 87
37) 2-Methylnaphthalene	12.59	142	501248	42.04	ng	93
39) 1,2,4,5-Tetrachlorobenzene	12.96	216	301109	37.64	ng	97
40) Hexachlorocyclopentadiene	12.93	237	268943	89.46	ng	92

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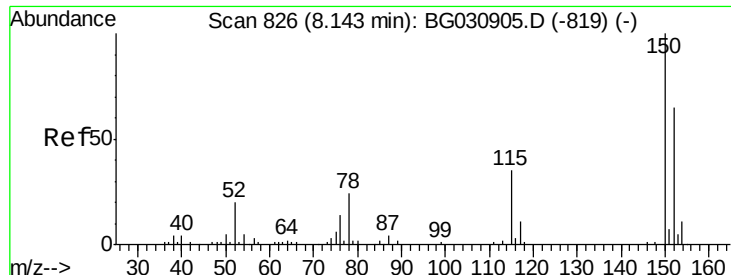
Manual Integrations
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Sohil
 12/4/2017 12:00:07 PM

Quant Time: Dec 02 03:32:32 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	13.19	196	203126	44.42	nq	100
43) 2,4,5-Trichlorophenol	13.28	196	216603	43.29	nq	# 93
45) 1,1'-Biphenyl	13.59	154	646697	38.70	nq	97
46) 2-Chloronaphthalene	13.63	162	533736	44.26	nq	96
47) 2-Nitroaniline	13.84	65	145191	40.62	nq	# 76
48) Acenaphthylene	14.47	152	809507	41.02	nq	98
49) Dimethylphthalate	14.20	163	717096	41.15	nq	98
50) 2,6-Dinitrotoluene	14.33	165	165016	45.94	nq	# 72
51) Acenaphthene	14.82	154	511353	41.49	nq	99
52) 3-Nitroaniline	14.66	138	41666	10.93	nq	# 79
53) 2,4-Dinitrophenol	14.87	184	182224	91.32	nq	# 46
54) Dibenzofuran	15.15	168	849730	43.28	nq	99
55) 4-Nitrophenol	14.99	139	211392	77.81	nq	# 76
56) 2,4-Dinitrotoluene	15.12	165	236651	45.58	nq	# 72
57) Fluorene	15.80	166	673580	42.26	nq	97
58) 2,3,4,6-Tetrachlorophenol	15.38	232	219497	46.03	nq	# 89
59) Diethylphthalate	15.55	149	712174	40.23	nq	98
60) 4-Chlorophenyl-phenylether	15.78	204	399950	41.55	nq	92
61) 4-Nitroaniline	15.83	138	156740	38.81	nq	84
62) Azobenzene	16.07	77	555008	41.11	nq	92
64) 4,6-Dinitro-2-methylphenol	15.88	198	131663	38.19	nq	# 74
65) n-Nitrosodiphenylamine	16.00	169	635303	40.42	nq	99
66) 4-Bromophenyl-phenylether	16.67	248	267839	40.77	nq	98
67) Hexachlorobenzene	16.80	284	274700	39.36	nq	96
68) Atrazine	16.94	200	260893	40.23	nq	99
69) Pentachlorophenol	17.15	266	284056	73.62	nq	97
70) Phenanthrene	17.54	178	1157780	42.87	nq	97
71) Anthracene	17.62	178	1170126	43.24	nq	99
72) Carbazole	17.89	167	1089305	42.96	nq	98
73) Di-n-butylphthalate	18.43	149	1248382	40.10	nq	99
74) Fluoranthene	19.53	202	1476363	43.18	nq	97
76) Benzidine	19.72	184	187301	10.21	nq	98
77) Pyrene	19.90	202	1506824	44.47	nq	96
79) Butylbenzylphthalate	20.76	149	593483	43.93	nq	# 83
80) Benzo(a)anthracene	21.75	228	1510940	42.60	nq	98
81) 3,3'-Dichlorobenzidine	21.65	252	307141	21.45	nq	# 97
82) Chrysene	21.81	228	1410768	43.00	nq	96
83) Bis(2-ethylhexyl)phthalate	21.62	149	828022	42.46	nq	100
84) Di-n-octyl phthalate	22.85	149	1390459	43.81	nq	# 93
85) Indeno(1,2,3-cd)pyrene	28.86	276	1676442	42.03	nq	98
87) Benzo(b)fluoranthene	24.02	252	1502609	43.40	nq	98
88) Benzo(k)fluoranthene	24.09	252	1486356	43.31	nq	97
89) Benzo(a)pyrene	24.91	252	1461625	44.44	nq	99
90) Dibenzo(a,h)anthracene	28.91	278	1389588	41.34	nq	97
91) Benzo(g,h,i)perylene	30.03	276	1394477	42.74	nq	98

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



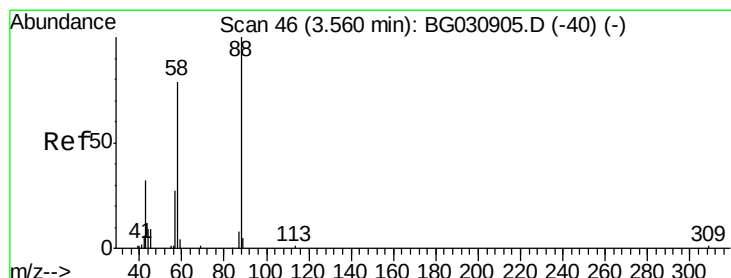
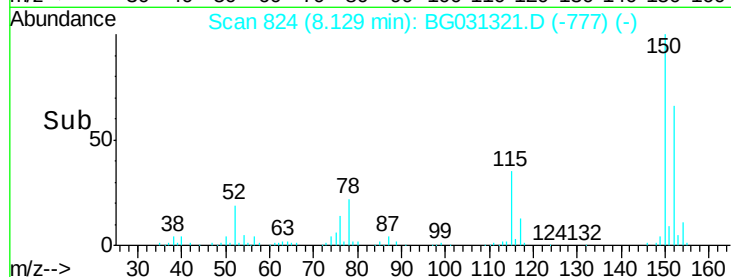
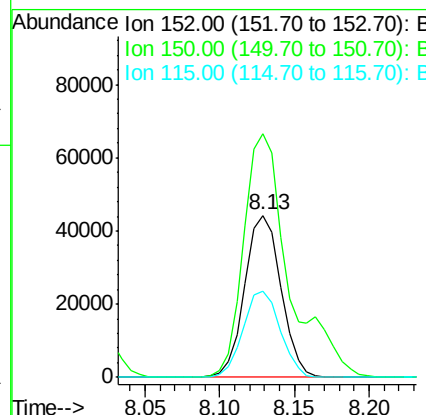
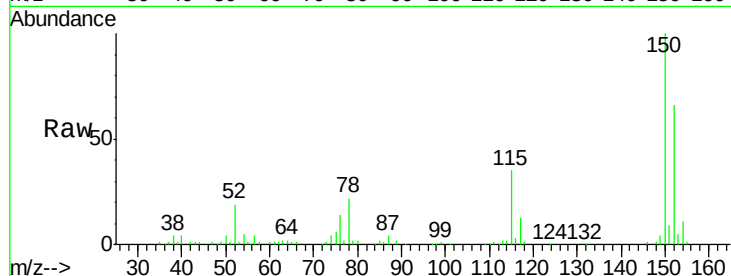
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1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.13 min Scan# 824
Delta R.T. -0.02 min
Lab File: BG031321.D
Acq: 1 Dec 2017 17:09

Instrument :
BNA_G
ClientSampleId :
SU-03-112917MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.5	126.6	189.8
115	53.0	53.0	79.4

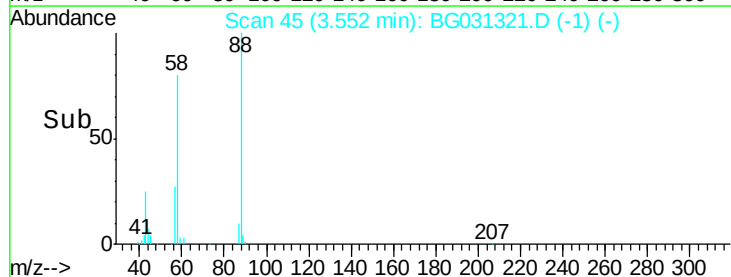
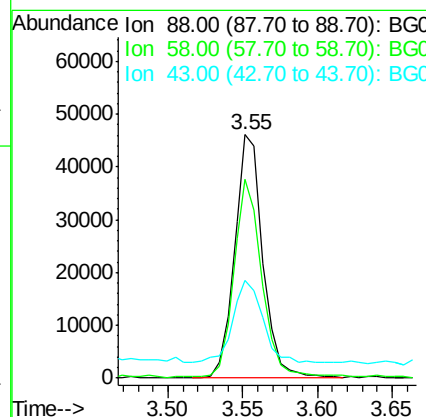
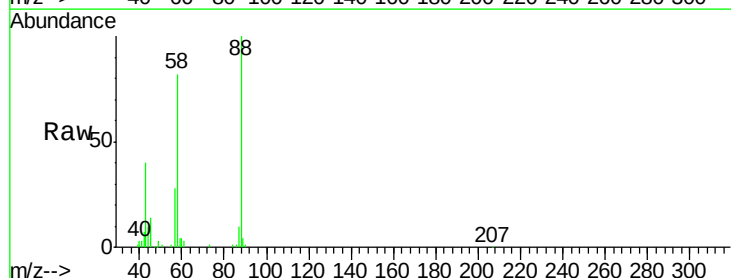
Manual Integrations
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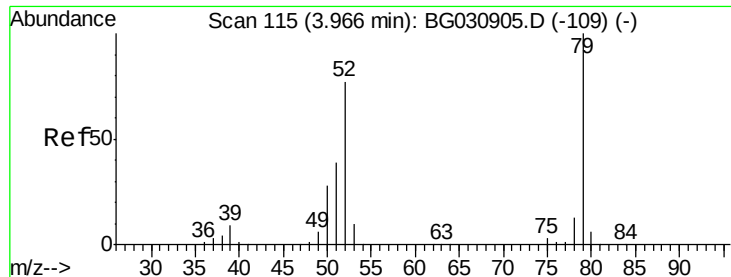
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#2
1,4-Dioxane
Concen: 34.59 ng
RT: 3.55 min Scan# 45
Delta R.T. -0.02 min
Lab File: BG031321.D
Acq: 1 Dec 2017 17:09

Tgt Ion	Ratio	Lower	Upper
88	100		
58	79.9	79.6	119.4
43	35.5	27.4	41.0





#3

Pvridine

Concen: 29.26 ng

RT: 3.96 min Scan# 115

Delta R.T. -0.01 min

Lab File: BG031321.D

Acq: 1 Dec 2017 17:09

Instrument :

BNA_G

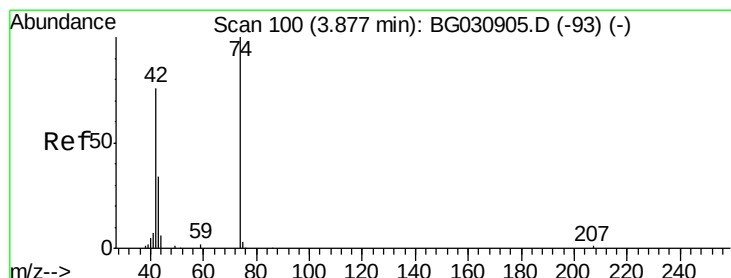
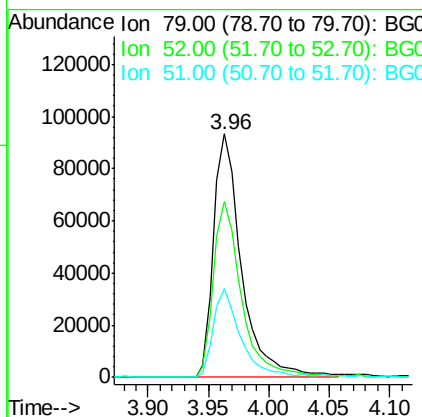
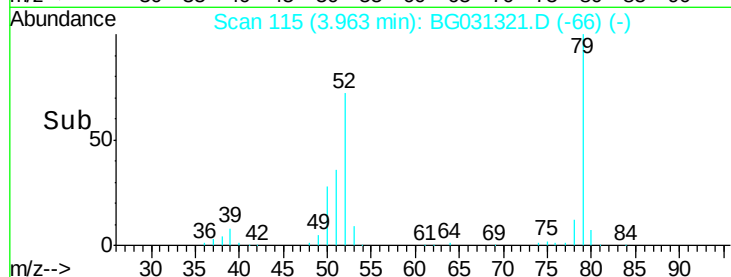
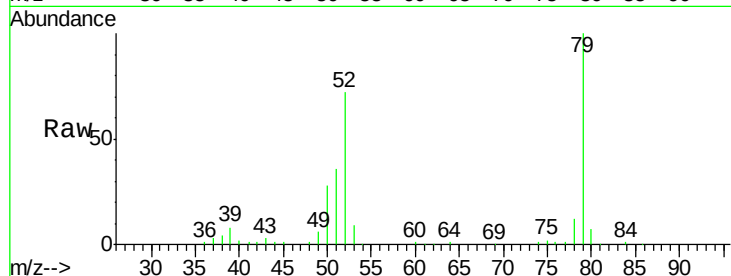
ClientSampleId :

SU-03-112917MSD

Tot Ion:	79	Resp:	149492
Ion	Ratio	Lower	Upper
79	100		
52	72.4	69.9	104.9
51	36.3	34.0	51.0

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#4

n-Nitrosodimethylamine

Concen: 34.13 ng

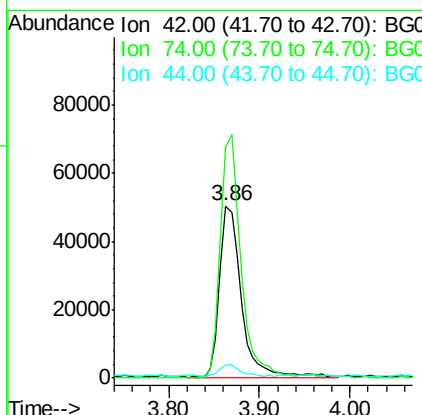
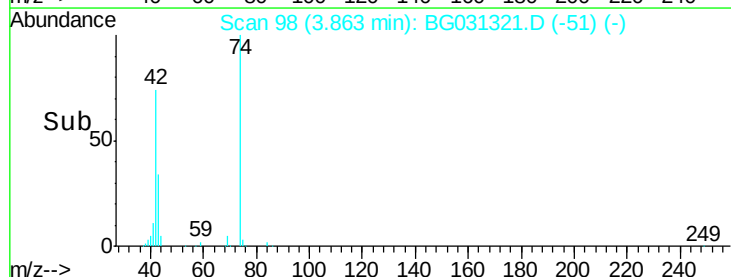
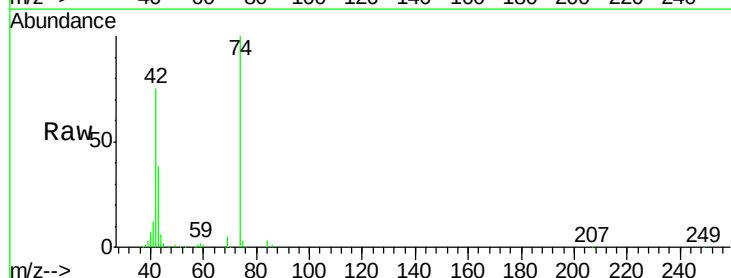
RT: 3.86 min Scan# 98

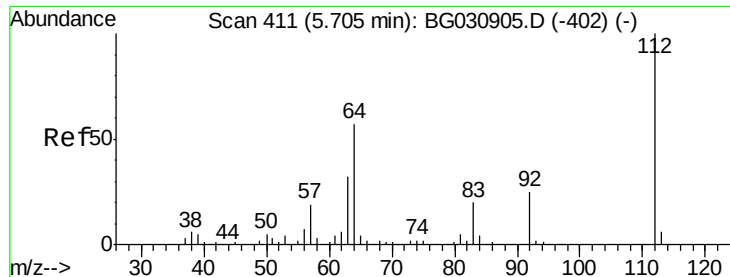
Delta R.T. -0.02 min

Lab File: BG031321.D

Acq: 1 Dec 2017 17:09

Tgt Ion:	42	Resp:	82642
Ion	Ratio	Lower	Upper
42	100		
74	134.2	102.5	153.7
44	7.9	18.9	28.3





#5

2-Fluorophenol

Concen: 123.38 ng

RT: 5.69 min Scan# 409

Delta R.T. -0.02 min

Lab File: BG031321.D

Acq: 1 Dec 2017 17:09

Instrument :

BNA_G

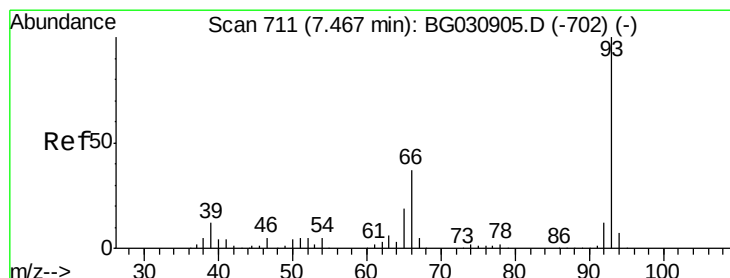
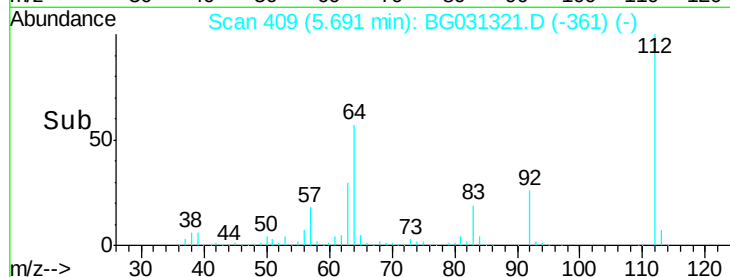
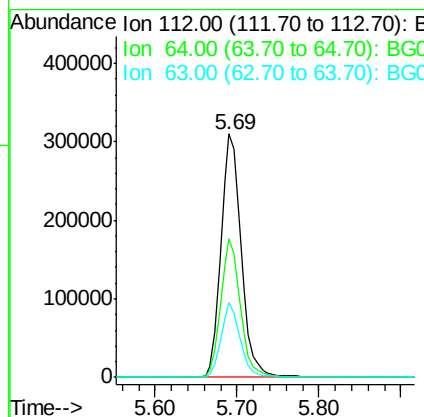
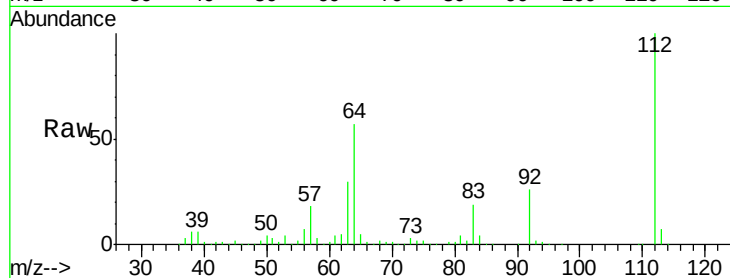
ClientSampleId :

SU-03-112917MSD

Tot Ion:	112	Resp:	535106
Ion Ratio	Lower	Upper	
112	100		
64	57.0	56.3	84.5
63	30.5	30.1	45.1

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#6

Aniline

Concen: 10.52 ng

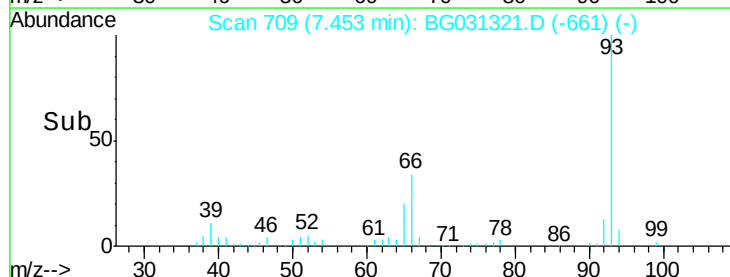
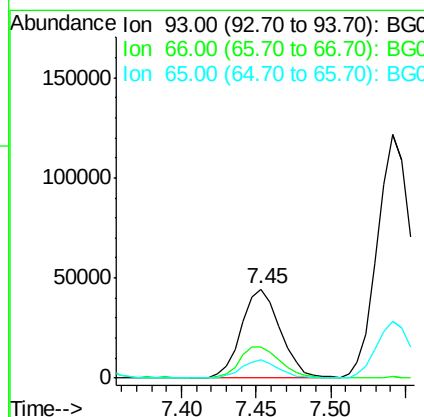
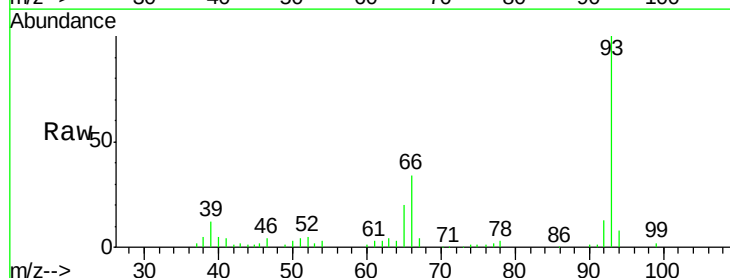
RT: 7.45 min Scan# 709

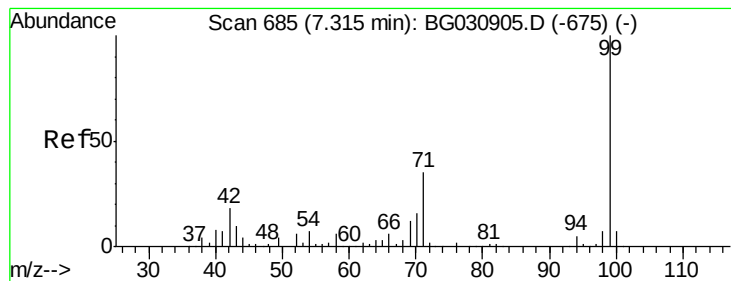
Delta R.T. -0.02 min

Lab File: BG031321.D

Acq: 1 Dec 2017 17:09

Tgt Ion:	93	Resp:	80933
Ion Ratio	Lower	Upper	
93	100		
66	34.4	33.7	50.5
65	20.1	16.1	24.1





#7

Phenol-d6

Concen: 107.08 ng

RT: 7.30 min Scan# 683

Delta R.T. -0.01 min

Lab File: BG031321.D

Acq: 1 Dec 2017 17:09

Instrument :

BNA_G

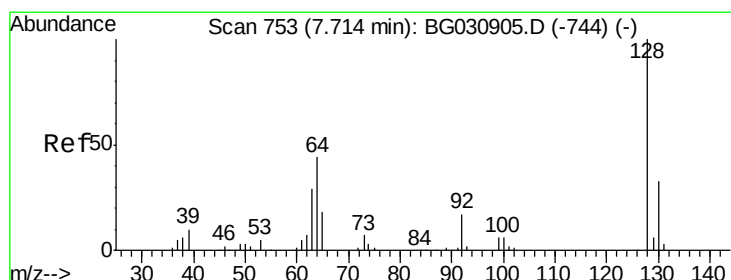
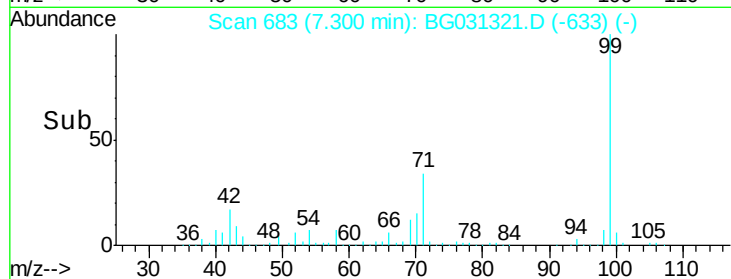
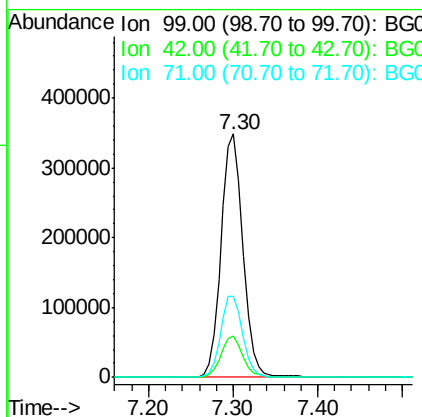
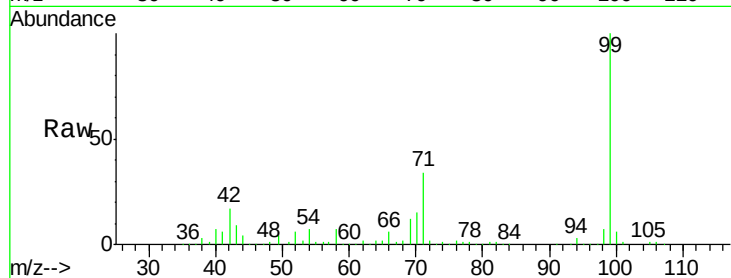
ClientSampleId :

SU-03-112917MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		625684		
42	17.0	14.1	21.1		
71	33.6	26.1	39.1		

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#8

2-Chlorophenol

Concen: 42.79 ng

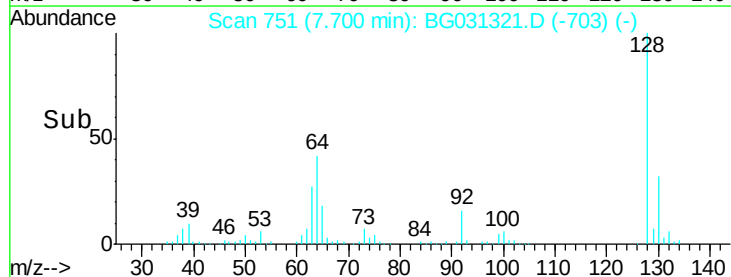
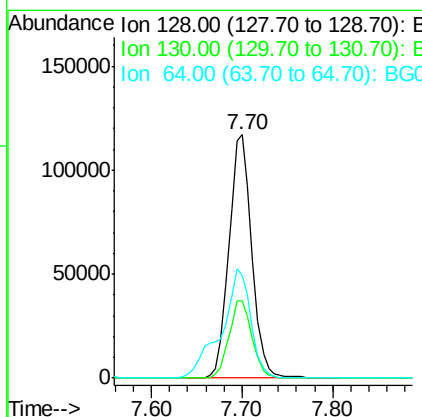
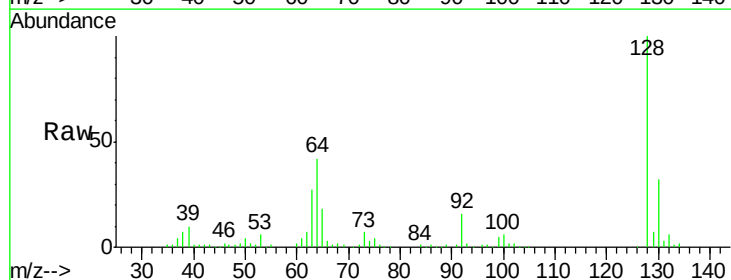
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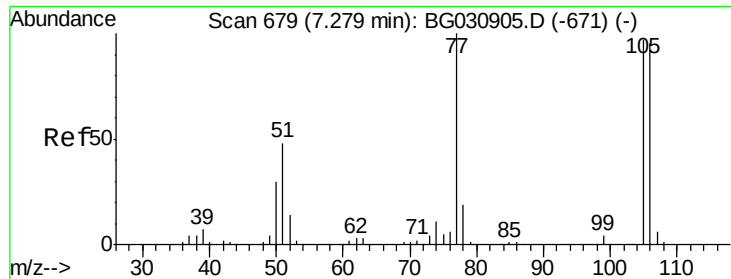
Delta R.T. -0.02 min

Lab File: BG031321.D

Acq: 1 Dec 2017 17:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		204818		
130	31.7	14.0	54.0		
64	42.2	37.7	77.7		





#9

Benzaldehyde

Concen: 17.87 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.02 min

Lab File: BG031321.D

Acq: 1 Dec 2017 17:09

Instrument :

BNA_G

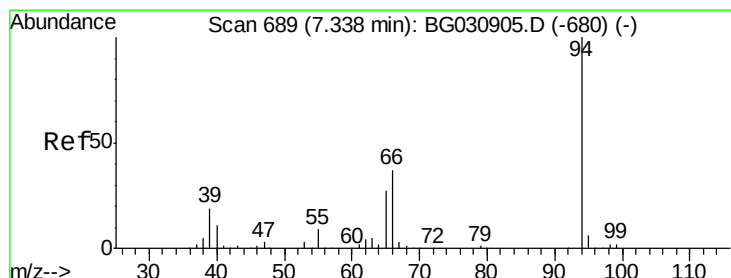
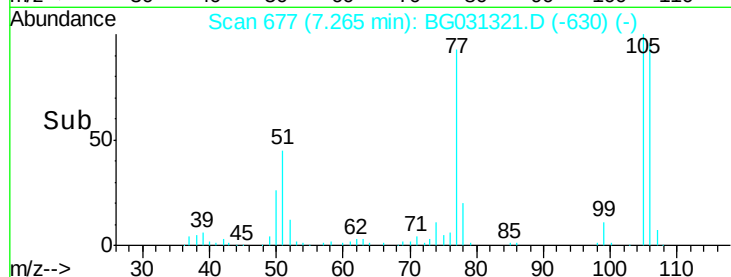
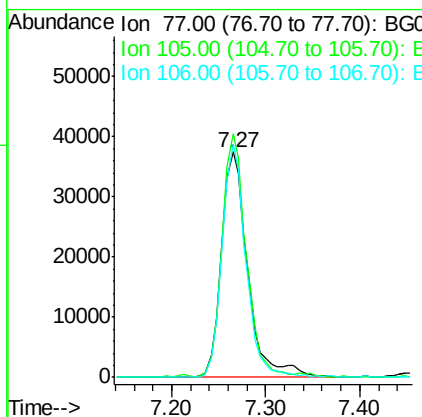
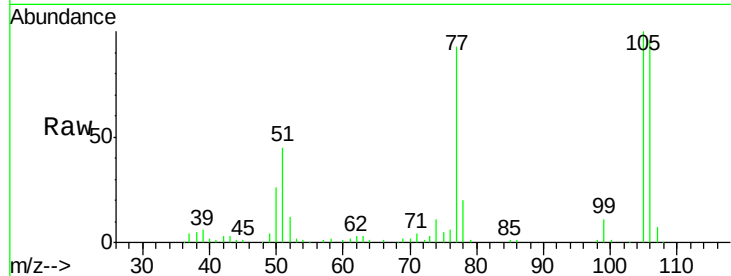
ClientSampleId :

SU-03-112917MSD

Tot Ion:	77	Resp:	73055
Ion	Ratio	Lower	Upper
77	100		
105	108.0	71.3	111.3
106	103.3	64.2	104.2

Manual Integrations
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#10

Phenol

Concen: 36.82 ng

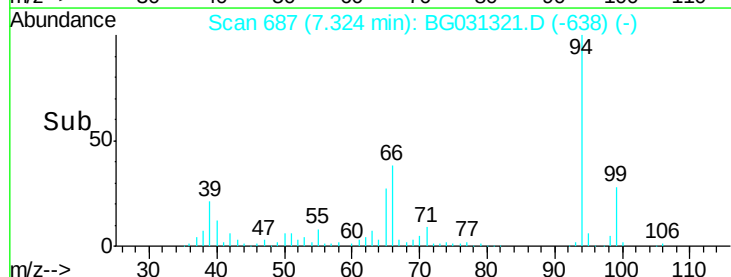
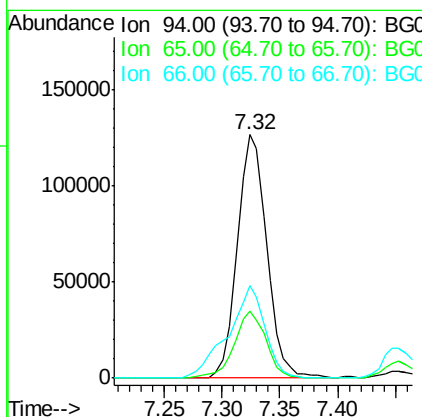
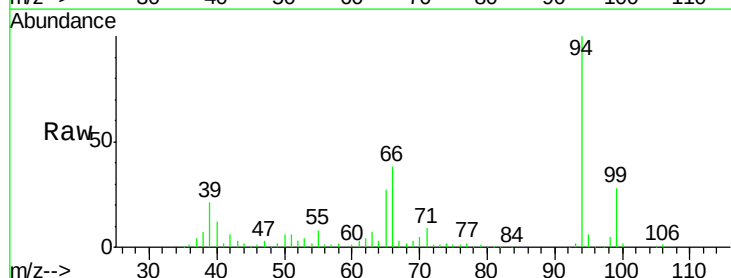
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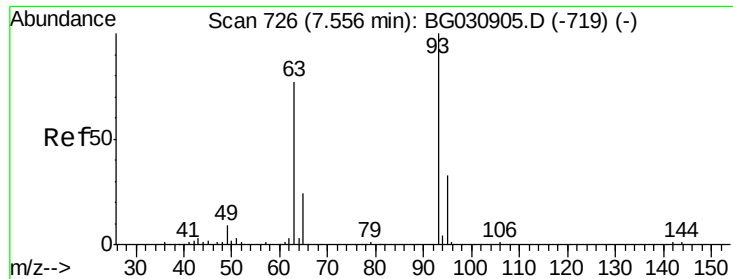
Delta R.T. -0.01 min

Lab File: BG031321.D

Acq: 1 Dec 2017 17:09

Tgt Ion:	94	Resp:	223436
Ion	Ratio	Lower	Upper
94	100		
65	27.4	11.9	51.9
66	37.8	22.2	62.2





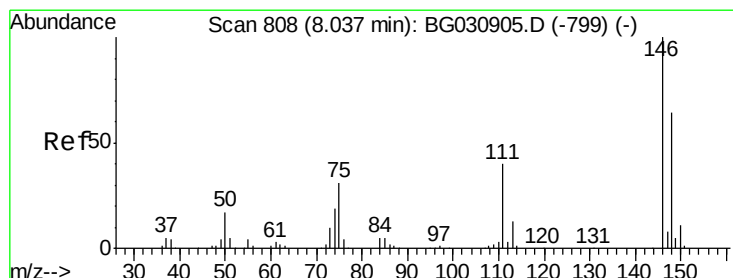
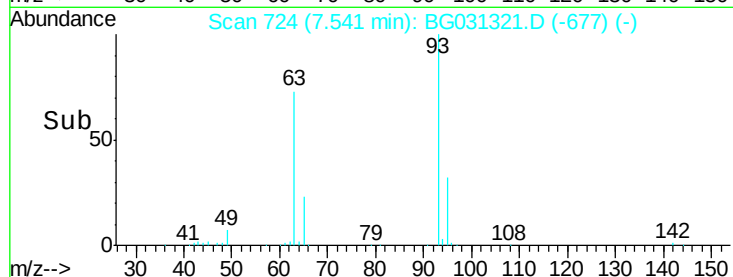
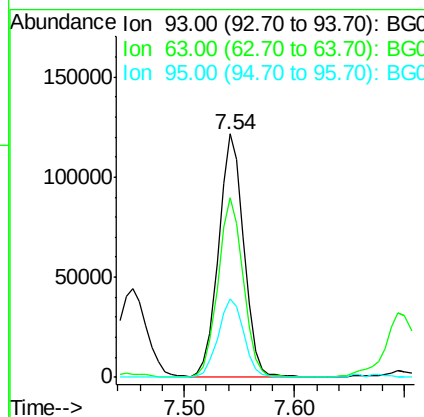
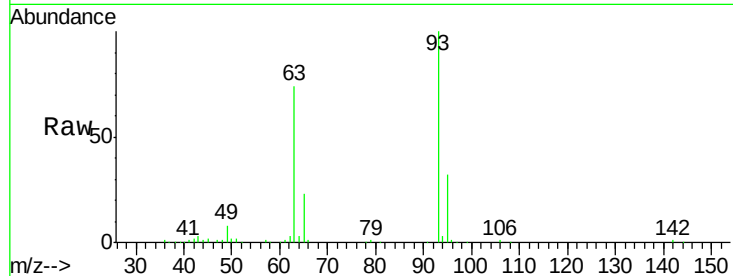
#11
bis(2-Chloroethyl)ether
Concen: 39.66 ng
RT: 7.54 min Scan# 724
Delta R.T. -0.02 min
Lab File: BG031321.D
Acq: 1 Dec 2017 17:09

Instrument :
BNA_G
ClientSampleId :
SU-03-112917MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	74.0	67.1	107.1
95	32.4	11.5	51.5

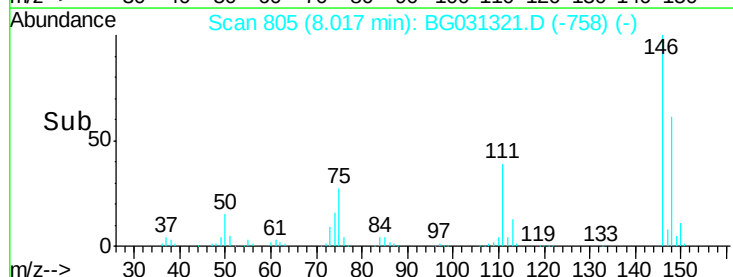
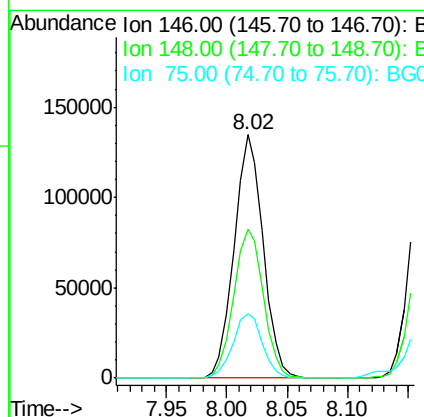
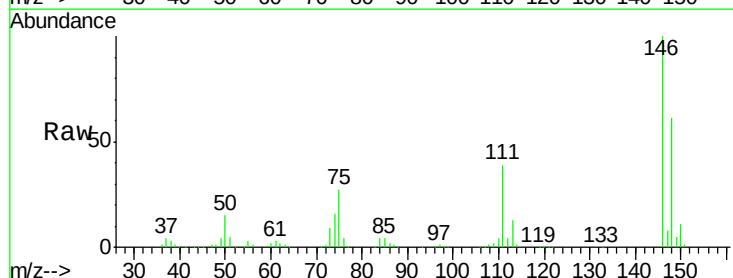
Manual Integrations
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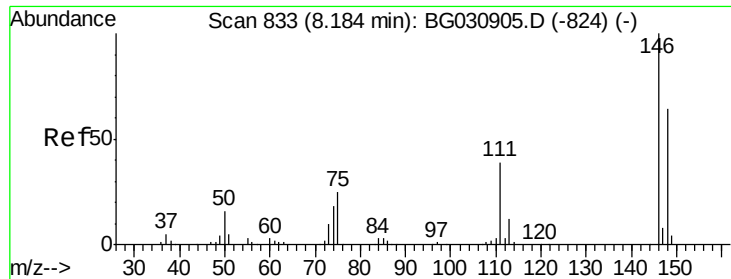
Sohil
12/4/2017 12:00:07 PM



#12
1,3-Dichlorobenzene
Concen: 40.06 ng
RT: 8.02 min Scan# 805
Delta R.T. -0.02 min
Lab File: BG031321.D
Acq: 1 Dec 2017 17:09

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.3	51.4	77.2
75	26.7	26.6	39.8





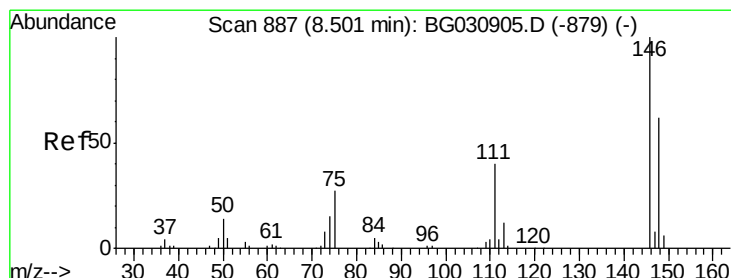
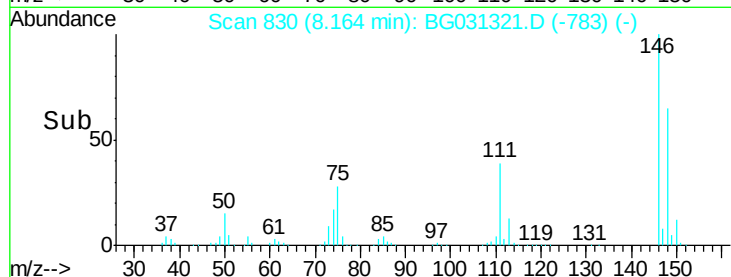
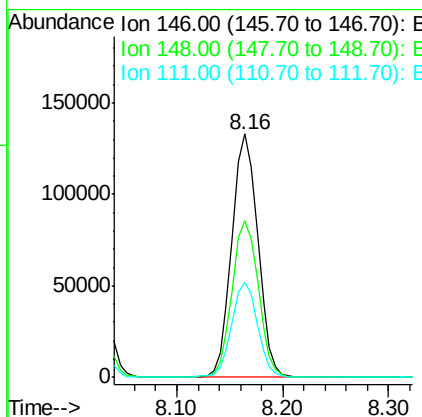
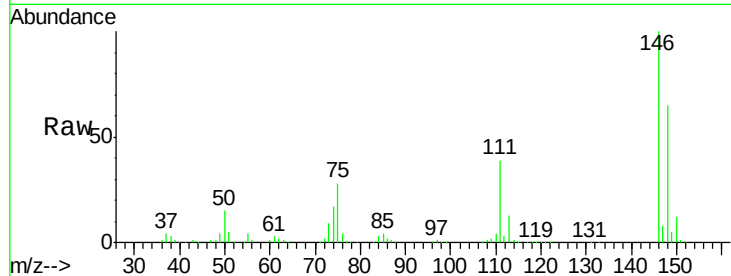
#13
 1,4-Dichlorobenzene
 Concen: 39.82 ng
 RT: 8.16 min Scan# 830
 Delta R.T. -0.02 min
 Lab File: BG031321.D
 Acq: 1 Dec 2017 17:09

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-112917MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.6	53.7	80.5
111	39.3	35.2	52.8

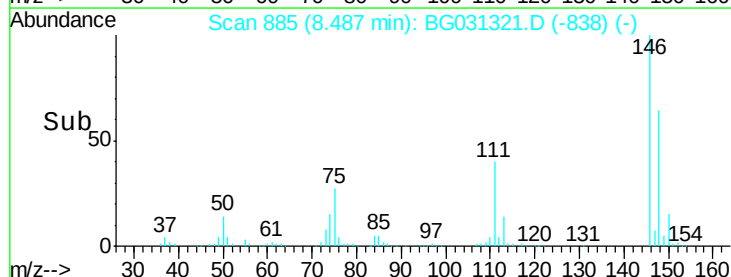
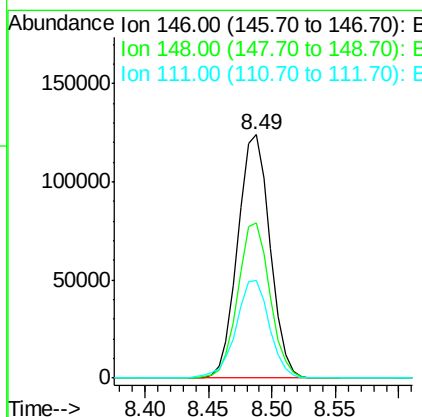
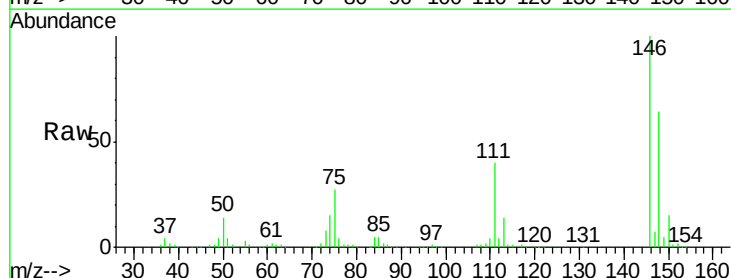
Manual Integrations
 APPROVED

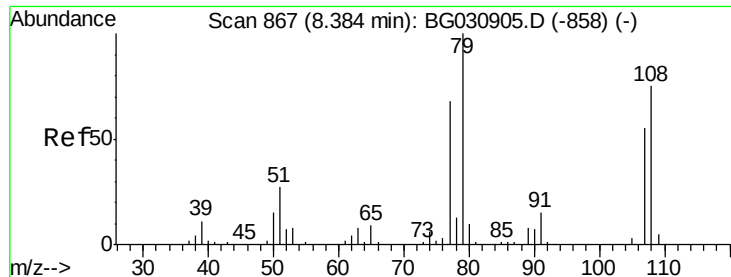
Sohil
 12/4/2017 12:00:07 PM



#14
 1,2-Dichlorobenzene
 Concen: 39.99 ng
 RT: 8.49 min Scan# 885
 Delta R.T. -0.02 min
 Lab File: BG031321.D
 Acq: 1 Dec 2017 17:09

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	49.3	73.9
111	40.4	34.3	51.5





#15

Benzyl Alcohol

Concen: 37.19 ng

RT: 8.37 min Scan# 865

Delta R.T. -0.02 min

Lab File: BG031321.D

Acq: 1 Dec 2017 17:09

Instrument :

BNA_G

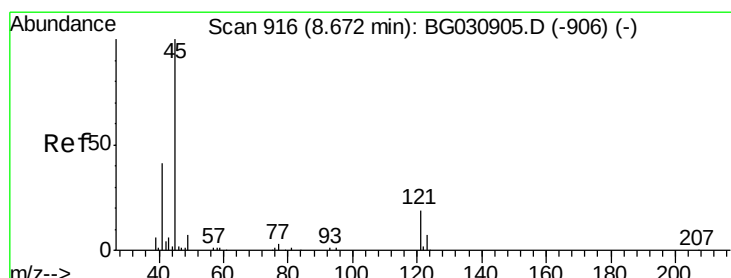
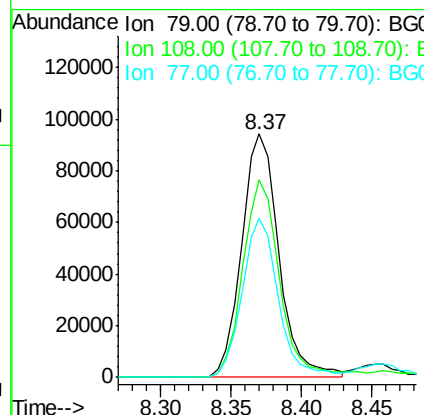
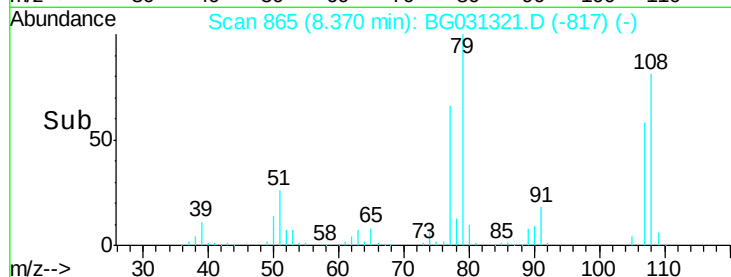
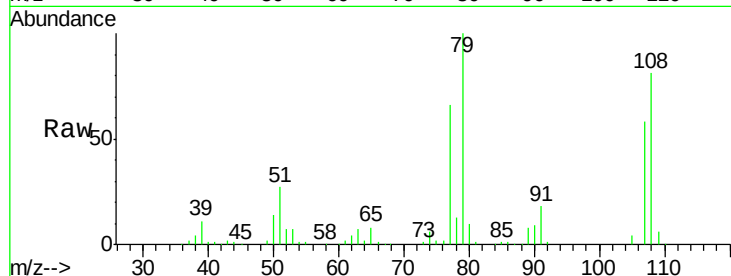
ClientSampleId :

SU-03-112917MSD

Tot Ion:	79	Resp:	174323
Ion Ratio	Lower	Upper	
79	100		
108	81.2	57.2	85.8
77	65.6	46.1	69.1

Manual Integrations
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12/4/2017 12:00:07 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 51.72 ng

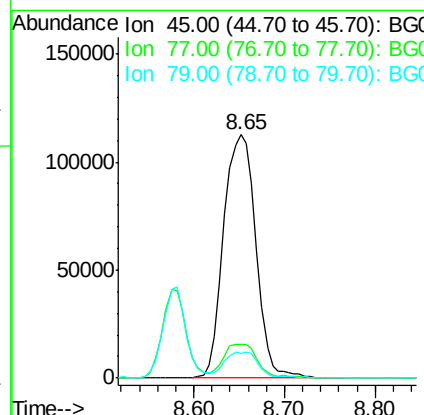
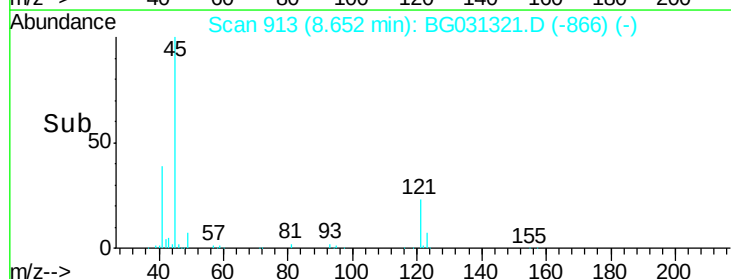
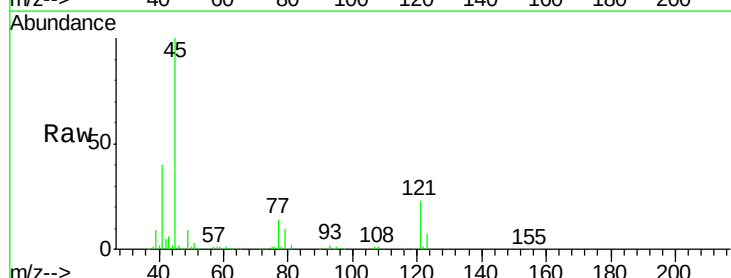
RT: 8.65 min Scan# 913

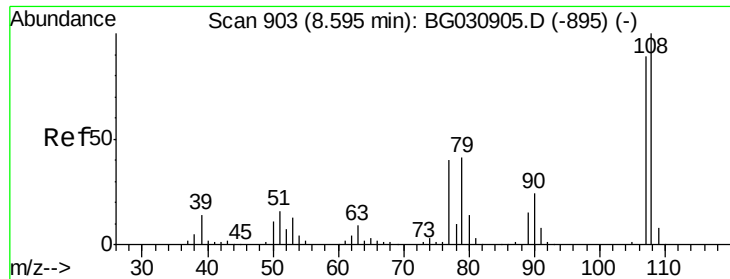
Delta R.T. -0.02 min

Lab File: BG031321.D

Acq: 1 Dec 2017 17:09

Tgt Ion:	45	Resp:	276802
Ion Ratio	Lower	Upper	
45	100		
77	13.9	0.0	30.2
79	10.0	0.0	27.9





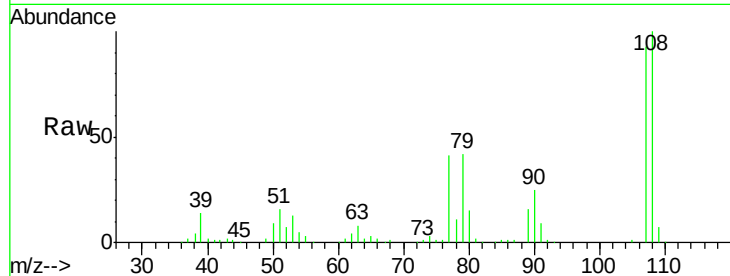
#17
2-Methylphenol
Concen: 40.09 ng
RT: 8.58 min Scan# 901
Delta R.T. -0.01 min
Lab File: BG031321.D
Acq: 1 Dec 2017 17:09

Instrument :
BNA_G
ClientSampleId :
SU-03-112917MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	107.2	83.9	125.9	
77	43.5	37.2	55.8	
79	45.3	36.2	54.2	

Manual Integrations
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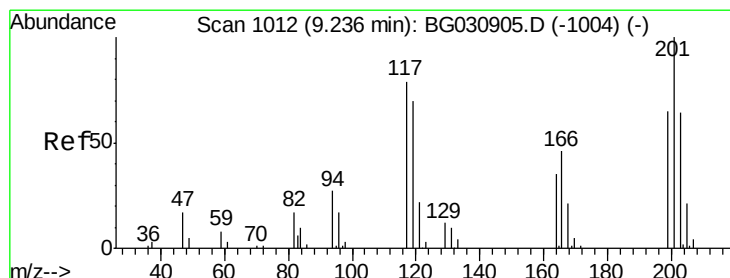
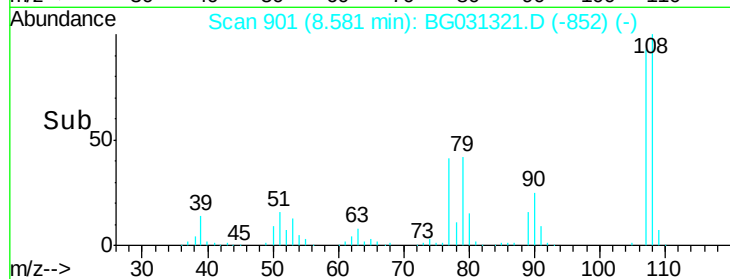
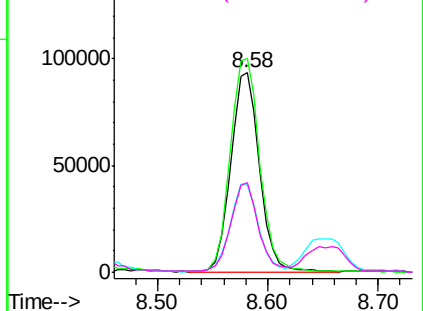
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

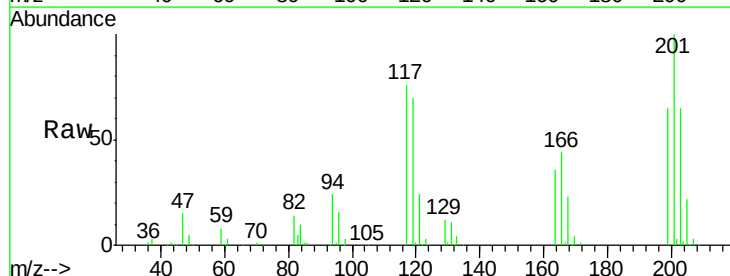
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 39.67 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.03 min
Lab File: BG031321.D
Acq: 1 Dec 2017 17:09

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	92.2	76.7	115.1	
201	131.9	95.7	143.5	

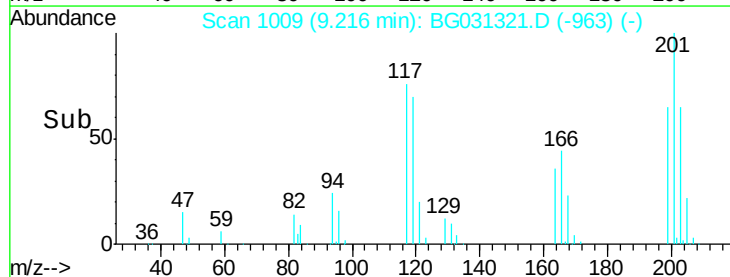
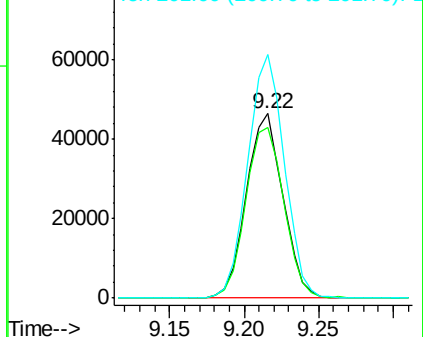


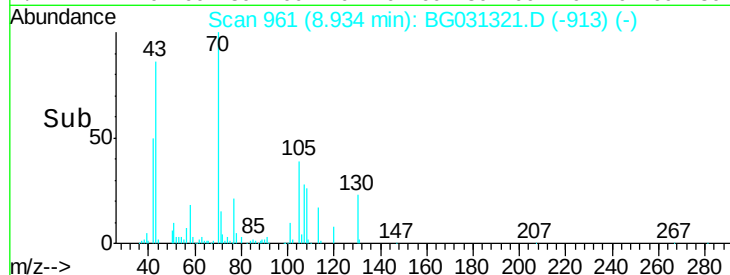
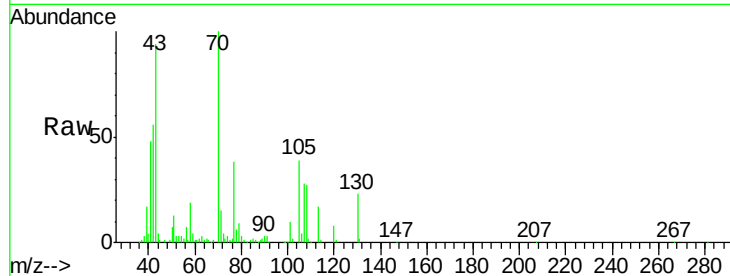
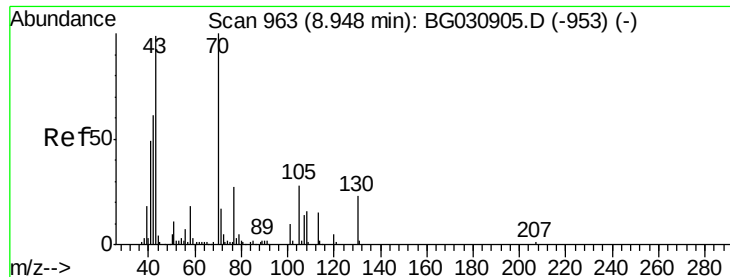
Abundance

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





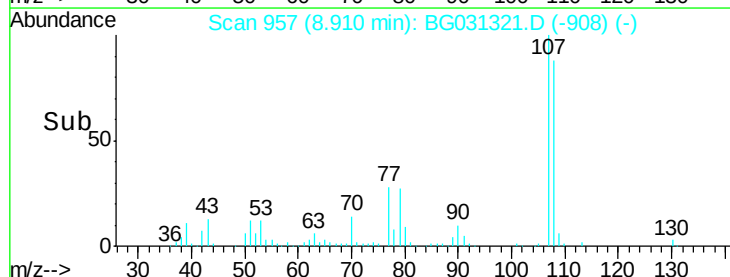
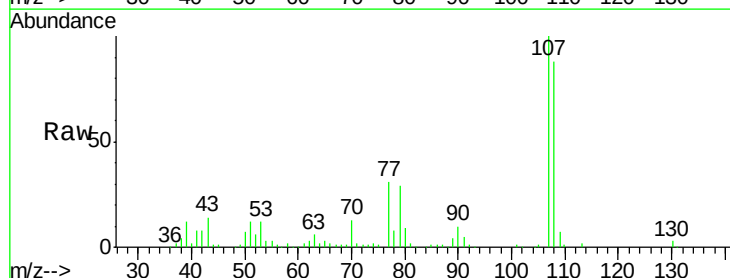
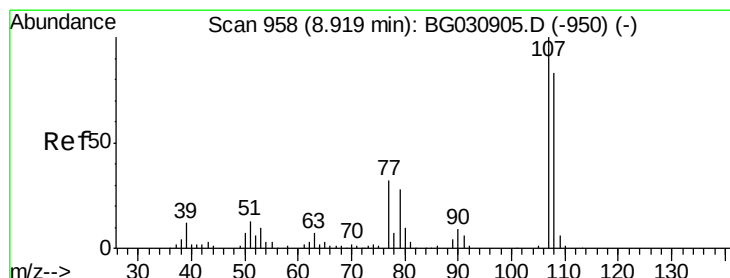
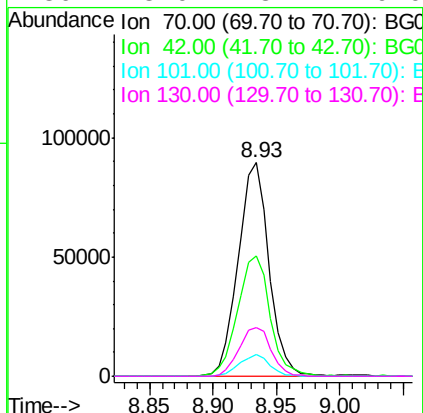
#19
n-Nitroso-di-n-propylamine
Concen: 33.90 ng
RT: 8.93 min Scan# 961
Delta R.T. -0.02 min
Lab File: BG031321.D
Acq: 1 Dec 2017 17:09

Instrument :
BNA_G
ClientSampleId :
SU-03-112917MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	56.4	49.1	73.7	
101	10.0	8.5	12.7	
130	23.0	13.4	20.0	

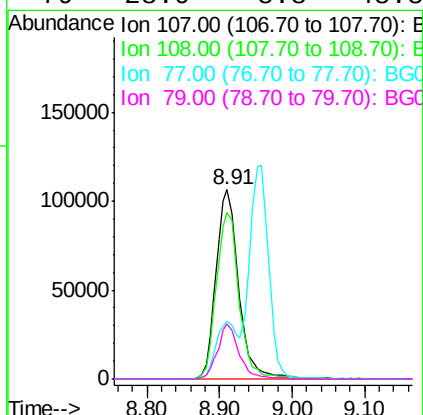
Manual Integrations
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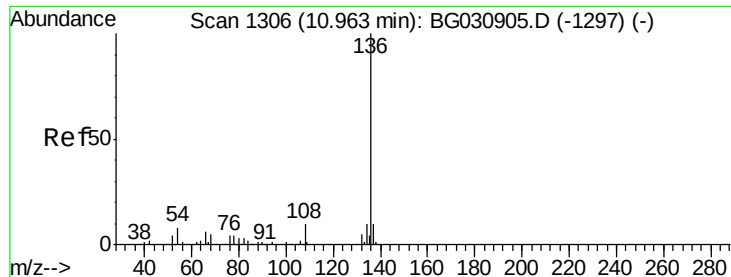
Sohil
12/4/2017 12:00:07 PM



#20
3+4-Methylphenols
Concen: 38.45 ng
RT: 8.91 min Scan# 957
Delta R.T. -0.01 min
Lab File: BG031321.D
Acq: 1 Dec 2017 17:09

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.4	61.6	101.6	
77	30.7	13.9	53.9	
79	28.9	8.8	48.8	





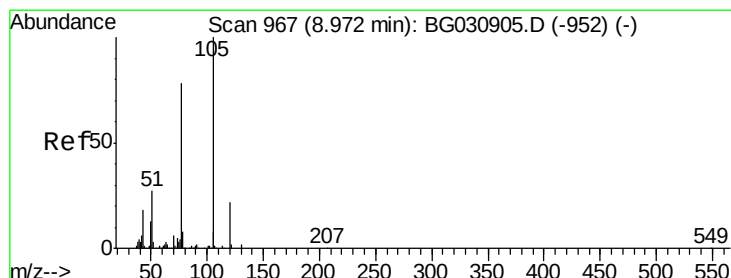
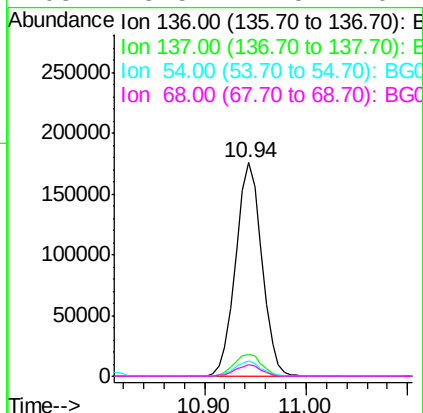
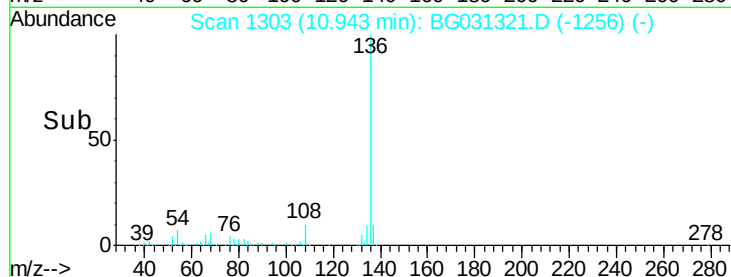
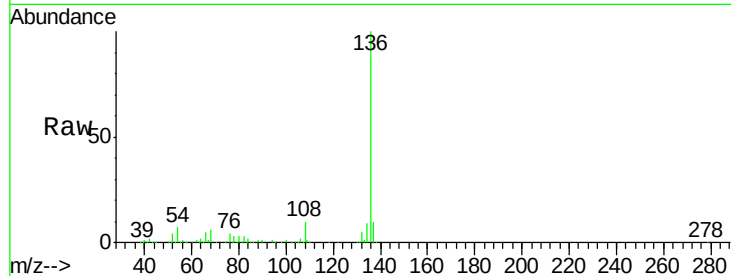
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.94 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BG031321.D
Acq: 1 Dec 2017 17:09

Instrument :
BNA_G
ClientSampleId :
SU-03-112917MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	314157		
137	10.3	9.2	13.8	
54	7.1	10.3	15.5	
68	5.5	4.5	6.7	

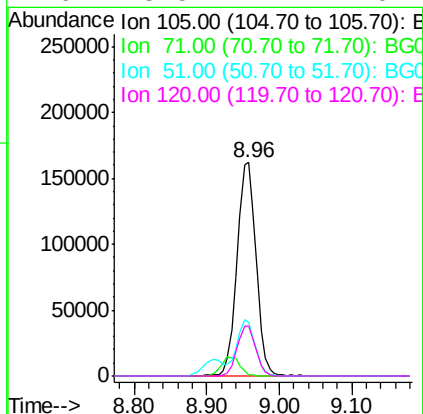
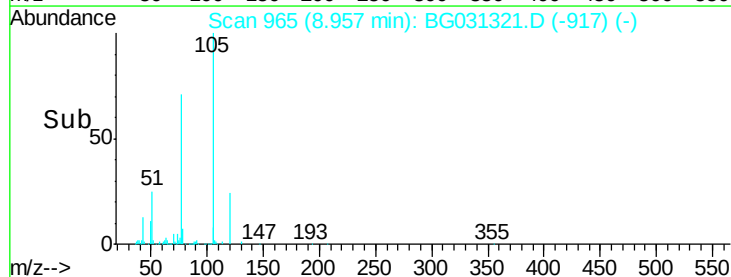
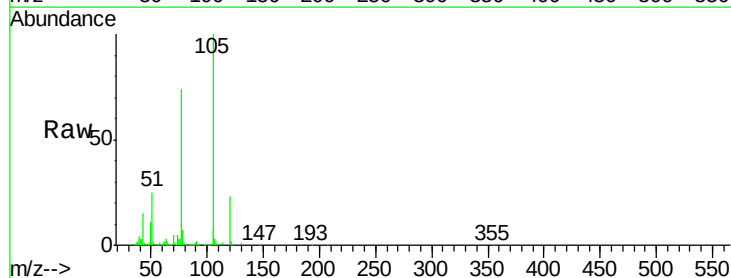
Manual Integrations
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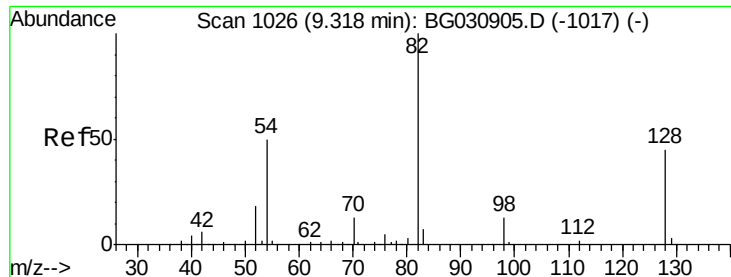
Sohil
12/4/2017 12:00:07 PM



#22
Acetophenone
Concen: 37.87 ng
RT: 8.96 min Scan# 965
Delta R.T. -0.02 min
Lab File: BG031321.D
Acq: 1 Dec 2017 17:09

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	296208		
71	0.9	3.0	4.4	
51	25.1	26.1	39.1	
120	23.5	17.4	26.2	





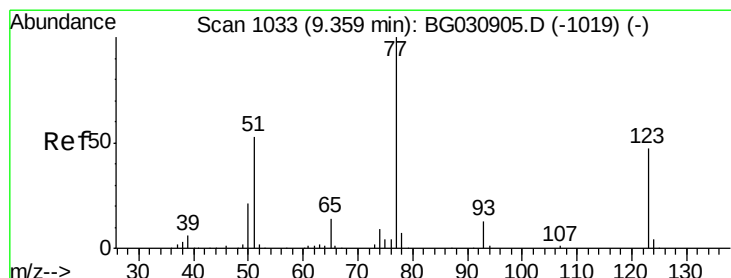
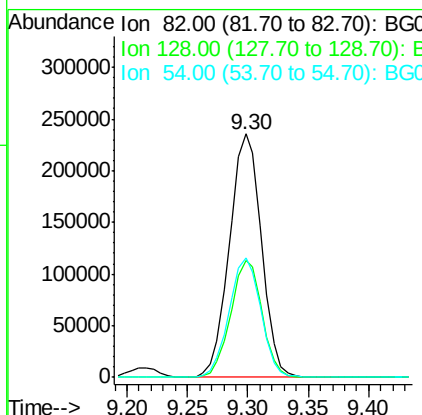
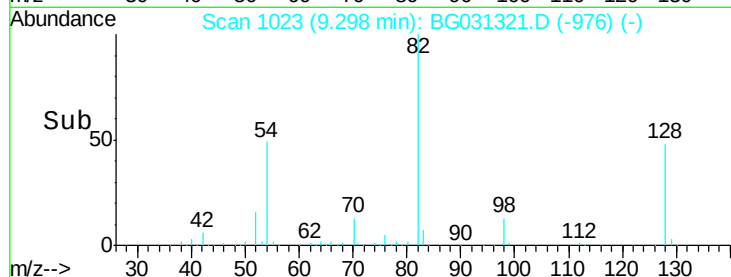
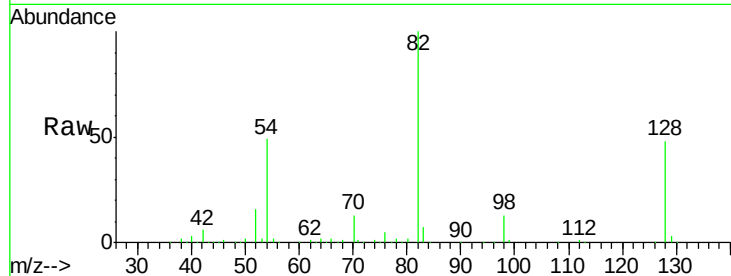
#23
Nitrobenzene-d5
Concen: 82.00 ng
RT: 9.30 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BG031321.D
Acq: 1 Dec 2017 17:09

Instrument :
BNA_G
ClientSampleId :
SU-03-112917MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.9	29.7	44.5#
54	49.1	43.1	64.7

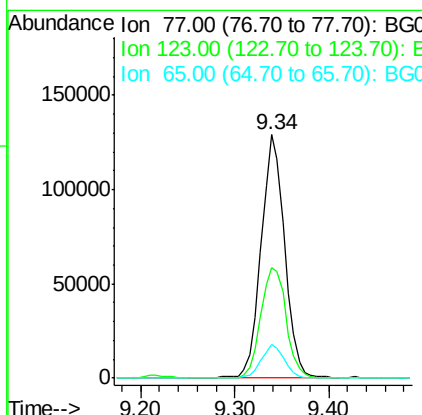
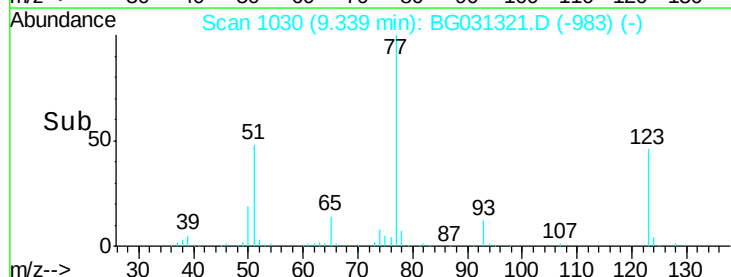
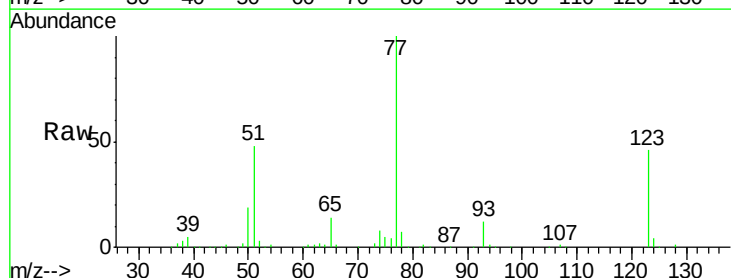
Manual Integrations
APPROVED

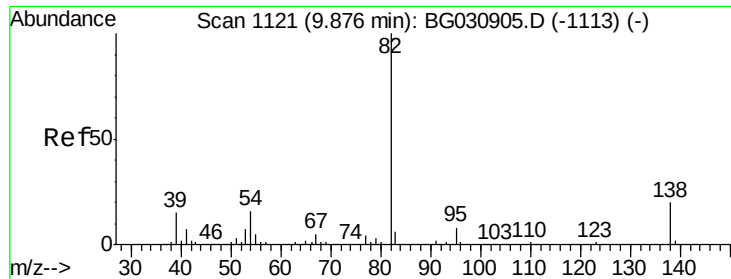
Sohil
12/4/2017 12:00:07 PM



#24
Nitrobenzene
Concen: 41.34 ng
RT: 9.34 min Scan# 1030
Delta R.T. -0.02 min
Lab File: BG031321.D
Acq: 1 Dec 2017 17:09

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.6	33.0	49.6
65	13.7	13.0	19.6





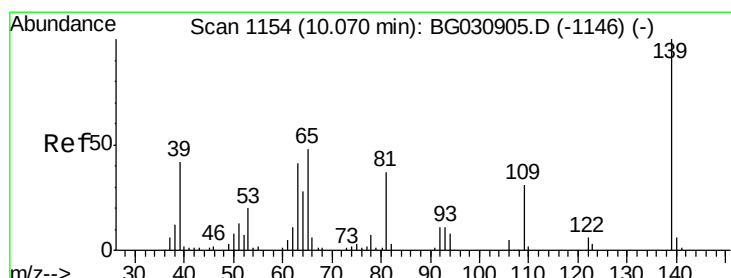
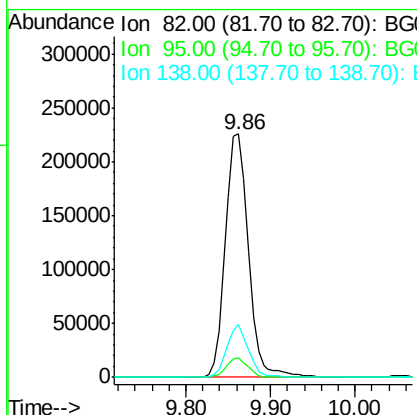
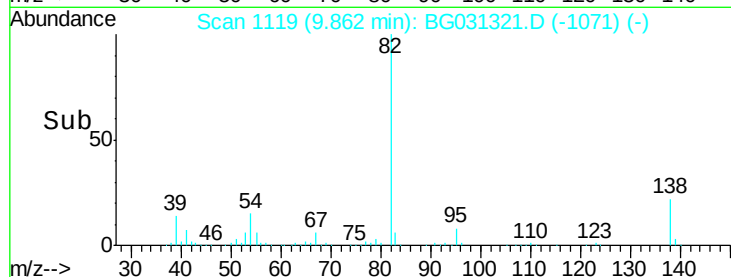
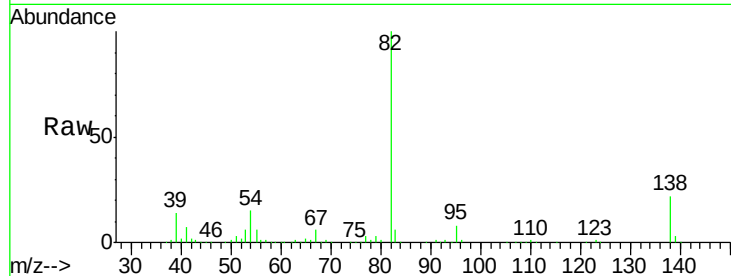
#25
Isophorone
Concen: 41.19 ng
RT: 9.86 min Scan# 1119
Delta R.T. -0.02 min
Lab File: BG031321.D
Acq: 1 Dec 2017 17:09

Instrument :
BNA_G
ClientSampleId :
SU-03-112917MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	7.9	6.2	9.2	
138	21.6	12.1	18.1	

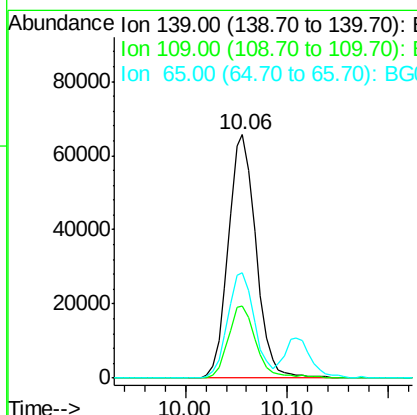
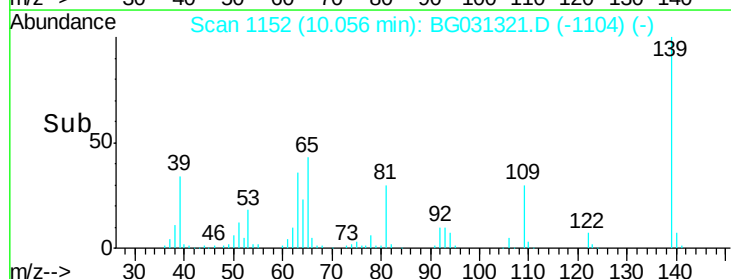
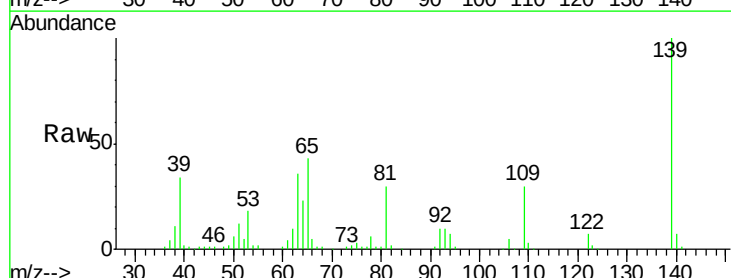
Manual Integrations
APPROVED

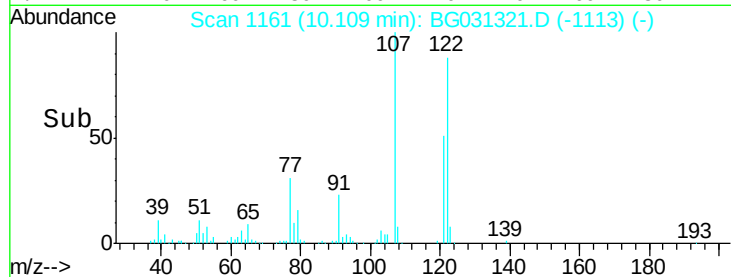
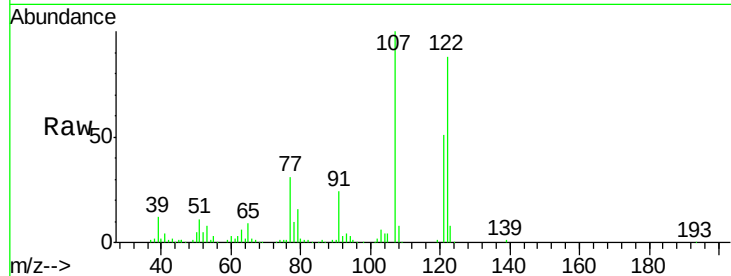
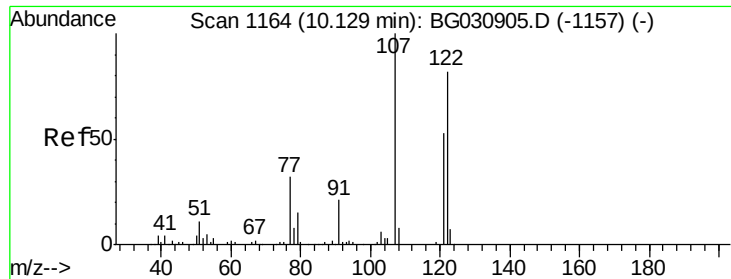
Sohil
12/4/2017 12:00:07 PM



#26
2-Nitrophenol
Concen: 44.06 ng
RT: 10.06 min Scan# 1152
Delta R.T. -0.02 min
Lab File: BG031321.D
Acq: 1 Dec 2017 17:09

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	29.6	24.2	36.2	
65	43.4	47.4	71.0	





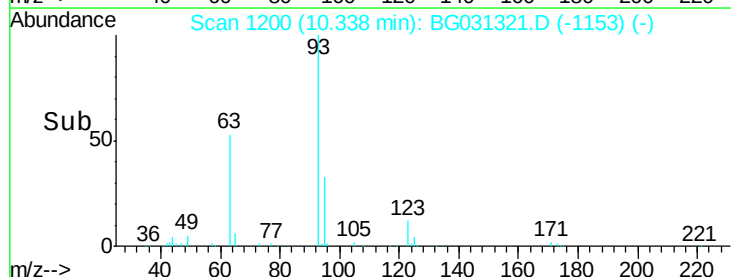
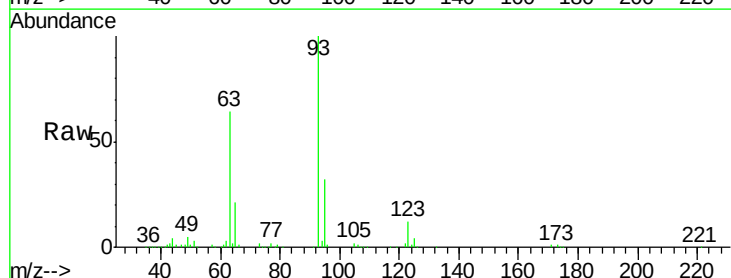
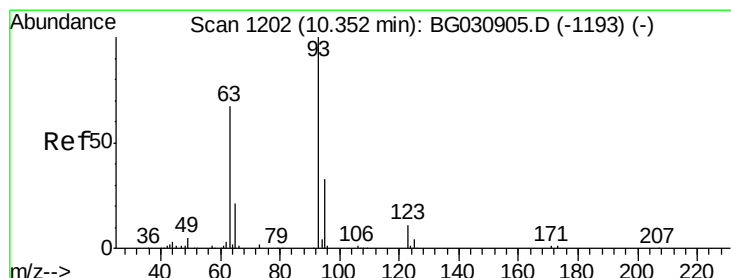
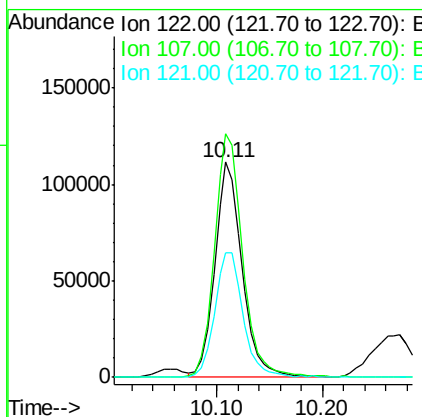
#27
2,4-Dimethylphenol
Concen: 47.35 ng
RT: 10.11 min Scan# 1161
Delta R.T. -0.02 min
Lab File: BG031321.D
Acq: 1 Dec 2017 17:09

Instrument :
BNA_G
ClientSampleId :
SU-03-112917MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100				
107	113.0	100.2	150.2		
121	57.8	44.4	66.6		

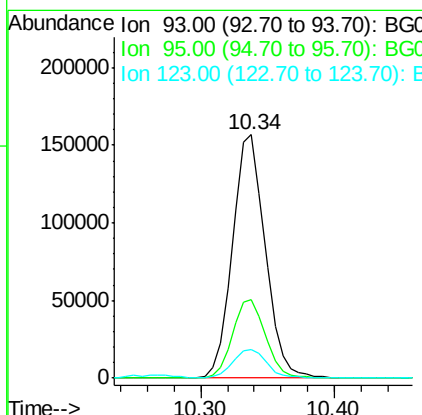
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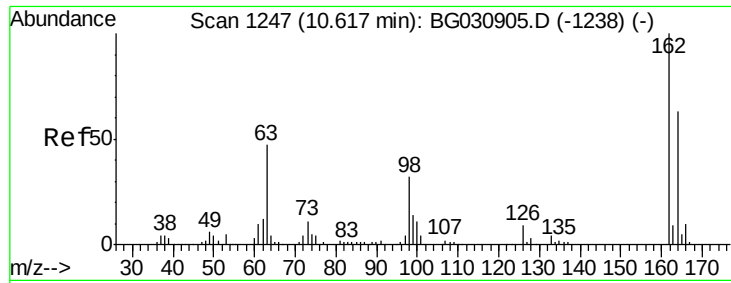
Sohil
12/4/2017 12:00:07 PM



#28
bis(2-Chloroethoxy)methane
Concen: 41.04 ng
RT: 10.34 min Scan# 1200
Delta R.T. -0.02 min
Lab File: BG031321.D
Acq: 1 Dec 2017 17:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100				
95	32.2	24.3	36.5		
123	11.9	8.4	12.6		





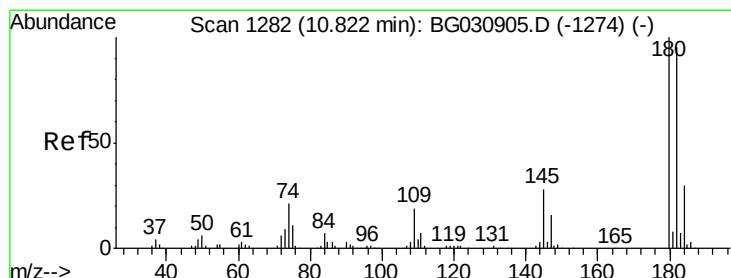
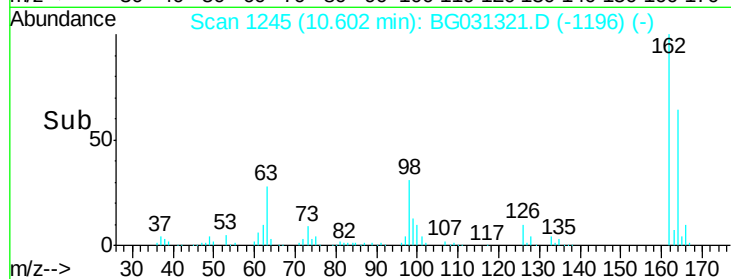
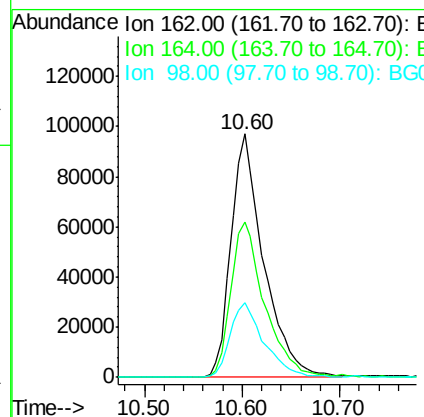
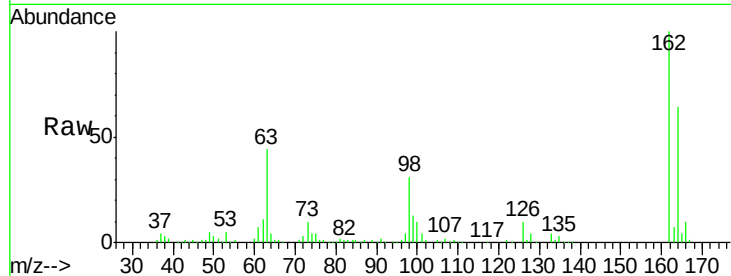
#29
 2,4-Dichlorophenol
 Concen: 44.99 ng
 RT: 10.60 min Scan# 1245
 Delta R.T. -0.01 min
 Lab File: BG031321.D
 Acq: 1 Dec 2017 17:09

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-112917MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	226390		
164	63.7	48.0	88.0	
98	30.9	21.1	61.1	

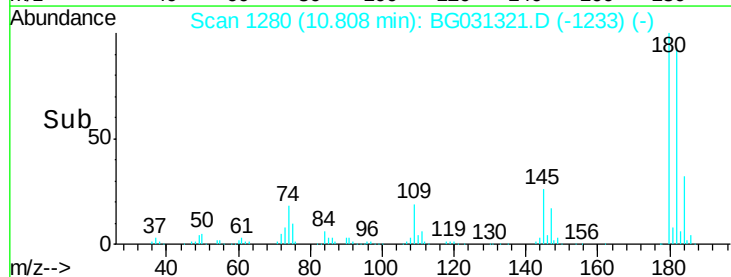
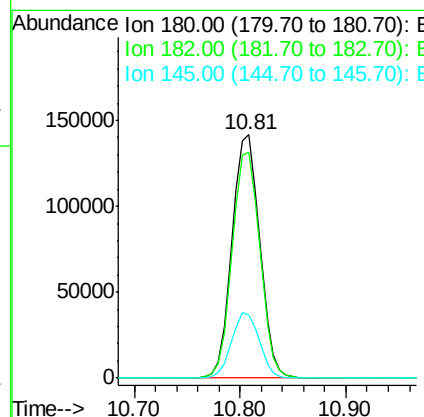
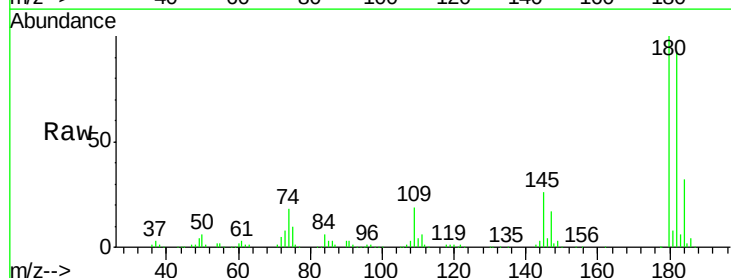
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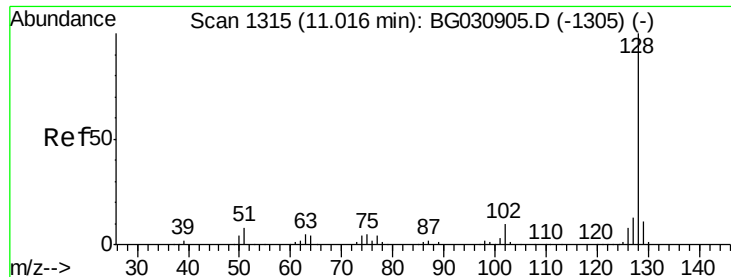
Sohil
 12/4/2017 12:00:07 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 42.77 ng
 RT: 10.81 min Scan# 1280
 Delta R.T. -0.02 min
 Lab File: BG031321.D
 Acq: 1 Dec 2017 17:09

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	256945		
182	92.7	77.5	116.3	
145	26.2	23.4	35.2	





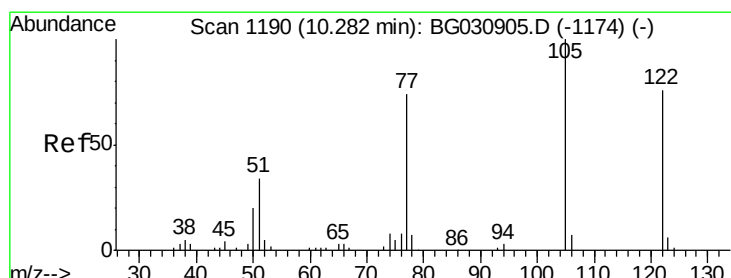
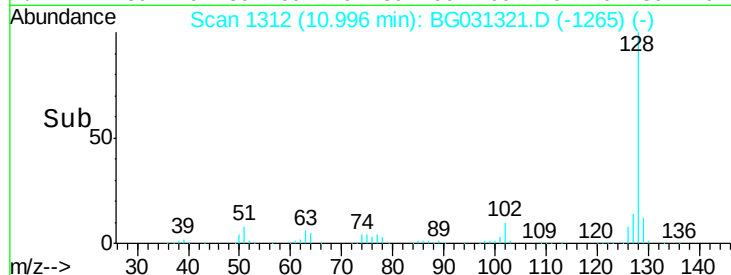
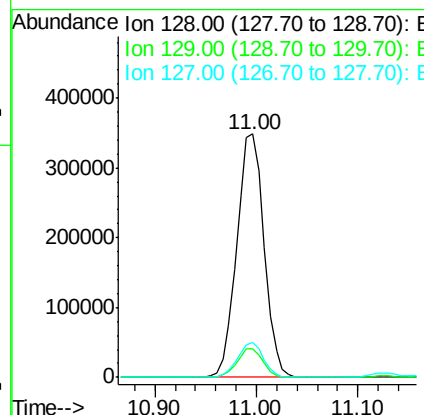
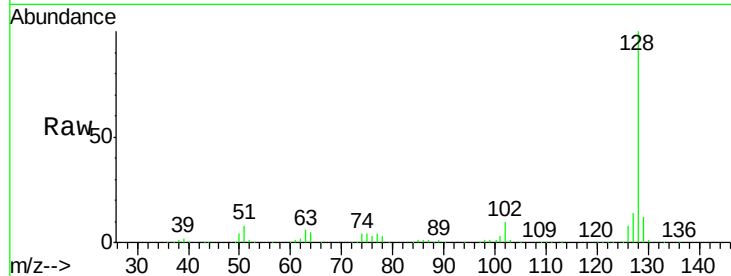
#31
Naphthalene
Concen: 42.02 ng
RT: 11.00 min Scan# 1312
Delta R.T. -0.02 min
Lab File: BG031321.D
Acq: 1 Dec 2017 17:09

Instrument :
BNA_G
ClientSampleId :
SU-03-112917MSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100	648886		
129	11.6		8.6	12.8
127	14.2		11.6	17.4

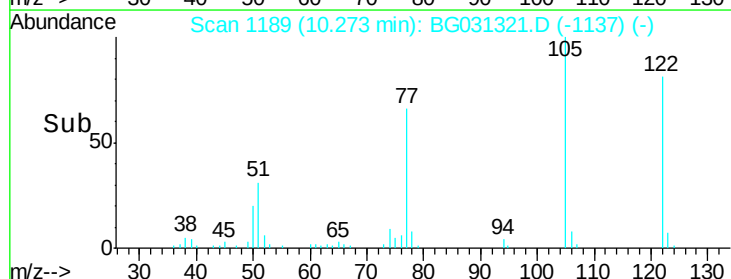
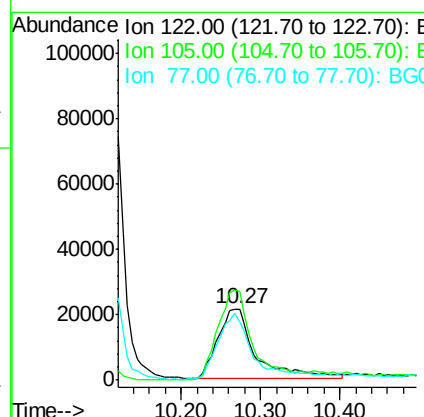
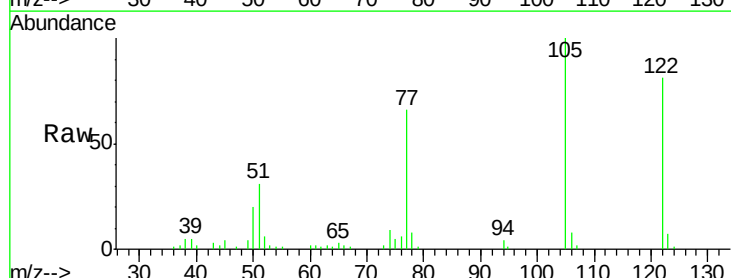
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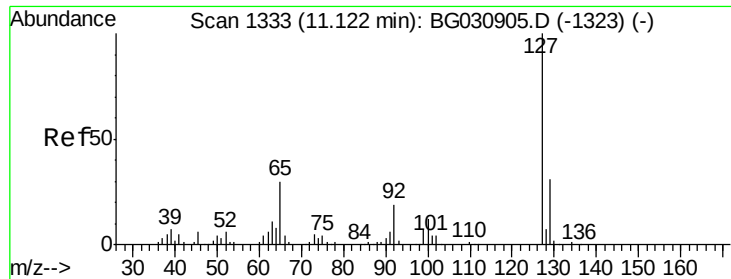
Sohil
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#32
Benzoic acid
Concen: 23.67 ng
RT: 10.27 min Scan# 1189
Delta R.T. 0.01 min
Lab File: BG031321.D
Acq: 1 Dec 2017 17:09

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	71267		
105	123.6		123.5	163.5
77	81.1		85.7	125.7#





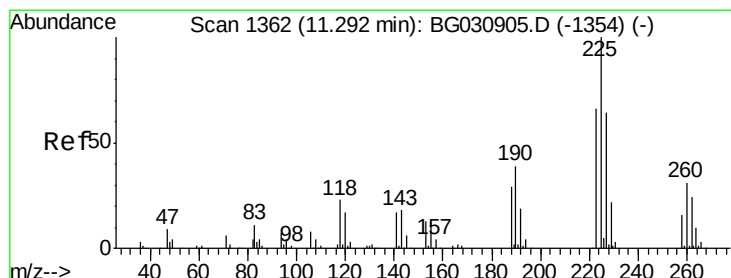
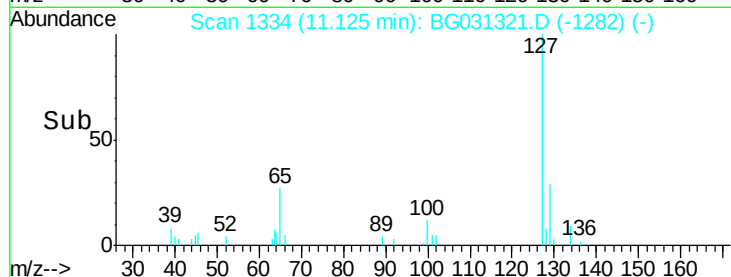
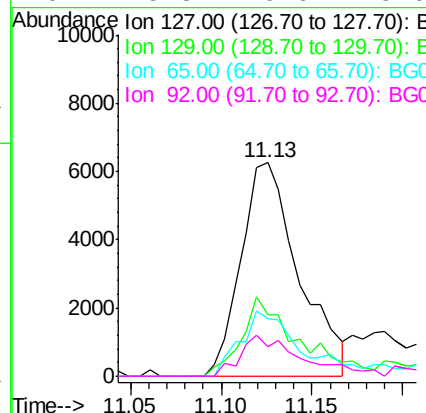
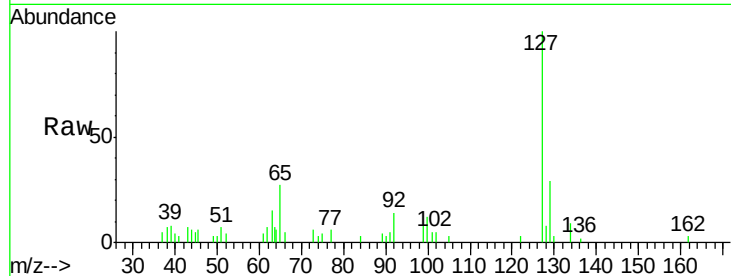
#33
4-Chloroaniline
Concen: 2.06 ng
RT: 11.13 min Scan# 1334
Delta R.T. 0.01 min
Lab File: BG031321.D
Acq: 1 Dec 2017 17:09

Instrument :
BNA_G
ClientSampleId :
SU-03-112917MSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	28.5	24.0	36.0
65	27.3	27.0	40.4
92	13.8	16.6	25.0

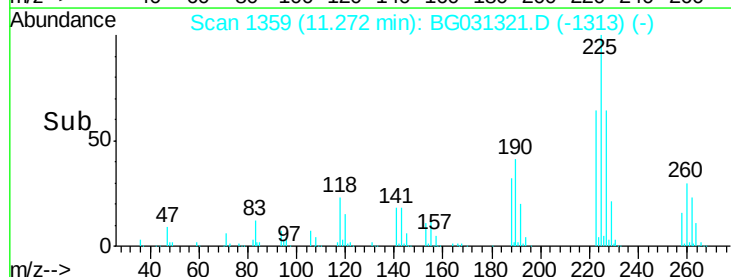
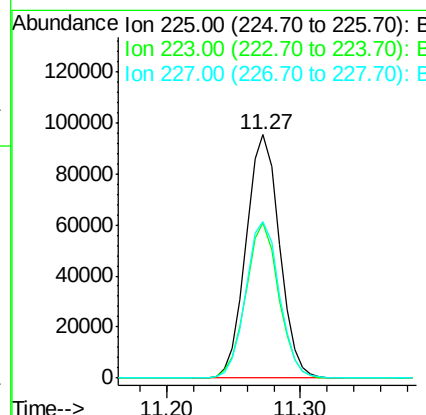
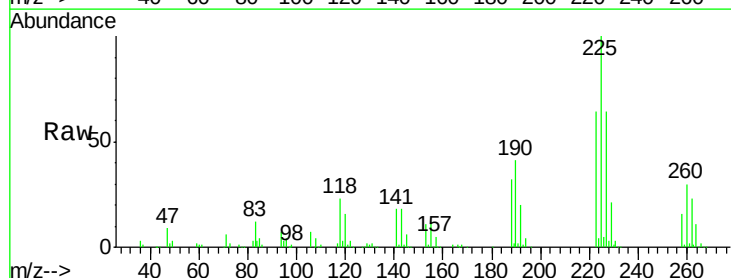
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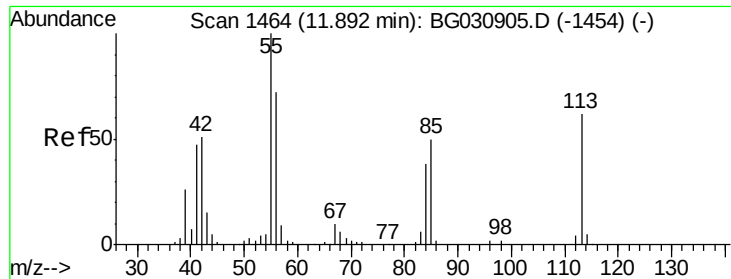
Sohil
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#34
Hexachlorobutadiene
Concen: 39.51 ng
RT: 11.27 min Scan# 1359
Delta R.T. -0.03 min
Lab File: BG031321.D
Acq: 1 Dec 2017 17:09

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.9	49.7	74.5
227	64.2	48.1	72.1





#35

Caprolactam

Concen: 29.66 ng/ml

RT: 11.88 min Scan# 1462

Delta R.T. -0.01 min

Lab File: BG031321.D

Acq: 1 Dec 2017 17:09

Instrument :

BNA_G

ClientSampleId :

SU-03-112917MSD

Tot Ion:113 Resp: 60976

Ion Ratio Lower Upper

113 100

55 149.2 186.9 226.9#

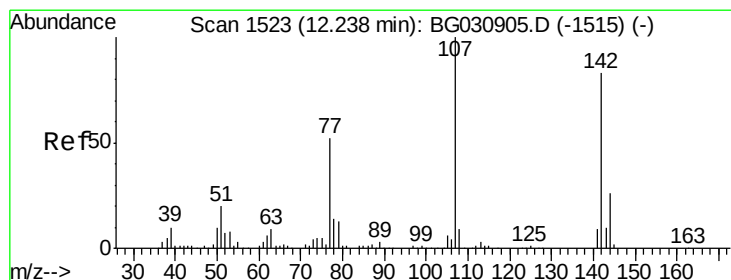
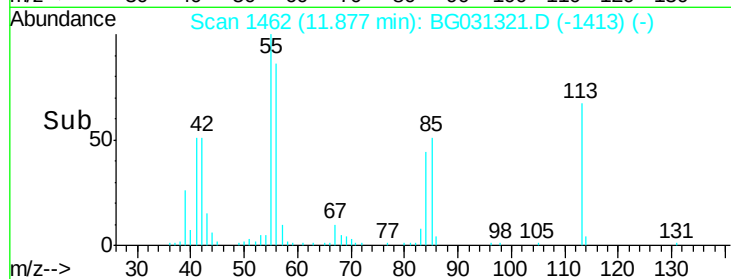
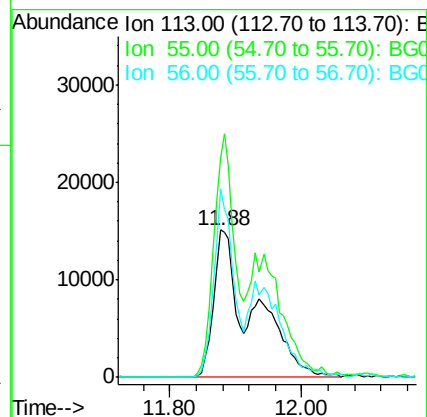
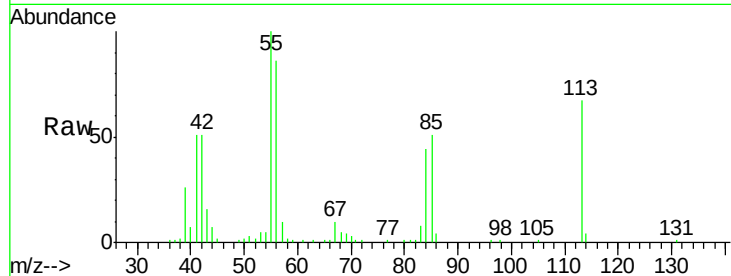
56 127.9 130.9 170.9#

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#36

4-Chloro-3-methylphenol

Concen: 41.07 ng/ml

RT: 12.22 min Scan# 1521

Delta R.T. -0.01 min

Lab File: BG031321.D

Acq: 1 Dec 2017 17:09

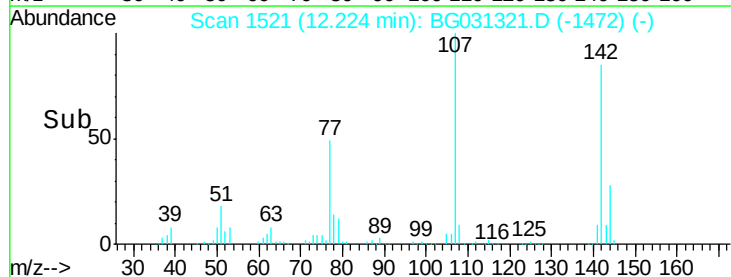
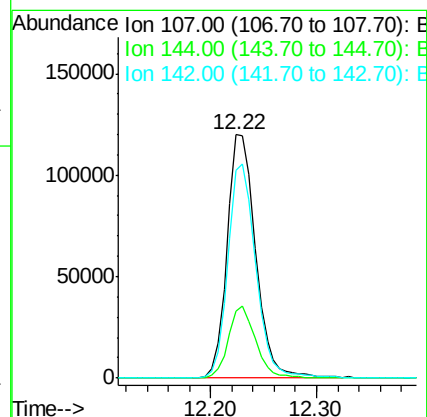
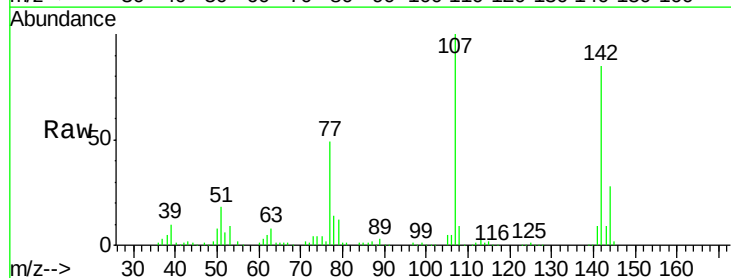
Tgt Ion:107 Resp: 224935

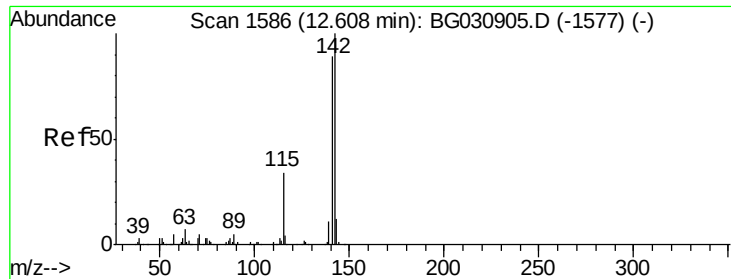
Ion Ratio Lower Upper

107 100

144 27.7 18.2 27.4#

142 85.3 59.0 88.4





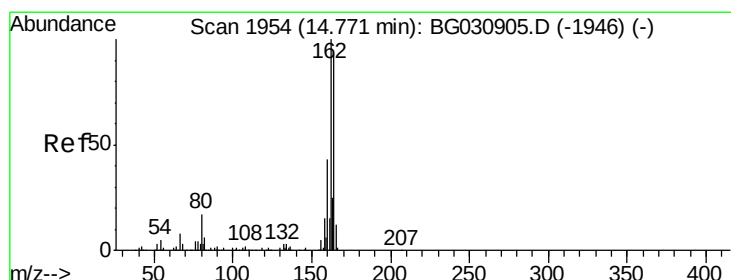
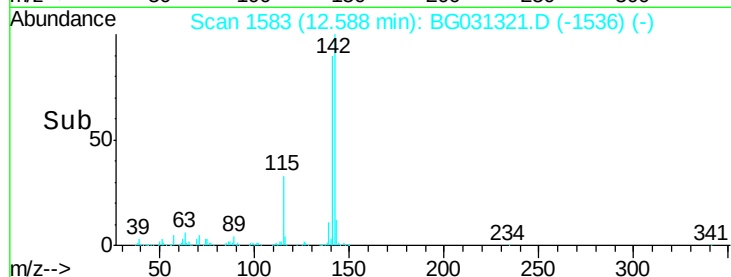
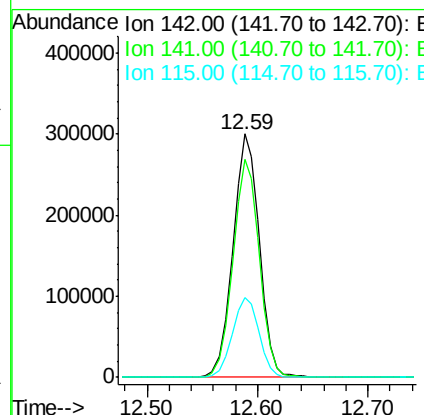
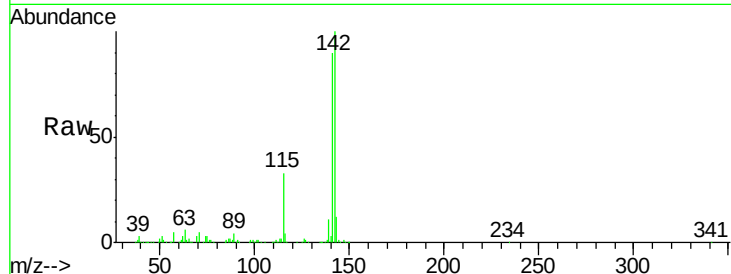
#37
2-Methylnaphthalene
Concen: 42.04 ng
RT: 12.59 min Scan# 1583
Delta R.T. -0.02 min
Lab File: BG031321.D
Acq: 1 Dec 2017 17:09

Instrument :
BNA_G
ClientSampleId :
SU-03-112917MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.6	67.1	100.7
115	32.8	30.7	46.1

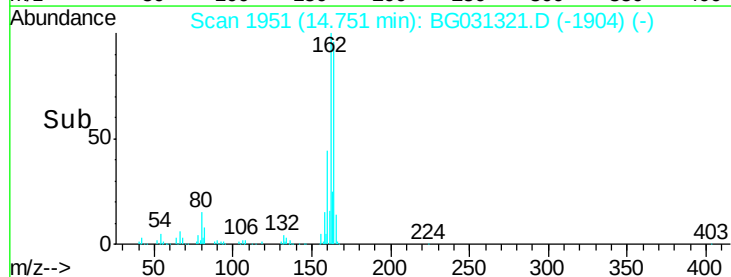
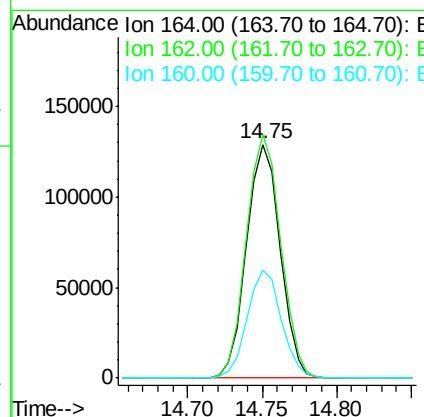
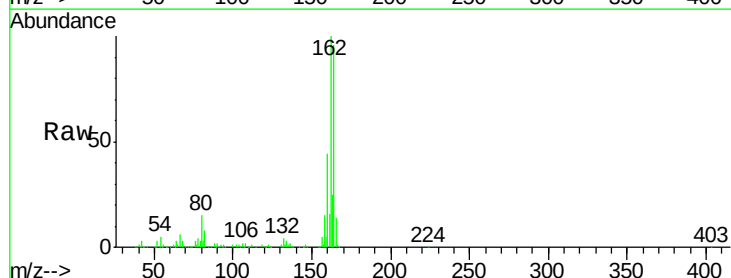
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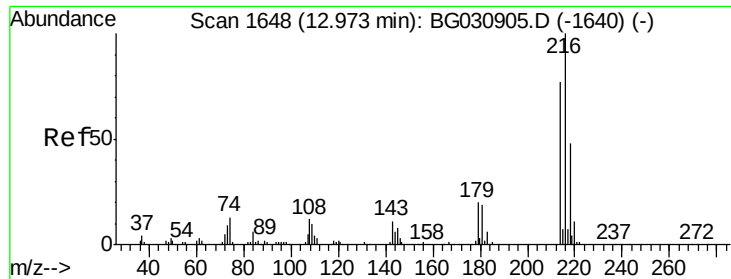
Sohil
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.75 min Scan# 1951
Delta R.T. -0.02 min
Lab File: BG031321.D
Acq: 1 Dec 2017 17:09

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.2	78.8	118.2
160	46.1	35.4	53.0





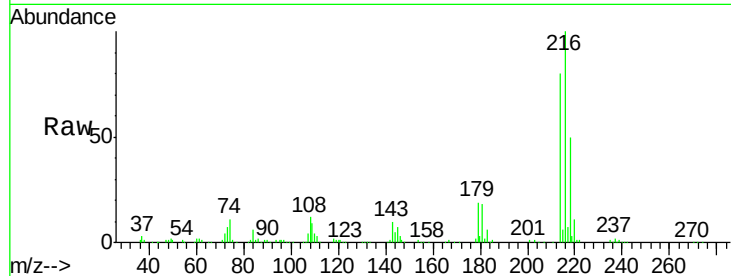
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.64 ng
 RT: 12.96 min Scan# 1646
 Delta R.T. -0.02 min
 Lab File: BG031321.D
 Acq: 1 Dec 2017 17:09

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-112917MSD

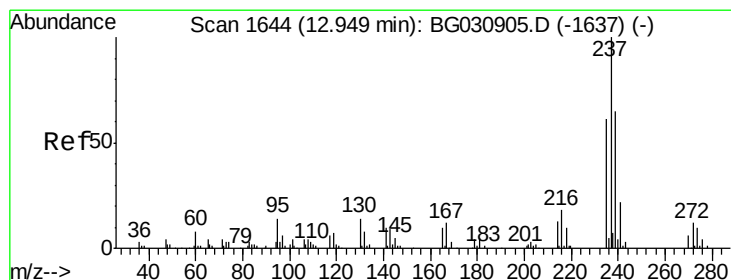
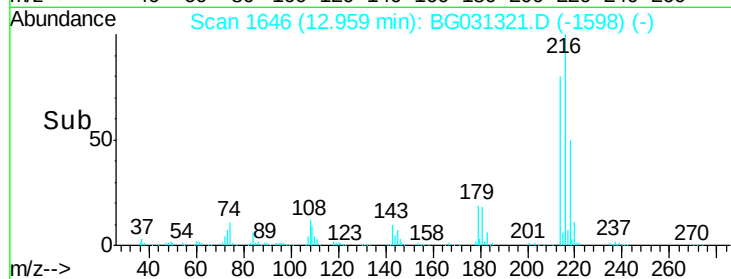
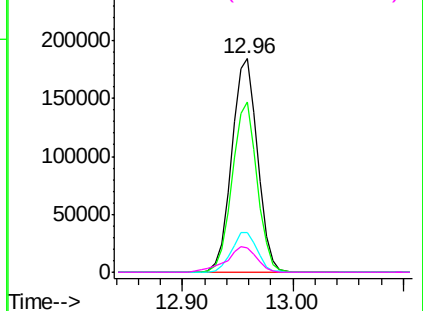
Tot Ion	Ratio	Lower	Upper
216	100		
214	77.5	63.0	94.4
179	18.7	17.0	25.6
108	14.0	12.8	19.2

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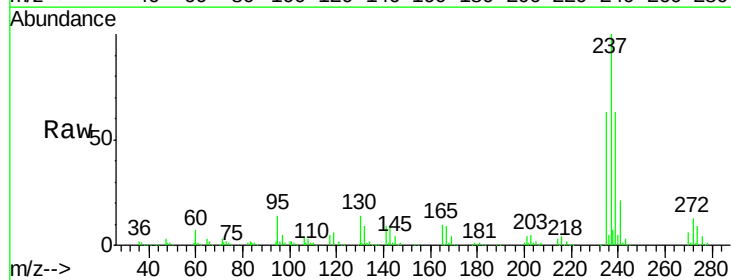


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

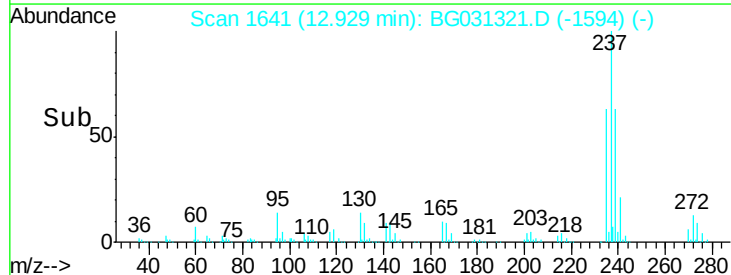
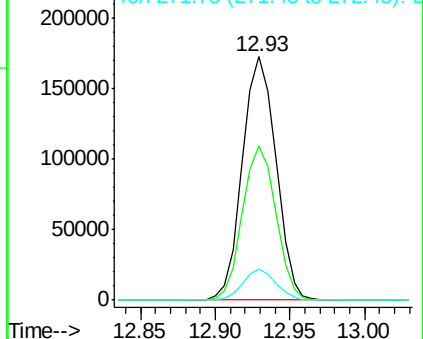


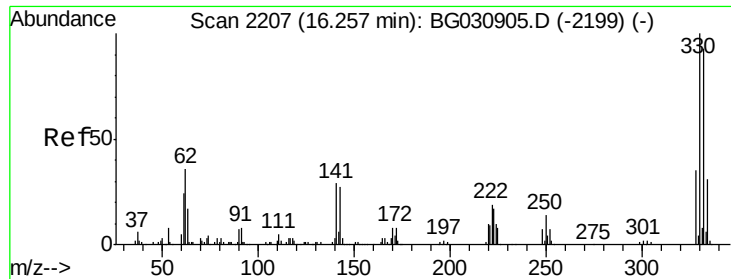
#40
 Hexachlorocyclopentadiene
 Concen: 89.46 ng
 RT: 12.93 min Scan# 1641
 Delta R.T. -0.02 min
 Lab File: BG031321.D
 Acq: 1 Dec 2017 17:09

Tgt Ion	Ratio	Lower	Upper
237	100		
235	63.4	50.4	90.4
272	12.7	0.0	31.8



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





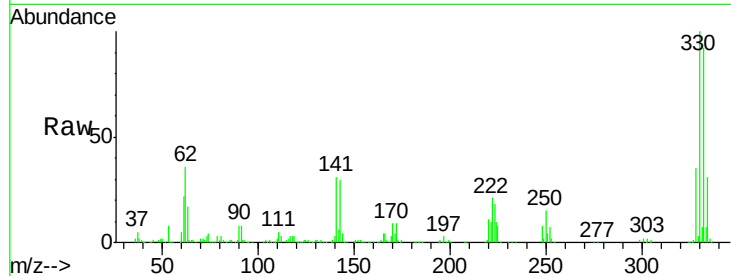
#41
 2,4,6-Tribromophenol
 Concen: 108.88 ng
 RT: 16.24 min Scan# 2205
 Delta R.T. -0.01 min
 Lab File: BG031321.D
 Acq: 1 Dec 2017 17:09

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-112917MSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	94.4	77.0	115.6	
141	34.0	25.2	37.8	

Manual Integrations
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 12/4/2017 12:00:07 PM

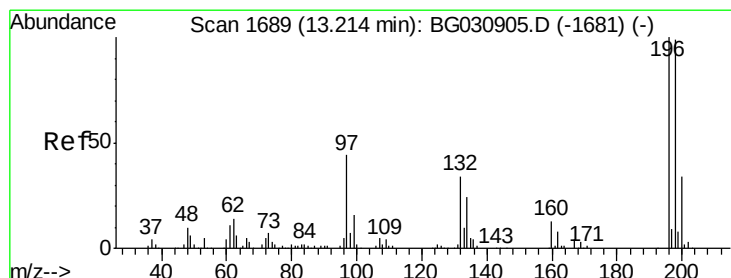
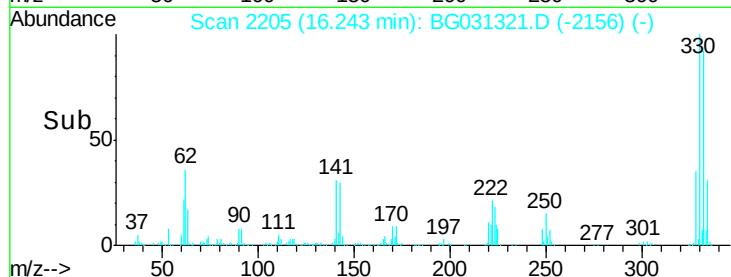
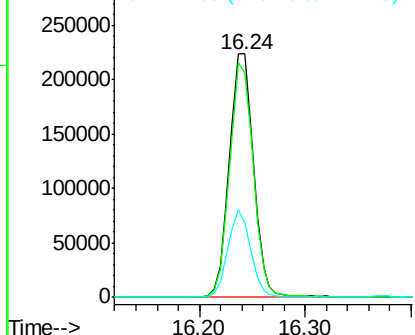


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 44.42 ng
 RT: 13.19 min Scan# 1686
 Delta R.T. -0.02 min
 Lab File: BG031321.D
 Acq: 1 Dec 2017 17:09

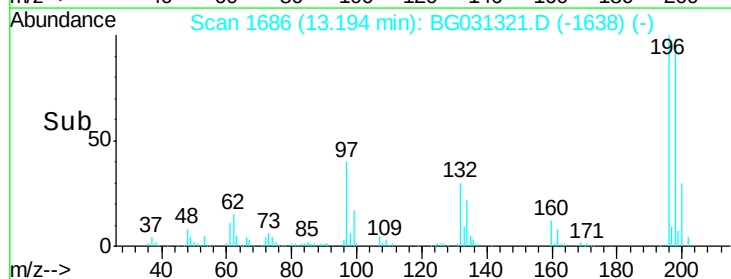
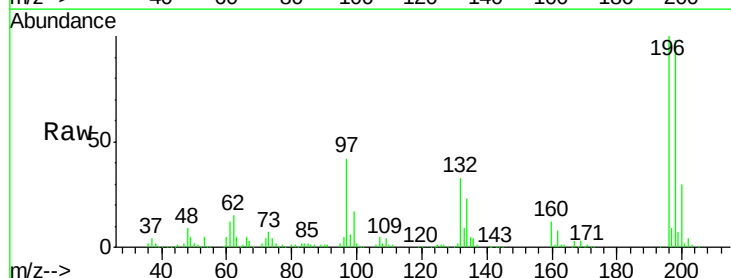
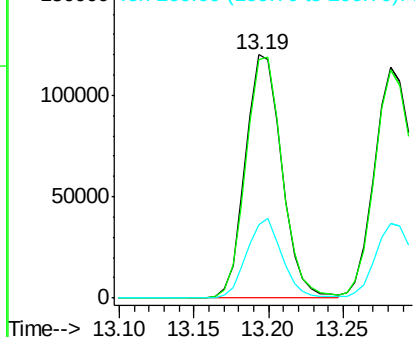
Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	97.7	78.2	117.2	
200	29.9	24.6	36.8	

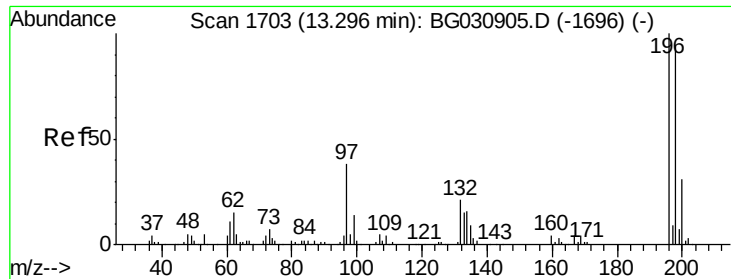
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





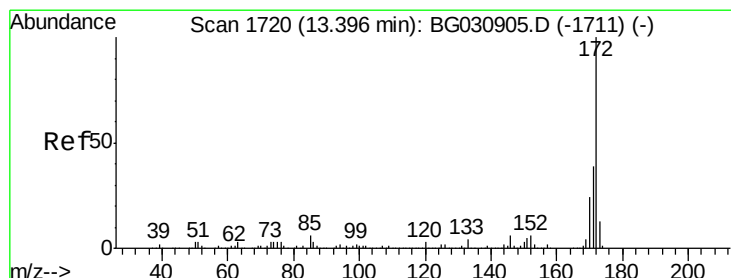
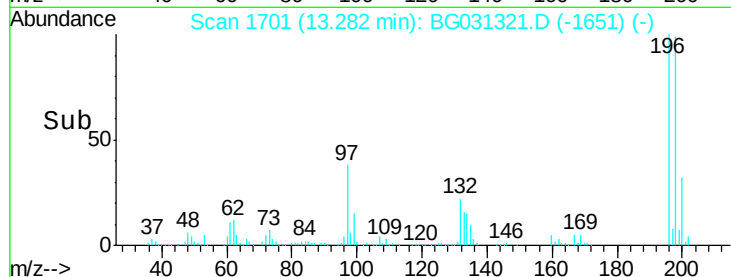
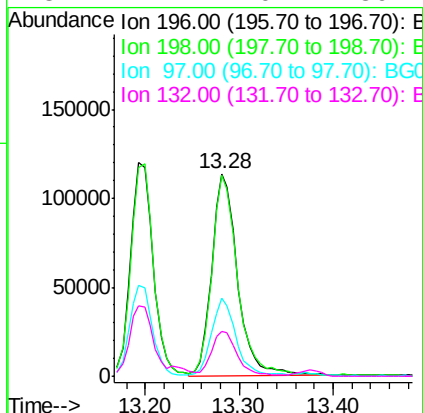
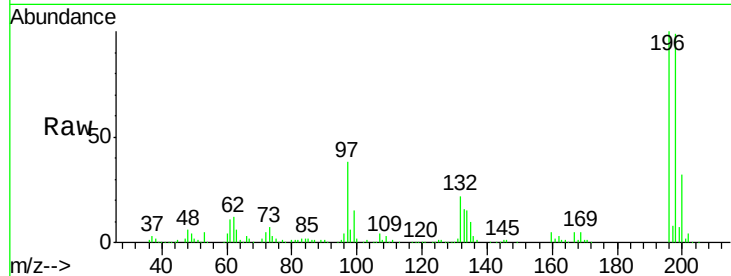
#43
 2,4,5-Trichlorophenol
 Concen: 43.29 ng
 RT: 13.28 min Scan# 1701
 Delta R.T. -0.01 min
 Lab File: BG031321.D
 Acq: 1 Dec 2017 17:09

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-112917MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	216603		
198	98.9	76.2	114.4	
97	38.4	38.7	58.1#	
132	22.1	20.2	30.2	

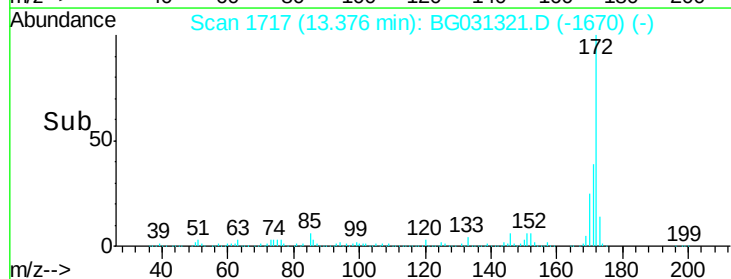
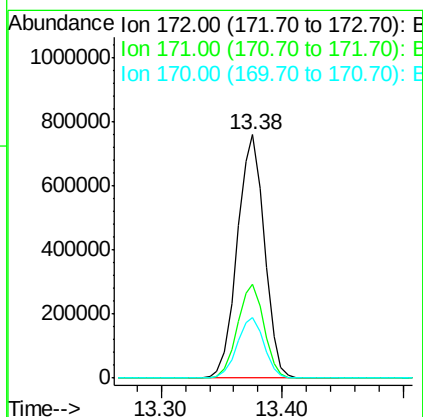
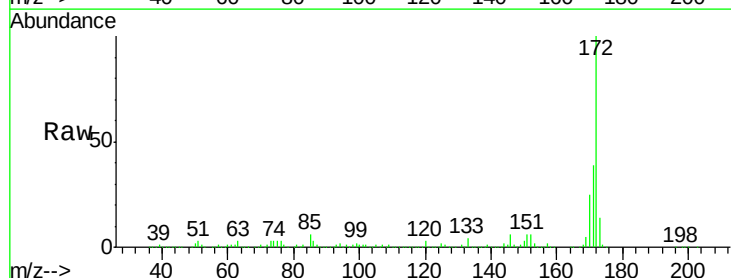
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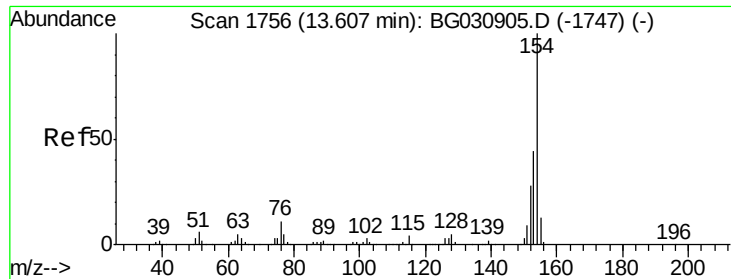
Sohil
 12/4/2017 12:00:07 PM



#44
 2-Fluorobiphenyl
 Concen: 84.65 ng
 RT: 13.38 min Scan# 1717
 Delta R.T. -0.02 min
 Lab File: BG031321.D
 Acq: 1 Dec 2017 17:09

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1187239		
171	38.6	30.0	45.0	
170	25.0	19.5	29.3	





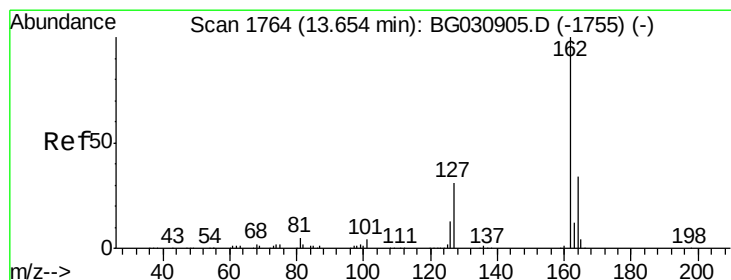
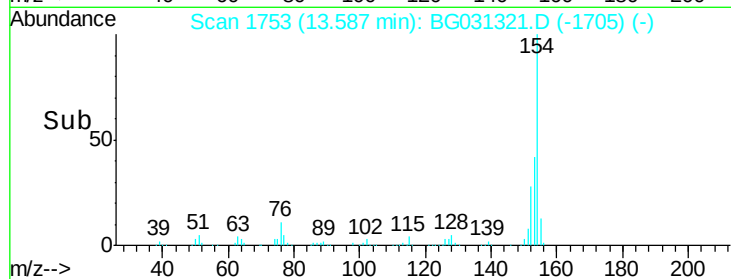
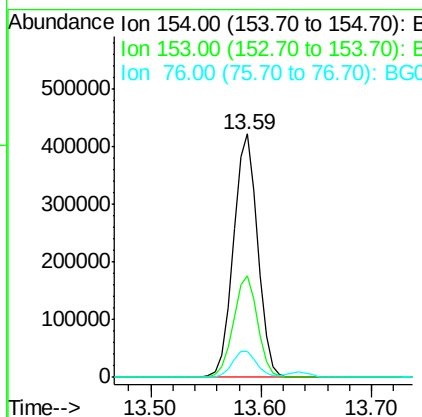
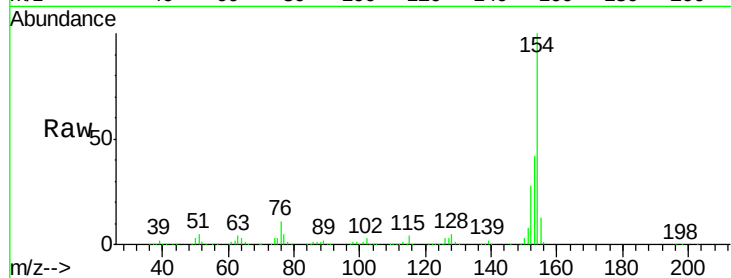
#45
 1,1'-Biphenyl
 Concen: 38.70 ng
 RT: 13.59 min Scan# 1753
 Delta R.T. -0.02 min
 Lab File: BG031321.D
 Acq: 1 Dec 2017 17:09

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-112917MSD

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	42.0	19.8	59.8	
76	10.9	0.0	31.9	

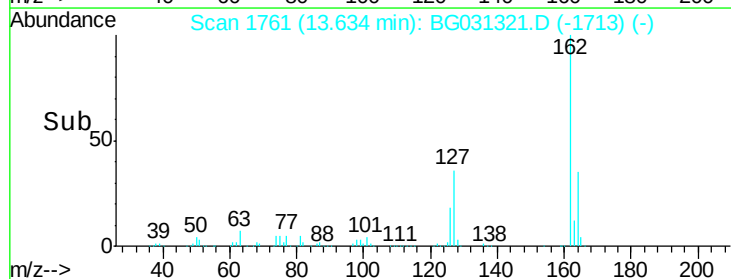
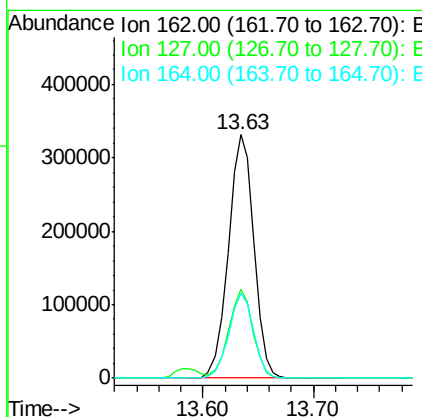
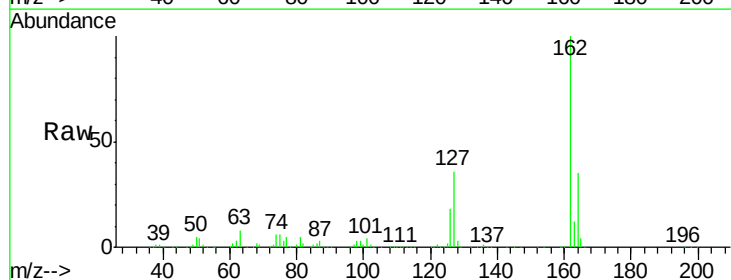
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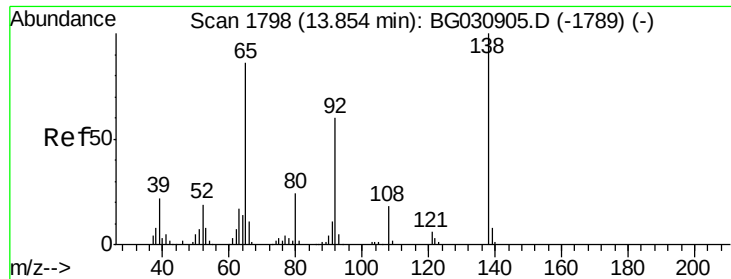
Sohil
 12/4/2017 12:00:07 PM



#46
 2-Chloronaphthalene
 Concen: 44.26 ng
 RT: 13.63 min Scan# 1761
 Delta R.T. -0.02 min
 Lab File: BG031321.D
 Acq: 1 Dec 2017 17:09

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	36.3	30.7	46.1	
164	34.7	26.0	39.0	





#47

2-Nitroaniline

Concen: 40.62 ng

RT: 13.84 min Scan# 1796

Delta R.T. -0.01 min

Lab File: BG031321.D

Acq: 1 Dec 2017 17:09

Instrument :

BNA_G

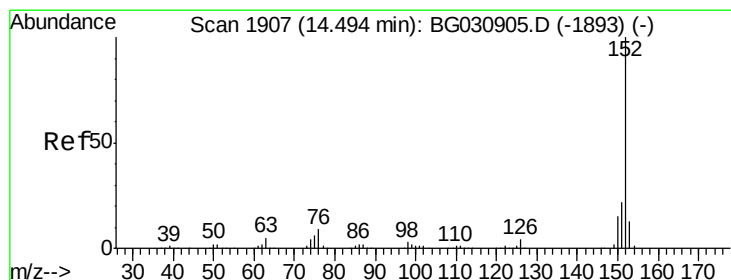
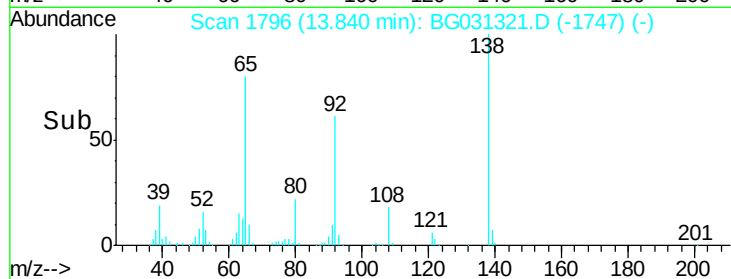
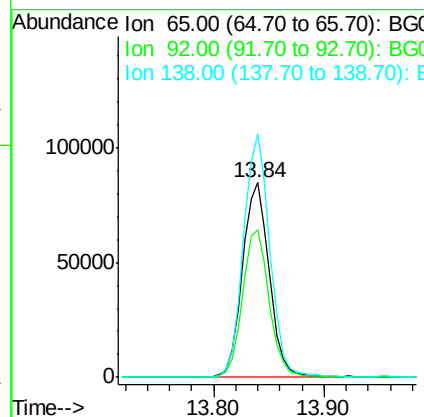
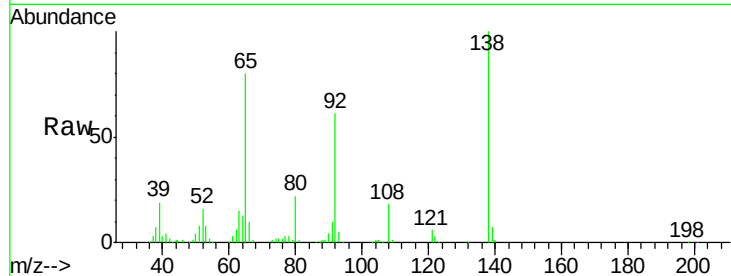
ClientSampleId :

SU-03-112917MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	75.9	54.6	82.0
138	124.9	72.9	109.3

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#48

Acenaphthylene

Concen: 41.02 ng

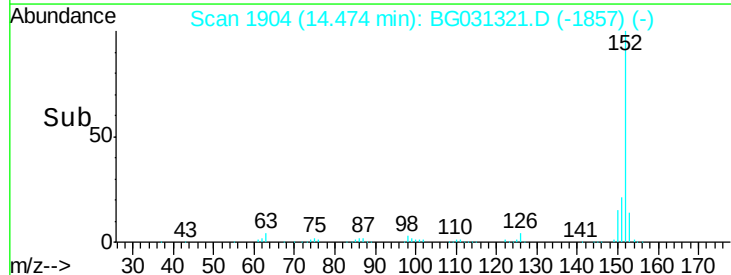
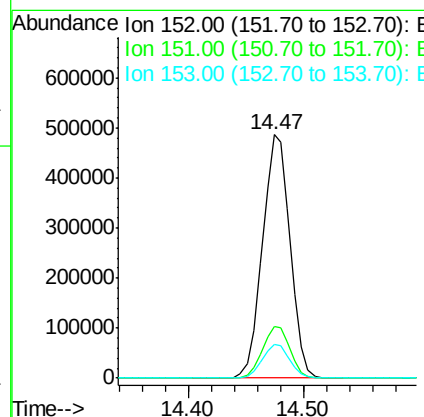
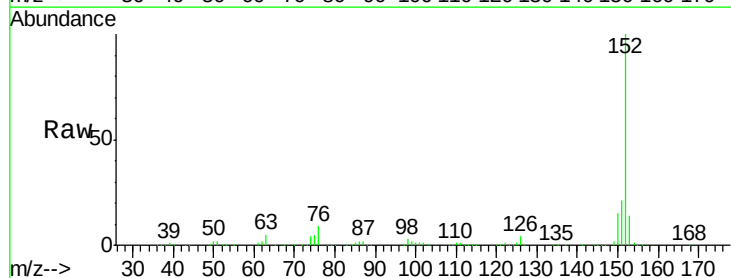
RT: 14.47 min Scan# 1904

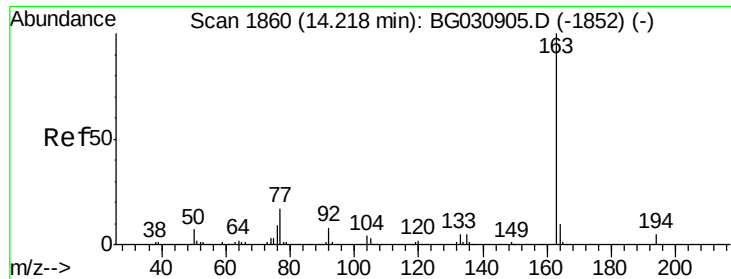
Delta R.T. -0.02 min

Lab File: BG031321.D

Acq: 1 Dec 2017 17:09

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.0	17.2	25.8
153	14.1	10.2	15.4





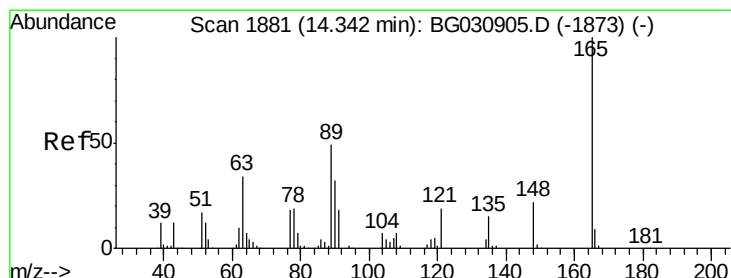
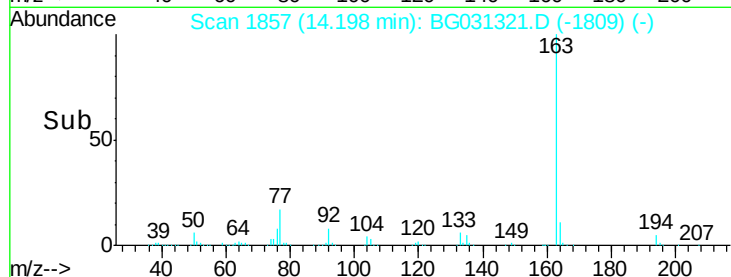
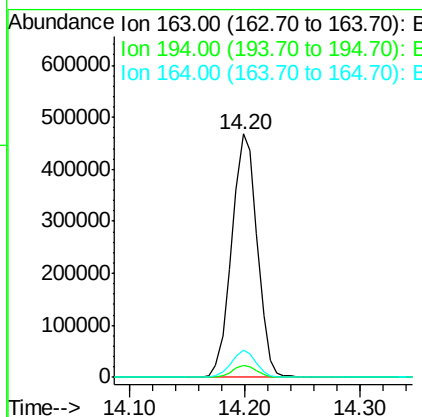
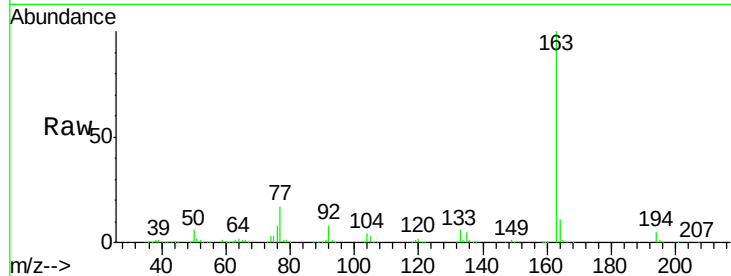
#49
Dimethylphthalate
Concen: 41.15 ng
RT: 14.20 min Scan# 1857
Delta R.T. -0.02 min
Lab File: BG031321.D
Acq: 1 Dec 2017 17:09

Instrument :
BNA_G
ClientSampleId :
SU-03-112917MSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	717096		
194	4.8		3.4	5.2
164	11.1		8.2	12.4

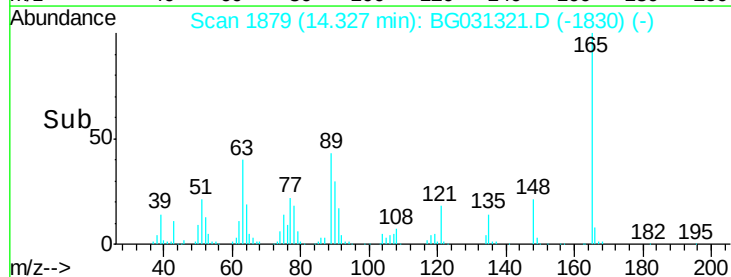
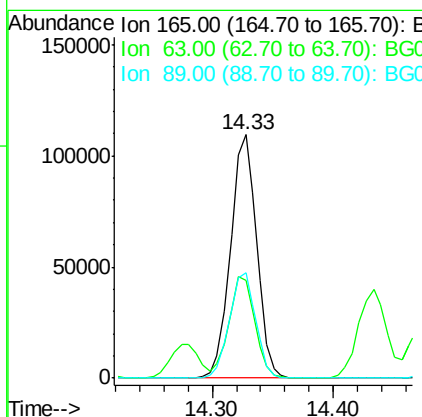
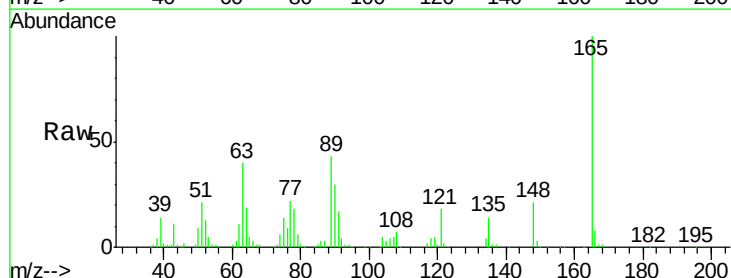
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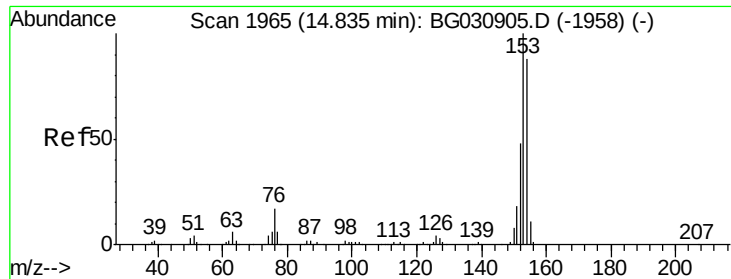
Sohil
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#50
2,6-Dinitrotoluene
Concen: 45.94 ng
RT: 14.33 min Scan# 1879
Delta R.T. -0.01 min
Lab File: BG031321.D
Acq: 1 Dec 2017 17:09

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	165016		
63	40.3		52.7	79.1#
89	43.3		49.2	73.8#





#51

Acenaphthene

Concen: 41.49 ng

RT: 14.82 min Scan# 1962

Delta R.T. -0.02 min

Lab File: BG031321.D

Acq: 1 Dec 2017 17:09

Instrument :

BNA_G

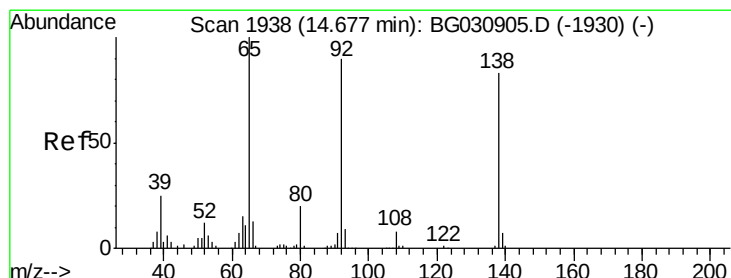
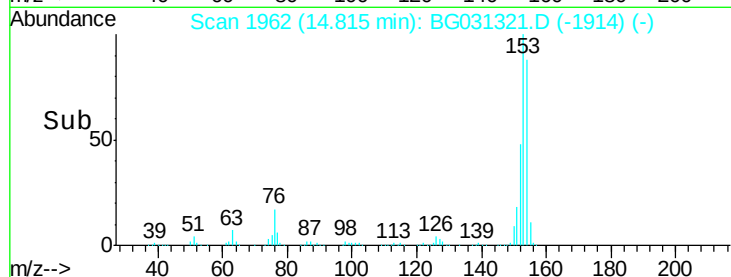
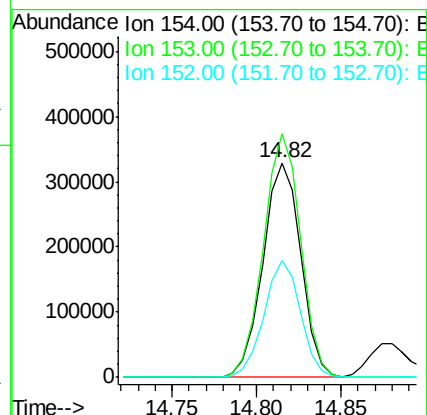
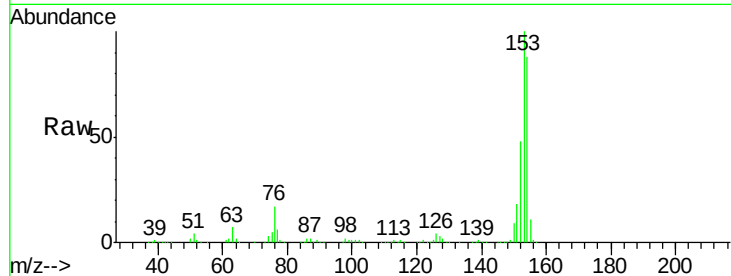
ClientSampleId :

SU-03-112917MSD

Tot Ion:	154	Resp:	511353
Ion Ratio	Lower	Upper	
154	100		
153	113.4	90.4	135.6
152	54.2	41.6	62.4

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#52

3-Nitroaniline

Concen: 10.93 ng

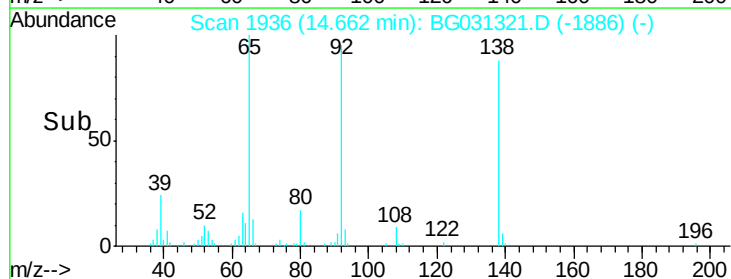
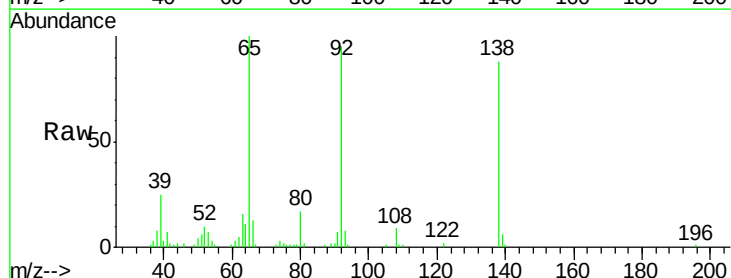
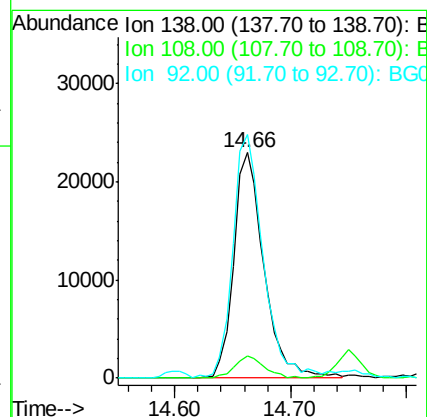
RT: 14.66 min Scan# 1936

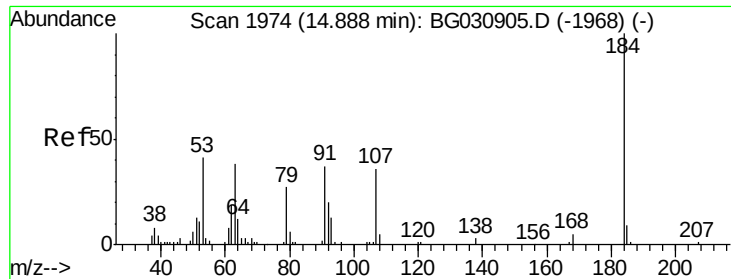
Delta R.T. -0.01 min

Lab File: BG031321.D

Acq: 1 Dec 2017 17:09

Tgt Ion:	138	Resp:	41666
Ion Ratio	Lower	Upper	
138	100		
108	10.0	17.5	26.3#
92	108.0	105.8	158.8





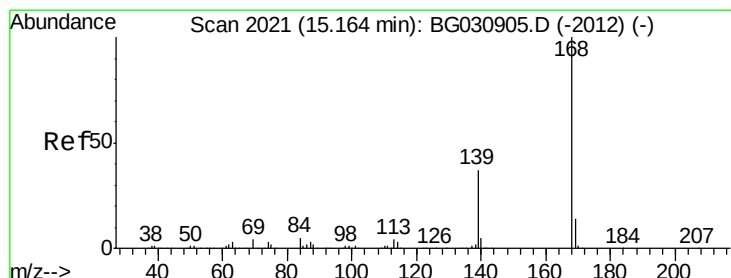
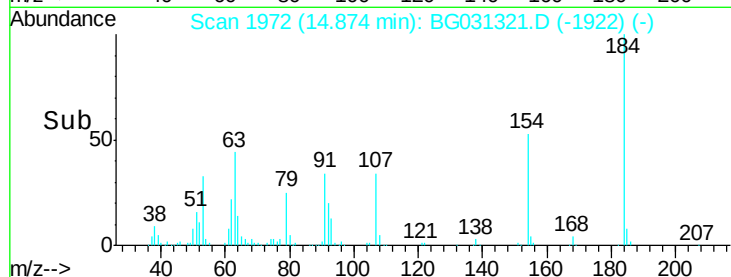
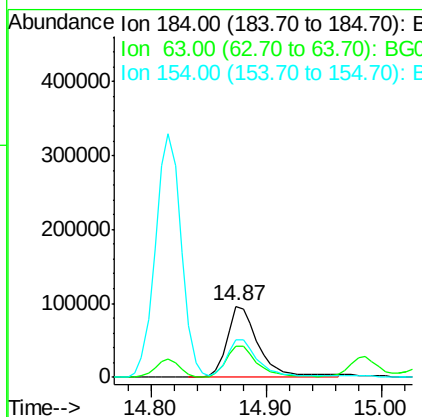
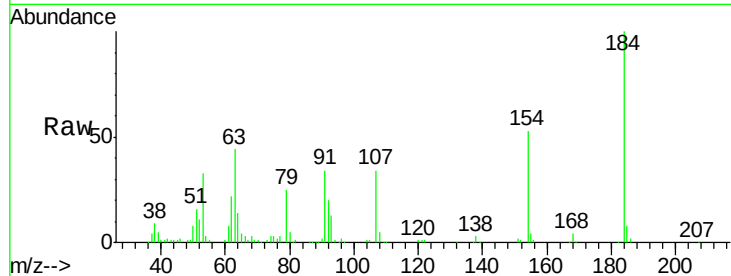
#53
 2,4-Dinitrophenol
 Concen: 91.32 ng
 RT: 14.87 min Scan# 1972
 Delta R.T. -0.01 min
 Lab File: BG031321.D
 Acq: 1 Dec 2017 17:09

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-112917MSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	44.2	59.8	89.8#
154	52.7	101.8	152.8#

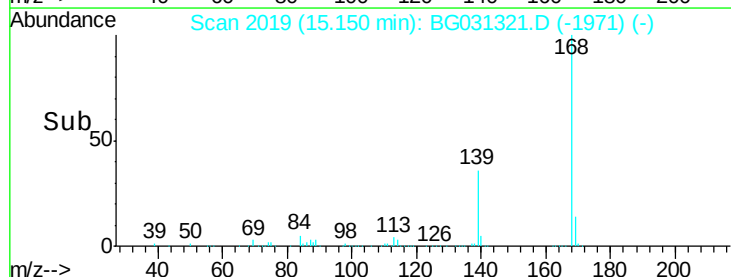
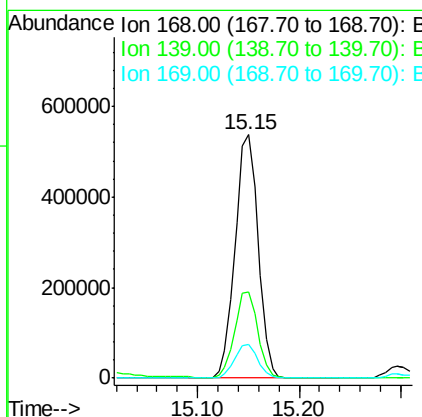
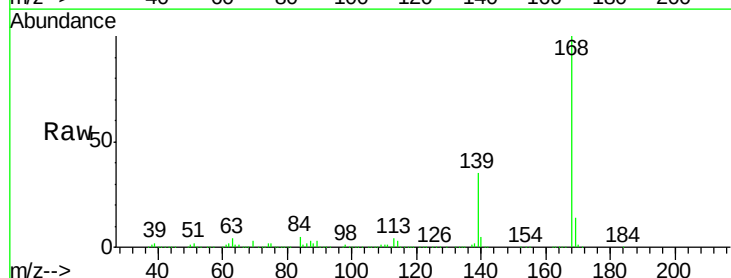
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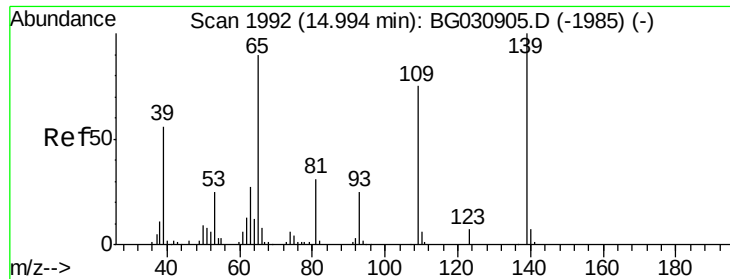
Sohil
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#54
 Dibenzofuran
 Concen: 43.28 ng
 RT: 15.15 min Scan# 2019
 Delta R.T. -0.02 min
 Lab File: BG031321.D
 Acq: 1 Dec 2017 17:09

Tgt Ion	Ratio	Lower	Upper
168	100		
139	35.5	28.6	43.0
169	13.7	11.2	16.8





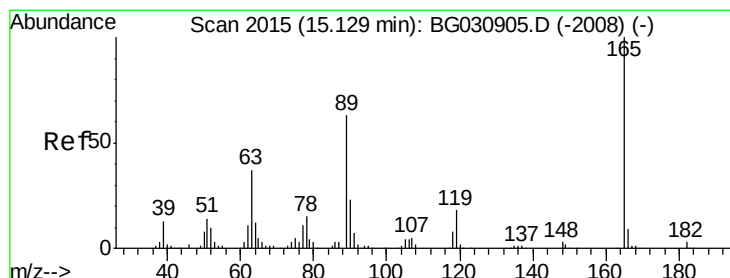
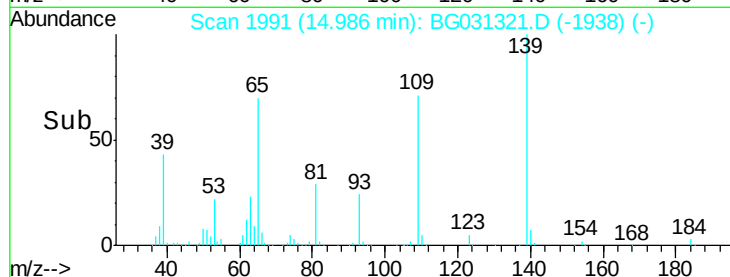
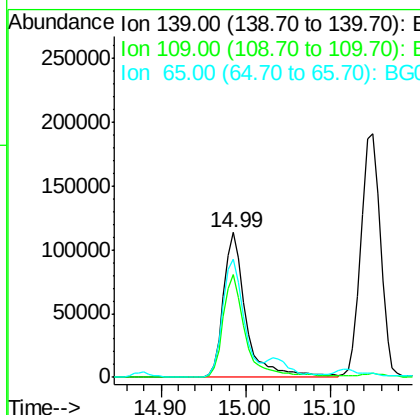
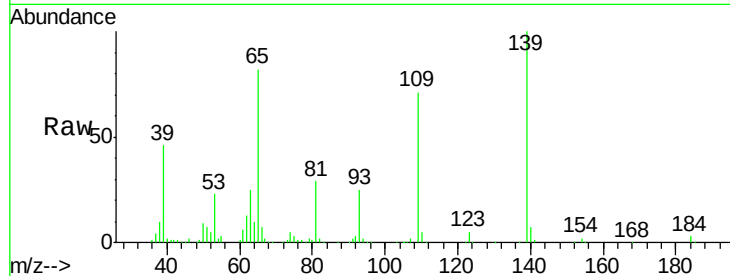
#55
4-Nitrophenol
Concen: 77.81 ng
RT: 14.99 min Scan# 1991
Delta R.T. 0.01 min
Lab File: BG031321.D
Acq: 1 Dec 2017 17:09

Instrument :
BNA_G
ClientSampleId :
SU-03-112917MSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	211392		
109	70.7	62.2	102.2	
65	82.0	97.2	137.2#	

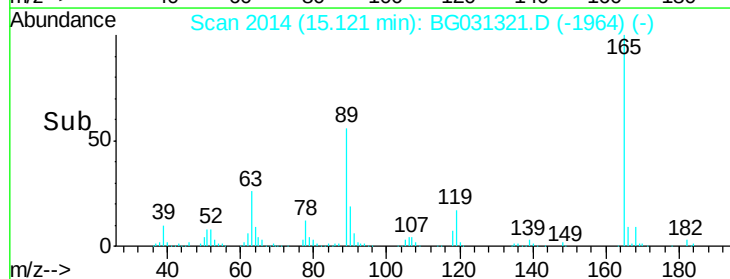
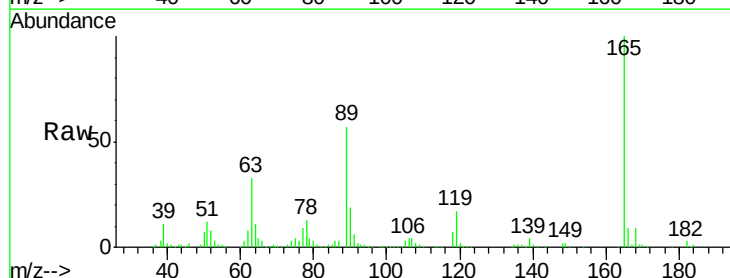
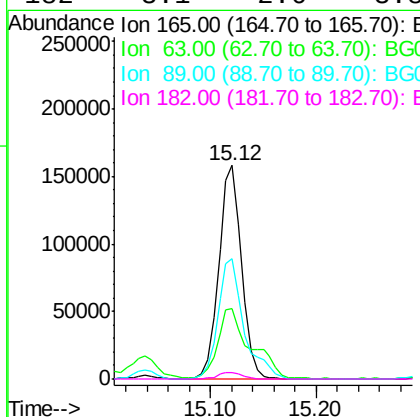
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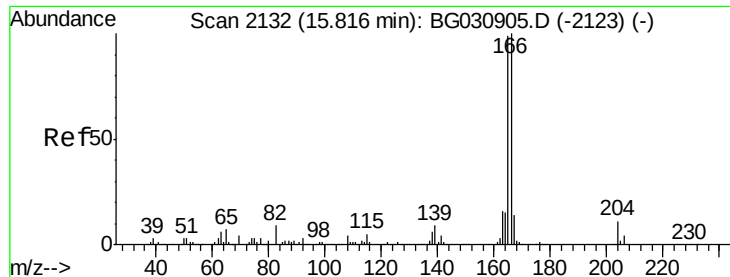
Sohil
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#56
2,4-Dinitrotoluene
Concen: 45.58 ng
RT: 15.12 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BG031321.D
Acq: 1 Dec 2017 17:09

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	236651		
63	32.7	42.0	63.0#	
89	56.6	66.9	100.3#	
182	3.1	2.6	3.8	





#57

Fluorene

Concen: 42.26 ng

RT: 15.80 min Scan# 2129

Delta R.T. -0.02 min

Lab File: BG031321.D

Acq: 1 Dec 2017 17:09

Instrument :

BNA_G

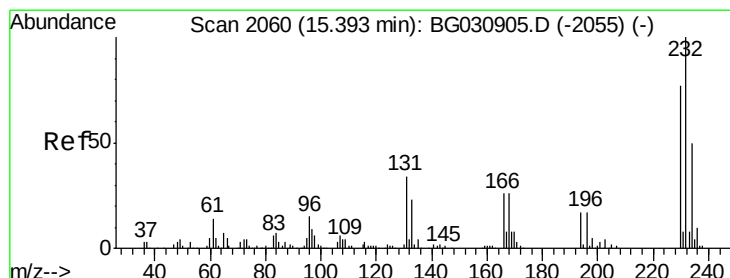
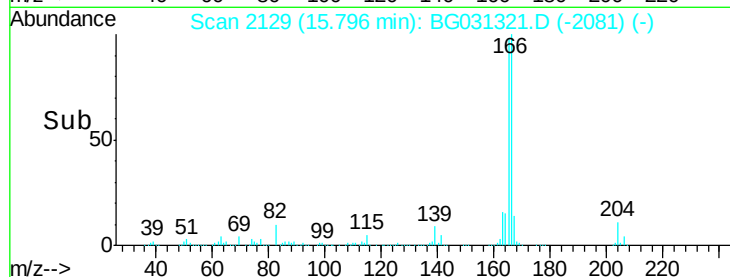
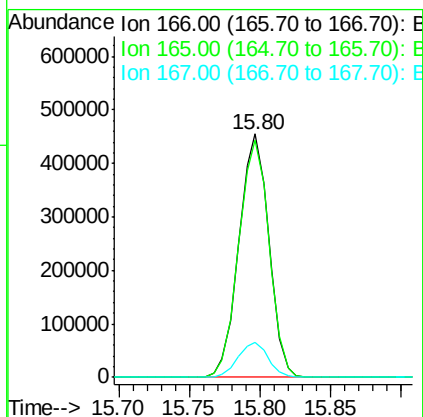
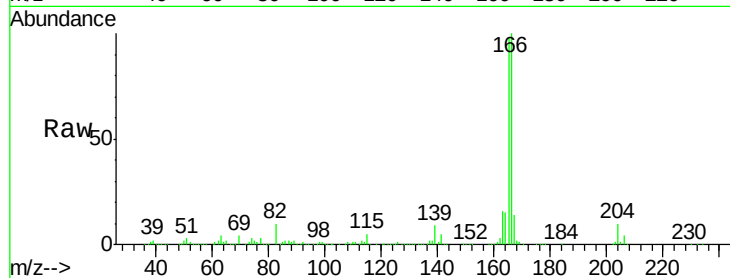
ClientSampleId :

SU-03-112917MSD

Tot Ion:	166	Resp:	673580
Ion Ratio		Lower	Upper
166	100		
165	97.7	80.6	121.0
167	14.5	10.4	15.6

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#58

2,3,4,6-Tetrachlorophenol

Concen: 46.03 ng

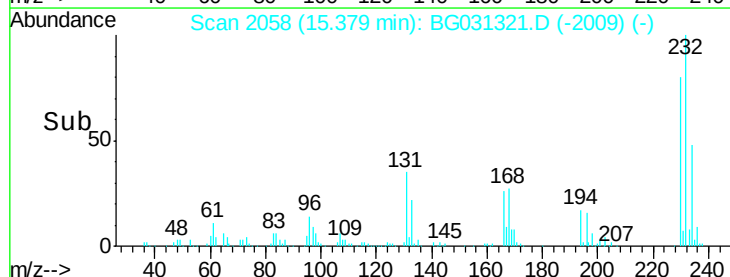
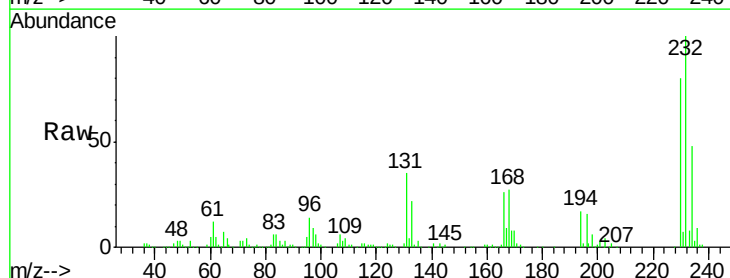
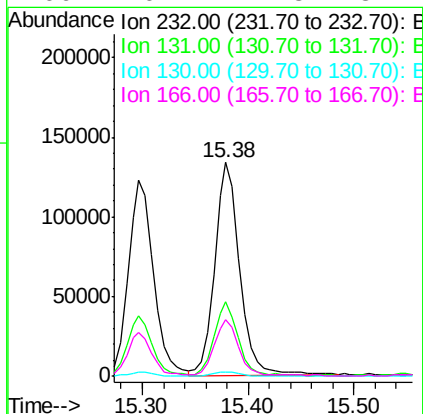
RT: 15.38 min Scan# 2058

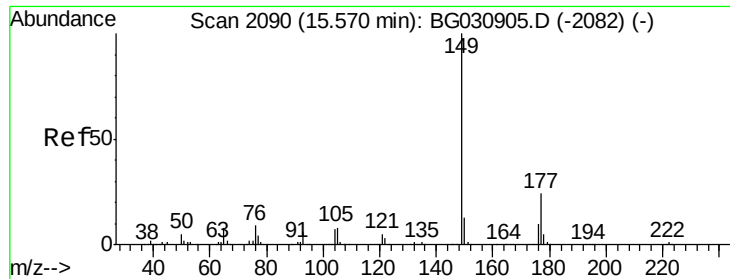
Delta R.T. -0.01 min

Lab File: BG031321.D

Acq: 1 Dec 2017 17:09

Tgt Ion:	232	Resp:	219497
Ion Ratio		Lower	Upper
232	100		
131	33.4	33.5	50.3#
130	1.8	2.2	3.2#
166	26.4	24.8	37.2





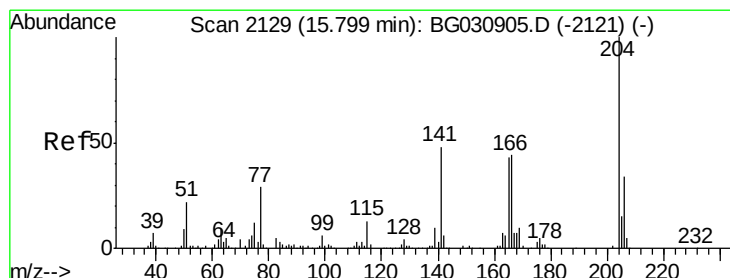
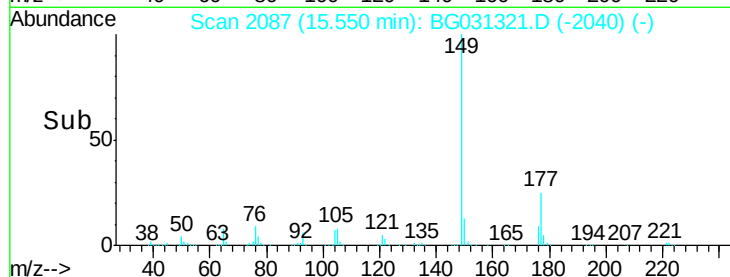
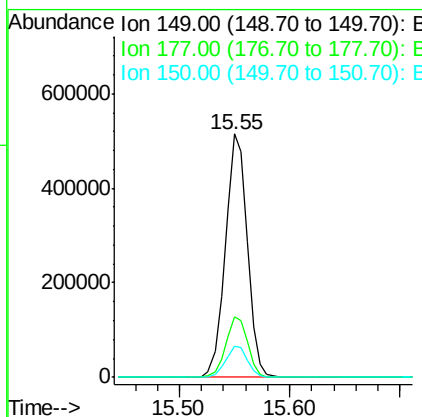
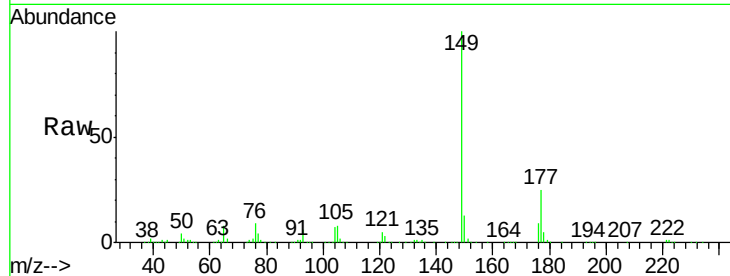
#59
Diethylphthalate
Concen: 40.23 ng
RT: 15.55 min Scan# 2087
Delta R.T. -0.02 min
Lab File: BG031321.D
Acq: 1 Dec 2017 17:09

Instrument :
BNA_G
ClientSampleId :
SU-03-112917MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	712174		
177	24.7	18.5	27.7	
150	12.6	10.2	15.2	

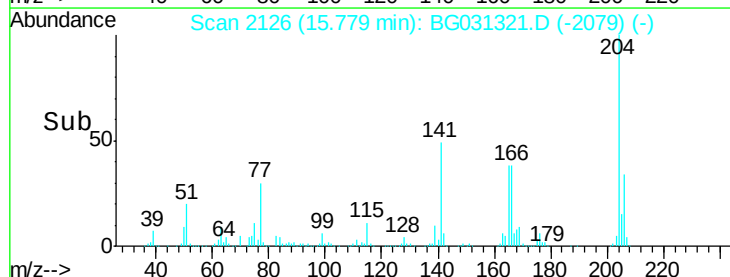
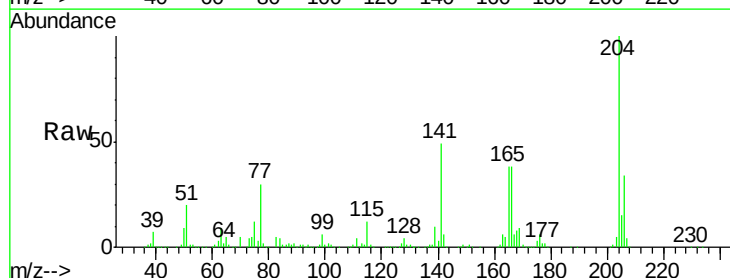
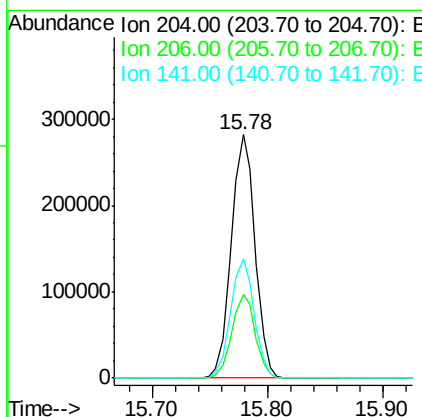
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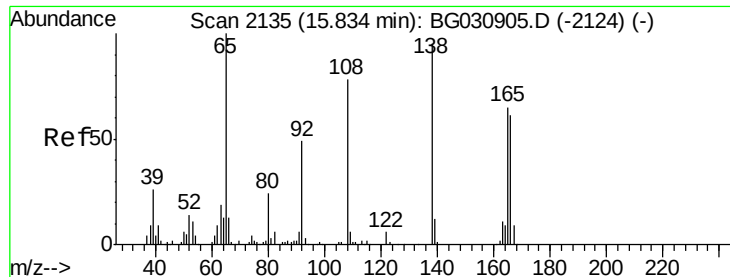
Sohil
12/4/2017 12:00:07 PM



#60
4-Chlorophenyl-phenylether
Concen: 41.55 ng
RT: 15.78 min Scan# 2126
Delta R.T. -0.02 min
Lab File: BG031321.D
Acq: 1 Dec 2017 17:09

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	399950		
206	34.2	26.2	39.2	
141	49.3	45.8	68.6	





#61

4-Nitroaniline

Concen: 38.81 ng

RT: 15.83 min Scan# 2134

Delta R.T. -0.01 min

Lab File: BG031321.D

Acq: 1 Dec 2017 17:09

Instrument :

BNA_G

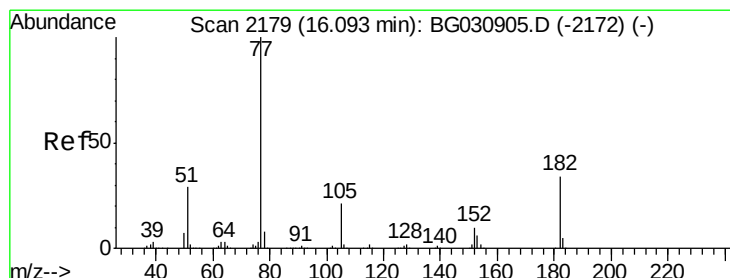
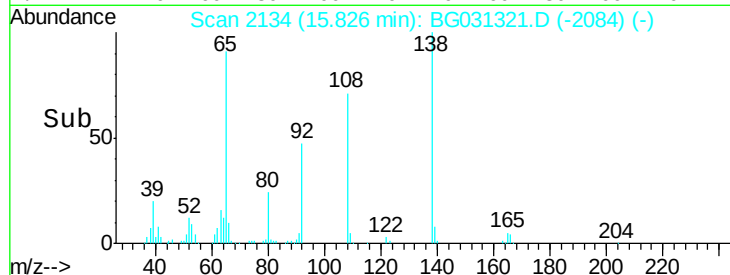
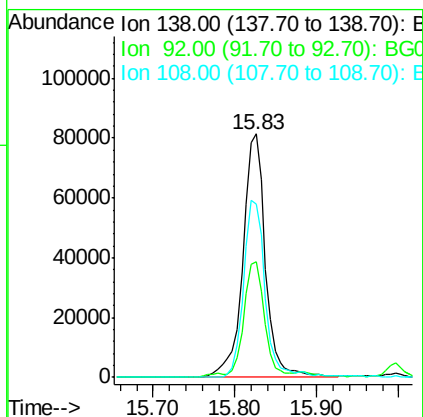
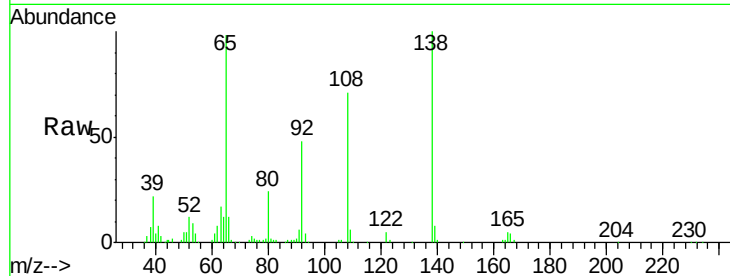
ClientSampleId :

SU-03-112917MSD

Tot Ion:	138	Resp:	156740
Ion Ratio	Lower	Upper	
138	100		
92	47.7	40.1	80.1
108	71.3	65.4	105.4

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#62

Azobenzene

Concen: 41.11 ng

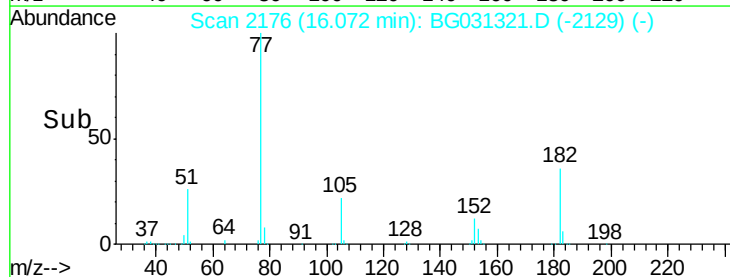
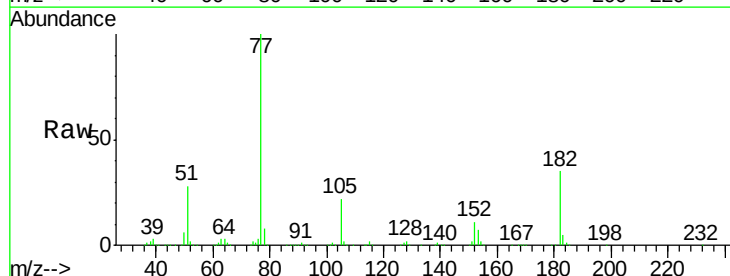
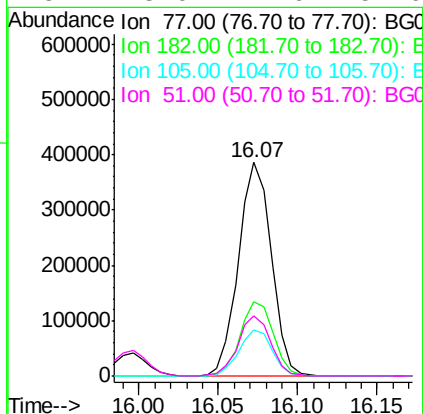
RT: 16.07 min Scan# 2176

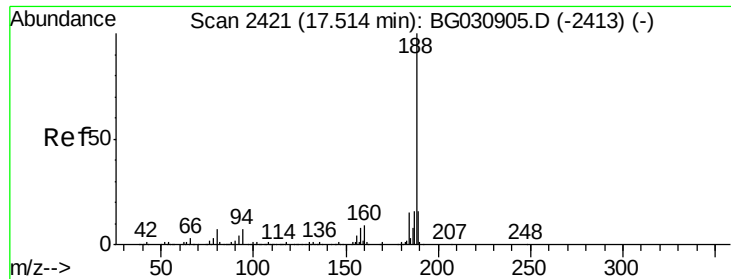
Delta R.T. -0.02 min

Lab File: BG031321.D

Acq: 1 Dec 2017 17:09

Tgt Ion:	77	Resp:	555008
Ion Ratio	Lower	Upper	
77	100		
182	35.0	7.4	47.4
105	21.8	0.3	40.3
51	28.0	11.6	51.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.49 min Scan# 2418

Delta R.T. -0.02 min

Lab File: BG031321.D

Acq: 1 Dec 2017 17:09

Instrument :

BNA_G

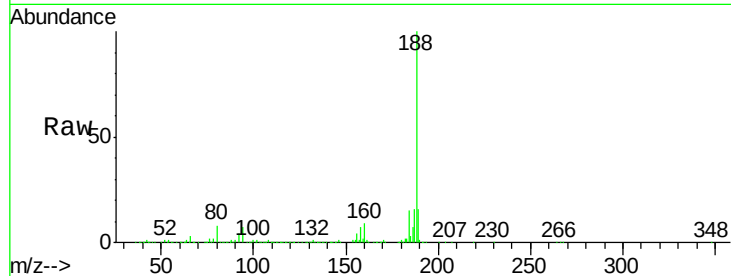
ClientSampleId :

SU-03-112917MSD

Tot Ion:	188	Resp:	518660
Ion Ratio	Lower	Upper	
188	100		
94	7.1	6.9	10.3
80	7.6	7.7	11.5#

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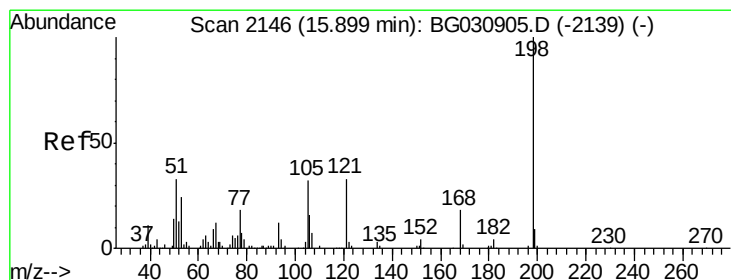
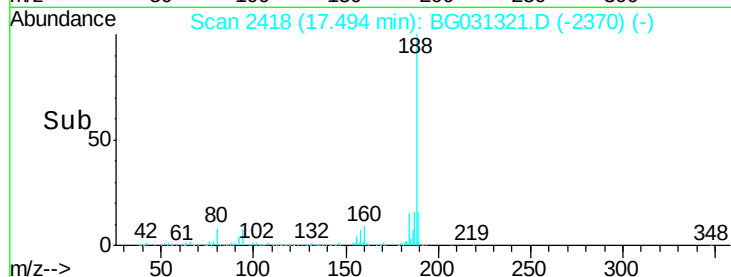
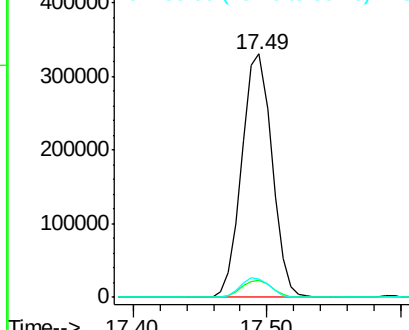
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 38.19 ng

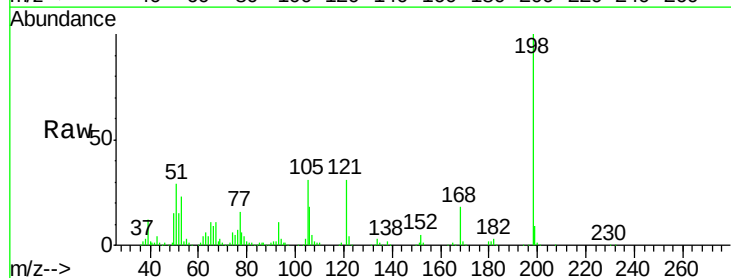
RT: 15.88 min Scan# 2144

Delta R.T. -0.01 min

Lab File: BG031321.D

Acq: 1 Dec 2017 17:09

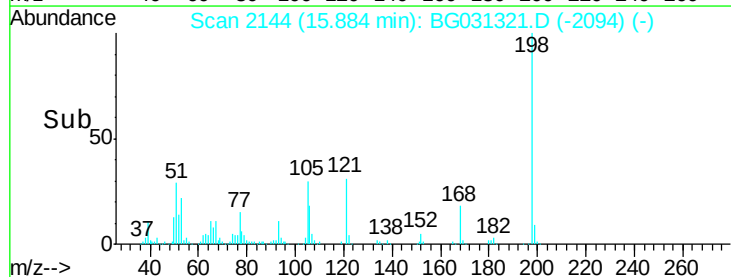
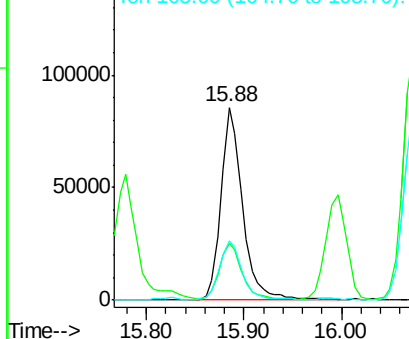
Tgt Ion:	198	Resp:	131663
Ion Ratio	Lower	Upper	
198	100		
51	29.2	30.6	70.6#
105	30.8	23.8	63.8

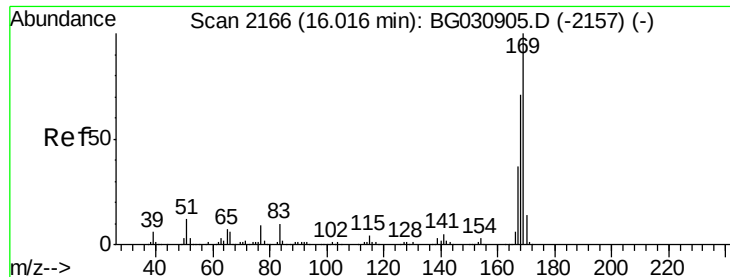


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





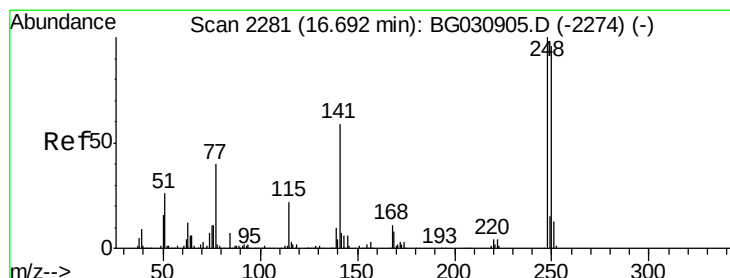
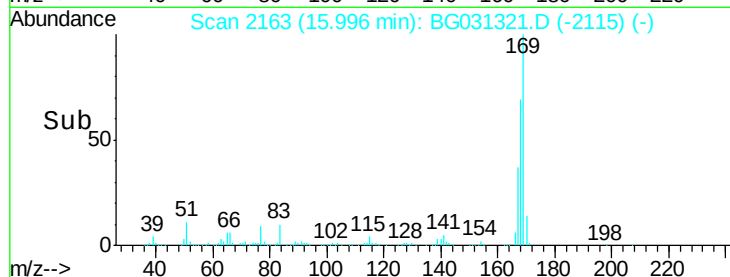
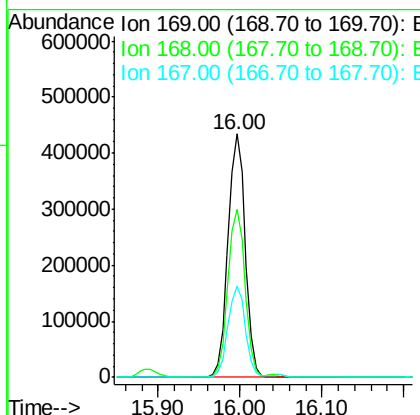
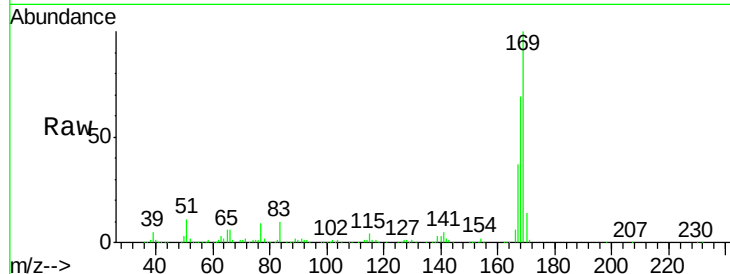
#65
n-Nitrosodiphenylamine
Concen: 40.42 ng
RT: 16.00 min Scan# 2163
Delta R.T. -0.02 min
Lab File: BG031321.D
Acq: 1 Dec 2017 17:09

Instrument :
BNA_G
ClientSampleId :
SU-03-112917MSD

Tot Ion	Ratio	Lower	Upper
169	100		
168	69.0	55.7	83.5
167	37.4	30.1	45.1

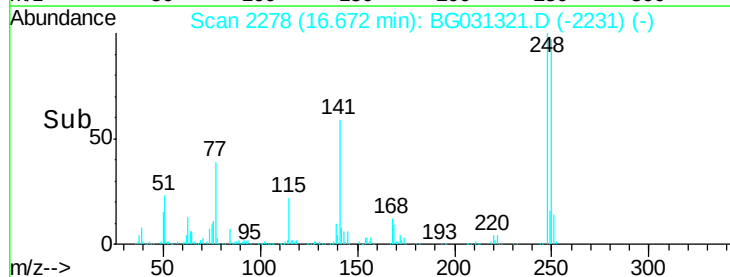
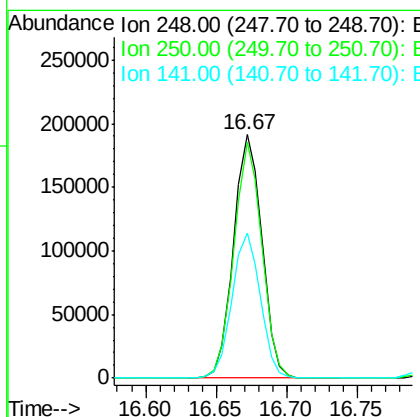
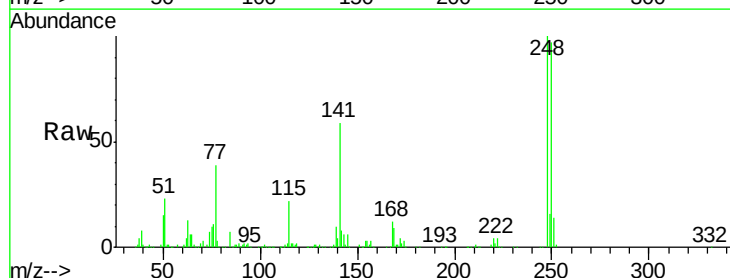
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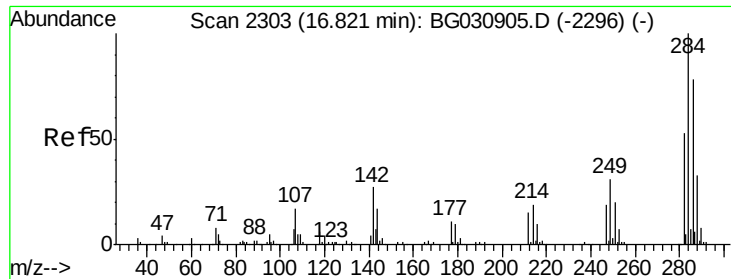
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#66
4-Bromophenyl-phenylether
Concen: 40.77 ng
RT: 16.67 min Scan# 2278
Delta R.T. -0.02 min
Lab File: BG031321.D
Acq: 1 Dec 2017 17:09

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.7	77.1	115.7
141	59.4	50.8	76.2





#67

Hexachlorobenzene

Concen: 39.36 ng

RT: 16.80 min Scan# 2300

Delta R.T. -0.02 min

Lab File: BG031321.D

Acq: 1 Dec 2017 17:09

Instrument :

BNA_G

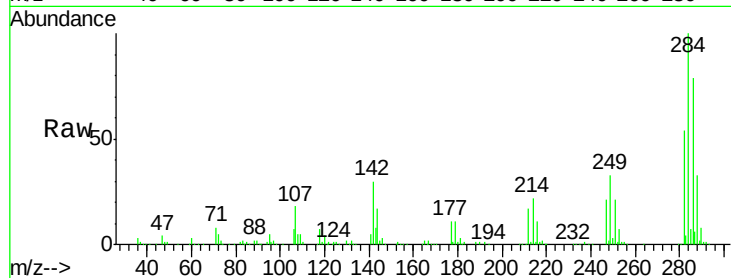
ClientSampleId :

SU-03-112917MSD

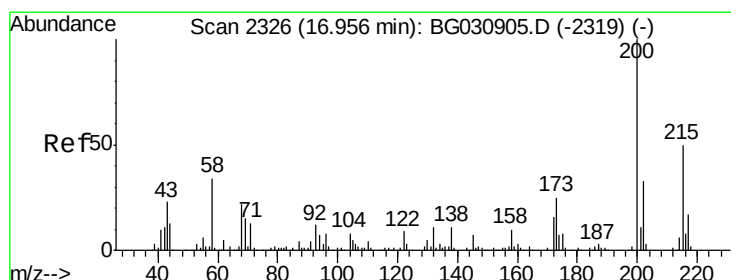
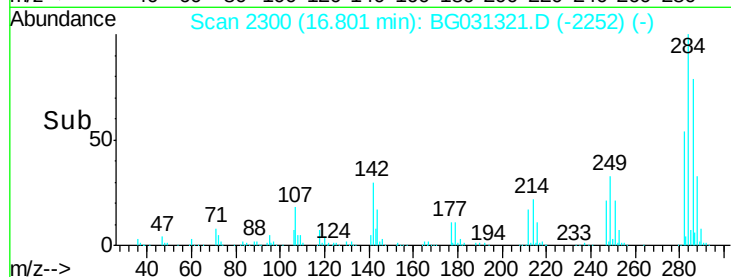
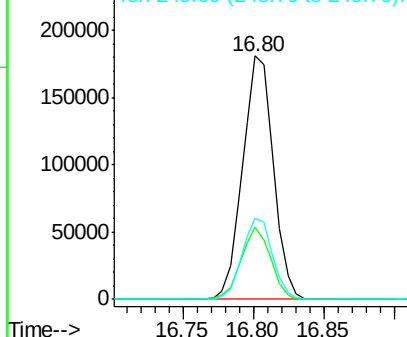
Tot Ion:	284	Resp:	274700
Ion Ratio		Lower	Upper
284	100		
142	29.8	26.8	40.2
249	33.2	26.3	39.5

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



#68

Atrazine

Concen: 40.23 ng

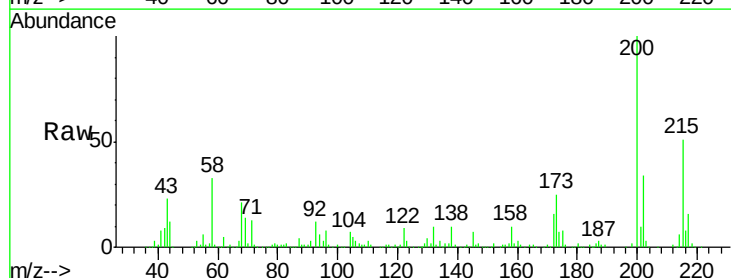
RT: 16.94 min Scan# 2323

Delta R.T. -0.02 min

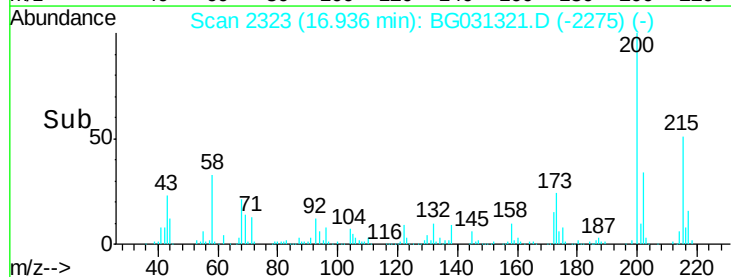
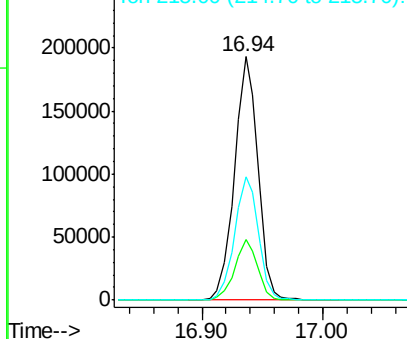
Lab File: BG031321.D

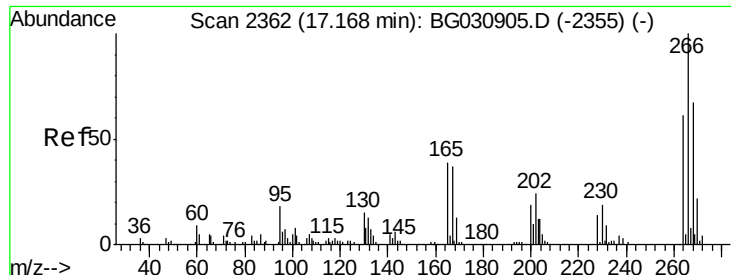
Acq: 1 Dec 2017 17:09

Tgt Ion:	200	Resp:	260893
Ion Ratio		Lower	Upper
200	100		
173	24.7	5.2	45.2
215	50.7	30.4	70.4



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





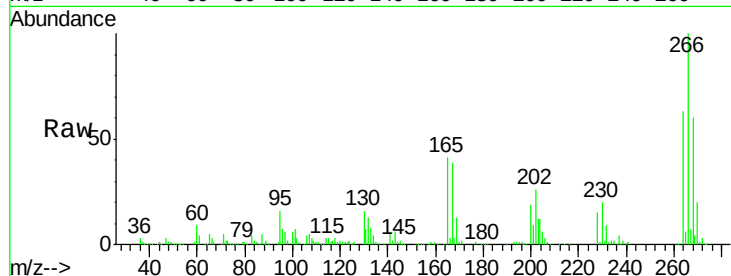
#69
 Pentachlorophenol
 Concen: 73.62 ng
 RT: 17.15 min Scan# 2359
 Delta R.T. -0.01 min
 Lab File: BG031321.D
 Acq: 1 Dec 2017 17:09

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-112917MSD

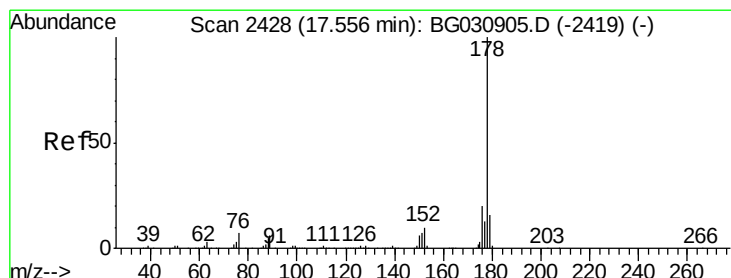
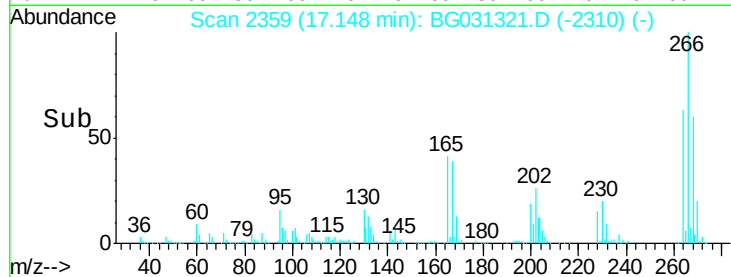
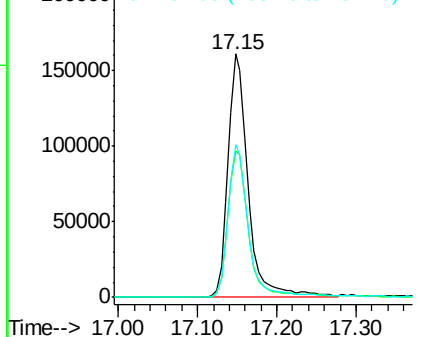
Tot Ion	Ratio	Lower	Upper
266	100		
268	60.3	51.1	76.7
264	62.6	49.6	74.4

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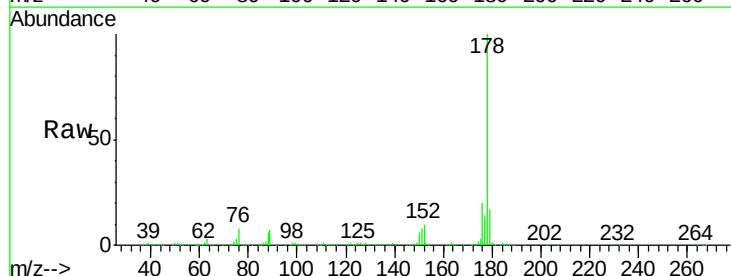


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

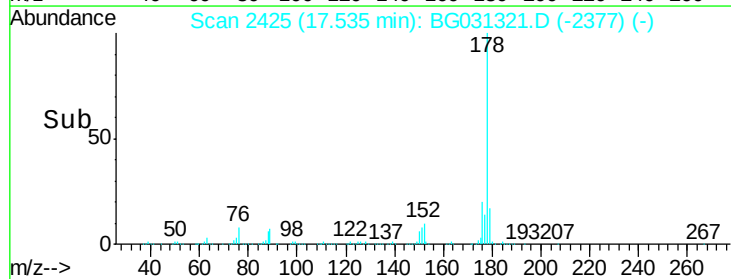
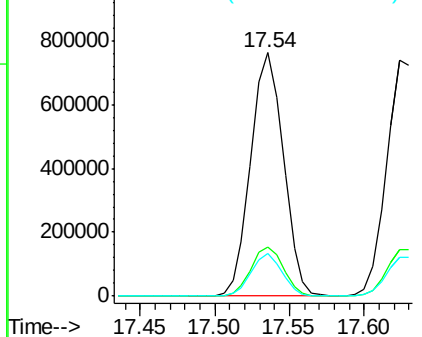


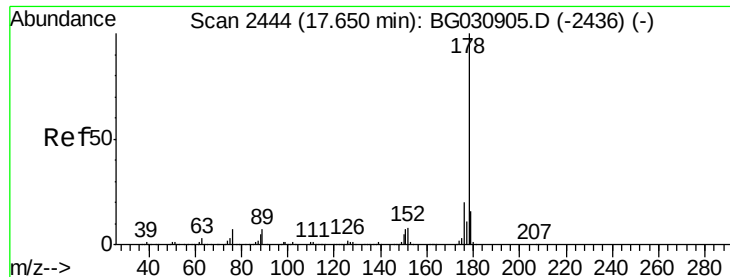
#70
 Phenanthrene
 Concen: 42.87 ng
 RT: 17.54 min Scan# 2425
 Delta R.T. -0.02 min
 Lab File: BG031321.D
 Acq: 1 Dec 2017 17:09

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.7	23.5
179	17.4	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





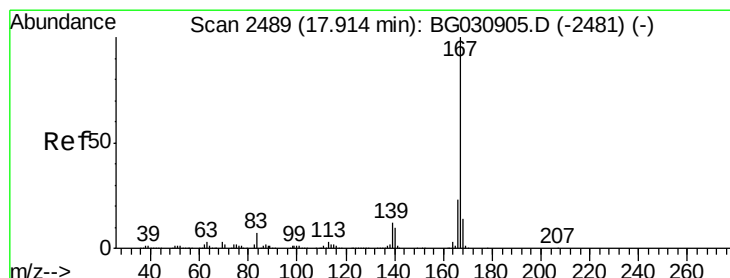
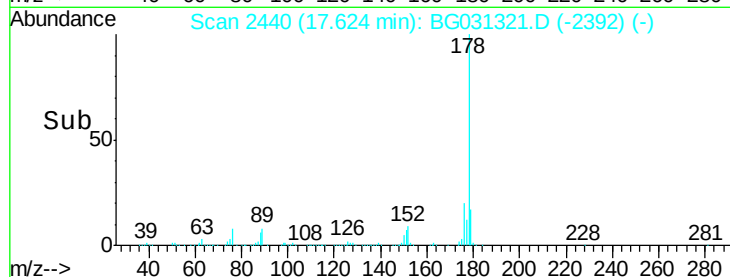
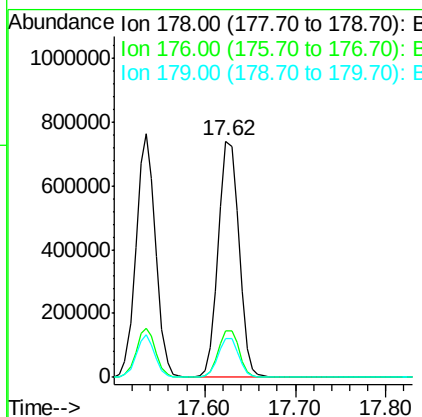
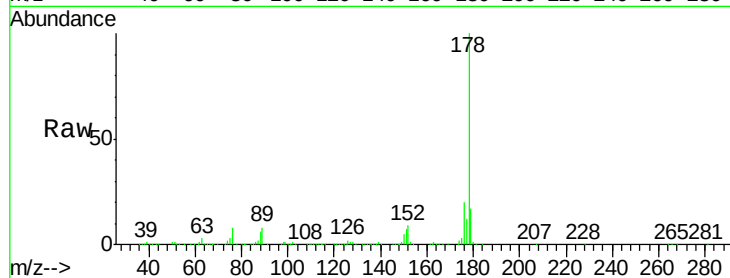
#71
 Anthracene
 Concen: 43.24 ng
 RT: 17.62 min Scan# 2440
 Delta R.T. -0.02 min
 Lab File: BG031321.D
 Acq: 1 Dec 2017 17:09

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-112917MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.9	16.0	24.0
179	16.7	12.5	18.7

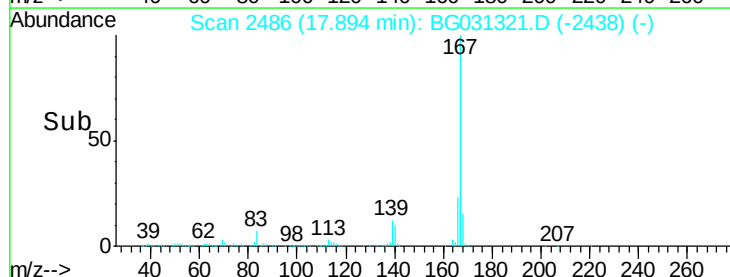
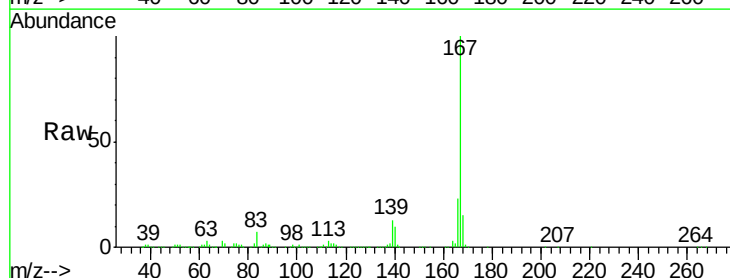
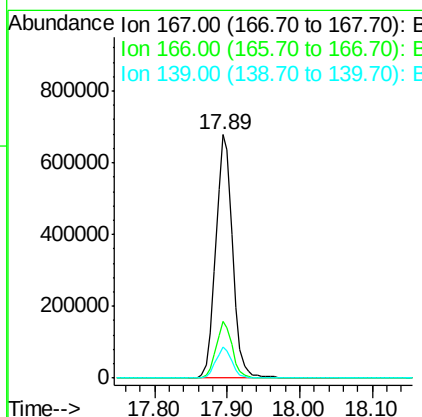
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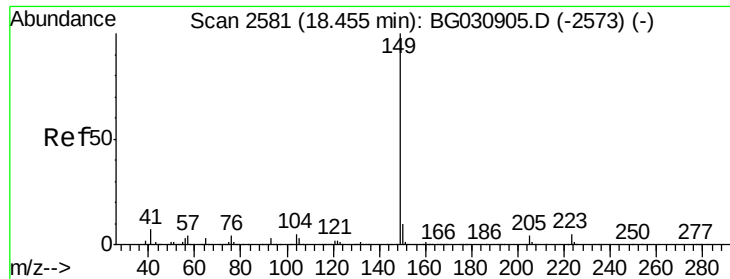
Sohil
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#72
 Carbazole
 Concen: 42.96 ng
 RT: 17.89 min Scan# 2486
 Delta R.T. -0.02 min
 Lab File: BG031321.D
 Acq: 1 Dec 2017 17:09

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.5	18.2	27.4
139	12.7	9.4	14.2





#73

Di-n-butylphthalate

Concen: 40.10 ng

RT: 18.43 min Scan# 2577

Delta R.T. -0.02 min

Lab File: BG031321.D

Acq: 1 Dec 2017 17:09

Instrument :

BNA_G

ClientSampleId :

SU-03-112917MSD

Tot Ion:149 Resp: 1248382

Ion Ratio Lower Upper

149 100

150 10.1 7.8 11.6

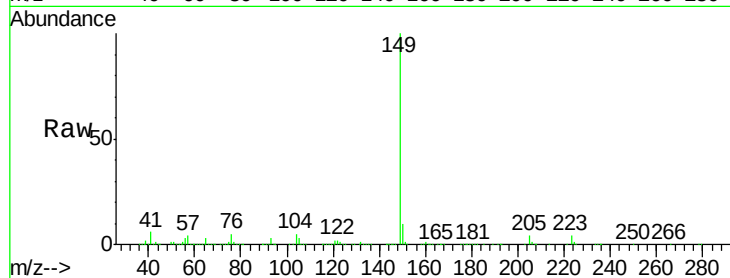
104 5.0 3.9 5.9

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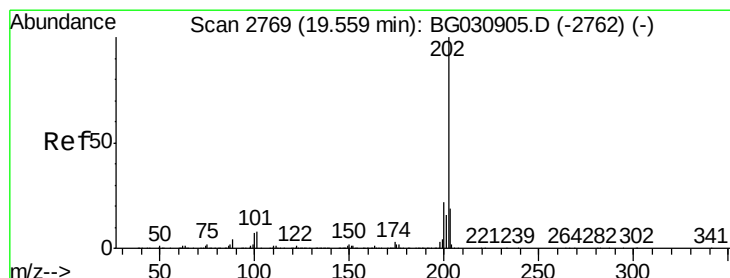
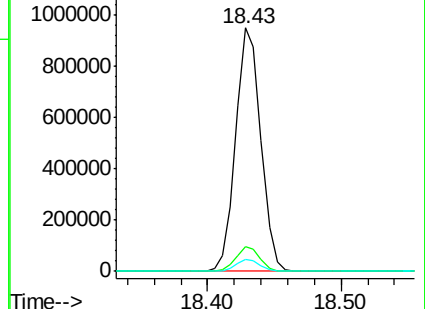
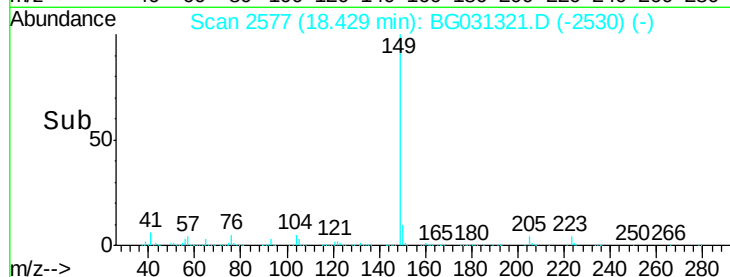
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 43.18 ng

RT: 19.53 min Scan# 2765

Delta R.T. -0.02 min

Lab File: BG031321.D

Acq: 1 Dec 2017 17:09

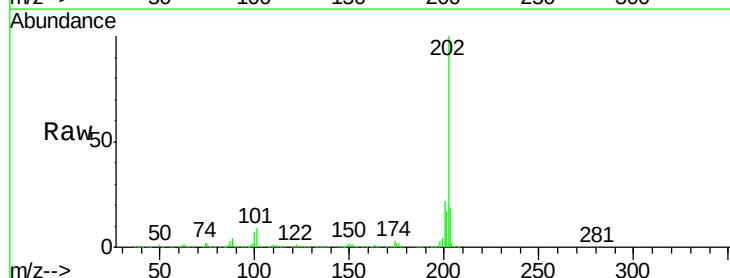
Tgt Ion:202 Resp: 1476363

Ion Ratio Lower Upper

202 100

101 8.9 0.0 28.9

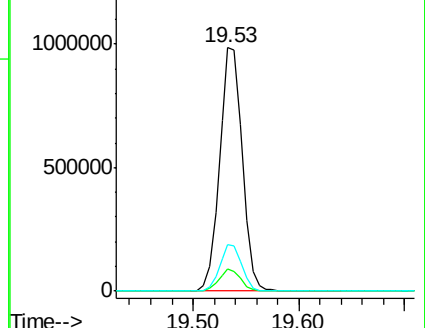
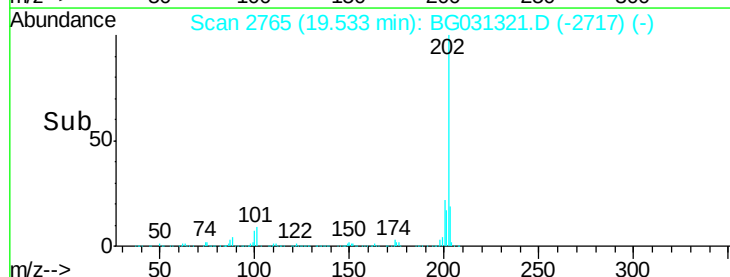
203 19.3 0.0 37.5

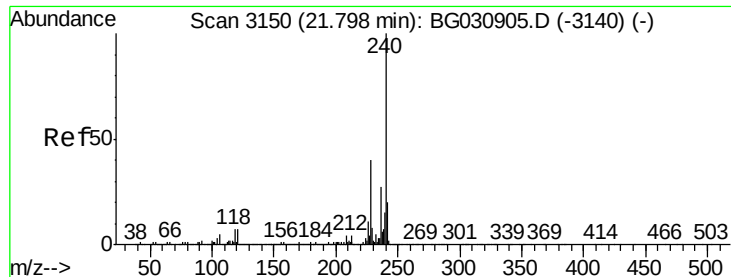


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.77 min Scan# 3145

Delta R.T. -0.02 min

Lab File: BG031321.D

Acq: 1 Dec 2017 17:09

Instrument :

BNA_G

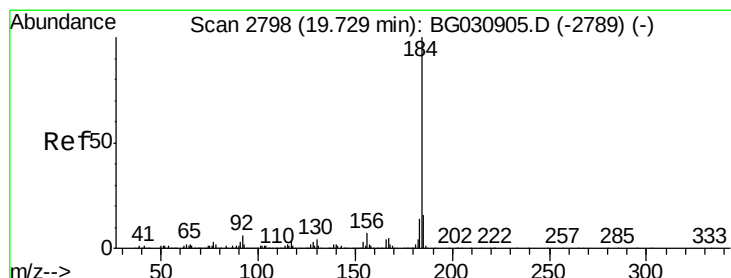
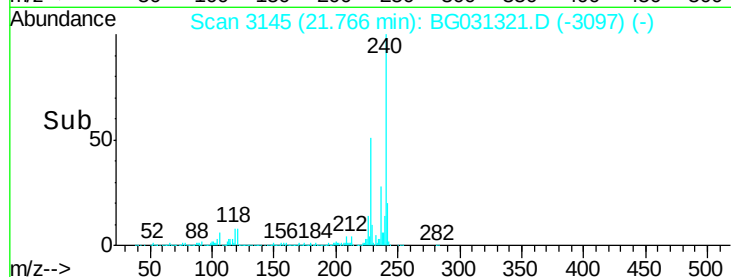
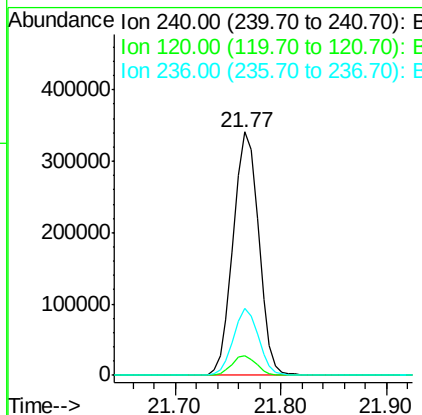
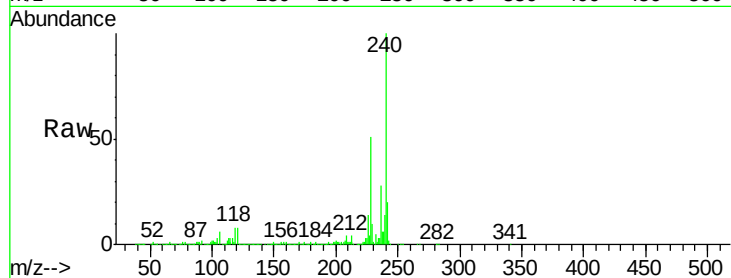
ClientSampleId :

SU-03-112917MSD

Tot Ion:	240	Resp:	570997
Ion Ratio	Lower	Upper	
240	100		
120	7.9	6.8	10.2
236	27.7	20.9	31.3

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#76

Benzidine

Concen: 10.21 ng

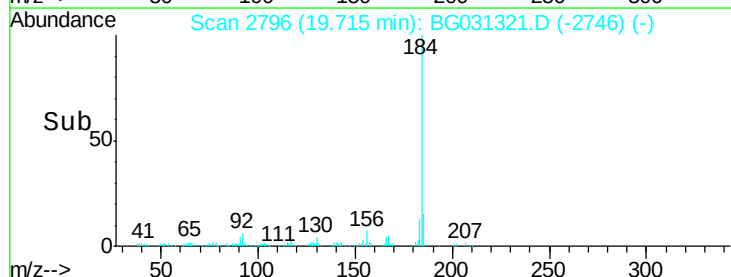
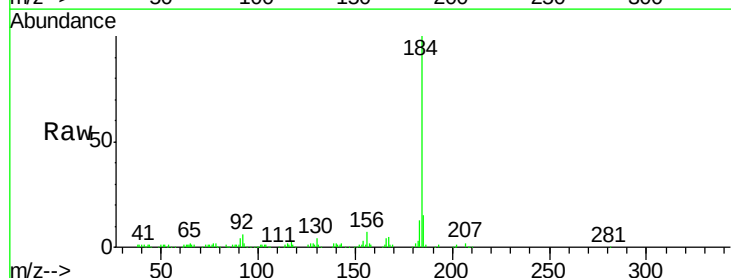
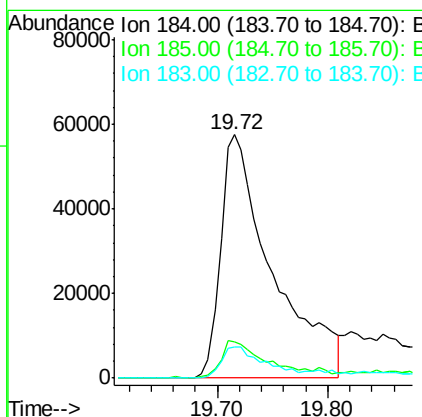
RT: 19.72 min Scan# 2796

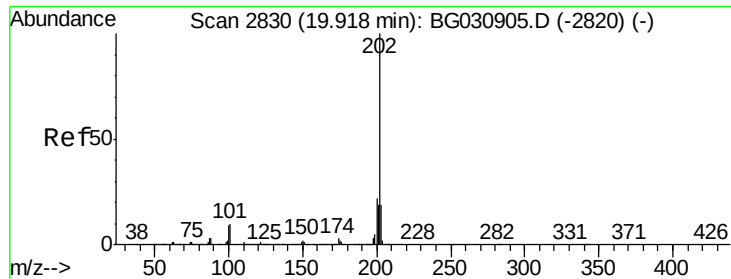
Delta R.T. -0.01 min

Lab File: BG031321.D

Acq: 1 Dec 2017 17:09

Tgt Ion:	184	Resp:	187301
Ion Ratio	Lower	Upper	
184	100		
185	14.7	11.1	16.7
183	12.6	10.6	16.0





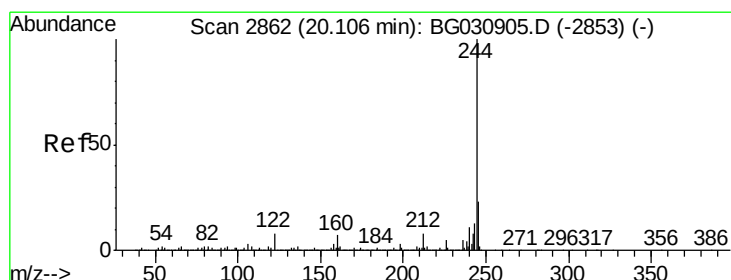
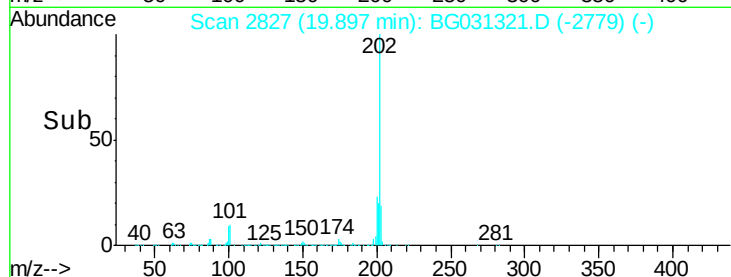
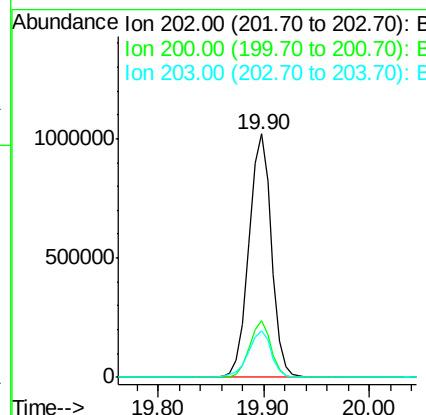
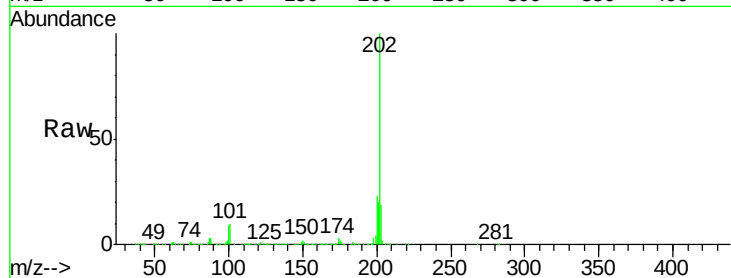
#77
Pvrene
Concen: 44.47 ng
RT: 19.90 min Scan# 2827
Delta R.T. -0.02 min
Lab File: BG031321.D
Acq: 1 Dec 2017 17:09

Instrument :
BNA_G
ClientSampleId :
SU-03-112917MSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	23.3	16.9	25.3
203	19.2	13.9	20.9

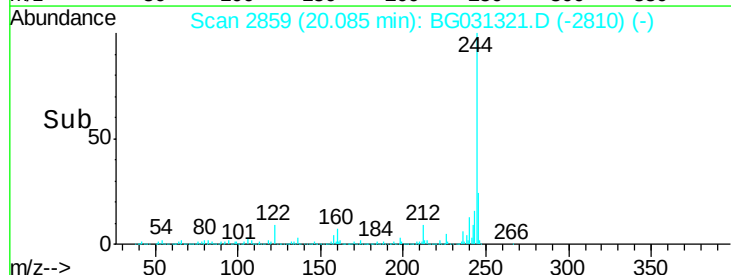
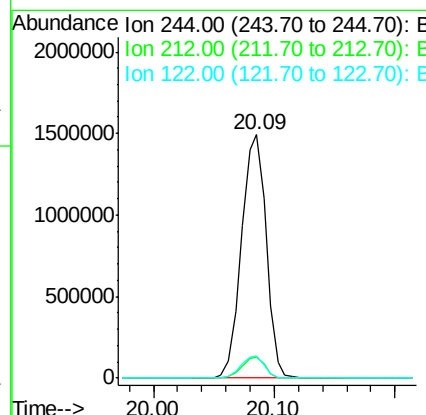
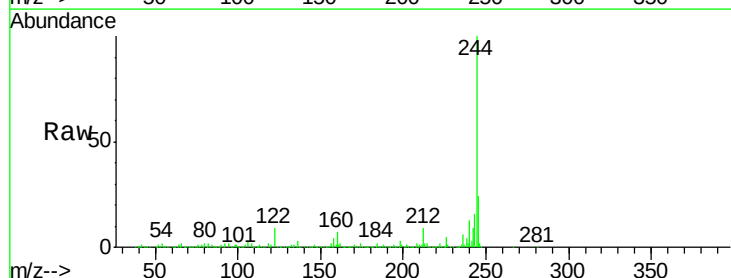
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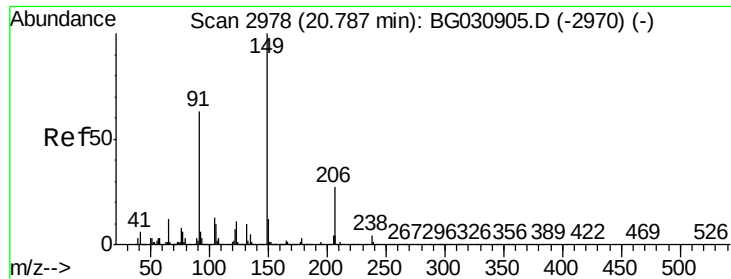
Sohil
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#78
Terphenyl-d14
Concen: 82.56 ng
RT: 20.09 min Scan# 2859
Delta R.T. -0.01 min
Lab File: BG031321.D
Acq: 1 Dec 2017 17:09

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.6	5.8	8.8
122	8.9	7.0	10.4





#79

Butylbenzylphthalate

Concen: 43.93 ng

RT: 20.76 min Scan# 2974

Delta R.T. -0.02 min

Lab File: BG031321.D

Acq: 1 Dec 2017 17:09

Instrument :

BNA_G

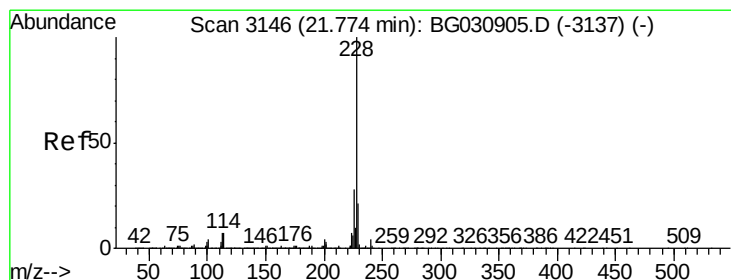
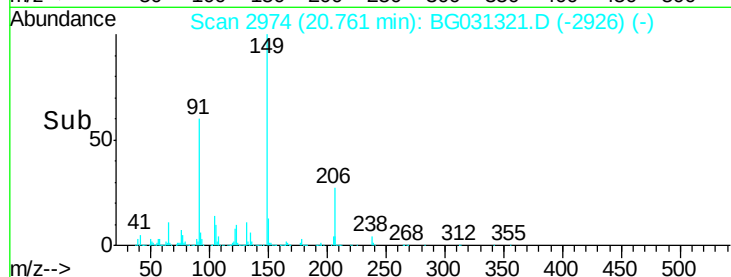
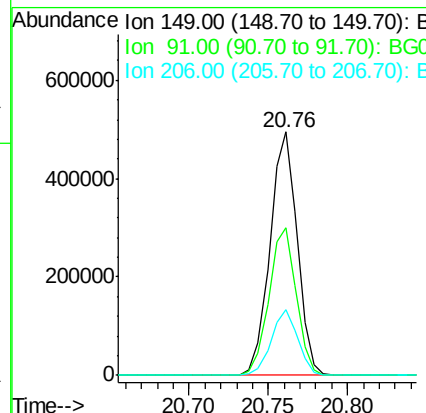
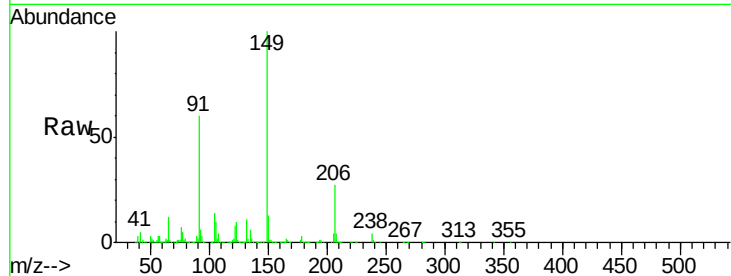
ClientSampleId :

SU-03-112917MSD

Tot Ion:	149	Resp:	593483
Ion Ratio	Lower	Upper	
149	100		
91	60.4	62.2	93.2#
206	27.2	18.6	27.8

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#80

Benzo(a)anthracene

Concen: 42.60 ng

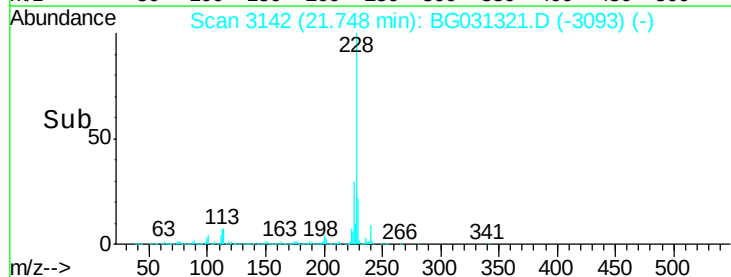
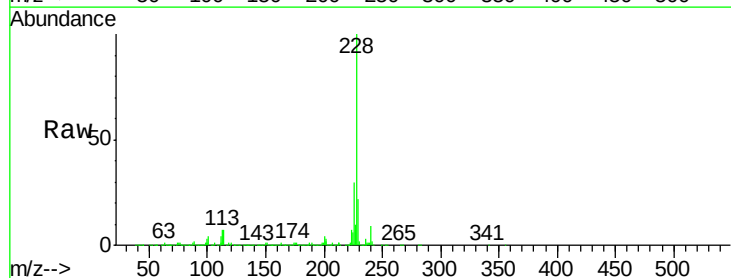
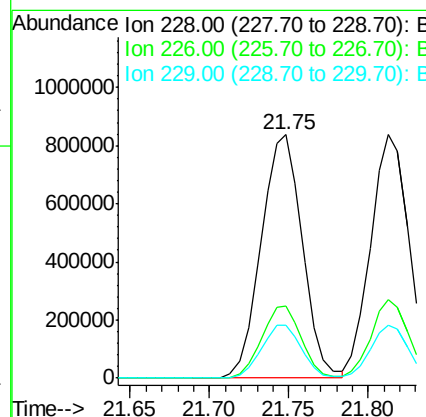
RT: 21.75 min Scan# 3142

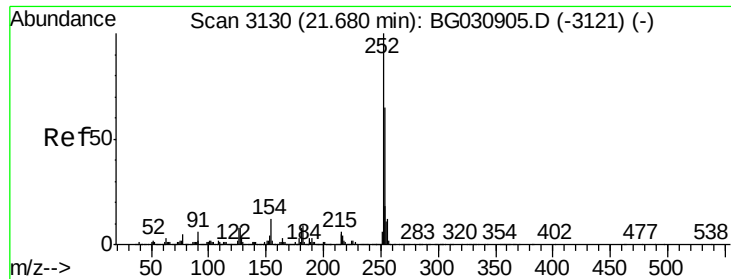
Delta R.T. -0.01 min

Lab File: BG031321.D

Acq: 1 Dec 2017 17:09

Tgt Ion:	228	Resp:	1510940
Ion Ratio	Lower	Upper	
228	100		
226	29.5	22.7	34.1
229	21.5	16.2	24.2





#81

3,3'-Dichlorobenzidine

Concen: 21.45 ng

RT: 21.65 min Scan# 3126

Delta R.T. -0.02 min

Lab File: BG031321.D

Acq: 1 Dec 2017 17:09

Instrument :

BNA_G

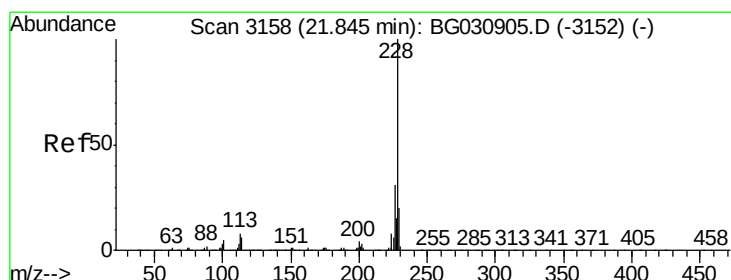
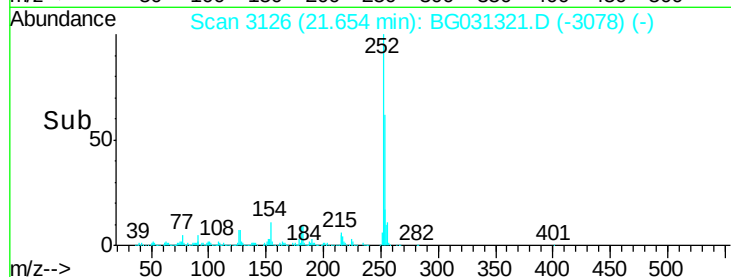
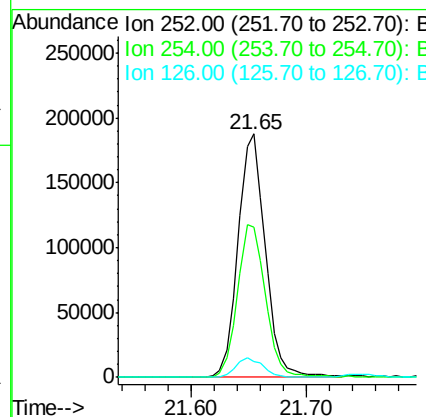
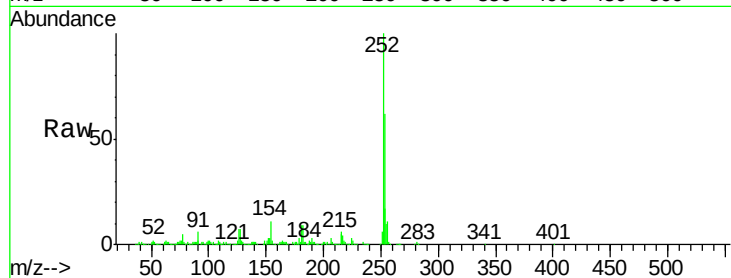
ClientSampleId :

SU-03-112917MSD

Tot Ion:	252	Resp:	307141
Ion Ratio	Lower	Upper	
252	100		
254	61.7	50.8	76.2
126	6.7	7.4	11.2#

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#82

Chrysene

Concen: 43.00 ng

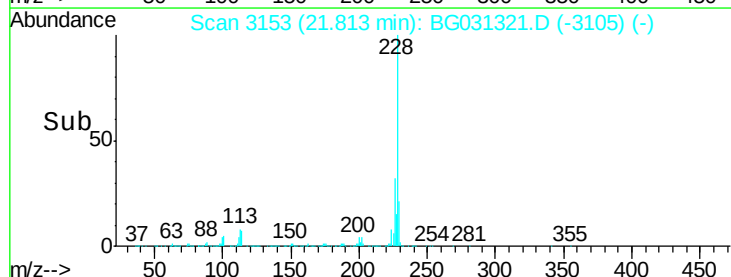
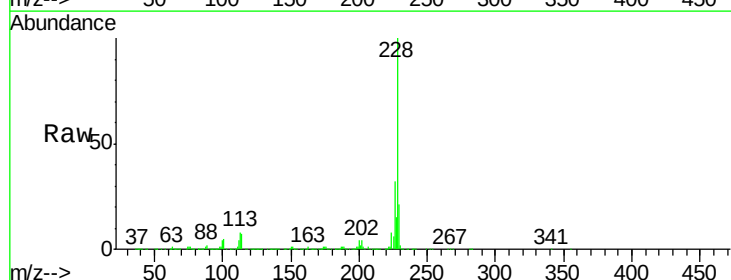
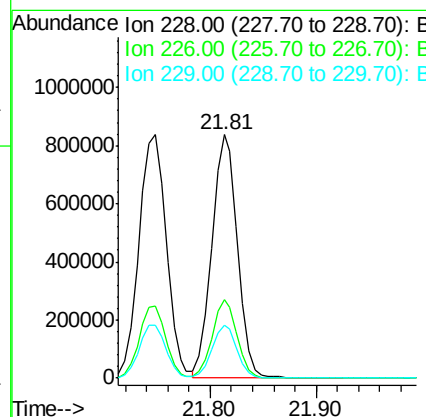
RT: 21.81 min Scan# 3153

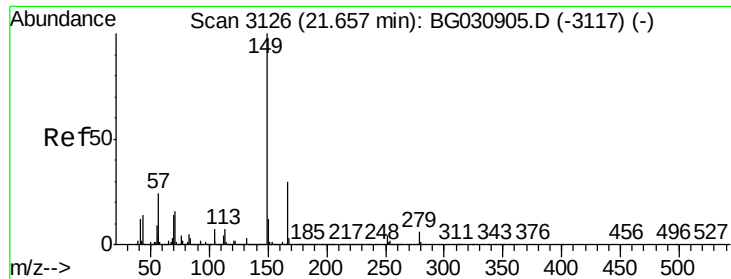
Delta R.T. -0.02 min

Lab File: BG031321.D

Acq: 1 Dec 2017 17:09

Tgt Ion:	228	Resp:	1410768
Ion Ratio	Lower	Upper	
228	100		
226	32.4	24.9	37.3
229	21.5	15.0	22.4





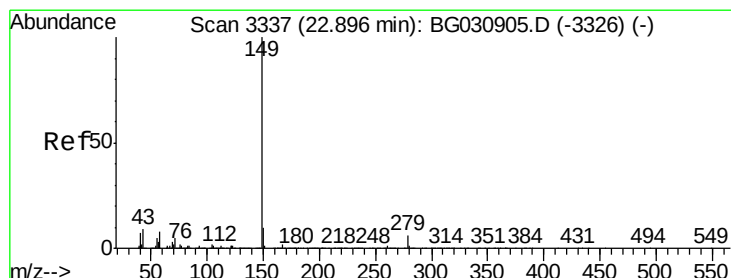
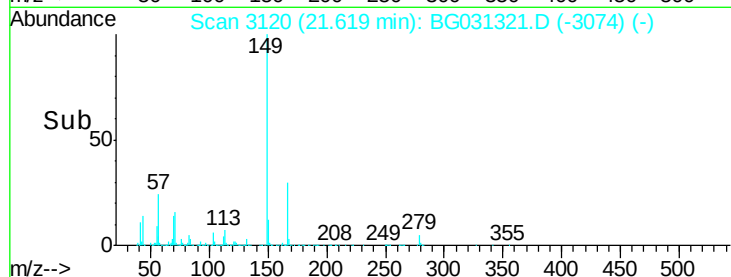
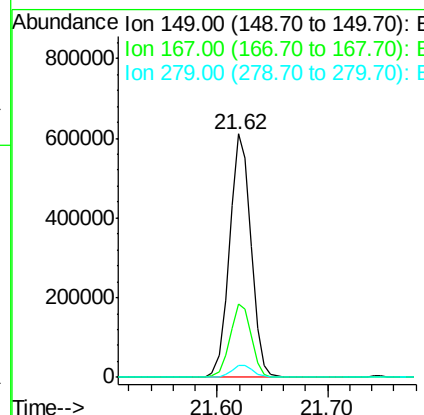
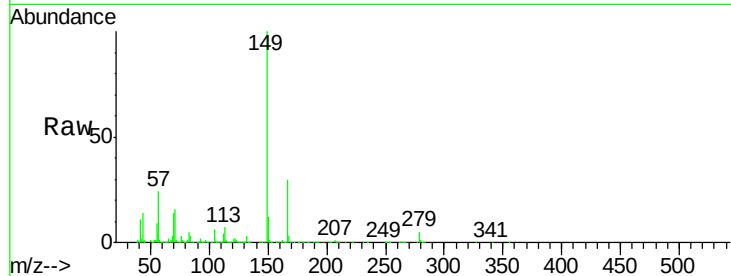
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.46 ng
 RT: 21.62 min Scan# 3120
 Delta R.T. -0.03 min
 Lab File: BG031321.D
 Acq: 1 Dec 2017 17:09

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-112917MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	30.2	24.3	36.5
279	5.0	4.0	6.0

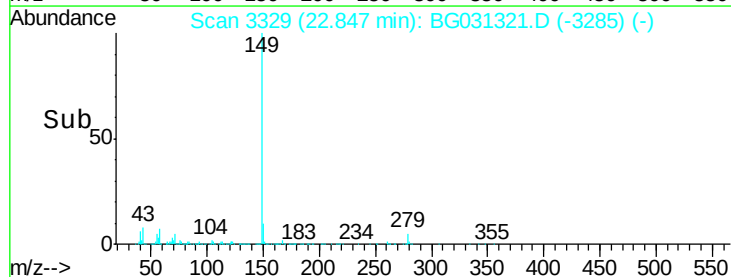
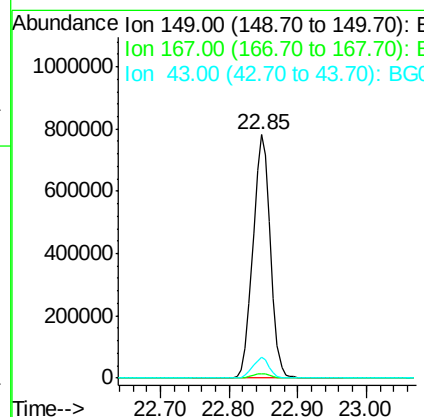
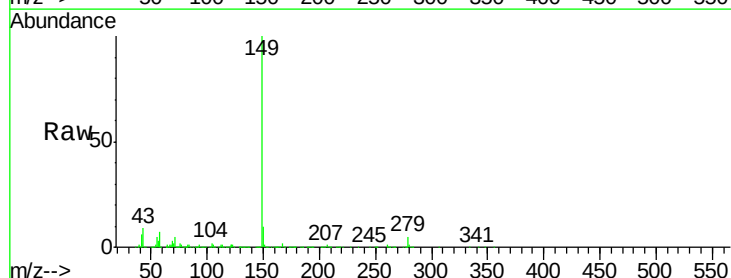
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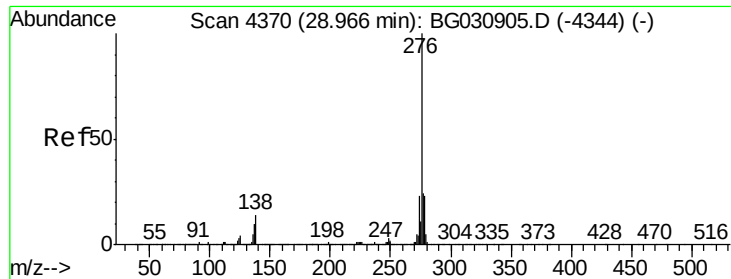
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#84
 Di-n-octyl phthalate
 Concen: 43.81 ng
 RT: 22.85 min Scan# 3329
 Delta R.T. -0.04 min
 Lab File: BG031321.D
 Acq: 1 Dec 2017 17:09

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	8.2	8.9	13.3





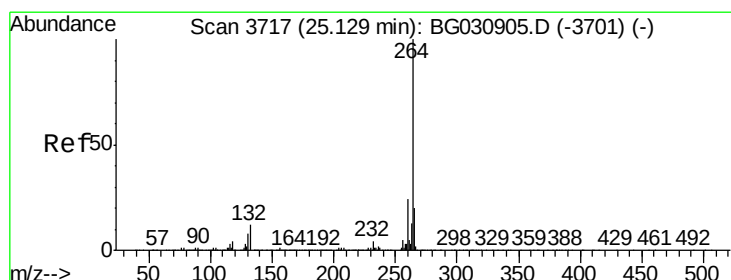
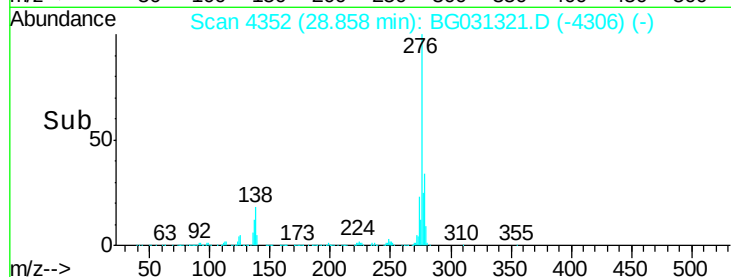
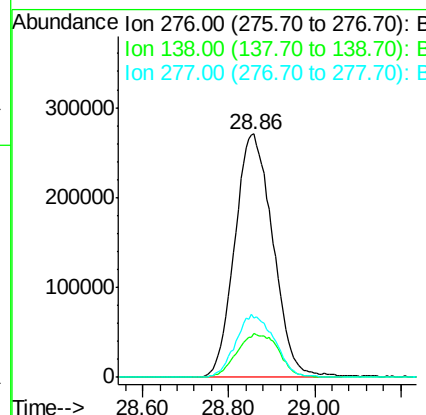
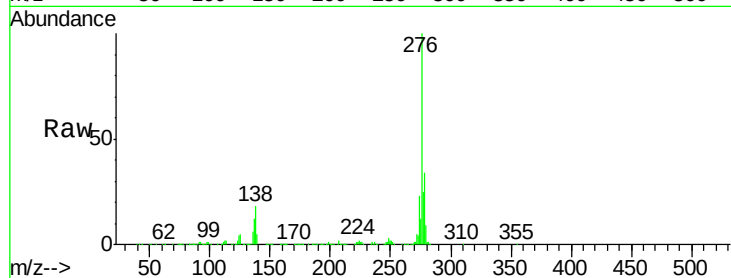
#85
Indeno(1,2,3-cd)pyrene
Concen: 42.03 ng
RT: 28.86 min Scan# 4352
Delta R.T. -0.03 min
Lab File: BG031321.D
Acq: 1 Dec 2017 17:09

Instrument :
BNA_G
ClientSampleId :
SU-03-112917MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.8	16.0	24.0
277	26.2	20.0	30.0

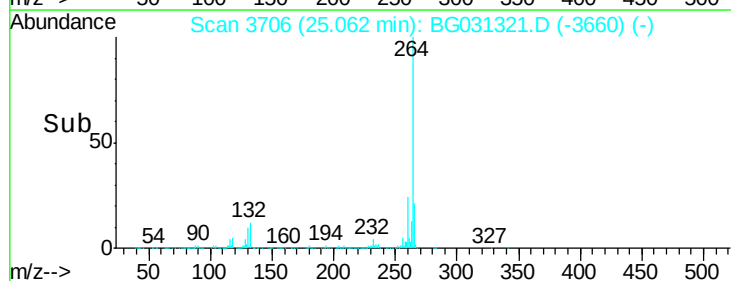
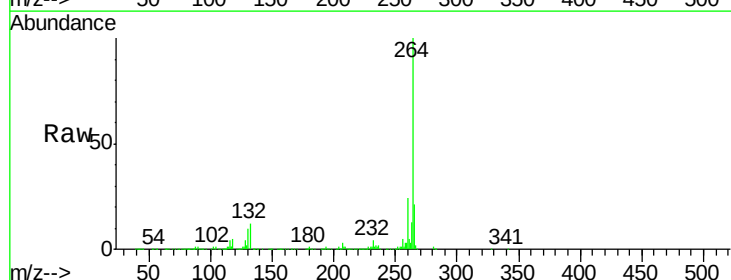
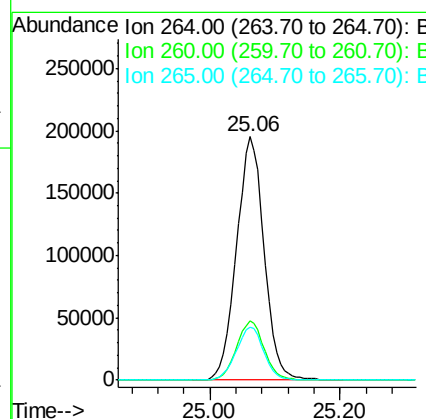
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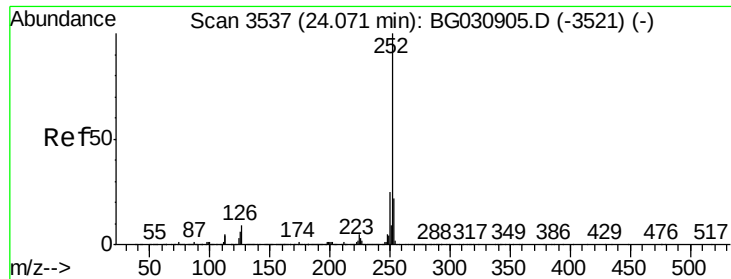
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#86
Perylene-d12
Concen: 20.00 ng
RT: 25.06 min Scan# 3706
Delta R.T. -0.03 min
Lab File: BG031321.D
Acq: 1 Dec 2017 17:09

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	17.4	26.0
265	21.5	17.7	26.5





#87

Benzo(b)fluoranthene

Concen: 43.40 ng

RT: 24.02 min Scan# 3528

Delta R.T. -0.02 min

Lab File: BG031321.D

Acq: 1 Dec 2017 17:09

Instrument :

BNA_G

ClientSampleId :

SU-03-112917MSD

Tot Ion:252 Resp: 1502609

Ion Ratio Lower Upper

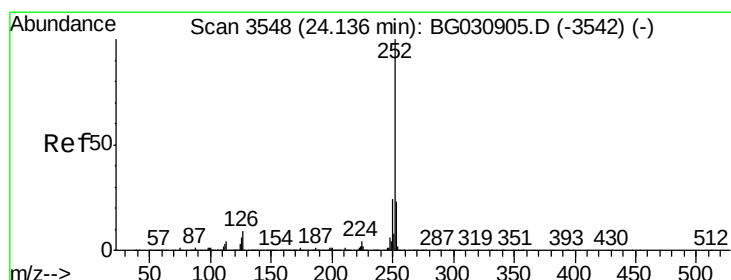
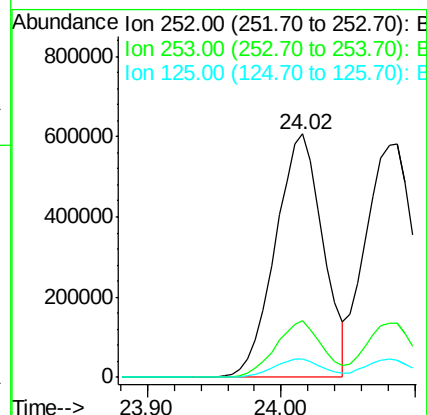
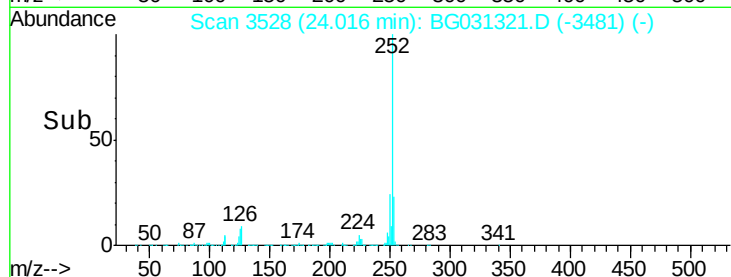
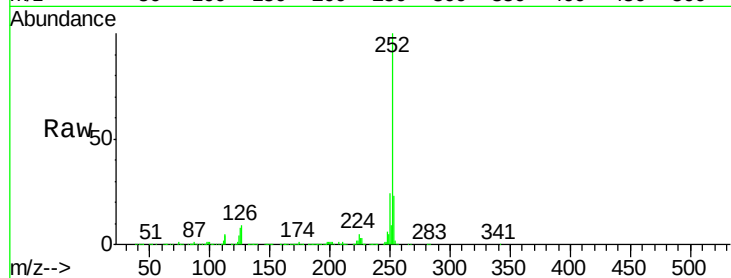
252 100

253 23.1 18.2 27.4

125 7.5 7.2 10.8

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#88

Benzo(k)fluoranthene

Concen: 43.31 ng

RT: 24.09 min Scan# 3540

Delta R.T. -0.02 min

Lab File: BG031321.D

Acq: 1 Dec 2017 17:09

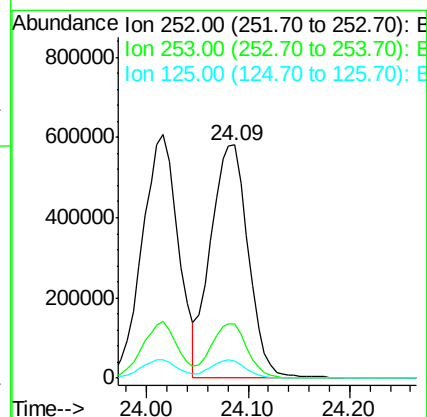
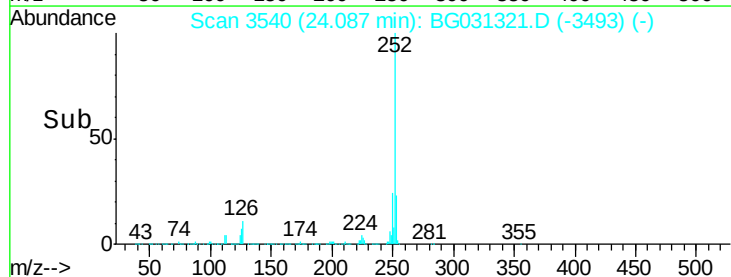
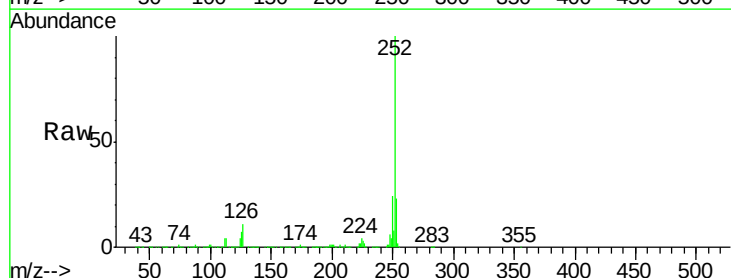
Tgt Ion:252 Resp: 1486356

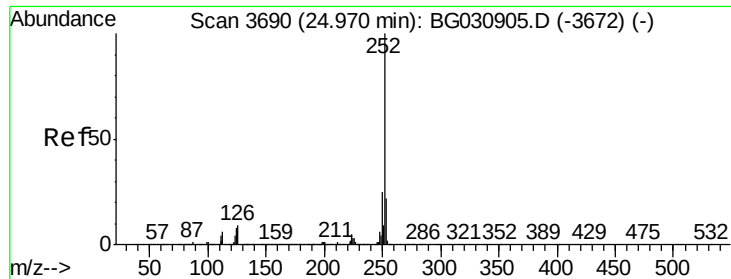
Ion Ratio Lower Upper

252 100

253 23.1 17.4 26.2

125 7.3 6.6 9.8





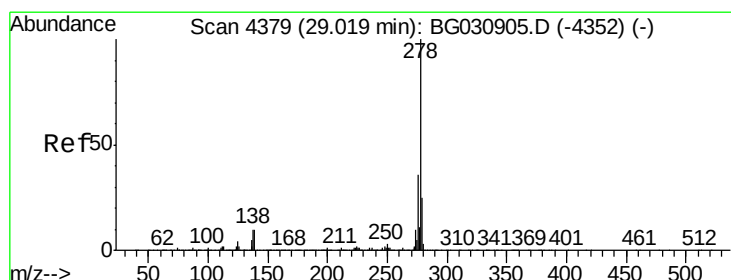
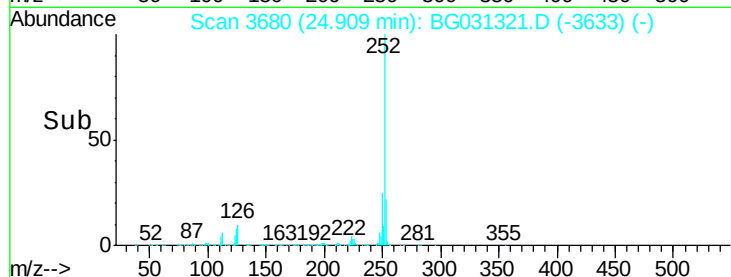
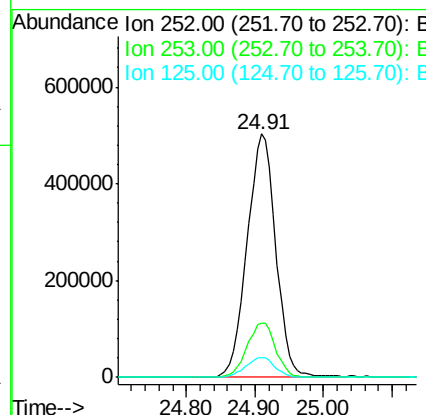
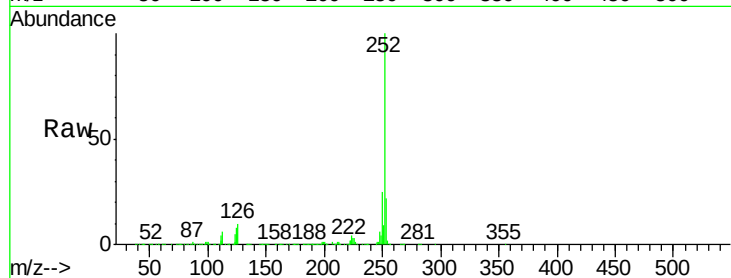
#89
Benzo(a)pyrene
Concen: 44.44 ng
RT: 24.91 min Scan# 3680
Delta R.T. -0.02 min
Lab File: BG031321.D
Acq: 1 Dec 2017 17:09

Instrument :
BNA_G
ClientSampleId :
SU-03-112917MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.3	27.5
125	8.2	7.3	10.9

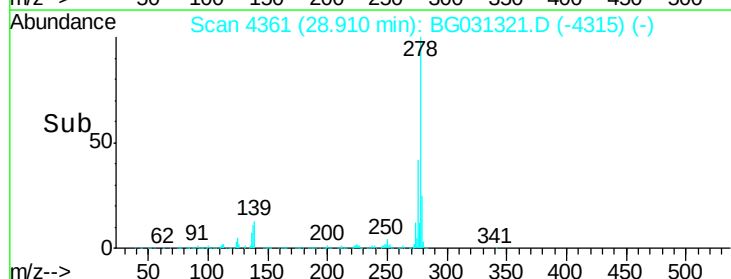
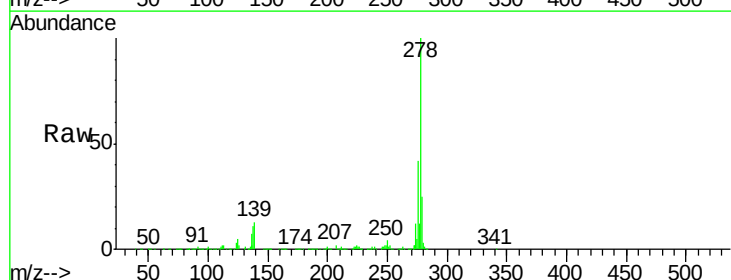
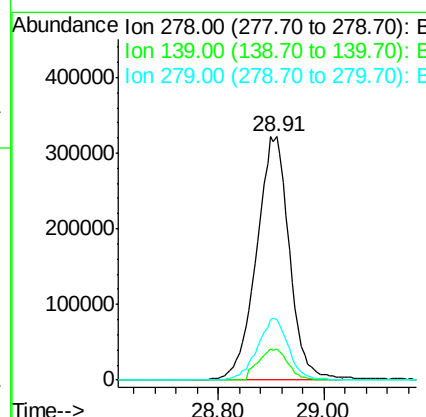
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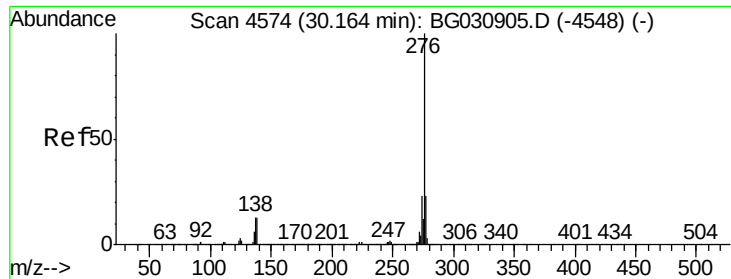
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#90
Dibenzo(a,h)anthracene
Concen: 41.34 ng
RT: 28.91 min Scan# 4361
Delta R.T. -0.03 min
Lab File: BG031321.D
Acq: 1 Dec 2017 17:09

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.5	9.8	14.6
279	24.8	18.4	27.6





#91
 Benzo(a,h,i)perylene
 Concen: 42.74 ng
 RT: 30.03 min Scan# 4552
 Delta R.T. -0.04 min
 Lab File: BG031321.D
 Acq: 1 Dec 2017 17:09

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-112917MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.3	27.5
138	16.1	13.9	20.9

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