

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042518\
 Data File : BG033986.D
 Acq On : 25 Apr 2018 14:41
 Operator : SJ/JU
 Sample : J2504-03MS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 KS-RO-238MS

Manual Integrations
 APPROVED

Sohil
 4/26/2018 6:16:34 PM

Quant Time: Apr 26 06:39:40 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 19 13:56:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	77080	20.00	ng	-0.01
21) Naphthalene-d8	10.61	136	343424	20.00	ng	-0.02
38) Acenaphthene-d10	14.46	164	228974	20.00	ng	-0.02
63) Phenanthrene-d10	17.21	188	560442	20.00	ng	-0.02
75) Chrysene-d12	21.47	240	583310	20.00	ng	-0.02
86) Perylene-d12	24.52	264	596330	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	669797	138.73	ng	0.00
7) Phenol-d6	7.00	99	823483	116.94	ng	0.00
23) Nitrobenzene-d5	8.98	82	606758	100.55	ng	0.00
41) 2,4,6-Tribromophenol	15.96	330	424249	158.81	ng	-0.01
44) 2-Fluorobiphenyl	13.08	172	1442785	92.56	ng	-0.02
78) Terphenyl-d14	19.85	244	2268966	87.39	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.44	88	66498	32.596	ng	90
3) Pyridine	3.81	79	187417	31.751	ng	92
4) n-Nitrosodimethylamine	3.72	42	113346	42.149	ng	# 88
6) Aniline	7.16	93	137883	14.648	ng	98
8) 2-Chlorophenol	7.40	128	240824	44.517	ng	94
9) Benzaldehyde	6.97	77	104770	25.287	ng	97
10) Phenol	7.03	94	271908	37.692	ng	97
11) bis(2-Chloroethyl)ether	7.26	93	225600	40.889	ng	95
12) 1,3-Dichlorobenzene	7.72	146	245810	39.472	ng	92
13) 1,4-Dichlorobenzene	7.86	146	251255	39.834	ng	97
14) 1,2-Dichlorobenzene	8.18	146	241578	39.384	ng	97
15) Benzyl Alcohol	8.07	79	242106	39.428	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.36	45	375724	34.915	ng	95
17) 2-Methylphenol	8.27	107	207057	38.732	ng	95
18) Hexachloroethane	8.90	117	92133	39.973	ng	97
19) n-Nitroso-di-n-propylamine	8.63	70	205397	34.218	ng	95
20) 3+4-Methylphenols	8.59	107	287866	37.059	ng	97
22) Acetophenone	8.64	105	374222	40.037	ng	# 96
24) Nitrobenzene	9.02	77	289239	43.985	ng	92
25) Isophorone	9.55	82	551596	40.656	ng	# 93
26) 2-Nitrophenol	9.73	139	142400	54.806	ng	92
27) 2,4-Dimethylphenol	9.79	122	243860	50.178	ng	93
28) bis(2-Chloroethoxy)methane	10.03	93	324565	45.265	ng	98
29) 2,4-Dichlorophenol	10.26	162	266324	49.158	ng	94
30) 1,2,4-Trichlorobenzene	10.48	180	264826	43.643	ng	99
31) Naphthalene	10.66	128	742639	42.051	ng	99
32) Benzoic acid	9.85	122	23920	9.499	ng	# 73
33) 4-Chloroaniline	10.78	127	19774	2.382	ng	95
34) Hexachlorobutadiene	10.95	225	164570	45.336	ng	96
35) Caprolactam	11.55	113	74473m	32.332	ng	
36) 4-Chloro-3-methylphenol	11.90	107	273747	41.399	ng	# 90
37) 2-Methylnaphthalene	12.27	142	563506	41.676	ng	94
39) 1,2,4,5-Tetrachlorobenzene	12.64	216	338449	44.513	ng	98
40) Hexachlorocyclopentadiene	12.63	237	394018	94.248	ng	93

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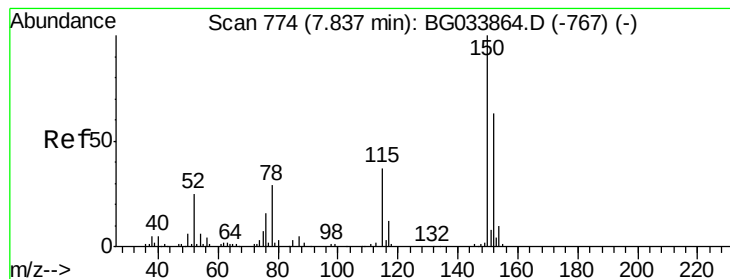
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.88	196	225493	48.642	nq	94
43) 2,4,5-Trichlorophenol	12.96	196	242683	45.536	nq	95
45) 1,1'-Biphenyl	13.30	154	758953	40.946	nq	98
46) 2-Chloronaphthalene	13.33	162	583357	41.508	nq	99
47) 2-Nitroaniline	13.54	65	192514	43.871	nq #	87
48) Acenaphthylene	14.18	152	919487	39.359	nq	98
49) Dimethylphthalate	13.92	163	781007	38.776	nq	99
50) 2,6-Dinitrotoluene	14.04	165	180694	47.339	nq	88
51) Acenaphthene	14.52	154	576169	39.260	nq	97
52) 3-Nitroaniline	14.36	138	45720	11.031	nq #	80
53) 2,4-Dinitrophenol	14.57	184	68998	50.545	nq #	52
54) Dibenzofuran	14.86	168	901455	41.432	nq	97
55) 4-Nitrophenol	14.68	139	285174	87.728	nq	86
56) 2,4-Dinitrotoluene	14.83	165	253494	49.942	nq #	79
57) Fluorene	15.51	166	753205	40.005	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.09	232	237881	48.749	nq	96
59) Diethylphthalate	15.30	149	807443	37.926	nq	97
60) 4-Chlorophenyl-phenylether	15.51	204	420296	42.679	nq	96
61) 4-Nitroaniline	15.53	138	178806	40.631	nq	89
62) Azobenzene	15.80	77	694053	36.571	nq	97
64) 4,6-Dinitro-2-methylphenol	15.59	198	71317	29.343	nq	85
65) n-Nitrosodiphenylamine	15.73	169	667670	40.977	nq	98
66) 4-Bromophenyl-phenylether	16.40	248	268912	43.691	nq	97
67) Hexachlorobenzene	16.52	284	280241	42.695	nq	96
68) Atrazine	16.69	200	292720	45.858	nq	99
69) Pentachlorophenol	16.86	266	334455	74.181	nq #	58
70) Phenanthrene	17.26	178	1214884	40.408	nq	97
71) Anthracene	17.34	178	1251127	41.612	nq	97
72) Carbazole	17.61	167	1155171	39.824	nq	96
73) Di-n-butylphthalate	18.20	149	1377107	38.163	nq	98
74) Fluoranthene	19.27	202	1517028	41.712	nq	96
76) Benzidine	19.46	184	265959	16.885	nq	99
77) Pyrene	19.64	202	1518493	39.690	nq	94
79) Butylbenzylphthalate	20.55	149	653413	38.890	nq	92
80) Benzo(a)anthracene	21.45	228	1522376	41.389	nq	97
81) 3,3'-Dichlorobenzidine	21.37	252	218743	15.949	nq	98
82) Chrysene	21.52	228	1429474	40.698	nq	95
83) Bis(2-ethylhexyl)phthalate	21.39	149	900178	37.937	nq	99
84) Di-n-octyl phthalate	22.56	149	1533934	40.729	nq	99
85) Indeno(1,2,3-cd)pyrene	27.99	276	1760798	44.040	nq #	93
87) Benzo(b)fluoranthene	23.57	252	1553296	42.697	nq	99
88) Benzo(k)fluoranthene	23.63	252	1486805	41.144	nq	97
89) Benzo(a)pyrene	24.39	252	1501234	43.088	nq	100
90) Dibenzo(a,h)anthracene	28.06	278	1472078	43.665	nq	98
91) Benzo(g,h,i)perylene	29.07	276	1468781	44.276	nq	98

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



#1

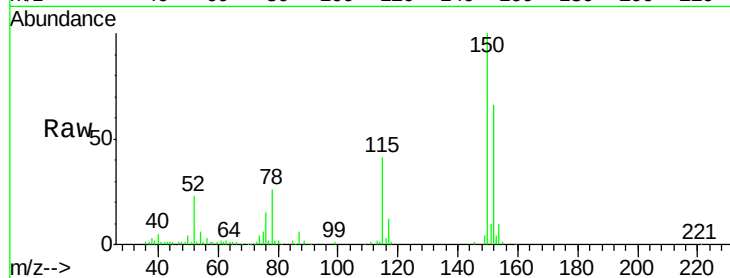
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.83 min Scan# 772
Delta R.T. -0.01 min
Lab File: BG033986.D
Acq: 25 Apr 2018 14:41

Instrument :
BNA_G
ClientSampleId :
KS-RO-238MS

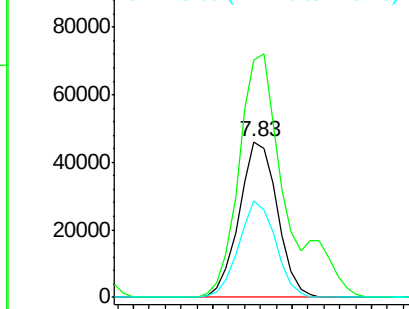
Tot Ion	Ratio	Lower	Upper
152	100		
150	152.5	126.6	189.8
115	61.8	53.0	79.4

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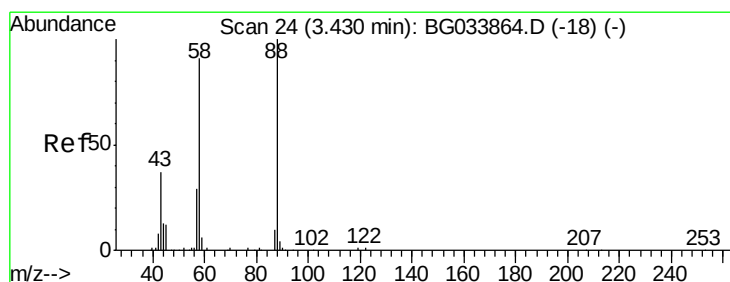
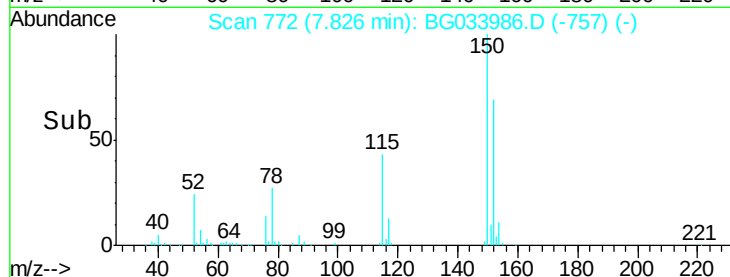
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



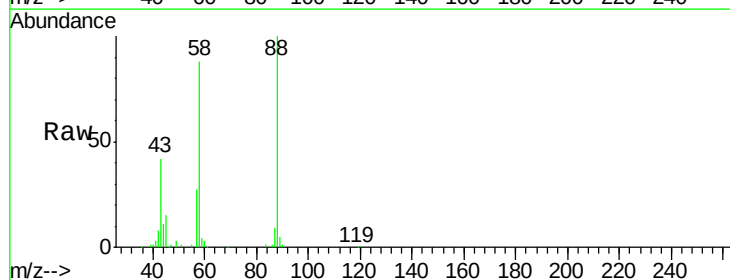
Time-->



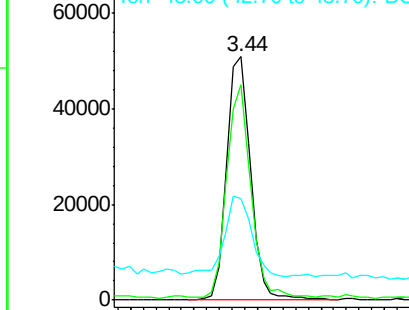
#2

1,4-Dioxane
Concen: 32.596 ng
RT: 3.44 min Scan# 25
Delta R.T. 0.01 min
Lab File: BG033986.D
Acq: 25 Apr 2018 14:41

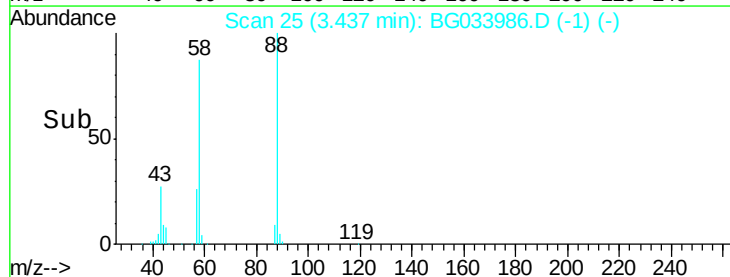
Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.5	79.6	119.4
43	37.5	27.4	41.0

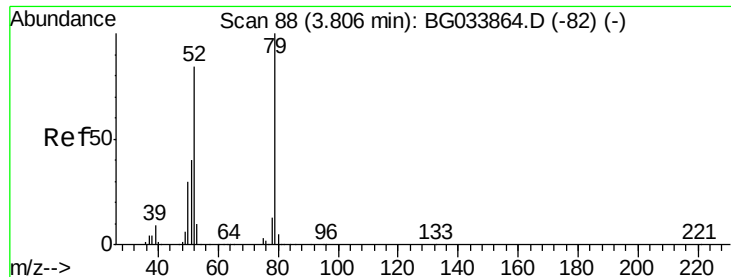


Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC



Time-->





#3

Pvridine

Concen: 31.751 ng

RT: 3.81 min Scan# 88

Delta R.T. 0.00 min

Lab File: BG033986.D

Acq: 25 Apr 2018 14:41

Instrument :

BNA_G

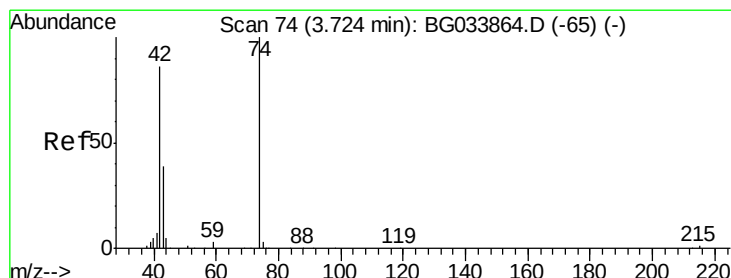
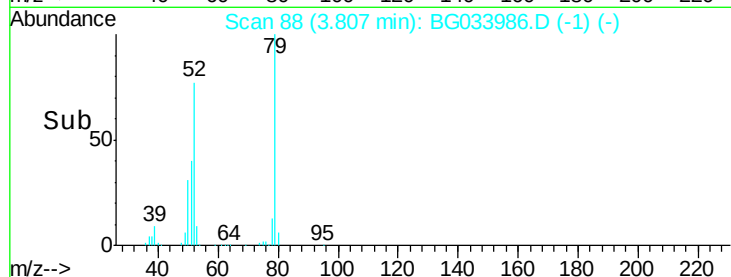
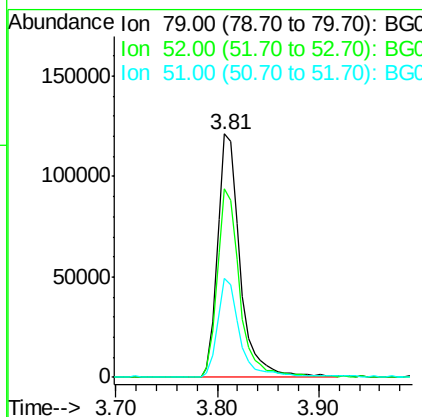
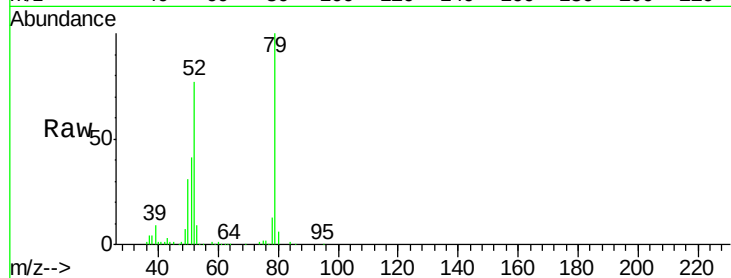
ClientSampleId :

KS-RO-238MS

Tot Ion:	79	Resp:	187417
Ion Ratio	Lower	Upper	
79	100		
52	77.3	69.9	104.9
51	40.6	34.0	51.0

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#4

n-Nitrosodimethylamine

Concen: 42.149 ng

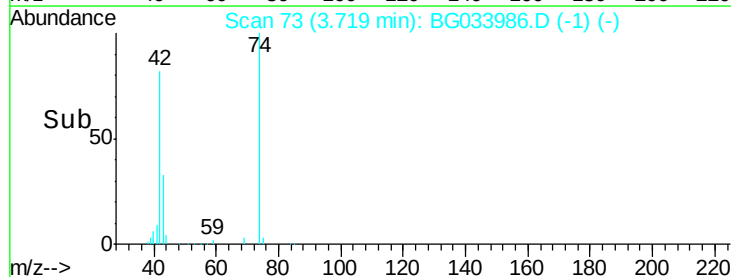
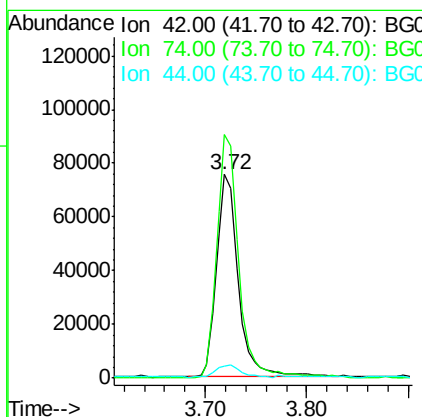
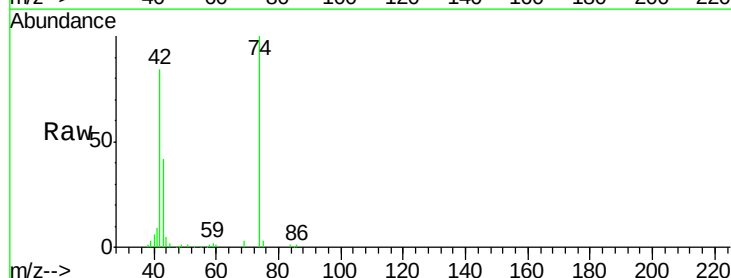
RT: 3.72 min Scan# 73

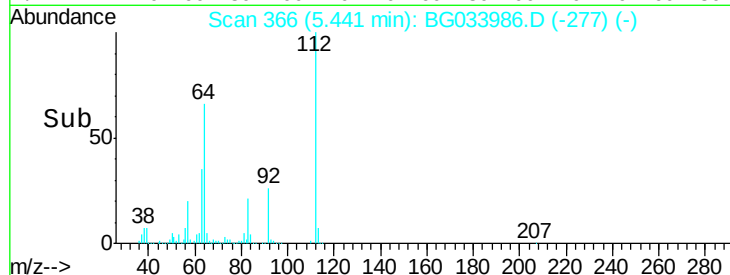
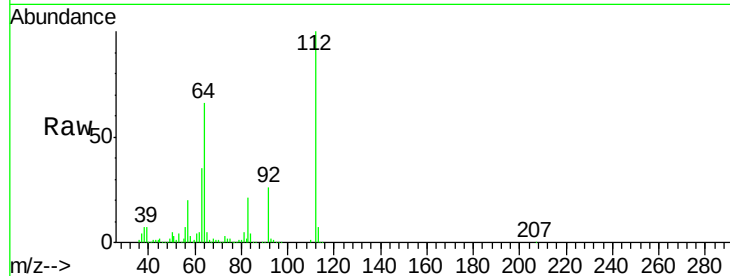
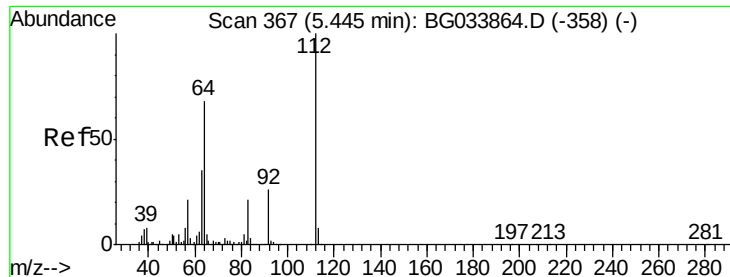
Delta R.T. -0.00 min

Lab File: BG033986.D

Acq: 25 Apr 2018 14:41

Tgt Ion:	42	Resp:	113346
Ion Ratio	Lower	Upper	
42	100		
74	119.6	102.5	153.7
44	6.1	18.9	28.3#





#5

2-Fluorophenol

Concen: 138.733 ng

RT: 5.44 min Scan# 366

Delta R.T. -0.00 min

Lab File: BG033986.D

Acq: 25 Apr 2018 14:41

Tot Ion:	112	Resp:	669797
Ion Ratio	Lower	Upper	
112	100		
64	66.1	56.3	84.5
63	35.0	30.1	45.1

Instrument :

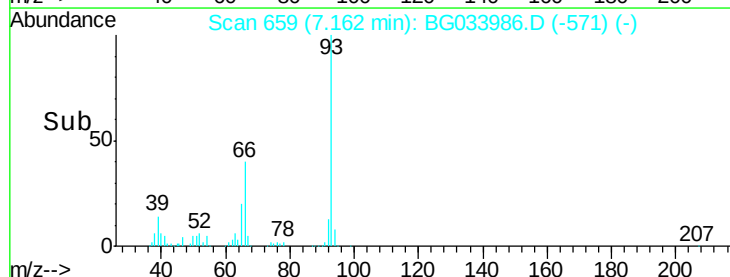
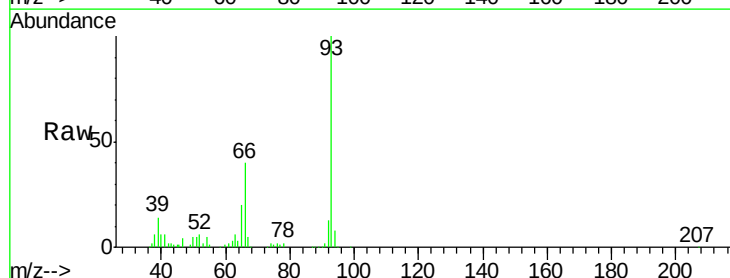
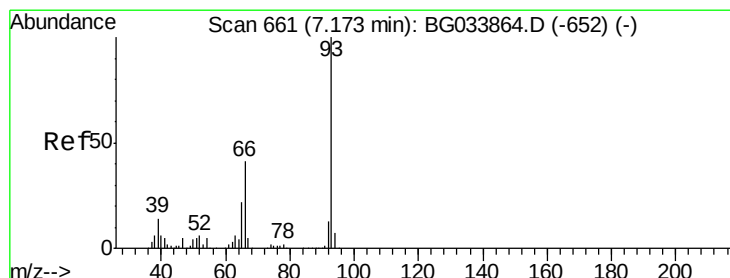
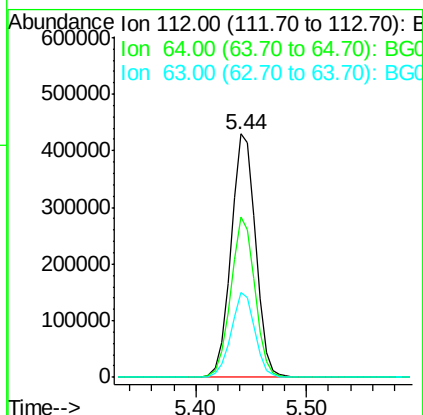
BNA_G

ClientSampleId :

KS-RO-238MS

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#6

Aniline

Concen: 14.648 ng

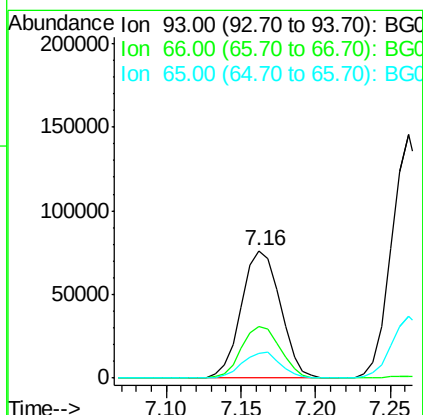
RT: 7.16 min Scan# 659

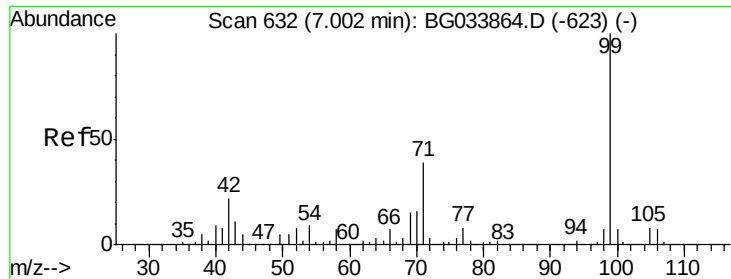
Delta R.T. -0.01 min

Lab File: BG033986.D

Acq: 25 Apr 2018 14:41

Tgt Ion:	93	Resp:	137883
Ion Ratio	Lower	Upper	
93	100		
66	40.1	33.7	50.5
65	19.9	16.1	24.1





#7

Phenol-d6

Concen: 116.941 ng

RT: 7.00 min Scan# 632

Delta R.T. 0.00 min

Lab File: BG033986.D

Acq: 25 Apr 2018 14:41

Instrument :

BNA_G

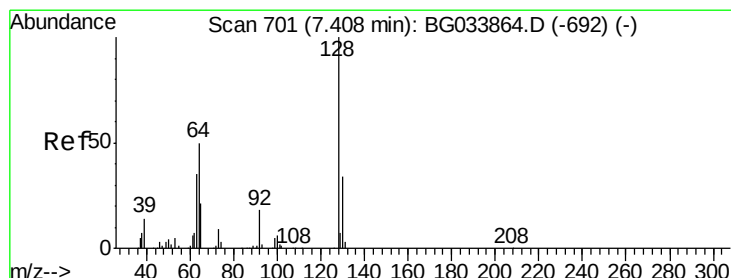
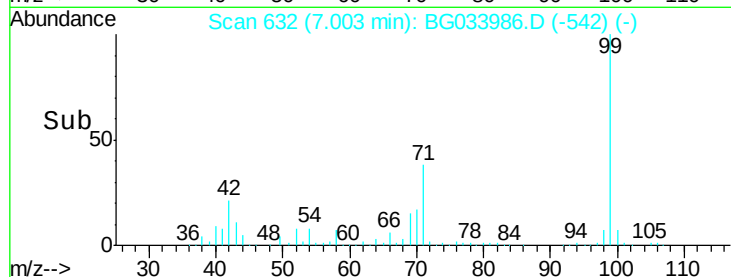
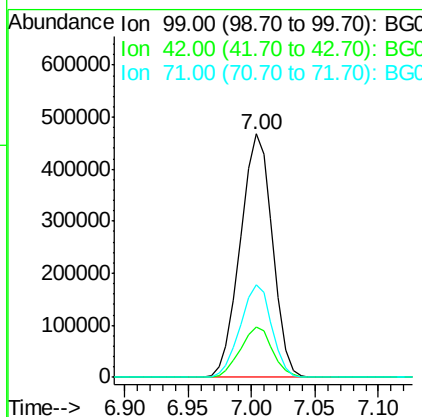
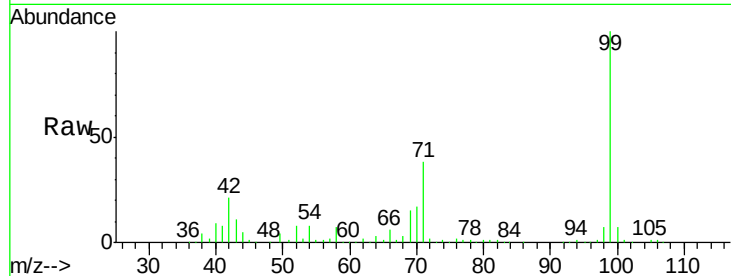
ClientSampleId :

KS-RO-238MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		823483		
42	20.6	14.1	21.1		
71	38.0	26.1	39.1		

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#8

2-Chlorophenol

Concen: 44.517 ng

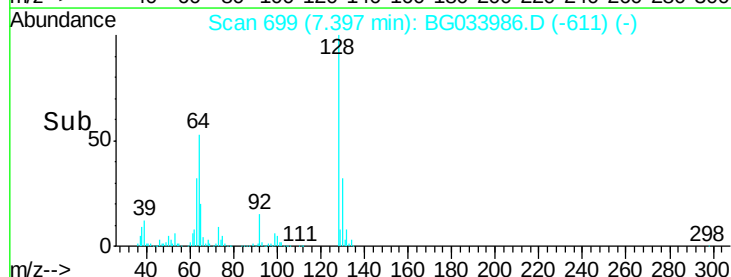
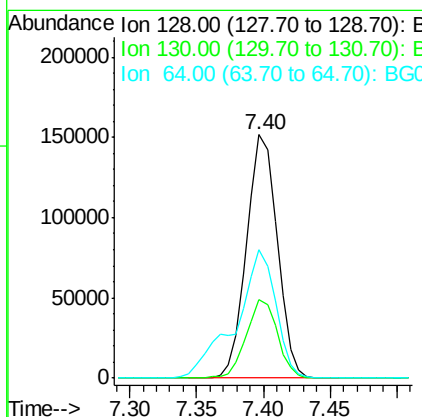
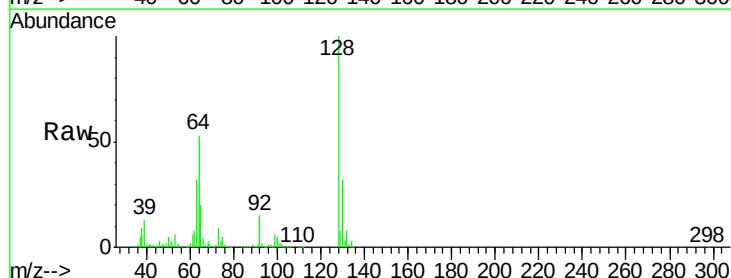
RT: 7.40 min Scan# 699

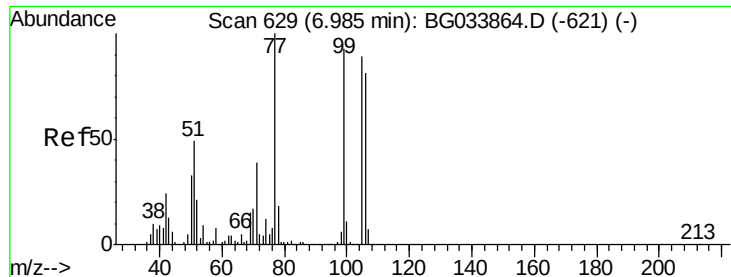
Delta R.T. -0.01 min

Lab File: BG033986.D

Acq: 25 Apr 2018 14:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		240824		
130	32.0	14.0	54.0		
64	52.7	37.7	77.7		





#9

Benzaldehyde

Concen: 25.287 ng

RT: 6.97 min Scan# 627

Delta R.T. -0.01 min

Lab File: BG033986.D

Acq: 25 Apr 2018 14:41

Instrument :

BNA_G

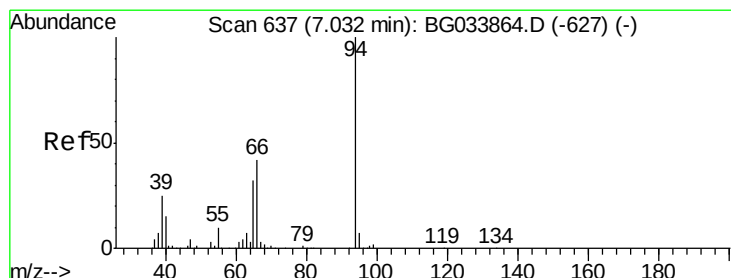
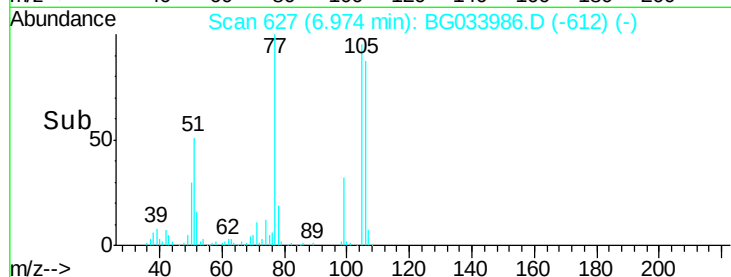
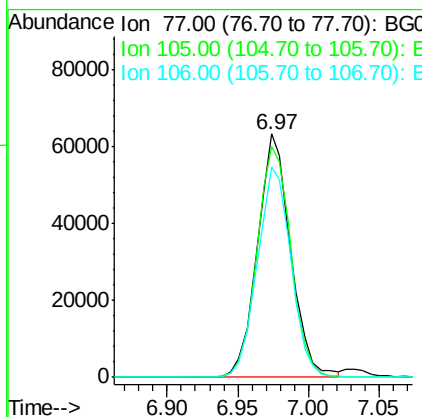
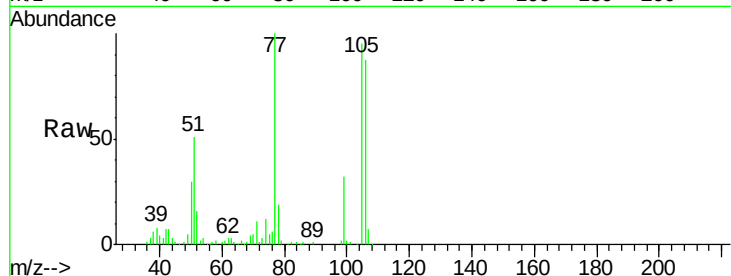
ClientSampleId :

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Tot Ion:	77	Resp:	104770
Ion	Ratio	Lower	Upper
77	100		
105	94.6	71.3	111.3
106	86.6	64.2	104.2

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#10

Phenol

Concen: 37.692 ng

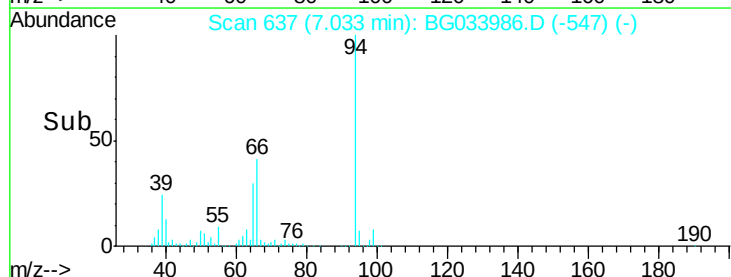
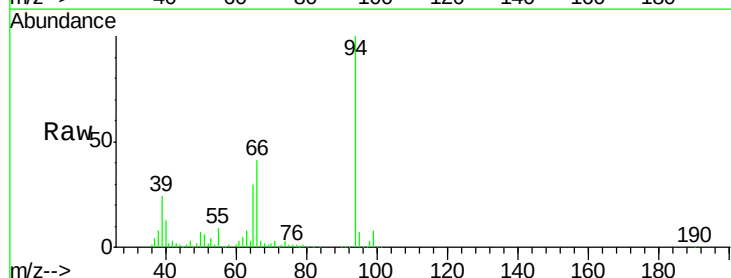
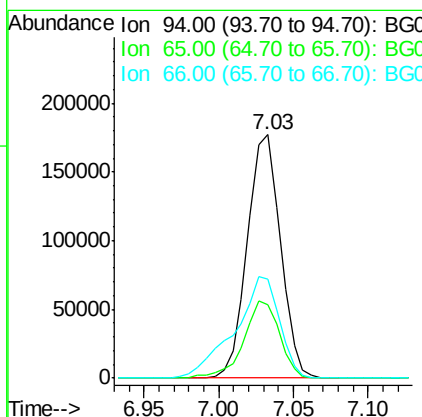
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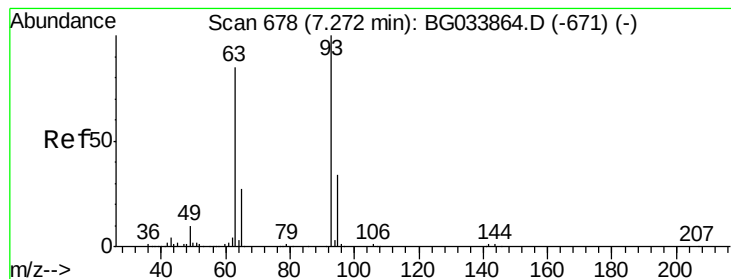
Delta R.T. 0.00 min

Lab File: BG033986.D

Acq: 25 Apr 2018 14:41

Tgt Ion:	94	Resp:	271908
Ion	Ratio	Lower	Upper
94	100		
65	30.1	11.9	51.9
66	40.9	22.2	62.2





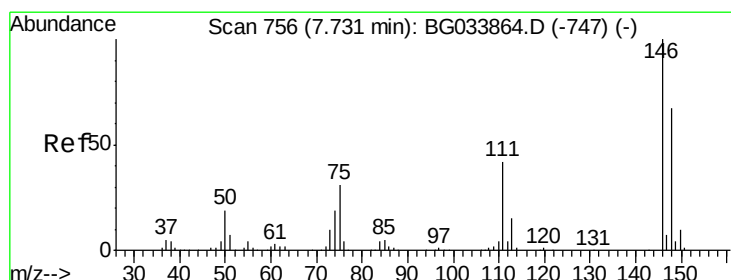
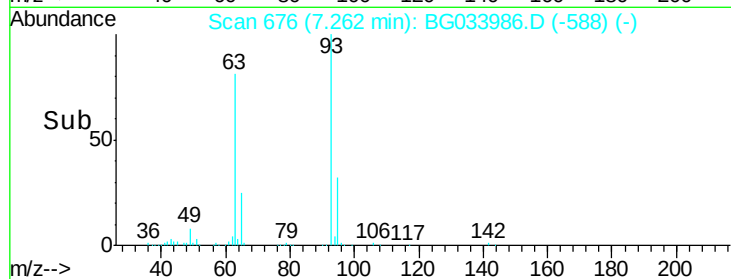
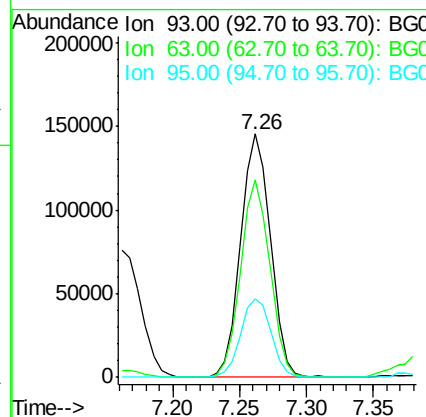
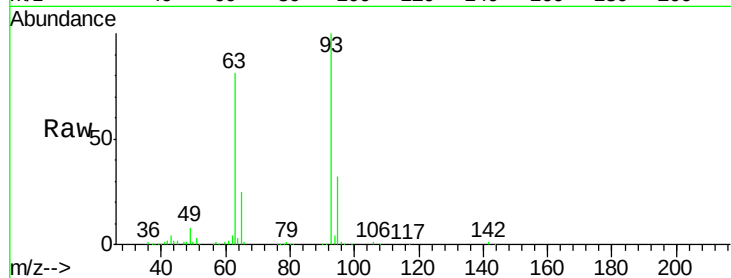
#11
bis(2-Chloroethyl)ether
Concen: 40.889 ng
RT: 7.26 min Scan# 676
Delta R.T. -0.01 min
Lab File: BG033986.D
Acq: 25 Apr 2018 14:41

Instrument :
BNA_G
ClientSampleId :
KS-RO-238MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	81.0	67.1	107.1
95	32.2	11.5	51.5

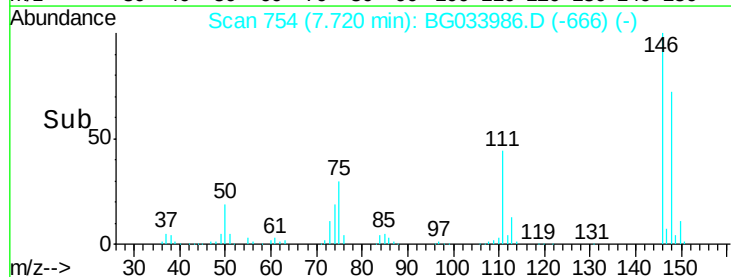
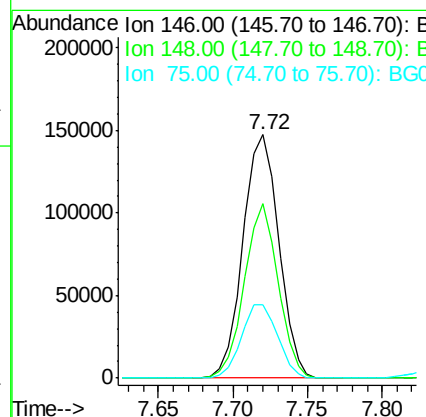
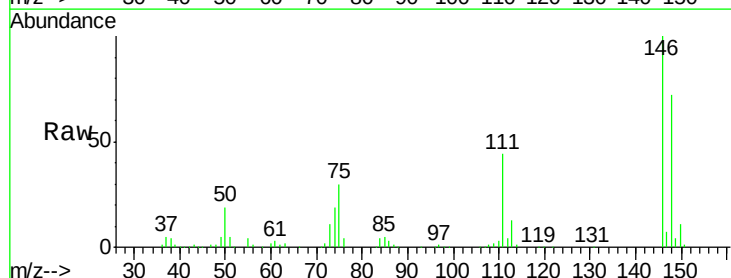
Manual Integrations
APPROVED

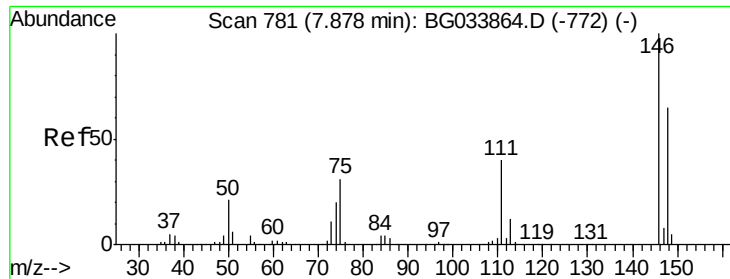
Sohil
4/26/2018 6:16:34 PM



#12
1,3-Dichlorobenzene
Concen: 39.472 ng
RT: 7.72 min Scan# 754
Delta R.T. -0.01 min
Lab File: BG033986.D
Acq: 25 Apr 2018 14:41

Tgt Ion	Ratio	Lower	Upper
146	100		
148	71.8	51.4	77.2
75	29.9	26.6	39.8





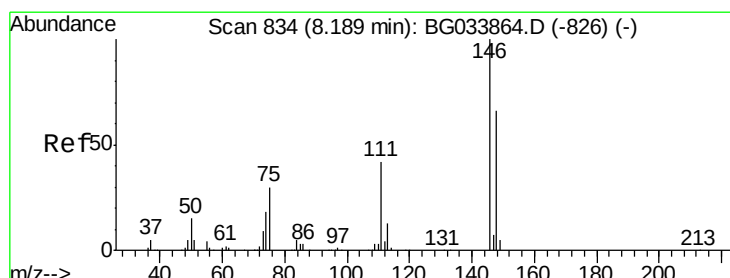
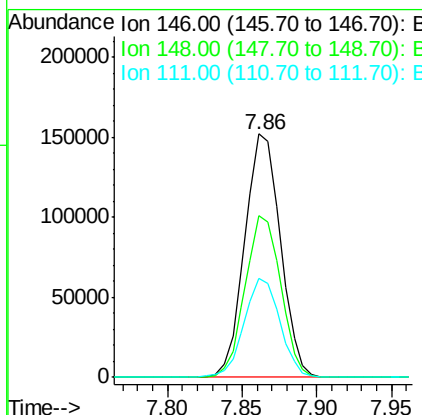
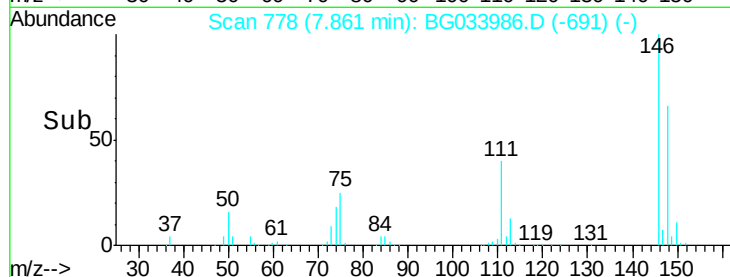
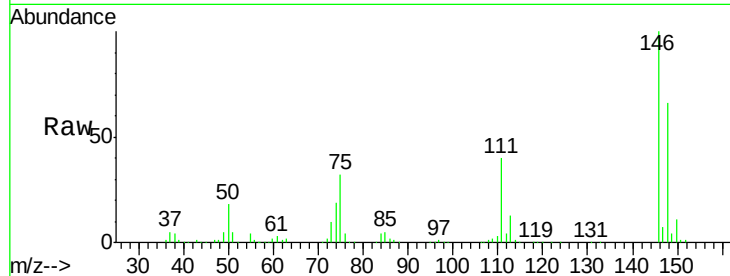
#13
 1,4-Dichlorobenzene
 Concen: 39.834 ng
 RT: 7.86 min Scan# 778
 Delta R.T. -0.02 min
 Lab File: BG033986.D
 Acq: 25 Apr 2018 14:41

Instrument :
 BNA_G
 ClientSampleId :
 KS-RO-238MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.4	53.7	80.5
111	40.5	35.2	52.8

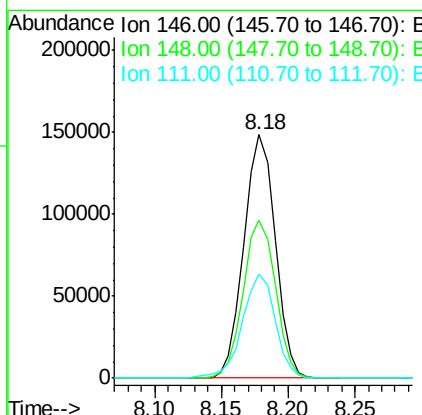
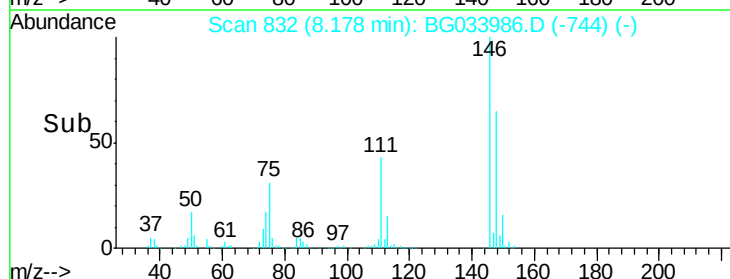
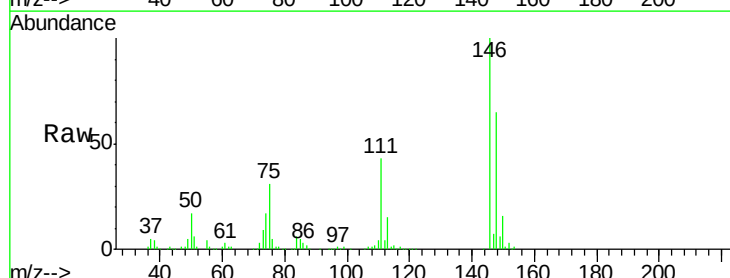
Manual Integrations
 APPROVED

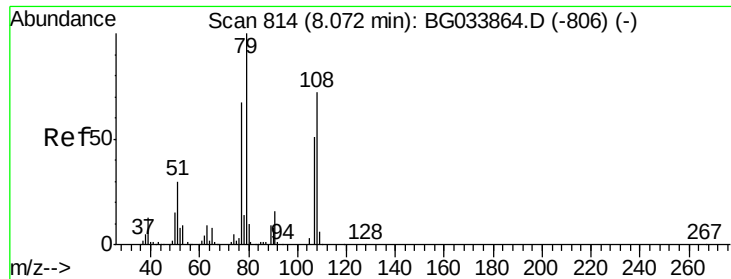
Sohil
 4/26/2018 6:16:34 PM



#14
 1,2-Dichlorobenzene
 Concen: 39.384 ng
 RT: 8.18 min Scan# 832
 Delta R.T. -0.01 min
 Lab File: BG033986.D
 Acq: 25 Apr 2018 14:41

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	49.3	73.9
111	42.5	34.3	51.5





#15

Benzyl Alcohol

Concen: 39.428 ng

RT: 8.07 min Scan# 813

Delta R.T. -0.00 min

Lab File: BG033986.D

Acq: 25 Apr 2018 14:41

Instrument :

BNA_G

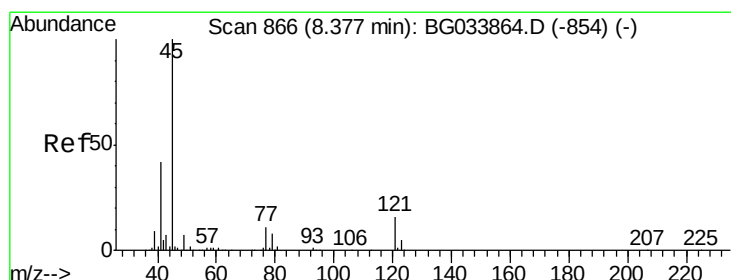
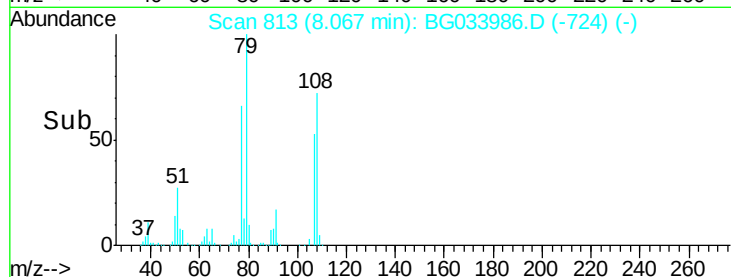
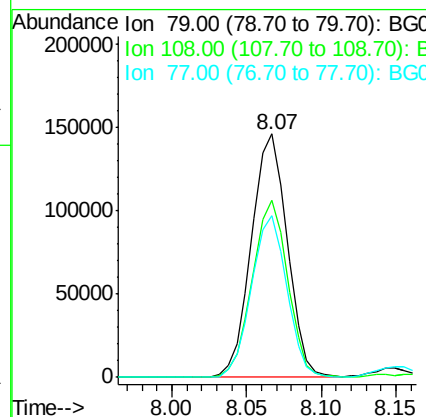
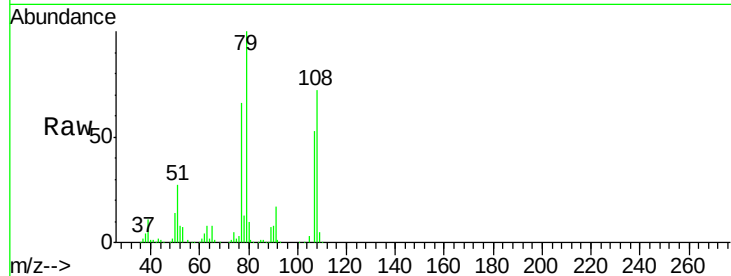
ClientSampleId :

KS-RO-238MS

Tot Ion:	79	Resp:	242106
Ion Ratio	Lower	Upper	
79	100		
108	72.5	57.2	85.8
77	66.2	46.1	69.1

Manual Integrations
APPROVED

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4/26/2018 6:16:34 PM



#16

2,2'-oxybis(1-chloropropane)

Concen: 34.915 ng

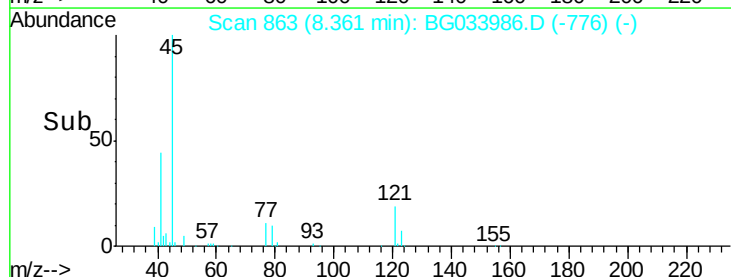
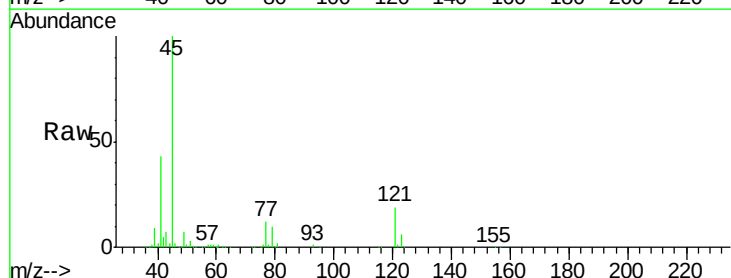
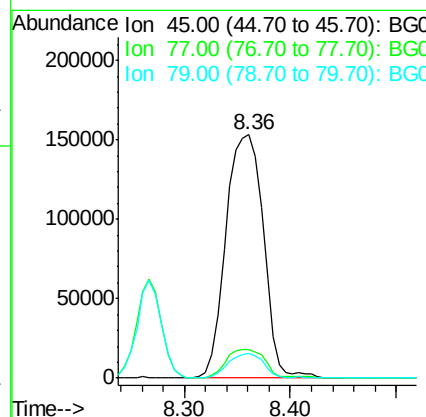
RT: 8.36 min Scan# 863

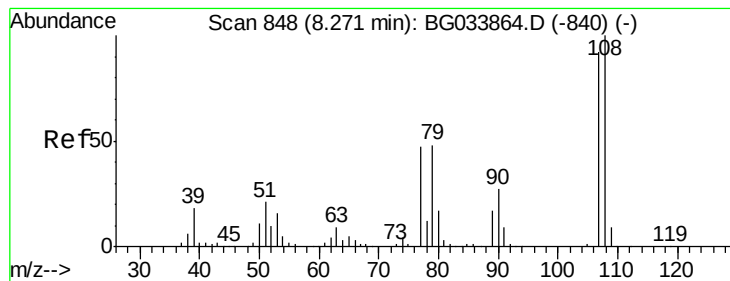
Delta R.T. -0.02 min

Lab File: BG033986.D

Acq: 25 Apr 2018 14:41

Tgt Ion:	45	Resp:	375724
Ion Ratio	Lower	Upper	
45	100		
77	11.8	0.0	30.2
79	10.2	0.0	27.9





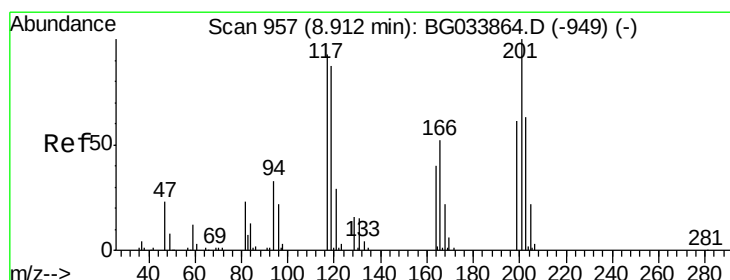
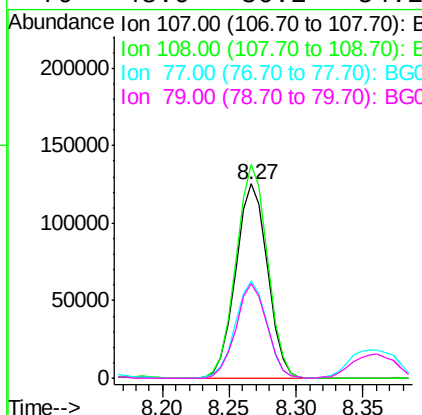
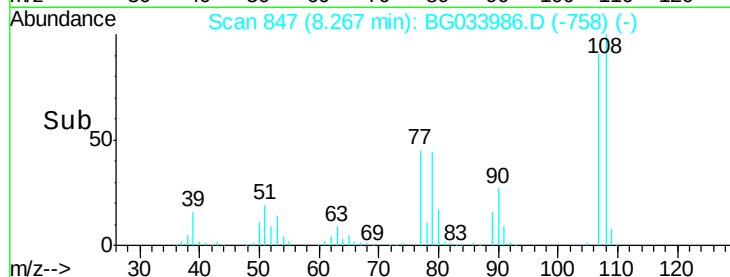
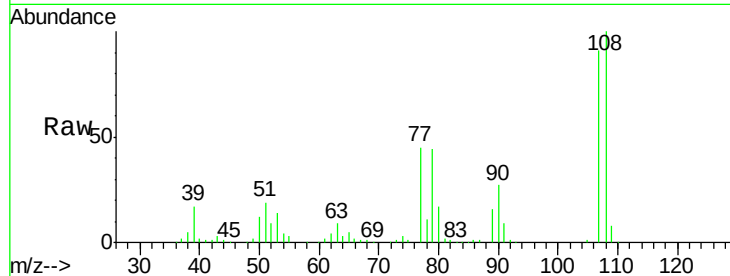
#17
2-Methylphenol
Concen: 38.732 ng
RT: 8.27 min Scan# 847
Delta R.T. -0.00 min
Lab File: BG033986.D
Acq: 25 Apr 2018 14:41

Instrument :
BNA_G
ClientSampleId :
KS-RO-238MS

Tot Ion	107	Resp	207057
Ion Ratio	Lower	Upper	
107	100		
108	110.0	83.9	125.9
77	49.9	37.2	55.8
79	48.9	36.2	54.2

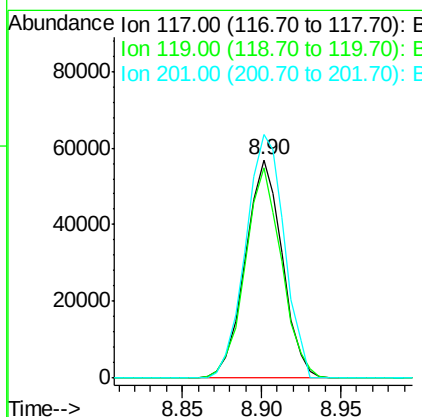
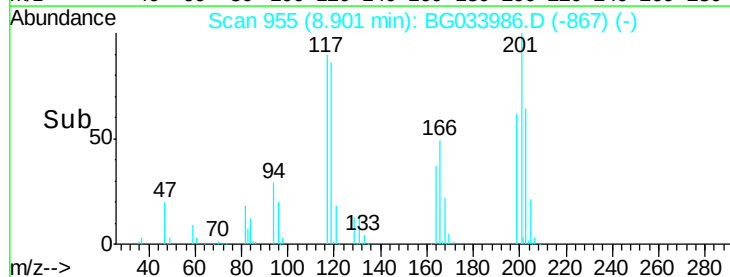
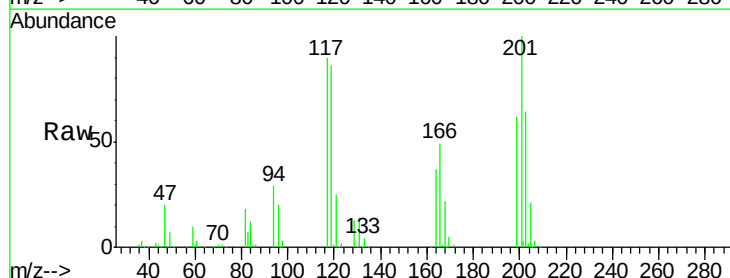
Manual Integrations
APPROVED

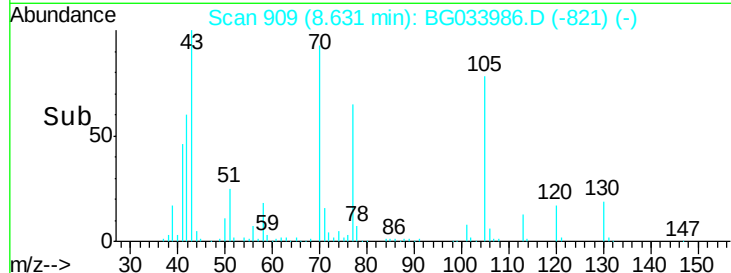
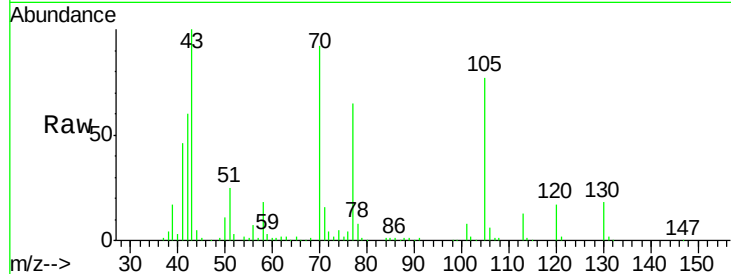
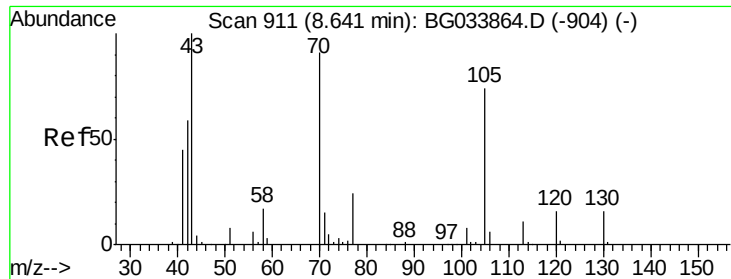
Sohil
4/26/2018 6:16:34 PM



#18
Hexachloroethane
Concen: 39.973 ng
RT: 8.90 min Scan# 955
Delta R.T. -0.01 min
Lab File: BG033986.D
Acq: 25 Apr 2018 14:41

Tgt Ion	117	Resp	92133
Ion Ratio	Lower	Upper	
117	100		
119	97.5	76.7	115.1
201	114.4	95.7	143.5





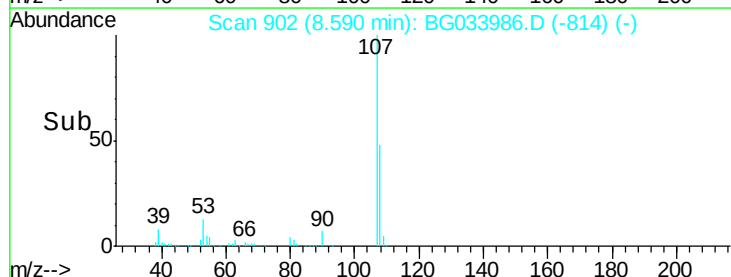
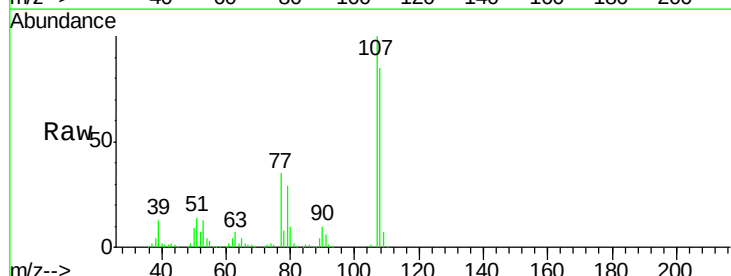
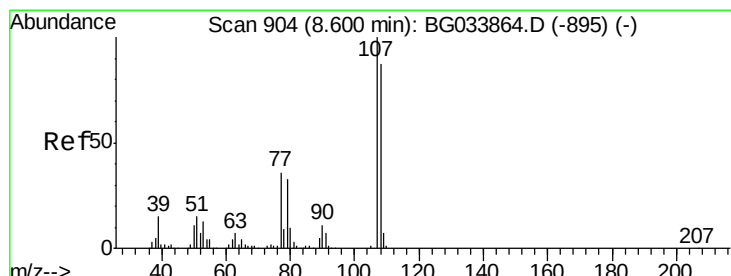
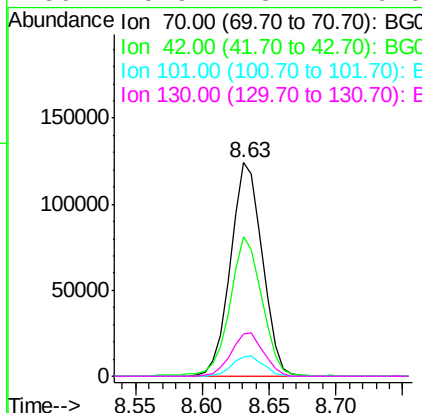
#19
n-Nitroso-di-n-propylamine
Concen: 34.218 ng
RT: 8.63 min Scan# 909
Delta R.T. -0.01 min
Lab File: BG033986.D
Acq: 25 Apr 2018 14:41

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	65.2	49.1	73.7	
101	9.1	8.5	12.7	
130	19.9	13.4	20.0	

Instrument :
BNA_G
ClientSampleId :
KS-RO-238MS

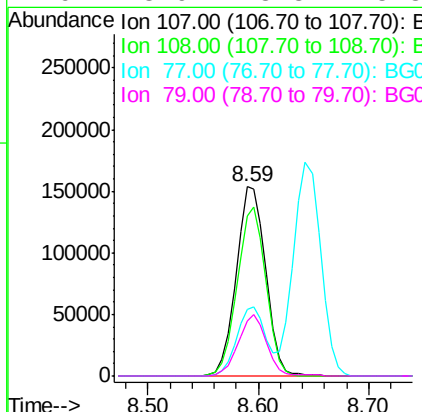
Manual Integrations
APPROVED

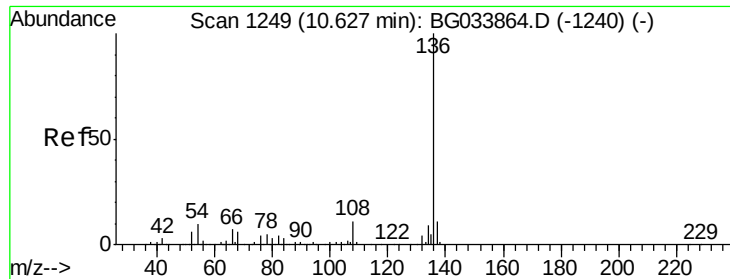
Sohil
4/26/2018 6:16:34 PM



#20
3+4-Methylphenols
Concen: 37.059 ng
RT: 8.59 min Scan# 902
Delta R.T. -0.01 min
Lab File: BG033986.D
Acq: 25 Apr 2018 14:41

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	85.0	61.6	101.6	
77	35.0	13.9	53.9	
79	28.9	8.8	48.8	





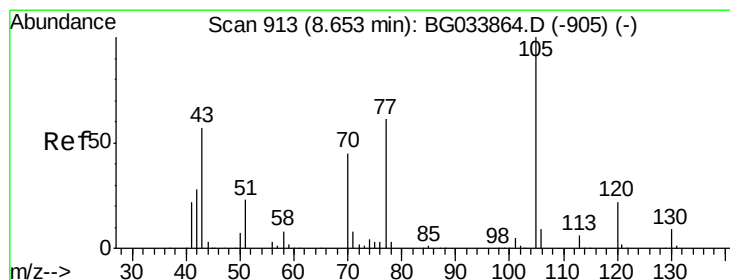
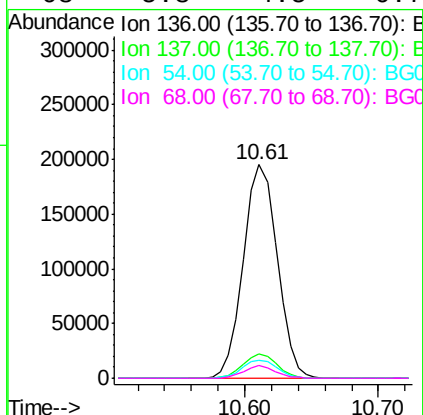
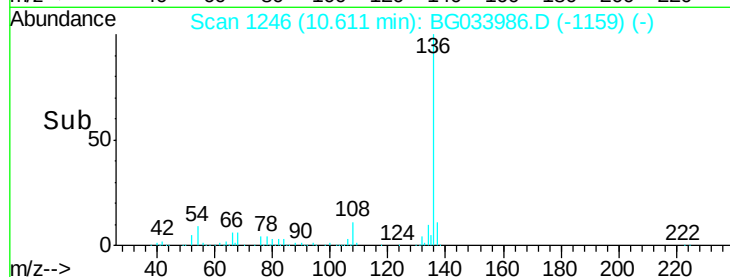
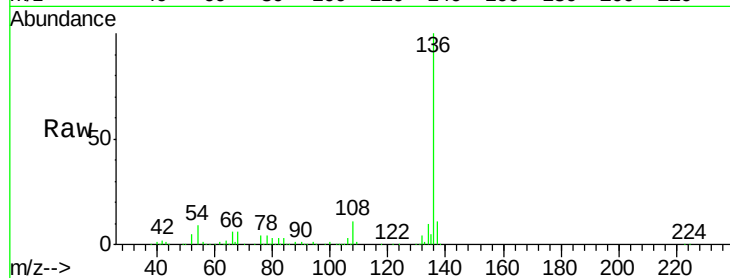
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.61 min Scan# 1246
Delta R.T. -0.02 min
Lab File: BG033986.D
Acq: 25 Apr 2018 14:41

Instrument :
BNA_G
ClientSampleId :
KS-RO-238MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	9.2	13.8	
54	8.6	10.3	15.5	
68	5.8	4.5	6.7	

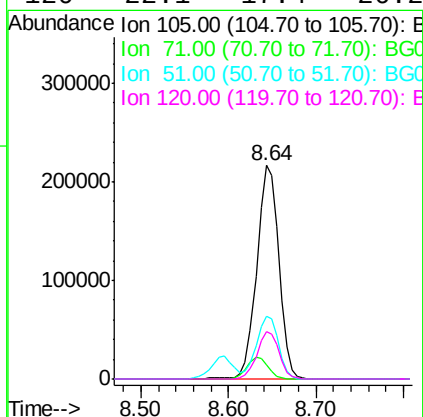
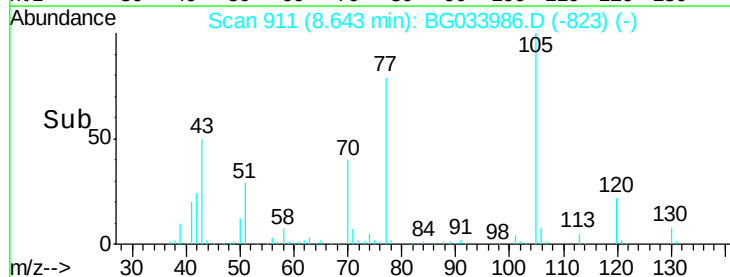
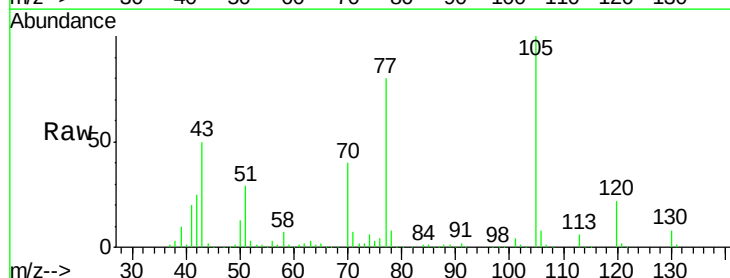
Manual Integrations
APPROVED

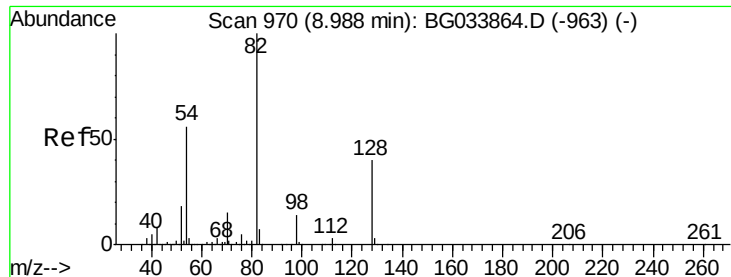
Sohil
4/26/2018 6:16:34 PM



#22
Acetophenone
Concen: 40.037 ng
RT: 8.64 min Scan# 911
Delta R.T. -0.01 min
Lab File: BG033986.D
Acq: 25 Apr 2018 14:41

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	6.7	3.0	4.4	
51	29.4	26.1	39.1	
120	22.1	17.4	26.2	





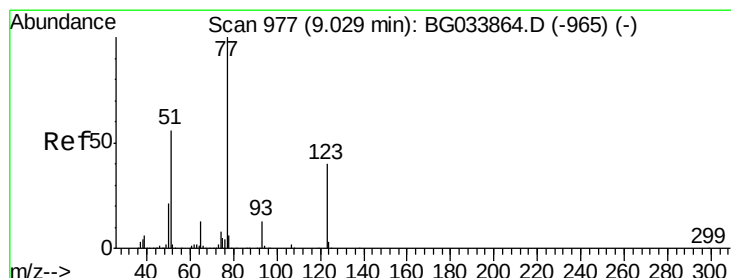
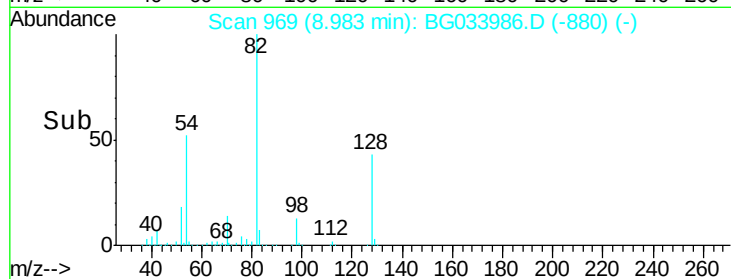
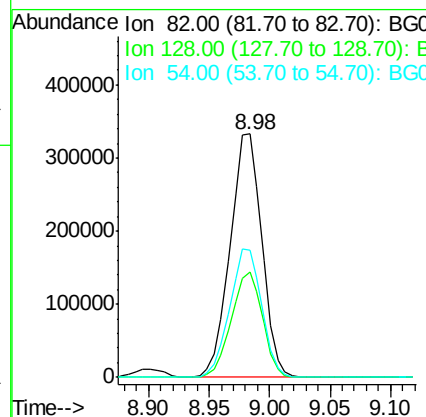
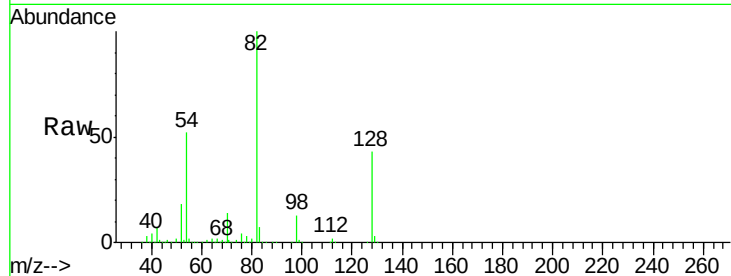
#23
 Nitrobenzene-d5
 Concen: 100.547 ng
 RT: 8.98 min Scan# 969
 Delta R.T. -0.00 min
 Lab File: BG033986.D
 Acq: 25 Apr 2018 14:41

Instrument :
 BNA_G
 ClientSampleId :
 KS-RO-238MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.2	29.7	44.5
54	52.1	43.1	64.7

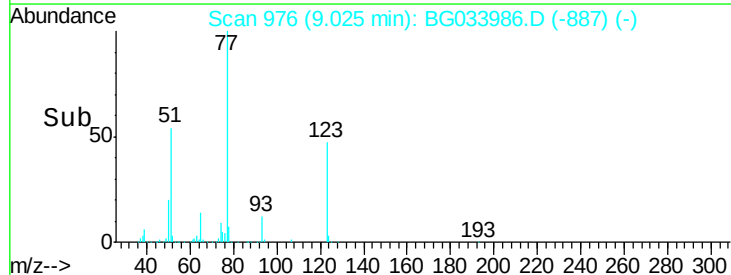
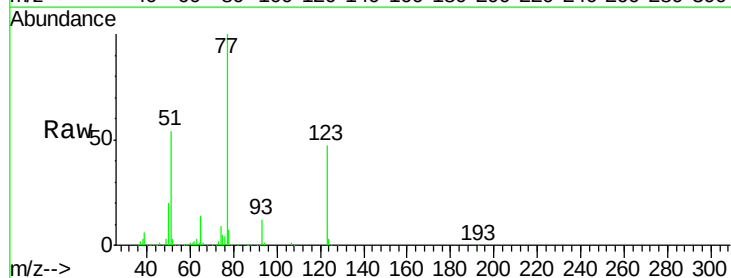
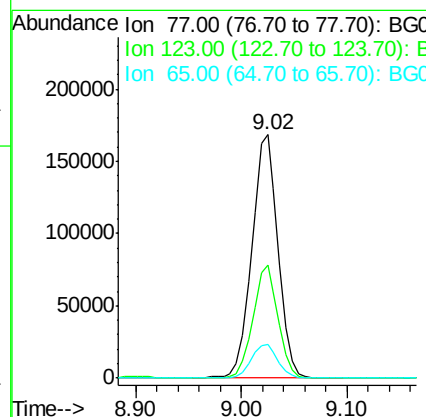
Manual Integrations
 APPROVED

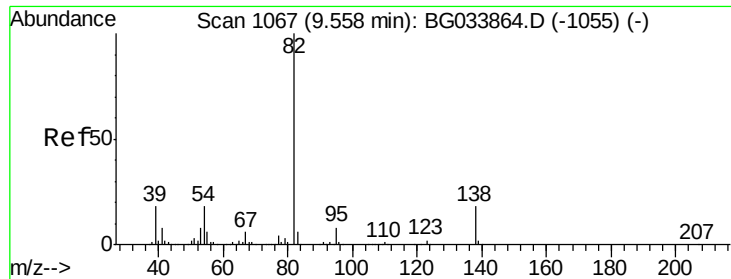
Sohil
 4/26/2018 6:16:34 PM



#24
 Nitrobenzene
 Concen: 43.985 ng
 RT: 9.02 min Scan# 976
 Delta R.T. -0.00 min
 Lab File: BG033986.D
 Acq: 25 Apr 2018 14:41

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.7	33.0	49.6
65	13.9	13.0	19.6





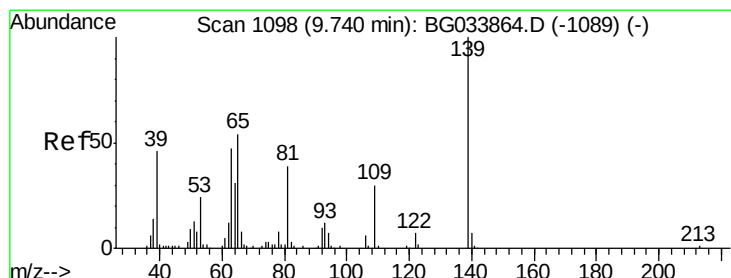
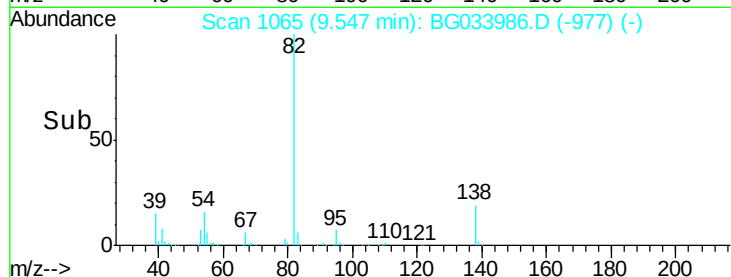
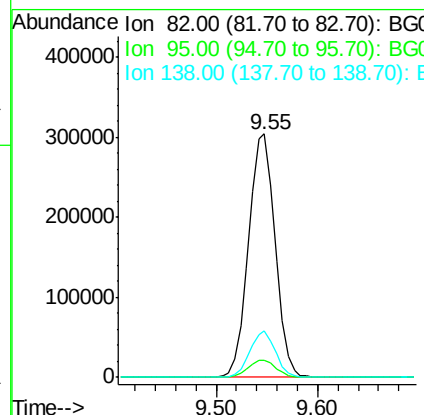
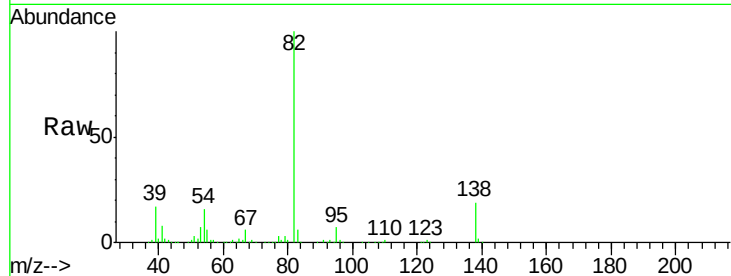
#25
Isophorone
Concen: 40.656 ng
RT: 9.55 min Scan# 1065
Delta R.T. -0.01 min
Lab File: BG033986.D
Acq: 25 Apr 2018 14:41

Instrument :
BNA_G
ClientSampleId :
KS-RO-238MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	551596		
95	7.2		6.2	9.2
138	19.2		12.1	18.1

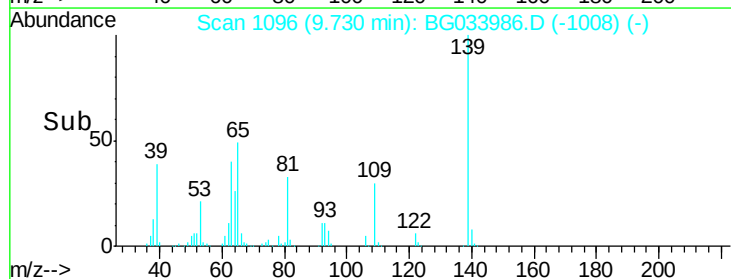
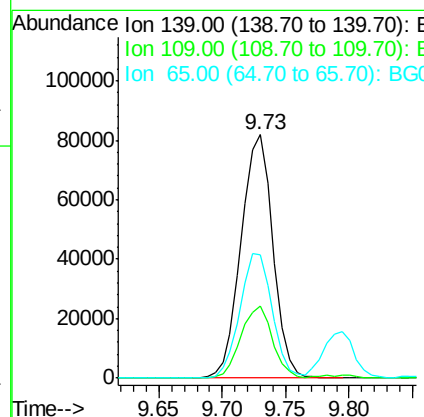
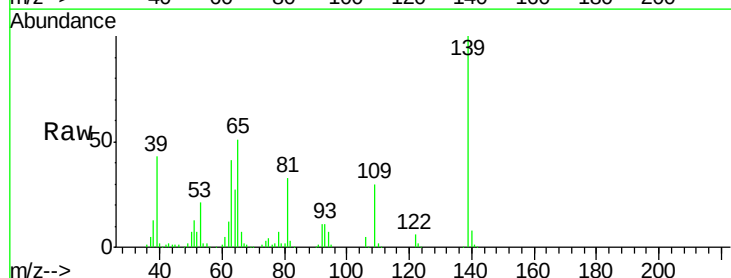
Manual Integrations
APPROVED

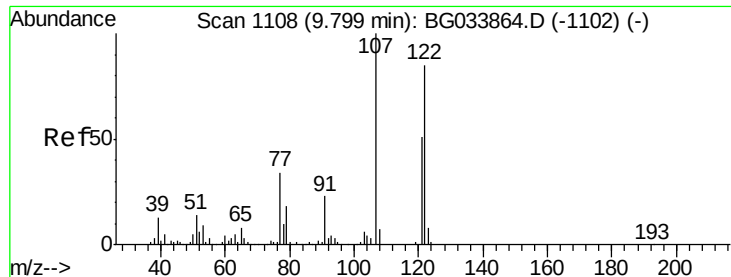
Sohil
4/26/2018 6:16:34 PM



#26
2-Nitrophenol
Concen: 54.806 ng
RT: 9.73 min Scan# 1096
Delta R.T. -0.01 min
Lab File: BG033986.D
Acq: 25 Apr 2018 14:41

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	142400		
109	29.8		24.2	36.2
65	50.8		47.4	71.0





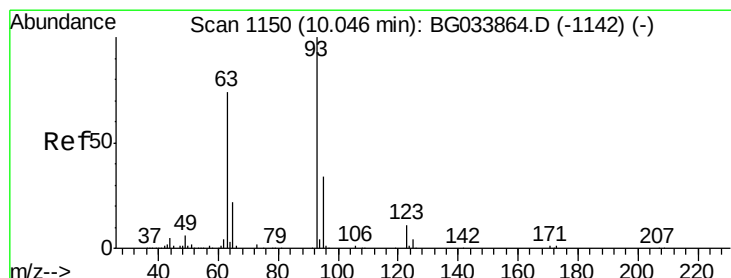
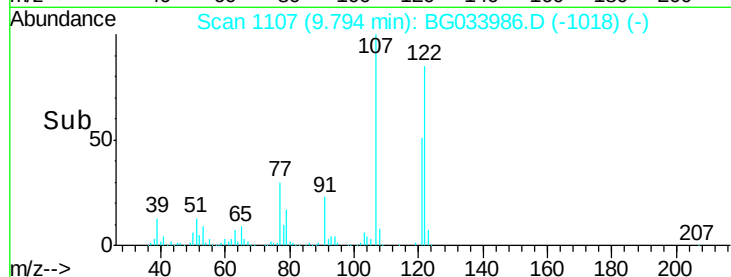
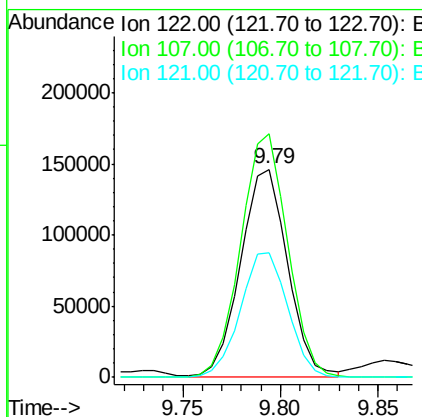
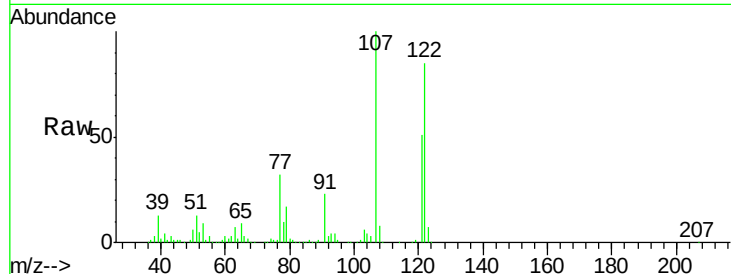
#27
 2,4-Dimethylphenol
 Concen: 50.178 ng
 RT: 9.79 min Scan# 1107
 Delta R.T. -0.00 min
 Lab File: BG033986.D
 Acq: 25 Apr 2018 14:41

Instrument :
 BNA_G
 ClientSampleId :
 KS-RO-238MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	117.0	100.2	150.2
121	59.7	44.4	66.6

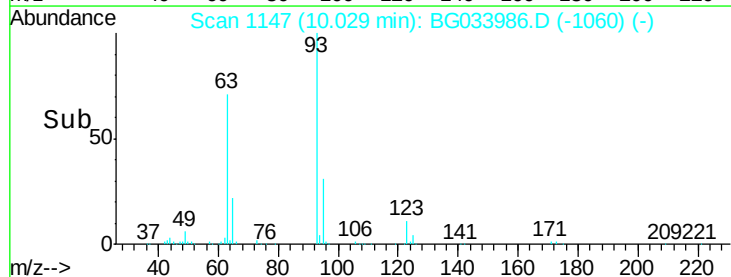
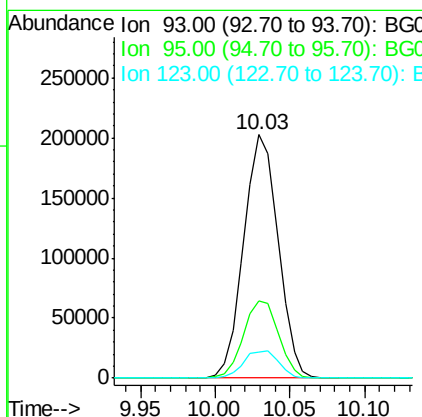
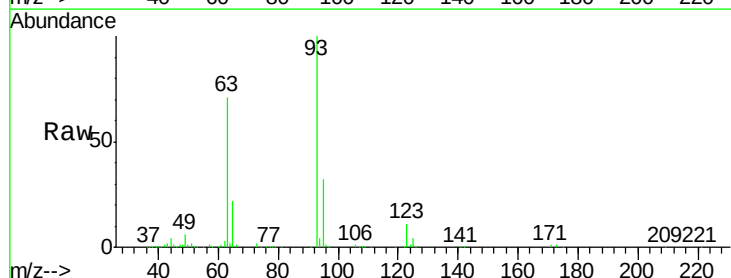
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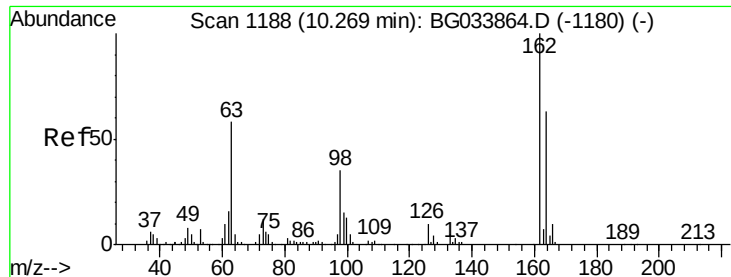
Sohil
 4/26/2018 6:16:34 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 45.265 ng
 RT: 10.03 min Scan# 1147
 Delta R.T. -0.02 min
 Lab File: BG033986.D
 Acq: 25 Apr 2018 14:41

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.9	24.3	36.5
123	10.8	8.4	12.6





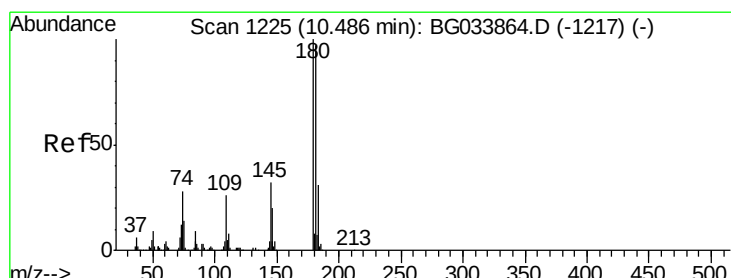
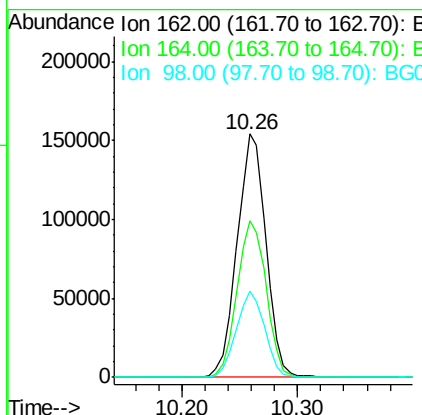
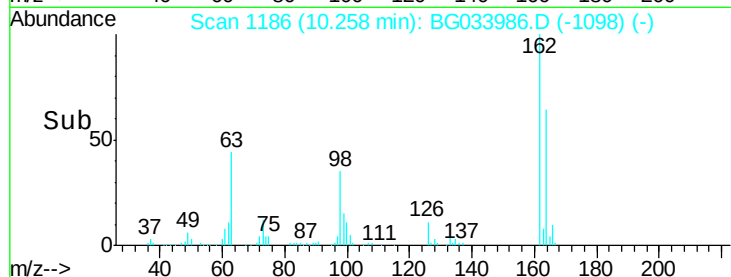
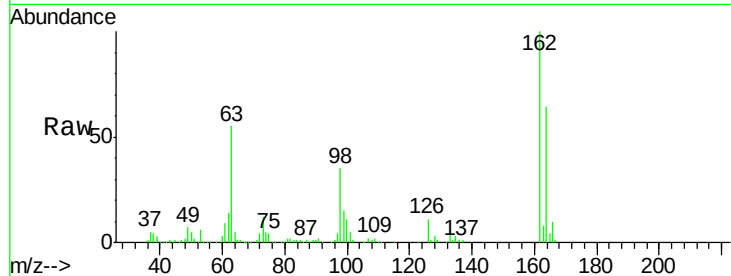
#29
2,4-Dichlorophenol
Concen: 49.158 ng
RT: 10.26 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BG033986.D
Acq: 25 Apr 2018 14:41

Instrument :
BNA_G
ClientSampleId :
KS-RO-238MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	266324		
164	64.2	48.0	88.0	
98	35.3	21.1	61.1	

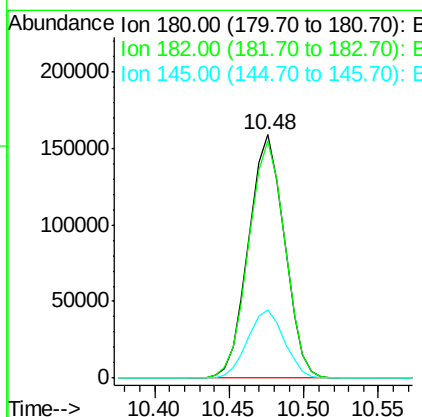
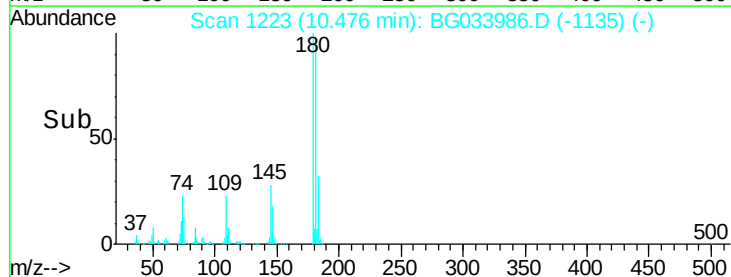
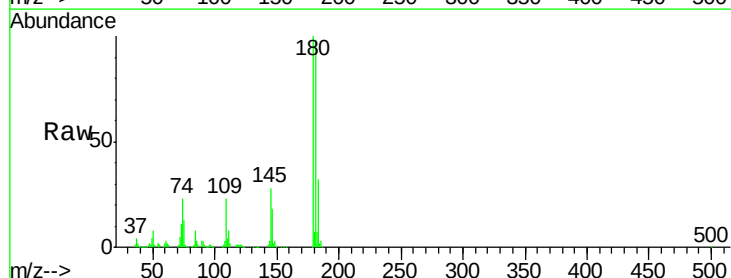
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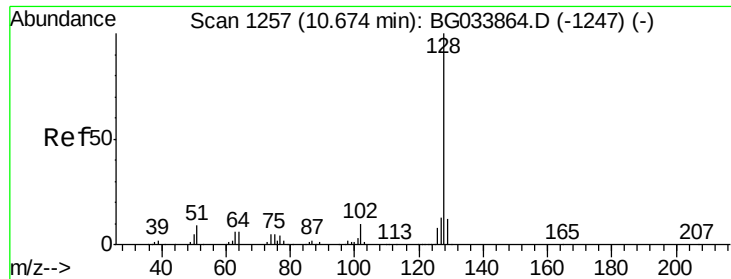
Sohil
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#30
1,2,4-Trichlorobenzene
Concen: 43.643 ng
RT: 10.48 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BG033986.D
Acq: 25 Apr 2018 14:41

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	264826		
182	97.6	77.5	116.3	
145	28.3	23.4	35.2	





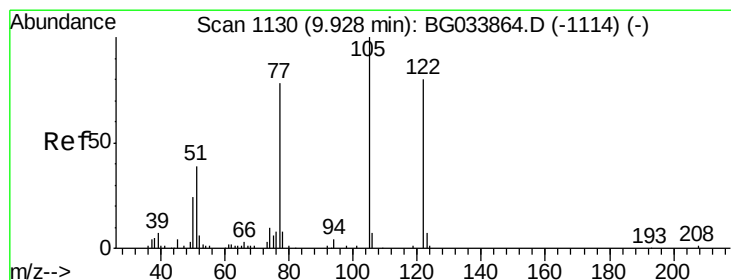
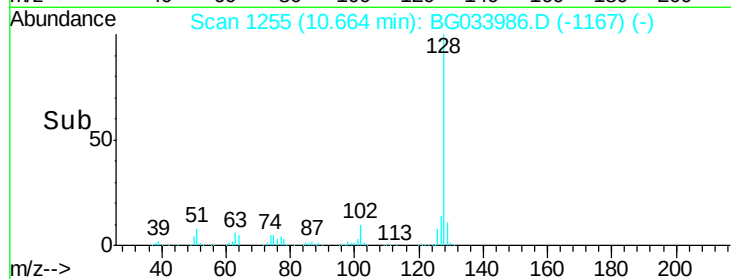
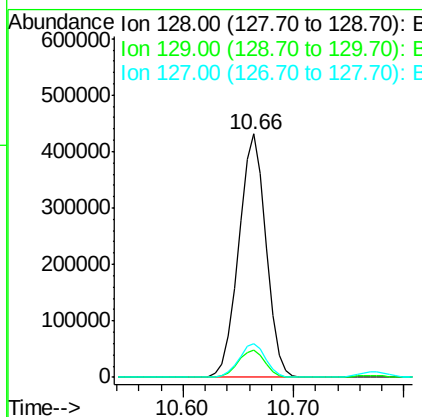
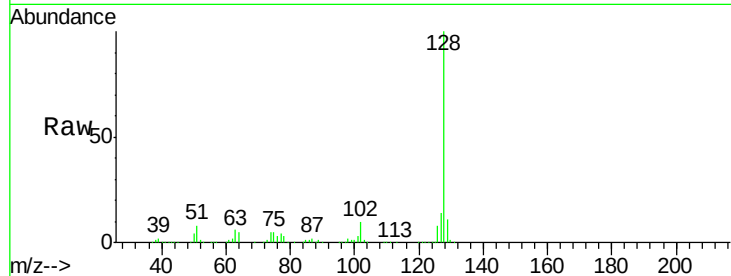
#31
Naphthalene
Concen: 42.051 ng
RT: 10.66 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BG033986.D
Acq: 25 Apr 2018 14:41

Instrument :
BNA_G
ClientSampleId :
KS-RO-238MS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	742639		
129	11.0		8.6	12.8
127	13.8		11.6	17.4

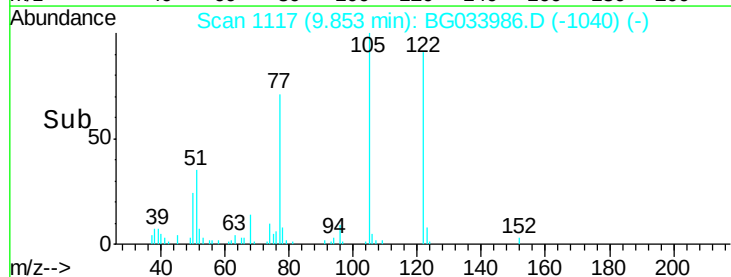
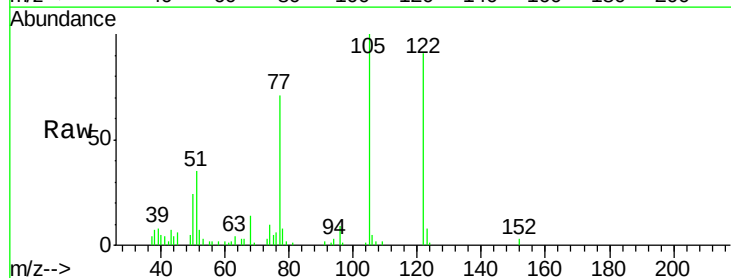
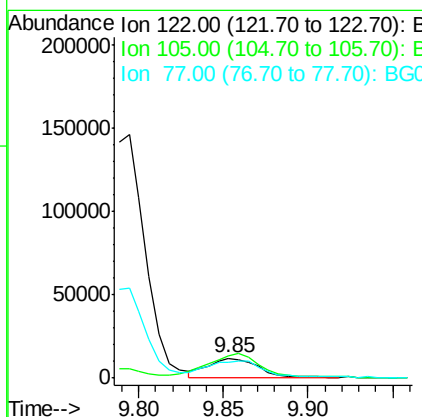
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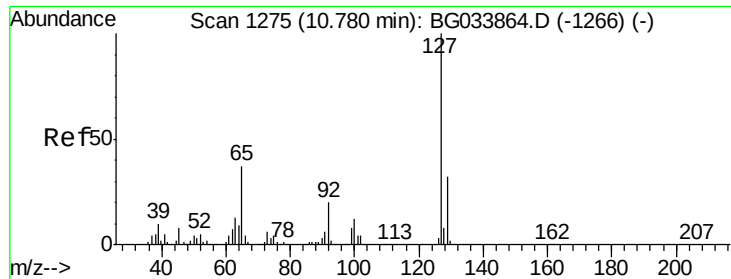
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#32
Benzoic acid
Concen: 9.499 ng
RT: 9.85 min Scan# 1117
Delta R.T. -0.07 min
Lab File: BG033986.D
Acq: 25 Apr 2018 14:41

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	23920		
105	109.5		123.5	163.5#
77	77.6		85.7	125.7#





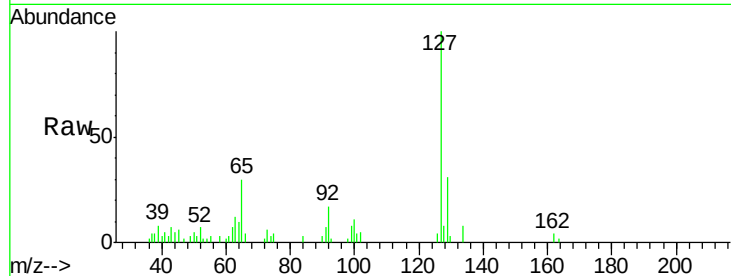
#33
4-Chloroaniline
Concen: 2.382 ng
RT: 10.78 min Scan# 1274
Delta R.T. -0.00 min
Lab File: BG033986.D
Acq: 25 Apr 2018 14:41

Instrument :
BNA_G
ClientSampleId :
KS-RO-238MS

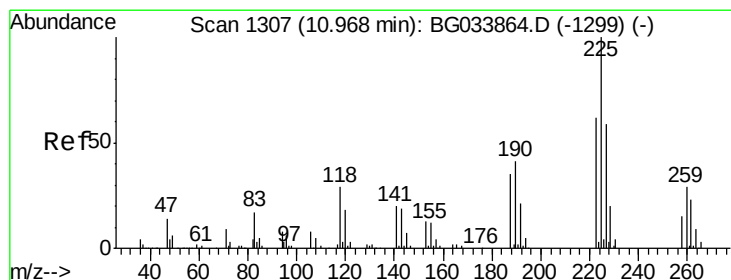
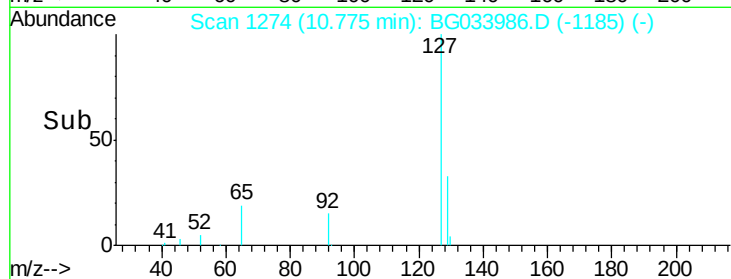
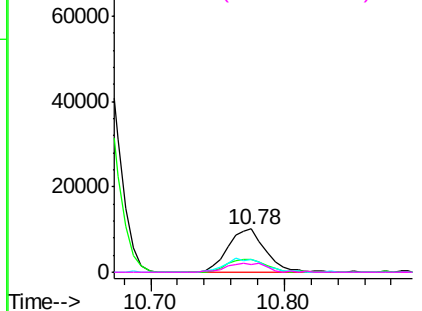
Tot Ion	Ratio	Lower	Upper
127	100		
129	30.6	24.0	36.0
65	29.6	27.0	40.4
92	16.8	16.6	25.0

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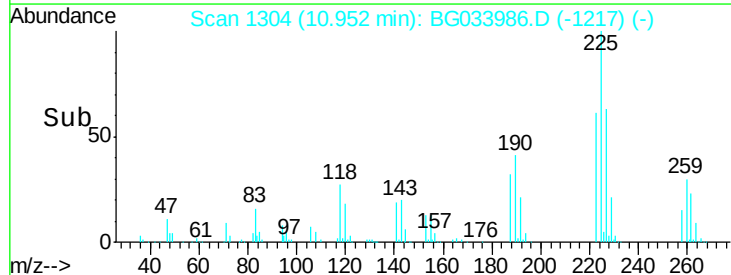
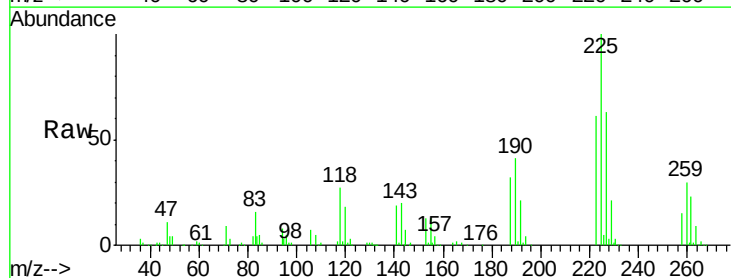
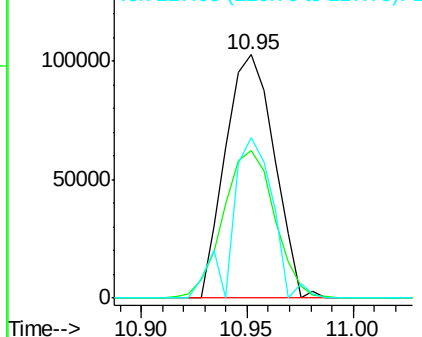
Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

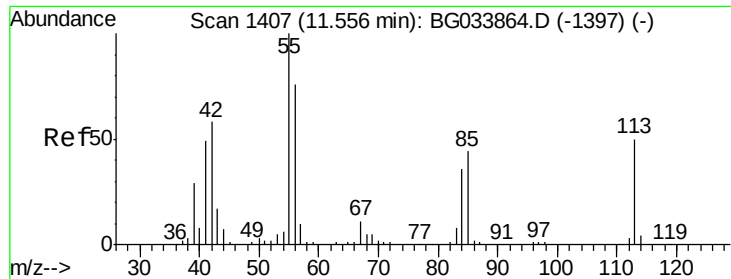


#34
Hexachlorobutadiene
Concen: 45.336 ng
RT: 10.95 min Scan# 1304
Delta R.T. -0.02 min
Lab File: BG033986.D
Acq: 25 Apr 2018 14:41

Tgt Ion	Ratio	Lower	Upper
225	100		
223	58.1	49.7	74.5
227	62.8	48.1	72.1

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





#35

Caprolactam

Concen: 32.332 ng/mL

RT: 11.55 min Scan# 1405

Delta R.T. -0.01 min

Lab File: BG033986.D

Acq: 25 Apr 2018 14:41

Instrument :

BNA_G

ClientSampleId :

KS-RO-238MS

Tot Ion: 113 Resp: 74473

Ion Ratio Lower Upper

113 100

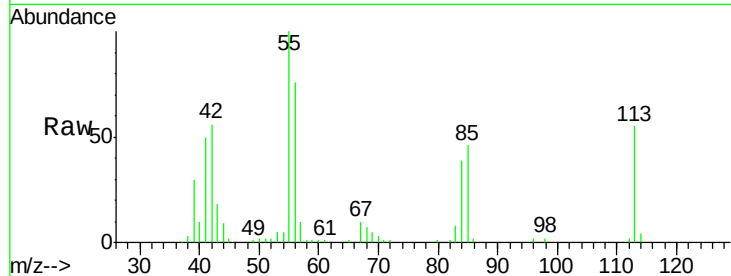
55 182.1 186.9 226.9#

56 138.8 130.9 170.9

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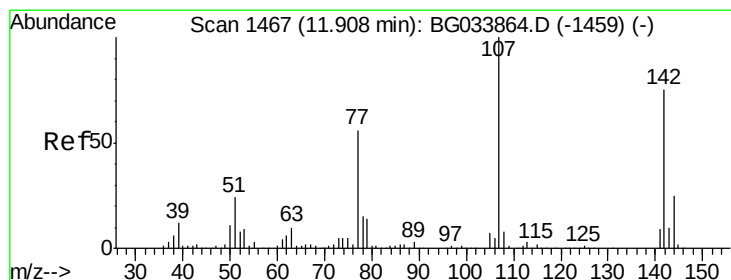
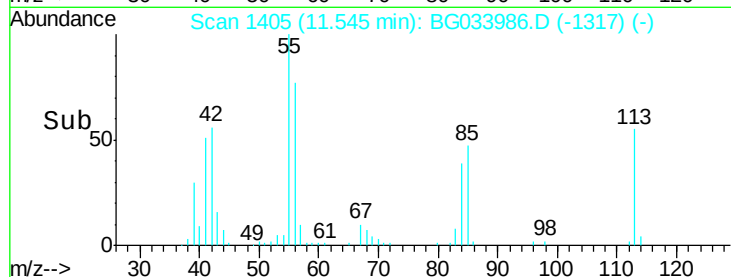
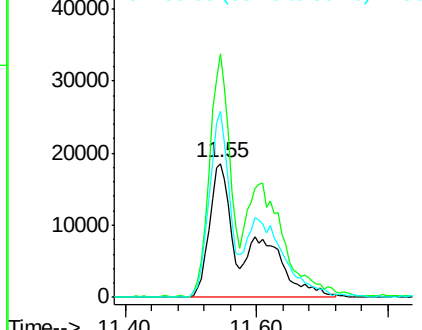
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 41.399 ng/mL

RT: 11.90 min Scan# 1465

Delta R.T. -0.01 min

Lab File: BG033986.D

Acq: 25 Apr 2018 14:41

Tgt Ion: 107 Resp: 273747

Ion Ratio Lower Upper

107 100

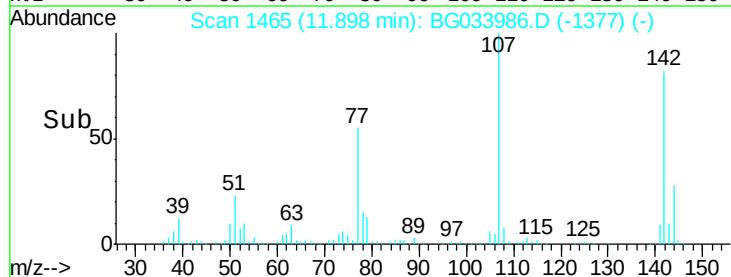
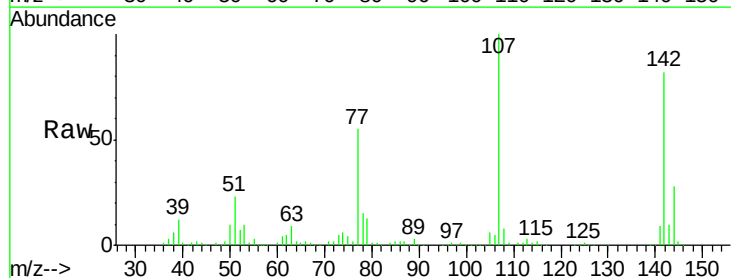
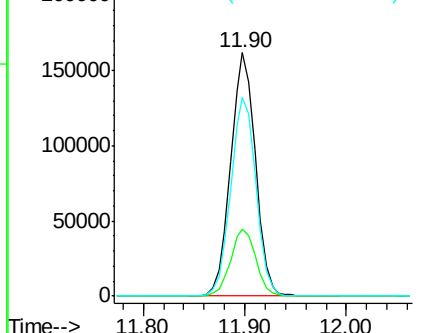
144 27.7 18.2 27.4#

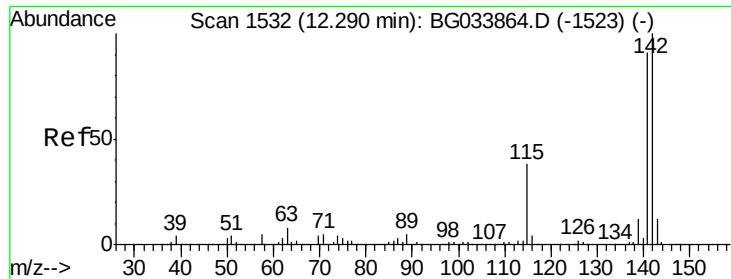
142 81.7 59.0 88.4

Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





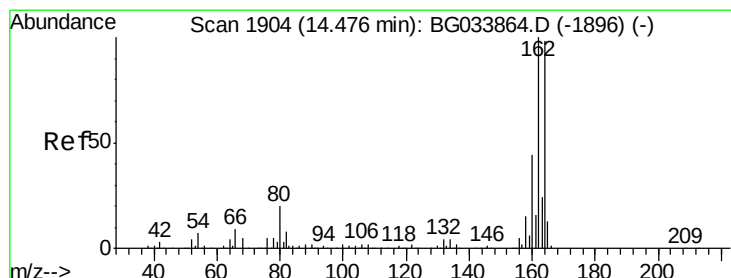
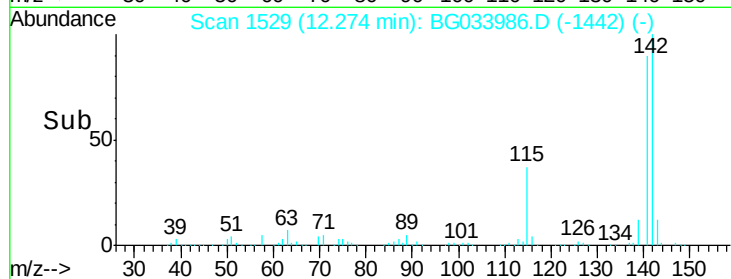
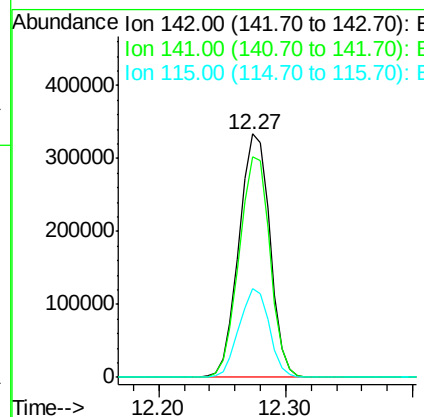
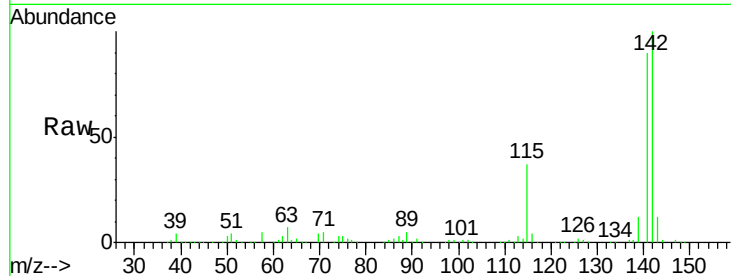
#37
2-Methylnaphthalene
Concen: 41.676 ng
RT: 12.27 min Scan# 1529
Delta R.T. -0.02 min
Lab File: BG033986.D
Acq: 25 Apr 2018 14:41

Instrument :
BNA_G
ClientSampleId :
KS-RO-238MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.5	67.1	100.7
115	36.5	30.7	46.1

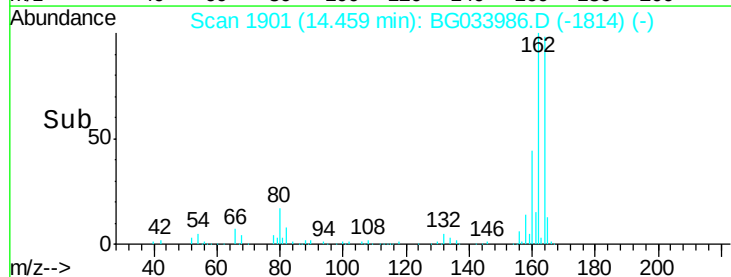
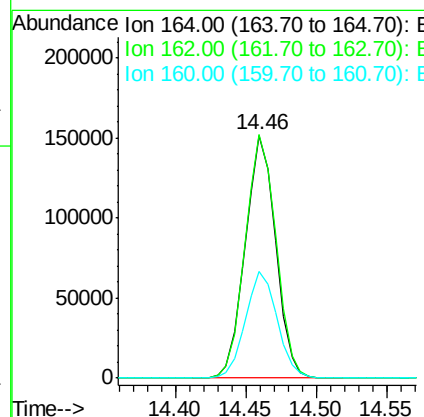
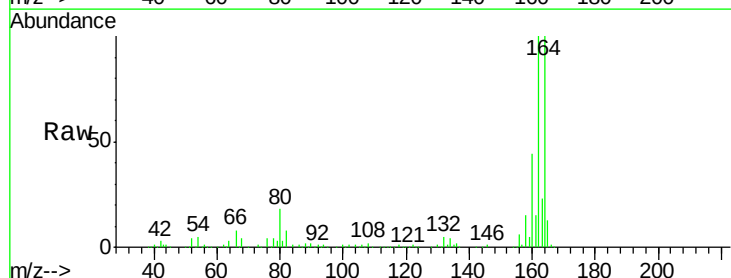
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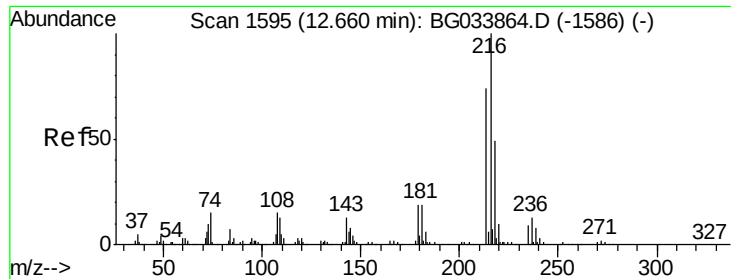
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.46 min Scan# 1901
Delta R.T. -0.02 min
Lab File: BG033986.D
Acq: 25 Apr 2018 14:41

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.2	78.8	118.2
160	43.7	35.4	53.0





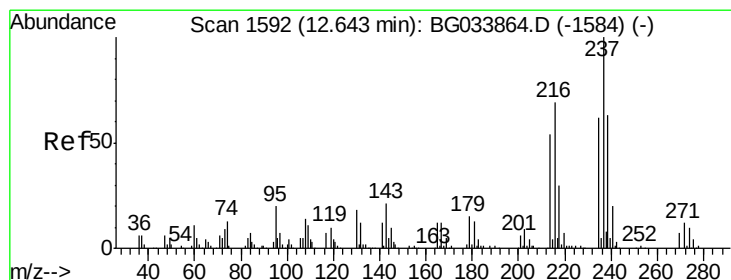
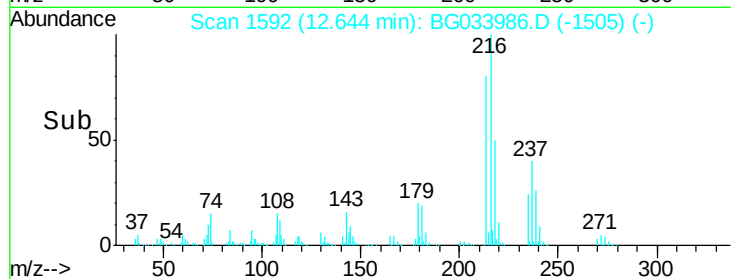
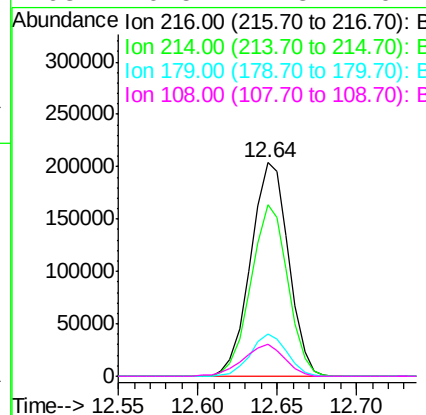
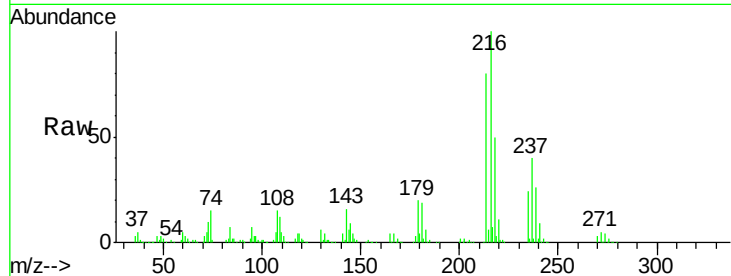
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.513 ng
 RT: 12.64 min Scan# 1592
 Delta R.T. -0.02 min
 Lab File: BG033986.D
 Acq: 25 Apr 2018 14:41

Instrument :
 BNA_G
 ClientSampleId :
 KS-RO-238MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	216	100			
214	214	77.9	63.0	94.4	
179	179	18.9	17.0	25.6	
108	108	16.5	12.8	19.2	

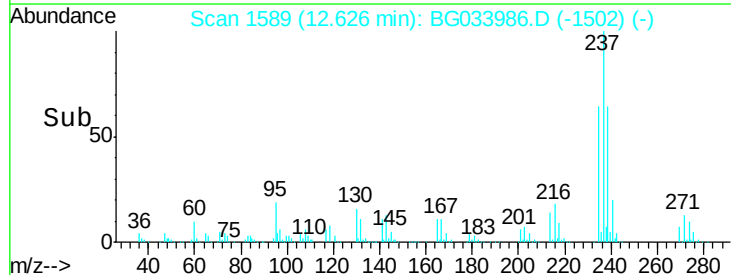
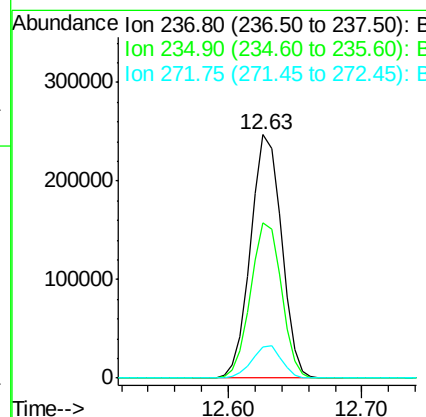
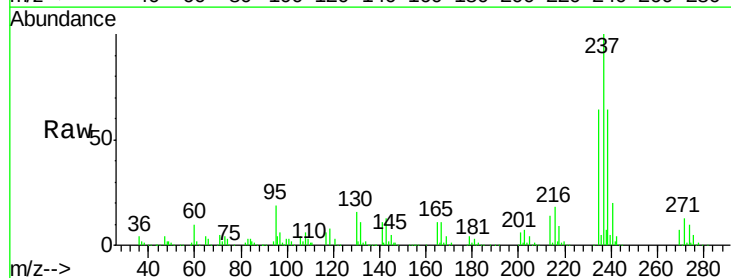
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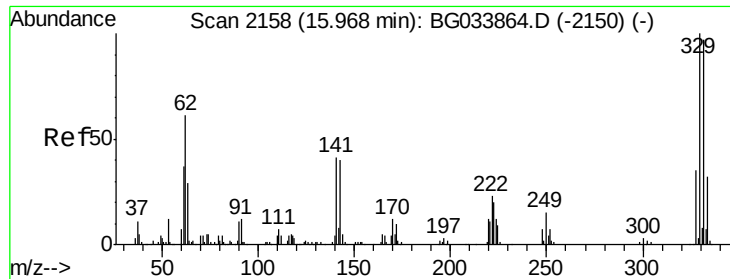
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#40
 Hexachlorocyclopentadiene
 Concen: 94.248 ng
 RT: 12.63 min Scan# 1589
 Delta R.T. -0.02 min
 Lab File: BG033986.D
 Acq: 25 Apr 2018 14:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	237	100			
235	235	63.9	50.4	90.4	
272	272	12.8	0.0	31.8	





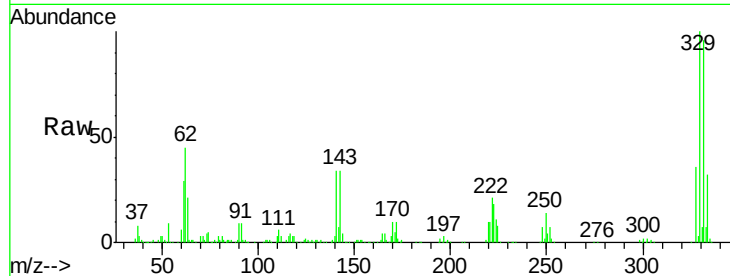
#41
 2,4,6-Tribromophenol
 Concen: 158.815 ng
 RT: 15.96 min Scan# 2156
 Delta R.T. -0.01 min
 Lab File: BG033986.D
 Acq: 25 Apr 2018 14:41

Instrument :
 BNA_G
 ClientSampleId :
 KS-RO-238MS

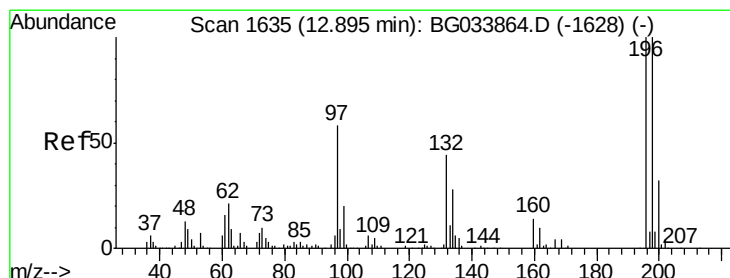
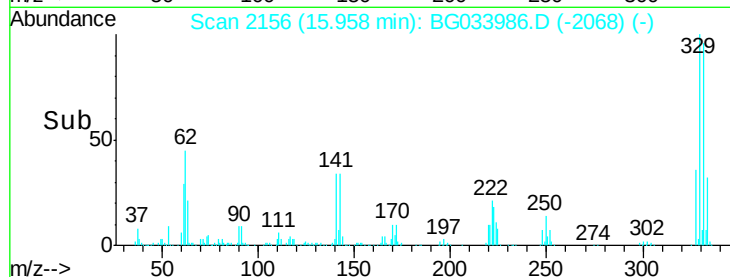
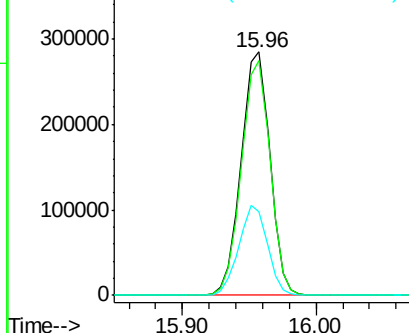
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.9	77.0	115.6	
141	36.9	25.2	37.8	

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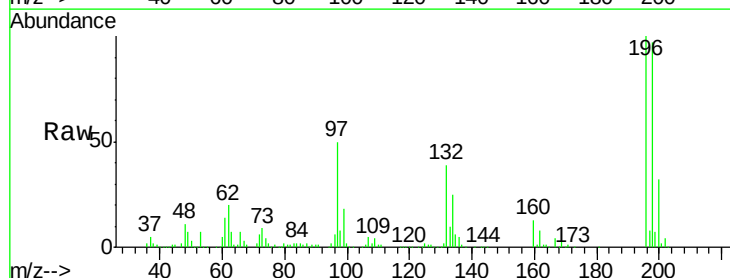


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

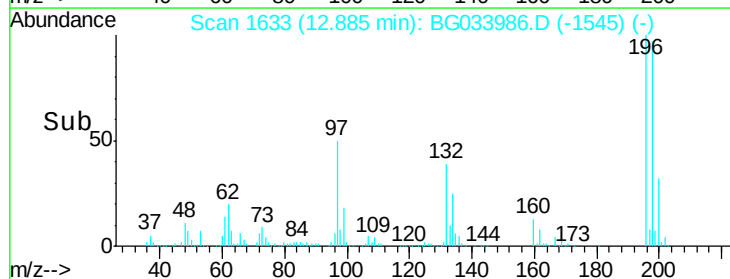
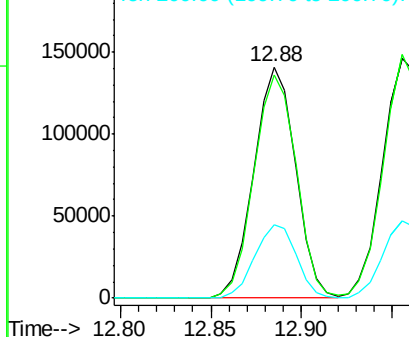


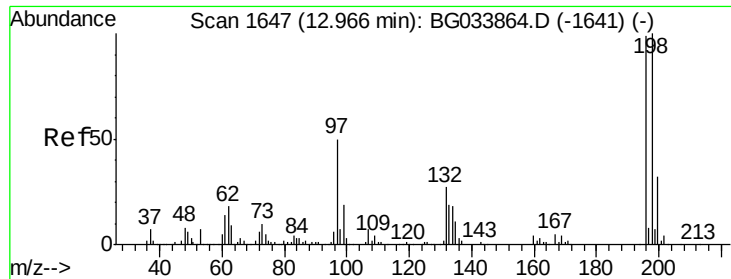
#42
 2,4,6-Trichlorophenol
 Concen: 48.642 ng
 RT: 12.88 min Scan# 1633
 Delta R.T. -0.01 min
 Lab File: BG033986.D
 Acq: 25 Apr 2018 14:41

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	103.8	78.2	117.2	
200	33.7	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





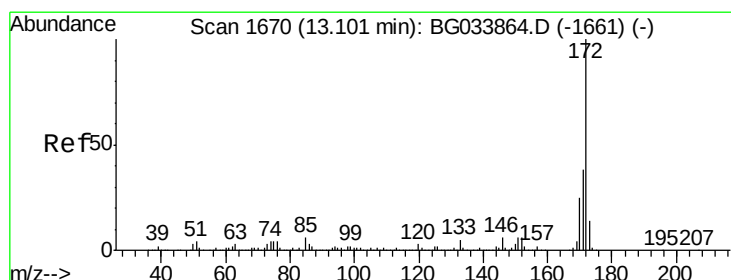
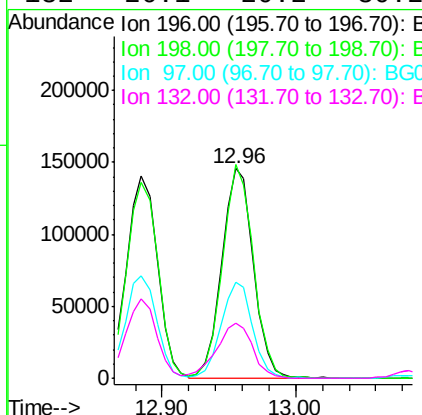
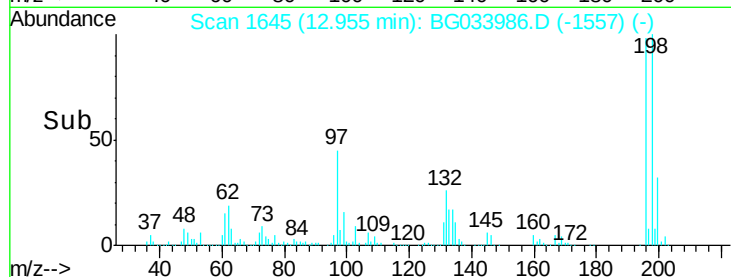
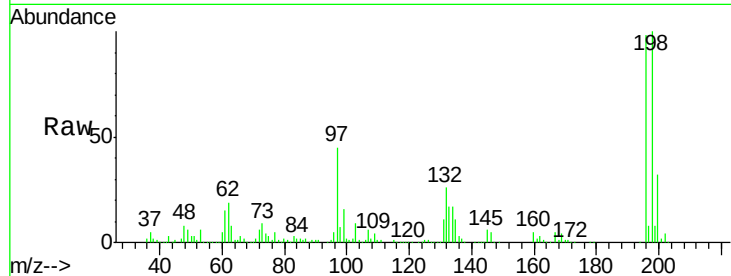
#43
 2,4,5-Trichlorophenol
 Concen: 45.536 ng
 RT: 12.96 min Scan# 1645
 Delta R.T. -0.01 min
 Lab File: BG033986.D
 Acq: 25 Apr 2018 14:41

Instrument :
 BNA_G
 ClientSampleId :
 KS-RO-238MS

Tot Ion:	196	Resp:	242683
Ion Ratio	Lower	Upper	
196	100		
198	101.8	76.2	114.4
97	45.9	38.7	58.1
132	26.1	20.2	30.2

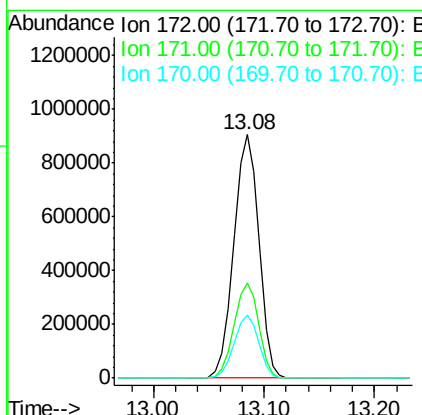
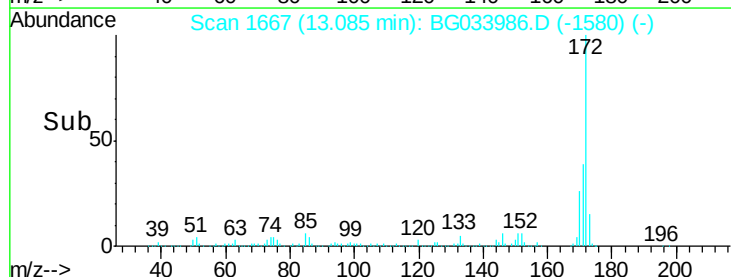
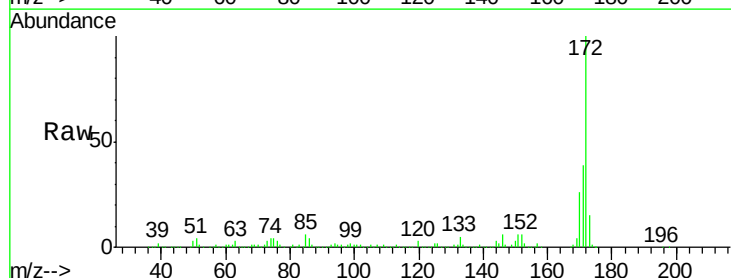
Manual Integrations
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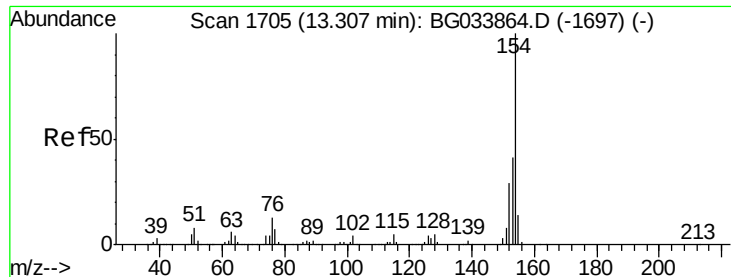
Sohil
 4/26/2018 6:16:34 PM



#44
 2-Fluorobiphenyl
 Concen: 92.564 ng
 RT: 13.08 min Scan# 1667
 Delta R.T. -0.02 min
 Lab File: BG033986.D
 Acq: 25 Apr 2018 14:41

Tgt Ion:	172	Resp:	1442785
Ion Ratio	Lower	Upper	
172	100		
171	39.3	30.0	45.0
170	26.1	19.5	29.3





#45

1,1'-Biphenyl

Concen: 40.946 ng

RT: 13.30 min Scan# 1703

Delta R.T. -0.01 min

Lab File: BG033986.D

Acq: 25 Apr 2018 14:41

Instrument :

BNA_G

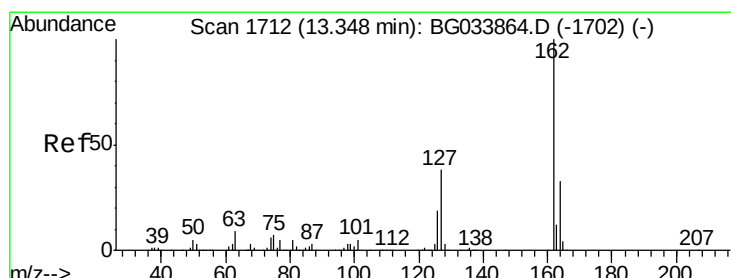
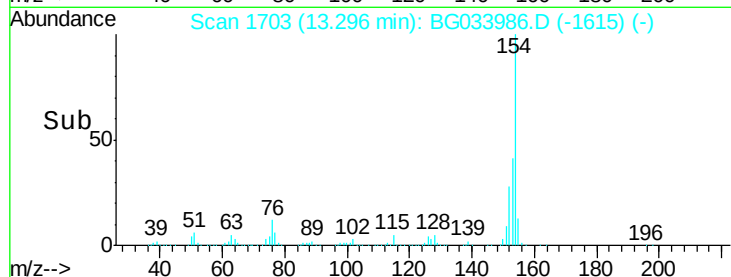
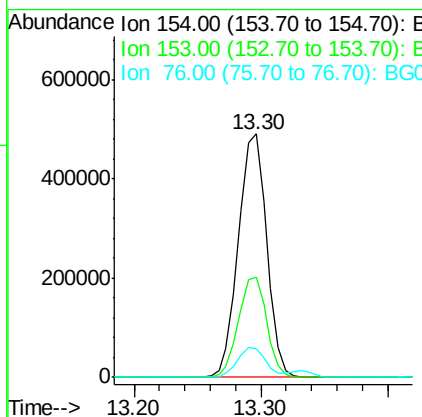
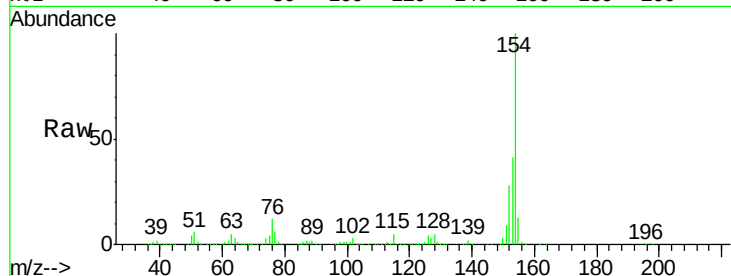
ClientSampleId :

KS-RO-238MS

Tot Ion:	154	Resp:	758953
Ion Ratio	Lower	Upper	
154	100		
153	41.2	19.8	59.8
76	11.8	0.0	31.9

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#46

2-Chloronaphthalene

Concen: 41.508 ng

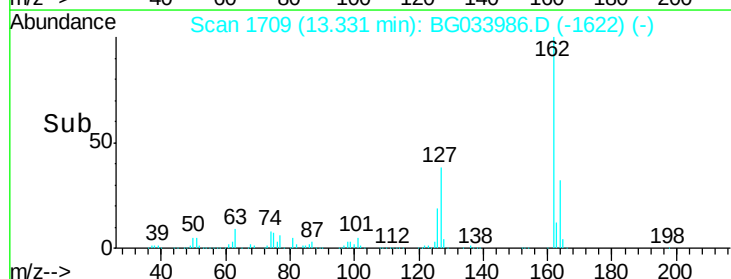
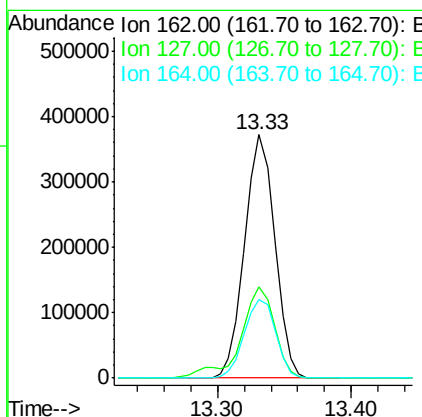
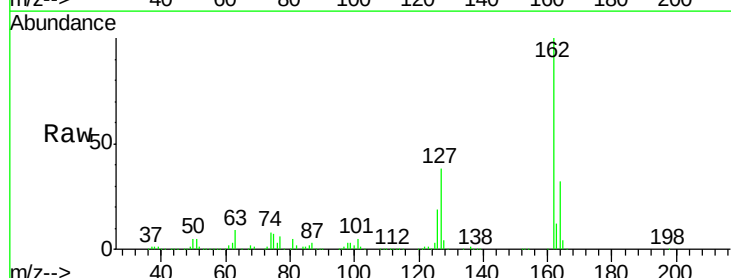
RT: 13.33 min Scan# 1709

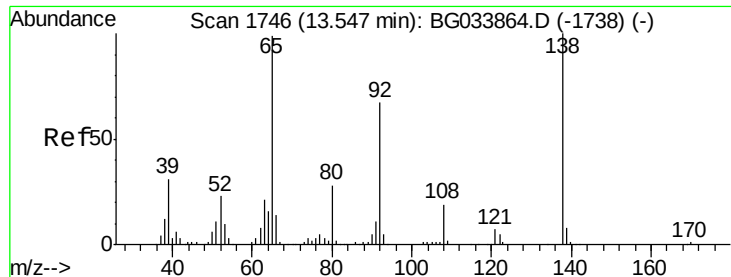
Delta R.T. -0.02 min

Lab File: BG033986.D

Acq: 25 Apr 2018 14:41

Tgt Ion:	162	Resp:	583357
Ion Ratio	Lower	Upper	
162	100		
127	37.5	30.7	46.1
164	32.3	26.0	39.0





#47

2-Nitroaniline

Concen: 43.871 ng

RT: 13.54 min Scan# 1744

Delta R.T. -0.01 min

Lab File: BG033986.D

Acq: 25 Apr 2018 14:41

Instrument :

BNA_G

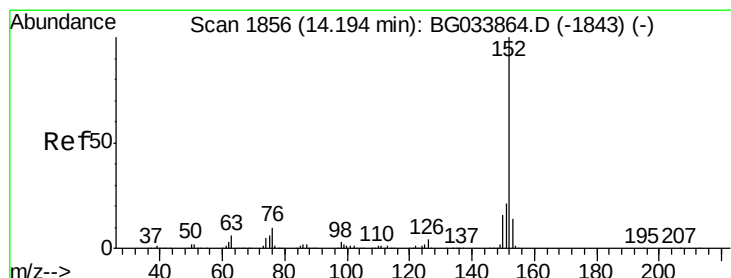
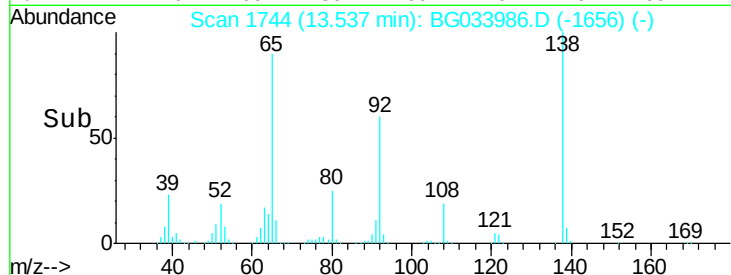
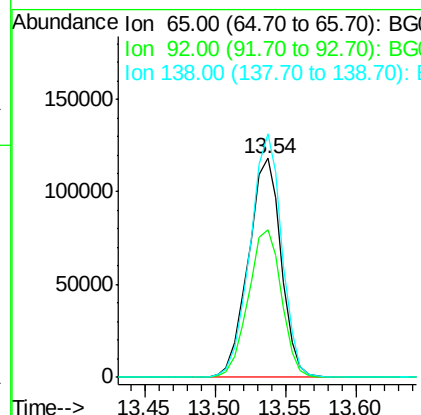
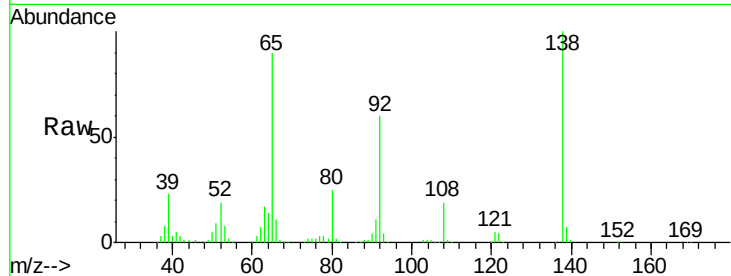
ClientSampleId :

KS-RO-238MS

Tot Ion:	65	Resp:	192514
Ion Ratio	Lower	Upper	
65	100		
92	67.2	54.6	82.0
138	111.2	72.9	109.3

Manual Integrations
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#48

Acenaphthylene

Concen: 39.359 ng

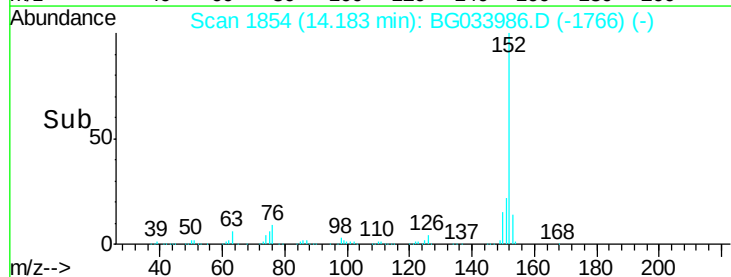
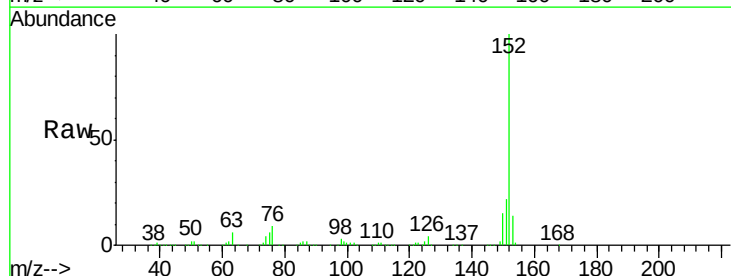
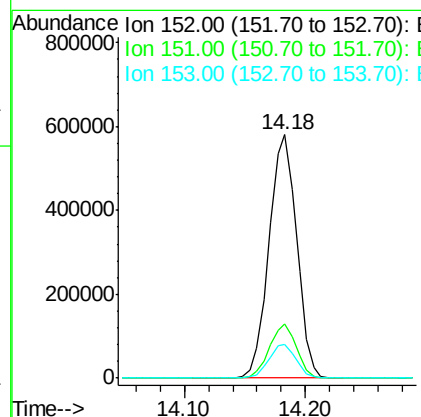
RT: 14.18 min Scan# 1854

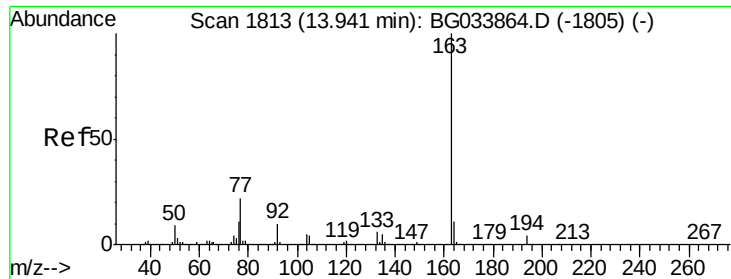
Delta R.T. -0.01 min

Lab File: BG033986.D

Acq: 25 Apr 2018 14:41

Tgt Ion:	152	Resp:	919487
Ion Ratio	Lower	Upper	
152	100		
151	22.0	17.2	25.8
153	13.8	10.2	15.4





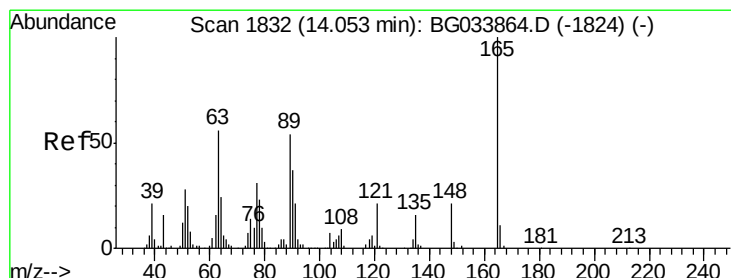
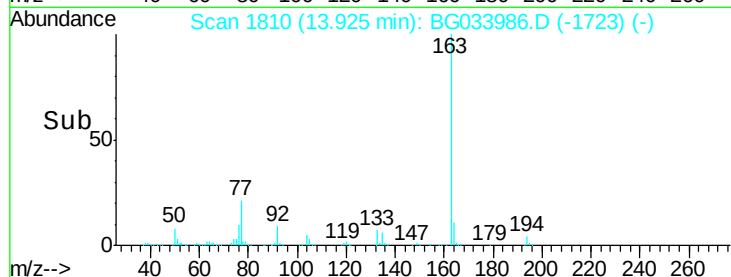
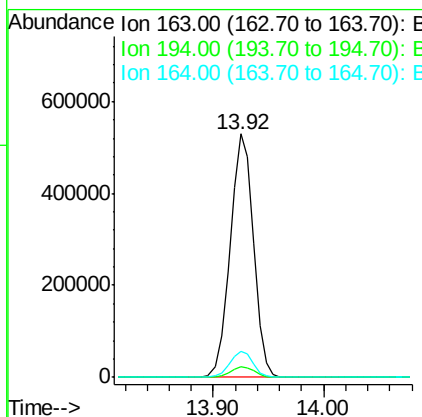
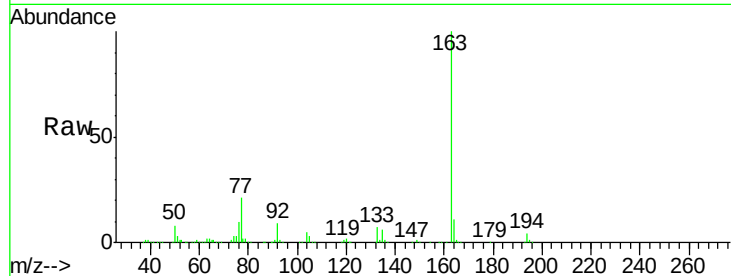
#49
Dimethylphthalate
Concen: 38.776 ng
RT: 13.92 min Scan# 1810
Delta R.T. -0.02 min
Lab File: BG033986.D
Acq: 25 Apr 2018 14:41

Instrument :
BNA_G
ClientSampleId :
KS-RO-238MS

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.4	5.2
164	10.9	8.2	12.4

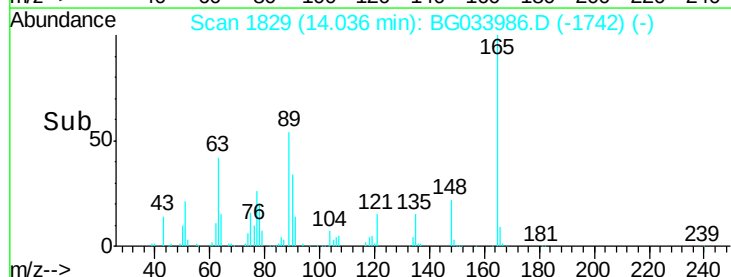
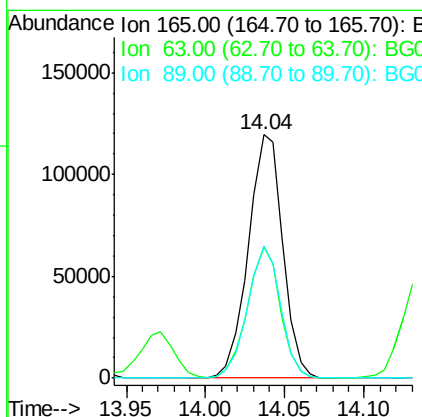
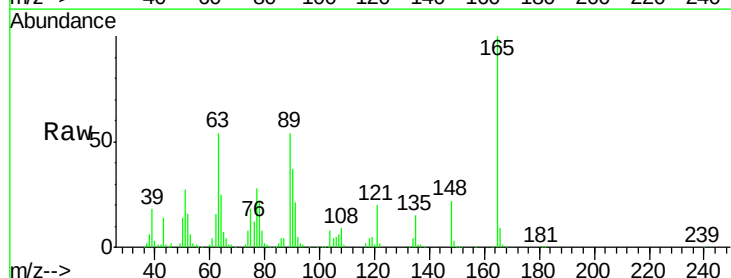
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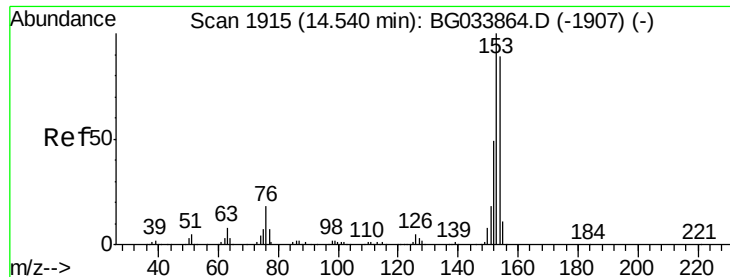
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#50
2,6-Dinitrotoluene
Concen: 47.339 ng
RT: 14.04 min Scan# 1829
Delta R.T. -0.02 min
Lab File: BG033986.D
Acq: 25 Apr 2018 14:41

Tgt Ion	Ratio	Lower	Upper
165	100		
63	53.9	52.7	79.1
89	54.3	49.2	73.8





#51

Acenaphthene

Concen: 39.260 ng

RT: 14.52 min Scan# 1912

Delta R.T. -0.02 min

Lab File: BG033986.D

Acq: 25 Apr 2018 14:41

Instrument :

BNA_G

ClientSampled :

KS-RO-238MS

Tot Ion:154 Resp: 576169

Ion Ratio Lower Upper

154 100

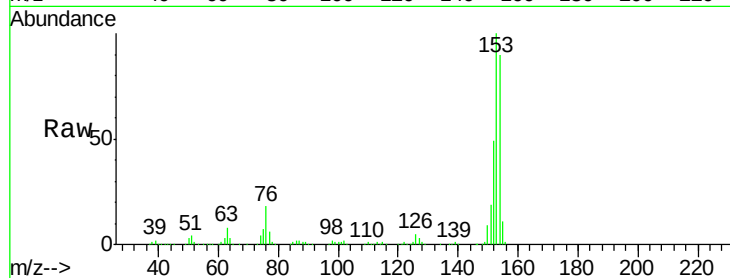
153 110.7 90.4 135.6

152 54.4 41.6 62.4

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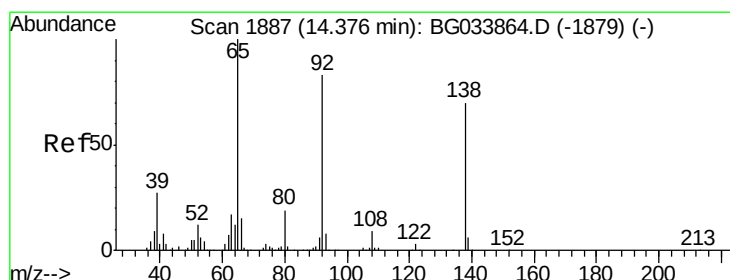
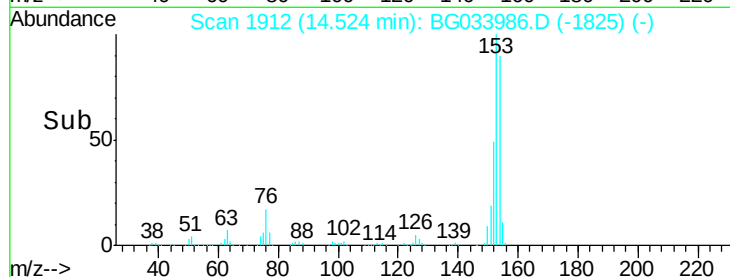
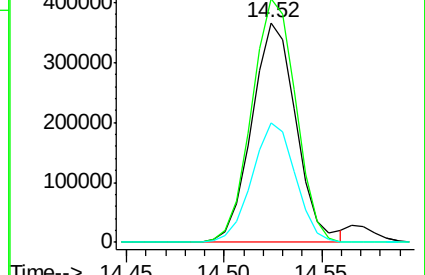
4/26/2018 6:16:34 PM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 11.031 ng

RT: 14.36 min Scan# 1884

Delta R.T. -0.02 min

Lab File: BG033986.D

Acq: 25 Apr 2018 14:41

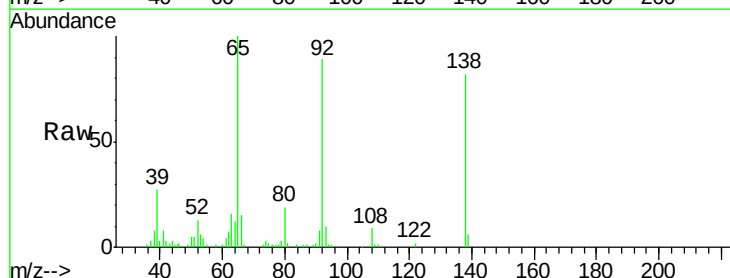
Tgt Ion:138 Resp: 45720

Ion Ratio Lower Upper

138 100

108 11.5 17.5 26.3#

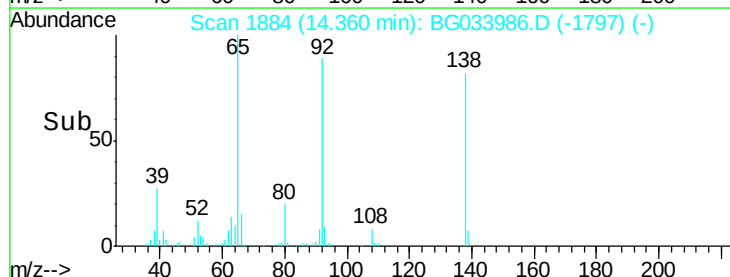
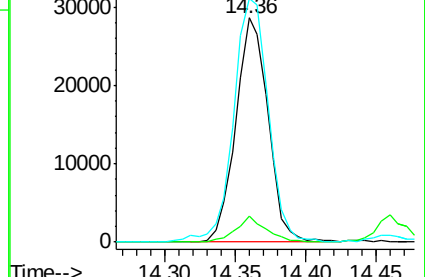
92 108.8 105.8 158.8

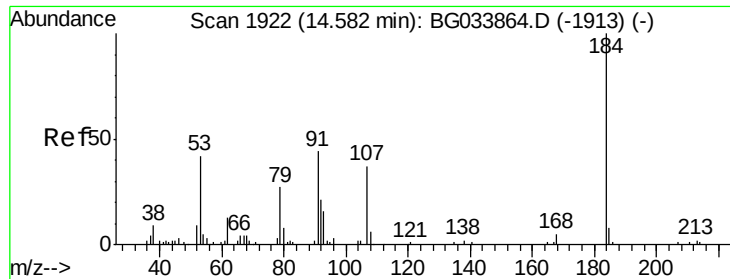


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC





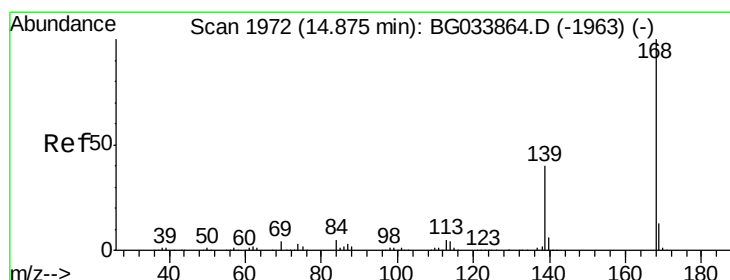
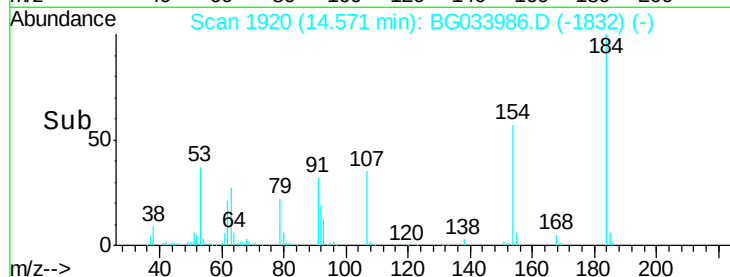
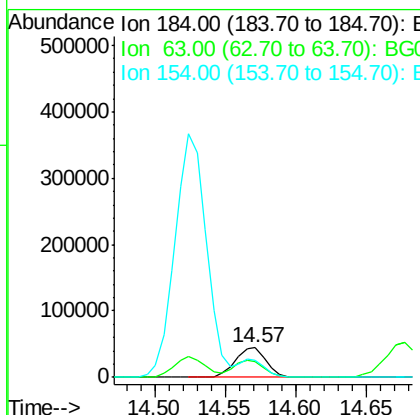
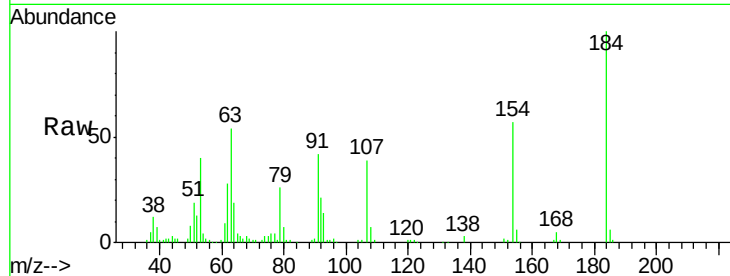
#53
 2,4-Dinitrophenol
 Concen: 50.545 ng
 RT: 14.57 min Scan# 1920
 Delta R.T. -0.01 min
 Lab File: BG033986.D
 Acq: 25 Apr 2018 14:41

Instrument :
 BNA_G
 ClientSampleId :
 KS-RO-238MS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	53.9	59.8	89.8#	
154	56.9	101.8	152.8#	

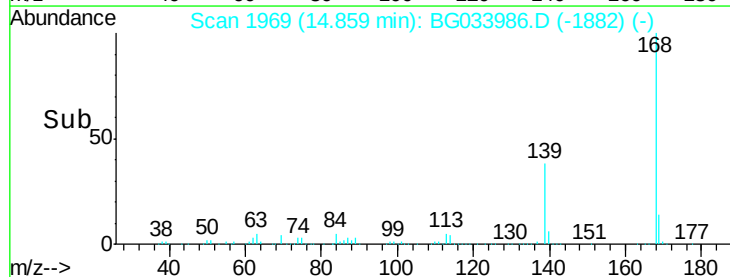
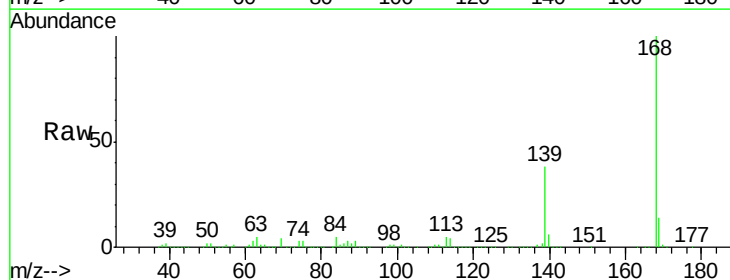
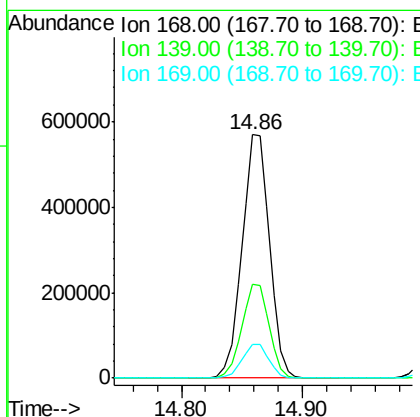
Manual Integrations
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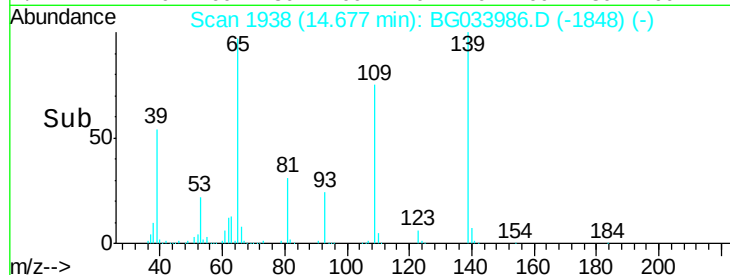
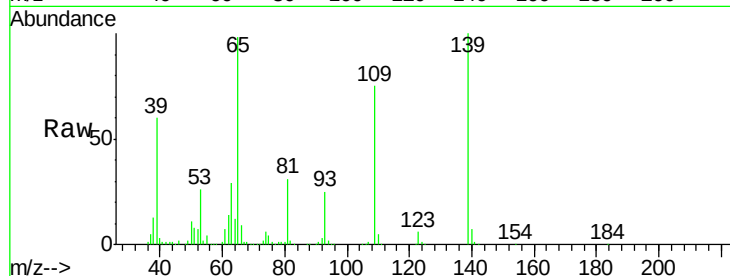
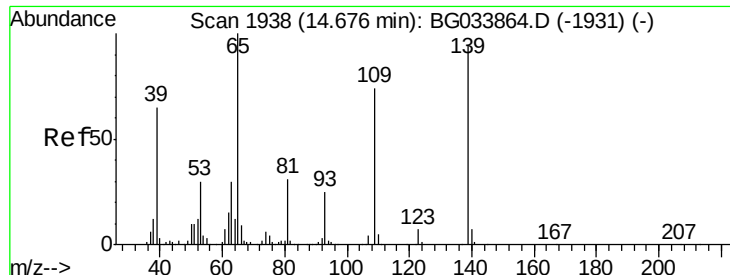
Sohil
 4/26/2018 6:16:34 PM



#54
 Dibenzofuran
 Concen: 41.432 ng
 RT: 14.86 min Scan# 1969
 Delta R.T. -0.02 min
 Lab File: BG033986.D
 Acq: 25 Apr 2018 14:41

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	38.5	28.6	43.0	
169	13.7	11.2	16.8	





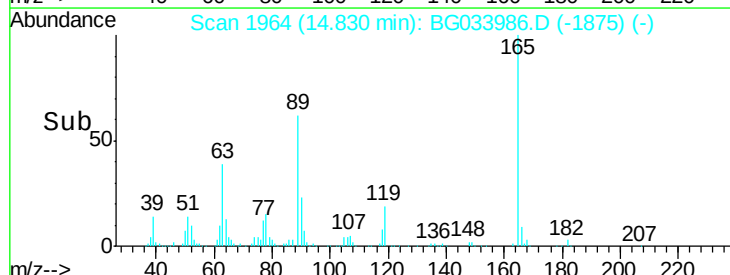
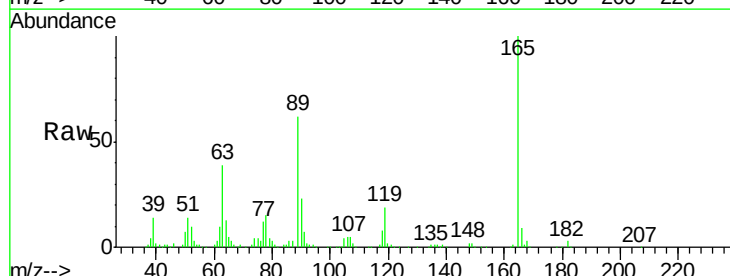
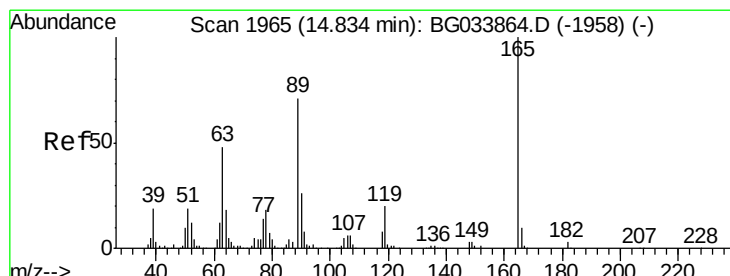
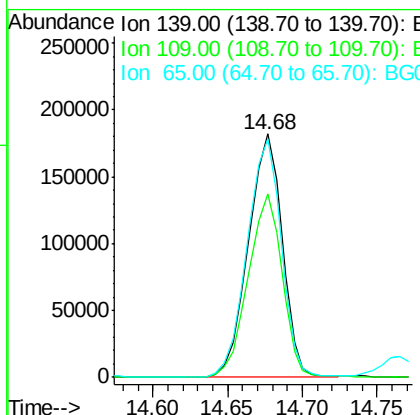
#55
4-Nitrophenol
Concen: 87.728 ng
RT: 14.68 min Scan# 1938
Delta R.T. 0.00 min
Lab File: BG033986.D
Acq: 25 Apr 2018 14:41

Tot Ion	Ratio	Resp	Lower	Upper
139	100	285174		
109	75.3	62.2	102.2	
65	97.8	97.2	137.2	

Instrument :
BNA_G
ClientSampleId :
KS-RO-238MS

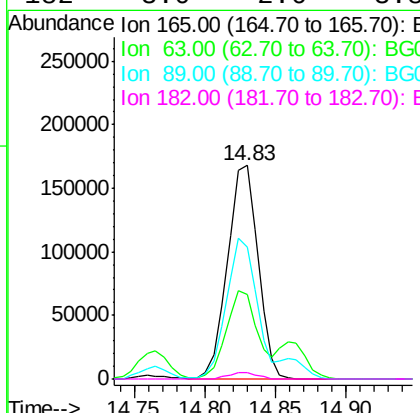
Manual Integrations
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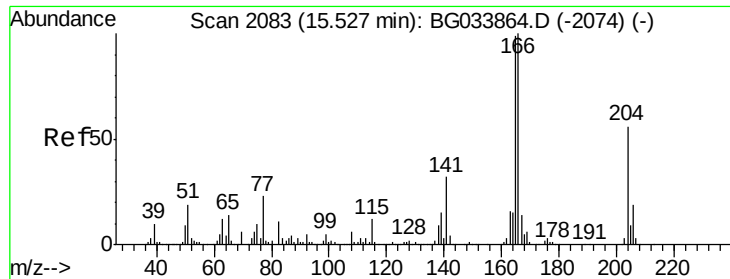
Sohil
4/26/2018 6:16:34 PM



#56
2,4-Dinitrotoluene
Concen: 49.942 ng
RT: 14.83 min Scan# 1964
Delta R.T. -0.00 min
Lab File: BG033986.D
Acq: 25 Apr 2018 14:41

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	253494		
63	39.3	42.0	63.0#	
89	61.9	66.9	100.3#	
182	3.0	2.6	3.8	





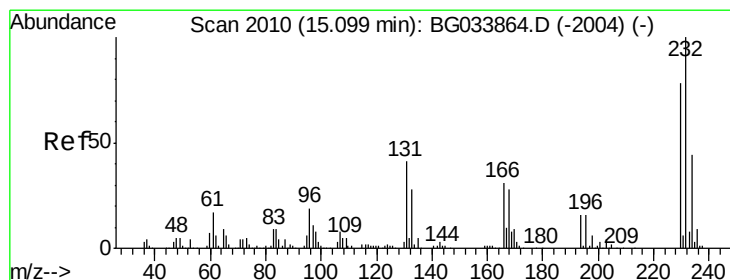
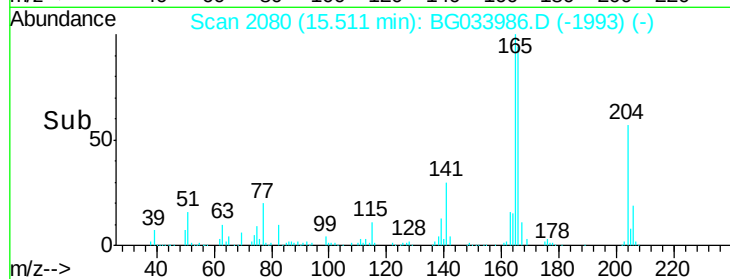
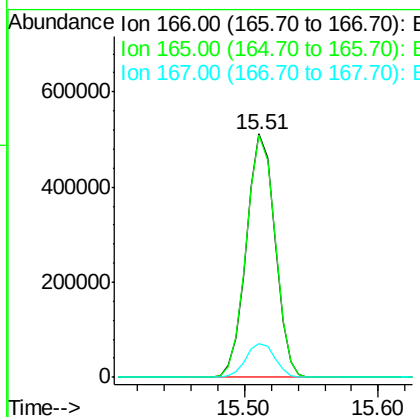
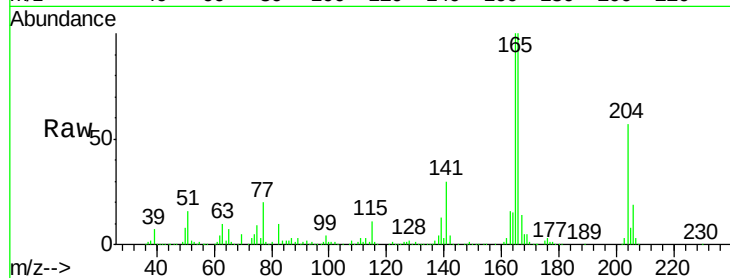
#57
Fluorene
Concen: 40.005 ng
RT: 15.51 min Scan# 2080
Delta R.T. -0.02 min
Lab File: BG033986.D
Acq: 25 Apr 2018 14:41

Instrument :
BNA_G
ClientSampleId :
KS-RO-238MS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	753205		
165	99.5	80.6	121.0	
167	14.0	10.4	15.6	

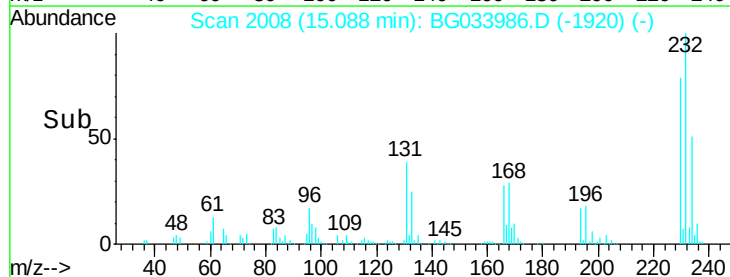
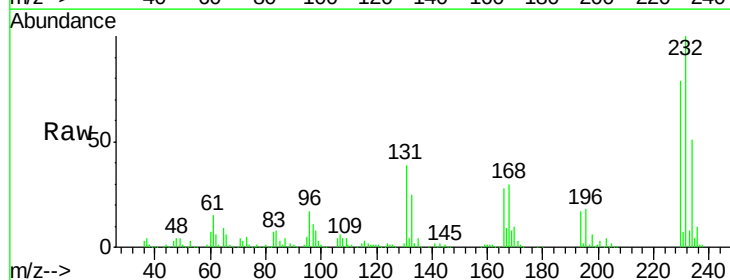
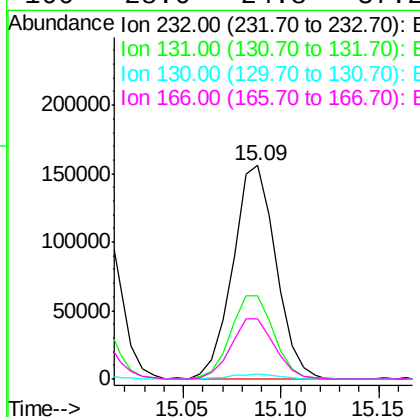
Manual Integrations
APPROVED

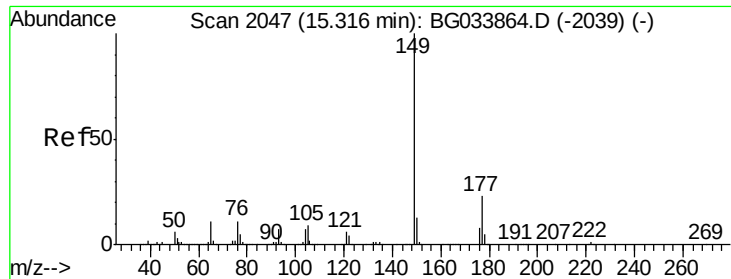
Sohil
4/26/2018 6:16:34 PM



#58
2,3,4,6-Tetrachlorophenol
Concen: 48.749 ng
RT: 15.09 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BG033986.D
Acq: 25 Apr 2018 14:41

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	237881		
131	39.3	33.5	50.3	
130	2.4	2.2	3.2	
166	28.6	24.8	37.2	





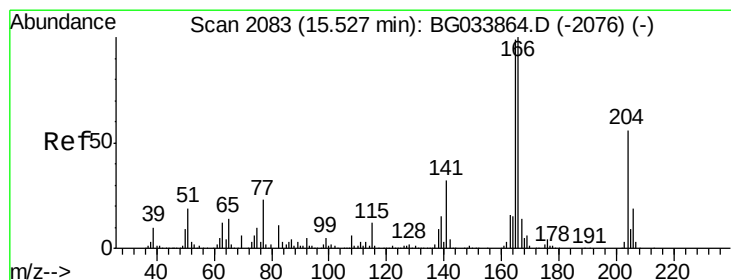
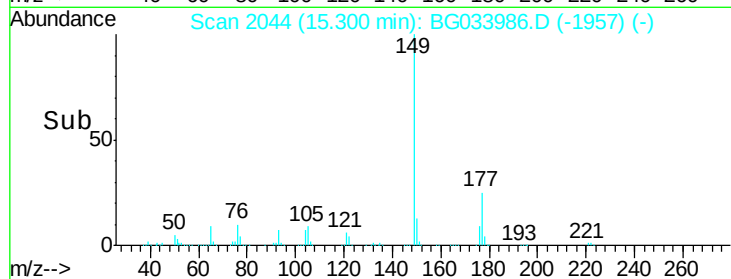
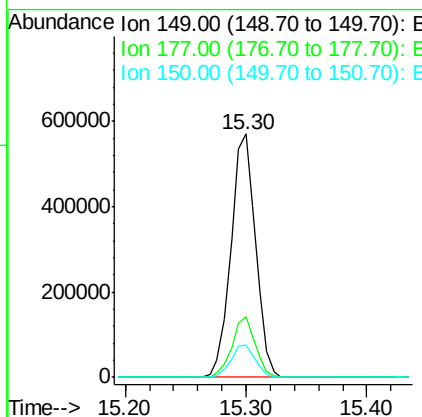
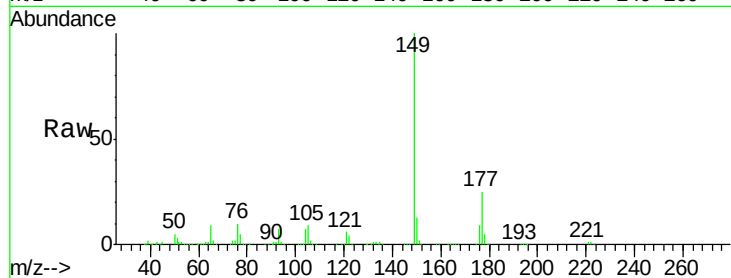
#59
Diethylphthalate
Concen: 37.926 ng
RT: 15.30 min Scan# 2044
Delta R.T. -0.02 min
Lab File: BG033986.D
Acq: 25 Apr 2018 14:41

Instrument :
BNA_G
ClientSampleId :
KS-RO-238MS

Tot Ion	Ratio	Lower	Upper
149	100		
177	24.7	18.5	27.7
150	13.2	10.2	15.2

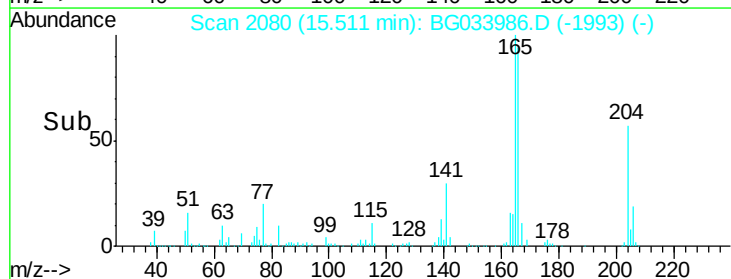
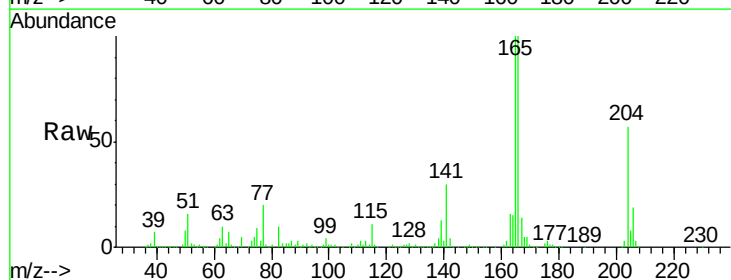
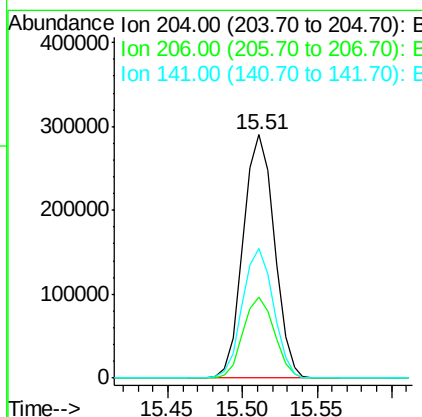
Manual Integrations
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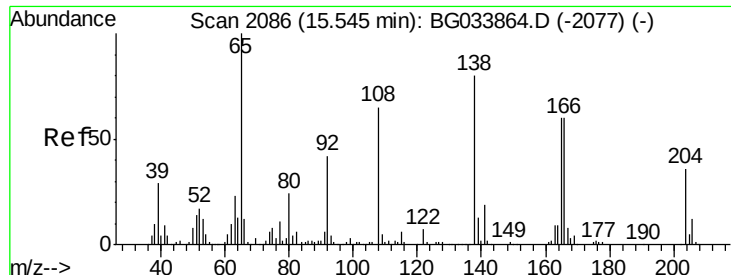
Sohil
4/26/2018 6:16:34 PM



#60
4-Chlorophenyl-phenylether
Concen: 42.679 ng
RT: 15.51 min Scan# 2080
Delta R.T. -0.02 min
Lab File: BG033986.D
Acq: 25 Apr 2018 14:41

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.2	39.2
141	53.4	45.8	68.6





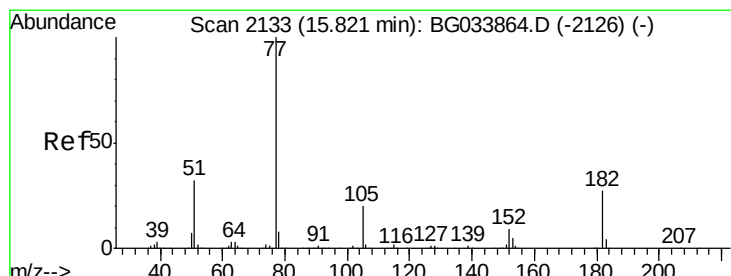
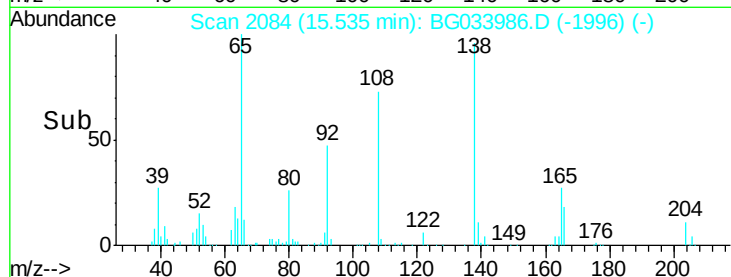
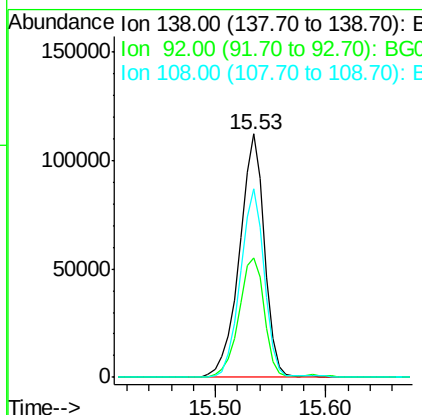
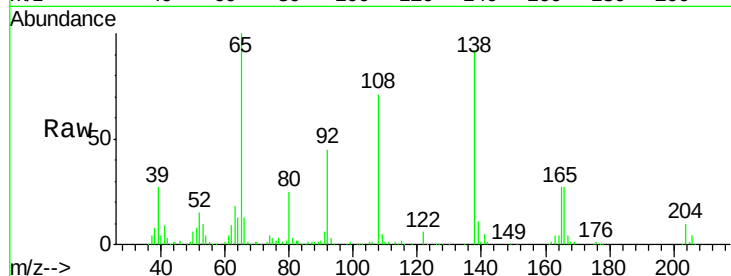
#61
4-Nitroaniline
Concen: 40.631 ng
RT: 15.53 min Scan# 2084
Delta R.T. -0.01 min
Lab File: BG033986.D
Acq: 25 Apr 2018 14:41

Instrument :
BNA_G
ClientSampleId :
KS-RO-238MS

Tot Ion	Ratio	Lower	Upper
138	100		
92	49.0	40.1	80.1
108	77.6	65.4	105.4

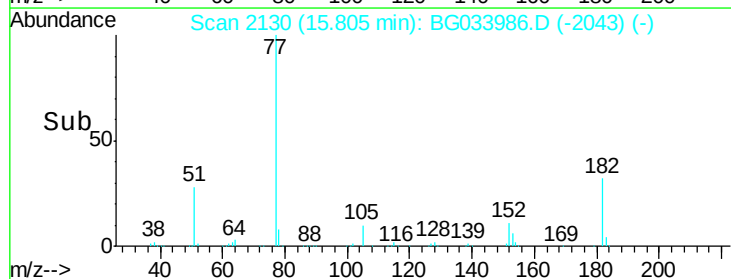
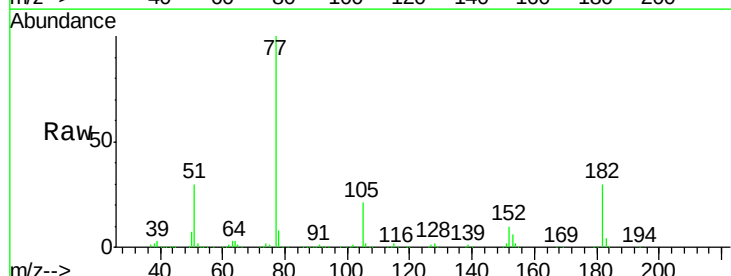
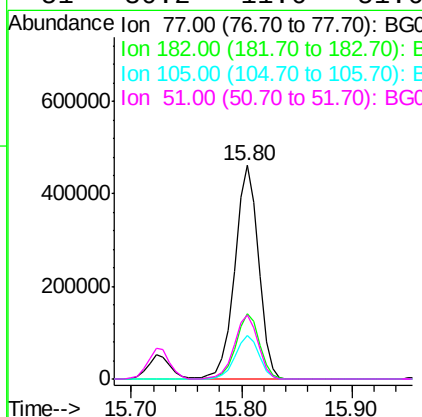
Manual Integrations
APPROVED

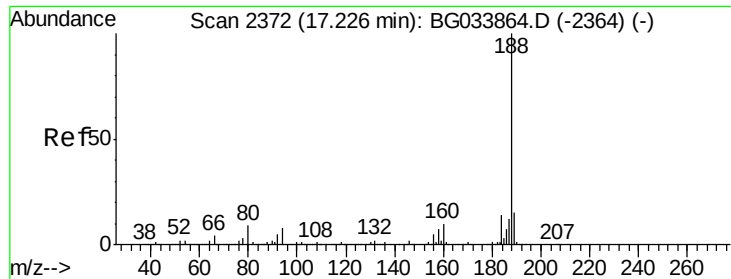
Sohil
4/26/2018 6:16:34 PM



#62
Azobenzene
Concen: 36.571 ng
RT: 15.80 min Scan# 2130
Delta R.T. -0.02 min
Lab File: BG033986.D
Acq: 25 Apr 2018 14:41

Tgt Ion	Ratio	Lower	Upper
77	100		
182	30.3	7.4	47.4
105	20.6	0.3	40.3
51	30.2	11.6	51.6





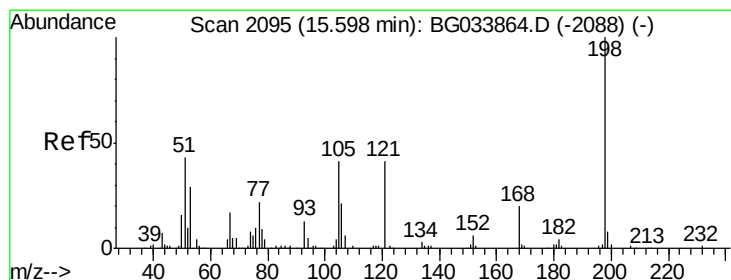
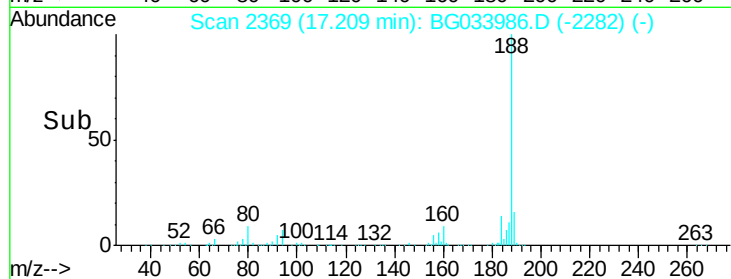
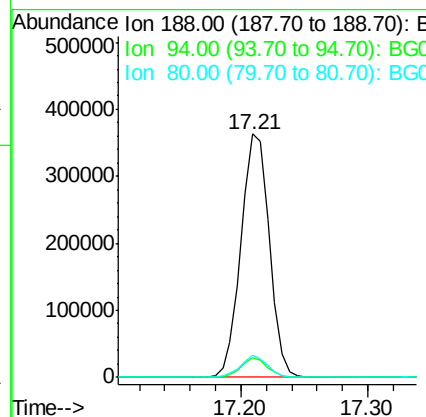
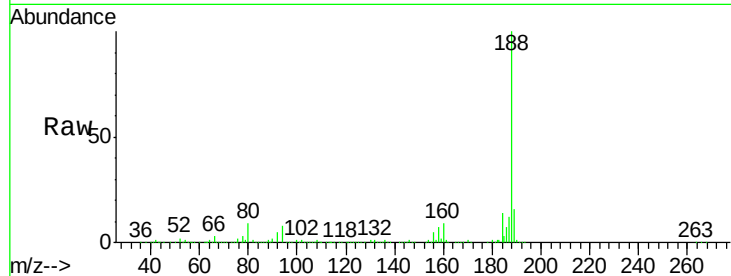
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.21 min Scan# 2369
Delta R.T. -0.02 min
Lab File: BG033986.D
Acq: 25 Apr 2018 14:41

Instrument :
BNA_G
ClientSampleId :
KS-RO-238MS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	560442		
94	7.9		6.9	10.3
80	9.1		7.7	11.5

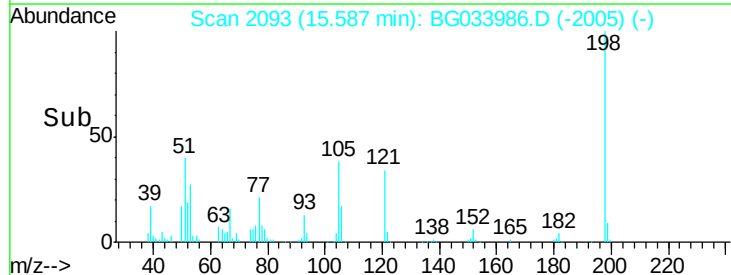
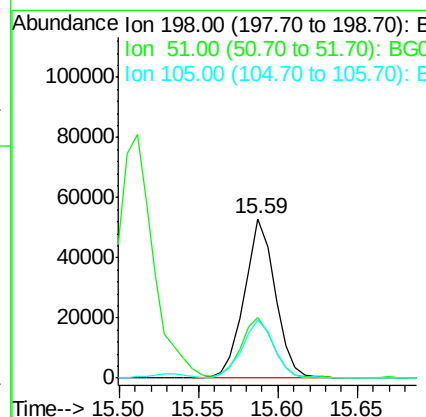
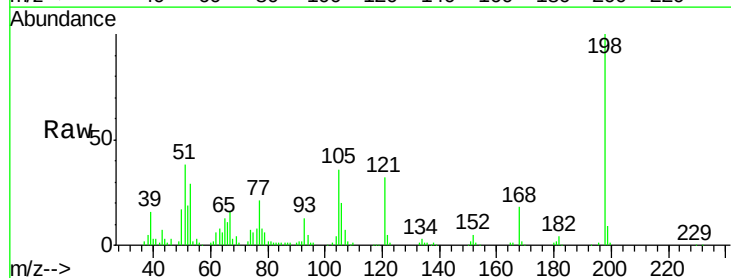
Manual Integrations
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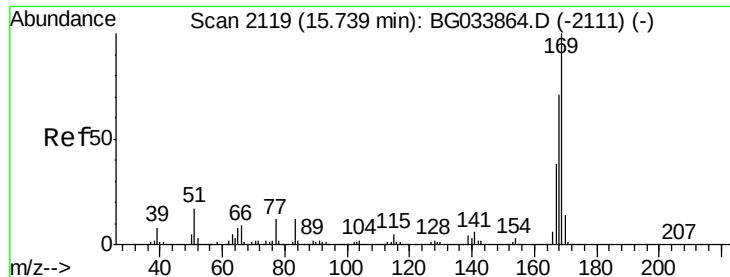
Sohil
4/26/2018 6:16:34 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 29.343 ng
RT: 15.59 min Scan# 2093
Delta R.T. -0.01 min
Lab File: BG033986.D
Acq: 25 Apr 2018 14:41

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	71317		
51	38.2		30.6	70.6
105	36.2		23.8	63.8





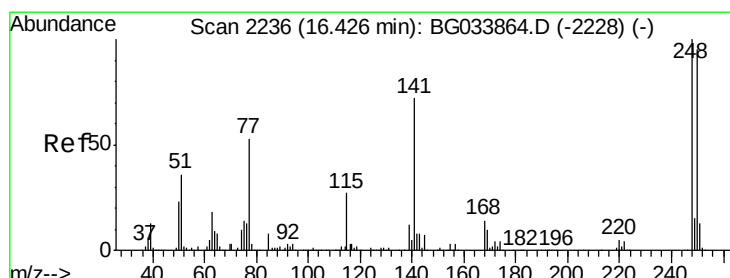
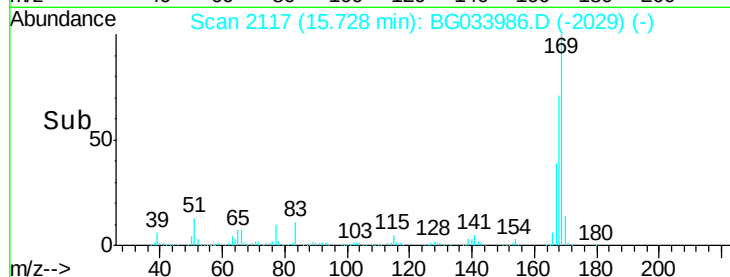
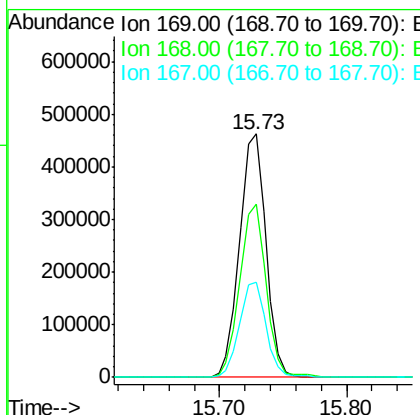
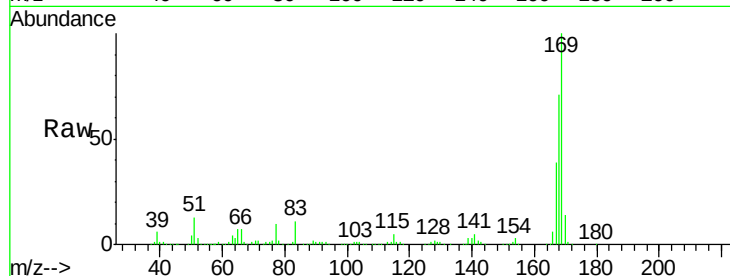
#65
 n-Nitrosodiphenylamine
 Concen: 40.977 ng
 RT: 15.73 min Scan# 2117
 Delta R.T. -0.01 min
 Lab File: BG033986.D
 Acq: 25 Apr 2018 14:41

Instrument :
 BNA_G
 ClientSampleId :
 KS-RO-238MS

Tot Ion	Ratio	Lower	Upper
169	100		
168	71.1	55.7	83.5
167	39.3	30.1	45.1

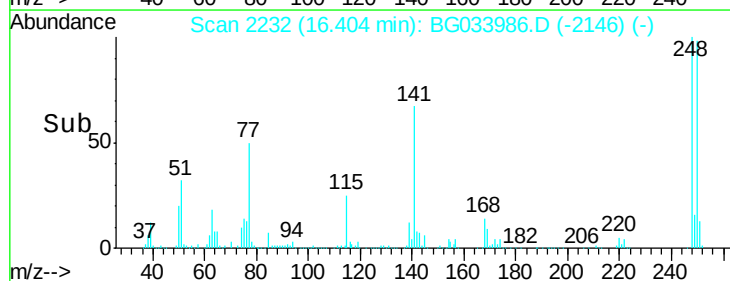
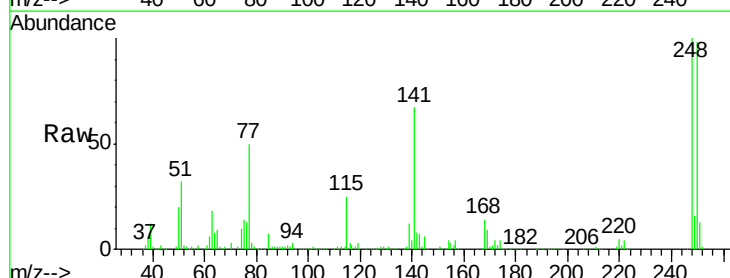
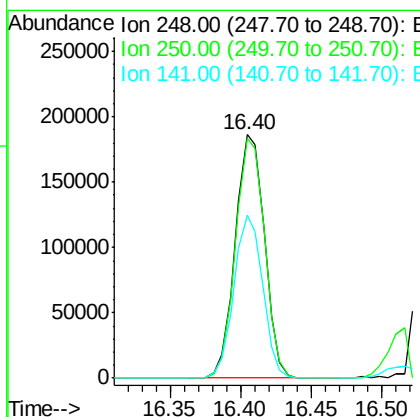
Manual Integrations
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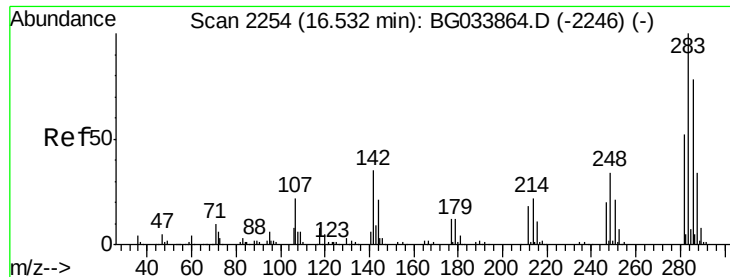
Sohil
 4/26/2018 6:16:34 PM



#66
 4-Bromophenyl-phenylether
 Concen: 43.691 ng
 RT: 16.40 min Scan# 2232
 Delta R.T. -0.02 min
 Lab File: BG033986.D
 Acq: 25 Apr 2018 14:41

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.5	77.1	115.7
141	66.7	50.8	76.2





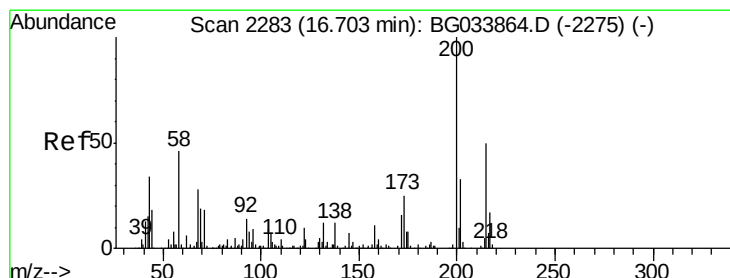
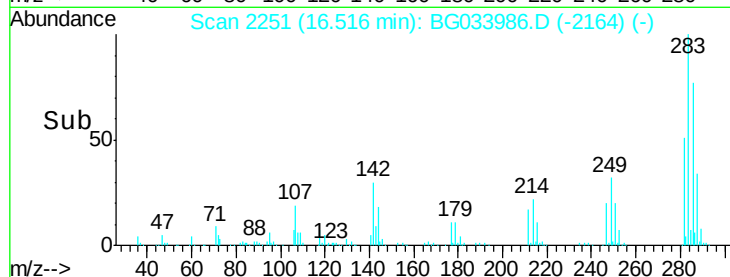
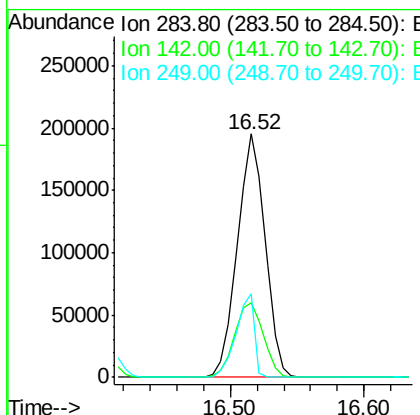
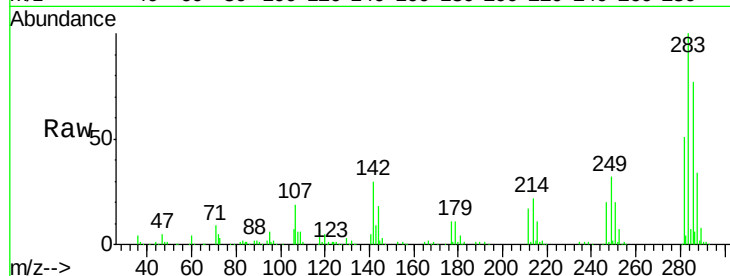
#67
Hexachlorobenzene
Concen: 42.695 ng
RT: 16.52 min Scan# 2251
Delta R.T. -0.02 min
Lab File: BG033986.D
Acq: 25 Apr 2018 14:41

Instrument :
BNA_G
ClientSampleId :
KS-RO-238MS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	30.5	26.8	40.2	
249	34.1	26.3	39.5	

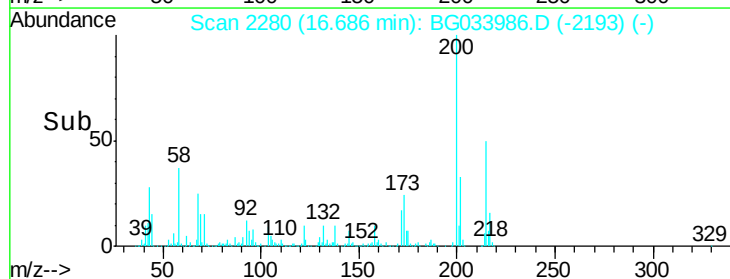
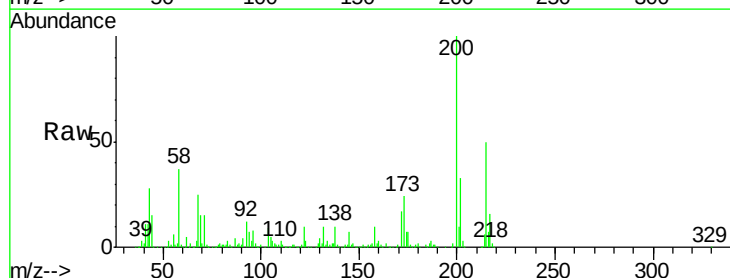
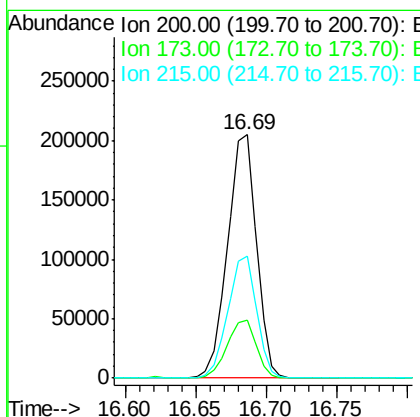
Manual Integrations
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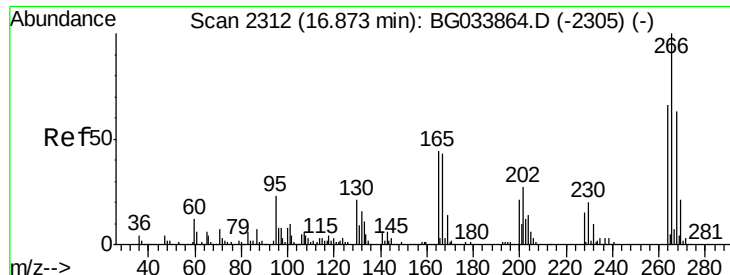
Sohil
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#68
Atrazine
Concen: 45.858 ng
RT: 16.69 min Scan# 2280
Delta R.T. -0.02 min
Lab File: BG033986.D
Acq: 25 Apr 2018 14:41

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	23.7	5.2	45.2	
215	50.3	30.4	70.4	





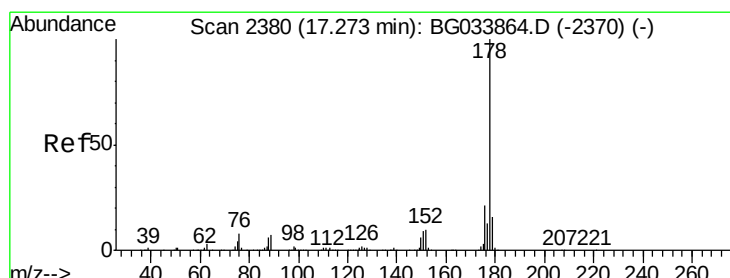
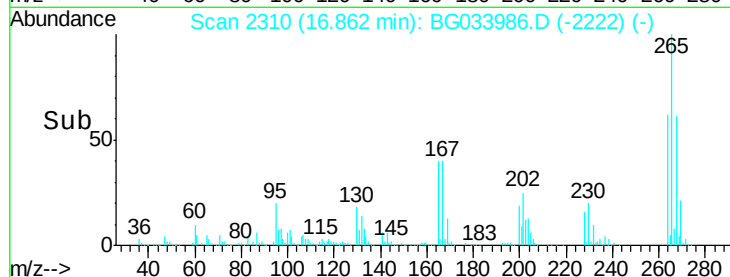
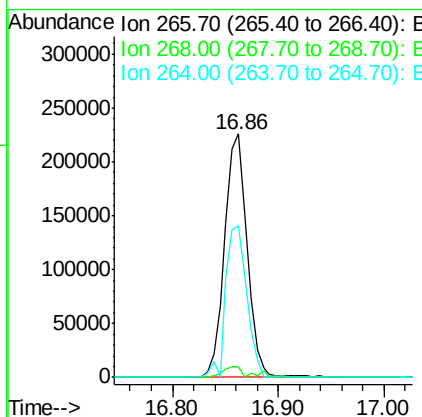
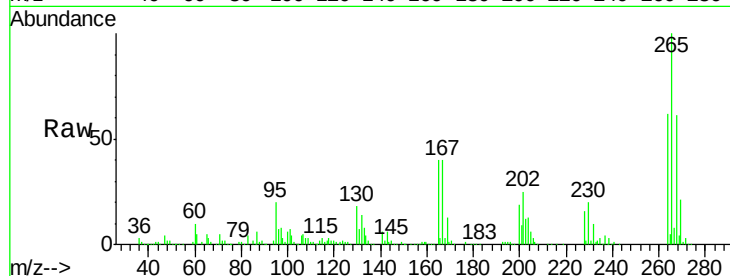
#69
 Pentachlorophenol
 Concen: 74.181 ng
 RT: 16.86 min Scan# 2310
 Delta R.T. -0.01 min
 Lab File: BG033986.D
 Acq: 25 Apr 2018 14:41

Instrument :
 BNA_G
 ClientSampleId :
 KS-RO-238MS

Tot Ion	Ratio	Lower	Upper
266	100		
268	4.4	51.1	76.7#
264	67.4	49.6	74.4

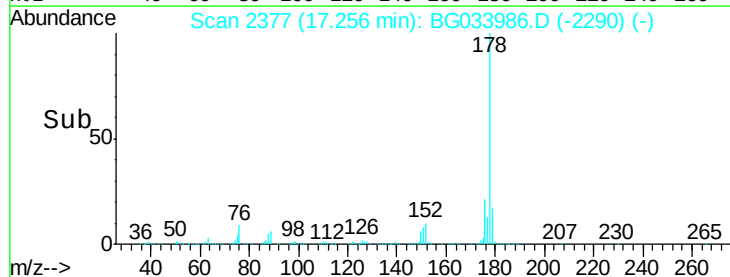
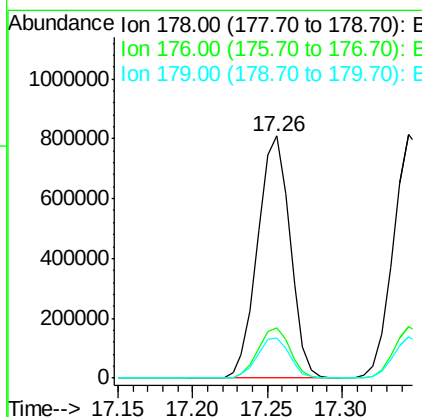
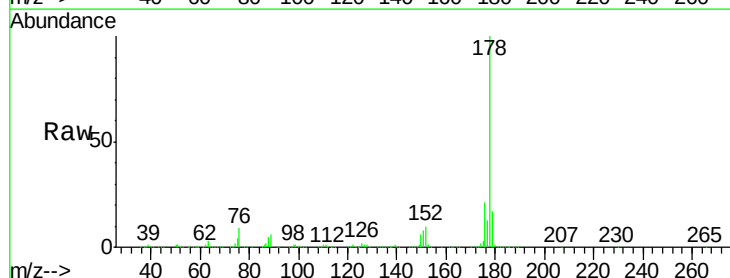
Manual Integrations
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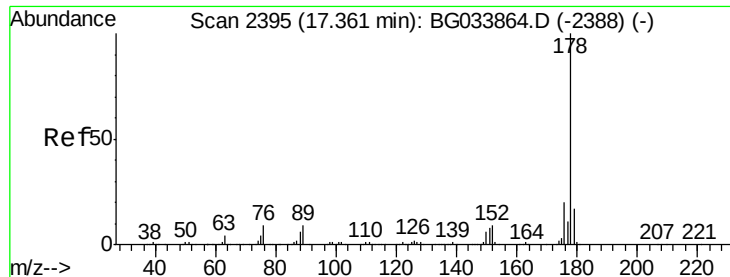
Sohil
 4/26/2018 6:16:34 PM



#70
 Phenanthrene
 Concen: 40.408 ng
 RT: 17.26 min Scan# 2377
 Delta R.T. -0.02 min
 Lab File: BG033986.D
 Acq: 25 Apr 2018 14:41

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.1	15.7	23.5
179	16.8	12.5	18.7





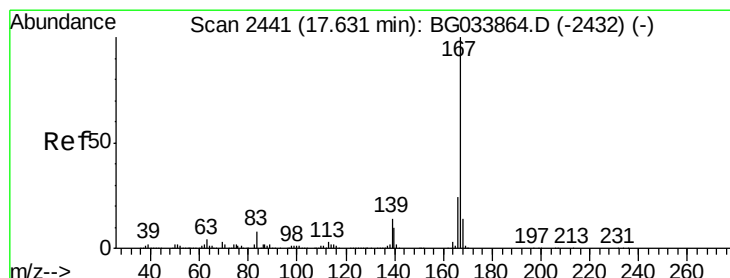
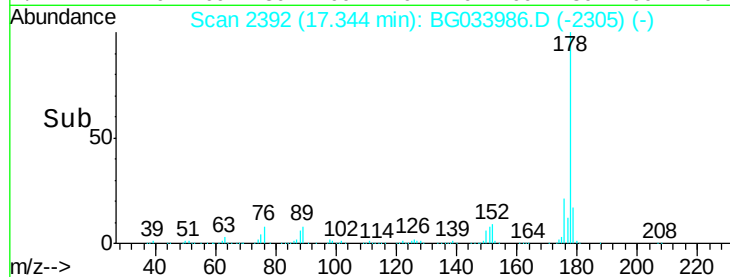
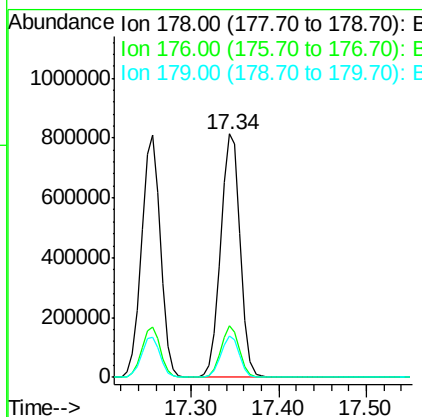
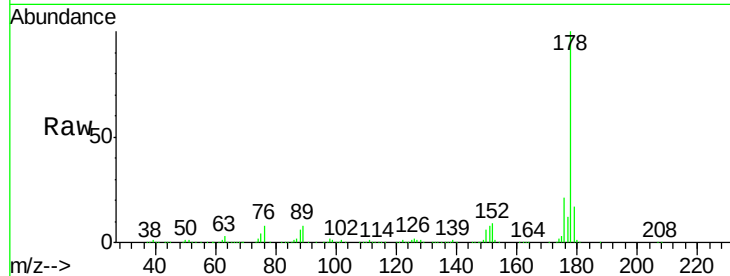
#71
 Anthracene
 Concen: 41.612 ng
 RT: 17.34 min Scan# 2392
 Delta R.T. -0.02 min
 Lab File: BG033986.D
 Acq: 25 Apr 2018 14:41

Instrument :
 BNA_G
 ClientSampleId :
 KS-RO-238MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.1	16.0	24.0
179	17.0	12.5	18.7

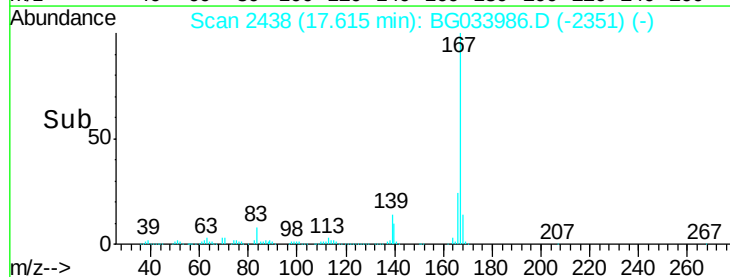
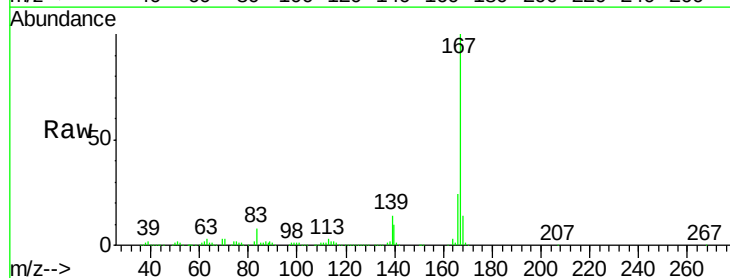
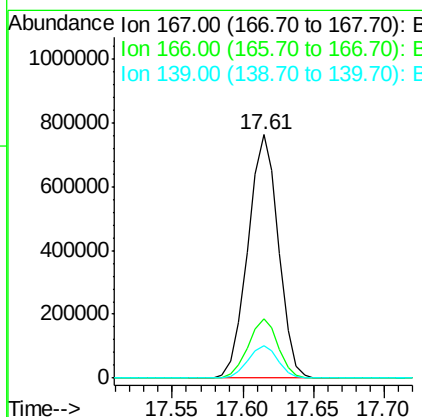
Manual Integrations
 APPROVED

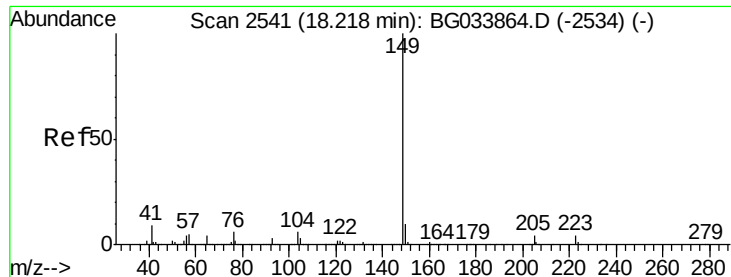
Sohil
 4/26/2018 6:16:34 PM



#72
 Carbazole
 Concen: 39.824 ng
 RT: 17.61 min Scan# 2438
 Delta R.T. -0.02 min
 Lab File: BG033986.D
 Acq: 25 Apr 2018 14:41

Tgt Ion	Ratio	Lower	Upper
167	100		
166	24.3	18.2	27.4
139	13.5	9.4	14.2





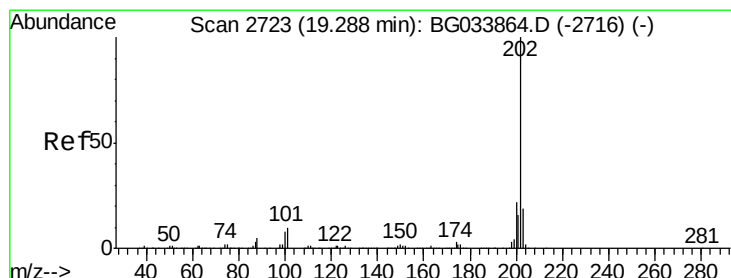
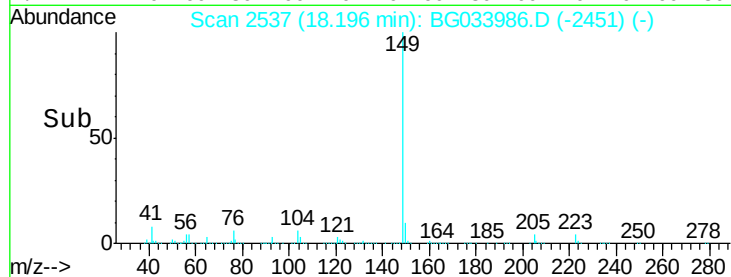
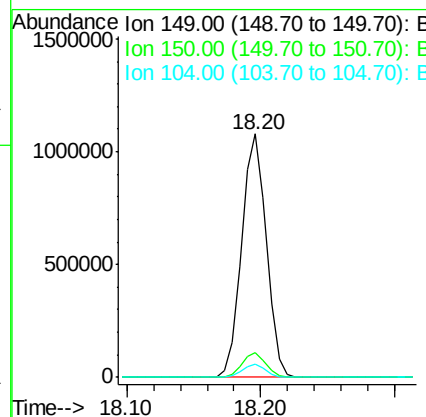
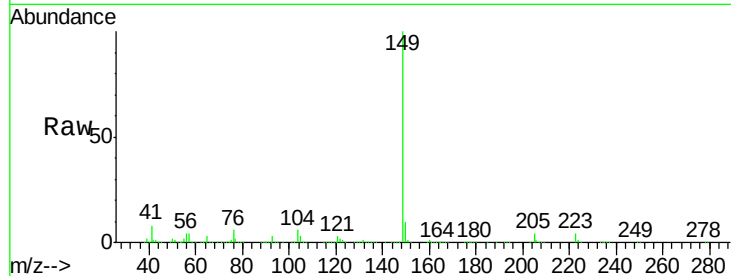
#73
Di-n-butylphthalate
Concen: 38.163 ng
RT: 18.20 min Scan# 2537
Delta R.T. -0.02 min
Lab File: BG033986.D
Acq: 25 Apr 2018 14:41

Instrument :
BNA_G
ClientSampleId :
KS-RO-238MS

Tot Ion	Ratio	Lower	Upper
149	100		
150	10.2	7.8	11.6
104	5.5	3.9	5.9

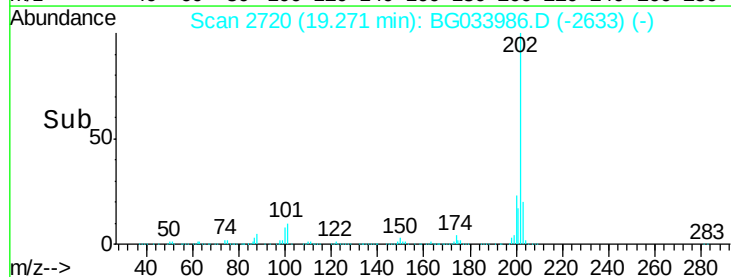
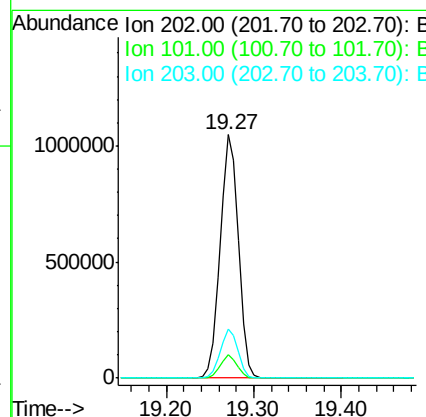
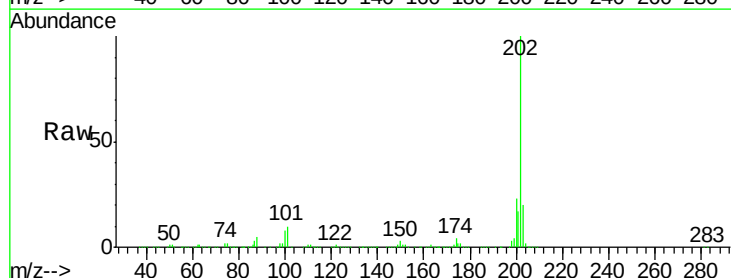
Manual Integrations
APPROVED

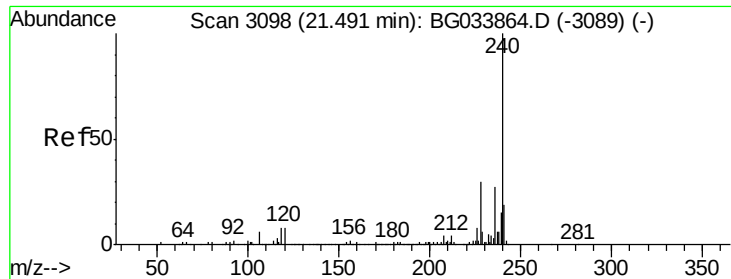
Sohil
4/26/2018 6:16:34 PM



#74
Fluoranthene
Concen: 41.712 ng
RT: 19.27 min Scan# 2720
Delta R.T. -0.02 min
Lab File: BG033986.D
Acq: 25 Apr 2018 14:41

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	28.9
203	20.0	0.0	37.5





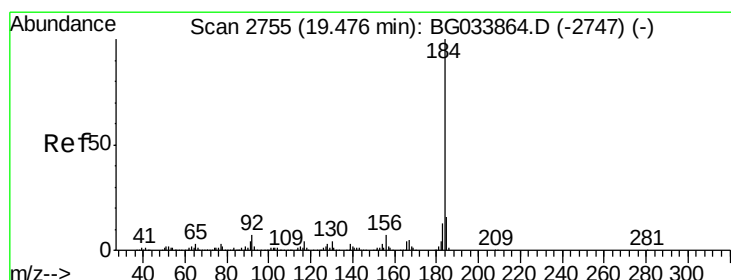
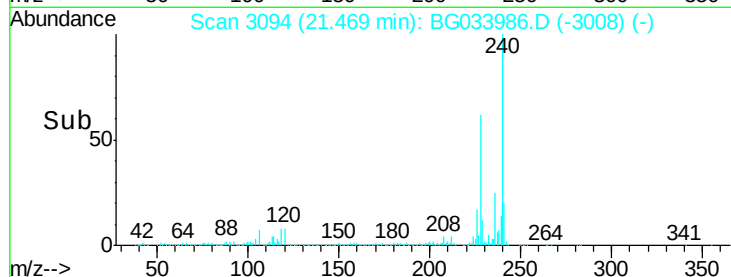
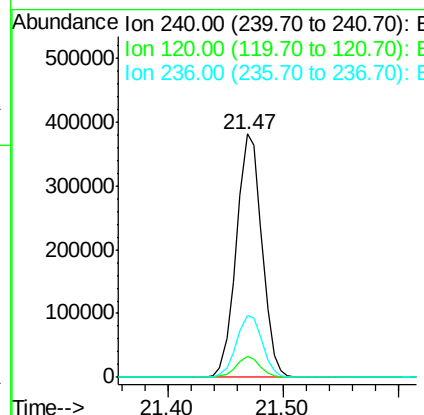
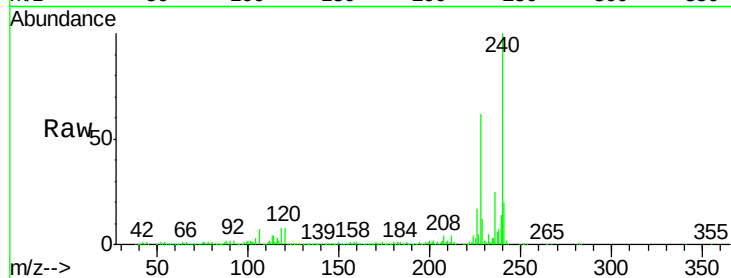
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.47 min Scan# 3094
Delta R.T. -0.02 min
Lab File: BG033986.D
Acq: 25 Apr 2018 14:41

Instrument :
BNA_G
ClientSampleId :
KS-RO-238MS

Tot Ion	Ratio	Lower	Upper
240	100		
120	8.4	6.8	10.2
236	25.4	20.9	31.3

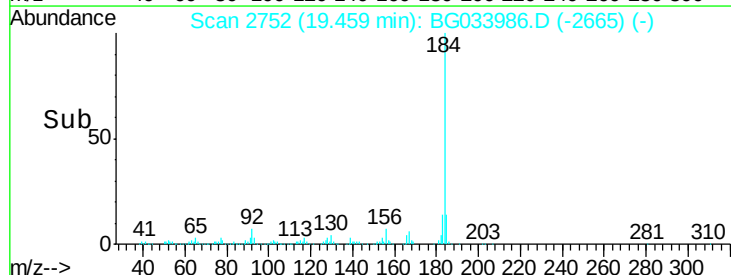
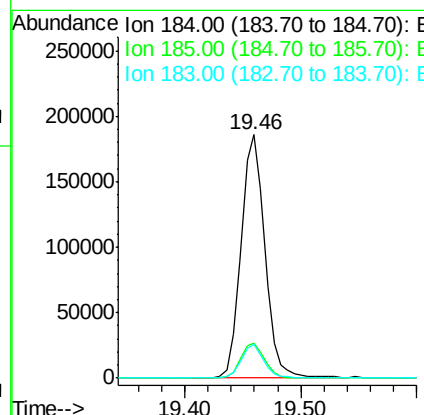
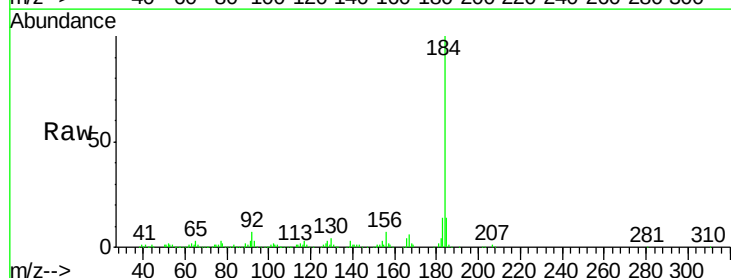
Manual Integrations
APPROVED

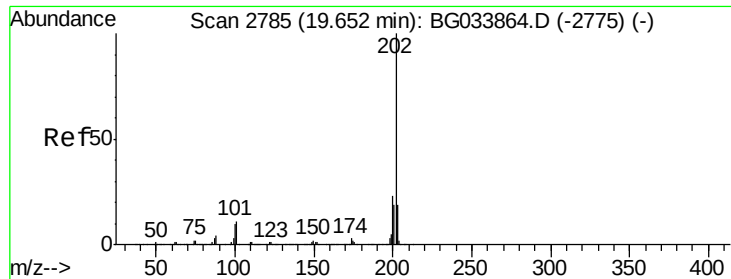
Sohil
4/26/2018 6:16:34 PM



#76
Benzidine
Concen: 16.885 ng
RT: 19.46 min Scan# 2752
Delta R.T. -0.02 min
Lab File: BG033986.D
Acq: 25 Apr 2018 14:41

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.5	11.1	16.7
183	13.9	10.6	16.0





#77

Pvrene

Concen: 39.690 ng

RT: 19.64 min Scan# 2782

Delta R.T. -0.02 min

Lab File: BG033986.D

Acq: 25 Apr 2018 14:41

Instrument :

BNA_G

ClientSampleId :

KS-RO-238MS

Tot Ion:202 Resp: 1518493

Ion Ratio Lower Upper

202 100

200 23.7 16.9 25.3

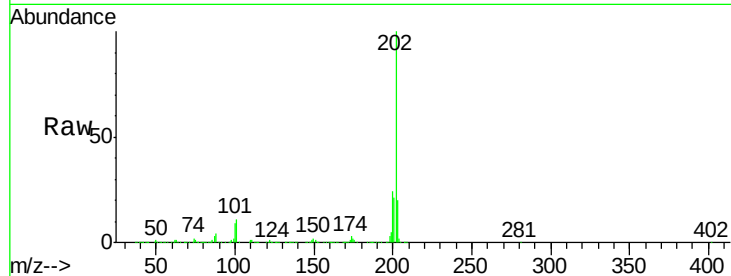
203 20.5 13.9 20.9

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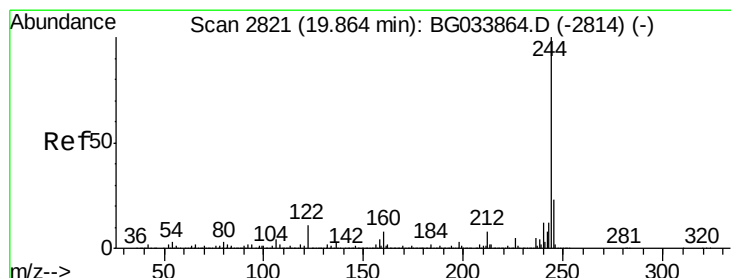
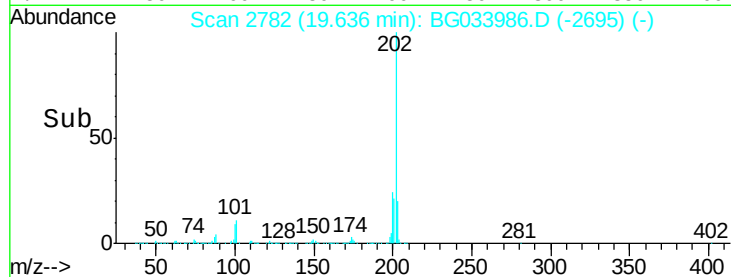
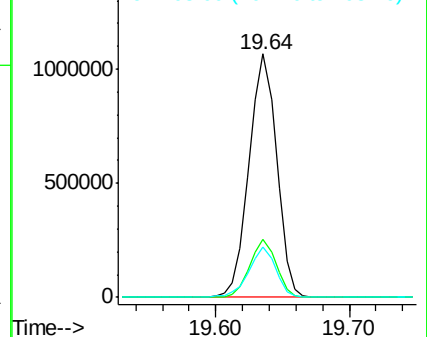
4/26/2018 6:16:34 PM



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 87.389 ng

RT: 19.85 min Scan# 2818

Delta R.T. -0.02 min

Lab File: BG033986.D

Acq: 25 Apr 2018 14:41

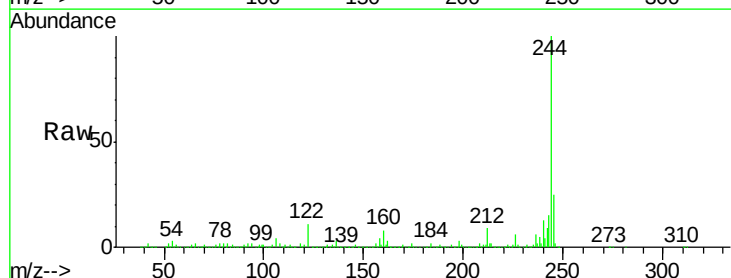
Tgt Ion:244 Resp: 2268966

Ion Ratio Lower Upper

244 100

212 9.5 5.8 8.8#

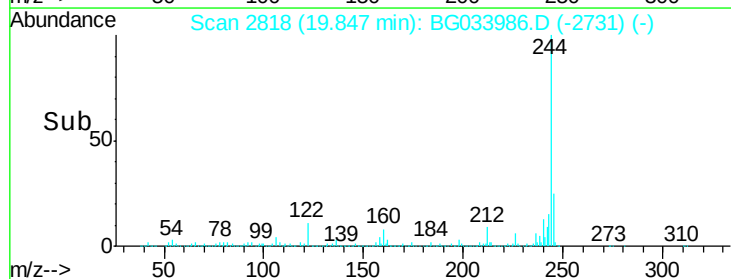
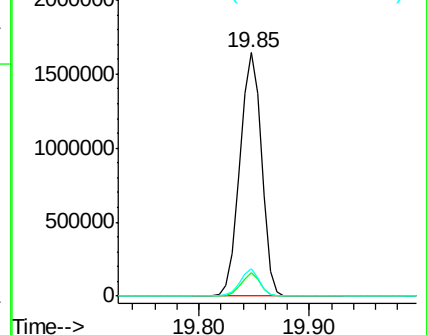
122 11.0 7.0 10.4#

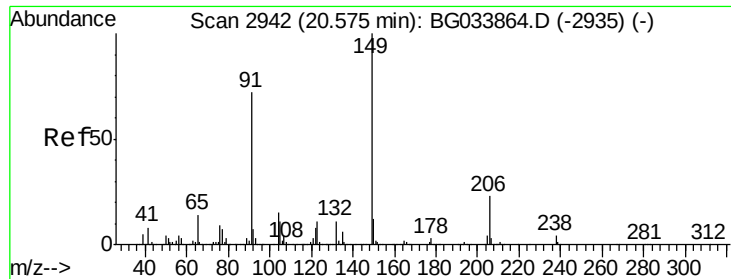


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





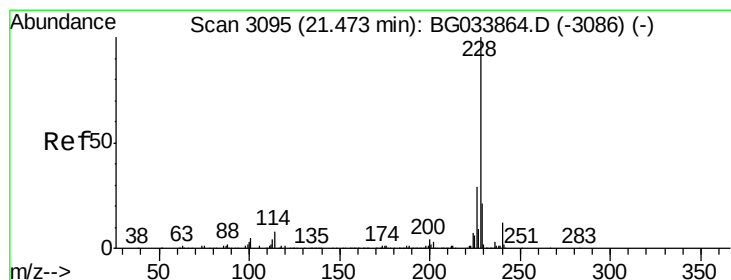
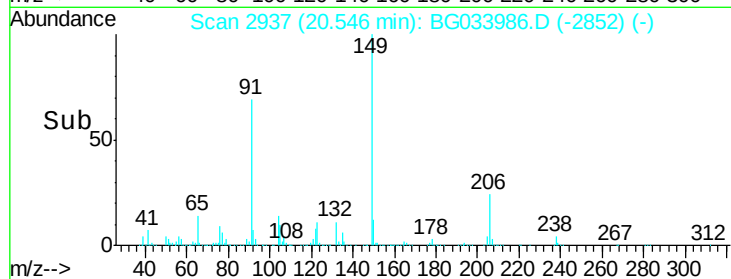
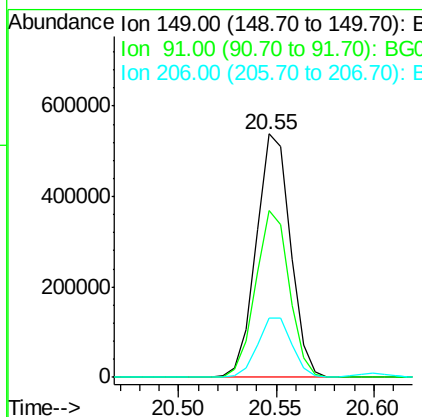
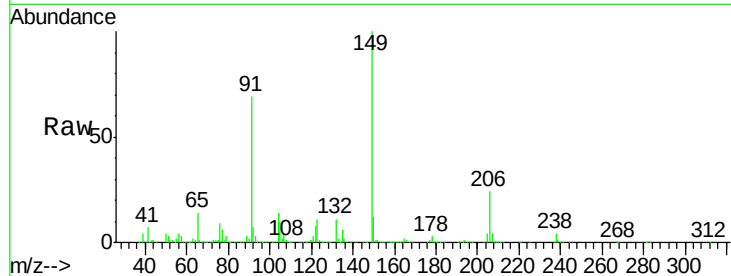
#79
Butylbenzylphthalate
Concen: 38.890 ng
RT: 20.55 min Scan# 2937
Delta R.T. -0.03 min
Lab File: BG033986.D
Acq: 25 Apr 2018 14:41

Instrument :
BNA_G
ClientSampleId :
KS-RO-238MS

Tot Ion	Ratio	Lower	Upper
149	100		
91	68.7	62.2	93.2
206	24.2	18.6	27.8

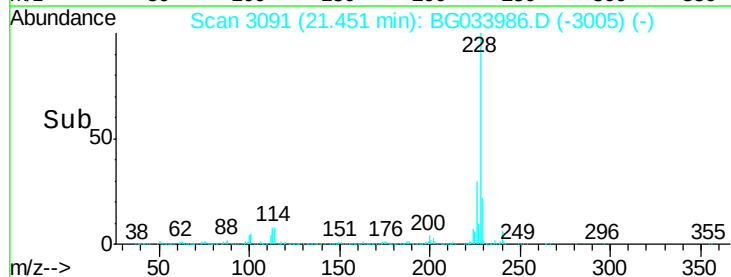
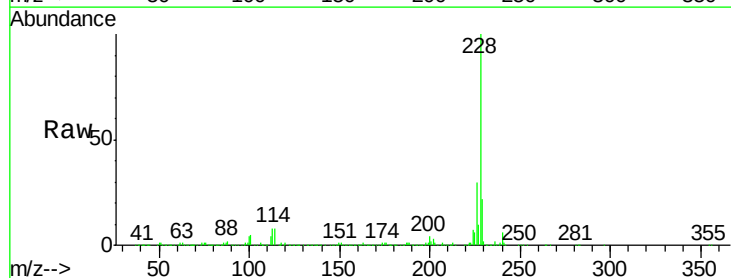
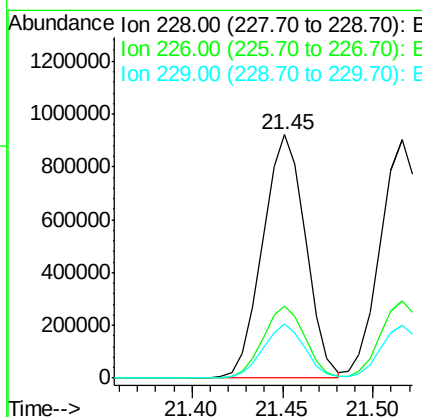
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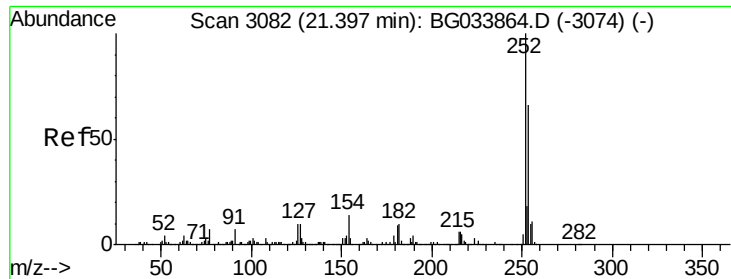
Sohil
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#80
Benzo(a)anthracene
Concen: 41.389 ng
RT: 21.45 min Scan# 3091
Delta R.T. -0.02 min
Lab File: BG033986.D
Acq: 25 Apr 2018 14:41

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.6	22.7	34.1
229	22.3	16.2	24.2





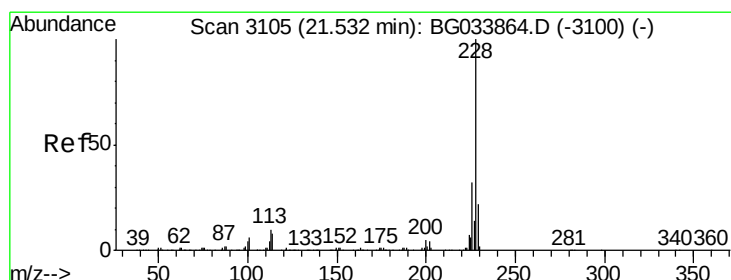
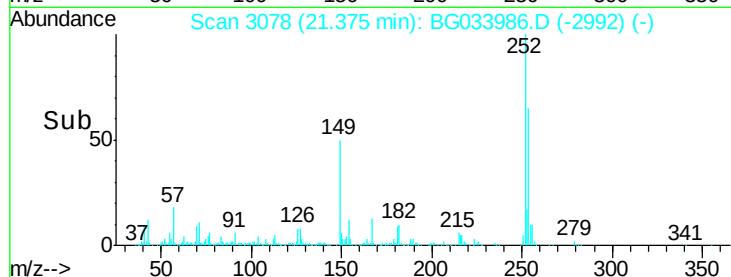
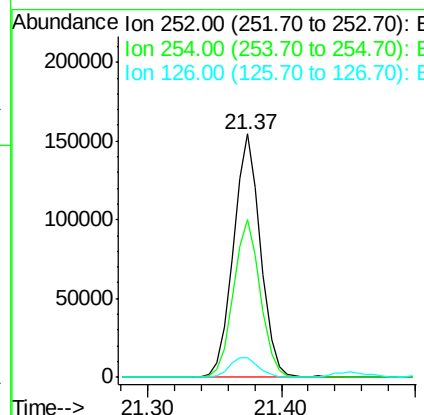
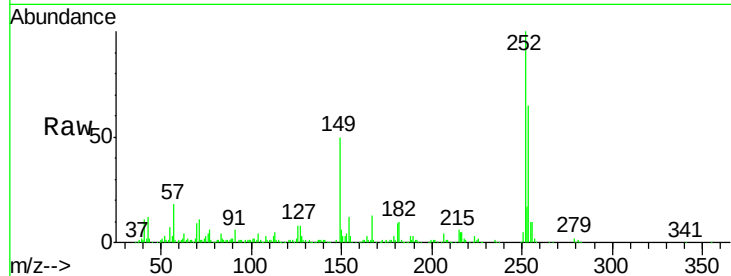
#81
 3,3'-Dichlorobenzidine
 Concen: 15.949 ng
 RT: 21.37 min Scan# 3078
 Delta R.T. -0.02 min
 Lab File: BG033986.D
 Acq: 25 Apr 2018 14:41

Instrument :
 BNA_G
 ClientSampleId :
 KS-RO-238MS

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.6	50.8	76.2
126	8.1	7.4	11.2

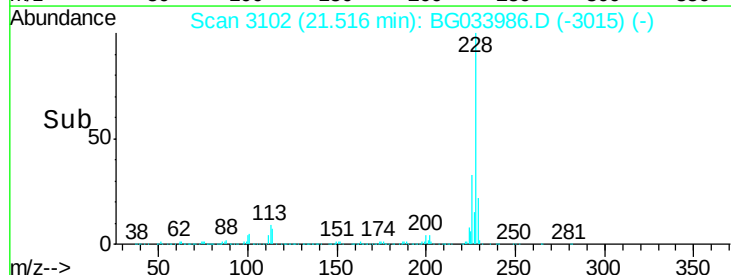
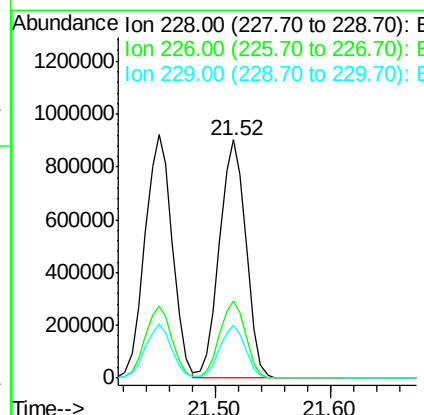
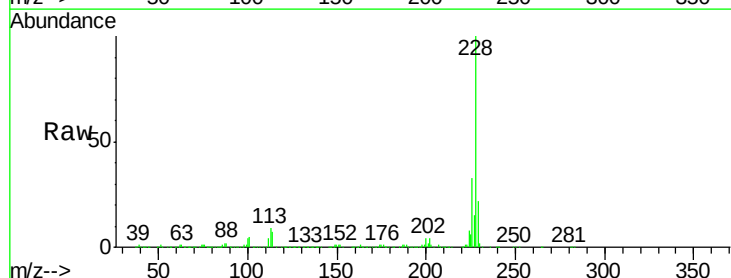
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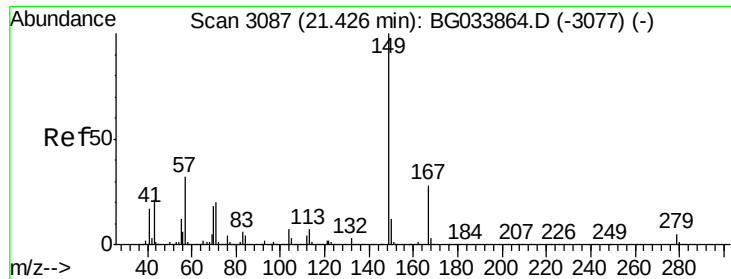
Sohil
 4/26/2018 6:16:34 PM



#82
 Chrysene
 Concen: 40.698 ng
 RT: 21.52 min Scan# 3102
 Delta R.T. -0.02 min
 Lab File: BG033986.D
 Acq: 25 Apr 2018 14:41

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.6	24.9	37.3
229	22.2	15.0	22.4





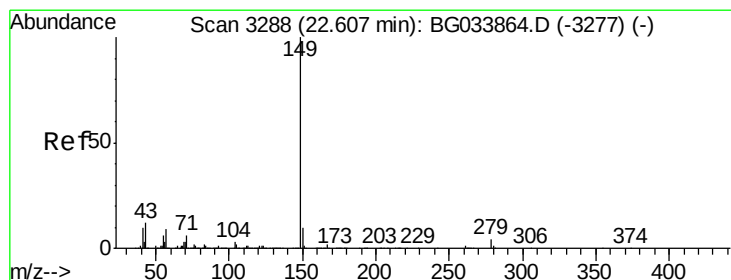
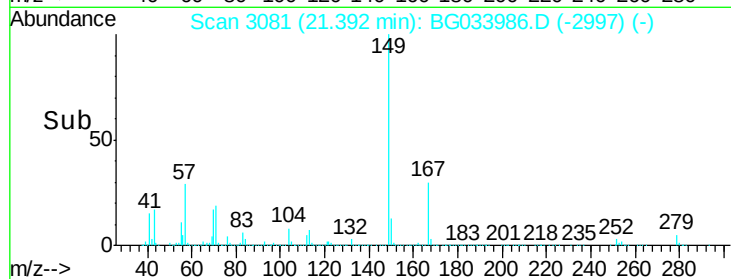
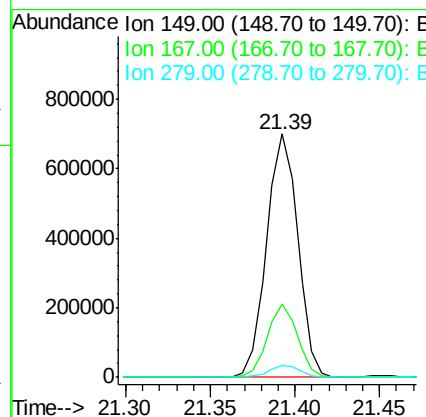
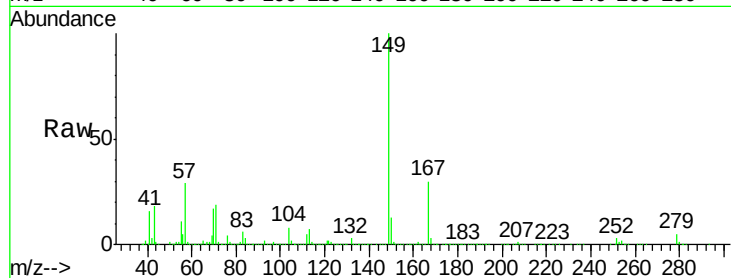
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.937 ng
 RT: 21.39 min Scan# 3081
 Delta R.T. -0.03 min
 Lab File: BG033986.D
 Acq: 25 Apr 2018 14:41

Instrument :
 BNA_G
 ClientSampleId :
 KS-RO-238MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	29.9	24.3	36.5
279	5.0	4.0	6.0

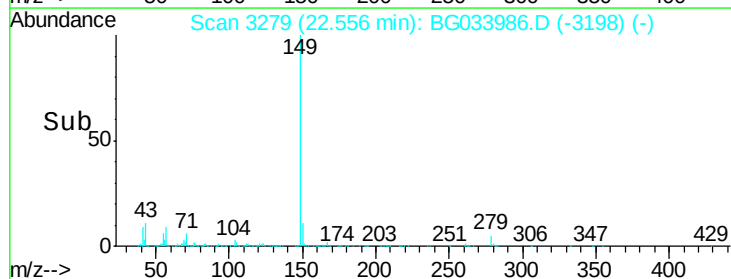
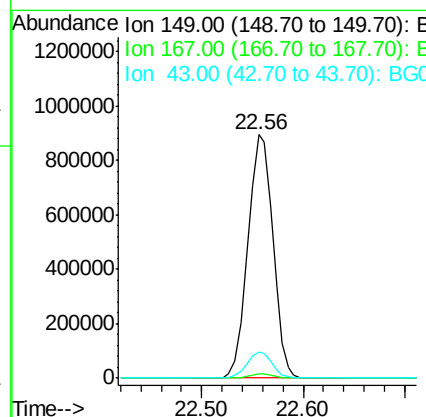
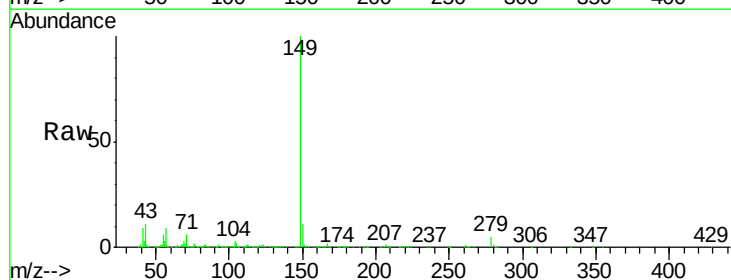
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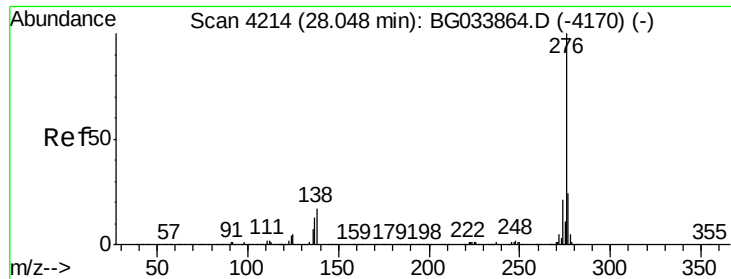
Sohil
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#84
 Di-n-octyl phthalate
 Concen: 40.729 ng
 RT: 22.56 min Scan# 3279
 Delta R.T. -0.05 min
 Lab File: BG033986.D
 Acq: 25 Apr 2018 14:41

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	10.5	8.9	13.3





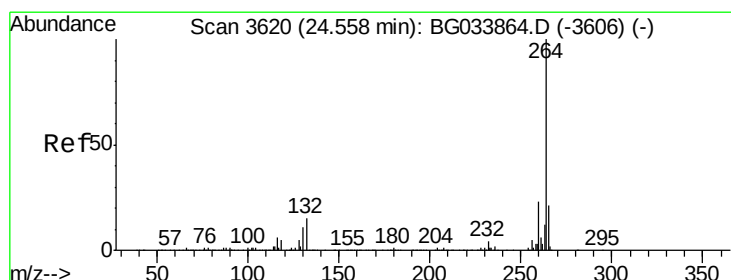
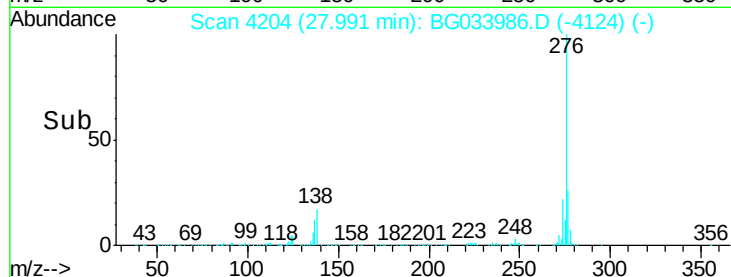
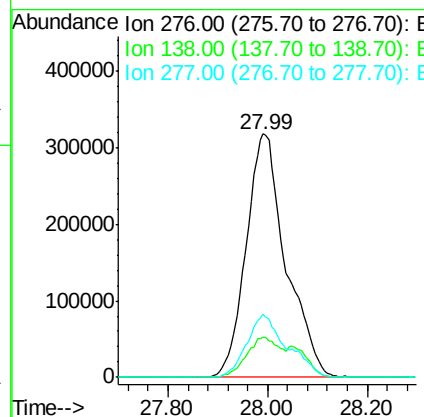
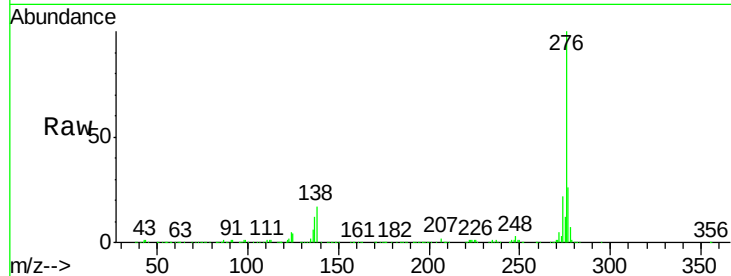
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.040 ng
 RT: 27.99 min Scan# 4204
 Delta R.T. -0.06 min
 Lab File: BG033986.D
 Acq: 25 Apr 2018 14:41

Instrument :
 BNA_G
 ClientSampleId :
 KS-RO-238MS

Tot Ion	Ion	Ratio	Lower	Upper
276	100			
138	14.3	16.0	24.0	
277	26.1	20.0	30.0	

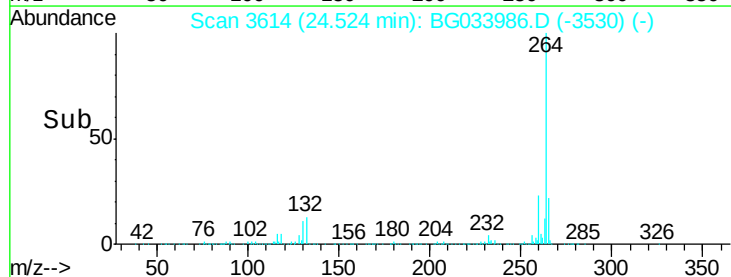
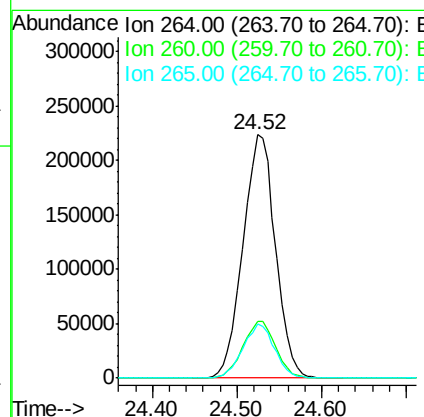
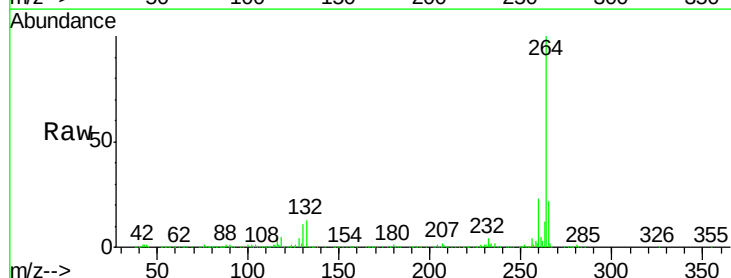
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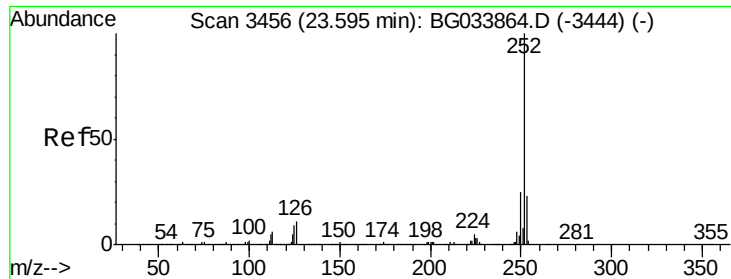
Sohil
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.52 min Scan# 3614
 Delta R.T. -0.03 min
 Lab File: BG033986.D
 Acq: 25 Apr 2018 14:41

Tgt Ion	Ion	Ratio	Lower	Upper
264	100			
260	23.1	17.4	26.0	
265	22.0	17.7	26.5	





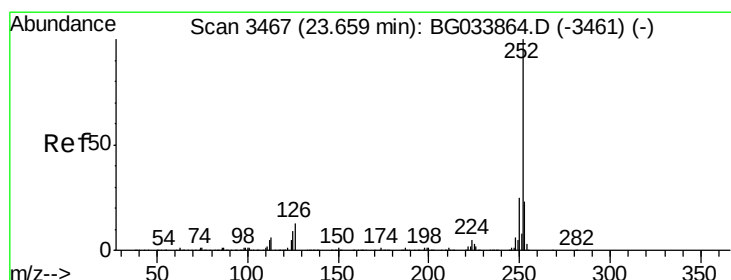
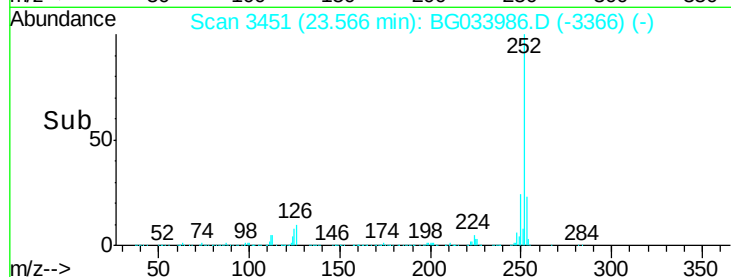
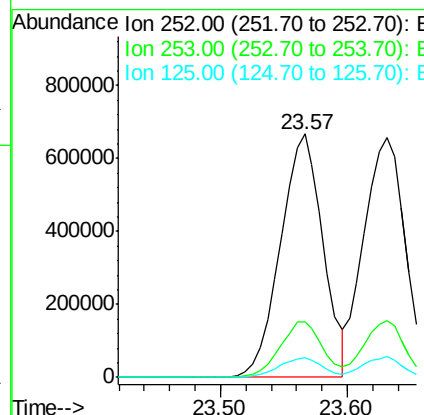
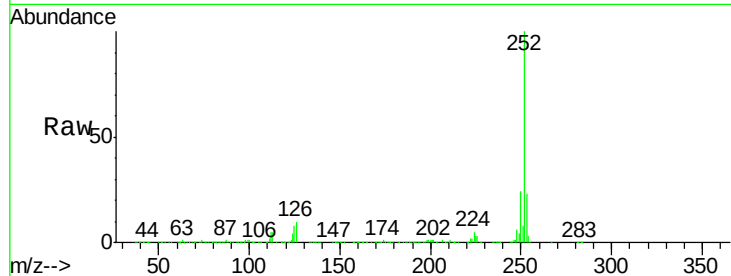
#87
Benzo(b)fluoranthene
Concen: 42.697 ng
RT: 23.57 min Scan# 3451
Delta R.T. -0.03 min
Lab File: BG033986.D
Acq: 25 Apr 2018 14:41

Instrument :
BNA_G
ClientSampleId :
KS-RO-238MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.4
125	8.0	7.2	10.8

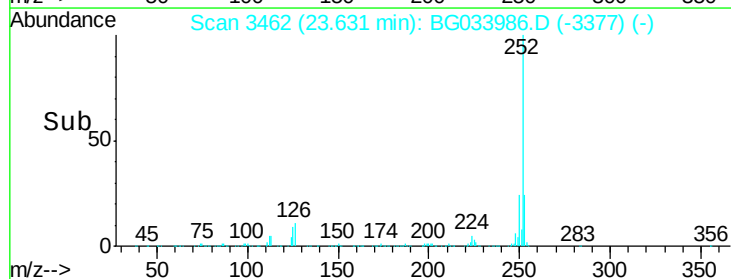
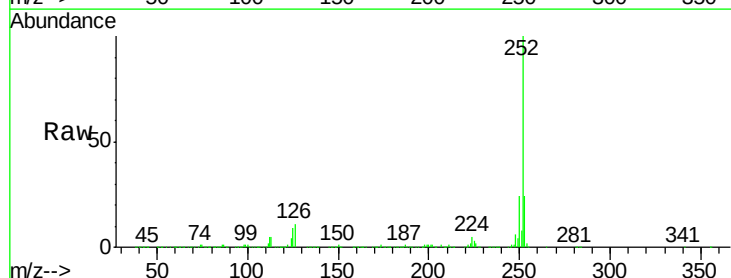
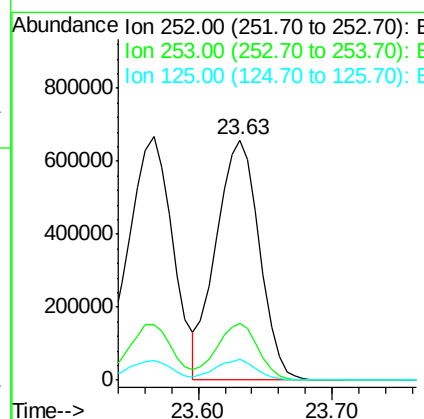
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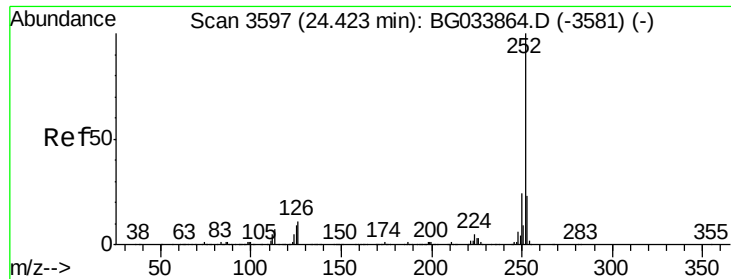
Sohil
4/26/2018 6:16:34 PM



#88
Benzo(k)fluoranthene
Concen: 41.144 ng
RT: 23.63 min Scan# 3462
Delta R.T. -0.03 min
Lab File: BG033986.D
Acq: 25 Apr 2018 14:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.4	26.2
125	9.0	6.6	9.8





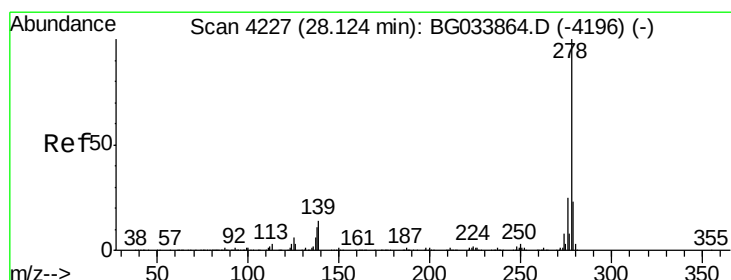
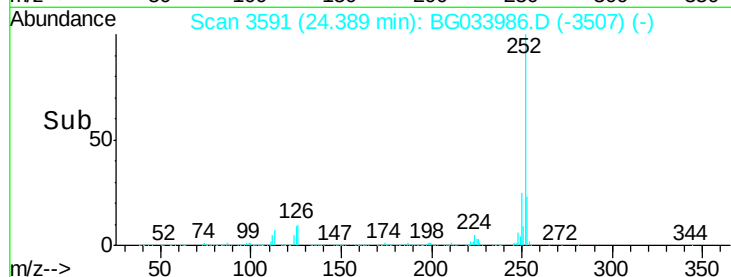
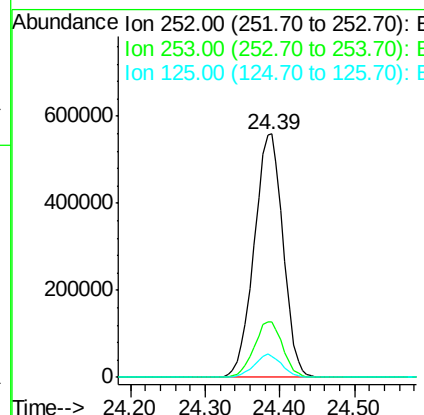
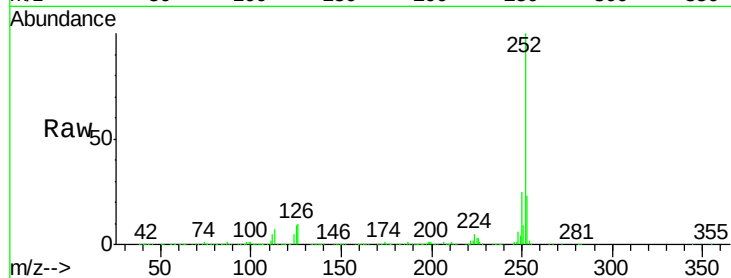
#89
Benzo(a)pyrene
Concen: 43.088 ng
RT: 24.39 min Scan# 3591
Delta R.T. -0.03 min
Lab File: BG033986.D
Acq: 25 Apr 2018 14:41

Instrument :
BNA_G
ClientSampleId :
KS-RO-238MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.3	27.5
125	8.7	7.3	10.9

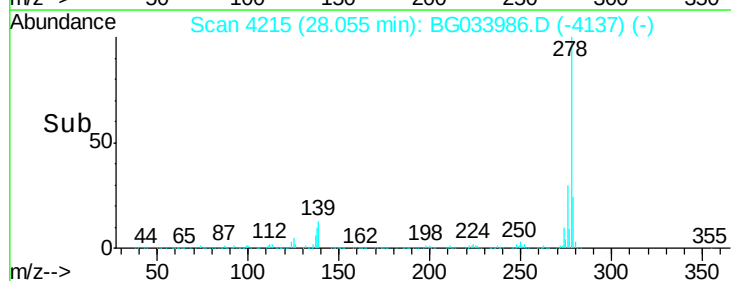
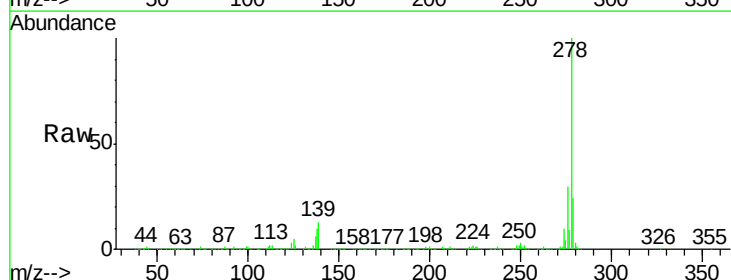
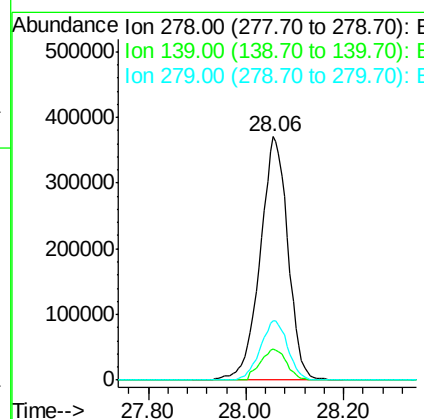
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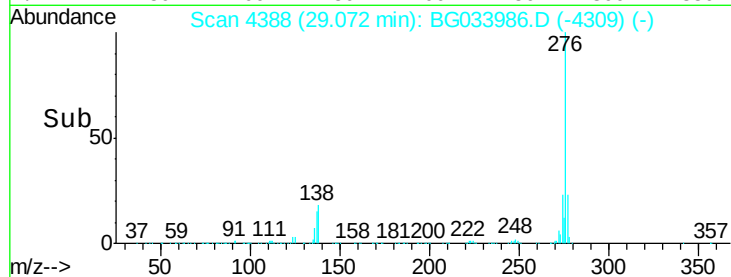
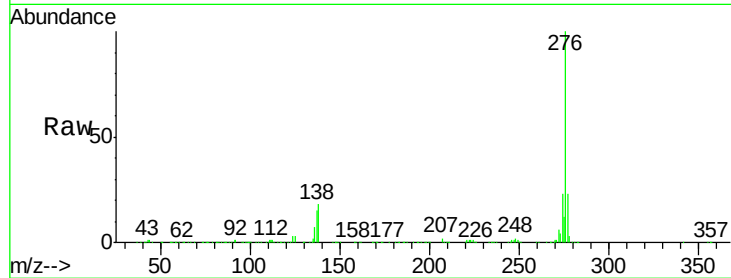
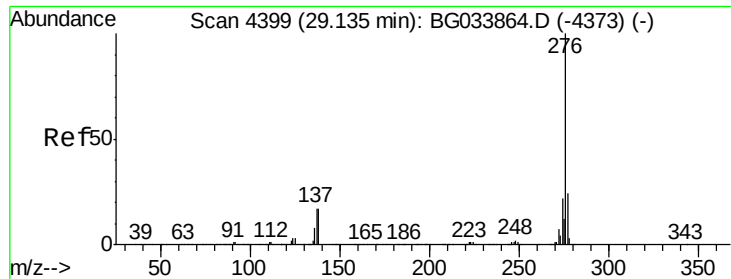
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 43.665 ng
RT: 28.06 min Scan# 4215
Delta R.T. -0.07 min
Lab File: BG033986.D
Acq: 25 Apr 2018 14:41

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.9	9.8	14.6
279	24.1	18.4	27.6





#91

Benzo(a,h,i)perylene

Concen: 44.276 ng

RT: 29.07 min Scan# 4388

Delta R.T. -0.06 min

Lab File: BG033986.D

Acq: 25 Apr 2018 14:41

Tot Ion	Ion	Ratio	Lower	Upper
276	100			
277	23.4	18.3	27.5	
138	18.4	13.9	20.9	

Instrument :

BNA_G

ClientSampleId :

KS-RO-238MS

Manual Integrations
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