

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042418\
 Data File : BG033976.D
 Acq On : 25 Apr 2018 6:14
 Operator : SJ/JU
 Sample : J2504-03MS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 KS-RO-238MS

Manual Integrations
 APPROVED

Sohil
 4/25/2018 4:25:50 PM

Quant Time: Apr 25 12:04:35 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	85979	20.00	ng	0.00
21) Naphthalene-d8	10.61	136	353432	20.00	ng	-0.02
38) Acenaphthene-d10	14.46	164	222340	20.00	ng	-0.01
63) Phenanthrene-d10	17.21	188	542517	20.00	ng	-0.01
75) Chrysene-d12	21.47	240	586024	20.00	ng	-0.02
86) Perylene-d12	24.53	264	610387	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	710546	131.94	ng	0.00
7) Phenol-d6	7.01	99	855926	108.97	ng	0.00
23) Nitrobenzene-d5	8.98	82	625525	100.72	ng	0.00
41) 2,4,6-Tribromophenol	15.95	330	403412	155.52	ng	-0.01
44) 2-Fluorobiphenyl	13.08	172	1422289	93.97	ng	-0.02
78) Terphenyl-d14	19.85	244	2222420	85.20	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.44	88	84004	36.915	ng	87
3) Pyridine	3.82	79	217828	33.084	ng	91
4) n-Nitrosodimethylamine	3.73	42	124582	41.533	ng	# 94
6) Aniline	7.17	93	122143	11.633	ng	94
8) 2-Chlorophenol	7.40	128	257359	42.649	ng	94
9) Benzaldehyde	6.98	77	118514	25.731	ng	94
10) Phenol	7.03	94	279956	34.791	ng	98
11) bis(2-Chloroethyl)ether	7.26	93	240263	39.039	ng	91
12) 1,3-Dichlorobenzene	7.72	146	277938	40.011	ng	97
13) 1,4-Dichlorobenzene	7.86	146	277397	39.427	ng	98
14) 1,2-Dichlorobenzene	8.18	146	265975	38.873	ng	97
15) Benzyl Alcohol	8.06	79	246711	36.020	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.36	45	401767	33.471	ng	95
17) 2-Methylphenol	8.26	107	214295	35.937	ng	96
18) Hexachloroethane	8.90	117	101329	39.413	ng	93
19) n-Nitroso-di-n-propylamine	8.63	70	214056	31.970	ng	# 96
20) 3+4-Methylphenols	8.59	107	290705	33.551	ng	95
22) Acetophenone	8.65	105	382384	39.751	ng	# 96
24) Nitrobenzene	9.02	77	298017	44.036	ng	95
25) Isophorone	9.54	82	556305	39.842	ng	# 94
26) 2-Nitrophenol	9.73	139	139504	52.171	ng	94
27) 2,4-Dimethylphenol	9.79	122	244312	48.847	ng	94
28) bis(2-Chloroethoxy)methane	10.03	93	326535	44.250	ng	98
29) 2,4-Dichlorophenol	10.26	162	264019	47.353	ng	92
30) 1,2,4-Trichlorobenzene	10.47	180	282306	45.206	ng	100
31) Naphthalene	10.66	128	773812	42.576	ng	99
32) Benzoic acid	9.85	122	18367	8.378	ng	# 82
33) 4-Chloroaniline	10.77	127	28208	3.302	ng	95
34) Hexachlorobutadiene	10.95	225	175965	47.102	ng	96
35) Caprolactam	11.54	113	72480m	30.576	ng	
36) 4-Chloro-3-methylphenol	11.89	107	267095	39.249	ng	88
37) 2-Methylnaphthalene	12.28	142	561943	40.384	ng	94
39) 1,2,4,5-Tetrachlorobenzene	12.65	216	336704	45.605	ng	98
40) Hexachlorocyclopentadiene	12.63	237	386966	95.323	ng	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.88	196	221293	49.160	ng	94
43) 2,4,5-Trichlorophenol	12.95	196	239886	46.354	ng	95
45) 1,1'-Biphenyl	13.29	154	752891	41.831	ng	98
46) 2-Chloronaphthalene	13.33	162	571220	41.857	ng	98
47) 2-Nitroaniline	13.53	65	185574	43.551	ng	89
48) Acenaphthylene	14.18	152	894856	39.448	ng	99
49) Dimethylphthalate	13.93	163	758580	38.786	ng	99
50) 2,6-Dinitrotoluene	14.04	165	173570	46.829	ng #	83
51) Acenaphthene	14.53	154	554394	38.904	ng	99
52) 3-Nitroaniline	14.36	138	32711	8.128	ng #	80
53) 2,4-Dinitrophenol	14.57	184	38978	29.406	ng #	55
54) Dibenzofuran	14.86	168	882022	41.748	ng	96
55) 4-Nitrophenol	14.67	139	258179	81.794	ng	88
56) 2,4-Dinitrotoluene	14.83	165	238648	48.420	ng #	81
57) Fluorene	15.51	166	729998	39.929	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.09	232	230608	48.668	ng	96
59) Diethylphthalate	15.30	149	774967	37.487	ng	98
60) 4-Chlorophenyl-phenylether	15.51	204	400482	41.880	ng	95
61) 4-Nitroaniline	15.53	138	174111	40.745	ng	94
62) Azobenzene	15.80	77	682047	37.011	ng	99
64) 4,6-Dinitro-2-methylphenol	15.58	198	49183	22.771	ng	90
65) n-Nitrosodiphenylamine	15.73	169	643737	40.813	ng	97
66) 4-Bromophenyl-phenylether	16.41	248	258319	43.357	ng	97
67) Hexachlorobenzene	16.52	284	265480	41.782	ng	97
68) Atrazine	16.68	200	280336	45.369	ng	99
69) Pentachlorophenol	16.86	266	221058	50.650	ng #	55
70) Phenanthrene	17.25	178	1175674	40.396	ng	97
71) Anthracene	17.35	178	1223559	42.039	ng	99
72) Carbazole	17.62	167	1121041	39.925	ng	98
73) Di-n-butylphthalate	18.19	149	1344898	38.501	ng	99
74) Fluoranthene	19.27	202	1483998	42.152	ng	96
76) Benzidine	19.46	184	224945	14.215	ng	99
77) Pyrene	19.63	202	1487272	38.694	ng	95
79) Butylbenzylphthalate	20.55	149	648551	38.422	ng	92
80) Benzo(a)anthracene	21.45	228	1518690	41.097	ng	98
81) 3,3'-Dichlorobenzidine	21.37	252	181269	13.156	ng	96
82) Chrysene	21.51	228	1427008	40.439	ng	96
83) Bis(2-ethylhexyl)phthalate	21.40	149	910820	38.208	ng	99
84) Di-n-octyl phthalate	22.56	149	1550551	40.979	ng	99
85) Indeno(1,2,3-cd)pyrene	27.99	276	1799484	44.799	ng #	93
87) Benzo(b)fluoranthene	23.56	252	1584662	42.556	ng	99
88) Benzo(k)fluoranthene	23.63	252	1499598	40.542	ng	98
89) Benzo(a)pyrene	24.39	252	1524664	42.753	ng	100
90) Dibenzo(a,h)anthracene	28.06	278	1489525	43.165	ng	96
91) Benzo(g,h,i)perylene	29.07	276	1475087	43.442	ng	99

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

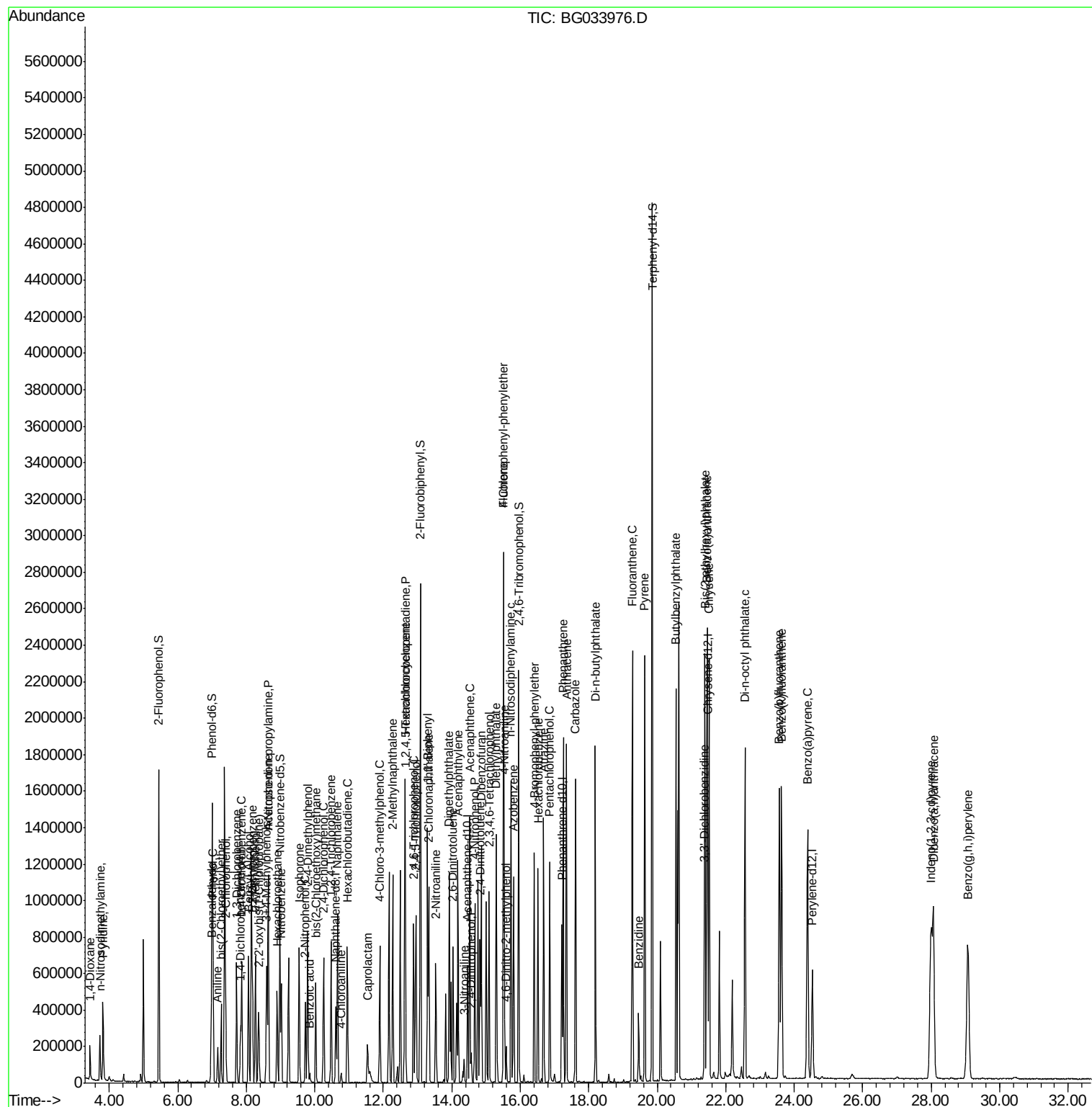
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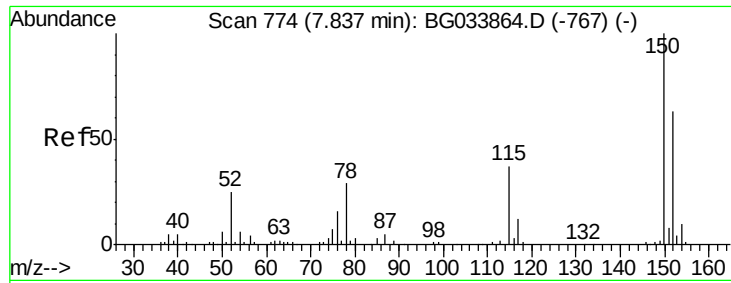
Instrument :
 BNA_G
 ClientSampleId :
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#1

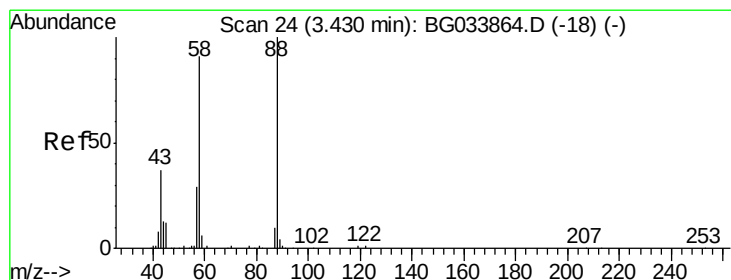
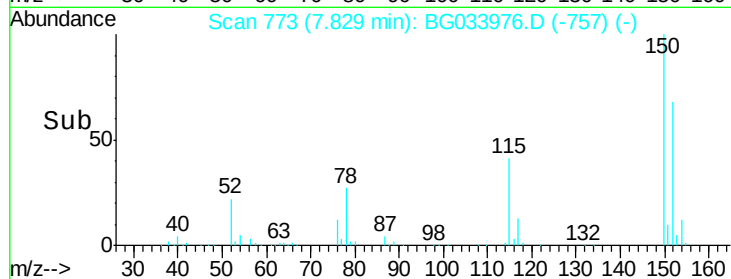
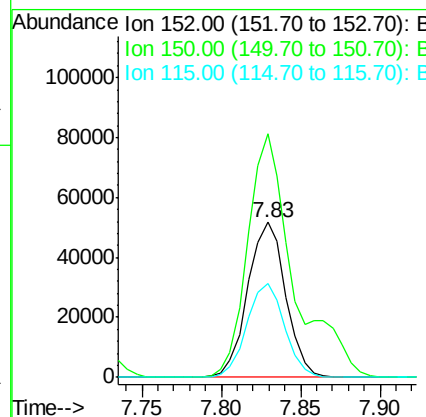
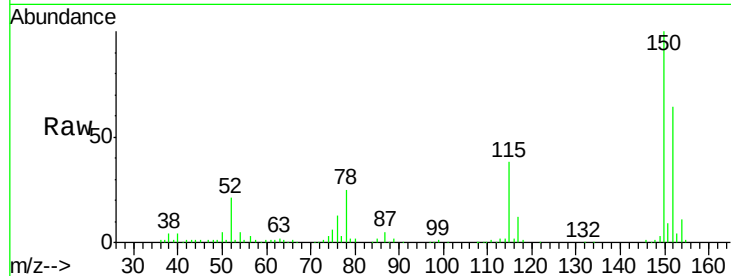
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.83 min Scan# 773
 Delta R.T. -0.01 min
 Lab File: BG033976.D
 Acq: 25 Apr 2018 6:14

Instrument :
 BNA_G
 ClientSampled :
 KS-RO-238MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	126.6	189.8
115	60.5	53.0	79.4

Manual Integrations
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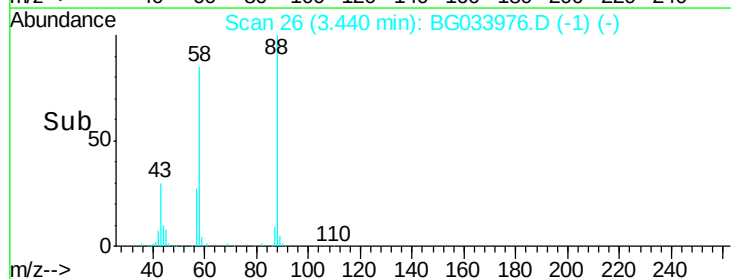
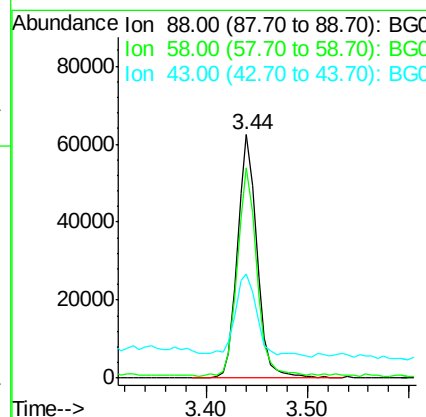
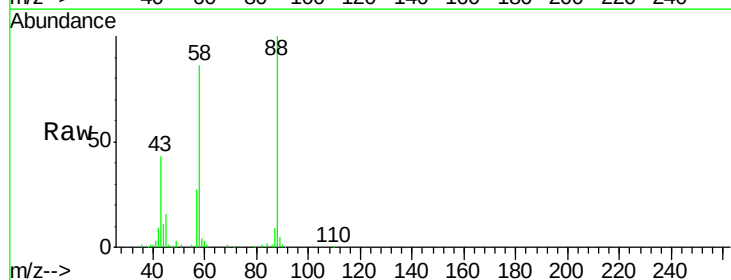
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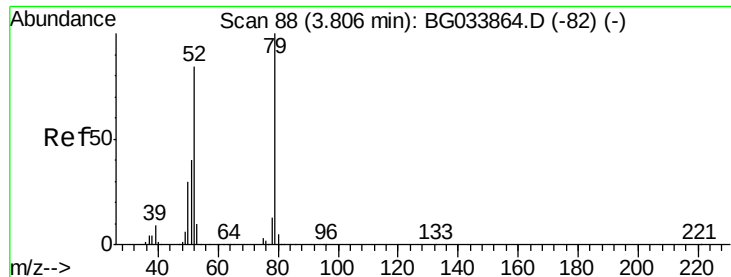


#2

1,4-Dioxane
 Concen: 36.915 ng
 RT: 3.44 min Scan# 26
 Delta R.T. 0.01 min
 Lab File: BG033976.D
 Acq: 25 Apr 2018 6:14

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.2	79.6	119.4
43	38.1	27.4	41.0





#3

Pvridine

Concen: 33.084 ng

RT: 3.82 min Scan# 90

Delta R.T. 0.01 min

Lab File: BG033976.D

Acq: 25 Apr 2018 6:14

Instrument :

BNA_G

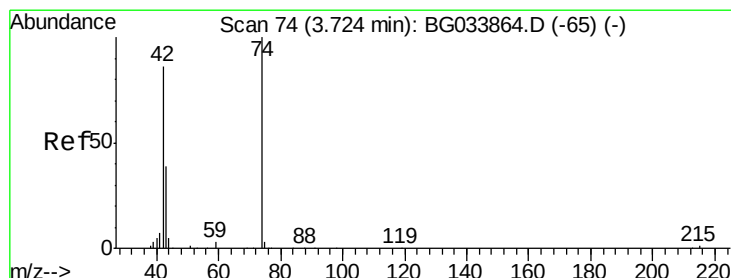
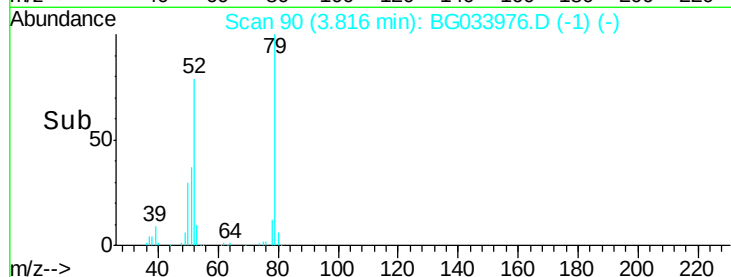
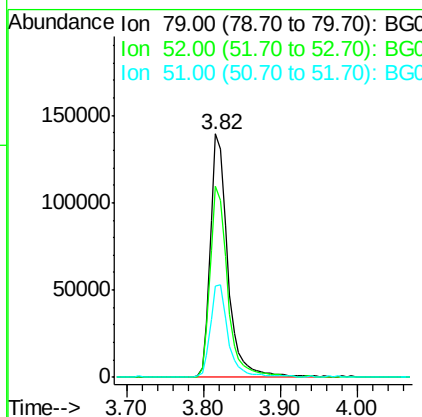
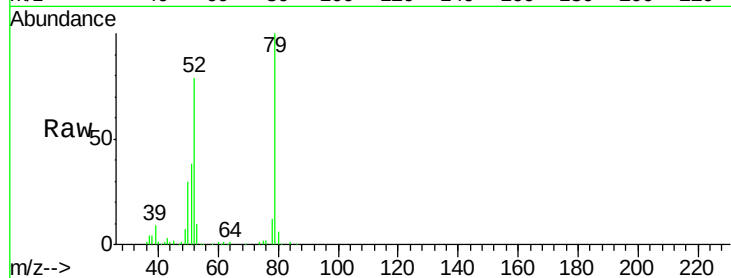
ClientSampleId :

KS-RO-238MS

Tot Ion	Ratio	Lower	Upper
79	100		
52	78.7	69.9	104.9
51	37.6	34.0	51.0

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 41.533 ng

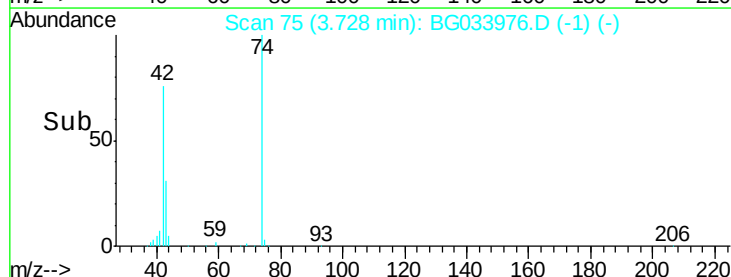
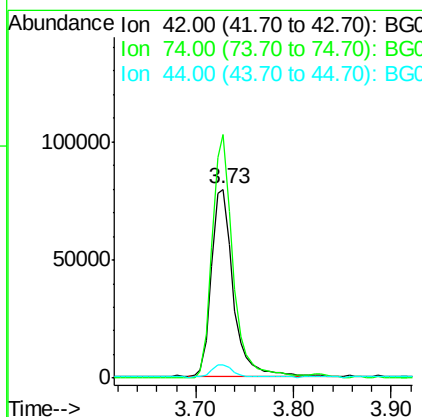
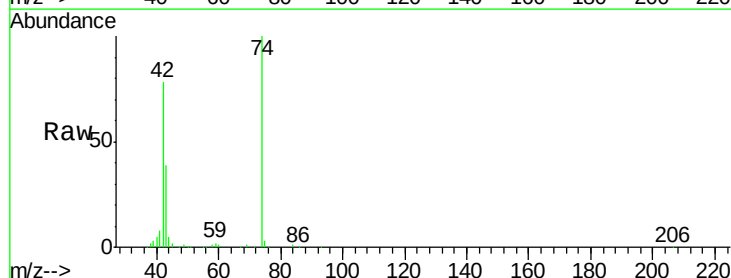
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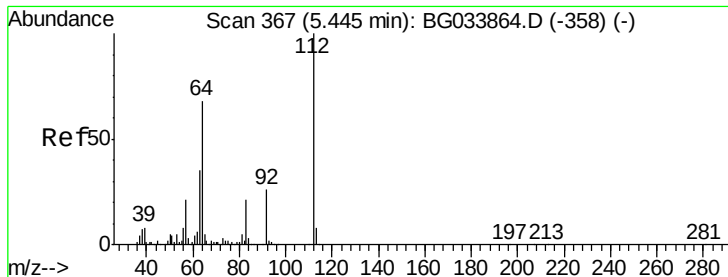
Delta R.T. 0.00 min

Lab File: BG033976.D

Acq: 25 Apr 2018 6:14

Tgt Ion	Ratio	Lower	Upper
42	100		
74	129.0	102.5	153.7
44	6.8	18.9	28.3





#5

2-Fluorophenol

Concen: 131.940 ng

RT: 5.44 min Scan# 367

Delta R.T. -0.00 min

Lab File: BG033976.D

Acq: 25 Apr 2018 6:14

Instrument :

BNA_G

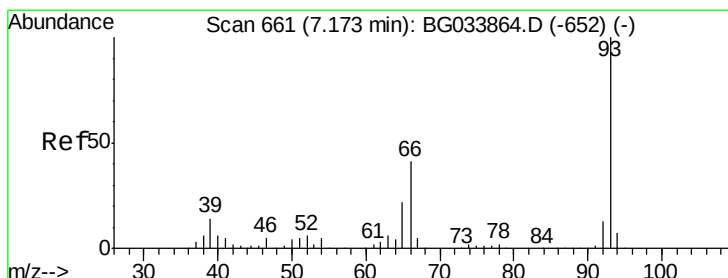
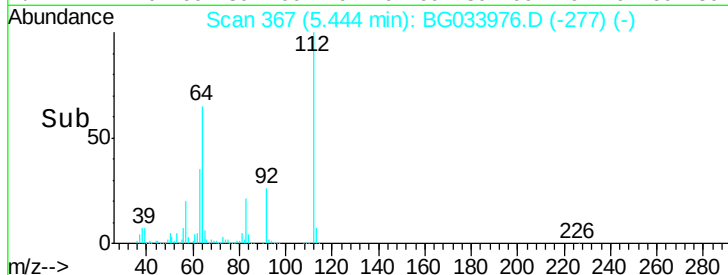
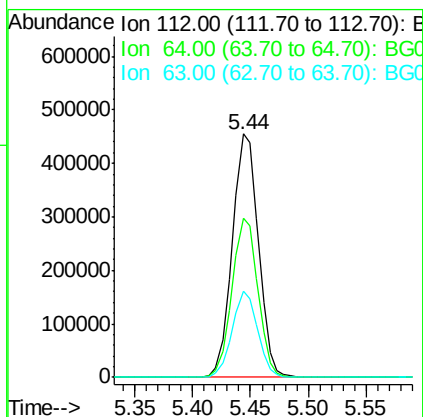
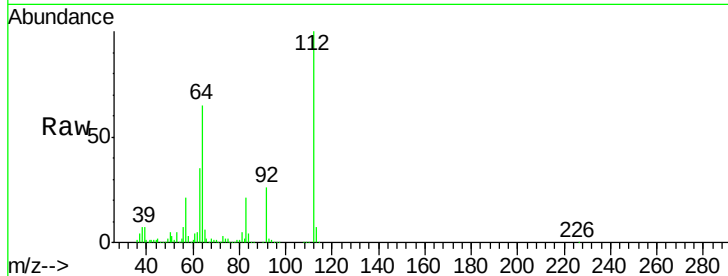
ClientSampleId :

KS-RO-238MS

Tot Ion:	112	Resp:	710546
Ion Ratio	Lower	Upper	
112	100		
64	65.3	56.3	84.5
63	35.2	30.1	45.1

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#6

Aniline

Concen: 11.633 ng

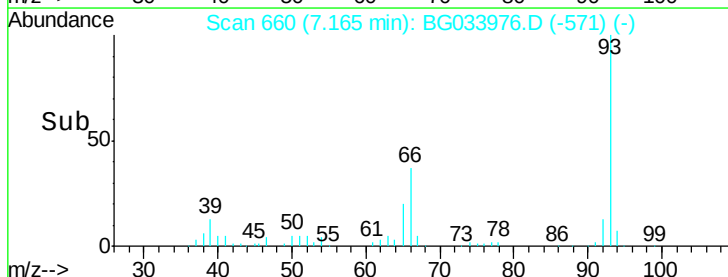
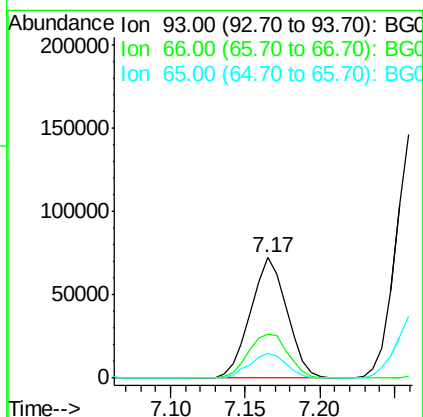
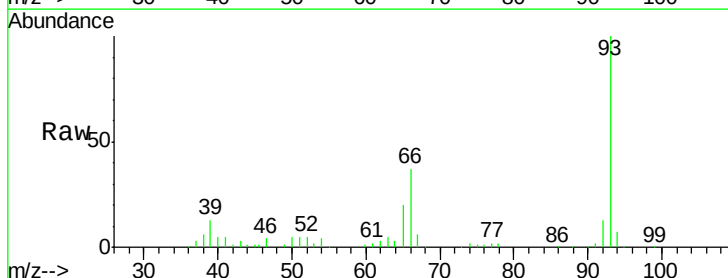
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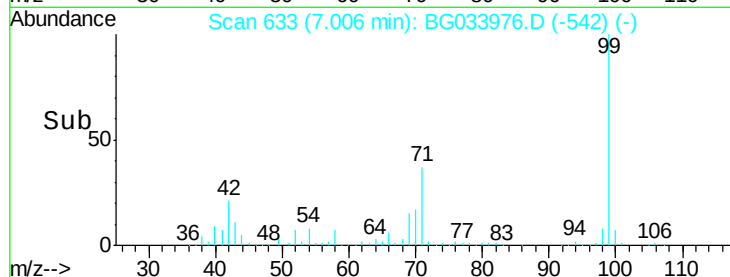
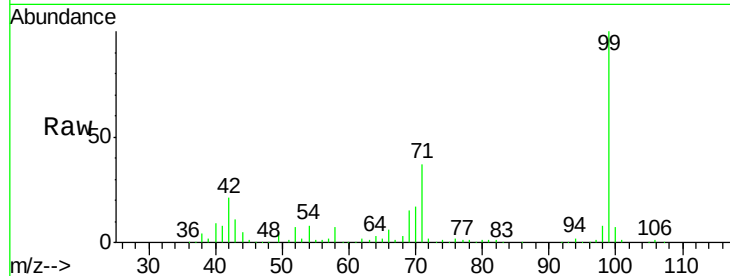
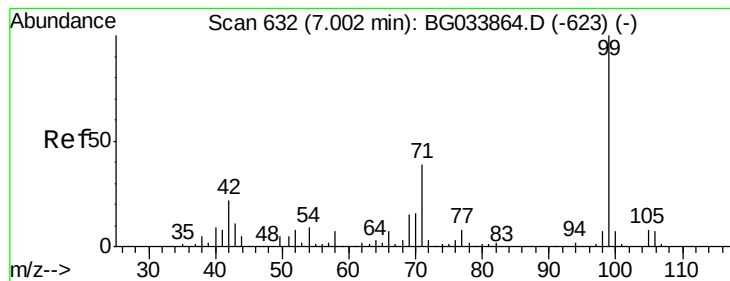
Delta R.T. -0.01 min

Lab File: BG033976.D

Acq: 25 Apr 2018 6:14

Tgt Ion:	93	Resp:	122143
Ion Ratio	Lower	Upper	
93	100		
66	36.7	33.7	50.5
65	20.2	16.1	24.1





#7

Phenol-d6

Concen: 108.968 ng

RT: 7.01 min Scan# 633

Delta R.T. 0.00 min

Lab File: BG033976.D

Acq: 25 Apr 2018 6:14

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		855926		
42	20.6	14.1	21.1		
71	37.4	26.1	39.1		

Instrument :

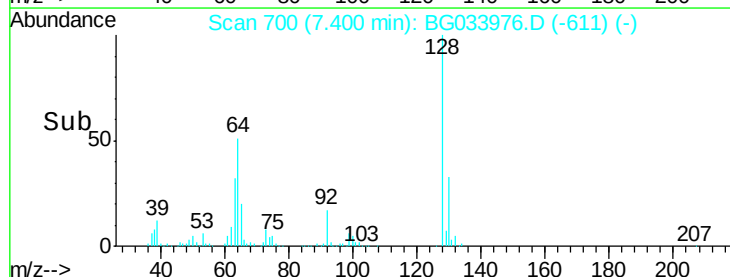
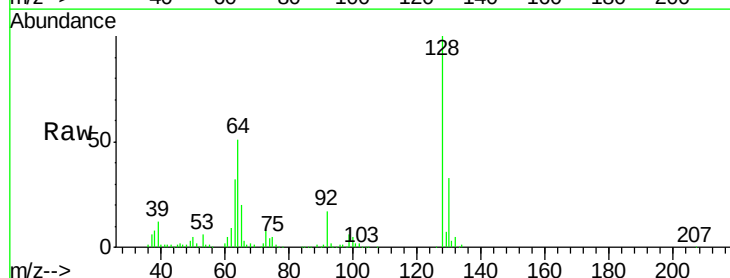
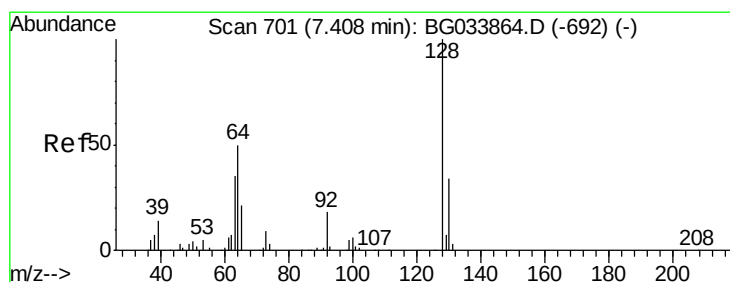
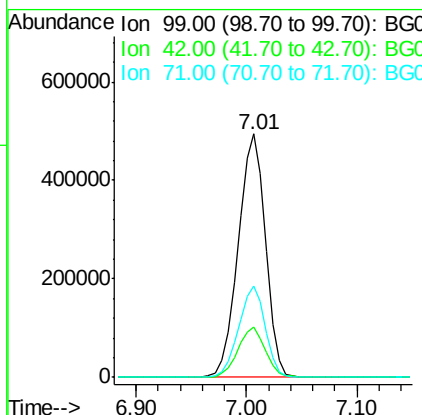
BNA_G

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KS-RO-238MS

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#8

2-Chlorophenol

Concen: 42.649 ng

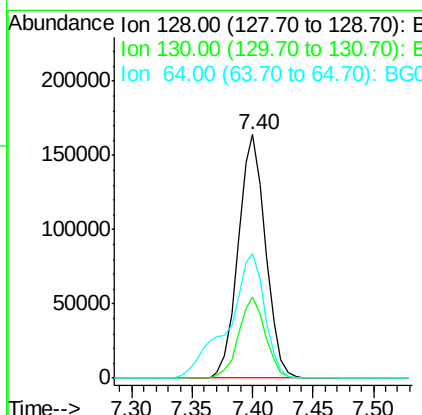
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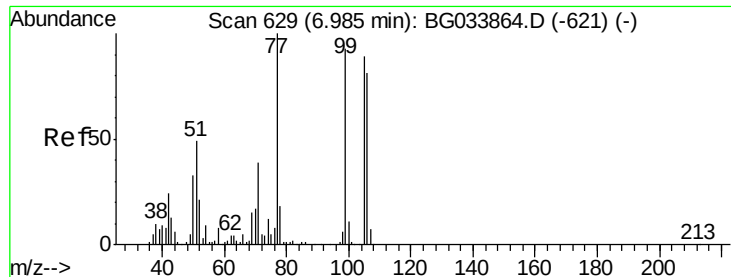
Delta R.T. -0.01 min

Lab File: BG033976.D

Acq: 25 Apr 2018 6:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		257359		
130	33.2	14.0	54.0		
64	51.0	37.7	77.7		





#9

Benzaldehyde

Concen: 25.731 ng

RT: 6.98 min Scan# 628

Delta R.T. -0.01 min

Lab File: BG033976.D

Acq: 25 Apr 2018 6:14

Instrument :

BNA_G

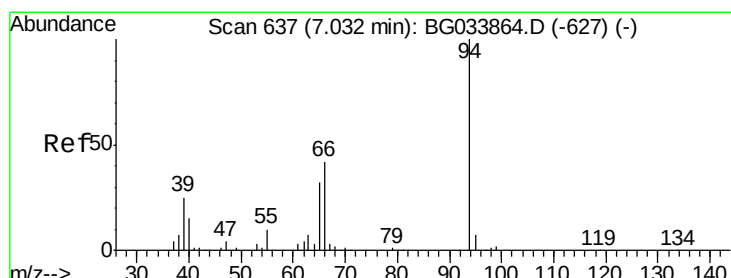
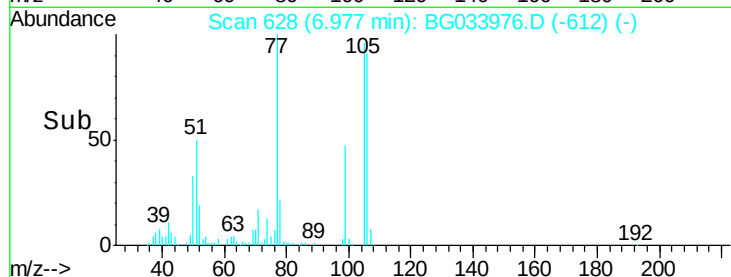
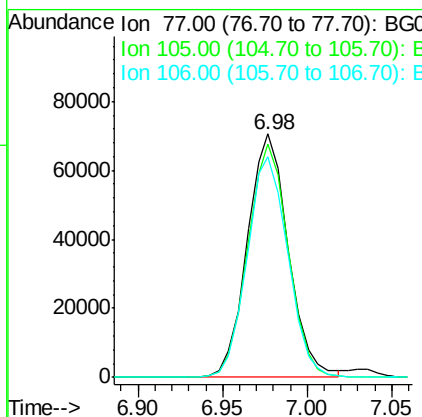
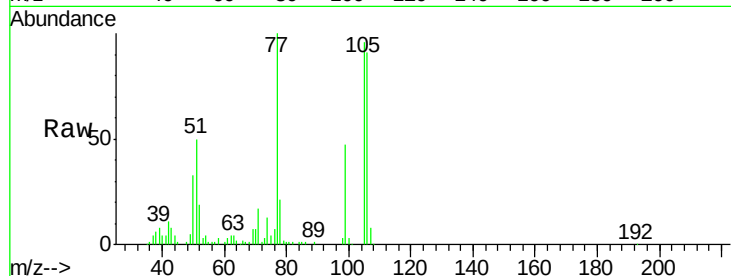
ClientSampleId :

KS-RO-238MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	95.7	71.3	111.3		
106	90.6	64.2	104.2		

Manual Integrations
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#10

Phenol

Concen: 34.791 ng

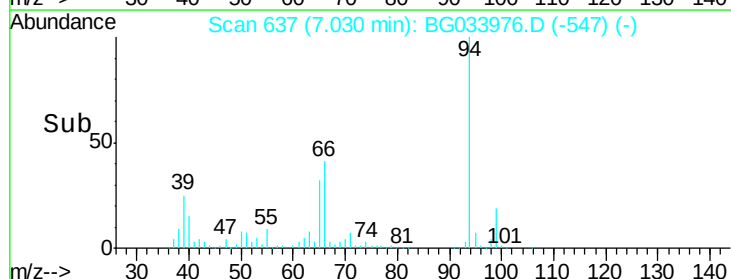
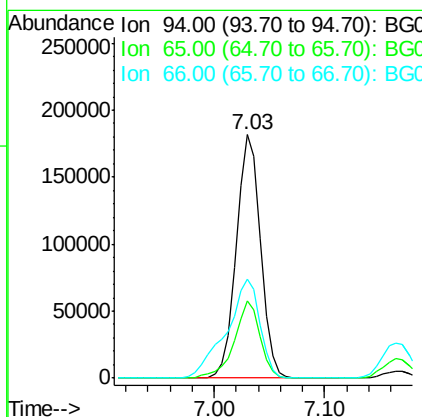
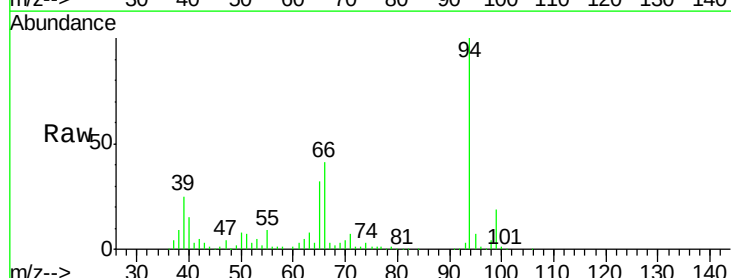
RT: 7.03 min Scan# 637

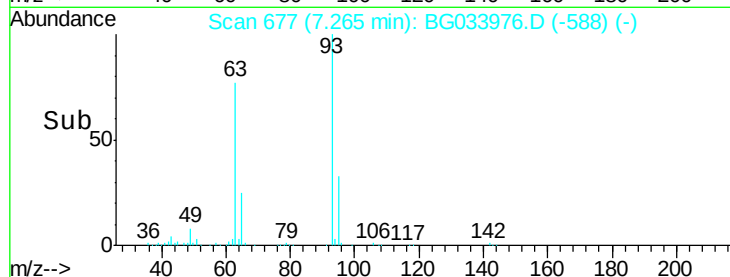
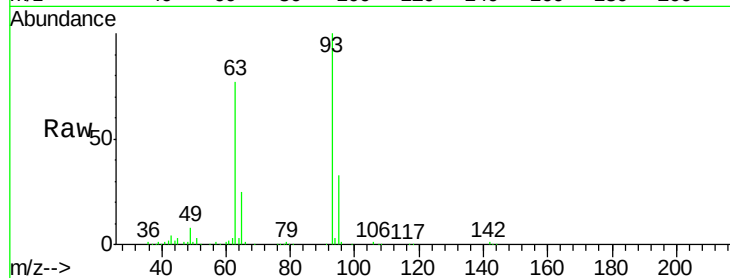
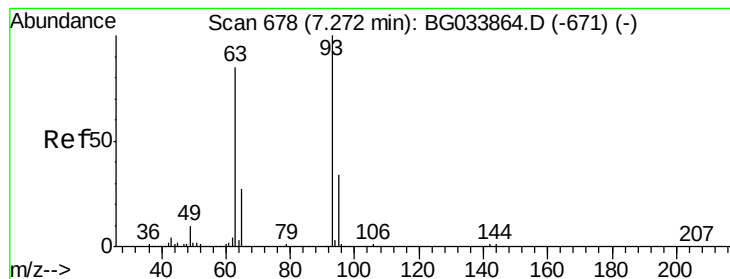
Delta R.T. -0.00 min

Lab File: BG033976.D

Acq: 25 Apr 2018 6:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	31.6	11.9	51.9		
66	40.6	22.2	62.2		





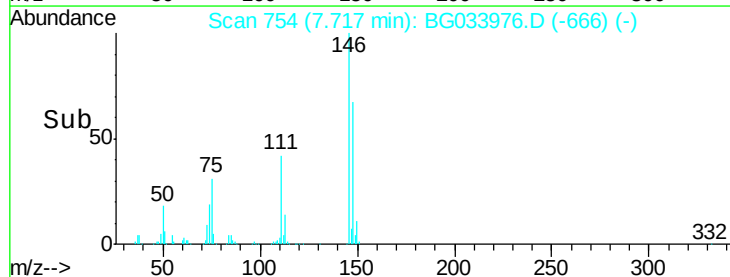
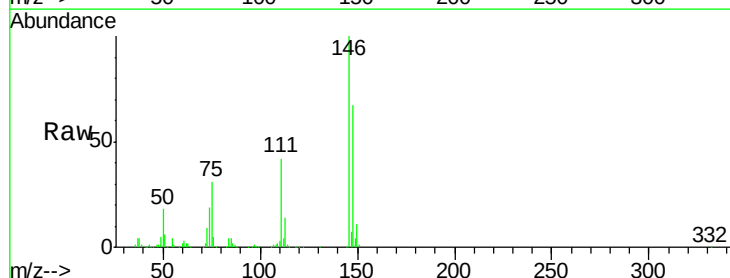
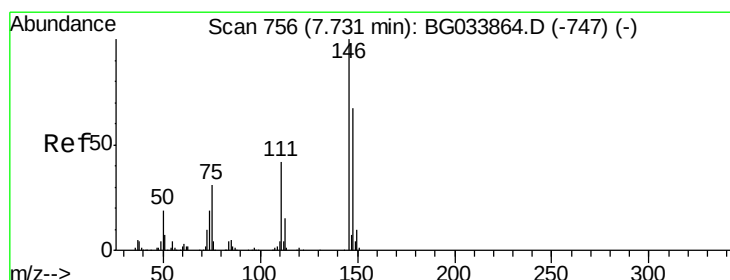
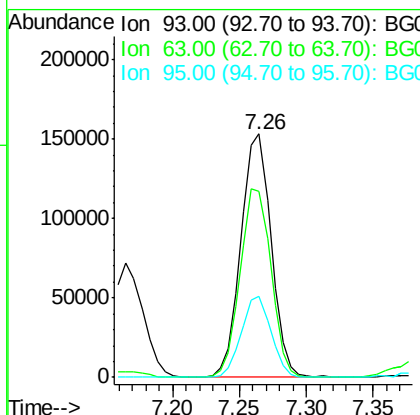
#11
bis(2-Chloroethyl)ether
Concen: 39.039 ng
RT: 7.26 min Scan# 677
Delta R.T. -0.01 min
Lab File: BG033976.D
Acq: 25 Apr 2018 6:14

Tot Ion	Ratio	Resp	Lower	Upper
93	100	240263		
63	76.5		67.1	107.1
95	33.2		11.5	51.5

Instrument :
BNA_G
ClientSampleId :
KS-RO-238MS

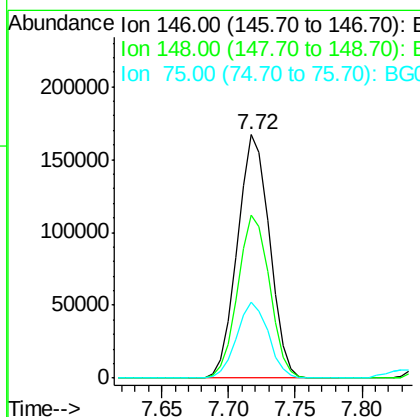
Manual Integrations
APPROVED

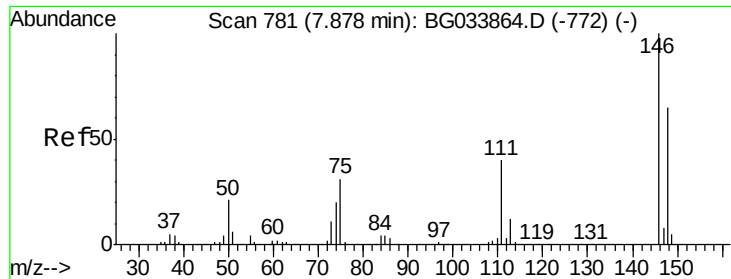
Sohil
4/25/2018 4:25:50 PM



#12
1,3-Dichlorobenzene
Concen: 40.011 ng
RT: 7.72 min Scan# 754
Delta R.T. -0.01 min
Lab File: BG033976.D
Acq: 25 Apr 2018 6:14

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	277938		
148	66.7		51.4	77.2
75	31.2		26.6	39.8





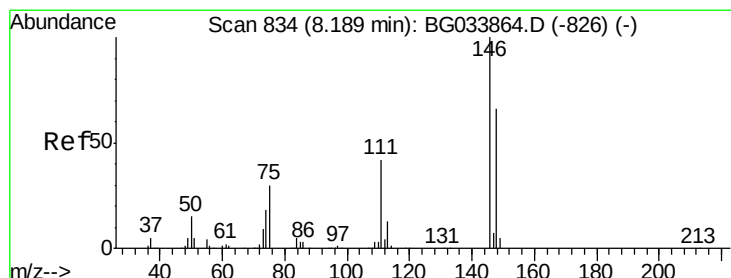
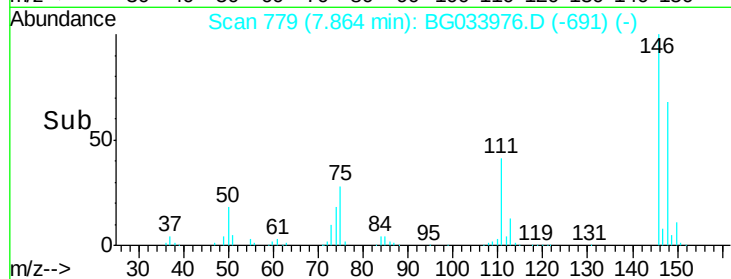
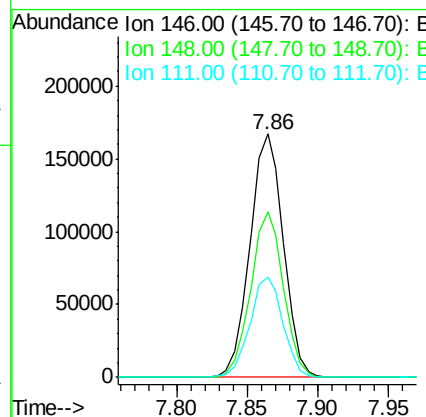
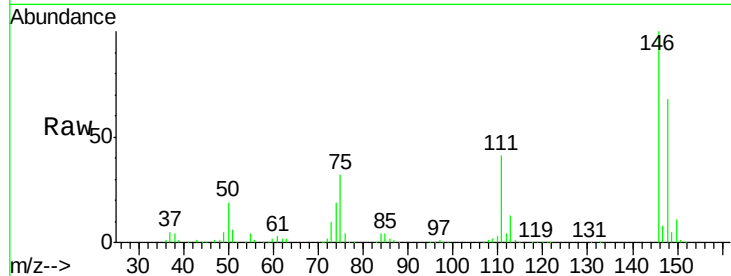
#13
 1,4-Dichlorobenzene
 Concen: 39.427 ng
 RT: 7.86 min Scan# 779
 Delta R.T. -0.01 min
 Lab File: BG033976.D
 Acq: 25 Apr 2018 6:14

Instrument :
 BNA_G
 ClientSampleId :
 KS-RO-238MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	68.2	53.7	80.5
111	41.3	35.2	52.8

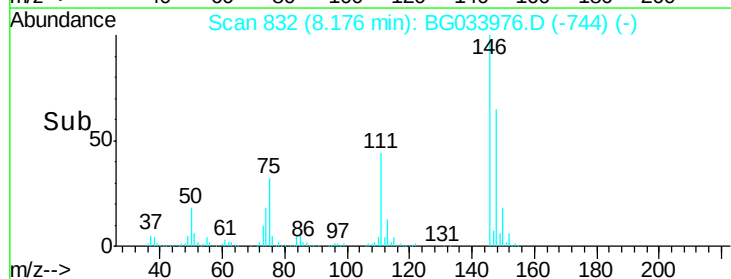
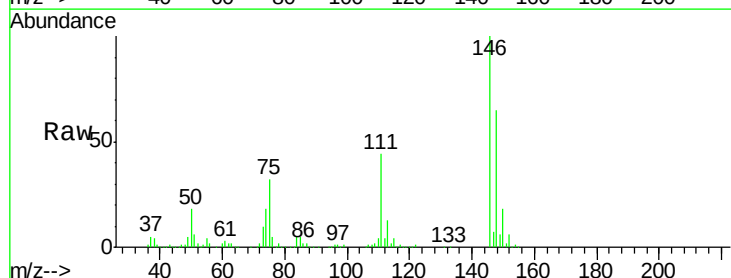
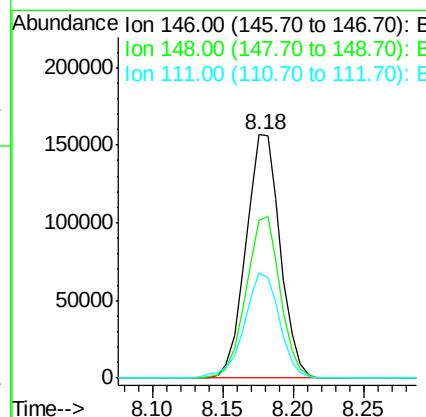
Manual Integrations
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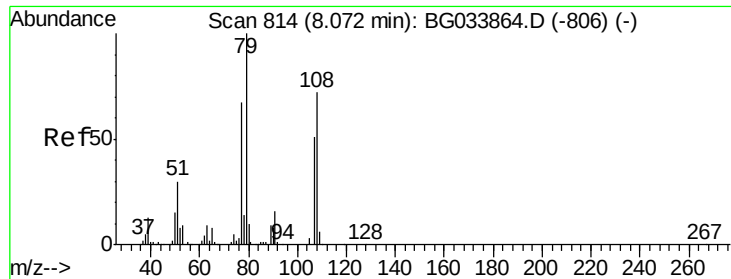
Sohil
 4/25/2018 4:25:50 PM



#14
 1,2-Dichlorobenzene
 Concen: 38.873 ng
 RT: 8.18 min Scan# 832
 Delta R.T. -0.01 min
 Lab File: BG033976.D
 Acq: 25 Apr 2018 6:14

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	49.3	73.9
111	43.5	34.3	51.5





#15

Benzyl Alcohol

Concen: 36.020 ng

RT: 8.06 min Scan# 813

Delta R.T. -0.01 min

Lab File: BG033976.D

Acq: 25 Apr 2018 6:14

Instrument :

BNA_G

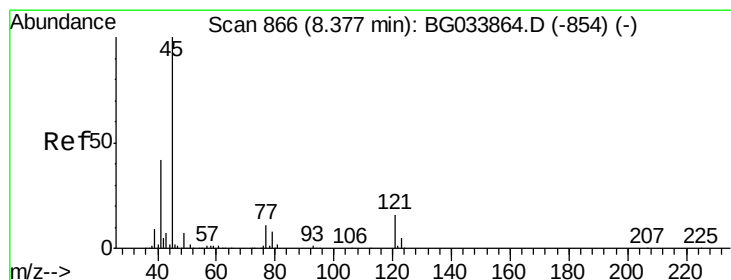
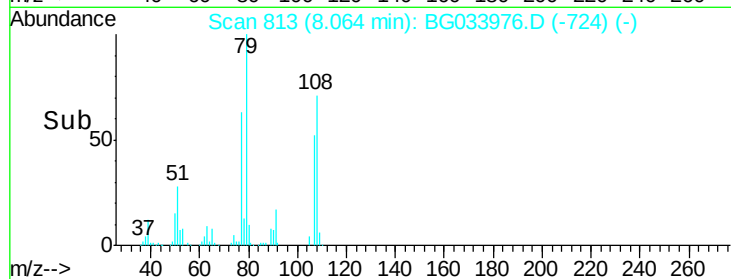
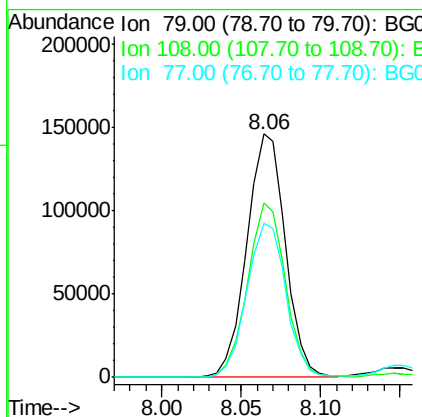
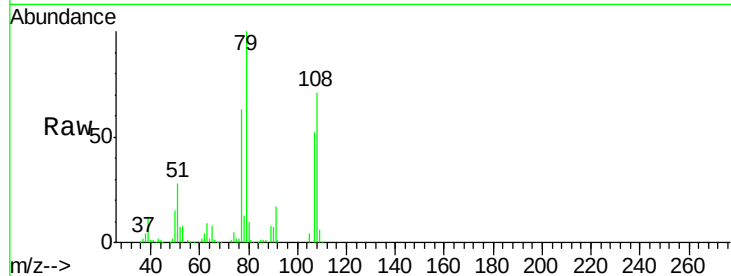
ClientSampleId :

KS-RO-238MS

Tot Ion:	79	Resp:	246711
Ion Ratio	Lower	Upper	
79	100		
108	71.5	57.2	85.8
77	63.2	46.1	69.1

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.471 ng

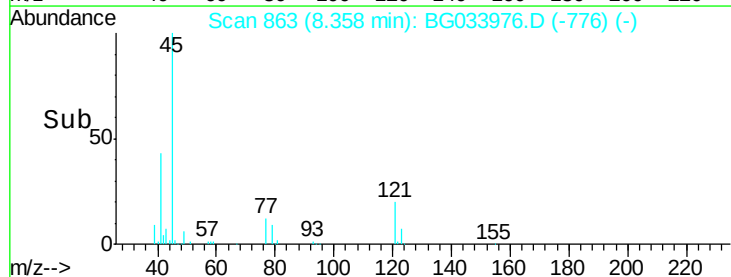
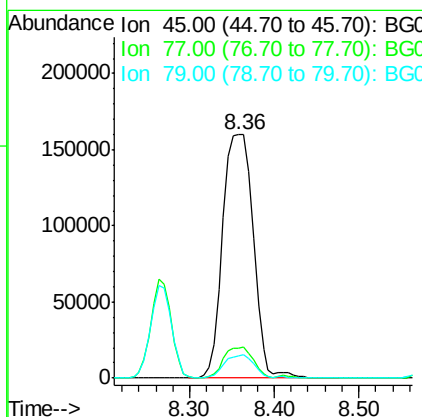
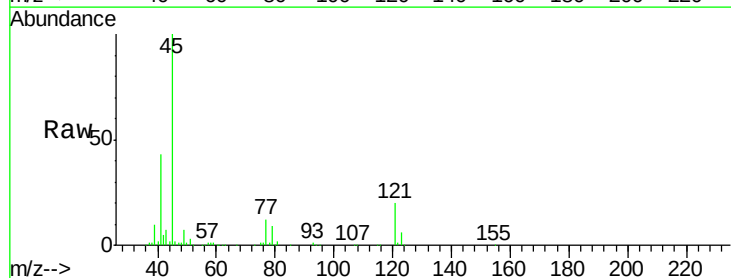
RT: 8.36 min Scan# 863

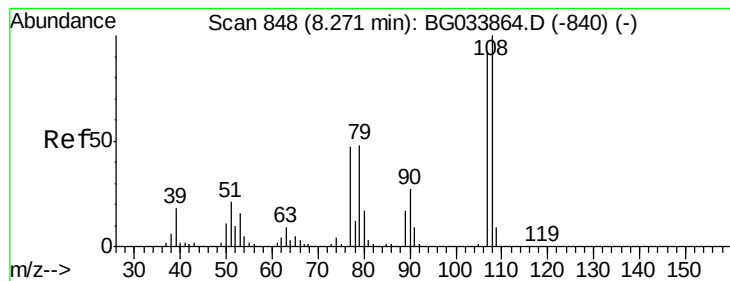
Delta R.T. -0.02 min

Lab File: BG033976.D

Acq: 25 Apr 2018 6:14

Tgt Ion:	45	Resp:	401767
Ion Ratio	Lower	Upper	
45	100		
77	12.1	0.0	30.2
79	9.3	0.0	27.9





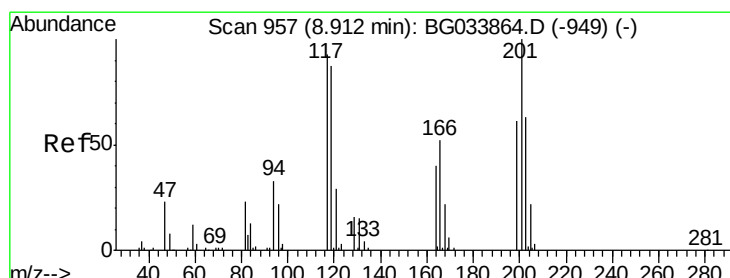
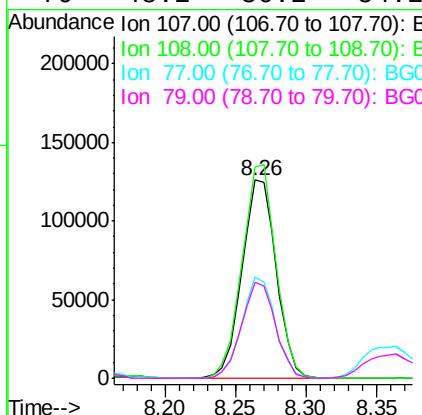
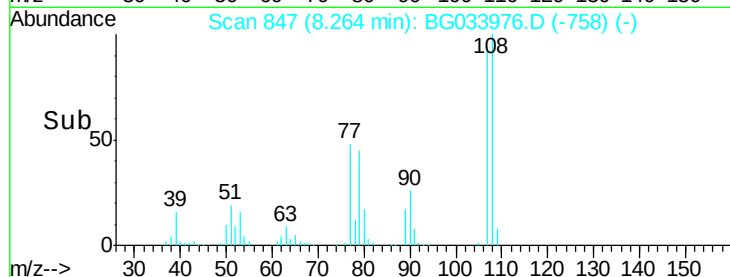
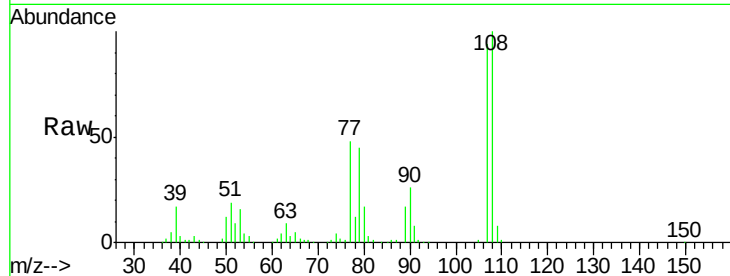
#17
2-Methylphenol
Concen: 35.937 ng
RT: 8.26 min Scan# 847
Delta R.T. -0.01 min
Lab File: BG033976.D
Acq: 25 Apr 2018 6:14

Instrument :
BNA_G
ClientSampled :
KS-RO-238MS

Tot Ion	107	Resp	214295
Ion Ratio	Lower	Upper	
107	100		
108	106.4	83.9	125.9
77	51.3	37.2	55.8
79	48.2	36.2	54.2

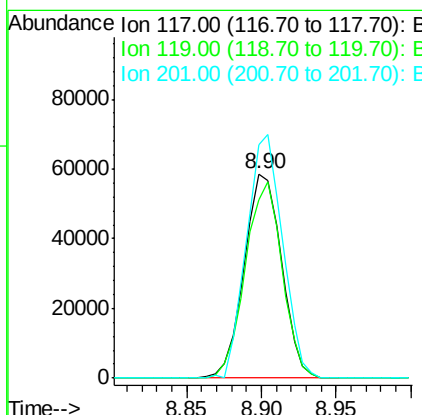
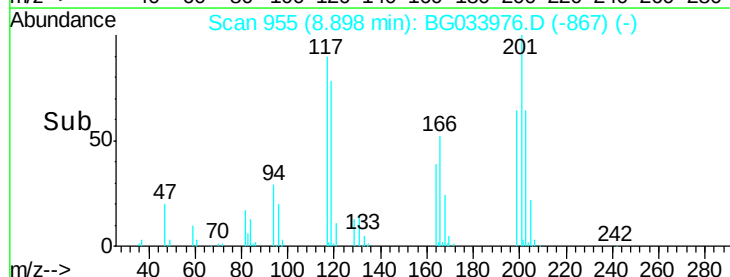
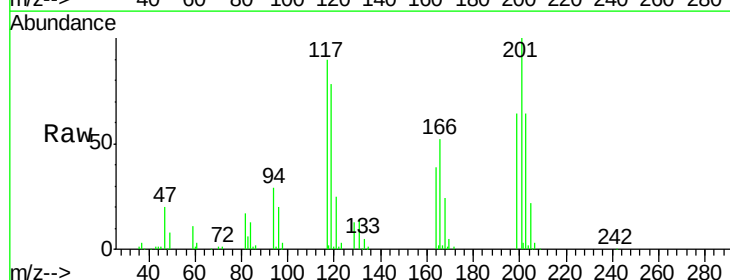
Manual Integrations
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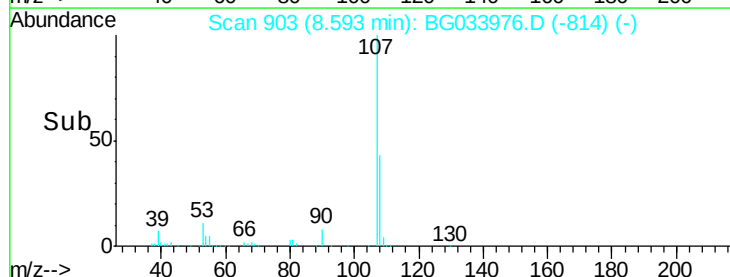
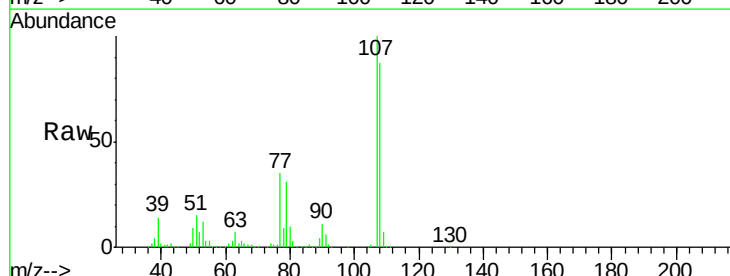
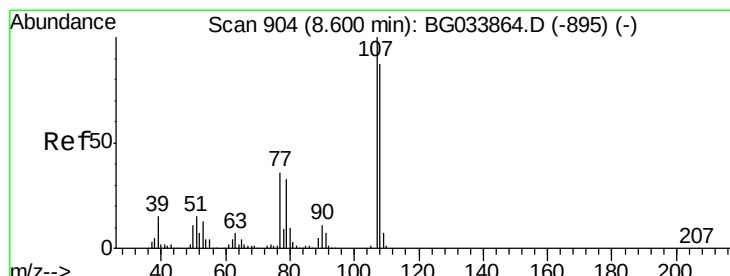
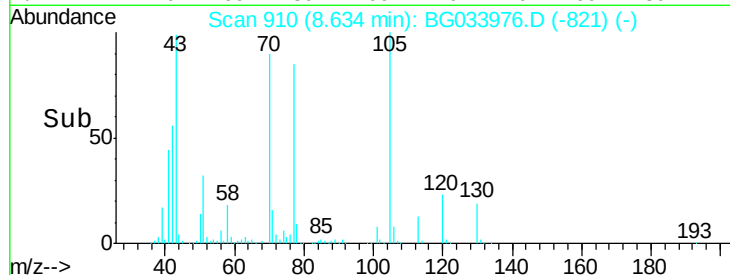
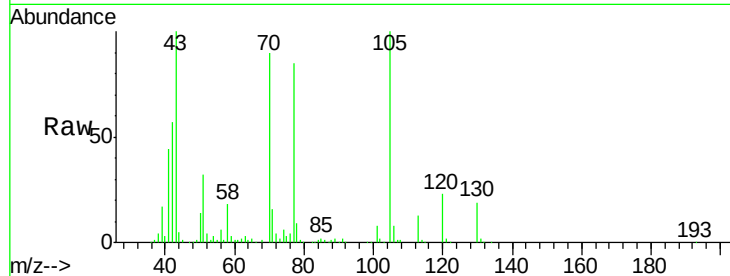
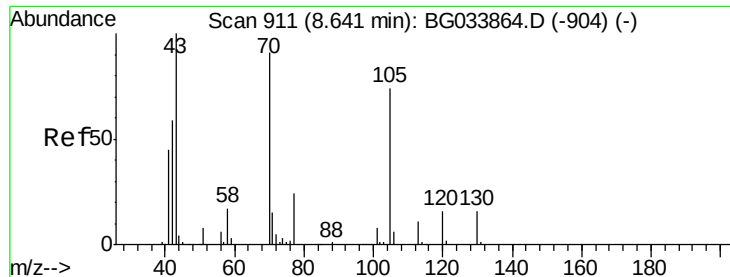
Sohil
4/25/2018 4:25:50 PM



#18
Hexachloroethane
Concen: 39.413 ng
RT: 8.90 min Scan# 955
Delta R.T. -0.01 min
Lab File: BG033976.D
Acq: 25 Apr 2018 6:14

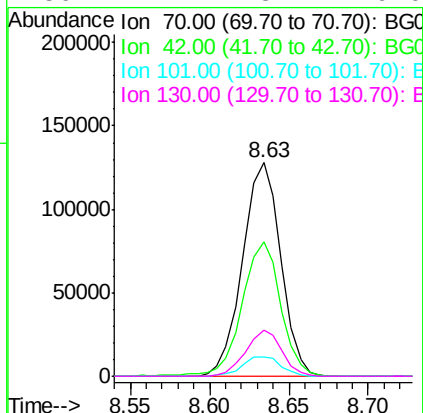
Tgt Ion	117	Resp	101329
Ion Ratio	Lower	Upper	
117	100		
119	87.1	76.7	115.1
201	114.3	95.7	143.5





#19
n-Nitroso-di-n-propylamine
Concen: 31.970 ng
RT: 8.63 min Scan# 910
Delta R.T. -0.01 min
Lab File: BG033976.D
Acq: 25 Apr 2018 6:14

Tot Ion	Ratio	Resp Lower	Upper
70	100		
42	62.8	49.1	73.7
101	9.1	8.5	12.7
130	21.4	13.4	20.0



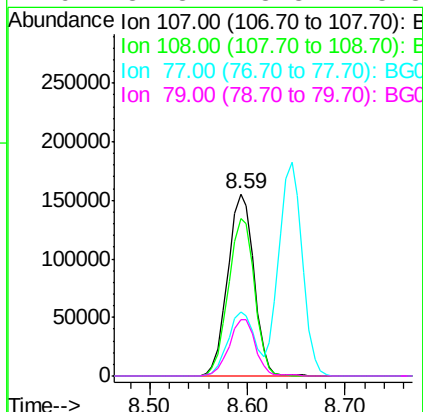
Instrument :
BNA_G
ClientSampleId :
KS-RO-238MS

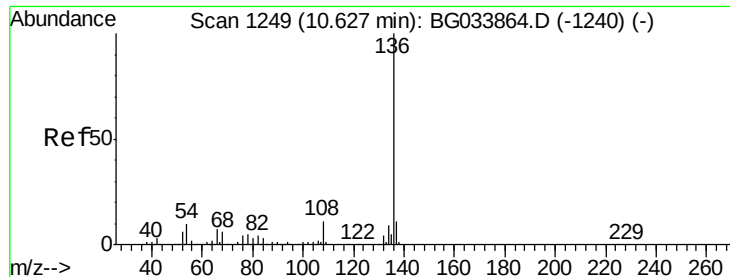
Manual Integrations
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4/25/2018 4:25:50 PM

#20
3+4-Methylphenols
Concen: 33.551 ng
RT: 8.59 min Scan# 903
Delta R.T. -0.01 min
Lab File: BG033976.D
Acq: 25 Apr 2018 6:14

Tgt Ion	Ratio	Resp Lower	Upper
107	100		
108	86.9	61.6	101.6
77	35.3	13.9	53.9
79	31.3	8.8	48.8





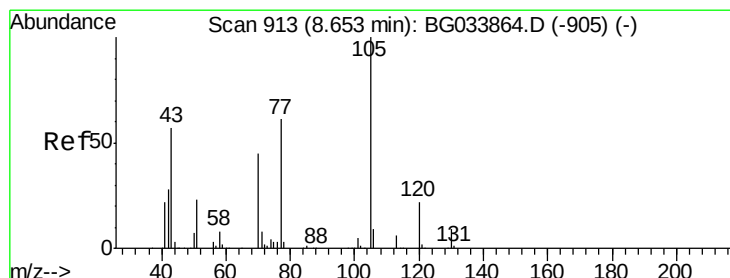
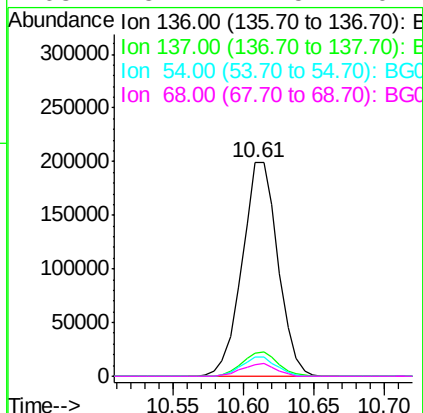
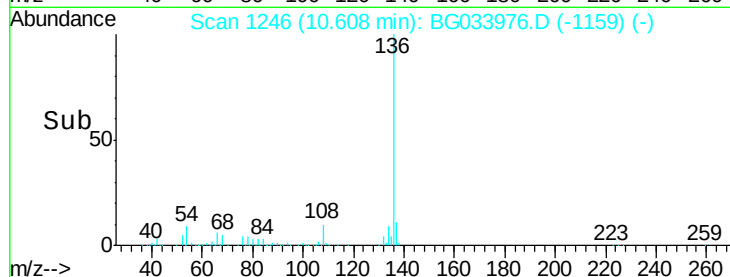
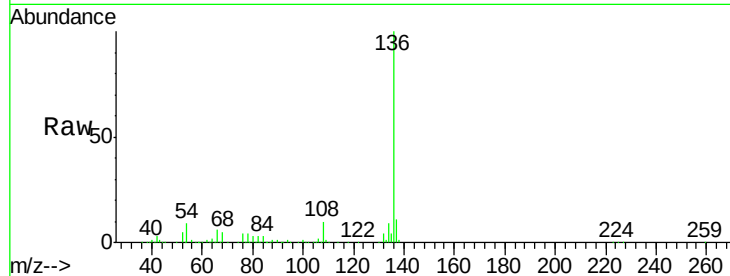
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.61 min Scan# 1246
Delta R.T. -0.02 min
Lab File: BG033976.D
Acq: 25 Apr 2018 6:14

Instrument :
BNA_G
ClientSampleId :
KS-RO-238MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	9.2	13.8	
54	8.7	10.3	15.5	
68	5.4	4.5	6.7	

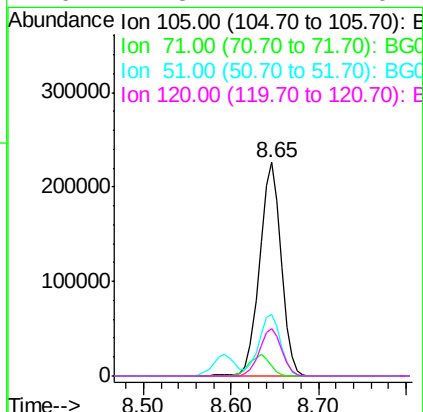
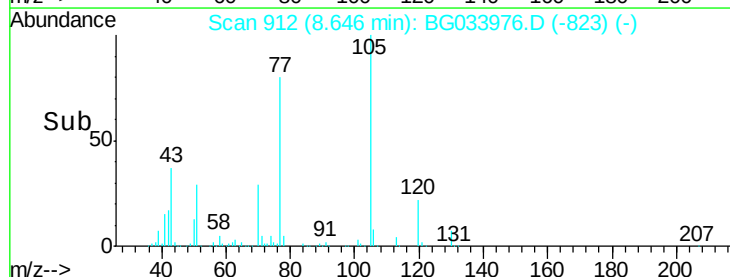
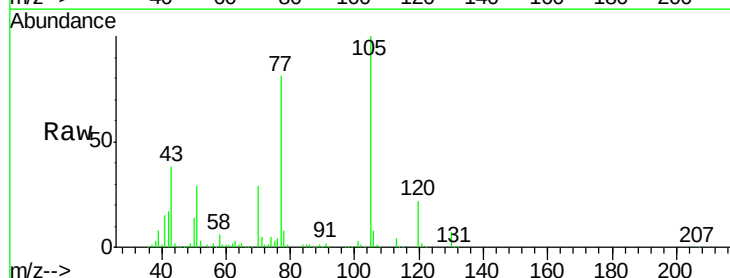
Manual Integrations
APPROVED

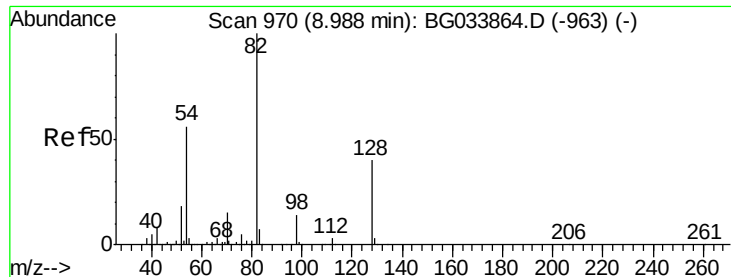
Sohil
4/25/2018 4:25:50 PM



#22
Acetophenone
Concen: 39.751 ng
RT: 8.65 min Scan# 912
Delta R.T. -0.01 min
Lab File: BG033976.D
Acq: 25 Apr 2018 6:14

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	4.6	3.0	4.4	
51	28.8	26.1	39.1	
120	22.3	17.4	26.2	





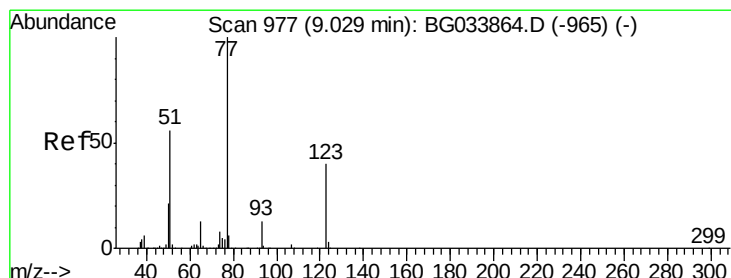
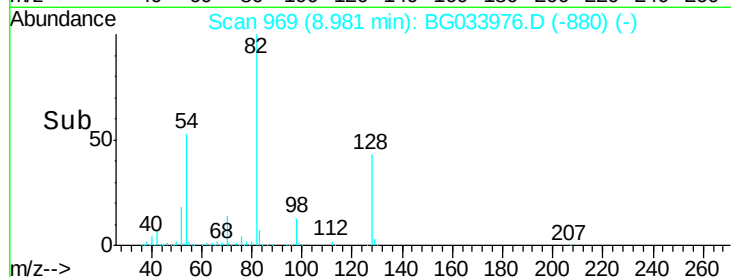
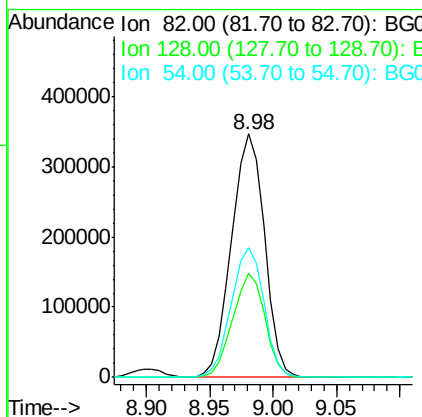
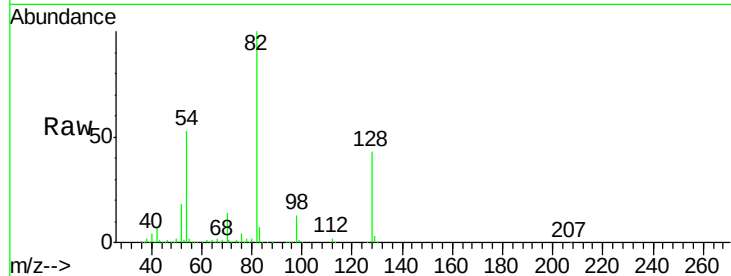
#23
 Nitrobenzene-d5
 Concen: 100.722 ng
 RT: 8.98 min Scan# 969
 Delta R.T. -0.01 min
 Lab File: BG033976.D
 Acq: 25 Apr 2018 6:14

Instrument :
 BNA_G
 ClientSampleId :
 KS-RO-238MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	625525		
128	42.8	29.7	44.5	
54	53.0	43.1	64.7	

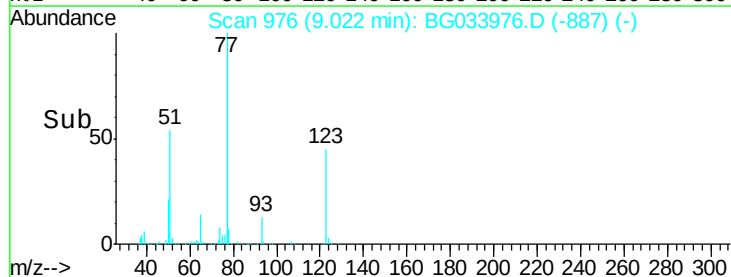
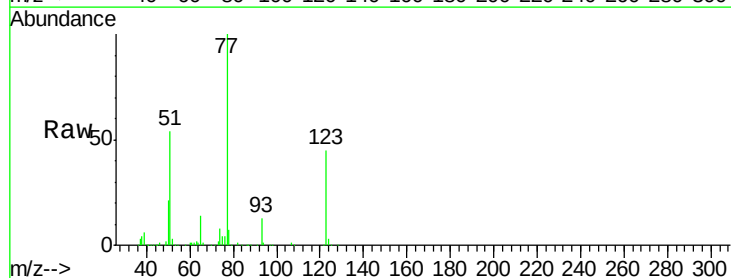
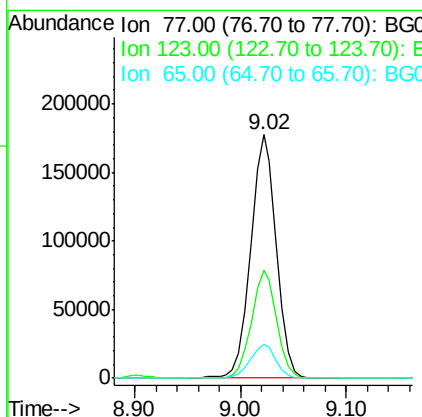
Manual Integrations
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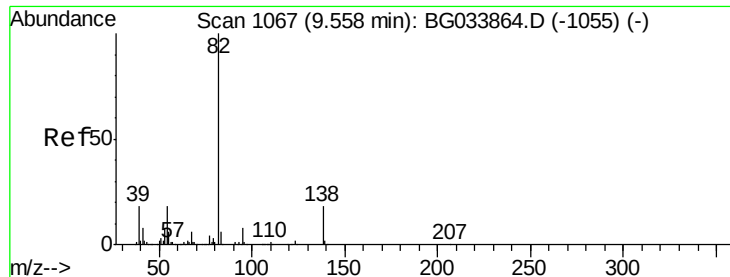
Sohil
 4/25/2018 4:25:50 PM



#24
 Nitrobenzene
 Concen: 44.036 ng
 RT: 9.02 min Scan# 976
 Delta R.T. -0.01 min
 Lab File: BG033976.D
 Acq: 25 Apr 2018 6:14

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	298017		
123	44.6	33.0	49.6	
65	13.9	13.0	19.6	





#25

Isophorone

Concen: 39.842 ng

RT: 9.54 min Scan# 1065

Delta R.T. -0.01 min

Lab File: BG033976.D

Acq: 25 Apr 2018 6:14

Instrument :

BNA_G

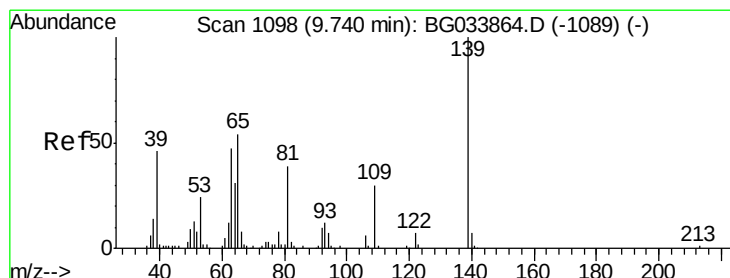
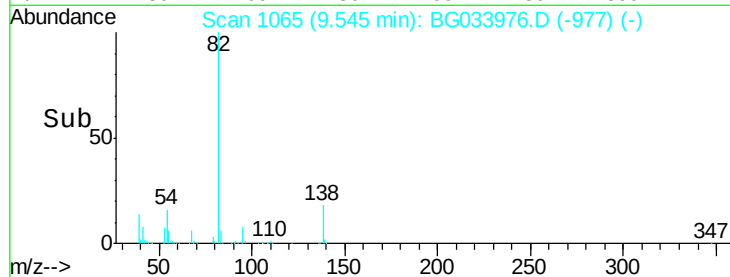
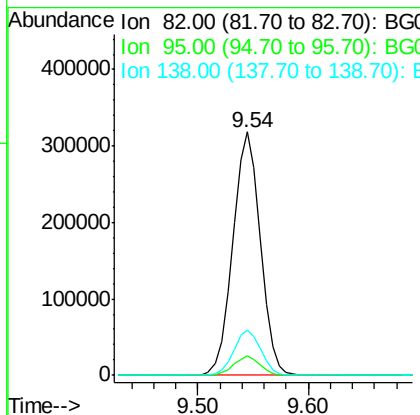
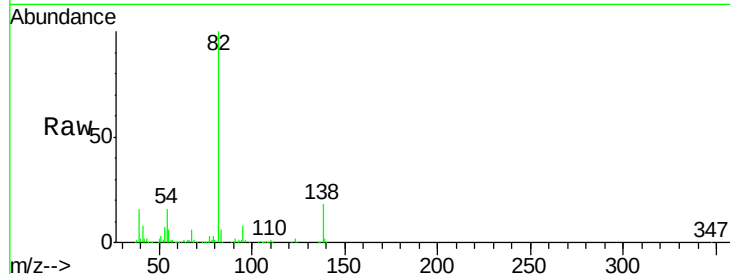
ClientSampleId :

KS-RO-238MS

Tot Ion:	82	Resp:	556305
Ion Ratio	Lower	Upper	
82	100		
95	8.1	6.2	9.2
138	18.4	12.1	18.1#

Manual Integrations
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#26

2-Nitrophenol

Concen: 52.171 ng

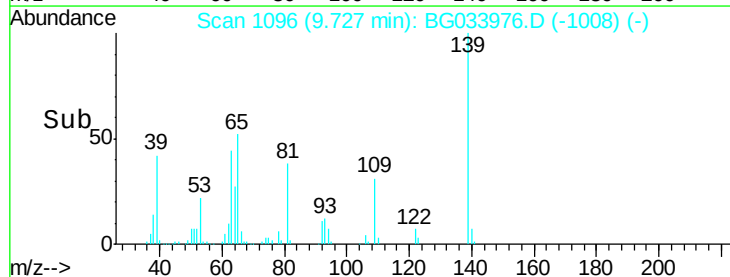
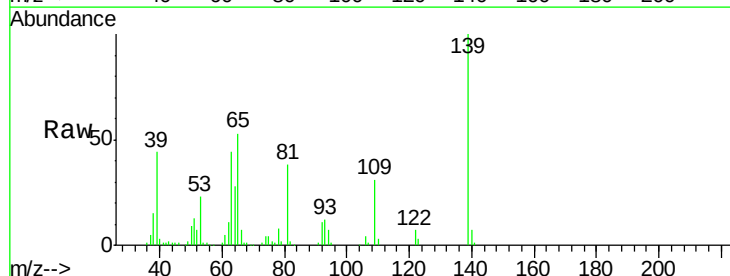
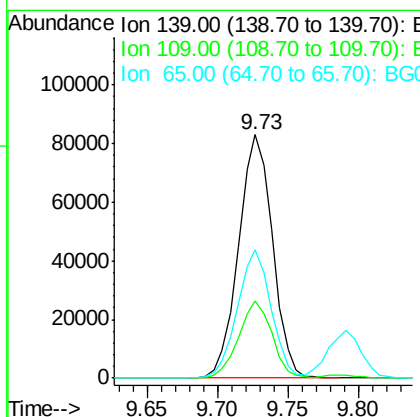
RT: 9.73 min Scan# 1096

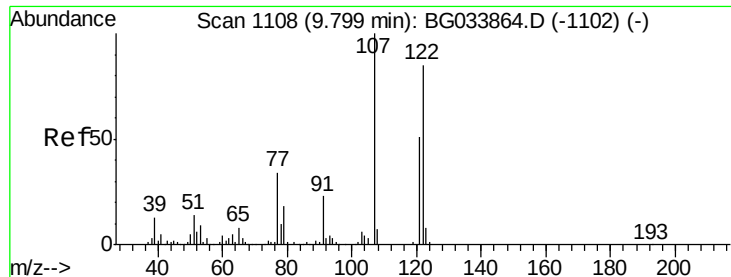
Delta R.T. -0.01 min

Lab File: BG033976.D

Acq: 25 Apr 2018 6:14

Tgt Ion:	139	Resp:	139504
Ion Ratio	Lower	Upper	
139	100		
109	31.5	24.2	36.2
65	52.9	47.4	71.0





#27

2,4-Dimethylphenol

Concen: 48.847 ng

RT: 9.79 min Scan# 1107

Delta R.T. -0.01 min

Lab File: BG033976.D

Acq: 25 Apr 2018 6:14

Instrument :

BNA_G

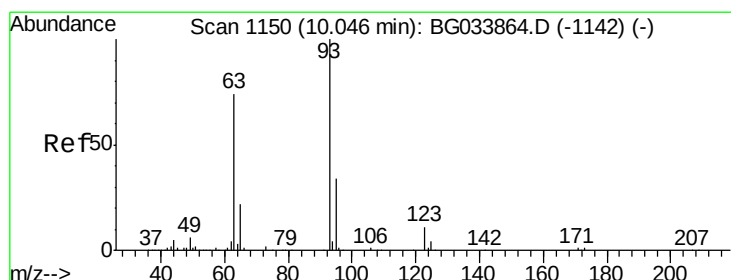
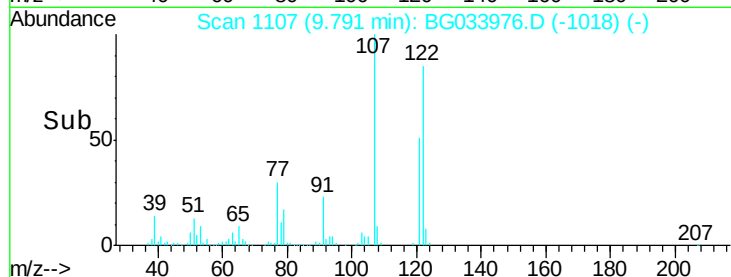
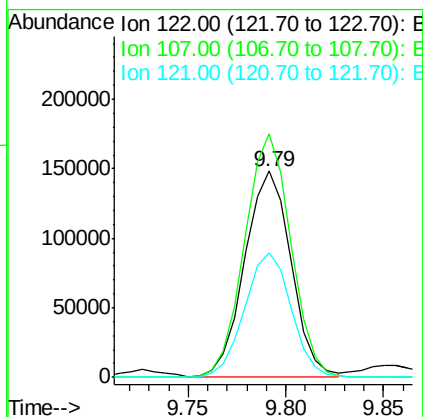
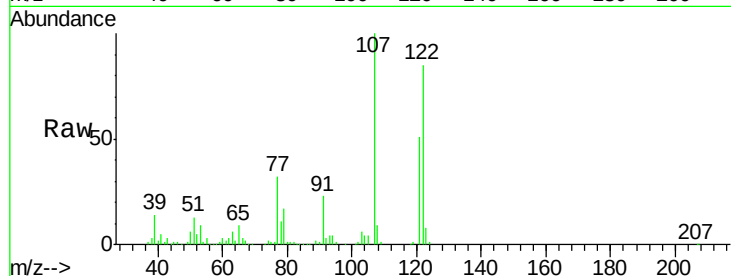
ClientSampleId :

KS-RO-238MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	118.0	100.2	150.2
121	60.4	44.4	66.6

Manual Integrations
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#28

bis(2-Chloroethoxy)methane

Concen: 44.250 ng

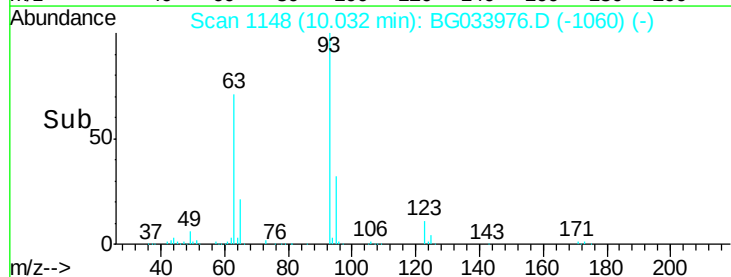
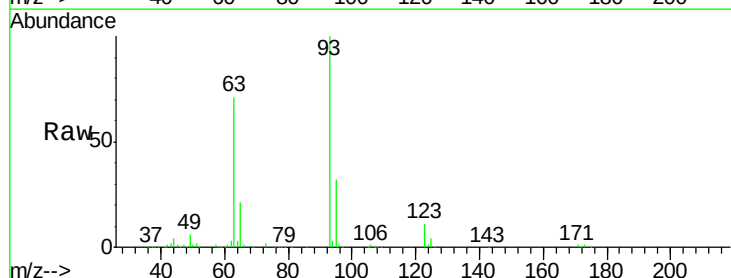
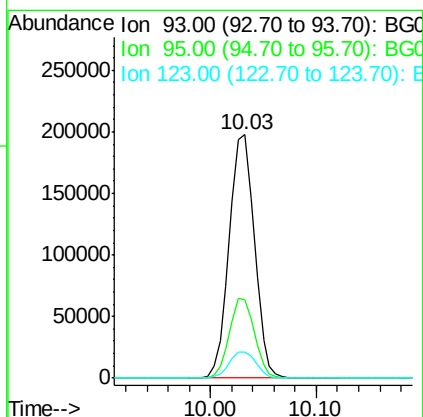
RT: 10.03 min Scan# 1148

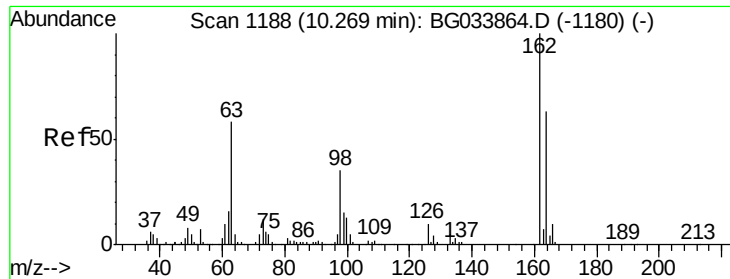
Delta R.T. -0.01 min

Lab File: BG033976.D

Acq: 25 Apr 2018 6:14

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.0	24.3	36.5
123	10.8	8.4	12.6





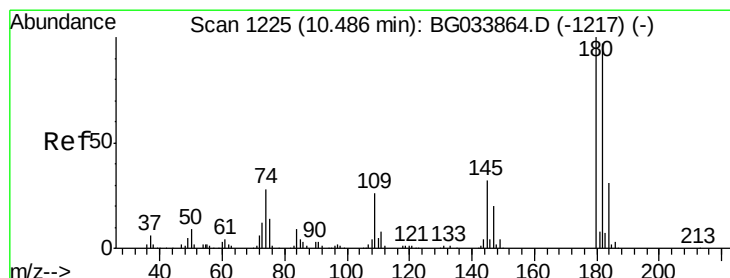
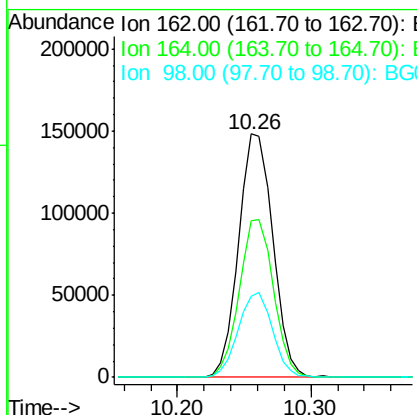
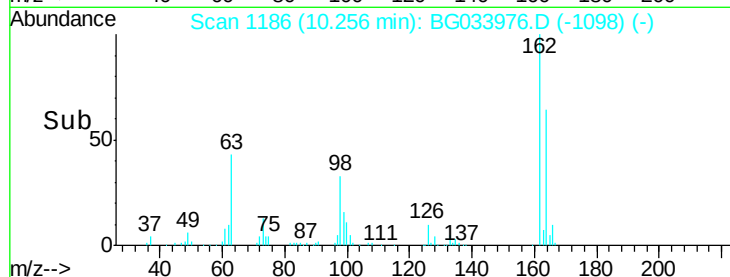
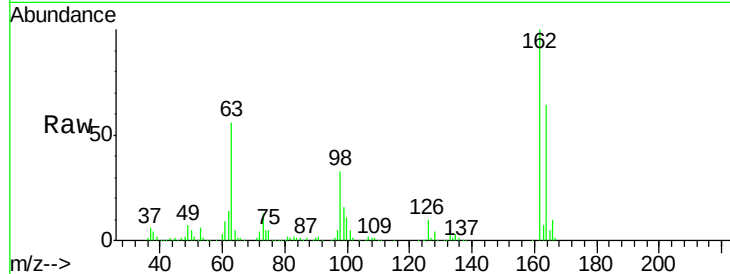
#29
 2,4-Dichlorophenol
 Concen: 47.353 ng
 RT: 10.26 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BG033976.D
 Acq: 25 Apr 2018 6:14

Instrument :
 BNA_G
 ClientSampleId :
 KS-RO-238MS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.2	48.0	88.0
98	33.3	21.1	61.1

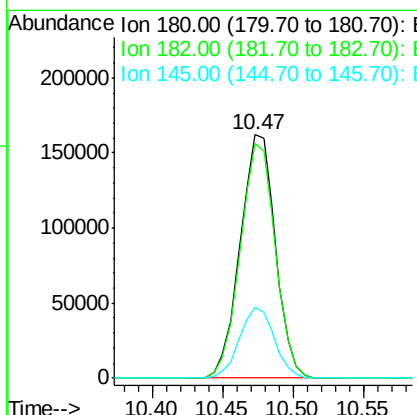
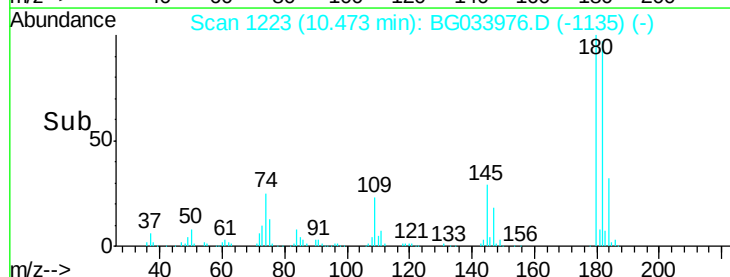
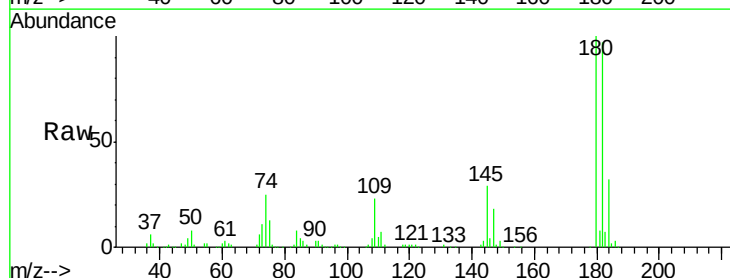
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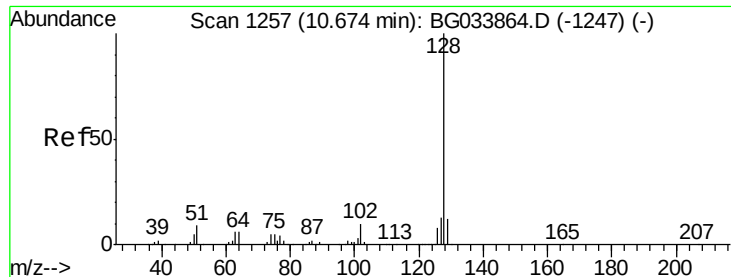
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#30
 1,2,4-Trichlorobenzene
 Concen: 45.206 ng
 RT: 10.47 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BG033976.D
 Acq: 25 Apr 2018 6:14

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	96.6	77.5	116.3
145	29.3	23.4	35.2





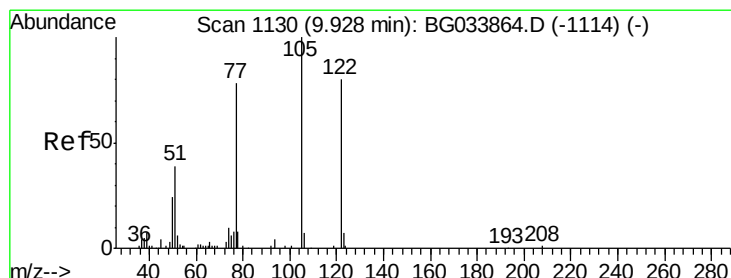
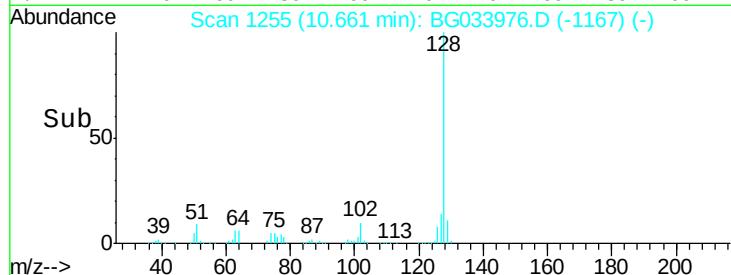
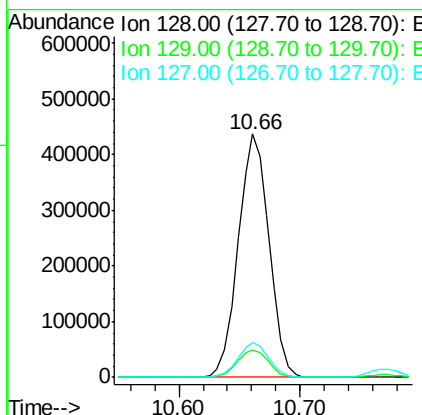
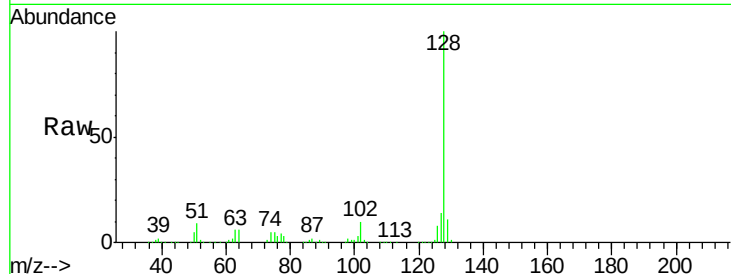
#31
Naphthalene
Concen: 42.576 ng
RT: 10.66 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BG033976.D
Acq: 25 Apr 2018 6:14

Instrument :
BNA_G
ClientSampleId :
KS-RO-238MS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	773812		
129	11.2	8.6	12.8	
127	14.2	11.6	17.4	

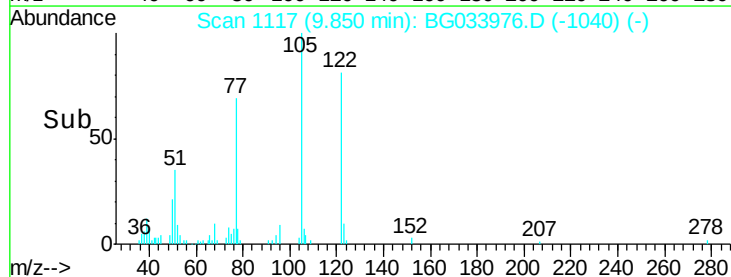
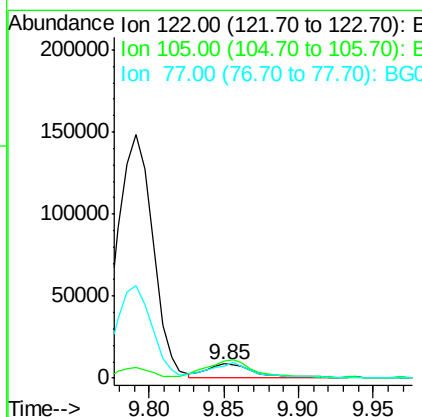
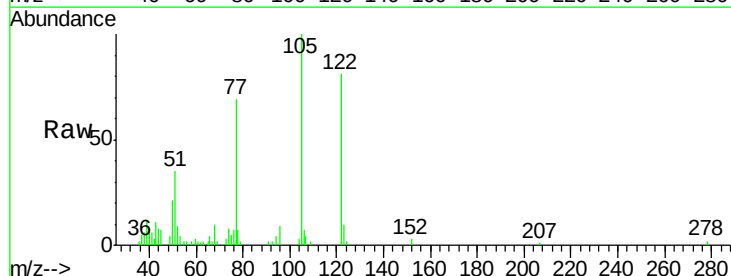
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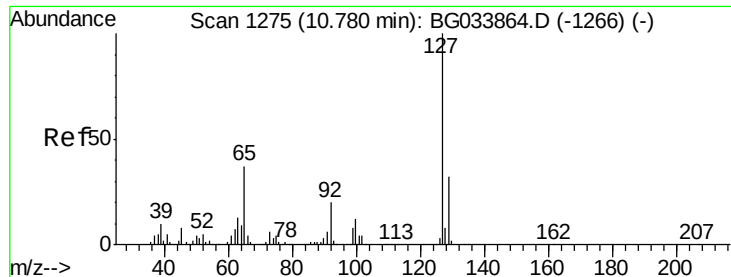
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#32
Benzoic acid
Concen: 8.378 ng
RT: 9.85 min Scan# 1117
Delta R.T. -0.08 min
Lab File: BG033976.D
Acq: 25 Apr 2018 6:14

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	18367		
105	123.8	123.5	163.5	
77	85.2	85.7	125.7#	





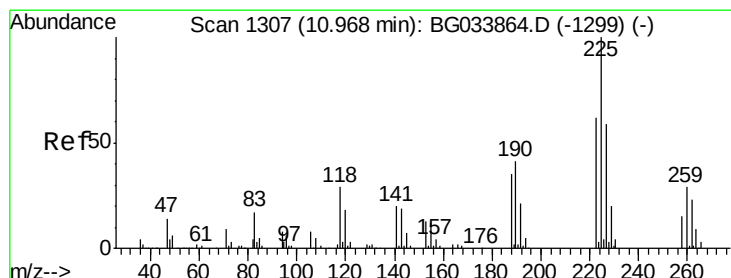
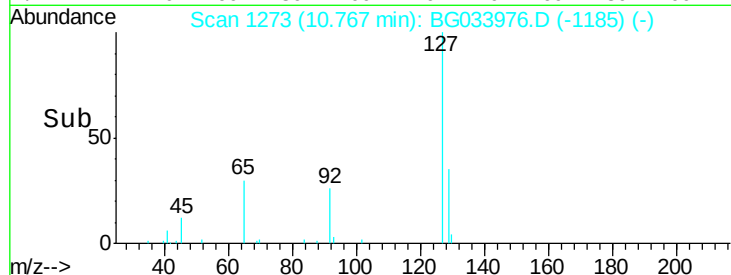
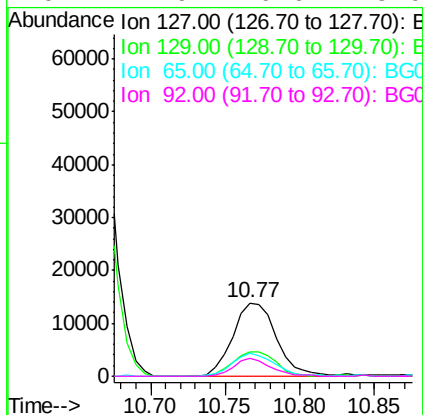
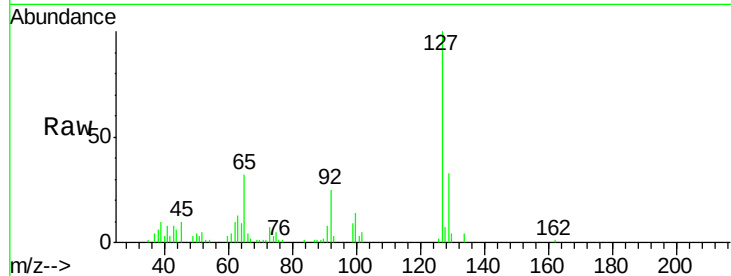
#33
4-Chloroaniline
Concen: 3.302 ng
RT: 10.77 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BG033976.D
Acq: 25 Apr 2018 6:14

Instrument :
BNA_G
ClientSampleId :
KS-RO-238MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		28208		
129	33.1	24.0	36.0		
65	31.9	27.0	40.4		
92	24.9	16.6	25.0		

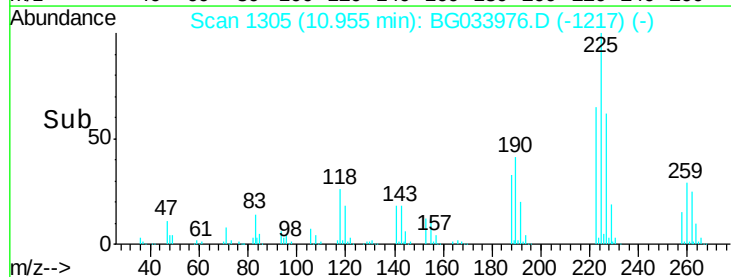
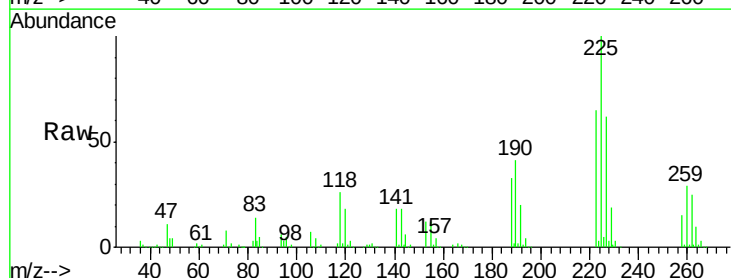
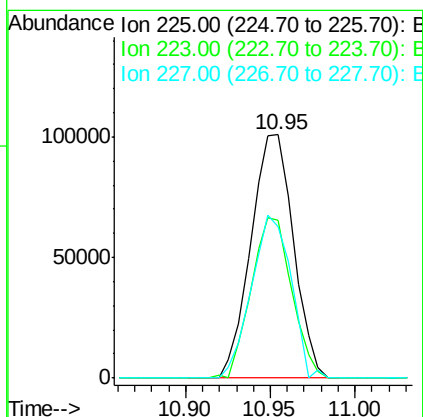
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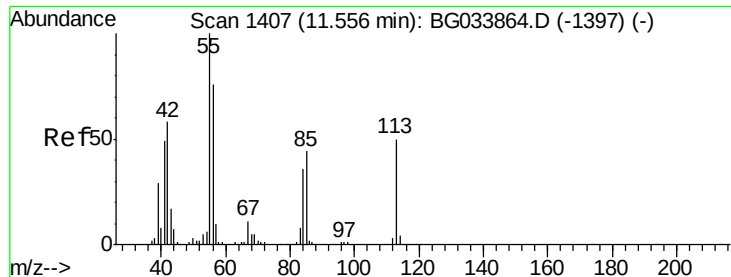
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#34
Hexachlorobutadiene
Concen: 47.102 ng
RT: 10.95 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BG033976.D
Acq: 25 Apr 2018 6:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		175965		
223	65.0	49.7	74.5		
227	62.7	48.1	72.1		





#35

Caprolactam

Concen: 30.576 ng/mL

RT: 11.54 min Scan# 1405

Delta R.T. -0.01 min

Lab File: BG033976.D

Acq: 25 Apr 2018 6:14

Instrument :

BNA_G

ClientSampleID :

KS-RO-238MS

Tot Ion:113 Resp: 72480

Ion Ratio Lower Upper

113 100

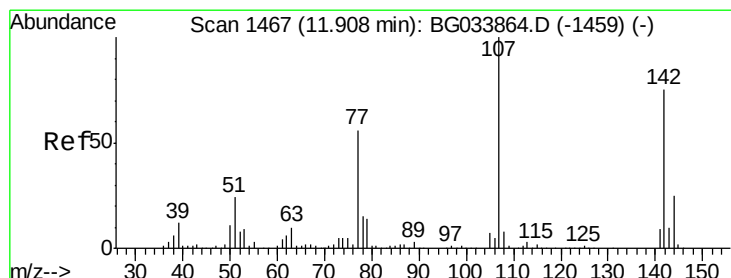
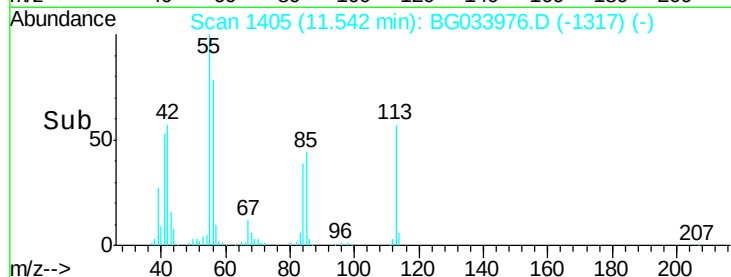
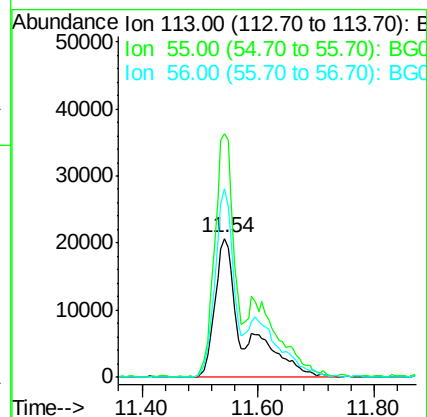
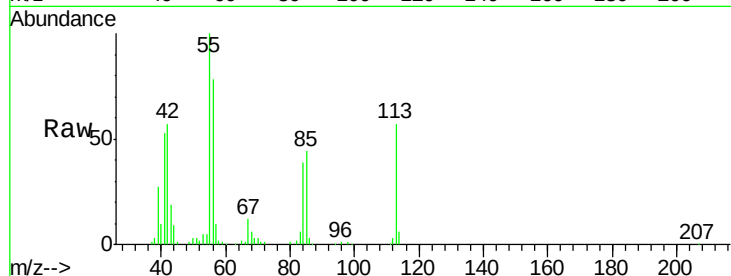
55 175.2 186.9 226.9#

56 136.1 130.9 170.9

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#36

4-Chloro-3-methylphenol

Concen: 39.249 ng/mL

RT: 11.89 min Scan# 1465

Delta R.T. -0.01 min

Lab File: BG033976.D

Acq: 25 Apr 2018 6:14

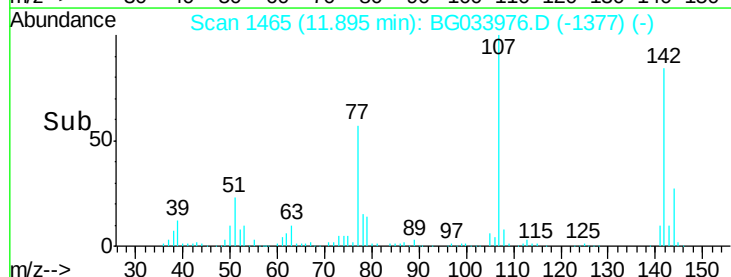
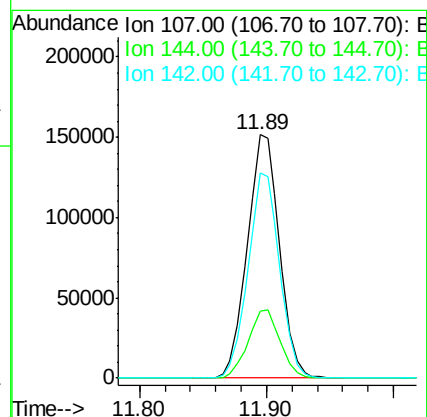
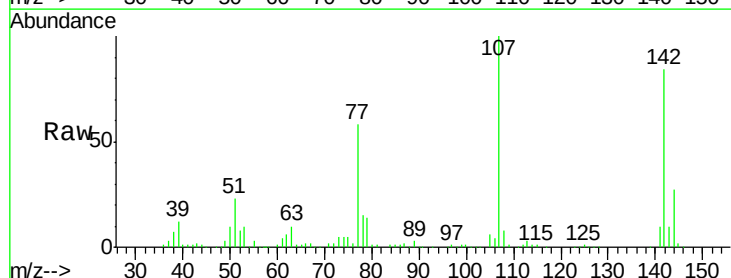
Tgt Ion:107 Resp: 267095

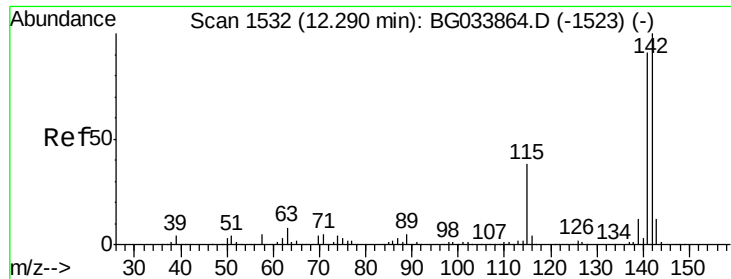
Ion Ratio Lower Upper

107 100

144 27.3 18.2 27.4

142 84.5 59.0 88.4





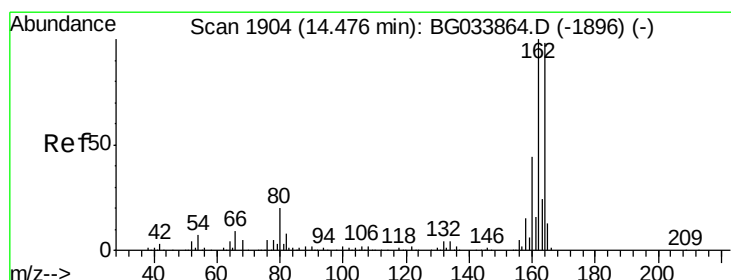
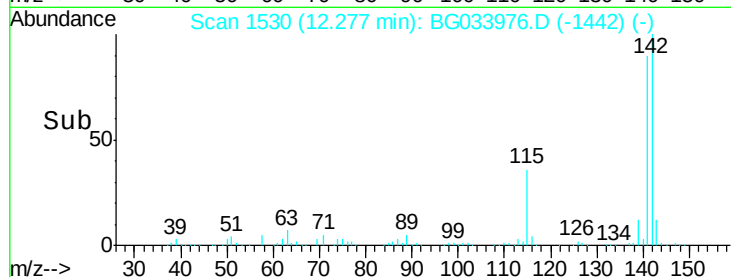
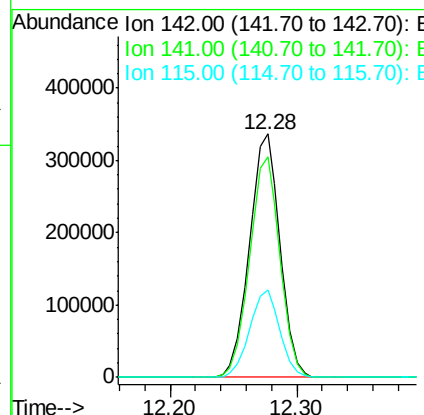
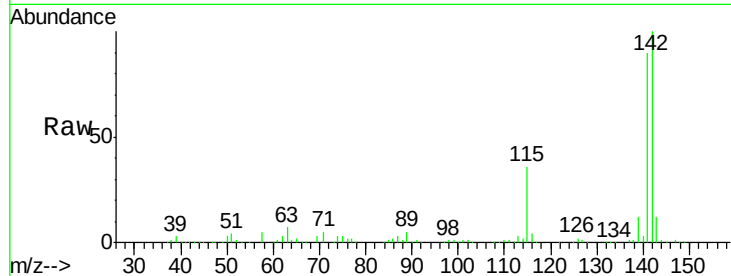
#37
2-Methylnaphthalene
Concen: 40.384 ng
RT: 12.28 min Scan# 1530
Delta R.T. -0.01 min
Lab File: BG033976.D
Acq: 25 Apr 2018 6:14

Instrument :
BNA_G
ClientSampleId :
KS-RO-238MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.4	67.1	100.7
115	36.1	30.7	46.1

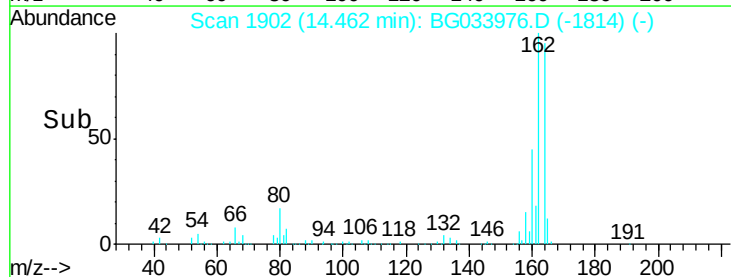
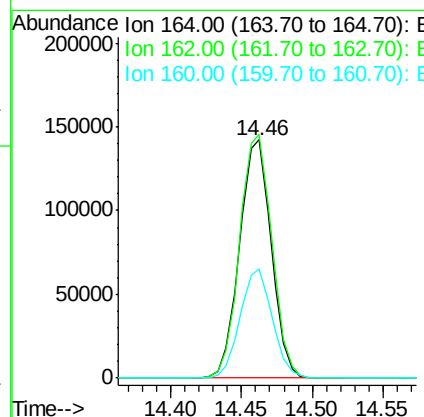
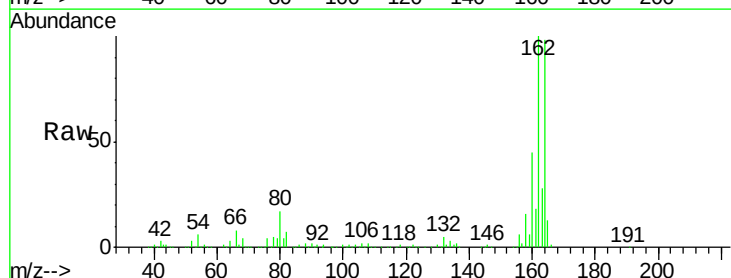
Manual Integrations
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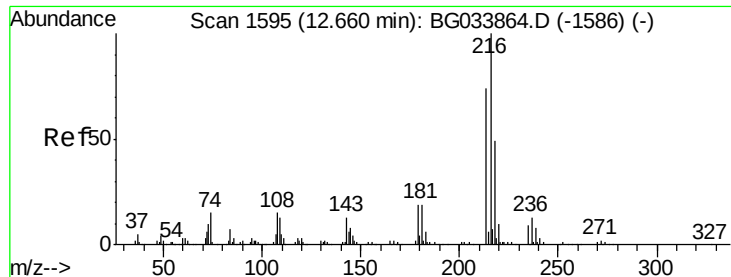
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.46 min Scan# 1902
Delta R.T. -0.01 min
Lab File: BG033976.D
Acq: 25 Apr 2018 6:14

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.1	78.8	118.2
160	45.7	35.4	53.0





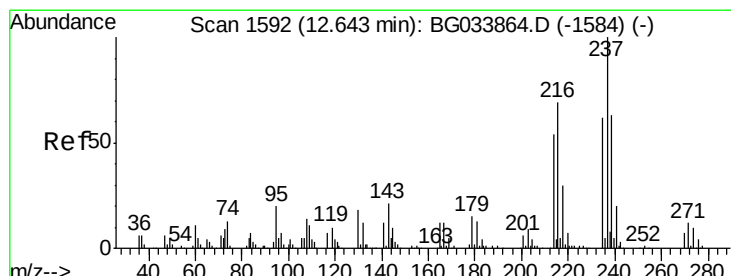
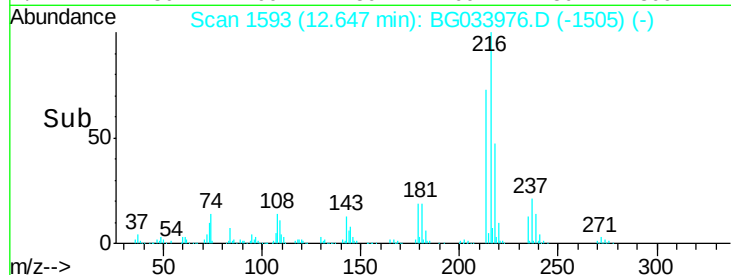
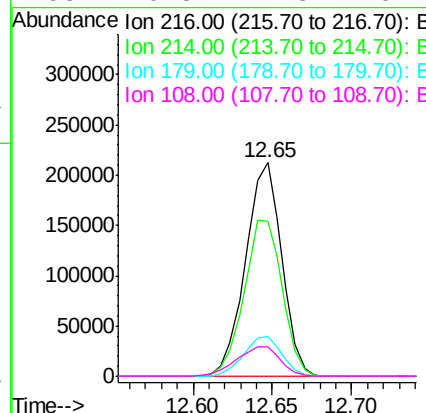
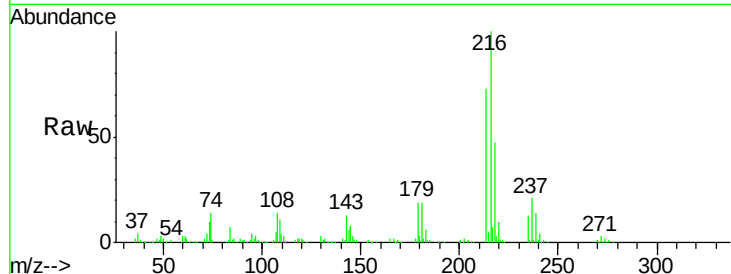
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.605 ng
 RT: 12.65 min Scan# 1593
 Delta R.T. -0.01 min
 Lab File: BG033976.D
 Acq: 25 Apr 2018 6:14

Instrument :
 BNA_G
 ClientSampleId :
 KS-RO-238MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	76.7		63.0	94.4	
179	19.5		17.0	25.6	
108	16.8		12.8	19.2	

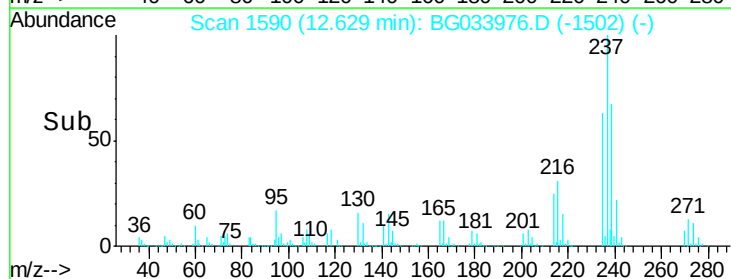
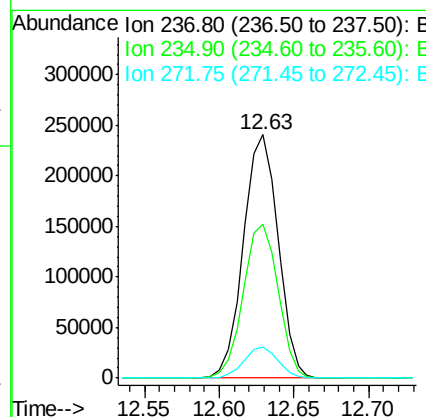
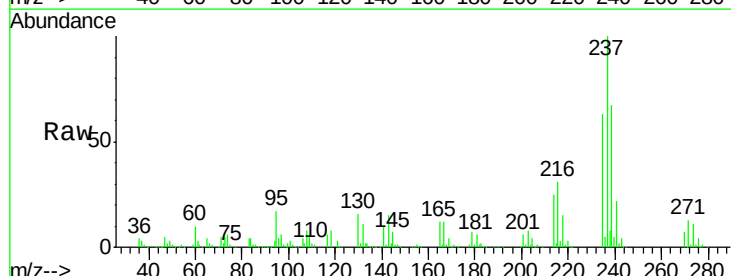
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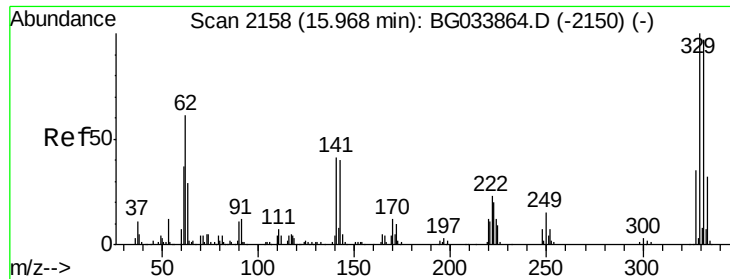
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#40
 Hexachlorocyclopentadiene
 Concen: 95.323 ng
 RT: 12.63 min Scan# 1590
 Delta R.T. -0.01 min
 Lab File: BG033976.D
 Acq: 25 Apr 2018 6:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	63.3		50.4	90.4	
272	12.9		0.0	31.8	





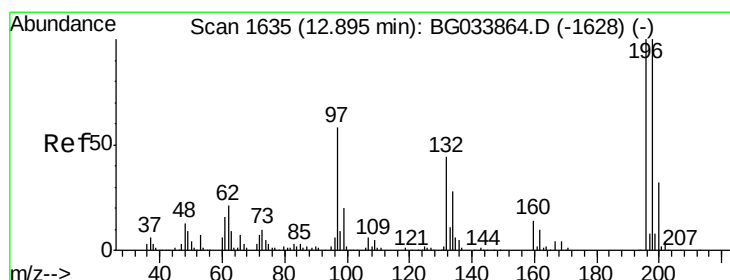
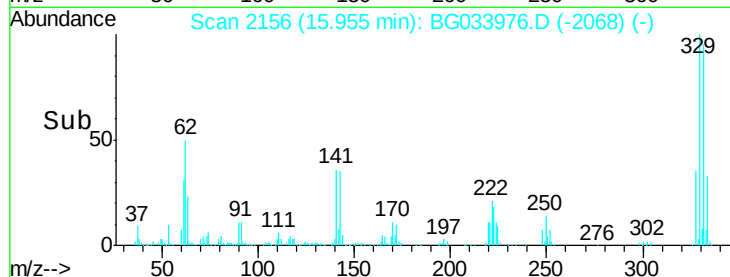
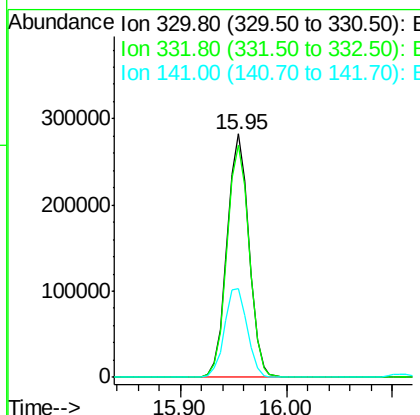
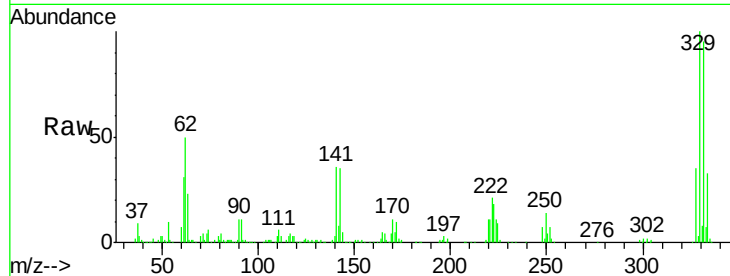
#41
 2,4,6-Tribromophenol
 Concen: 155.520 ng
 RT: 15.95 min Scan# 2156
 Delta R.T. -0.01 min
 Lab File: BG033976.D
 Acq: 25 Apr 2018 6:14

Instrument :
 BNA_G
 ClientSampleId :
 KS-RO-238MS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.8	77.0	115.6	
141	37.9	25.2	37.8#	

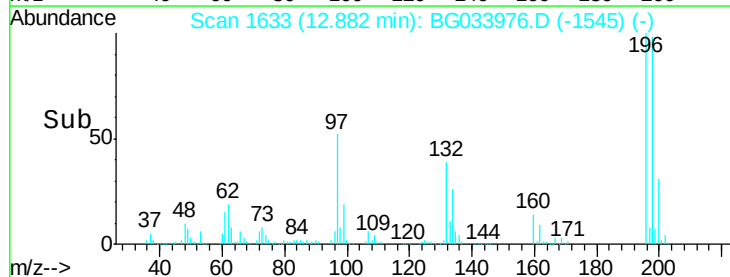
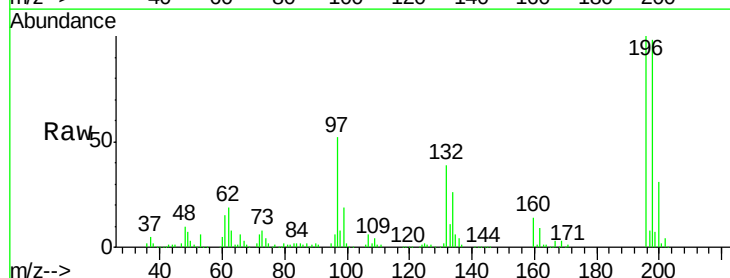
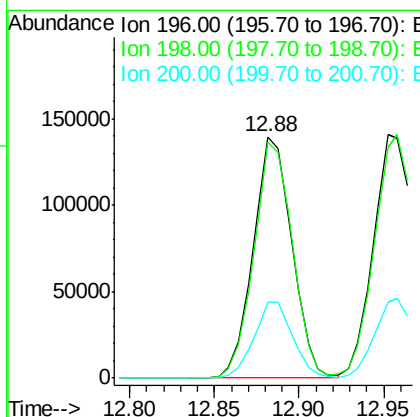
Manual Integrations
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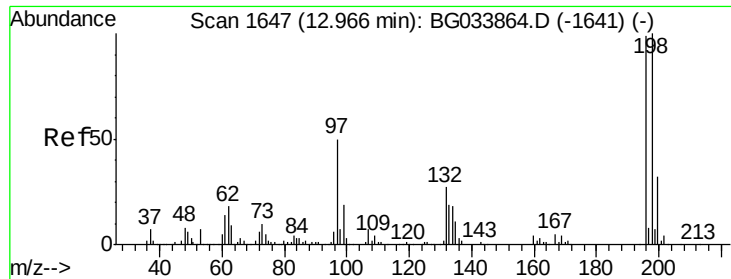
Sohil
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#42
 2,4,6-Trichlorophenol
 Concen: 49.160 ng
 RT: 12.88 min Scan# 1633
 Delta R.T. -0.01 min
 Lab File: BG033976.D
 Acq: 25 Apr 2018 6:14

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	104.6	78.2	117.2	
200	33.3	24.6	36.8	





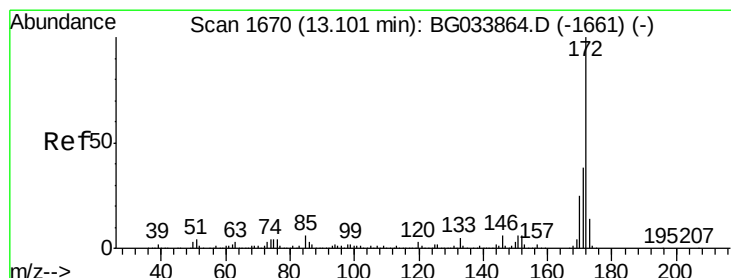
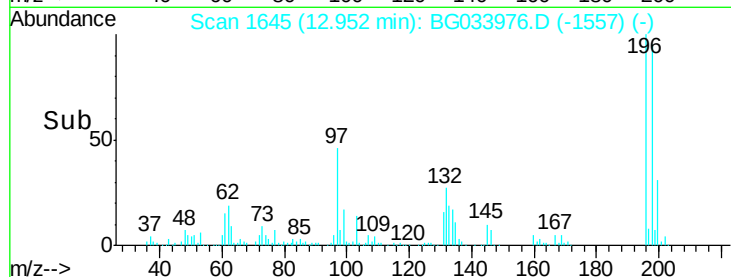
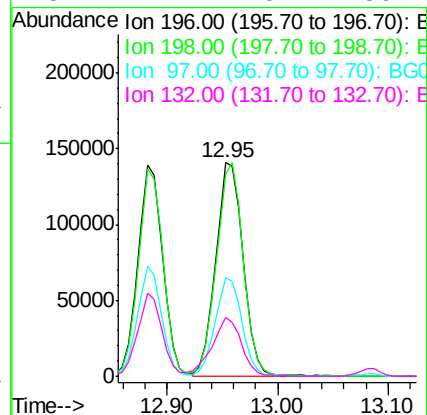
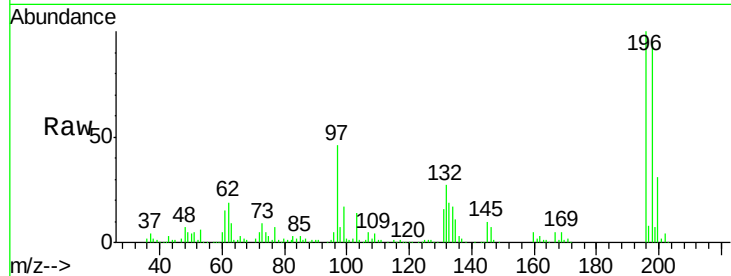
#43
 2,4,5-Trichlorophenol
 Concen: 46.354 ng
 RT: 12.95 min Scan# 1645
 Delta R.T. -0.01 min
 Lab File: BG033976.D
 Acq: 25 Apr 2018 6:14

Instrument :
 BNA_G
 ClientSampleId :
 KS-RO-238MS

Tot Ion	196	Resp	239886
Ion Ratio	Lower	Upper	
196	100		
198	101.6	76.2	114.4
97	46.3	38.7	58.1
132	27.4	20.2	30.2

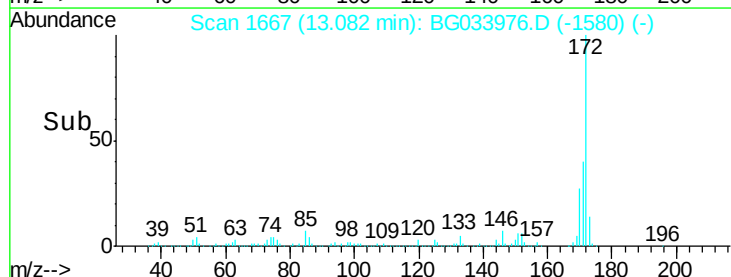
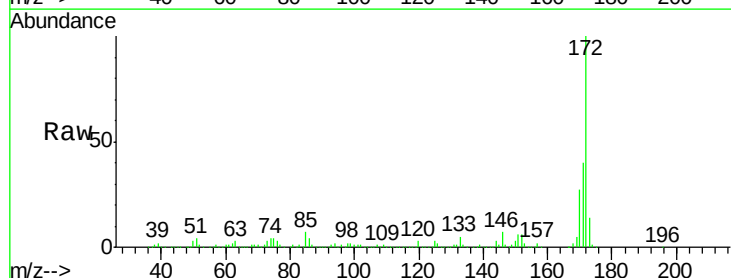
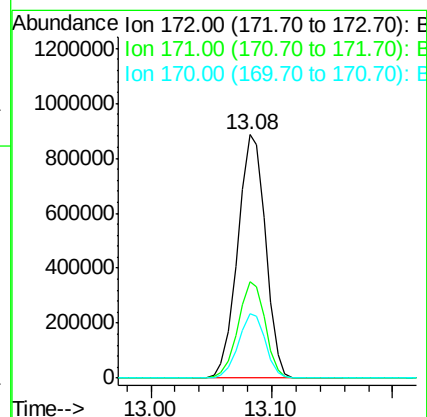
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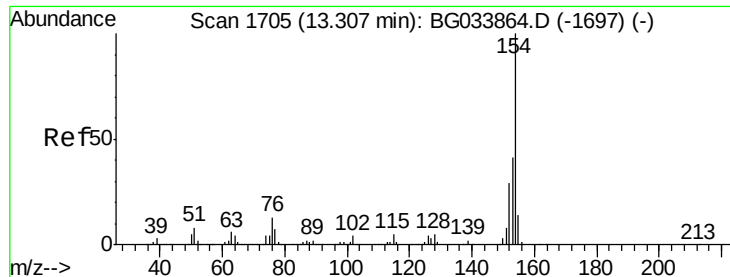
Sohil
 4/25/2018 4:25:50 PM



#44
 2-Fluorobiphenyl
 Concen: 93.972 ng
 RT: 13.08 min Scan# 1667
 Delta R.T. -0.02 min
 Lab File: BG033976.D
 Acq: 25 Apr 2018 6:14

Tgt Ion	172	Resp	1422289
Ion Ratio	Lower	Upper	
172	100		
171	39.7	30.0	45.0
170	26.5	19.5	29.3





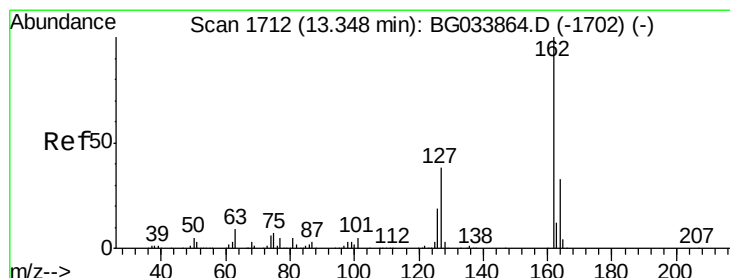
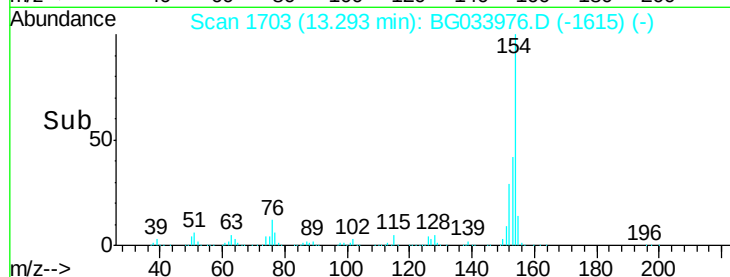
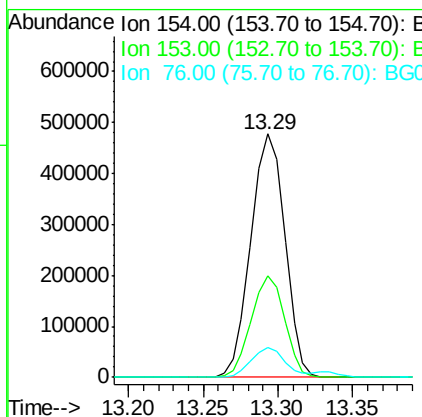
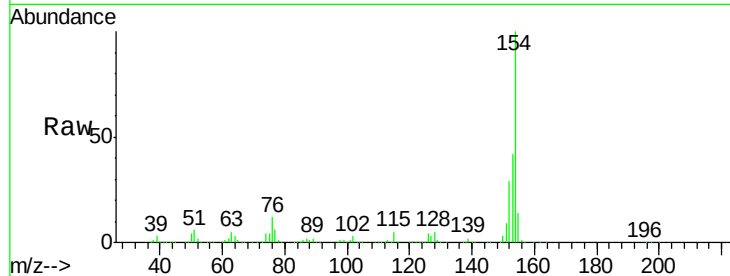
#45
 1,1'-Biphenyl
 Concen: 41.831 ng
 RT: 13.29 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG033976.D
 Acq: 25 Apr 2018 6:14

Instrument :
 BNA_G
 ClientSampleId :
 KS-RO-238MS

Tot Ion:	154	Resp:	752891
Ion Ratio	Lower	Upper	
154	100		
153	41.5	19.8	59.8
76	12.4	0.0	31.9

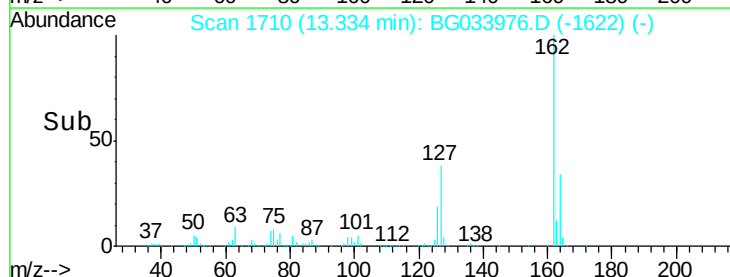
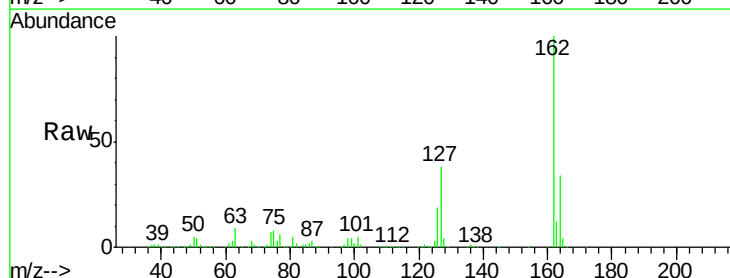
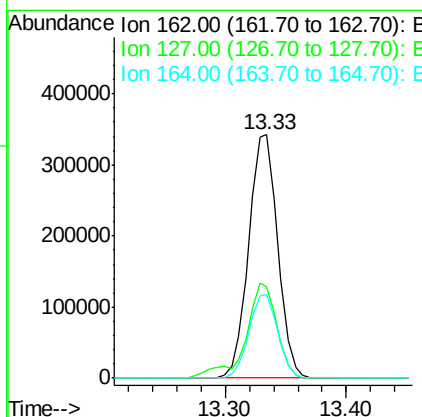
Manual Integrations
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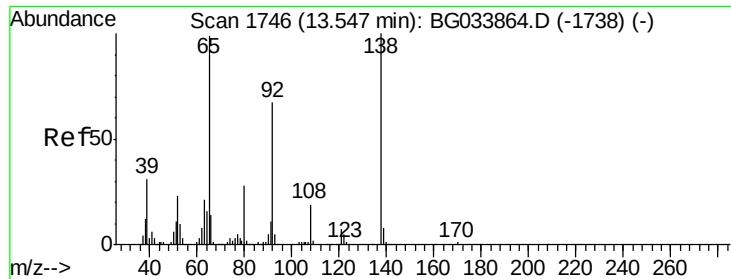
Sohil
 4/25/2018 4:25:50 PM



#46
 2-Chloronaphthalene
 Concen: 41.857 ng
 RT: 13.33 min Scan# 1710
 Delta R.T. -0.01 min
 Lab File: BG033976.D
 Acq: 25 Apr 2018 6:14

Tgt Ion:	162	Resp:	571220
Ion Ratio	Lower	Upper	
162	100		
127	37.7	30.7	46.1
164	34.4	26.0	39.0





#47

2-Nitroaniline

Concen: 43.551 ng

RT: 13.53 min Scan# 1744

Delta R.T. -0.01 min

Lab File: BG033976.D

Acq: 25 Apr 2018 6:14

Instrument :

BNA_G

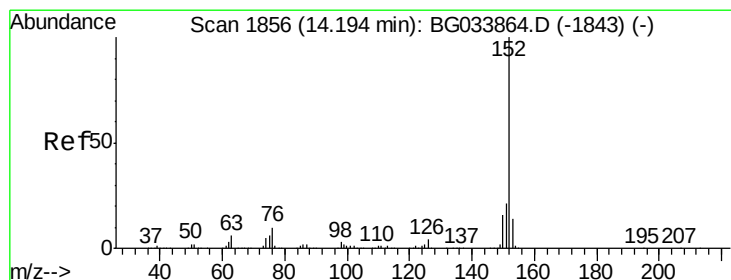
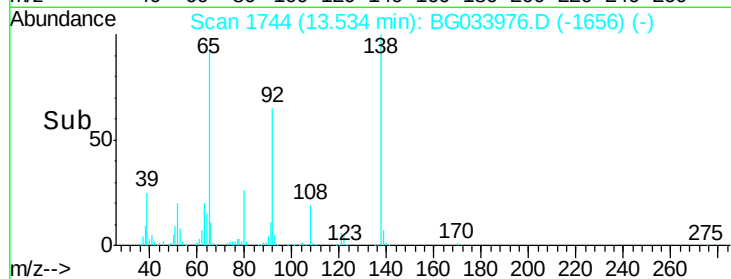
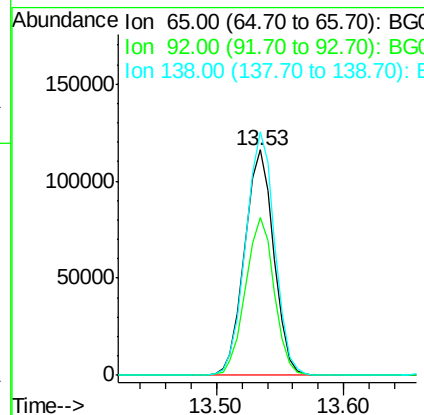
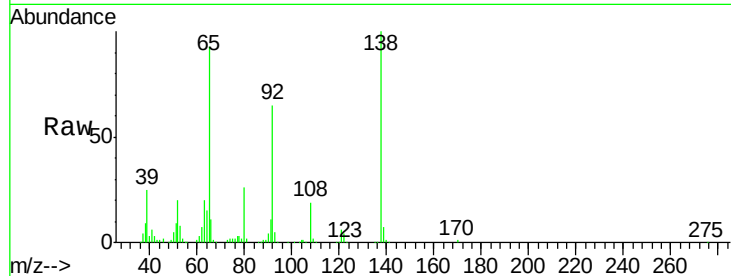
ClientSampleId :

KS-RO-238MS

Tot Ion:	65	Resp:	185574
Ion Ratio	Lower	Upper	
65	100		
92	69.8	54.6	82.0
138	108.0	72.9	109.3

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4/25/2018 4:25:50 PM



#48

Acenaphthylene

Concen: 39.448 ng

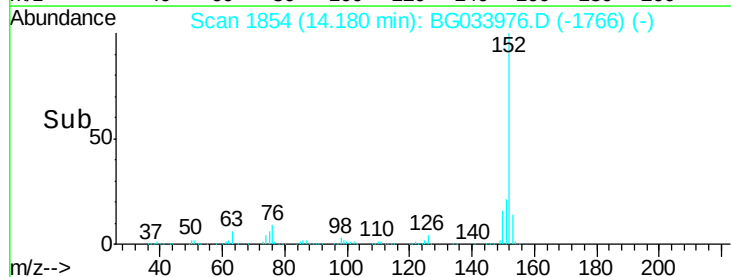
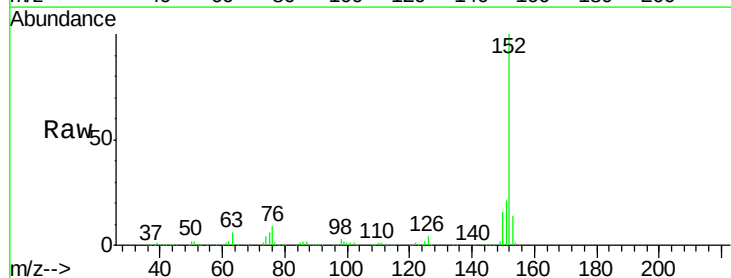
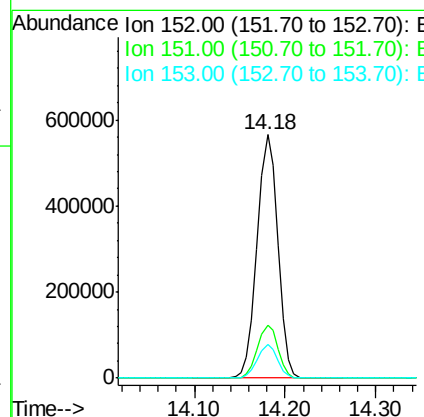
RT: 14.18 min Scan# 1854

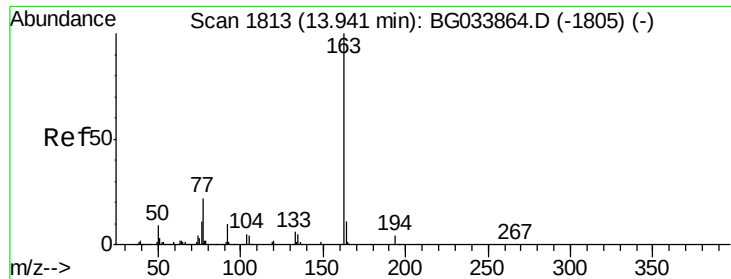
Delta R.T. -0.01 min

Lab File: BG033976.D

Acq: 25 Apr 2018 6:14

Tgt Ion:	152	Resp:	894856
Ion Ratio	Lower	Upper	
152	100		
151	21.5	17.2	25.8
153	13.6	10.2	15.4





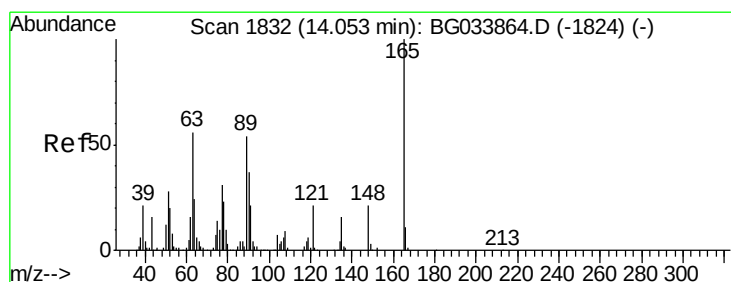
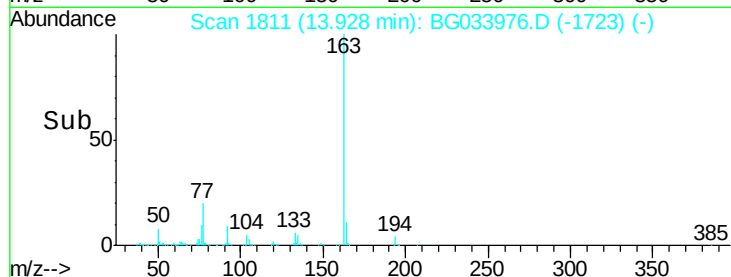
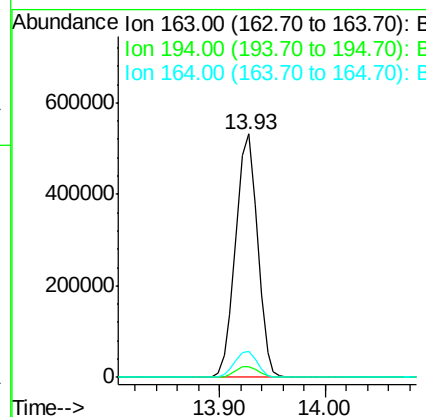
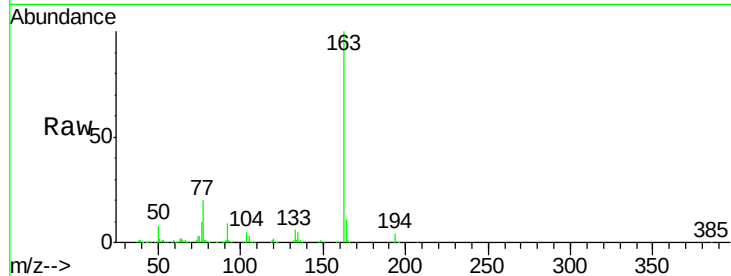
#49
Dimethylphthalate
Concen: 38.786 ng
RT: 13.93 min Scan# 1811
Delta R.T. -0.01 min
Lab File: BG033976.D
Acq: 25 Apr 2018 6:14

Instrument :
BNA_G
ClientSampleId :
KS-RO-238MS

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.5	3.4	5.2	
164	10.8	8.2	12.4	

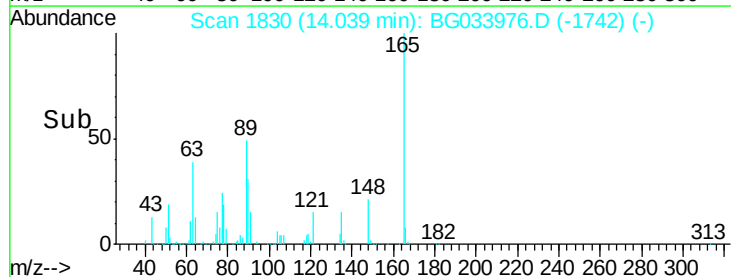
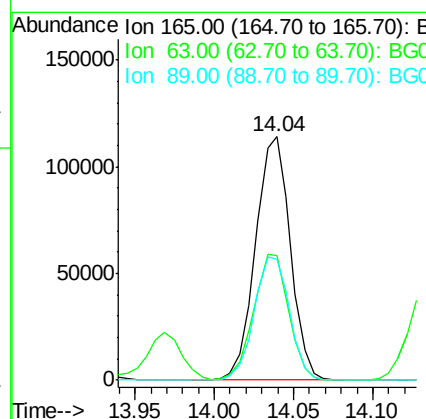
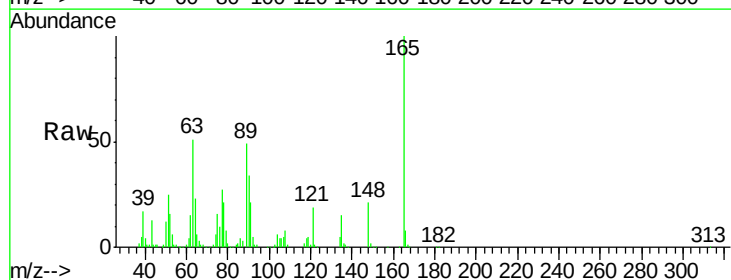
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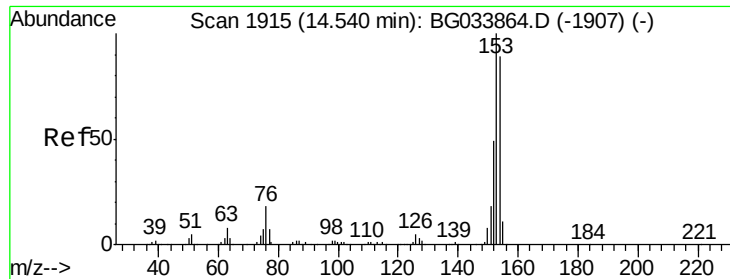
Sohil
4/25/2018 4:25:50 PM



#50
2,6-Dinitrotoluene
Concen: 46.829 ng
RT: 14.04 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BG033976.D
Acq: 25 Apr 2018 6:14

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	51.1	52.7	79.1#	
89	49.5	49.2	73.8	





#51

Acenaphthene

Concen: 38.904 ng

RT: 14.53 min Scan# 1913

Delta R.T. -0.01 min

Lab File: BG033976.D

Acq: 25 Apr 2018 6:14

Instrument :

BNA_G

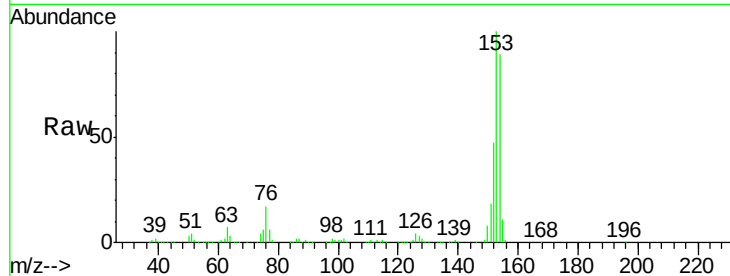
ClientSampled :

KS-RO-238MS

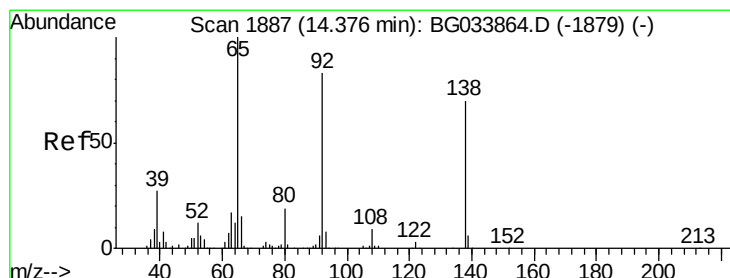
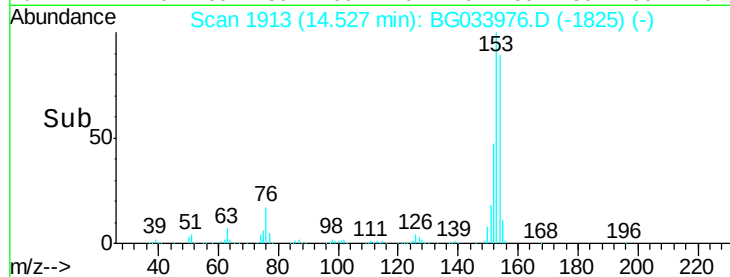
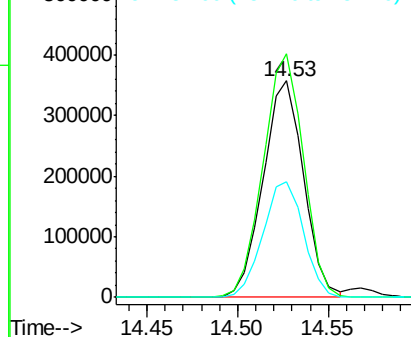
Tot Ion:	154	Resp:	554394
Ion Ratio	Lower	Upper	
154	100		
153	112.5	90.4	135.6
152	53.4	41.6	62.4

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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: 8.128 ng

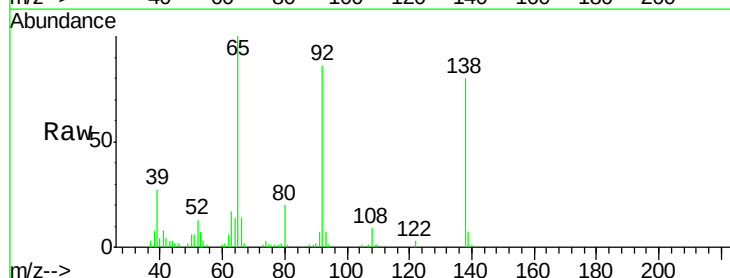
RT: 14.36 min Scan# 1884

Delta R.T. -0.02 min

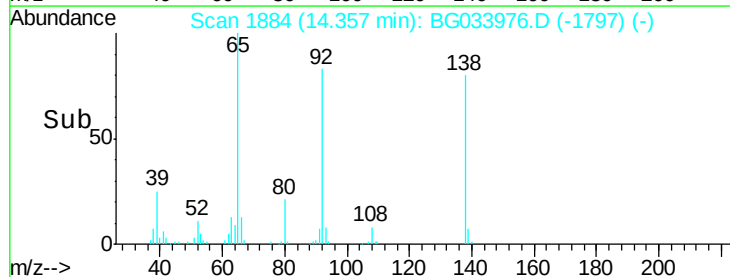
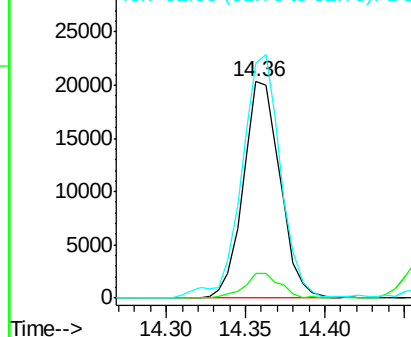
Lab File: BG033976.D

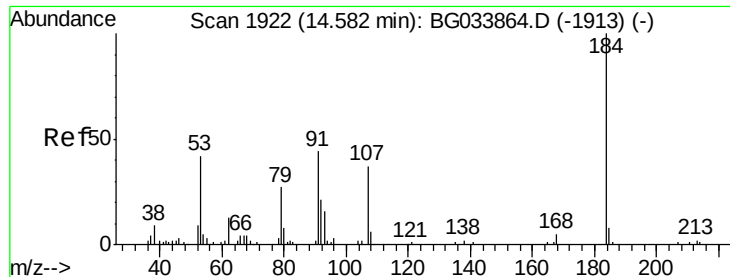
Acq: 25 Apr 2018 6:14

Tgt Ion:	138	Resp:	32711
Ion Ratio	Lower	Upper	
138	100		
108	11.7	17.5	26.3#
92	108.5	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): BG





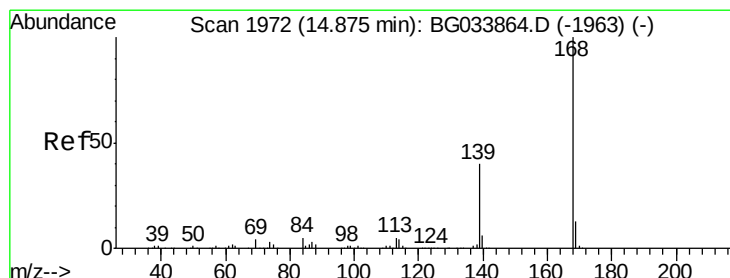
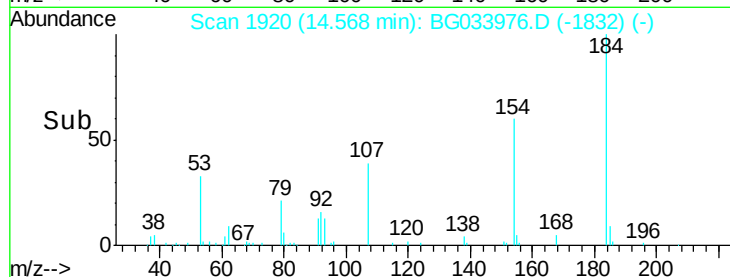
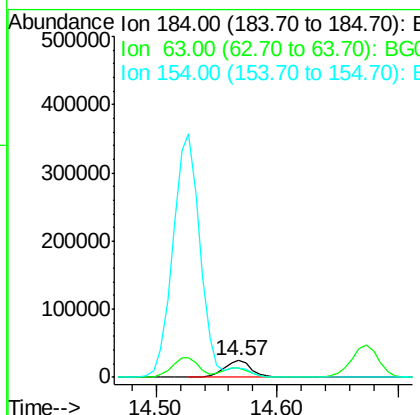
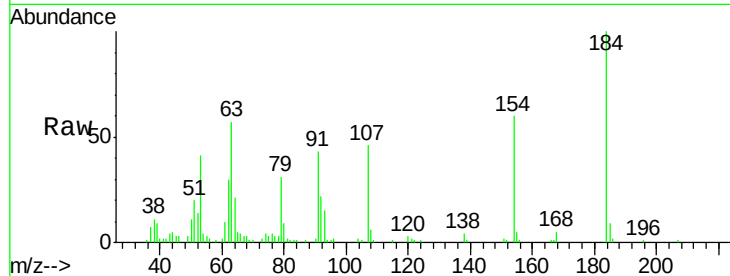
#53
2,4-Dinitrophenol
Concen: 29.406 ng
RT: 14.57 min Scan# 1920
Delta R.T. -0.01 min
Lab File: BG033976.D
Acq: 25 Apr 2018 6:14

Instrument :
BNA_G
ClientSampleId :
KS-RO-238MS

Tot Ion	Ratio	Lower	Upper
184	100		
63	56.7	59.8	89.8#
154	60.1	101.8	152.8#

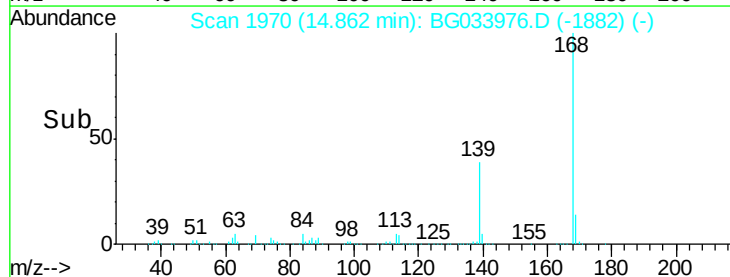
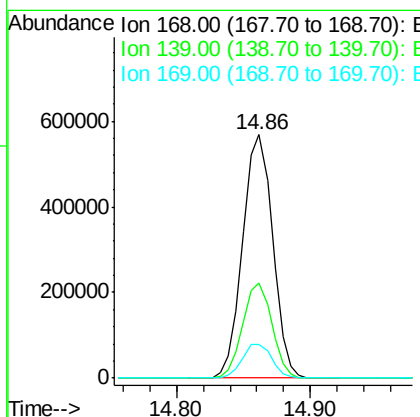
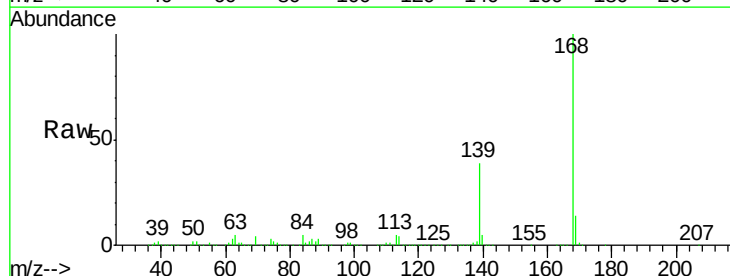
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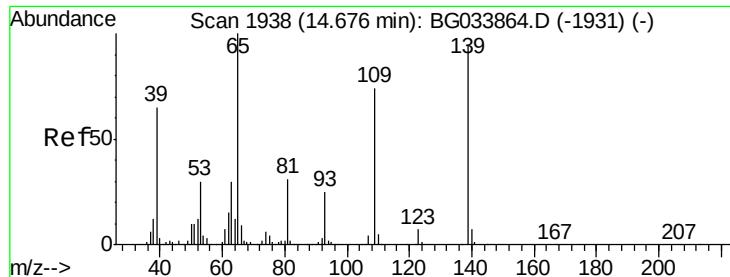
Sohil
4/25/2018 4:25:50 PM



#54
Dibenzofuran
Concen: 41.748 ng
RT: 14.86 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BG033976.D
Acq: 25 Apr 2018 6:14

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.2	28.6	43.0
169	13.8	11.2	16.8





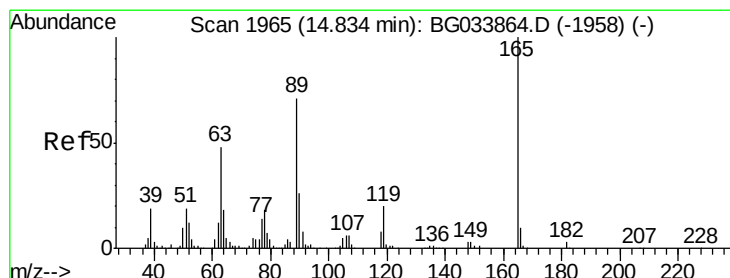
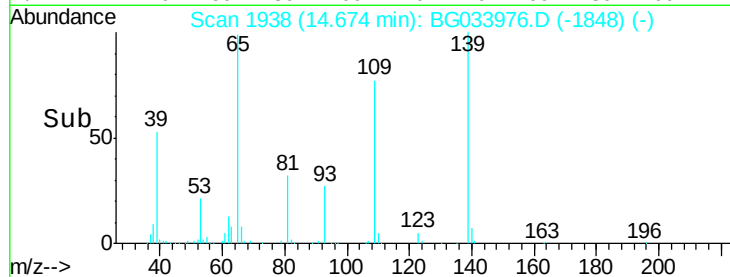
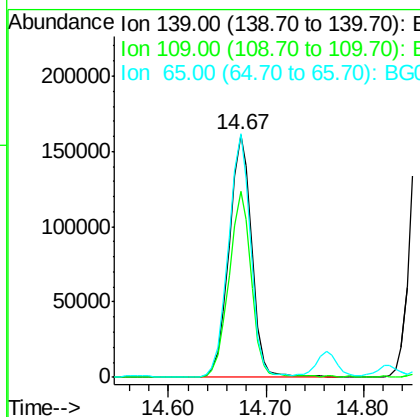
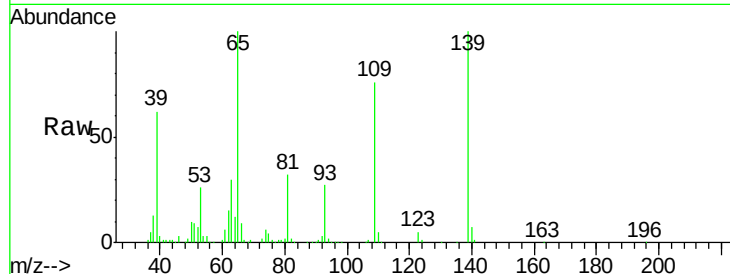
#55
4-Nitrophenol
Concen: 81.794 ng
RT: 14.67 min Scan# 1938
Delta R.T. -0.00 min
Lab File: BG033976.D
Acq: 25 Apr 2018 6:14

Instrument :
BNA_G
ClientSampleId :
KS-RO-238MS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	258179		
109	76.7	62.2	102.2	
65	100.5	97.2	137.2	

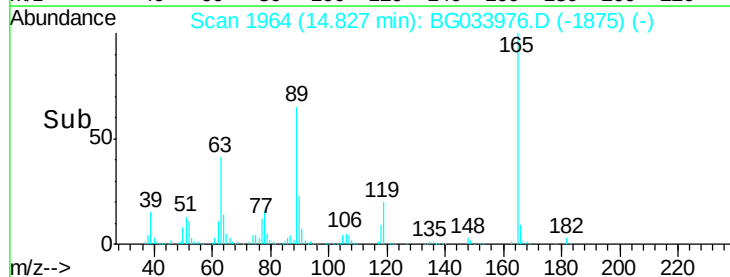
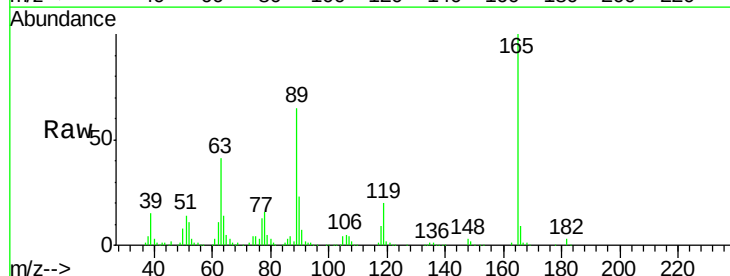
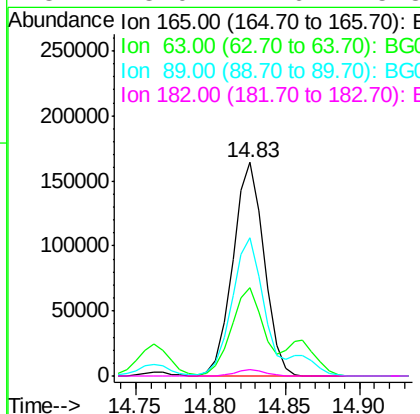
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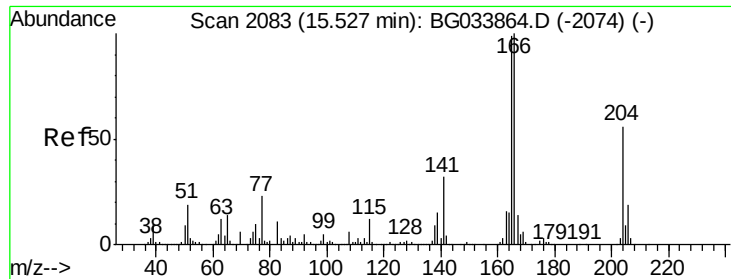
Sohil
4/25/2018 4:25:50 PM



#56
2,4-Dinitrotoluene
Concen: 48.420 ng
RT: 14.83 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BG033976.D
Acq: 25 Apr 2018 6:14

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	238648		
63	41.4	42.0	63.0#	
89	64.5	66.9	100.3#	
182	3.0	2.6	3.8	





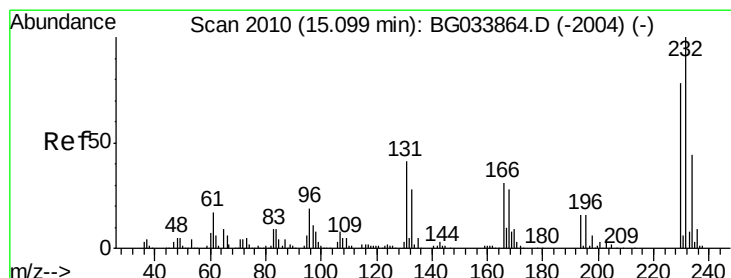
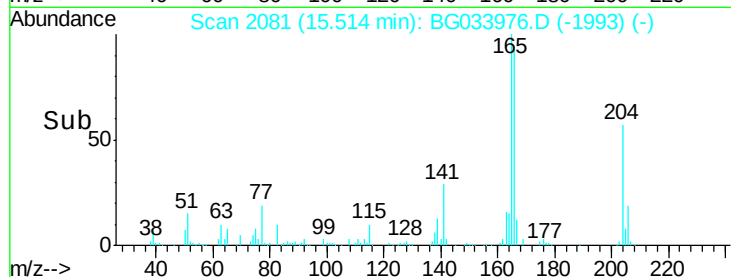
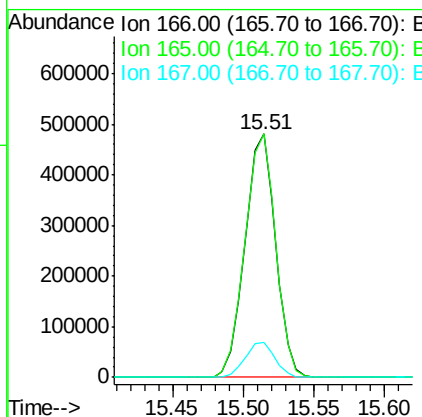
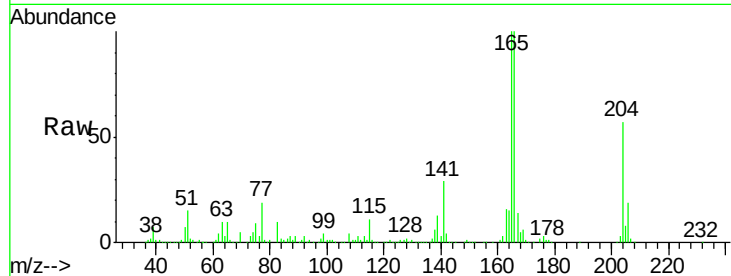
#57
 Fluorene
 Concen: 39.929 ng
 RT: 15.51 min Scan# 2081
 Delta R.T. -0.01 min
 Lab File: BG033976.D
 Acq: 25 Apr 2018 6:14

Instrument :
 BNA_G
 ClientSampleId :
 KS-RO-238MS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	729998		
165	99.8	80.6	121.0	
167	14.1	10.4	15.6	

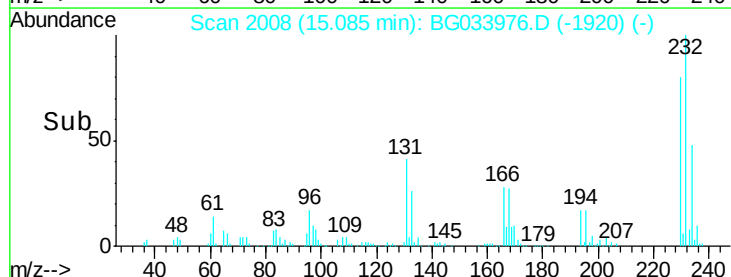
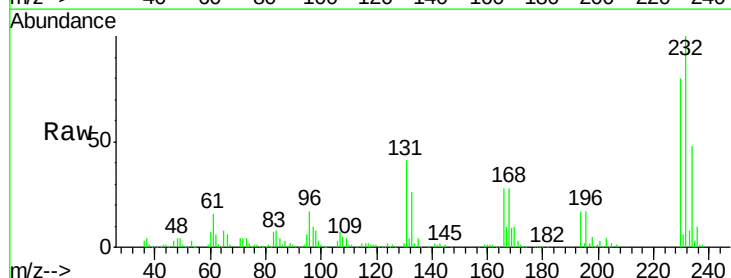
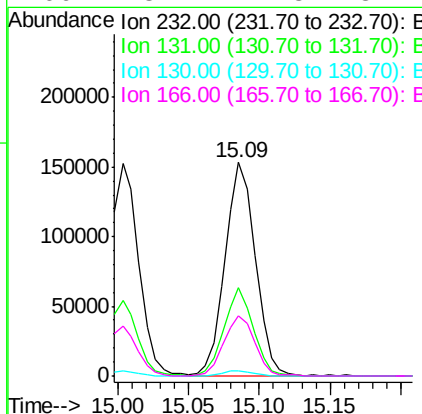
Manual Integrations
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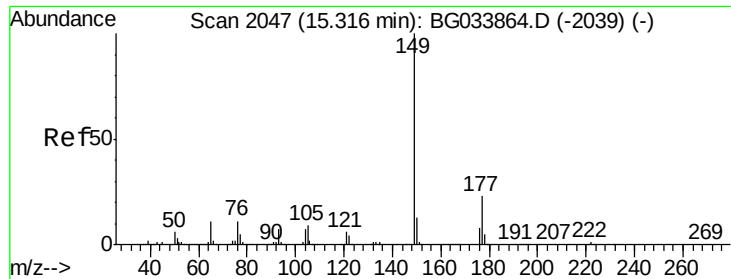
Sohil
 4/25/2018 4:25:50 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 48.668 ng
 RT: 15.09 min Scan# 2008
 Delta R.T. -0.01 min
 Lab File: BG033976.D
 Acq: 25 Apr 2018 6:14

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	230608		
131	39.8	33.5	50.3	
130	2.5	2.2	3.2	
166	28.7	24.8	37.2	





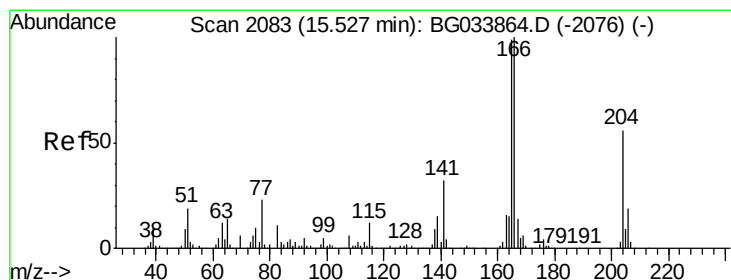
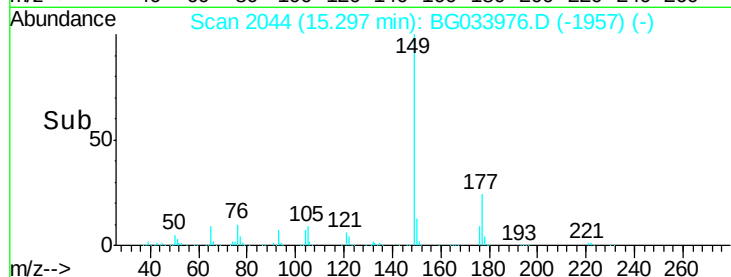
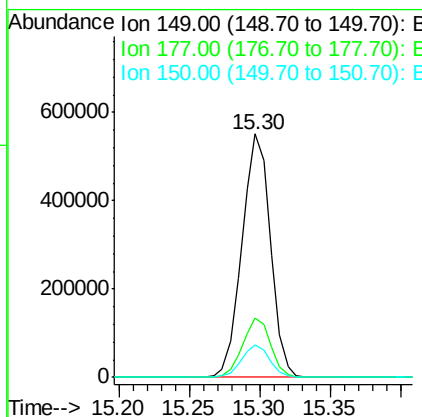
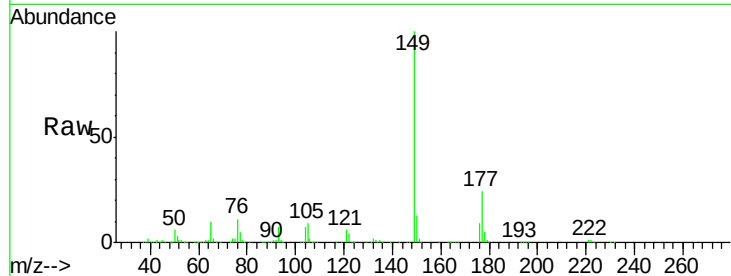
#59
Diethylphthalate
Concen: 37.487 ng
RT: 15.30 min Scan# 2044
Delta R.T. -0.02 min
Lab File: BG033976.D
Acq: 25 Apr 2018 6:14

Instrument :
BNA_G
ClientSampleId :
KS-RO-238MS

Tot Ion	Ratio	Lower	Upper
149	100		
177	24.3	18.5	27.7
150	13.1	10.2	15.2

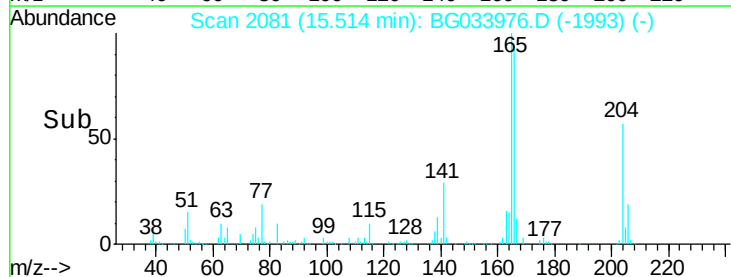
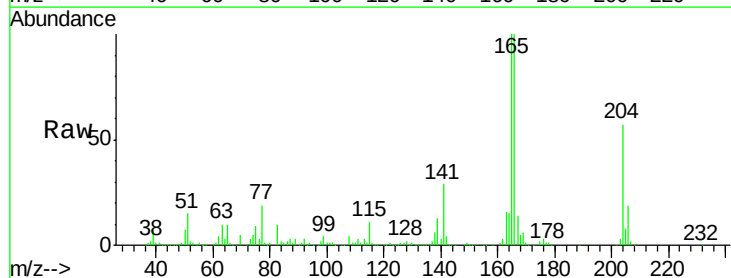
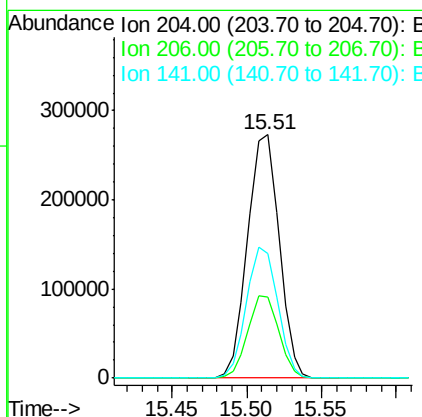
Manual Integrations
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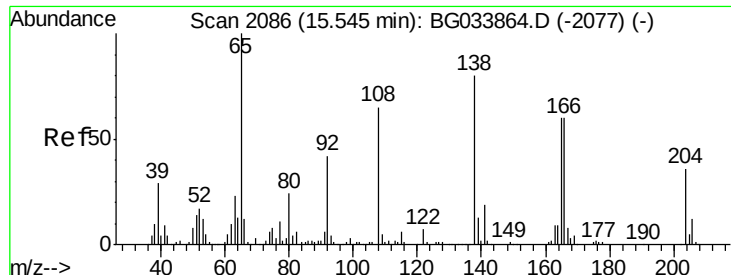
Sohil
4/25/2018 4:25:50 PM



#60
4-Chlorophenyl-phenylether
Concen: 41.880 ng
RT: 15.51 min Scan# 2081
Delta R.T. -0.01 min
Lab File: BG033976.D
Acq: 25 Apr 2018 6:14

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.2	39.2
141	51.3	45.8	68.6





#61

4-Nitroaniline

Concen: 40.745 ng

RT: 15.53 min Scan# 2084

Delta R.T. -0.01 min

Lab File: BG033976.D

Acq: 25 Apr 2018 6:14

Instrument :

BNA_G

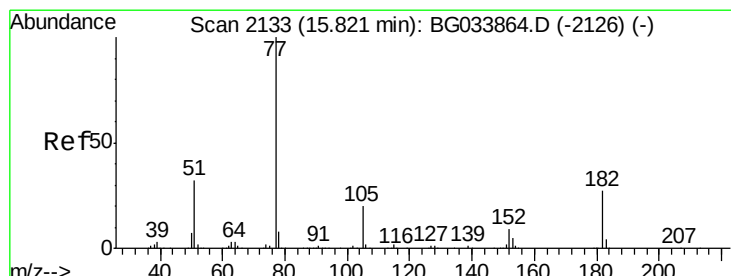
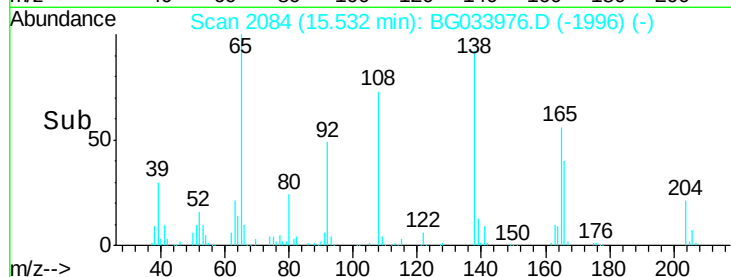
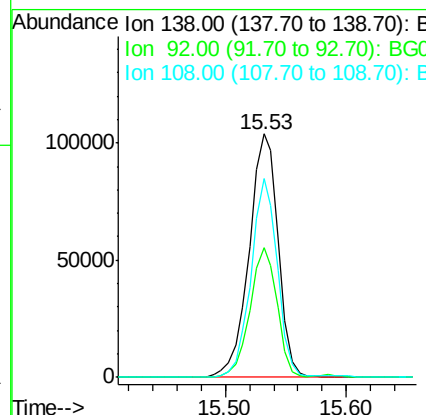
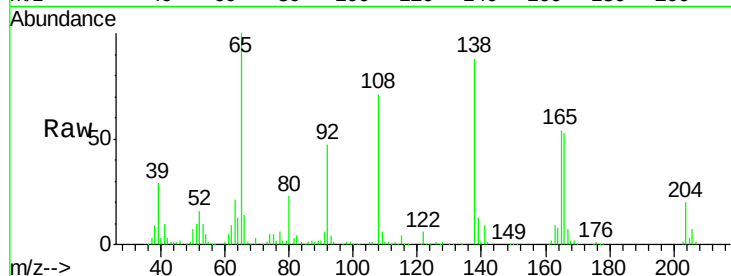
ClientSampled :

KS-RO-238MS

Tot Ion	Ratio	Lower	Upper
138	100		
92	53.4	40.1	80.1
108	81.4	65.4	105.4

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4/25/2018 4:25:50 PM



#62

Azobenzene

Concen: 37.011 ng

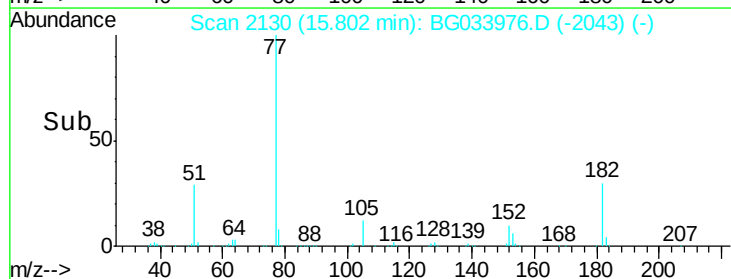
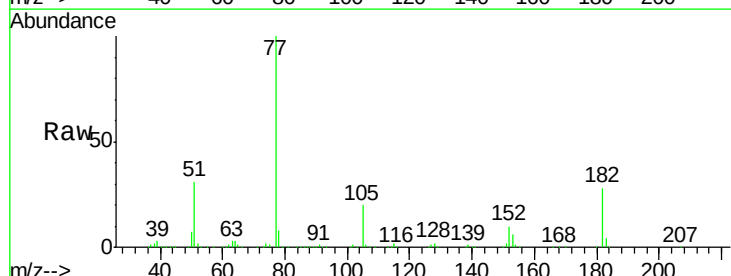
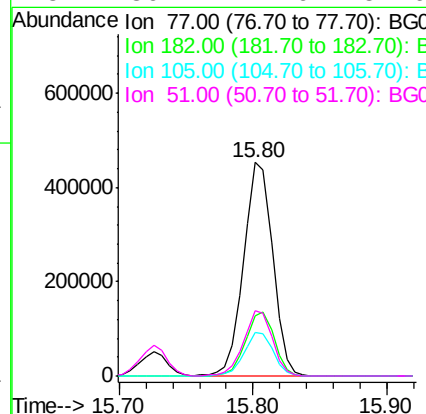
RT: 15.80 min Scan# 2130

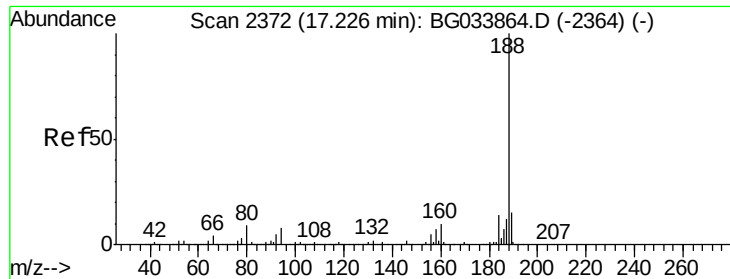
Delta R.T. -0.02 min

Lab File: BG033976.D

Acq: 25 Apr 2018 6:14

Tgt Ion	Ratio	Lower	Upper
77	100		
182	28.4	7.4	47.4
105	20.4	0.3	40.3
51	30.7	11.6	51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.21 min Scan# 2370

Delta R.T. -0.01 min

Lab File: BG033976.D

Acq: 25 Apr 2018 6:14

Instrument :

BNA_G

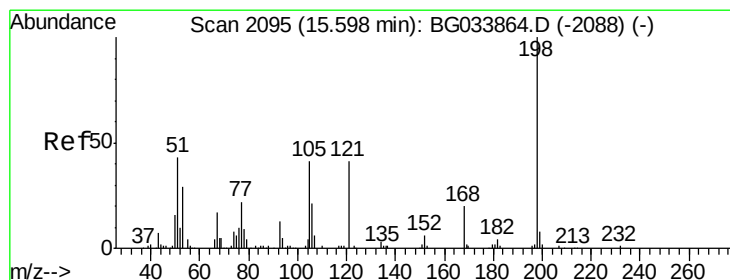
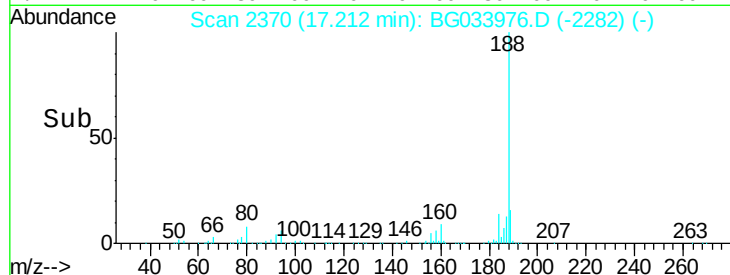
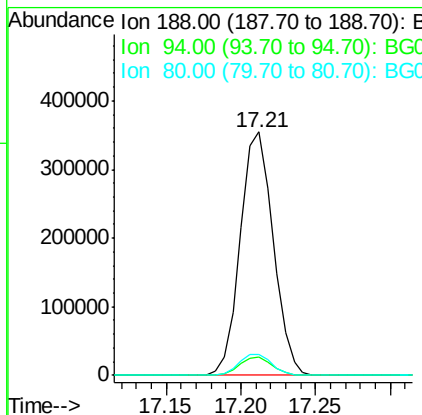
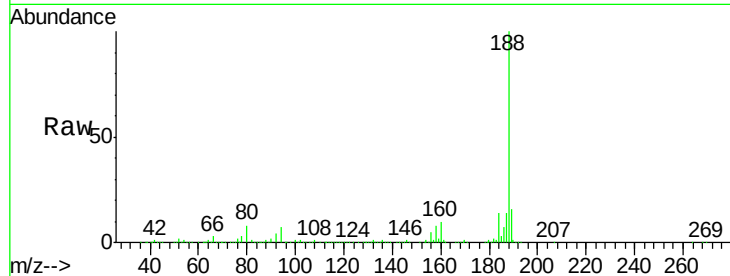
ClientSampleId :

KS-RO-238MS

Tot Ion:	188	Resp:	542517
Ion Ratio	Lower	Upper	
188	100		
94	7.4	6.9	10.3
80	8.3	7.7	11.5

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4/25/2018 4:25:50 PM



#64

4,6-Dinitro-2-methylphenol

Concen: 22.771 ng

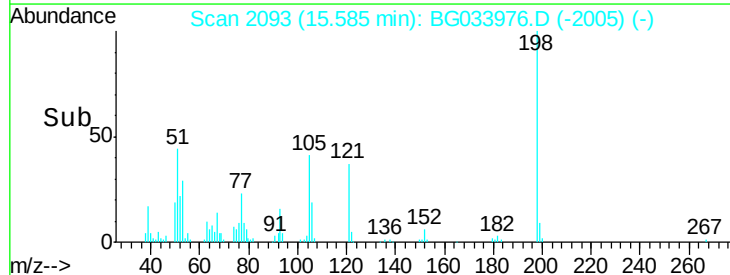
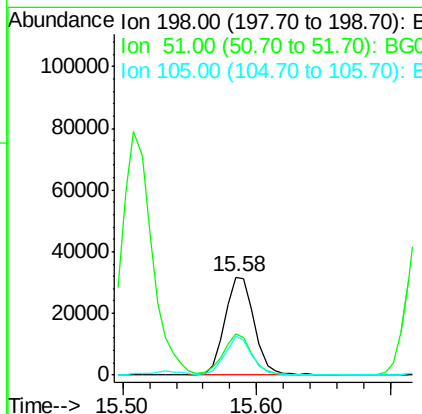
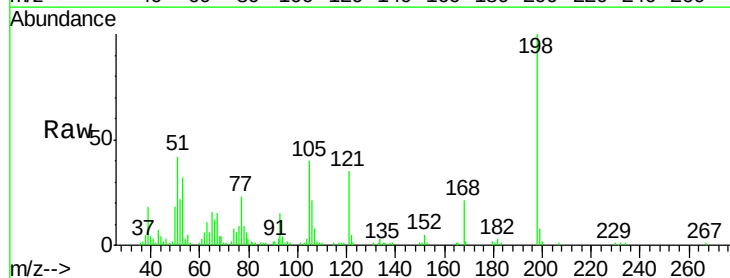
RT: 15.58 min Scan# 2093

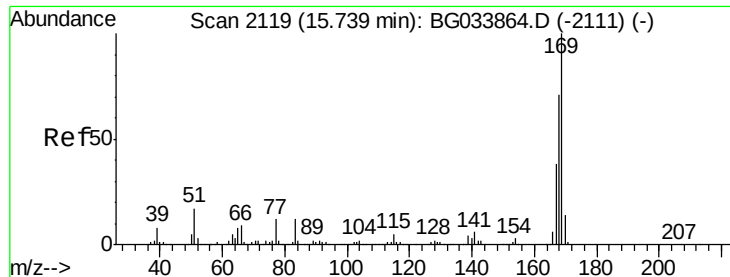
Delta R.T. -0.01 min

Lab File: BG033976.D

Acq: 25 Apr 2018 6:14

Tgt Ion:	198	Resp:	49183
Ion Ratio	Lower	Upper	
198	100		
51	42.0	30.6	70.6
105	39.7	23.8	63.8





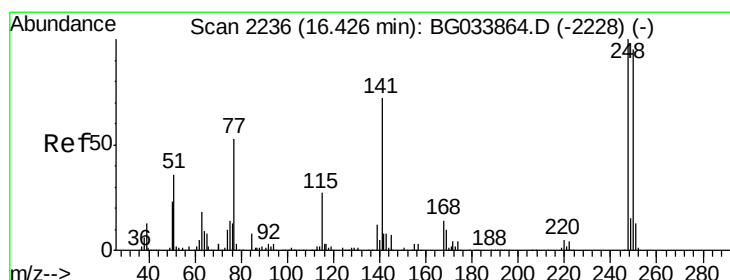
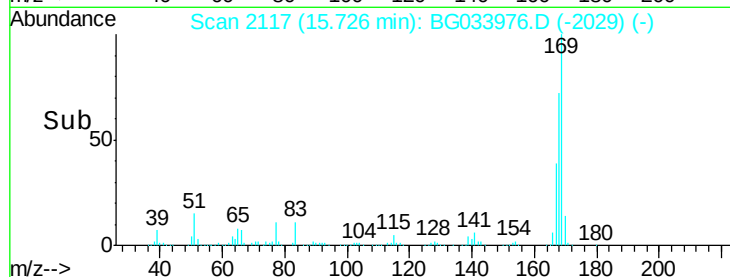
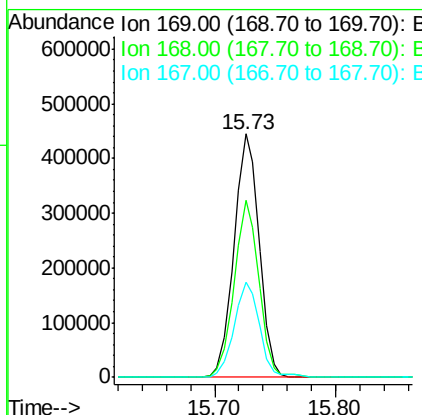
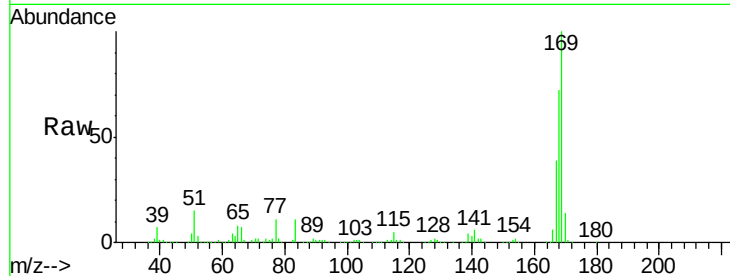
#65
 n-Nitrosodiphenylamine
 Concen: 40.813 ng
 RT: 15.73 min Scan# 2117
 Delta R.T. -0.01 min
 Lab File: BG033976.D
 Acq: 25 Apr 2018 6:14

Instrument :
 BNA_G
 ClientSampleId :
 KS-RO-238MS

Tot Ion	Ratio	Lower	Upper
169	100		
168	72.5	55.7	83.5
167	38.9	30.1	45.1

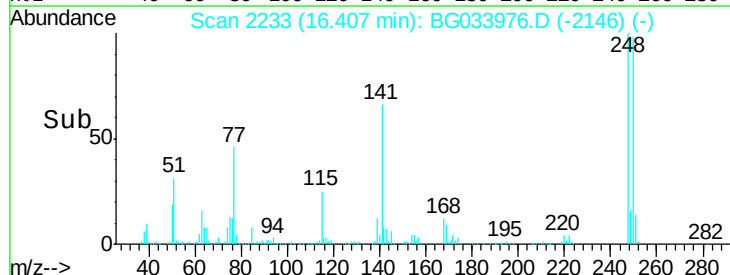
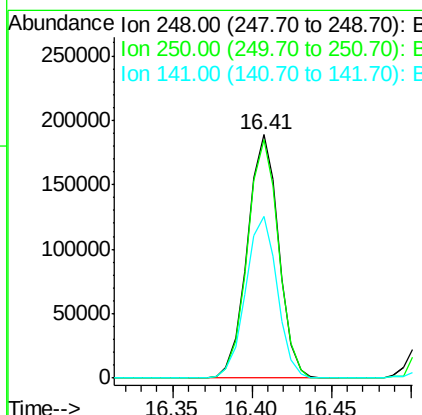
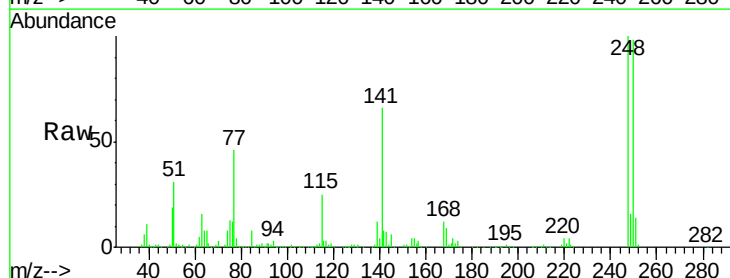
Manual Integrations
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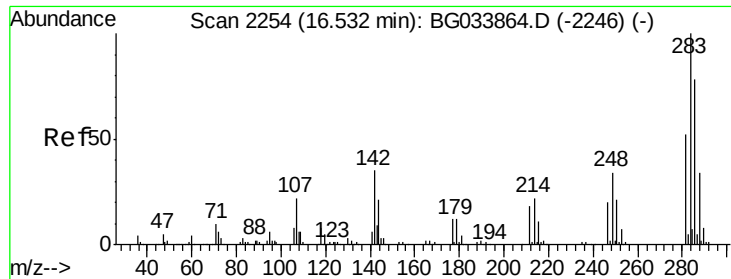
Sohil
 4/25/2018 4:25:50 PM



#66
 4-Bromophenyl-phenylether
 Concen: 43.357 ng
 RT: 16.41 min Scan# 2233
 Delta R.T. -0.02 min
 Lab File: BG033976.D
 Acq: 25 Apr 2018 6:14

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.2	77.1	115.7
141	66.4	50.8	76.2





#67

Hexachlorobenzene

Concen: 41.782 ng

RT: 16.52 min Scan# 2252

Delta R.T. -0.01 min

Lab File: BG033976.D

Acq: 25 Apr 2018 6:14

Instrument :

BNA_G

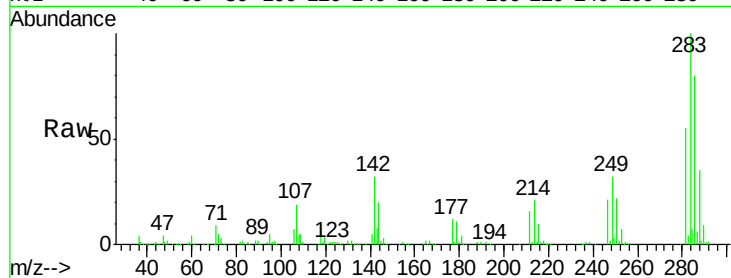
ClientSampleId :

KS-RO-238MS

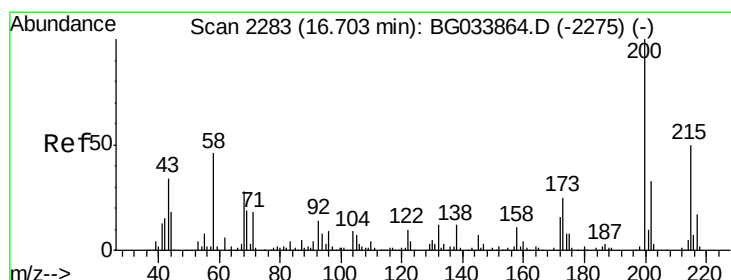
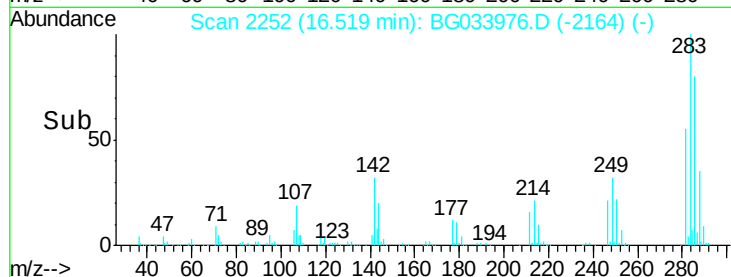
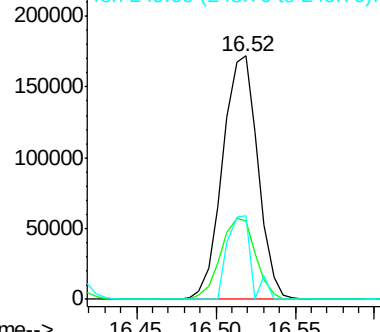
Tot Ion	Ratio	Resp	Lower	Upper
284	100	265480		
142	32.0	26.8	40.2	
249	34.6	26.3	39.5	

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



#68

Atrazine

Concen: 45.369 ng

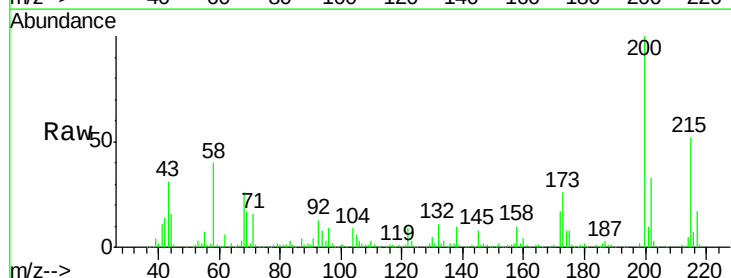
RT: 16.68 min Scan# 2280

Delta R.T. -0.02 min

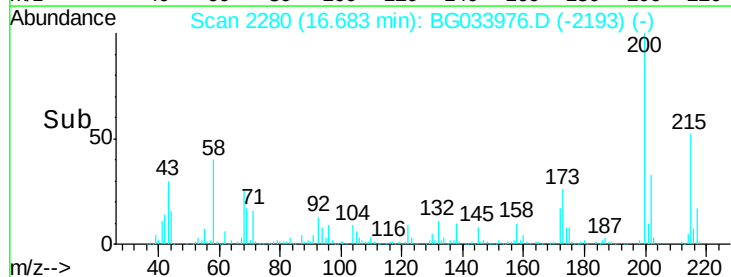
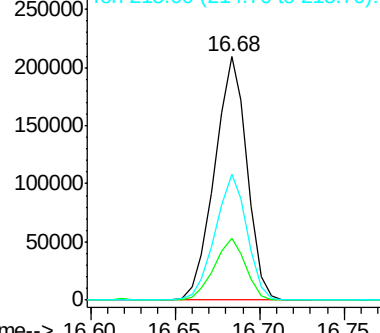
Lab File: BG033976.D

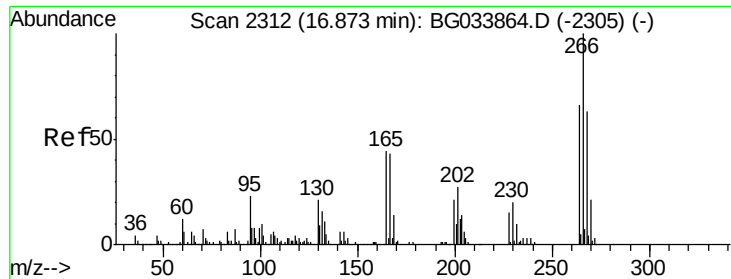
Acq: 25 Apr 2018 6:14

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	280336		
173	25.6	5.2	45.2	
215	51.6	30.4	70.4	



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





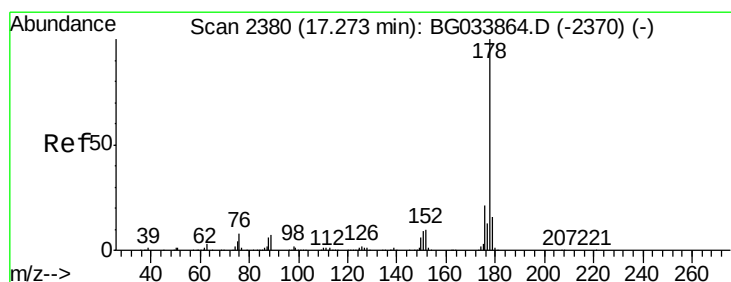
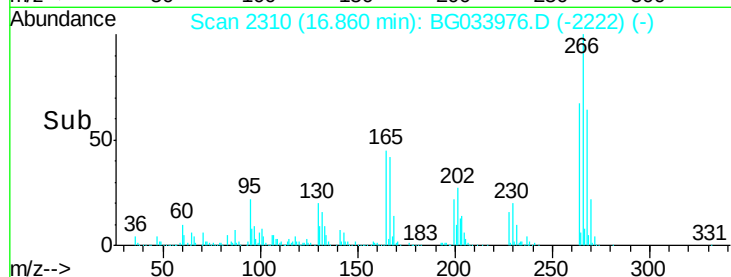
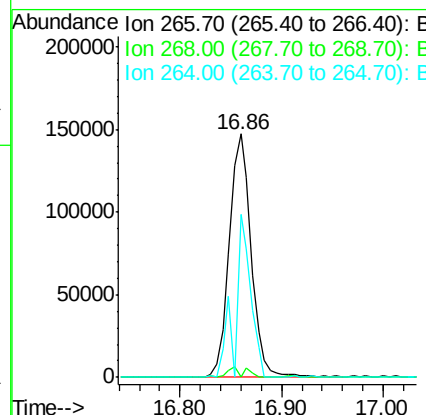
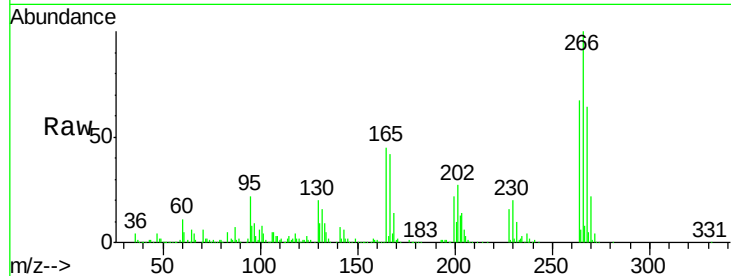
#69
 Pentachlorophenol
 Concen: 50.650 ng
 RT: 16.86 min Scan# 2310
 Delta R.T. -0.01 min
 Lab File: BG033976.D
 Acq: 25 Apr 2018 6:14

Instrument :
 BNA_G
 ClientSampleId :
 KS-RO-238MS

Tot Ion	Ratio	Lower	Upper
266	100		
268	5.0	51.1	76.7#
264	72.6	49.6	74.4

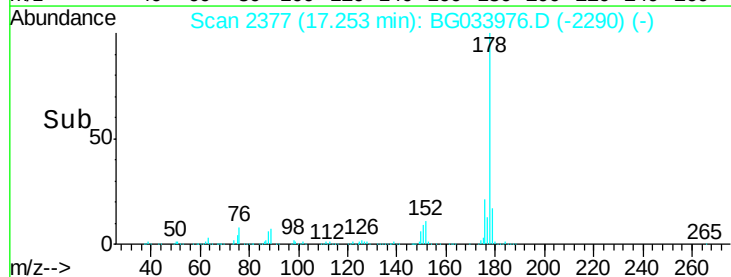
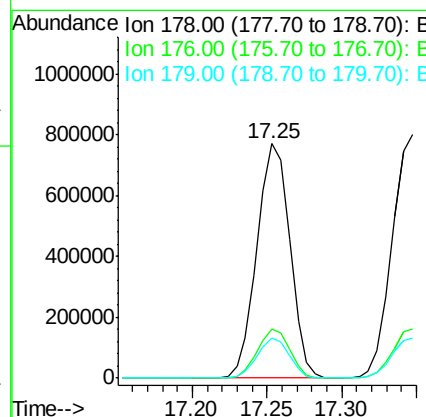
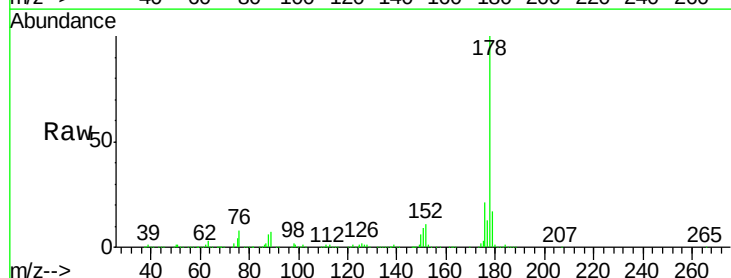
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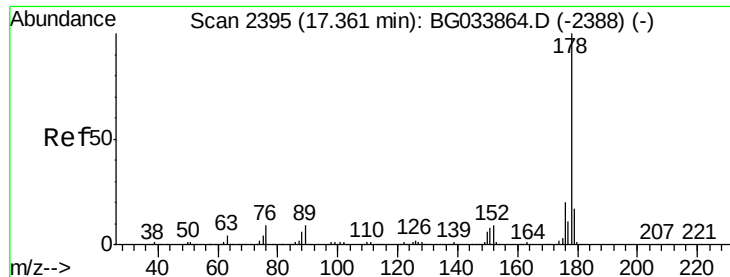
Sohil
 4/25/2018 4:25:50 PM



#70
 Phenanthrene
 Concen: 40.396 ng
 RT: 17.25 min Scan# 2377
 Delta R.T. -0.02 min
 Lab File: BG033976.D
 Acq: 25 Apr 2018 6:14

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.9	15.7	23.5
179	17.1	12.5	18.7





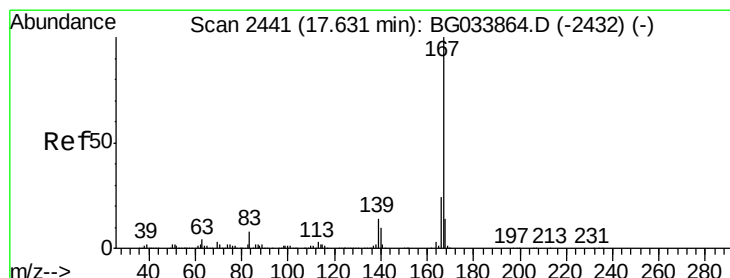
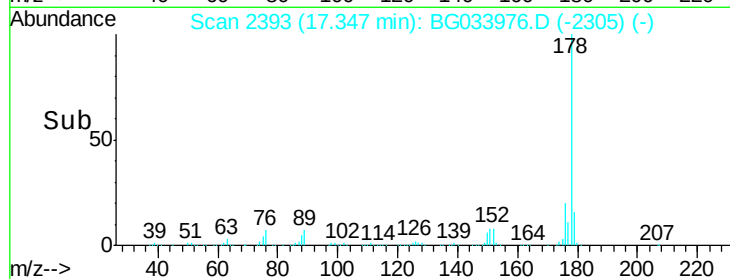
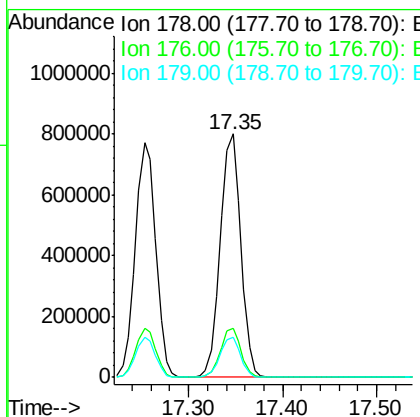
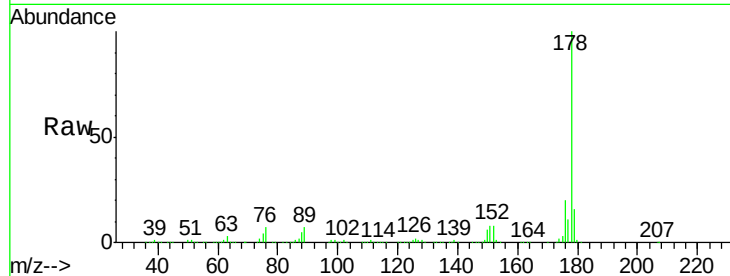
#71
 Anthracene
 Concen: 42.039 ng
 RT: 17.35 min Scan# 2393
 Delta R.T. -0.01 min
 Lab File: BG033976.D
 Acq: 25 Apr 2018 6:14

Instrument :
 BNA_G
 ClientSampleId :
 KS-RO-238MS

Tot Ion:178 Resp: 1223559
 Ion Ratio Lower Upper
 178 100
 176 20.3 16.0 24.0
 179 16.4 12.5 18.7

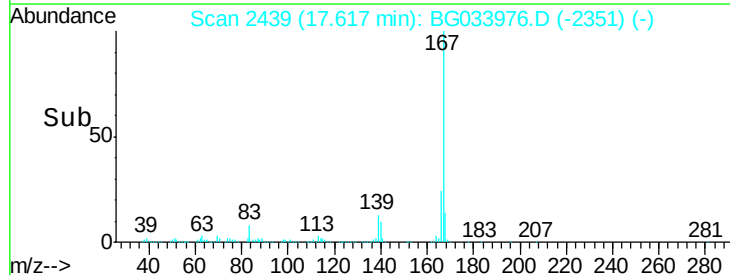
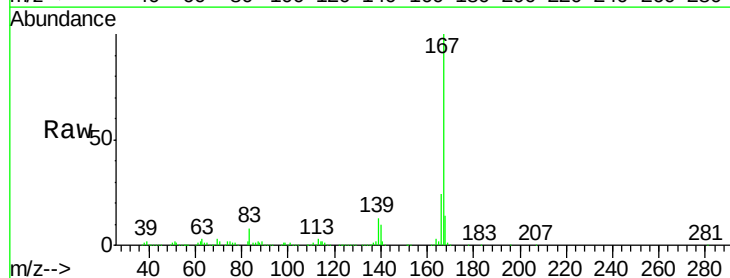
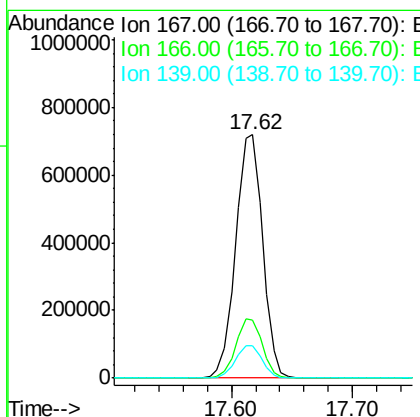
Manual Integrations
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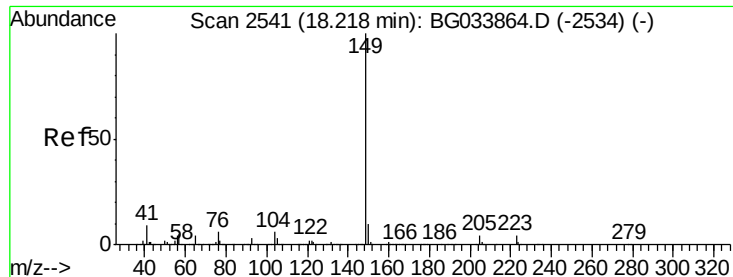
Sohil
 4/25/2018 4:25:50 PM



#72
 Carbazole
 Concen: 39.925 ng
 RT: 17.62 min Scan# 2439
 Delta R.T. -0.01 min
 Lab File: BG033976.D
 Acq: 25 Apr 2018 6:14

Tgt Ion:167 Resp: 1121041
 Ion Ratio Lower Upper
 167 100
 166 23.6 18.2 27.4
 139 13.1 9.4 14.2





#73

Di-n-butylphthalate

Concen: 38.501 ng

RT: 18.19 min Scan# 2537

Delta R.T. -0.03 min

Lab File: BG033976.D

Acq: 25 Apr 2018 6:14

Instrument :

BNA_G

ClientSampleId :

KS-RO-238MS

Tot Ion:149 Resp: 1344898

Ion Ratio Lower Upper

149 100

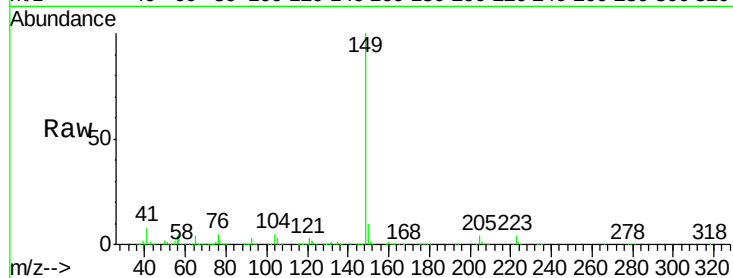
150 10.2 7.8 11.6

104 5.4 3.9 5.9

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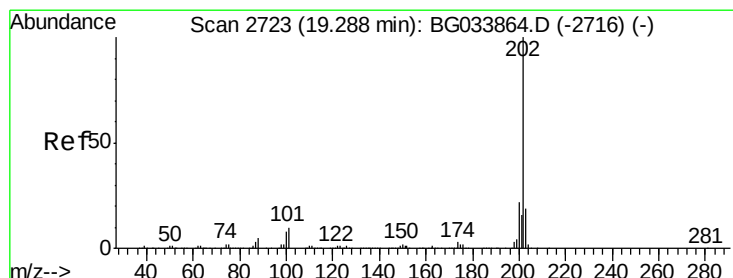
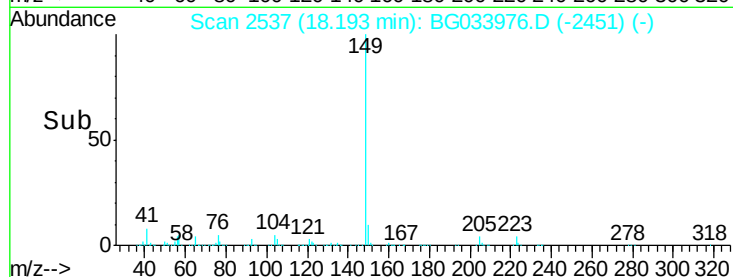
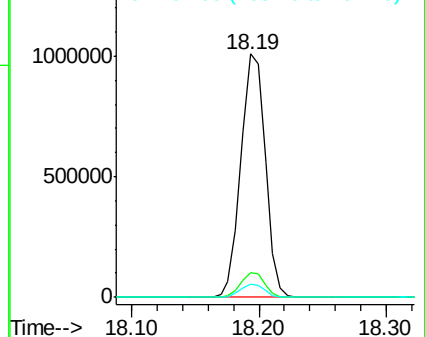
4/25/2018 4:25:50 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 42.152 ng

RT: 19.27 min Scan# 2721

Delta R.T. -0.01 min

Lab File: BG033976.D

Acq: 25 Apr 2018 6:14

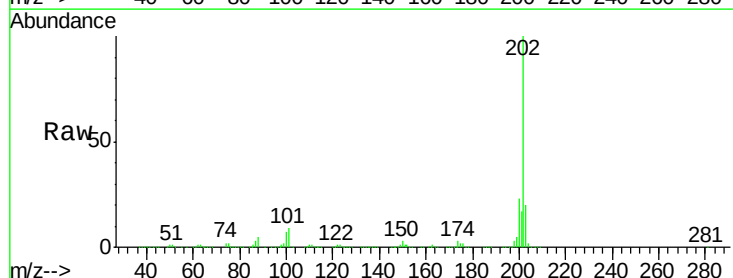
Tgt Ion:202 Resp: 1483998

Ion Ratio Lower Upper

202 100

101 8.7 0.0 28.9

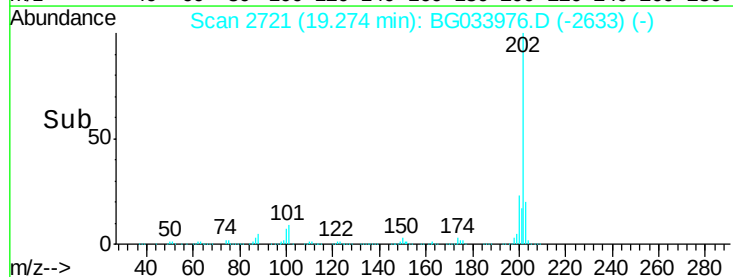
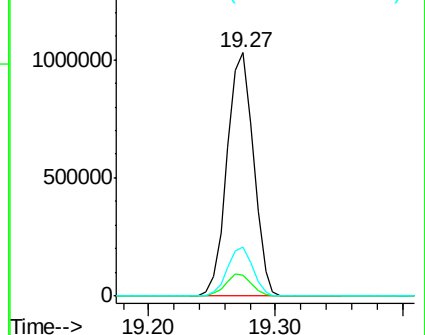
203 20.3 0.0 37.5

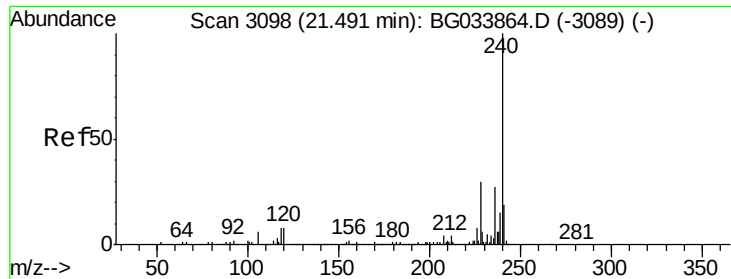


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





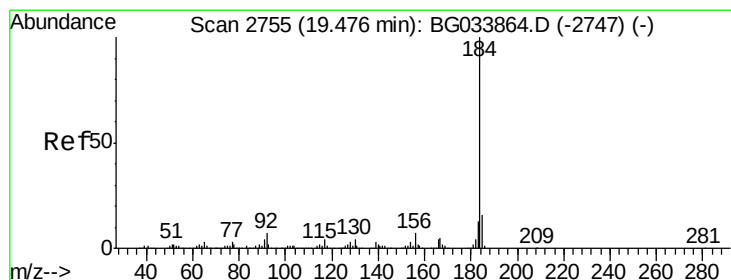
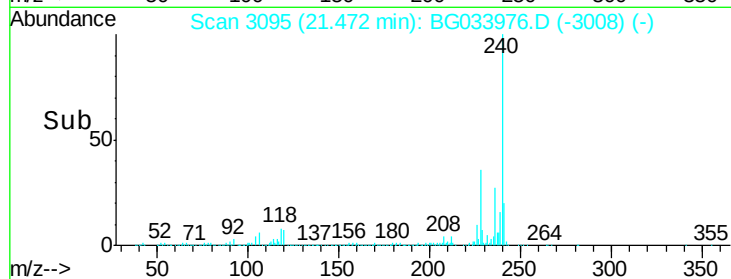
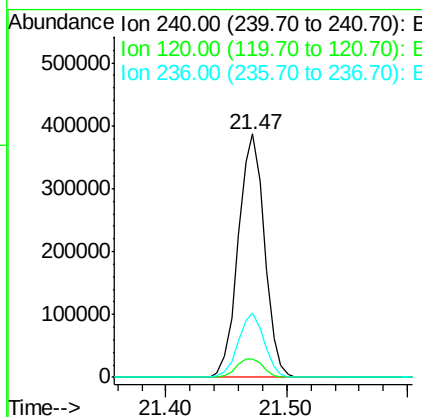
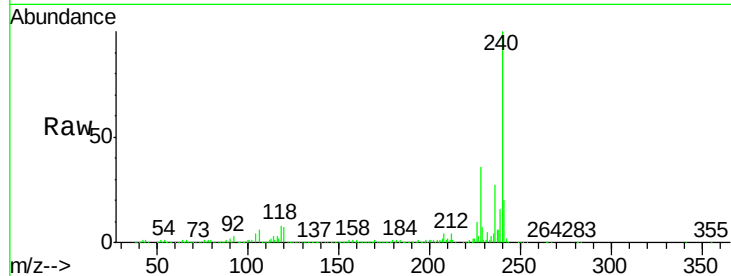
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.47 min Scan# 3095
Delta R.T. -0.02 min
Lab File: BG033976.D
Acq: 25 Apr 2018 6:14

Instrument :
BNA_G
ClientSampleId :
KS-RO-238MS

Tot Ion	Ratio	Lower	Upper
240	100		
120	7.5	6.8	10.2
236	26.5	20.9	31.3

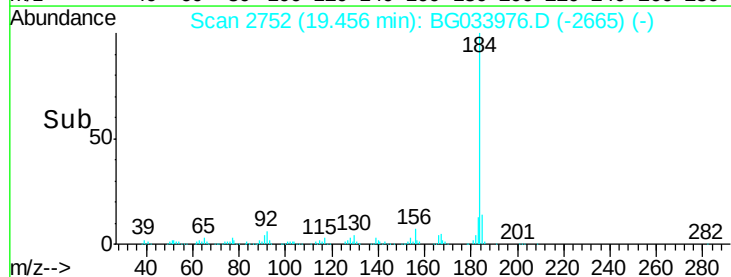
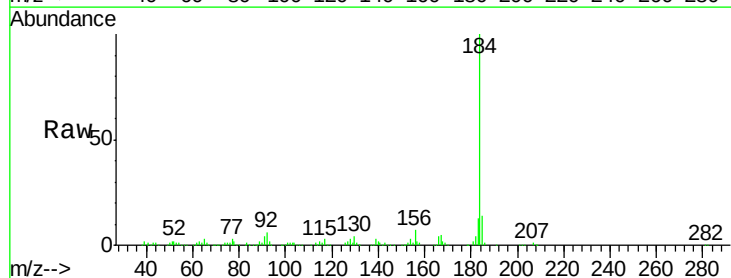
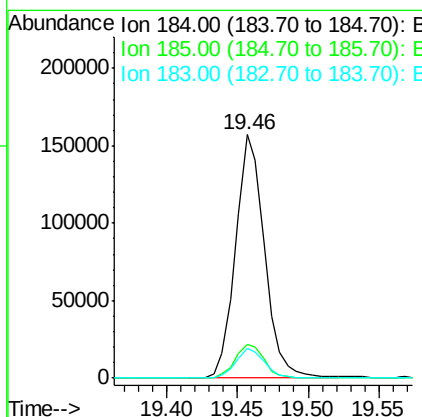
Manual Integrations
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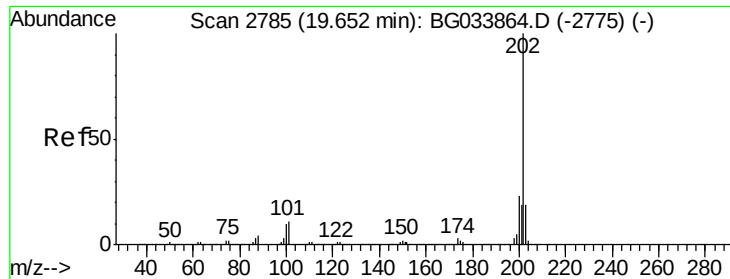
Sohil
4/25/2018 4:25:50 PM



#76
Benzidine
Concen: 14.215 ng
RT: 19.46 min Scan# 2752
Delta R.T. -0.02 min
Lab File: BG033976.D
Acq: 25 Apr 2018 6:14

Tgt Ion	Ratio	Lower	Upper
184	100		
185	13.9	11.1	16.7
183	12.5	10.6	16.0





#77

Pvrene

Concen: 38.694 ng

RT: 19.63 min Scan# 2782

Delta R.T. -0.02 min

Lab File: BG033976.D

Acq: 25 Apr 2018 6:14

Instrument :

BNA_G

ClientSampleId :

KS-RO-238MS

Tot Ion:202 Resp: 1487272

Ion Ratio Lower Upper

202 100

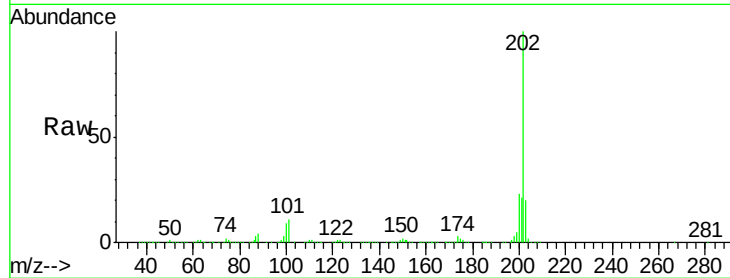
200 23.2 16.9 25.3

203 20.2 13.9 20.9

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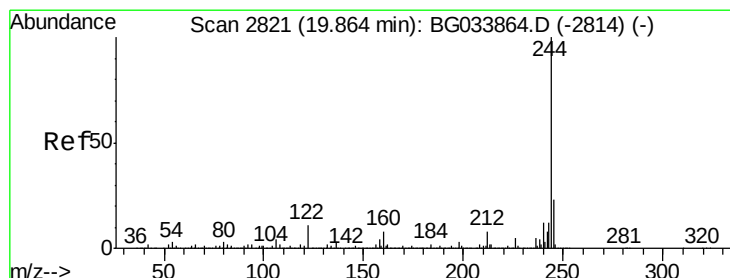
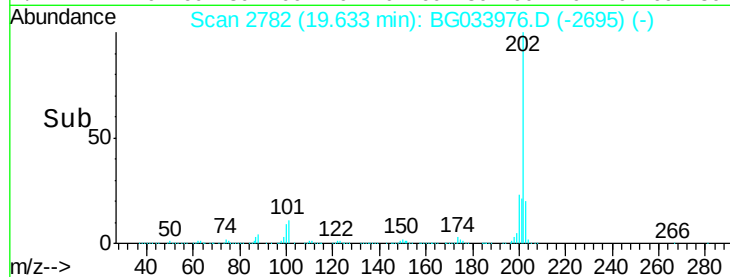
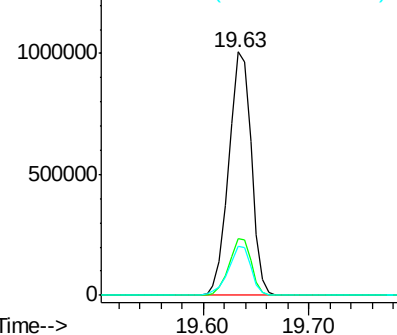
4/25/2018 4:25:50 PM



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: 85.200 ng

RT: 19.85 min Scan# 2819

Delta R.T. -0.01 min

Lab File: BG033976.D

Acq: 25 Apr 2018 6:14

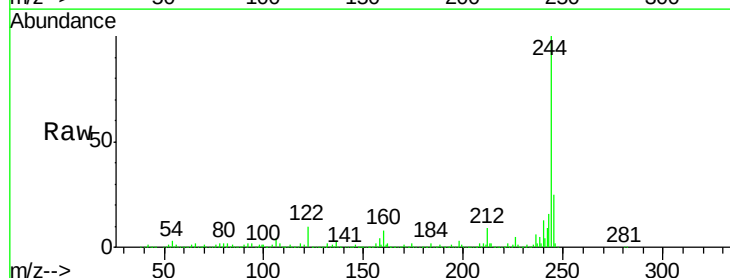
Tgt Ion:244 Resp: 2222420

Ion Ratio Lower Upper

244 100

212 8.9 5.8 8.8#

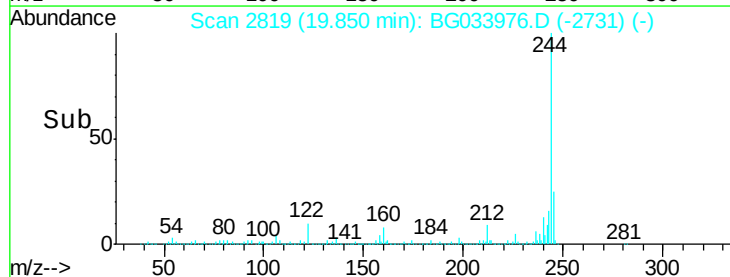
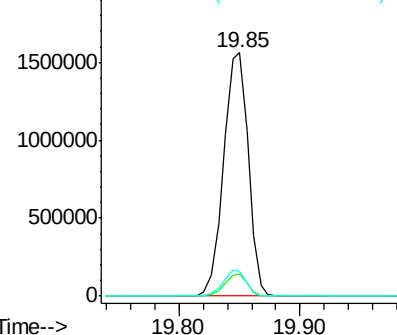
122 10.4 7.0 10.4

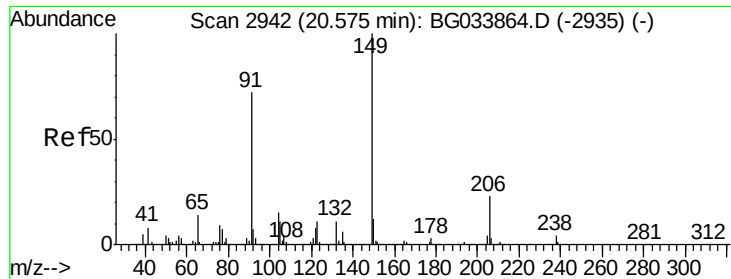


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





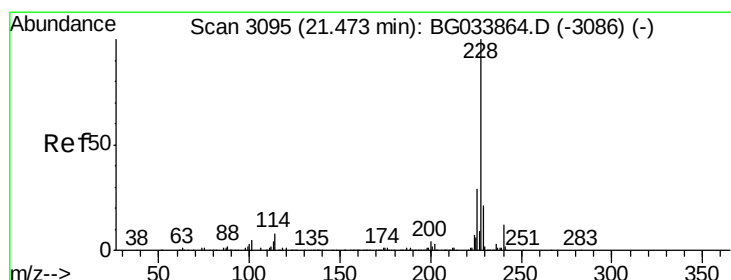
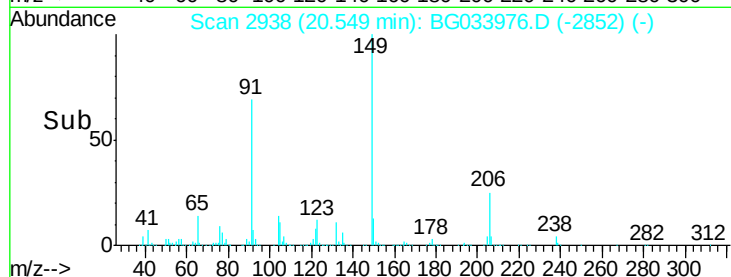
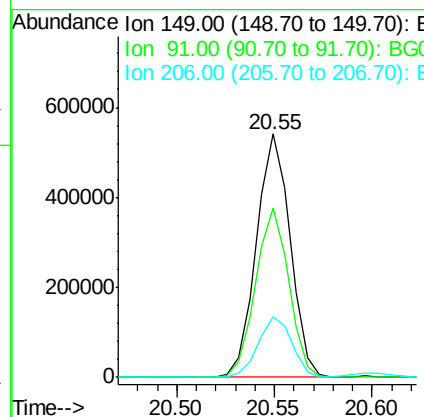
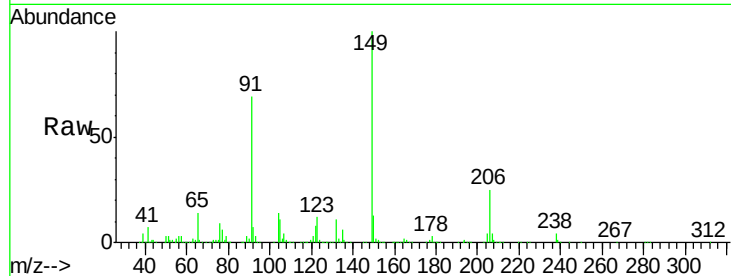
#79
Butylbenzylphthalate
Concen: 38.422 ng
RT: 20.55 min Scan# 2938
Delta R.T. -0.03 min
Lab File: BG033976.D
Acq: 25 Apr 2018 6:14

Instrument :
BNA_G
ClientSampleId :
KS-RO-238MS

Tot Ion	Ratio	Lower	Upper
149	100		
91	69.3	62.2	93.2
206	25.1	18.6	27.8

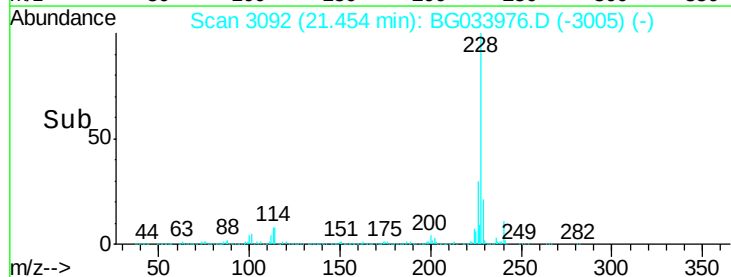
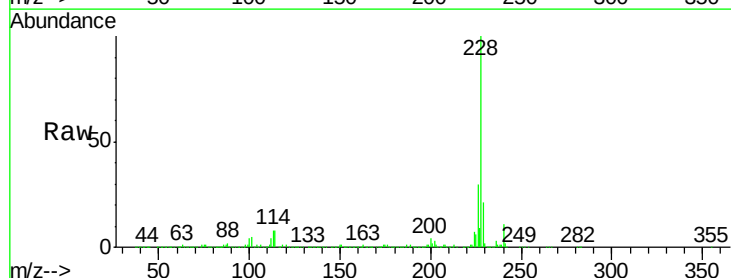
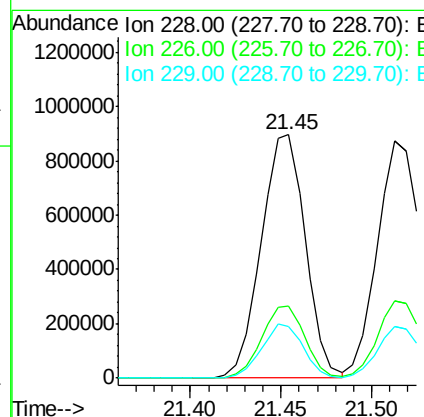
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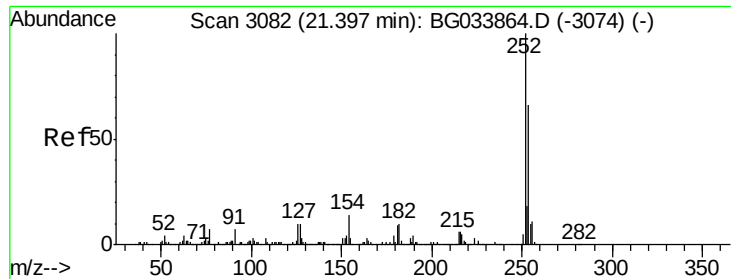
Sohil
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#80
Benzo(a)anthracene
Concen: 41.097 ng
RT: 21.45 min Scan# 3092
Delta R.T. -0.02 min
Lab File: BG033976.D
Acq: 25 Apr 2018 6:14

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.7	22.7	34.1
229	21.3	16.2	24.2





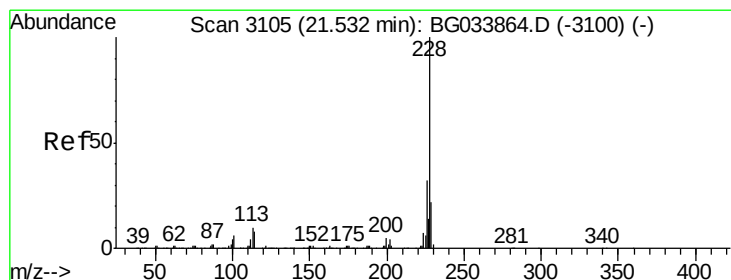
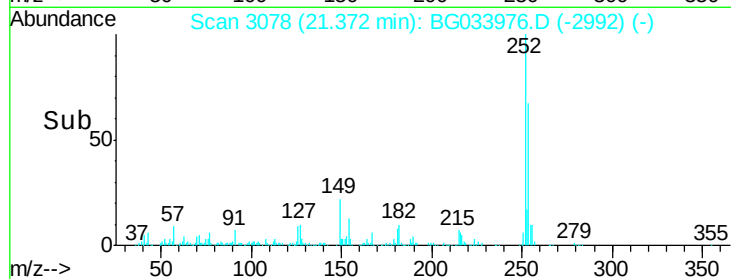
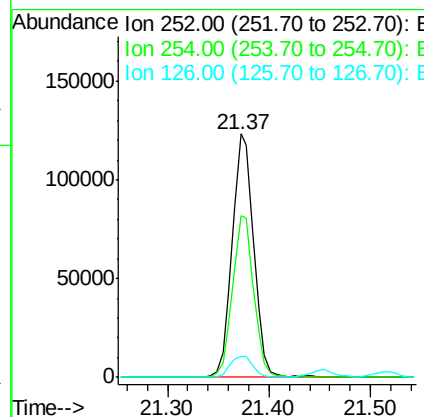
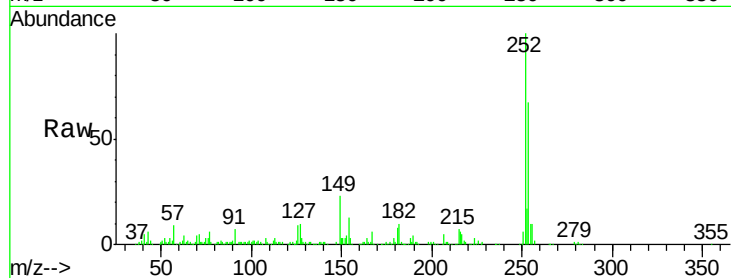
#81
 3,3'-Dichlorobenzidine
 Concen: 13.156 ng
 RT: 21.37 min Scan# 3078
 Delta R.T. -0.03 min
 Lab File: BG033976.D
 Acq: 25 Apr 2018 6:14

Instrument :
 BNA_G
 ClientSampleId :
 KS-RO-238MS

Tot Ion	Ratio	Lower	Upper
252	100		
254	66.5	50.8	76.2
126	8.5	7.4	11.2

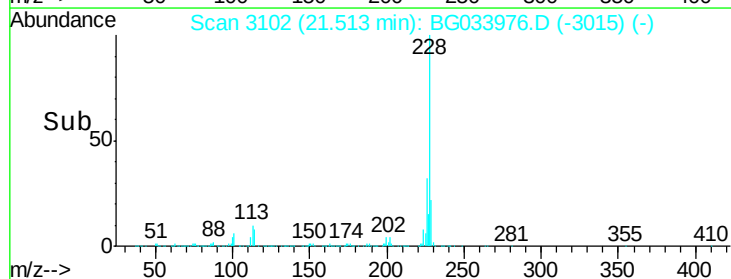
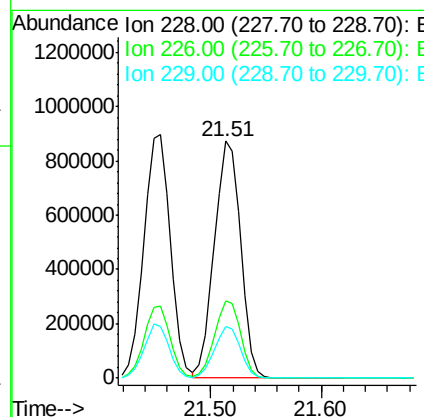
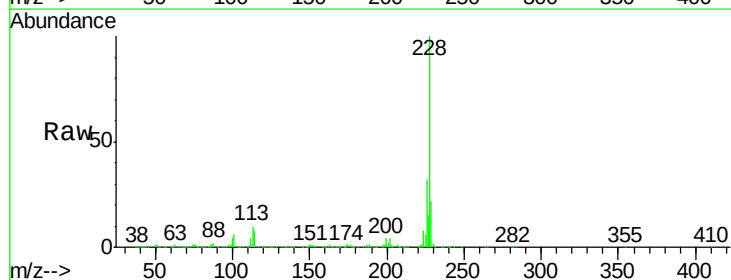
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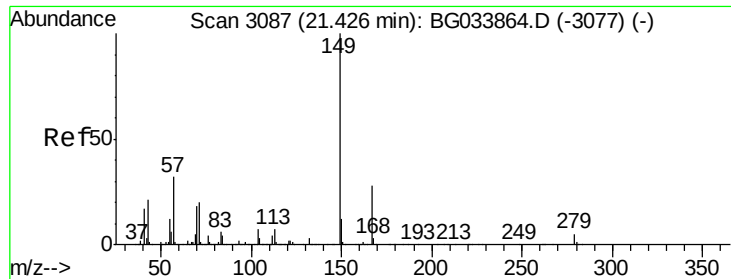
Sohil
 4/25/2018 4:25:50 PM



#82
 Chrysene
 Concen: 40.439 ng
 RT: 21.51 min Scan# 3102
 Delta R.T. -0.02 min
 Lab File: BG033976.D
 Acq: 25 Apr 2018 6:14

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.4	24.9	37.3
229	22.0	15.0	22.4





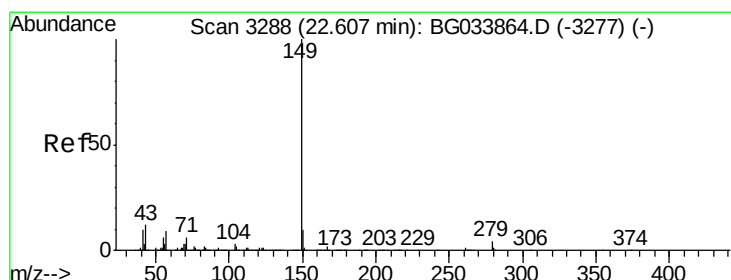
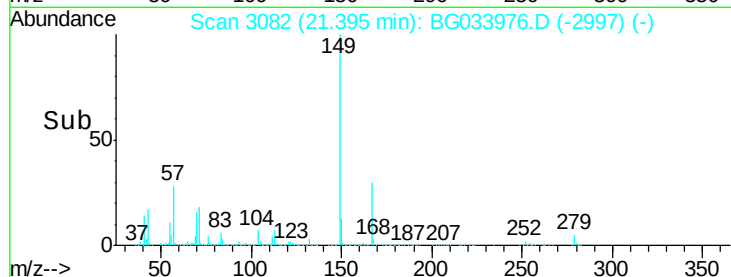
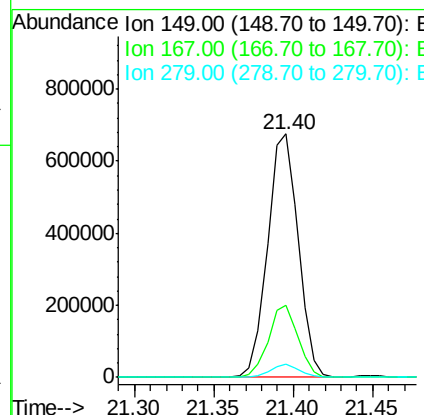
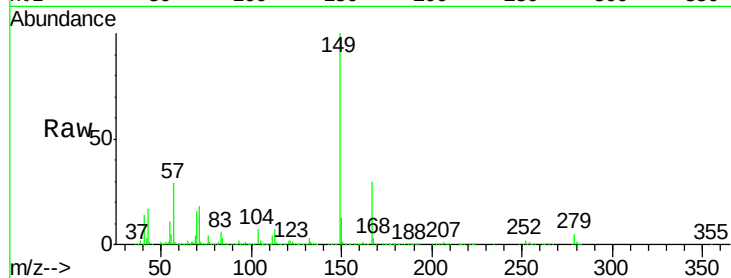
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.208 ng
 RT: 21.40 min Scan# 3082
 Delta R.T. -0.03 min
 Lab File: BG033976.D
 Acq: 25 Apr 2018 6:14

Instrument :
 BNA_G
 ClientSampleId :
 KS-RO-238MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	29.6	24.3	36.5
279	5.2	4.0	6.0

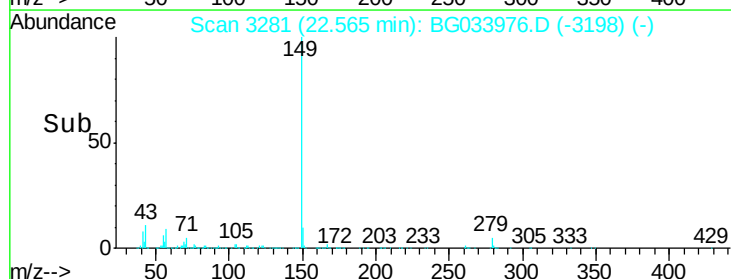
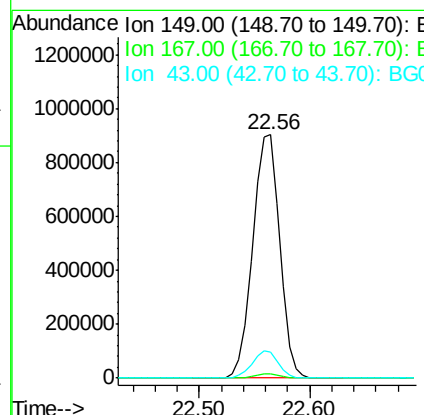
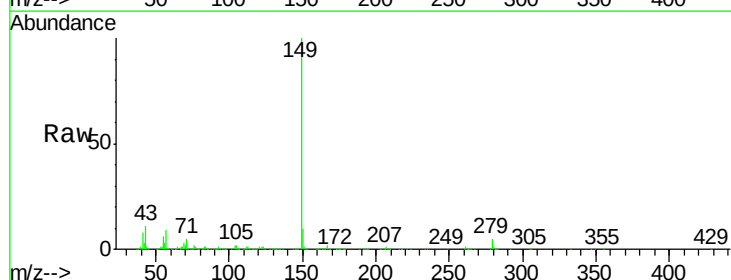
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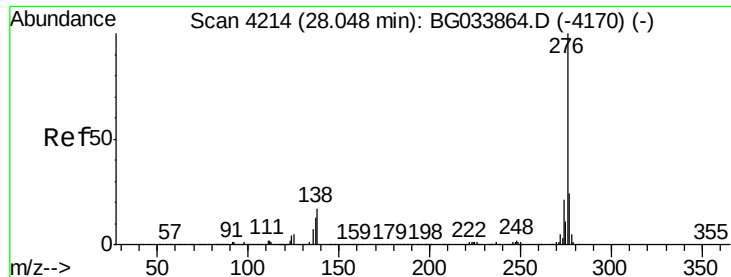
Sohil
 4/25/2018 4:25:50 PM



#84
 Di-n-octyl phthalate
 Concen: 40.979 ng
 RT: 22.56 min Scan# 3281
 Delta R.T. -0.04 min
 Lab File: BG033976.D
 Acq: 25 Apr 2018 6:14

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	10.6	8.9	13.3





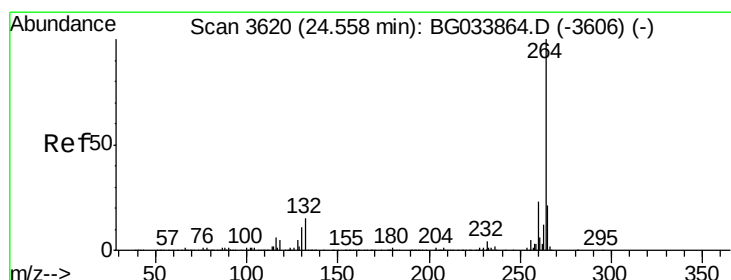
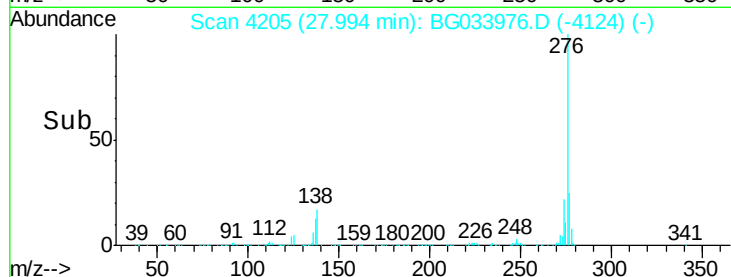
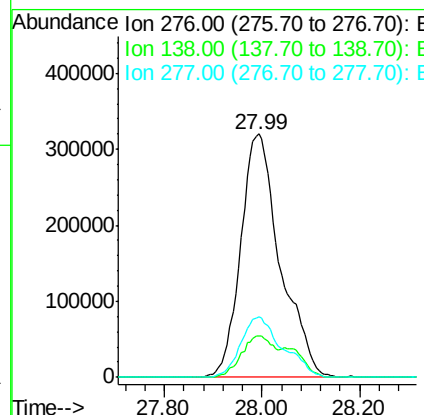
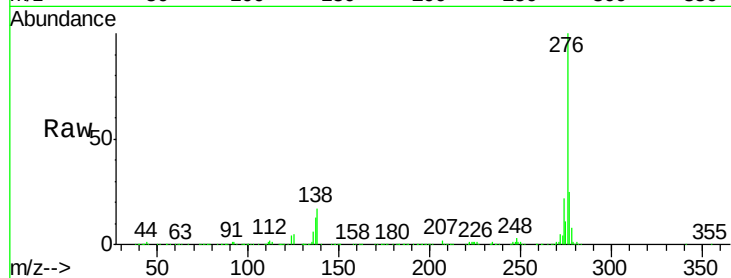
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.799 ng
 RT: 27.99 min Scan# 4205
 Delta R.T. -0.05 min
 Lab File: BG033976.D
 Acq: 25 Apr 2018 6:14

Instrument :
 BNA_G
 ClientSampleId :
 KS-RO-238MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	14.1	16.0	24.0#
277	26.1	20.0	30.0

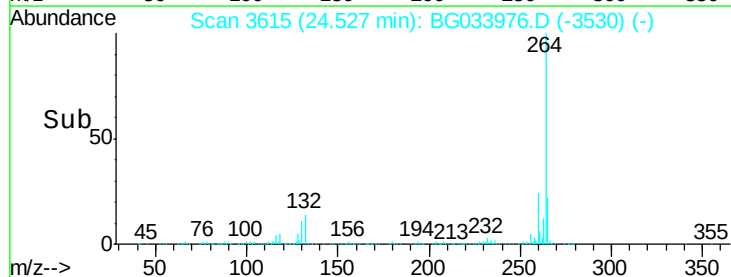
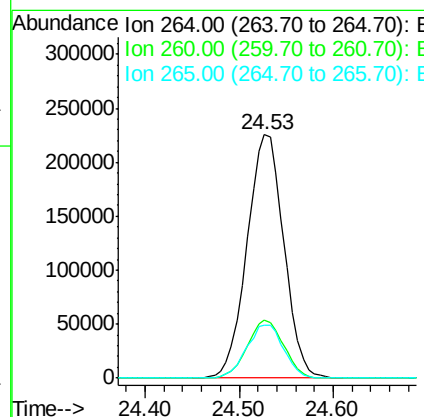
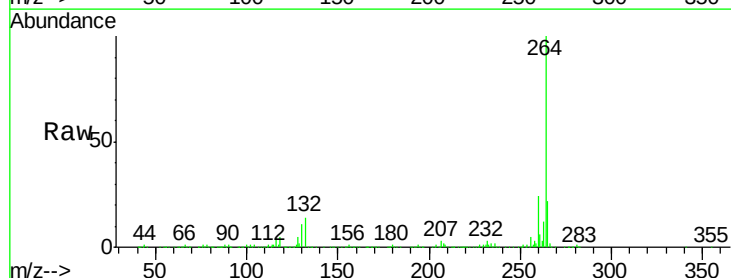
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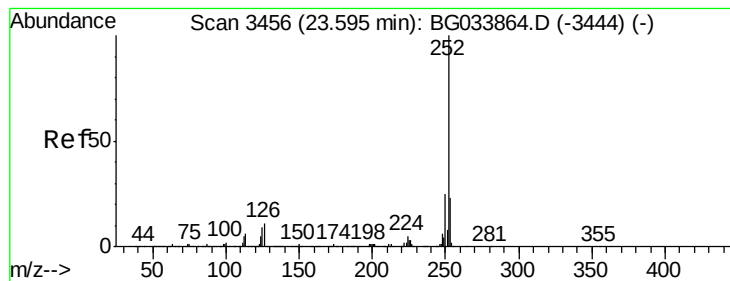
Sohil
 4/25/2018 4:25:50 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.53 min Scan# 3615
 Delta R.T. -0.03 min
 Lab File: BG033976.D
 Acq: 25 Apr 2018 6:14

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	17.4	26.0
265	21.8	17.7	26.5





#87

Benzo(b)fluoranthene

Concen: 42.556 ng

RT: 23.56 min Scan# 3451

Delta R.T. -0.03 min

Lab File: BG033976.D

Acq: 25 Apr 2018 6:14

Instrument :

BNA_G

ClientSampleId :

KS-RO-238MS

Tot Ion:252 Resp: 1584662

Ion Ratio Lower Upper

252 100

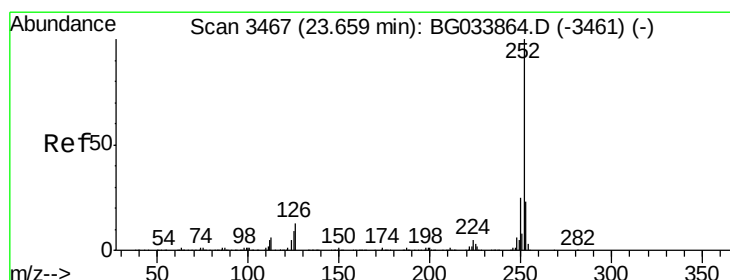
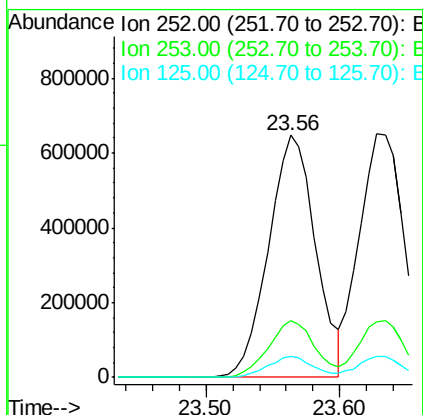
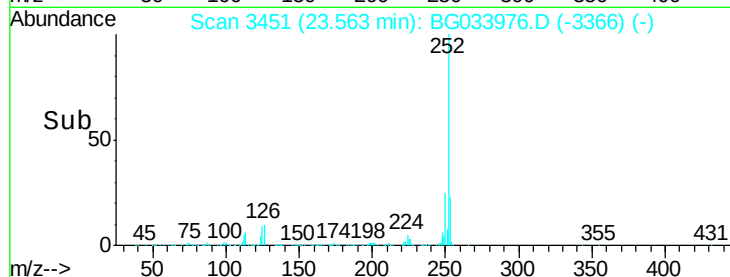
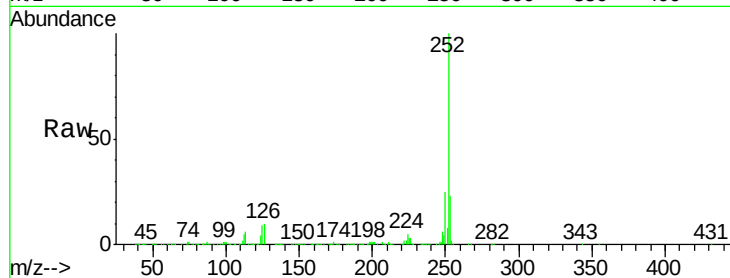
253 23.4 18.2 27.4

125 8.7 7.2 10.8

Manual Integrations
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4/25/2018 4:25:50 PM



#88

Benzo(k)fluoranthene

Concen: 40.542 ng

RT: 23.63 min Scan# 3462

Delta R.T. -0.03 min

Lab File: BG033976.D

Acq: 25 Apr 2018 6:14

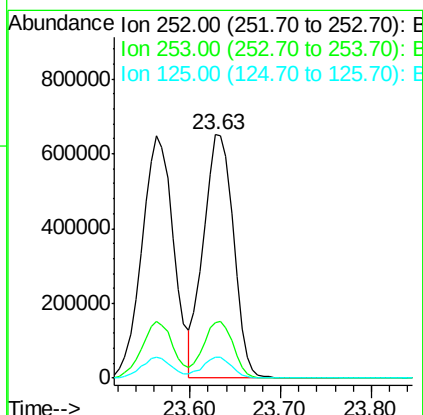
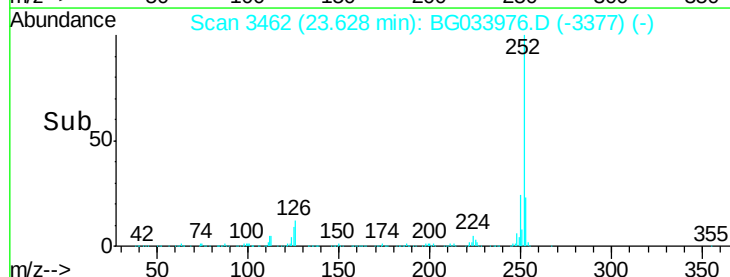
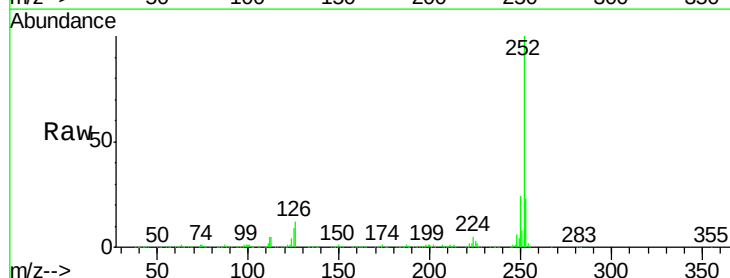
Tgt Ion:252 Resp: 1499598

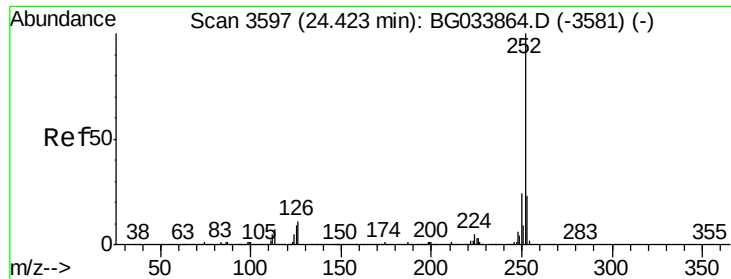
Ion Ratio Lower Upper

252 100

253 22.8 17.4 26.2

125 8.6 6.6 9.8





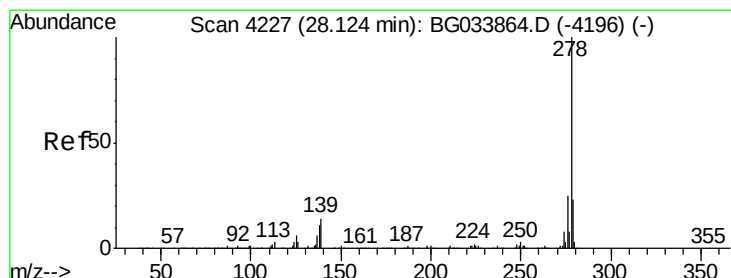
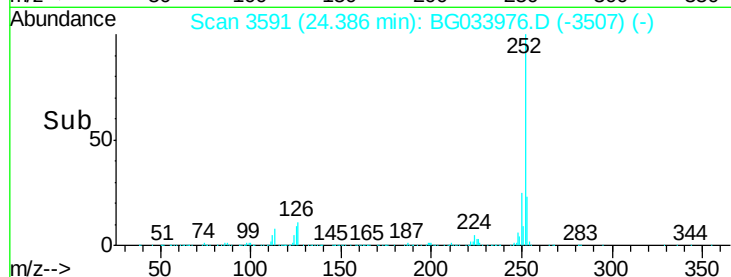
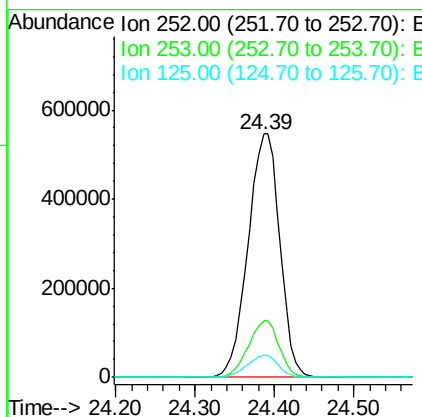
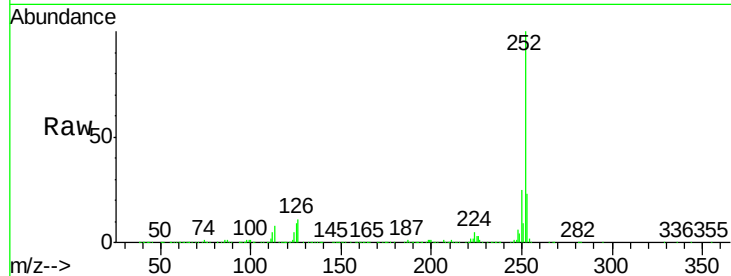
#89
Benzo(a)pyrene
Concen: 42.753 ng
RT: 24.39 min Scan# 3591
Delta R.T. -0.04 min
Lab File: BG033976.D
Acq: 25 Apr 2018 6:14

Instrument :
BNA_G
ClientSampleId :
KS-RO-238MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.3	27.5
125	9.1	7.3	10.9

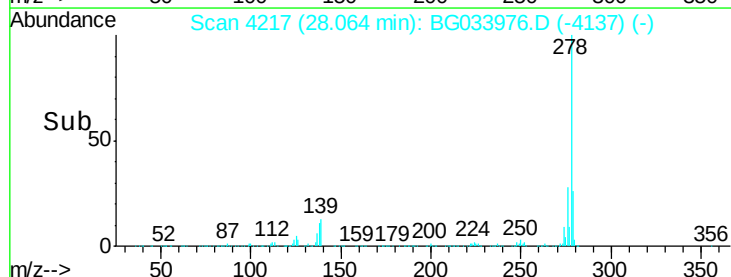
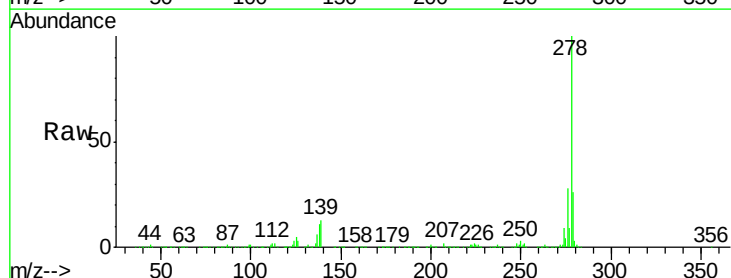
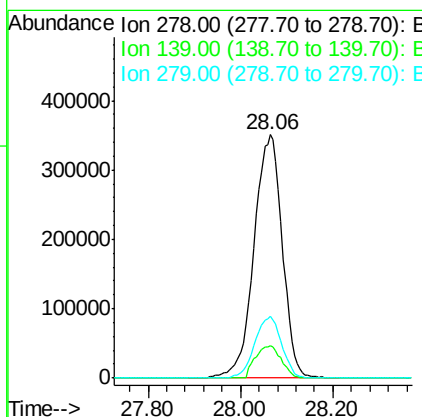
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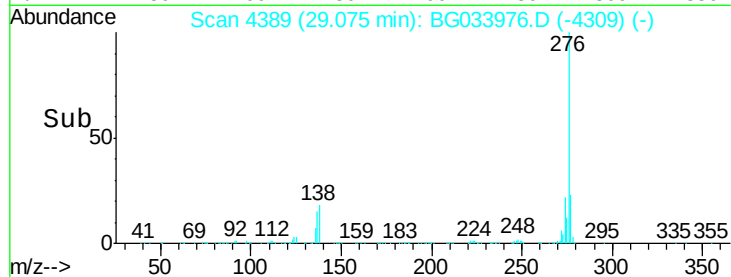
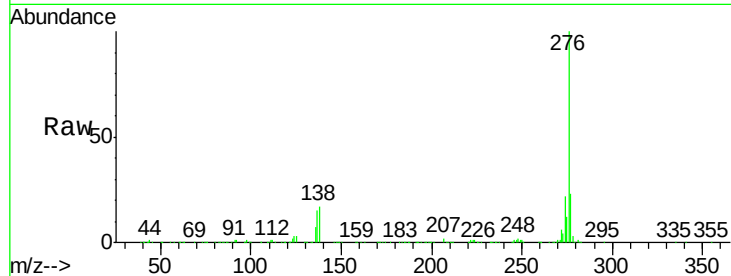
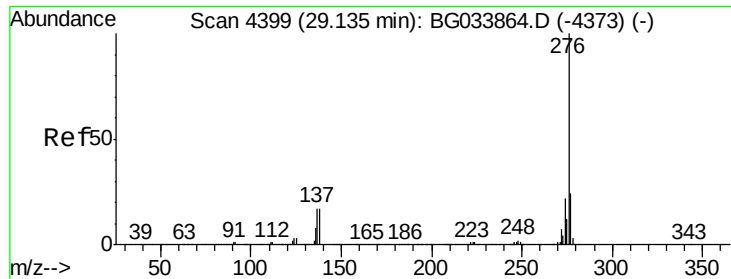
Sohil
4/25/2018 4:25:50 PM



#90
Dibenzo(a,h)anthracene
Concen: 43.165 ng
RT: 28.06 min Scan# 4217
Delta R.T. -0.06 min
Lab File: BG033976.D
Acq: 25 Apr 2018 6:14

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.3	9.8	14.6
279	25.6	18.4	27.6





#91

Benzo(a,h,i)perylene

Concen: 43.442 ng

RT: 29.07 min Scan# 4389

Delta R.T. -0.06 min

Lab File: BG033976.D

Acq: 25 Apr 2018 6:14

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.3	27.5
138	17.5	13.9	20.9

Instrument :

BNA_G

ClientSampleId :

KS-RO-238MS

Manual Integrations
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