

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042418\
 Data File : BG033977.D
 Acq On : 25 Apr 2018 6:51
 Operator : SJ/JU
 Sample : J2504-03MSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 KS-RO-238MSD

Manual Integrations
 APPROVED

Sohil
 4/25/2018 4:25:52 PM

Quant Time: Apr 25 12:06:32 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	88103	20.00	ng	0.00
21) Naphthalene-d8	10.61	136	362239	20.00	ng	-0.01
38) Acenaphthene-d10	14.46	164	229496	20.00	ng	-0.01
63) Phenanthrene-d10	17.21	188	563967	20.00	ng	-0.01
75) Chrysene-d12	21.47	240	607346	20.00	ng	-0.02
86) Perylene-d12	24.53	264	639518	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	709597	128.59	ng	0.00
7) Phenol-d6	7.01	99	868259	107.87	ng	0.00
23) Nitrobenzene-d5	8.98	82	634845	99.74	ng	0.00
41) 2,4,6-Tribromophenol	15.96	330	421343	157.37	ng	-0.01
44) 2-Fluorobiphenyl	13.08	172	1455414	93.16	ng	-0.02
78) Terphenyl-d14	19.85	244	2315837	85.66	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.44	88	93094	39.923	ng	87
3) Pyridine	3.82	79	212115	31.440	ng	90
4) n-Nitrosodimethylamine	3.73	42	133873	43.554	ng	# 90
6) Aniline	7.17	93	172051	15.991	ng	98
8) 2-Chlorophenol	7.40	128	278885	45.102	ng	95
9) Benzaldehyde	6.98	77	93964	18.867	ng	96
10) Phenol	7.03	94	307997	37.353	ng	99
11) bis(2-Chloroethyl)ether	7.27	93	270032	42.819	ng	91
12) 1,3-Dichlorobenzene	7.72	146	309188	43.437	ng	98
13) 1,4-Dichlorobenzene	7.86	146	308774	42.828	ng	98
14) 1,2-Dichlorobenzene	8.18	146	296779	42.330	ng	96
15) Benzyl Alcohol	8.07	79	272434	38.816	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.36	45	440886	35.844	ng	96
17) 2-Methylphenol	8.27	107	232974	38.128	ng	95
18) Hexachloroethane	8.90	117	113047	42.910	ng	99
19) n-Nitroso-di-n-propylamine	8.63	70	237656	34.639	ng	98
20) 3+4-Methylphenols	8.59	107	321125	36.169	ng	97
22) Acetophenone	8.65	105	426620	43.272	ng	# 96
24) Nitrobenzene	9.02	77	329022	47.436	ng	95
25) Isophorone	9.54	82	612319	42.788	ng	# 94
26) 2-Nitrophenol	9.73	139	155372	56.692	ng	97
27) 2,4-Dimethylphenol	9.79	122	272335	53.126	ng	94
28) bis(2-Chloroethoxy)methane	10.03	93	362593	47.942	ng	96
29) 2,4-Dichlorophenol	10.26	162	292811	51.240	ng	92
30) 1,2,4-Trichlorobenzene	10.47	180	309588	48.370	ng	99
31) Naphthalene	10.66	128	850150	45.639	ng	98
32) Benzoic acid	9.92	122	139065	29.420	ng	95
33) 4-Chloroaniline	10.77	127	55348	6.321	ng	95
34) Hexachlorobutadiene	10.95	225	196820	51.404	ng	96
35) Caprolactam	11.55	113	83670m	34.438	ng	
36) 4-Chloro-3-methylphenol	11.90	107	304318	43.632	ng	# 87
37) 2-Methylnaphthalene	12.28	142	632142	44.324	ng	94
39) 1,2,4,5-Tetrachlorobenzene	12.65	216	372072	48.824	ng	98
40) Hexachlorocyclopentadiene	12.63	237	447611	106.824	ng	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.88	196	244200	52.558	nq	96
43) 2,4,5-Trichlorophenol	12.96	196	272545	51.023	nq	97
45) 1,1'-Biphenyl	13.29	154	837744	45.094	nq	97
46) 2-Chloronaphthalene	13.33	162	643476	45.681	nq	98
47) 2-Nitroaniline	13.53	65	215357	48.965	nq	88
48) Acenaphthylene	14.18	152	1010598	43.161	nq	98
49) Dimethylphthalate	13.93	163	855677	42.386	nq	98
50) 2,6-Dinitrotoluene	14.04	165	199096	52.041	nq	85
51) Acenaphthene	14.53	154	633451	43.065	nq	97
52) 3-Nitroaniline	14.36	138	79468	19.130	nq	# 86
53) 2,4-Dinitrophenol	14.57	184	96580	70.590	nq	# 57
54) Dibenzofuran	14.86	168	990645	45.428	nq	96
55) 4-Nitrophenol	14.67	139	318580	97.782	nq	86
56) 2,4-Dinitrotoluene	14.83	165	279443	54.929	nq	# 81
57) Fluorene	15.51	166	827704	43.862	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.09	232	269293	55.060	nq	95
59) Diethylphthalate	15.30	149	884812	41.466	nq	98
60) 4-Chlorophenyl-phenylether	15.51	204	453975	45.994	nq	97
61) 4-Nitroaniline	15.54	138	209020	47.389	nq	92
62) Azobenzene	15.80	77	769012	40.429	nq	99
64) 4,6-Dinitro-2-methylphenol	15.59	198	99804	38.272	nq	86
65) n-Nitrosodiphenylamine	15.73	169	729400	44.486	nq	97
66) 4-Bromophenyl-phenylether	16.41	248	295153	47.655	nq	97
67) Hexachlorobenzene	16.51	284	305244	46.213	nq	98
68) Atrazine	16.68	200	302264	47.057	nq	98
69) Pentachlorophenol	16.86	266	354072	78.041	nq	# 57
70) Phenanthrene	17.25	178	1333938	44.090	nq	96
71) Anthracene	17.35	178	1365541	45.133	nq	97
72) Carbazole	17.62	167	1284307	44.000	nq	96
73) Di-n-butylphthalate	18.19	149	1509885	41.581	nq	98
74) Fluoranthene	19.27	202	1664400	45.479	nq	95
76) Benzidine	19.46	184	80496	4.908	nq	# 94
77) Pyrene	19.64	202	1670445	41.933	nq	94
79) Butylbenzylphthalate	20.55	149	745975	42.642	nq	91
80) Benzo(a)anthracene	21.45	228	1723778	45.010	nq	95
81) 3,3'-Dichlorobenzidine	21.38	252	331325	23.202	nq	100
82) Chrysene	21.52	228	1633133	44.656	nq	94
83) Bis(2-ethylhexyl)phthalate	21.40	149	1045053	42.300	nq	99
84) Di-n-octyl phthalate	22.56	149	1776606	45.305	nq	99
85) Indeno(1,2,3-cd)pyrene	27.99	276	2074226	49.826	nq	95
87) Benzo(b)fluoranthene	23.56	252	1809975	46.393	nq	98
88) Benzo(k)fluoranthene	23.63	252	1727917	44.587	nq	97
89) Benzo(a)pyrene	24.39	252	1761408	47.142	nq	99
90) Dibenzo(a,h)anthracene	28.06	278	1727306	47.776	nq	96
91) Benzo(g,h,i)perylene	29.07	276	1711411	48.106	nq	97

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

```

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Misc      :
ALS Vial  : 26    Sample Multiplier: 1

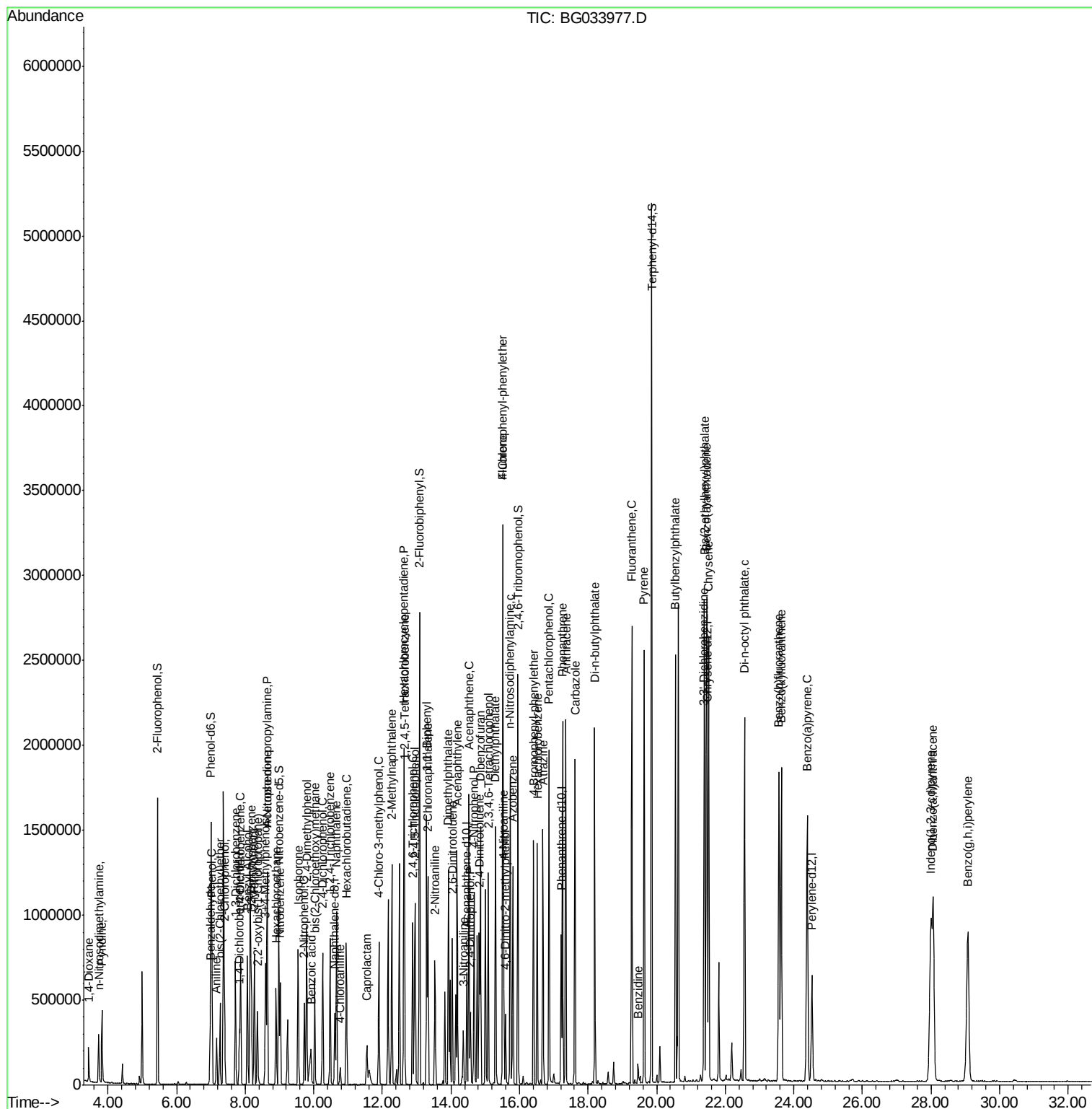
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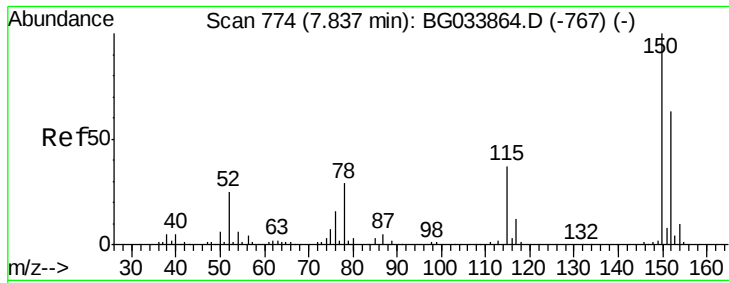
Instrument :
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#1

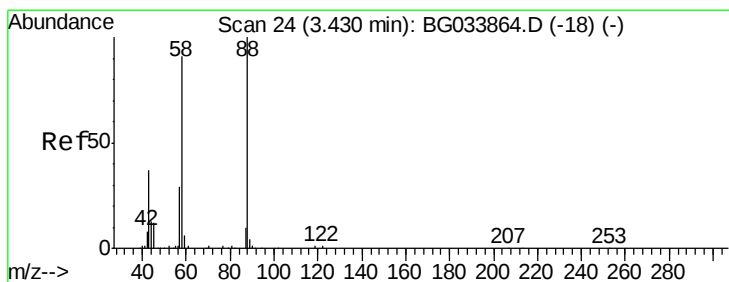
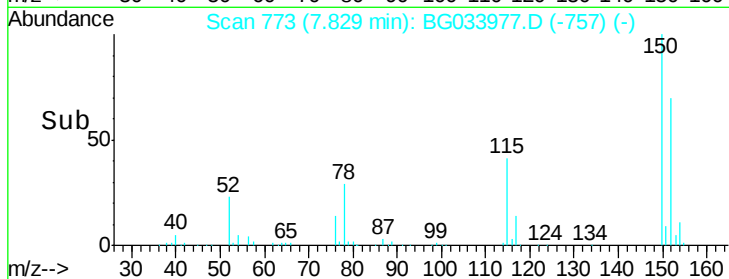
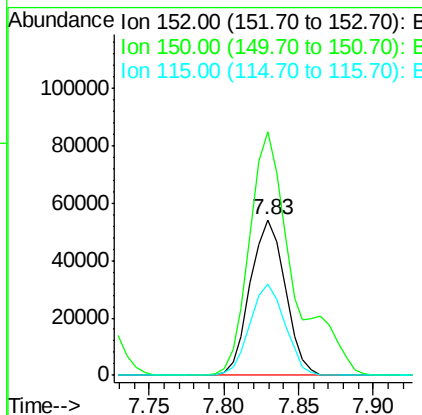
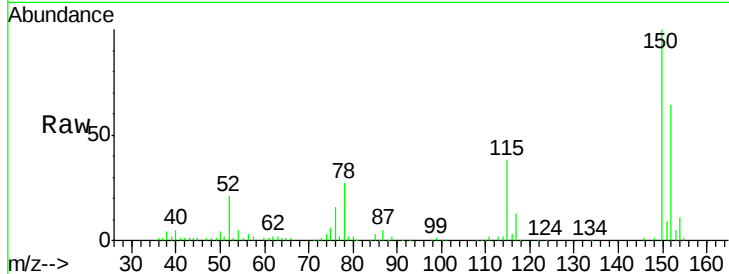
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.83 min Scan# 773
Delta R.T. -0.01 min
Lab File: BG033977.D
Acq: 25 Apr 2018 6:51

Instrument :
BNA_G
ClientSampleId :
KS-RO-238MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	126.6	189.8
115	58.8	53.0	79.4

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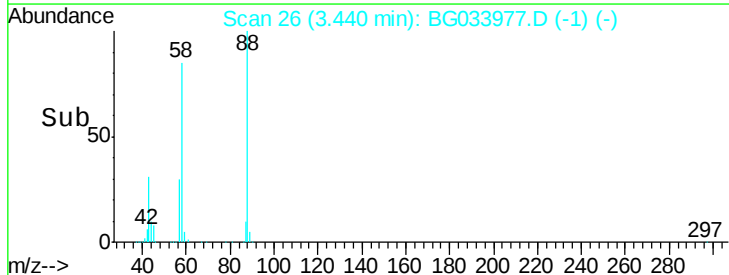
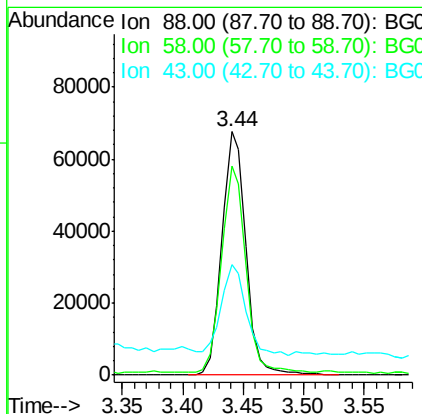
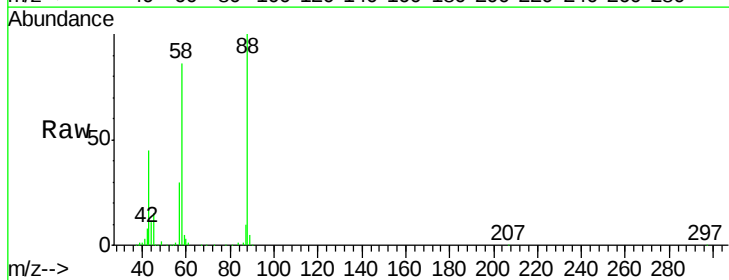
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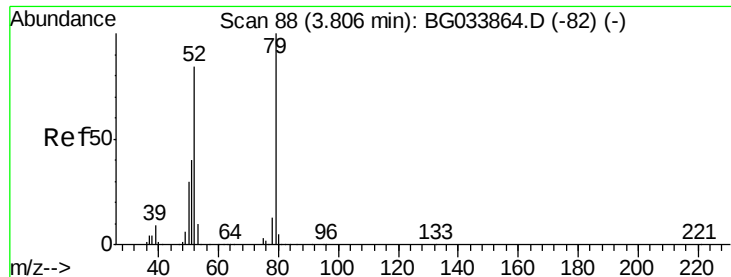


#2

1,4-Dioxane
Concen: 39.923 ng
RT: 3.44 min Scan# 26
Delta R.T. 0.01 min
Lab File: BG033977.D
Acq: 25 Apr 2018 6:51

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.7	79.6	119.4
43	39.1	27.4	41.0





#3

Pvridine

Concen: 31.440 ng

RT: 3.82 min Scan# 91

Delta R.T. 0.02 min

Lab File: BG033977.D

Acq: 25 Apr 2018 6:51

Instrument :

BNA_G

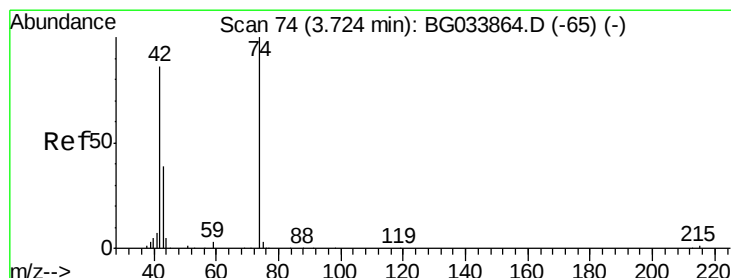
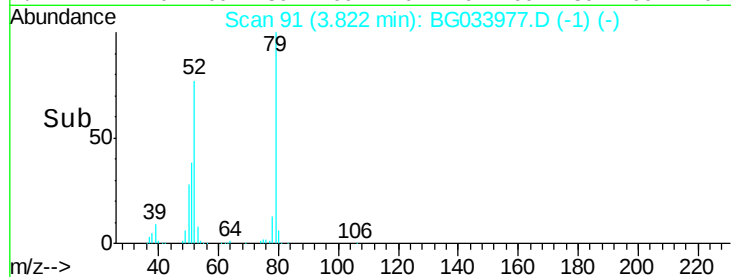
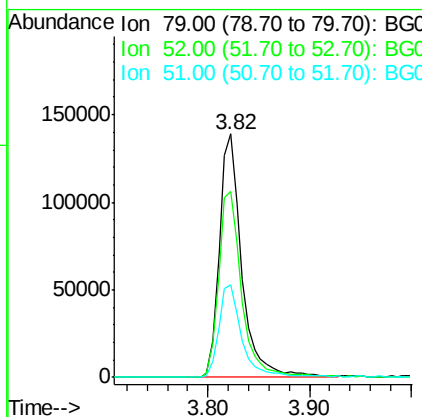
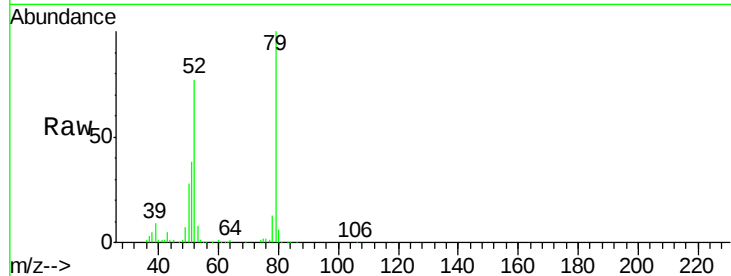
ClientSampleId :

KS-RO-238MSD

Tot Ion:	79	Resp:	212115
Ion Ratio		Lower	Upper
79	100		
52	76.6	69.9	104.9
51	38.0	34.0	51.0

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 43.554 ng

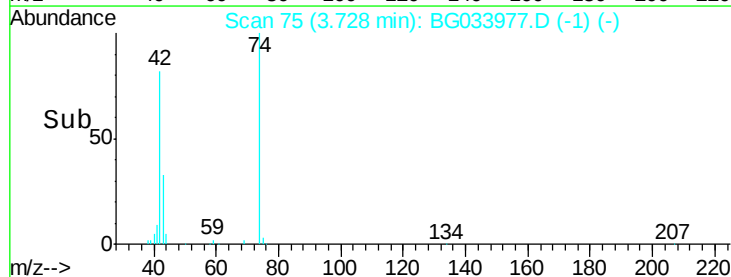
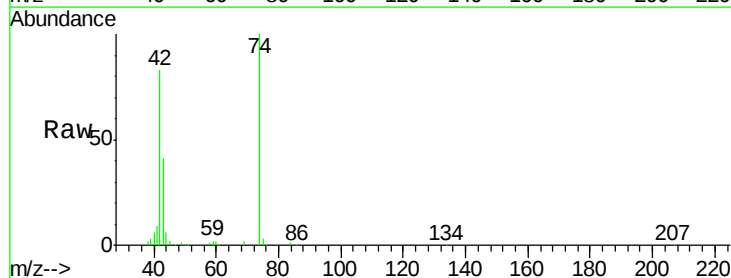
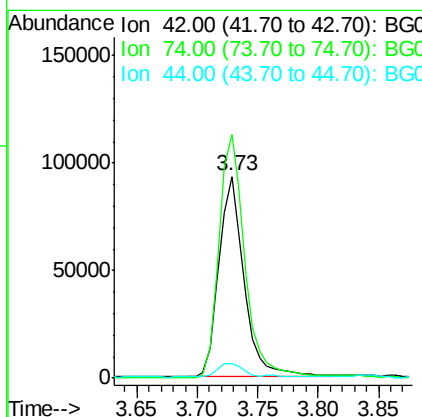
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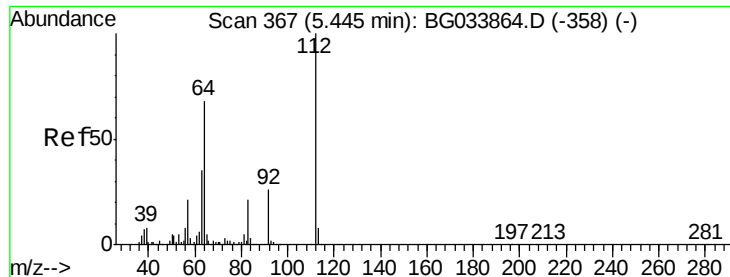
Delta R.T. 0.00 min

Lab File: BG033977.D

Acq: 25 Apr 2018 6:51

Tgt Ion:	42	Resp:	133873
Ion Ratio		Lower	Upper
42	100		
74	120.9	102.5	153.7
44	7.5	18.9	28.3





#5

2-Fluorophenol

Concen: 128.588 ng

RT: 5.44 min Scan# 367

Delta R.T. -0.00 min

Lab File: BG033977.D

Acq: 25 Apr 2018 6:51

Instrument :

BNA_G

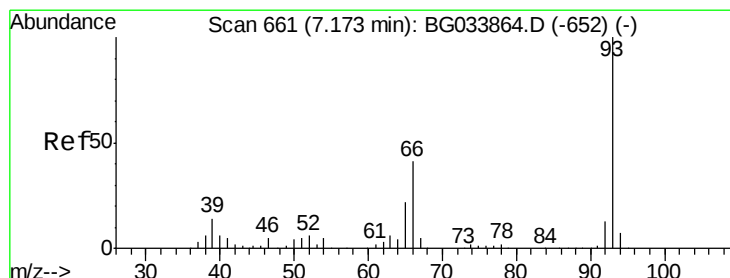
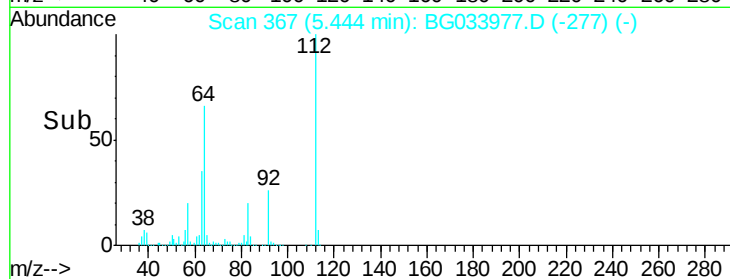
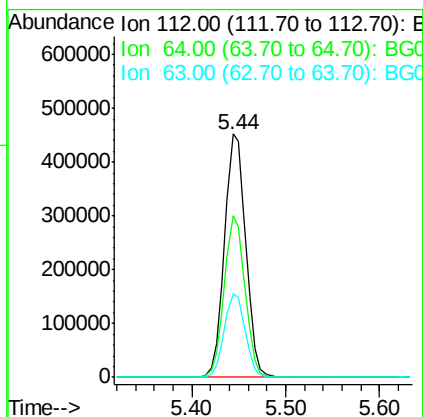
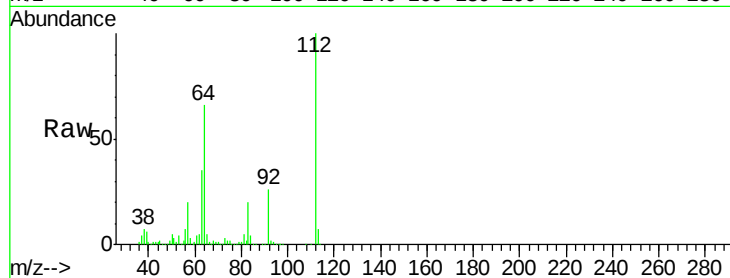
ClientSampleId :

KS-RO-238MSD

Tot Ion:	112	Resp:	709597
Ion Ratio	Lower	Upper	
112	100		
64	66.3	56.3	84.5
63	34.6	30.1	45.1

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#6

Aniline

Concen: 15.991 ng

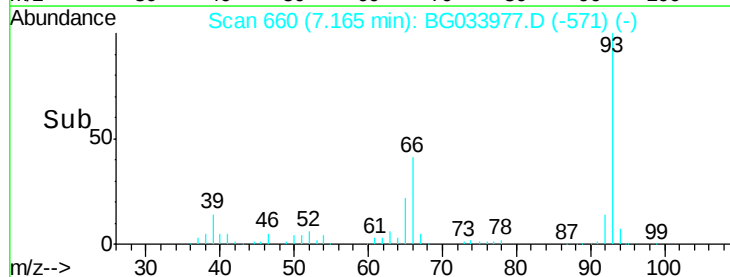
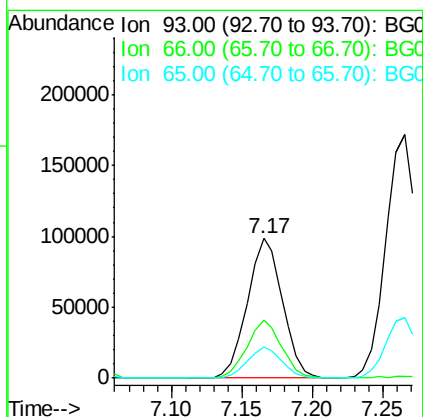
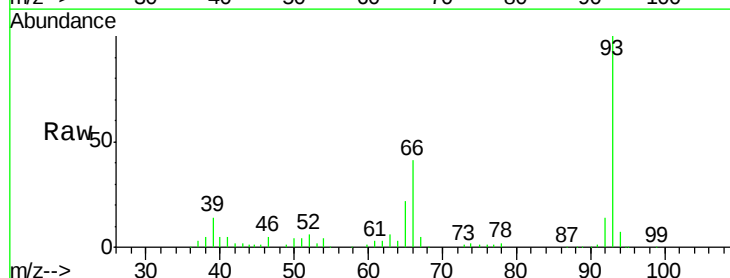
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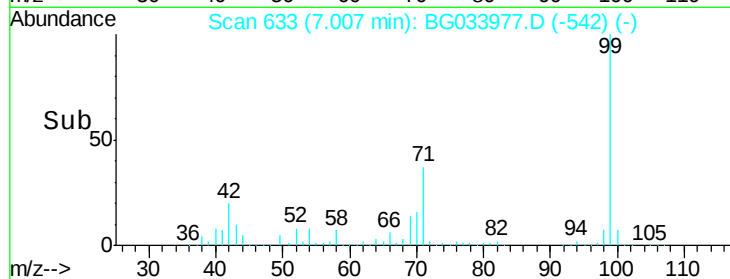
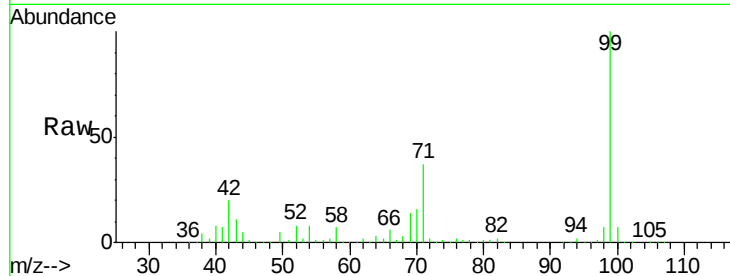
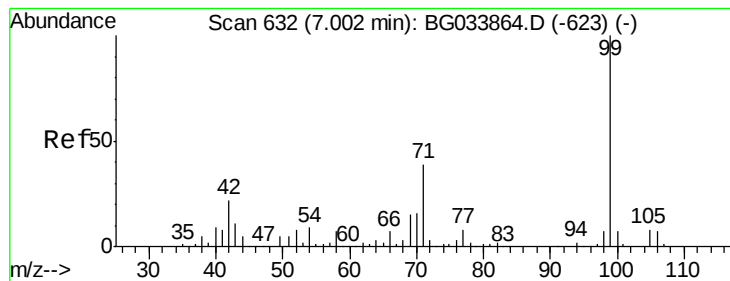
Delta R.T. -0.01 min

Lab File: BG033977.D

Acq: 25 Apr 2018 6:51

Tgt Ion:	93	Resp:	172051
Ion Ratio	Lower	Upper	
93	100		
66	41.4	33.7	50.5
65	22.3	16.1	24.1





#7

Phenol-d6

Concen: 107.873 ng

RT: 7.01 min Scan# 633

Delta R.T. 0.00 min

Lab File: BG033977.D

Acq: 25 Apr 2018 6:51

Tot Ion:	99	Resp:	868259
Ion Ratio	Lower	Upper	
99	100		
42	20.3	14.1	21.1
71	37.4	26.1	39.1

Instrument :

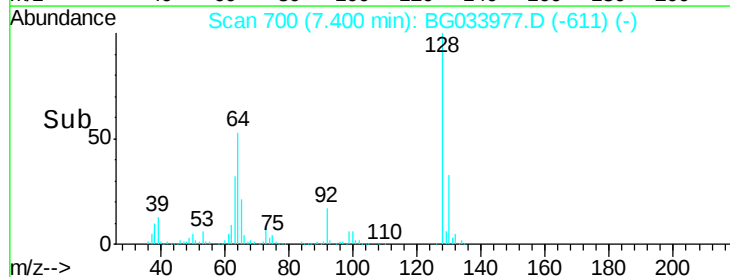
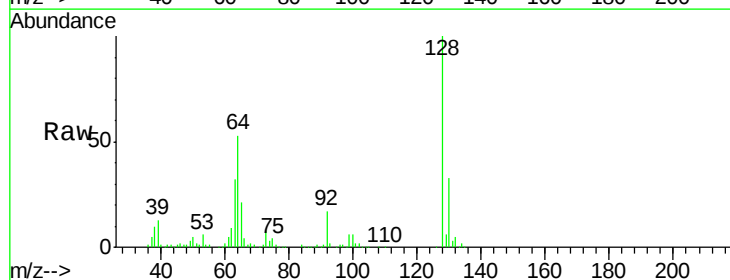
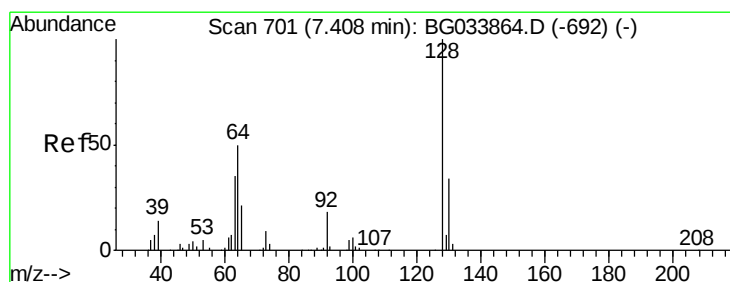
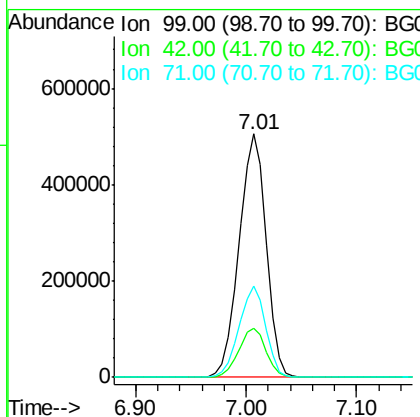
BNA_G

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KS-RO-238MSD

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#8

2-Chlorophenol

Concen: 45.102 ng

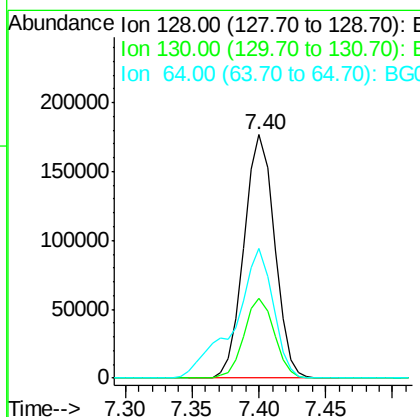
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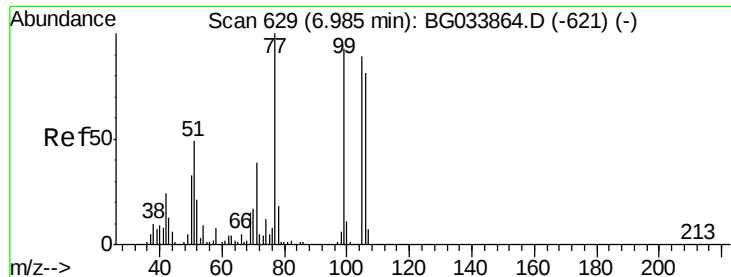
Delta R.T. -0.01 min

Lab File: BG033977.D

Acq: 25 Apr 2018 6:51

Tgt Ion:	128	Resp:	278885
Ion Ratio	Lower	Upper	
128	100		
130	32.8	14.0	54.0
64	53.0	37.7	77.7





#9

Benzaldehyde

Concen: 18.867 ng

RT: 6.98 min Scan# 628

Delta R.T. -0.01 min

Lab File: BG033977.D

Acq: 25 Apr 2018 6:51

Instrument :

BNA_G

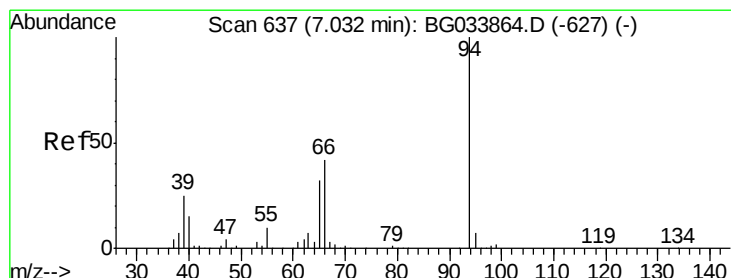
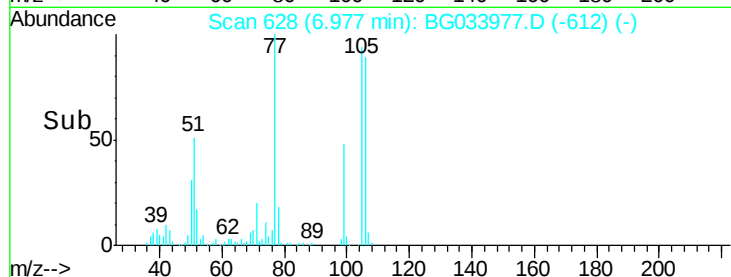
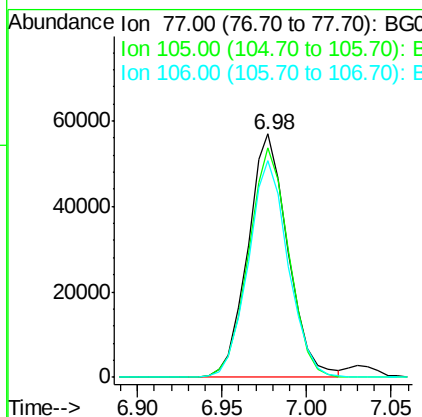
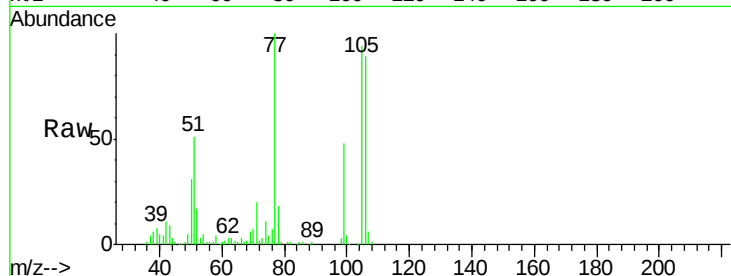
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Tot Ion:	77	Resp:	93964
Ion	Ratio	Lower	Upper
77	100		
105	94.3	71.3	111.3
106	88.9	64.2	104.2

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#10

Phenol

Concen: 37.353 ng

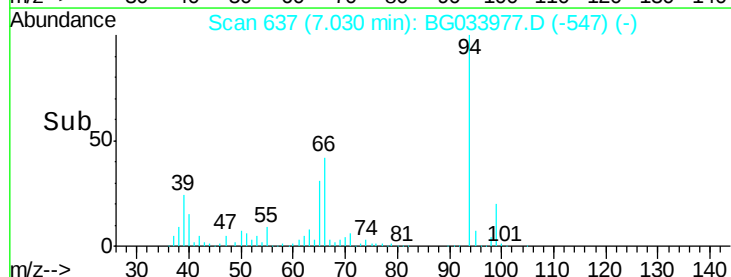
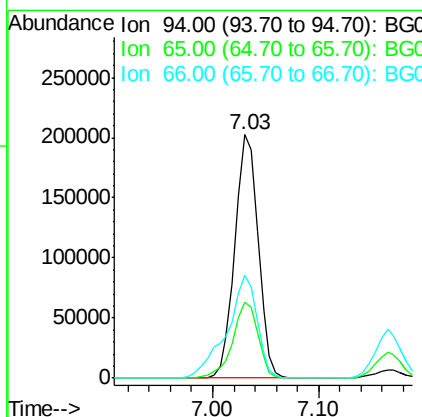
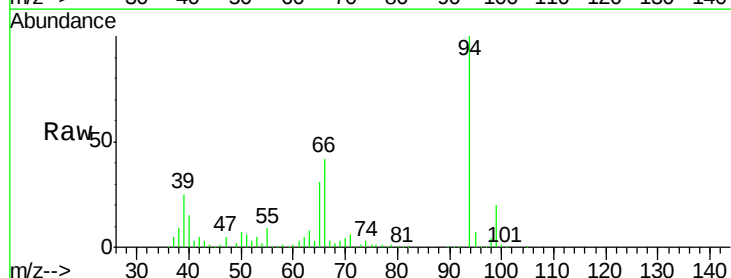
RT: 7.03 min Scan# 637

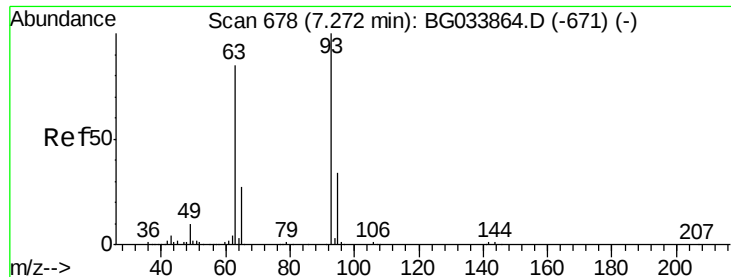
Delta R.T. -0.00 min

Lab File: BG033977.D

Acq: 25 Apr 2018 6:51

Tgt Ion:	94	Resp:	307997
Ion	Ratio	Lower	Upper
94	100		
65	31.1	11.9	51.9
66	42.5	22.2	62.2





#11

bis(2-Chloroethyl)ether

Concen: 42.819 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG033977.D

Acq: 25 Apr 2018 6:51

Instrument :

BNA_G

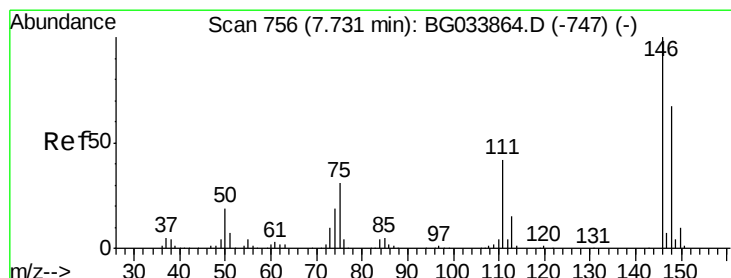
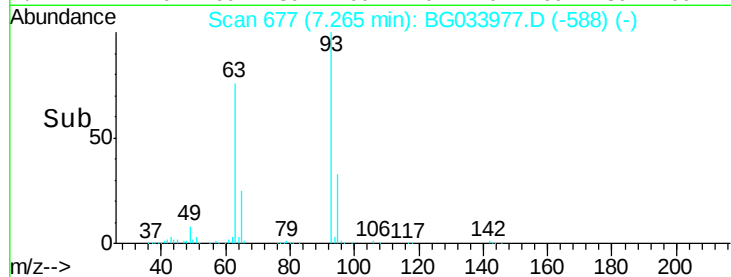
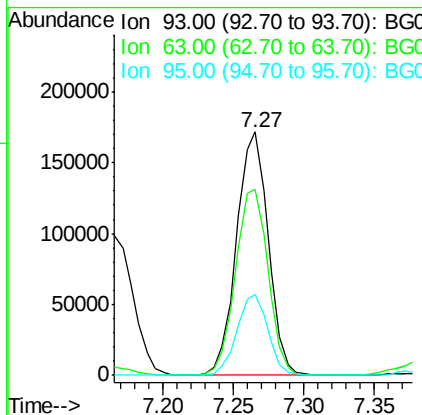
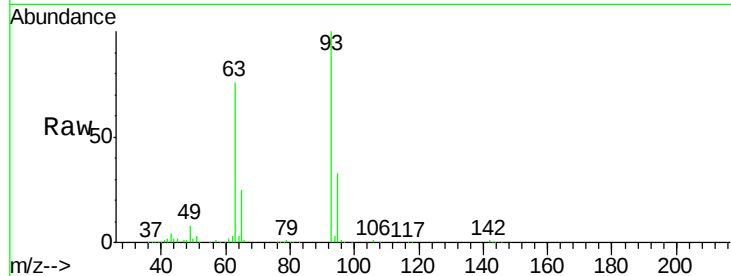
ClientSampleId :

KS-RO-238MSD

Tot Ion:	93	Resp:	270032
Ion Ratio	Lower	Upper	
93	100		
63	76.4	67.1	107.1
95	33.3	11.5	51.5

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#12

1,3-Dichlorobenzene

Concen: 43.437 ng

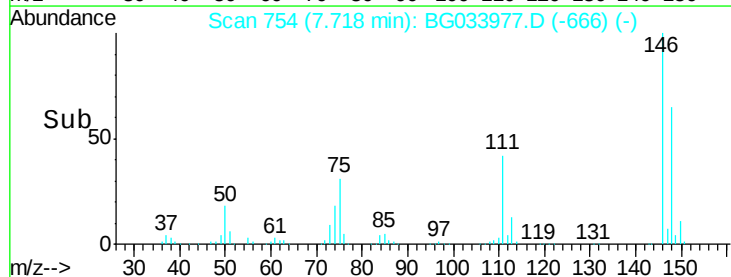
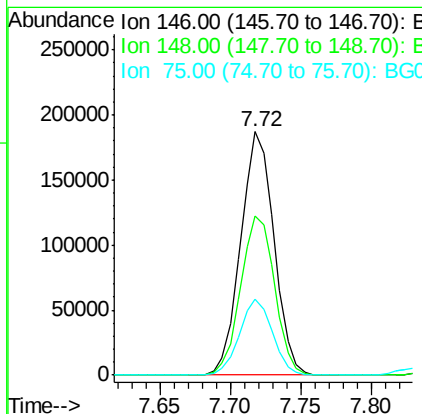
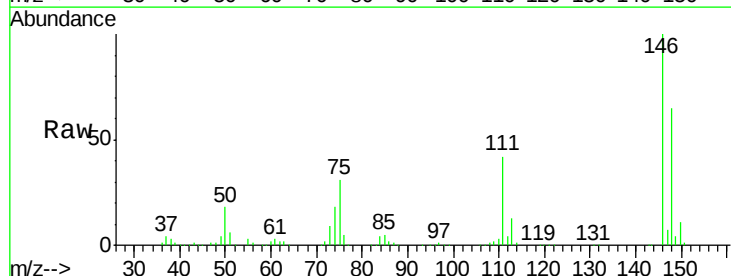
RT: 7.72 min Scan# 754

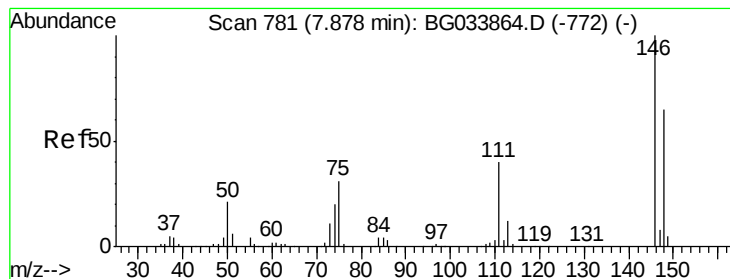
Delta R.T. -0.01 min

Lab File: BG033977.D

Acq: 25 Apr 2018 6:51

Tgt Ion:	146	Resp:	309188
Ion Ratio	Lower	Upper	
146	100		
148	65.5	51.4	77.2
75	31.0	26.6	39.8





#13

1,4-Dichlorobenzene

Concen: 42.828 ng

RT: 7.86 min Scan# 779

Delta R.T. -0.01 min

Lab File: BG033977.D

Acq: 25 Apr 2018 6:51

Instrument :

BNA_G

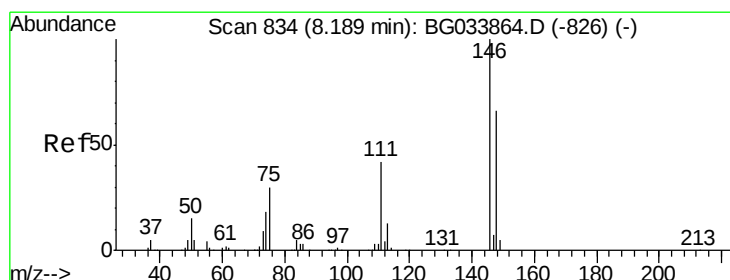
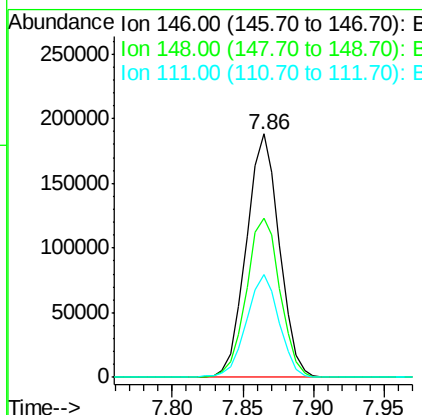
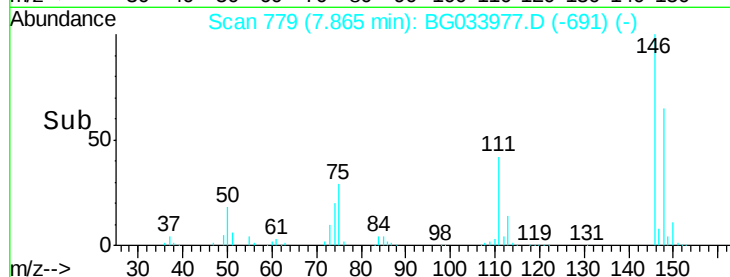
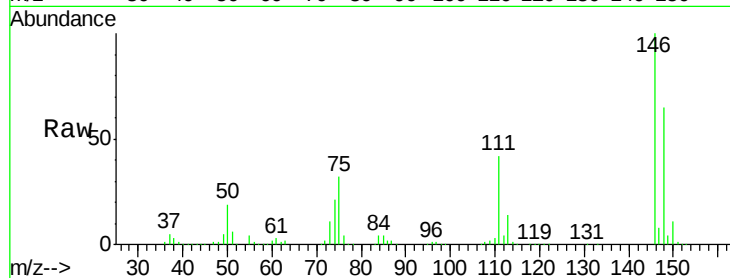
ClientSampleID :

KS-RO-238MSD

Tot Ion:	146	Resp:	308774
Ion Ratio	Lower	Upper	
146	100		
148	65.4	53.7	80.5
111	42.1	35.2	52.8

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#14

1,2-Dichlorobenzene

Concen: 42.330 ng

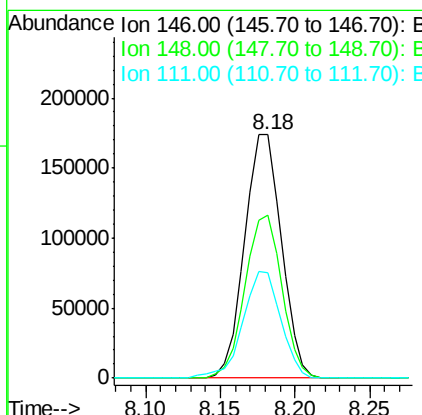
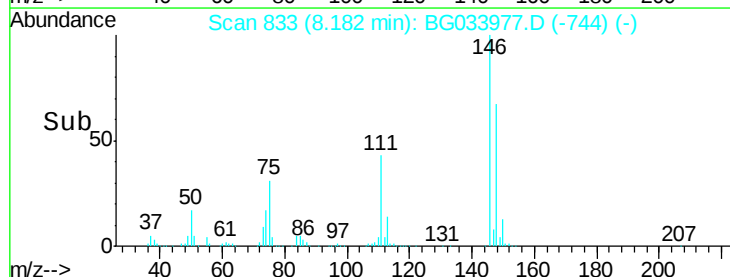
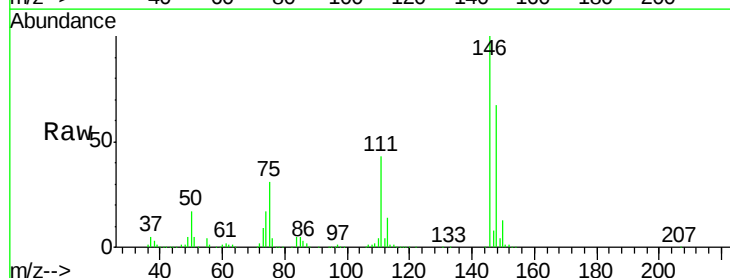
RT: 8.18 min Scan# 833

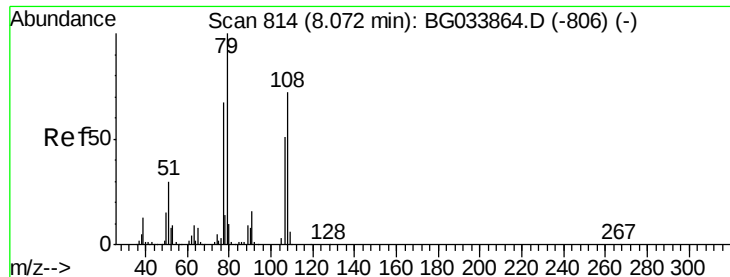
Delta R.T. -0.01 min

Lab File: BG033977.D

Acq: 25 Apr 2018 6:51

Tgt Ion:	146	Resp:	296779
Ion Ratio	Lower	Upper	
146	100		
148	66.8	49.3	73.9
111	43.4	34.3	51.5





#15

Benzyl Alcohol

Concen: 38.816 ng

RT: 8.07 min Scan# 814

Delta R.T. -0.00 min

Lab File: BG033977.D

Acq: 25 Apr 2018 6:51

Instrument :

BNA_G

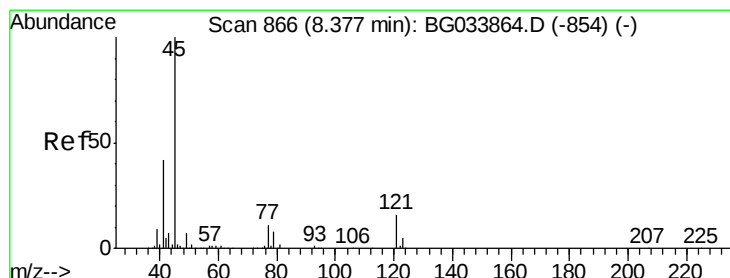
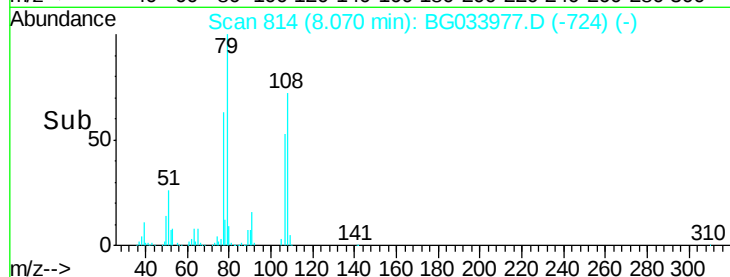
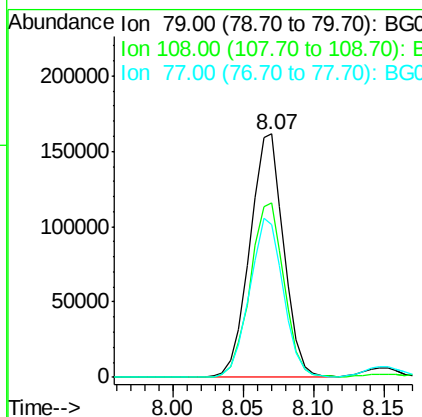
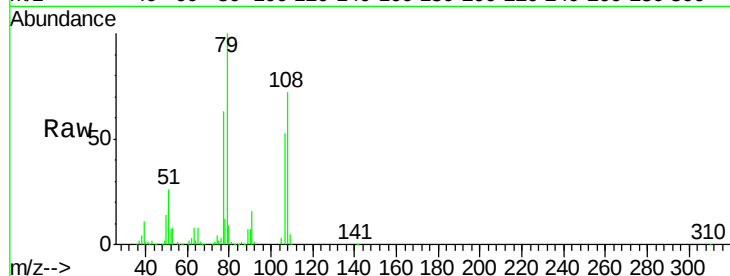
ClientSampleId :

KS-RO-238MSD

Tot Ion:	79	Resp:	272434
Ion Ratio	Lower	Upper	
79	100		
108	71.9	57.2	85.8
77	62.5	46.1	69.1

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#16

2,2'-oxybis(1-chloropropane)

Concen: 35.844 ng

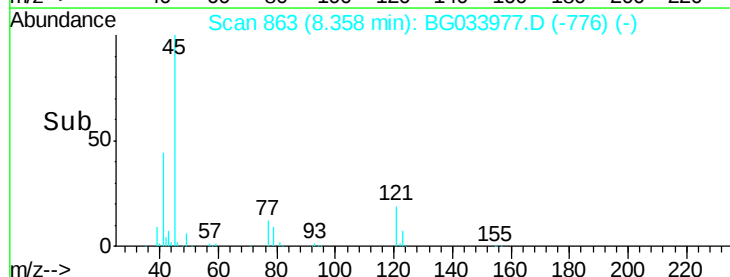
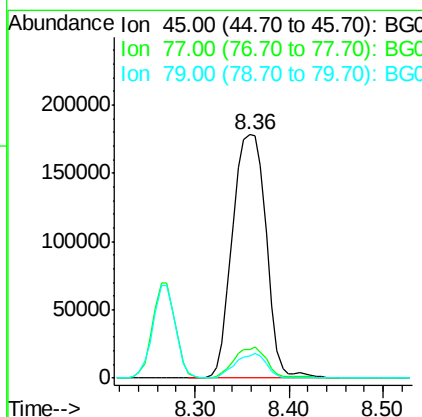
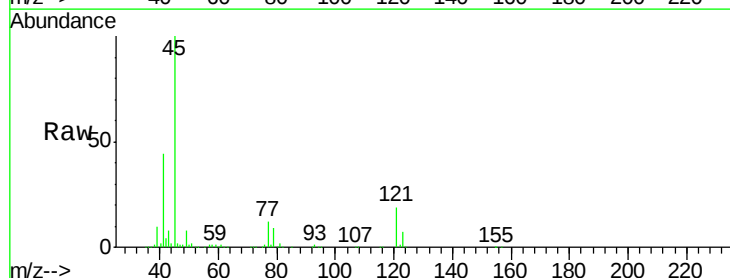
RT: 8.36 min Scan# 863

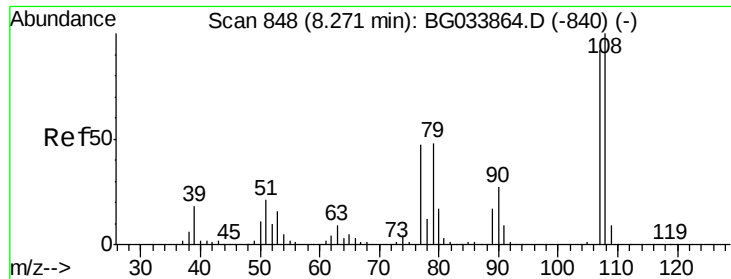
Delta R.T. -0.02 min

Lab File: BG033977.D

Acq: 25 Apr 2018 6:51

Tgt Ion:	45	Resp:	440886
Ion Ratio	Lower	Upper	
45	100		
77	12.0	0.0	30.2
79	9.0	0.0	27.9





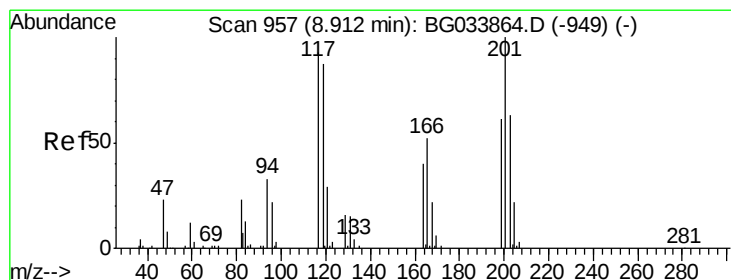
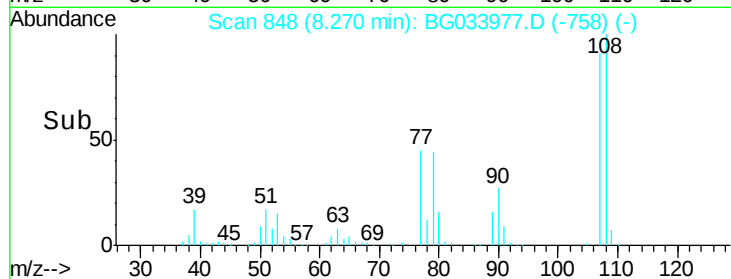
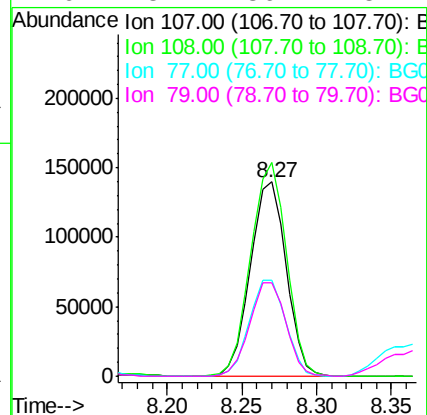
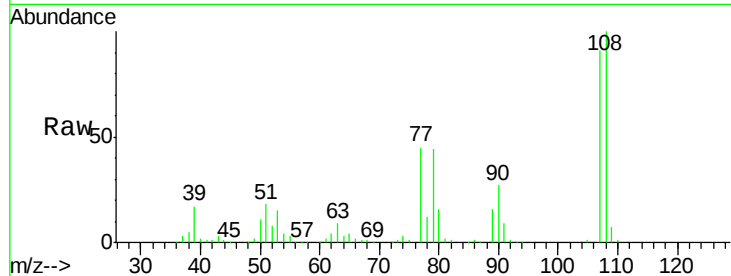
#17
2-Methylphenol
Concen: 38.128 ng
RT: 8.27 min Scan# 848
Delta R.T. -0.00 min
Lab File: BG033977.D
Acq: 25 Apr 2018 6:51

Instrument :
BNA_G
ClientSampleId :
KS-RO-238MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	232974		
108	109.8	83.9	125.9	
77	49.6	37.2	55.8	
79	48.4	36.2	54.2	

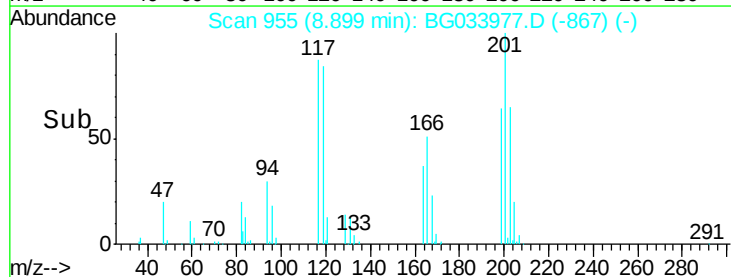
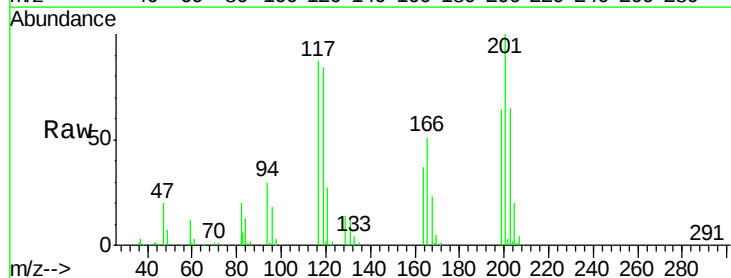
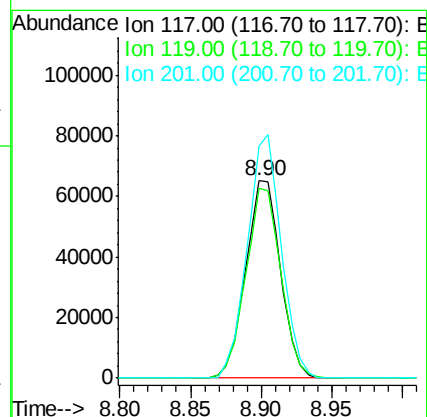
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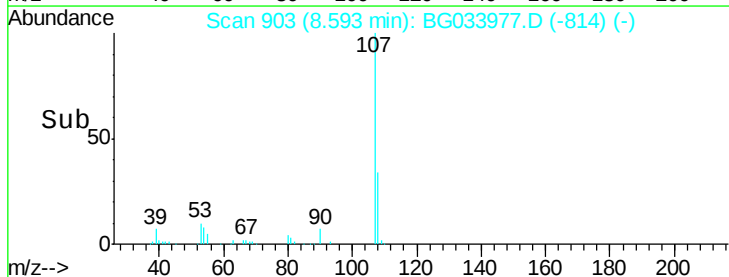
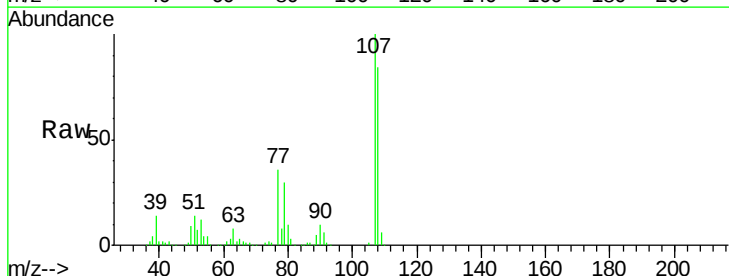
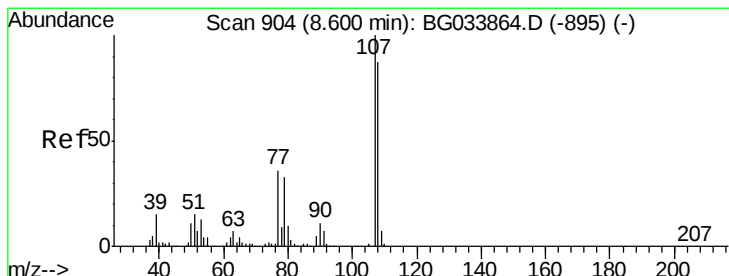
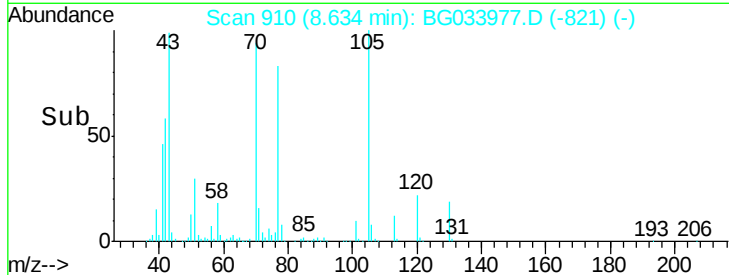
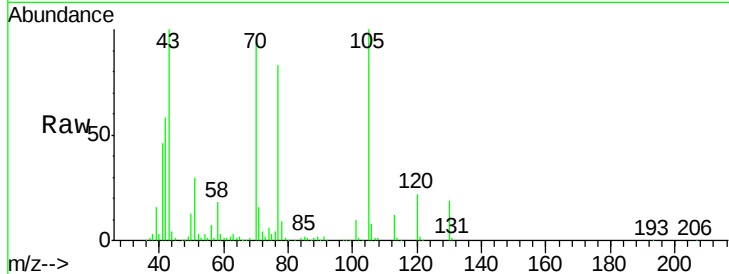
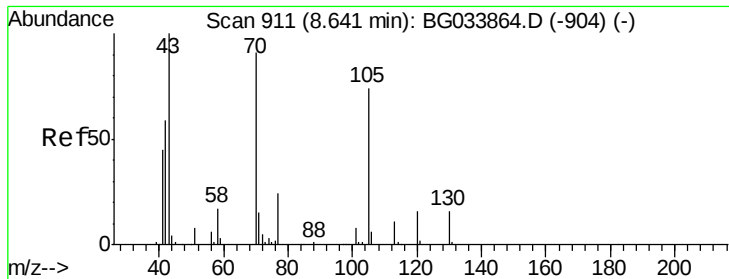
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#18
Hexachloroethane
Concen: 42.910 ng
RT: 8.90 min Scan# 955
Delta R.T. -0.01 min
Lab File: BG033977.D
Acq: 25 Apr 2018 6:51

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	113047		
119	96.4	76.7	115.1	
201	118.0	95.7	143.5	





#19

n-Nitroso-di-n-propylamine

Concen: 34.639 ng

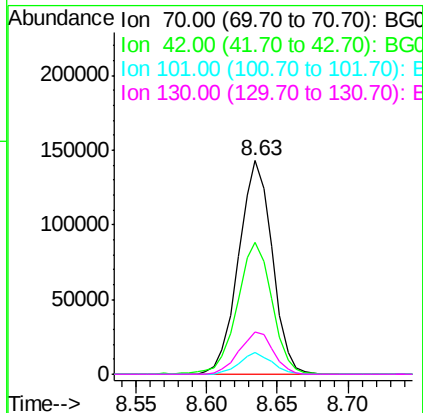
RT: 8.63 min Scan# 910

Delta R.T. -0.01 min

Lab File: BG033977.D

Acq: 25 Apr 2018 6:51

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	61.5	49.1	73.7		
101	10.2	8.5	12.7		
130	19.9	13.4	20.0		



Instrument :

BNA_G

ClientSampleId :

KS-RO-238MSD

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#20

3+4-Methylphenols

Concen: 36.169 ng

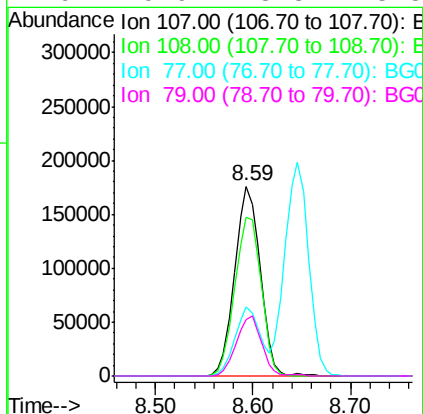
RT: 8.59 min Scan# 903

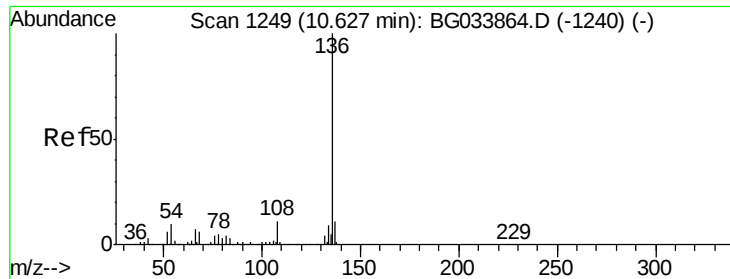
Delta R.T. -0.01 min

Lab File: BG033977.D

Acq: 25 Apr 2018 6:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	83.6	61.6	101.6		
77	36.1	13.9	53.9		
79	29.9	8.8	48.8		





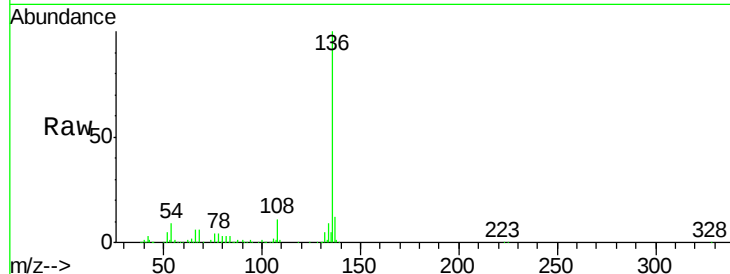
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.61 min Scan# 1247
Delta R.T. -0.01 min
Lab File: BG033977.D
Acq: 25 Apr 2018 6:51

Instrument :
BNA_G
ClientSampleId :
KS-RO-238MSD

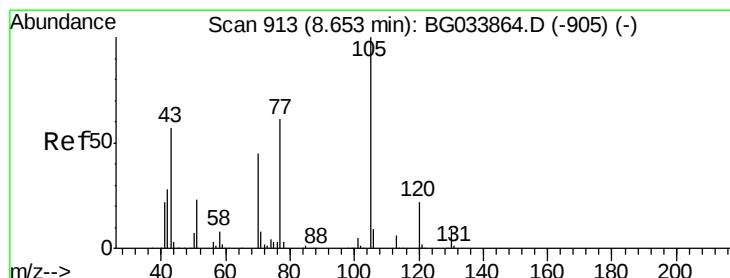
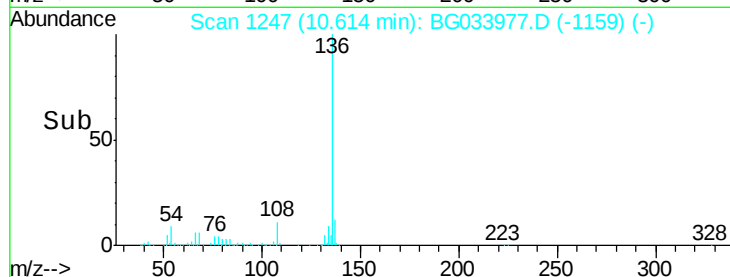
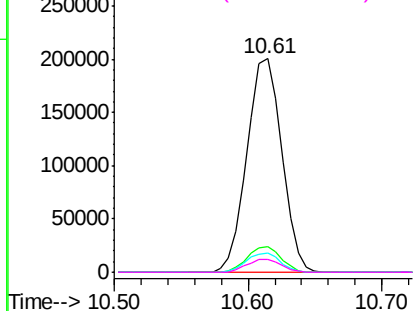
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	12.2	9.2	13.8	
54	8.7	10.3	15.5	
68	5.8	4.5	6.7	

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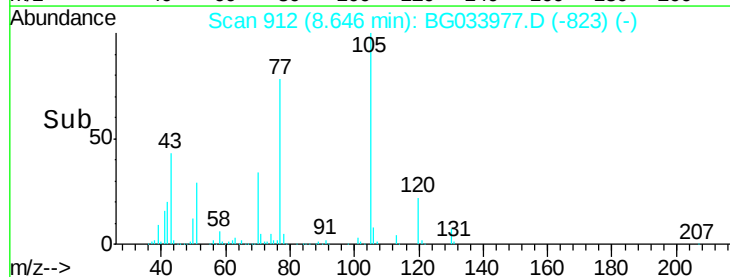
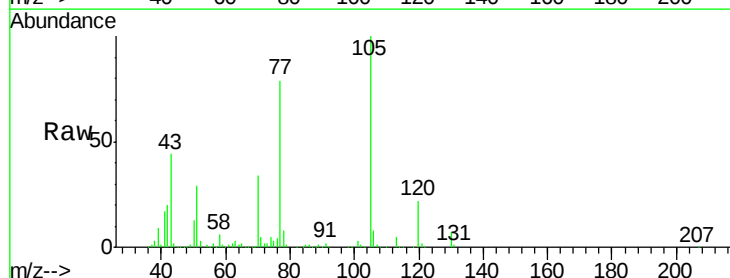
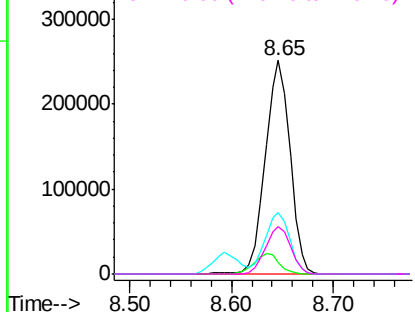
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

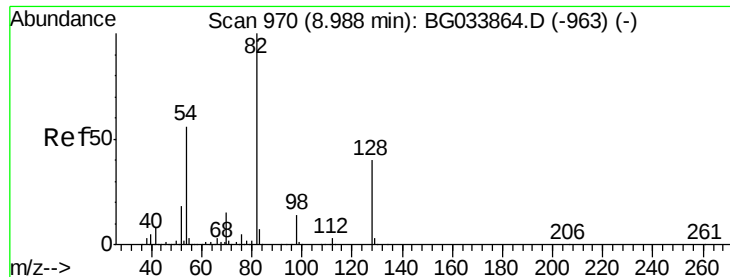


#22
Acetophenone
Concen: 43.272 ng
RT: 8.65 min Scan# 912
Delta R.T. -0.01 min
Lab File: BG033977.D
Acq: 25 Apr 2018 6:51

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	5.3	3.0	4.4	
51	28.9	26.1	39.1	
120	22.3	17.4	26.2	

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E





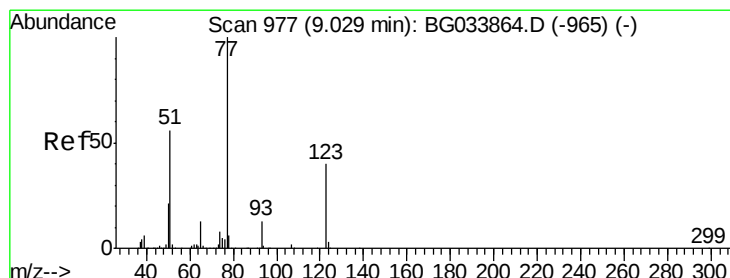
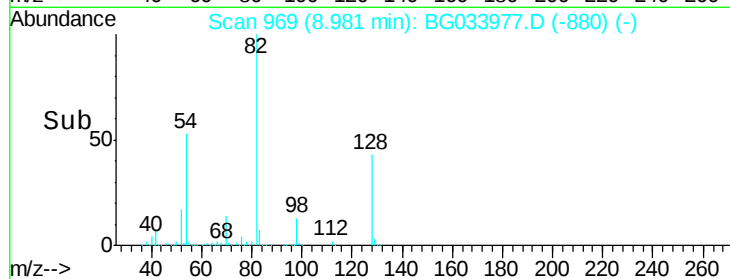
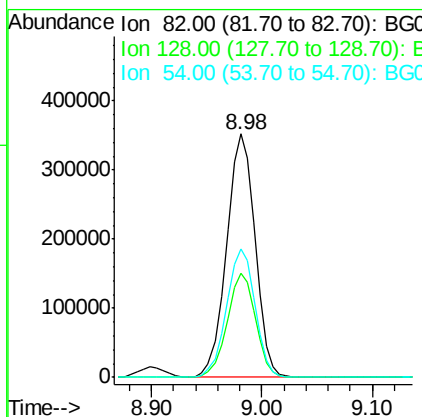
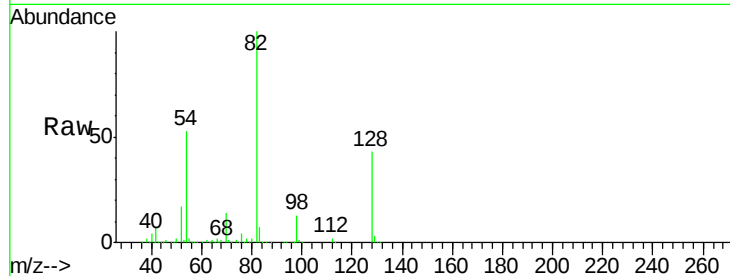
#23
 Nitrobenzene-d5
 Concen: 99.737 ng
 RT: 8.98 min Scan# 969
 Delta R.T. -0.01 min
 Lab File: BG033977.D
 Acq: 25 Apr 2018 6:51

Instrument :
 BNA_G
 ClientSampleId :
 KS-RO-238MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	42.8	29.7	44.5	
54	52.9	43.1	64.7	

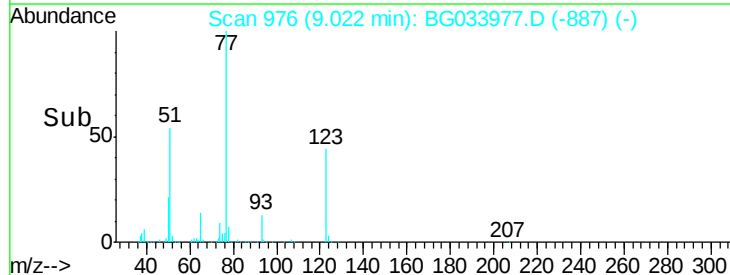
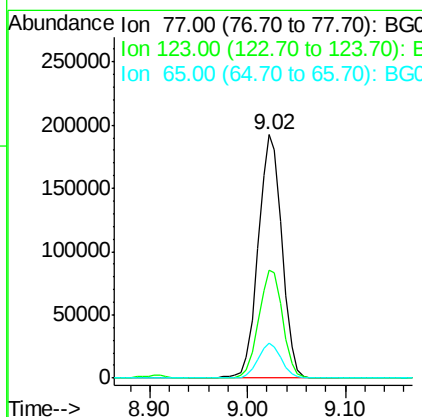
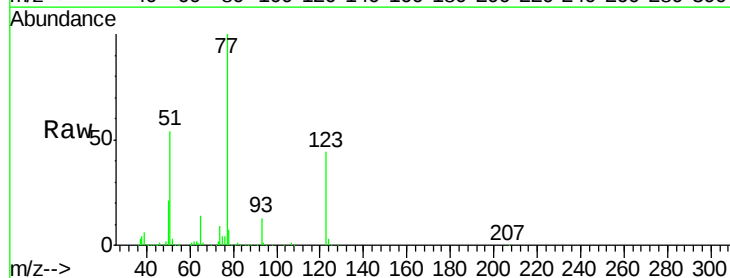
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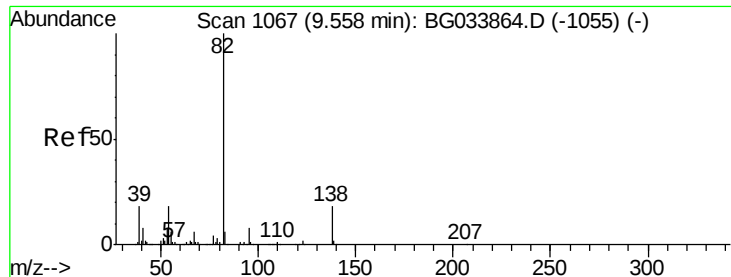
Sohil
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#24
 Nitrobenzene
 Concen: 47.436 ng
 RT: 9.02 min Scan# 976
 Delta R.T. -0.01 min
 Lab File: BG033977.D
 Acq: 25 Apr 2018 6:51

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	44.3	33.0	49.6	
65	14.4	13.0	19.6	





#25

Isophorone

Concen: 42.788 ng

RT: 9.54 min Scan# 1065

Delta R.T. -0.01 min

Lab File: BG033977.D

Acq: 25 Apr 2018 6:51

Instrument :

BNA_G

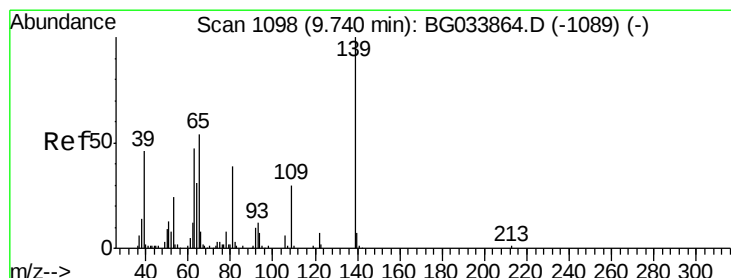
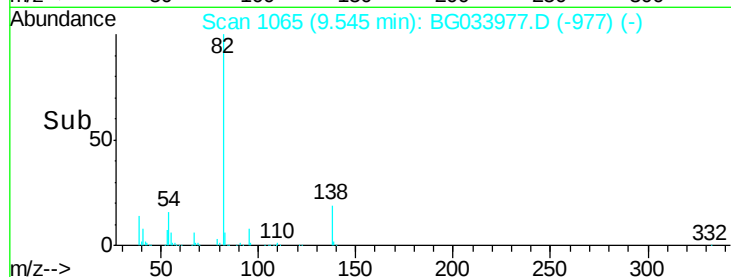
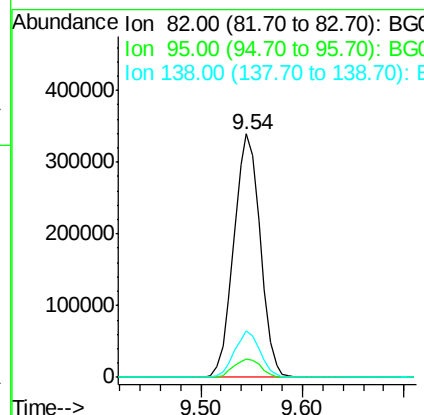
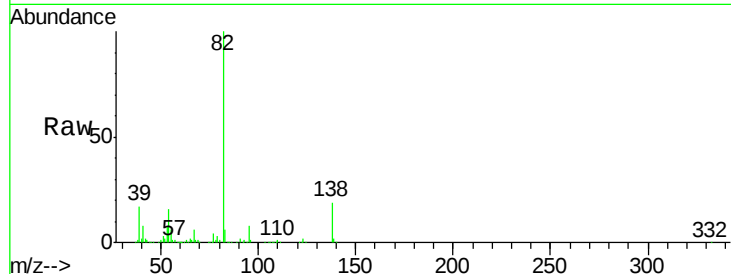
ClientSampleId :

KS-RO-238MSD

Tot Ion	82	Resp	612319
Ion Ratio	Lower	Upper	
82	100		
95	7.6	6.2	9.2
138	18.8	12.1	18.1#

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#26

2-Nitrophenol

Concen: 56.692 ng

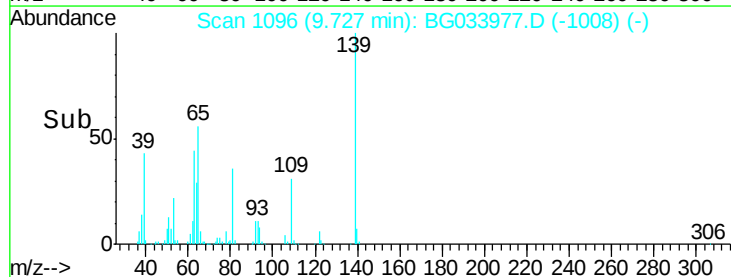
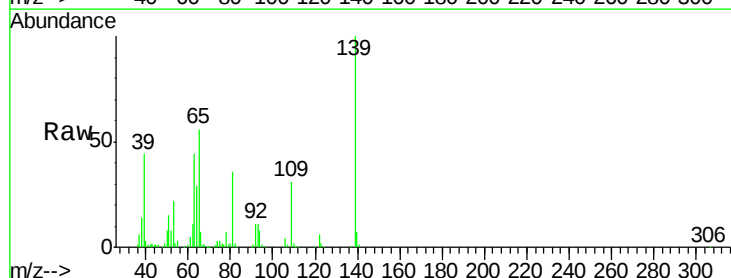
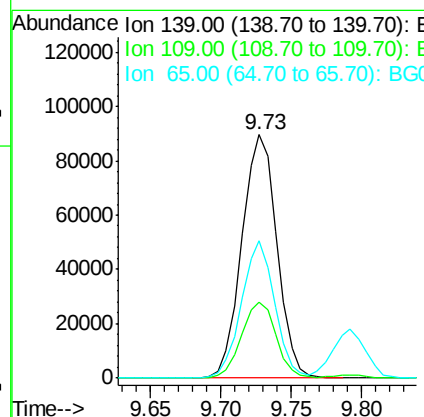
RT: 9.73 min Scan# 1096

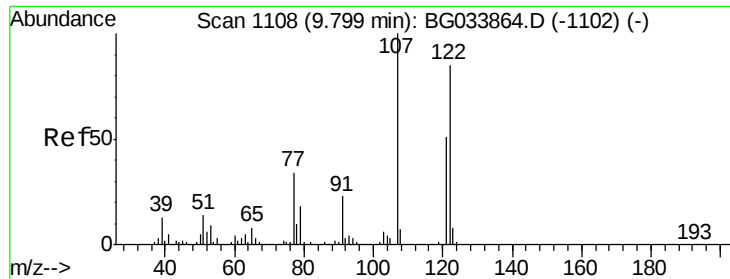
Delta R.T. -0.01 min

Lab File: BG033977.D

Acq: 25 Apr 2018 6:51

Tgt Ion	139	Resp	155372
Ion Ratio	Lower	Upper	
139	100		
109	31.3	24.2	36.2
65	56.4	47.4	71.0





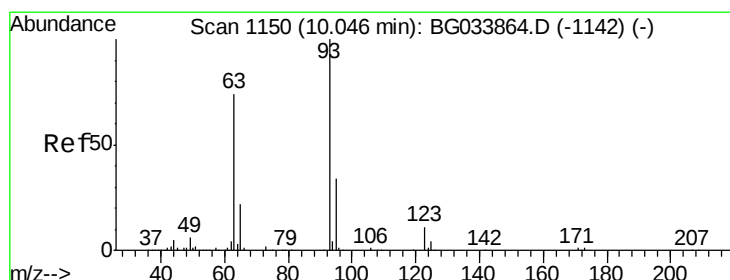
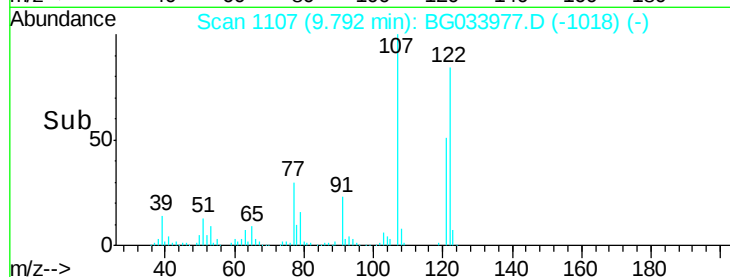
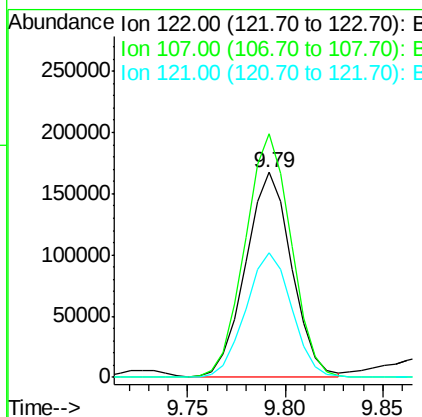
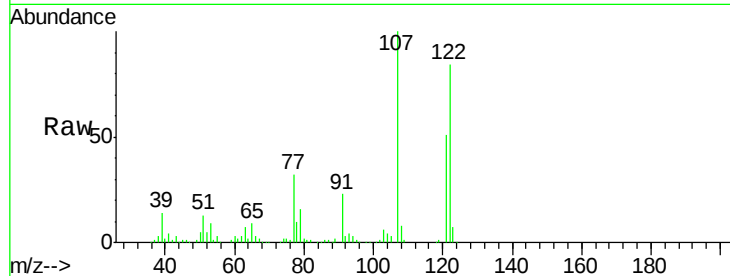
#27
2,4-Dimethylphenol
Concen: 53.126 ng
RT: 9.79 min Scan# 1107
Delta R.T. -0.01 min
Lab File: BG033977.D
Acq: 25 Apr 2018 6:51

Instrument :
BNA_G
ClientSampleId :
KS-RO-238MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	118.9	100.2	150.2
121	60.8	44.4	66.6

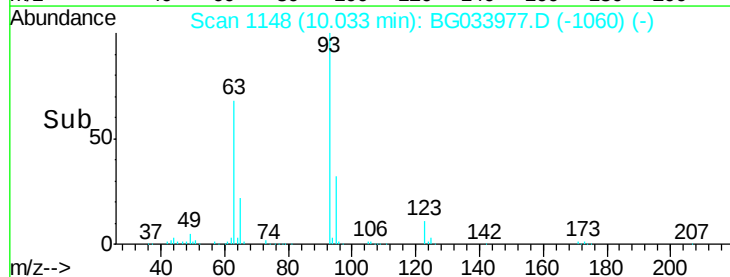
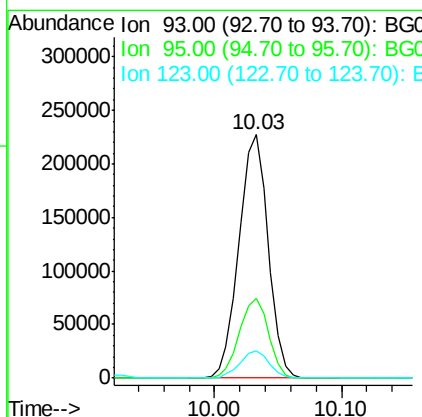
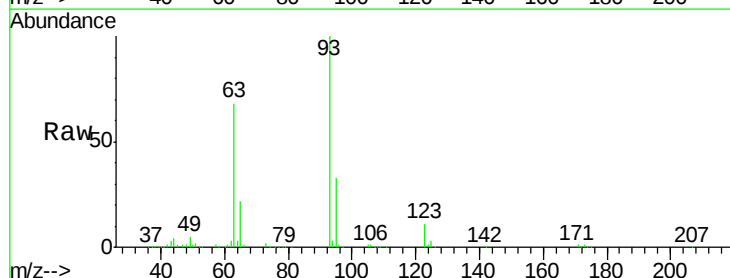
Manual Integrations
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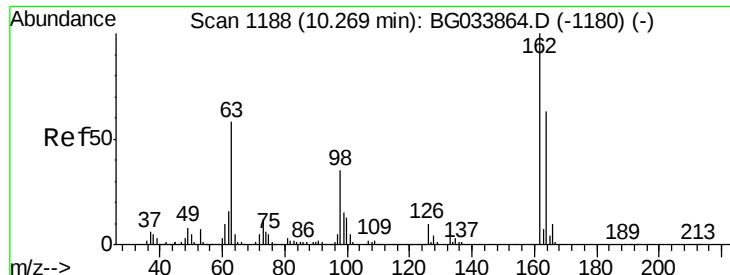
Sohil
4/25/2018 4:25:52 PM



#28
bis(2-Chloroethoxy)methane
Concen: 47.942 ng
RT: 10.03 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BG033977.D
Acq: 25 Apr 2018 6:51

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	24.3	36.5
123	11.3	8.4	12.6





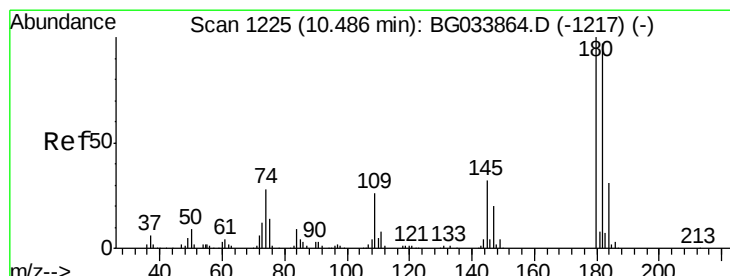
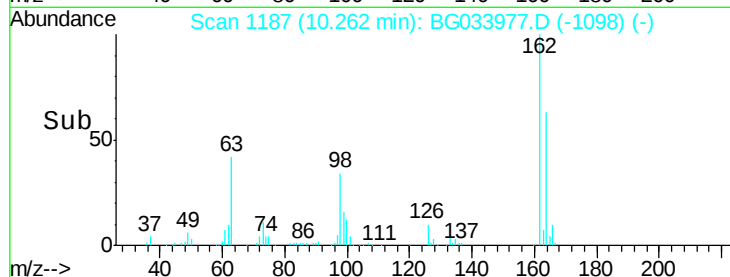
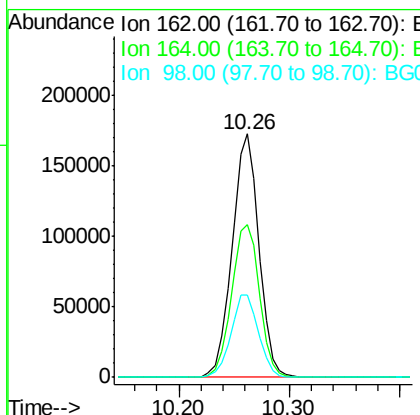
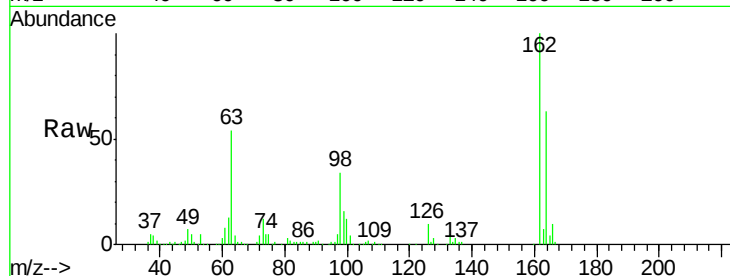
#29
 2,4-Dichlorophenol
 Concen: 51.240 ng
 RT: 10.26 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BG033977.D
 Acq: 25 Apr 2018 6:51

Instrument :
 BNA_G
 ClientSampleId :
 KS-RO-238MSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	62.8	48.0	88.0
98	33.9	21.1	61.1

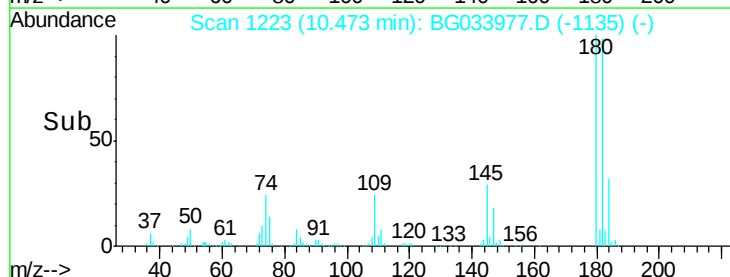
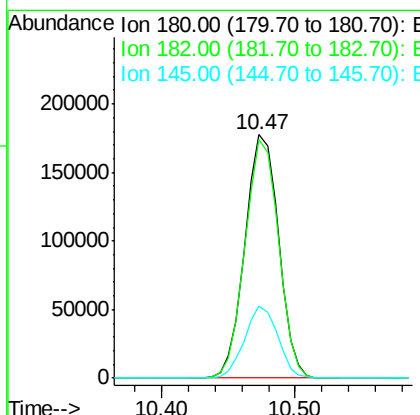
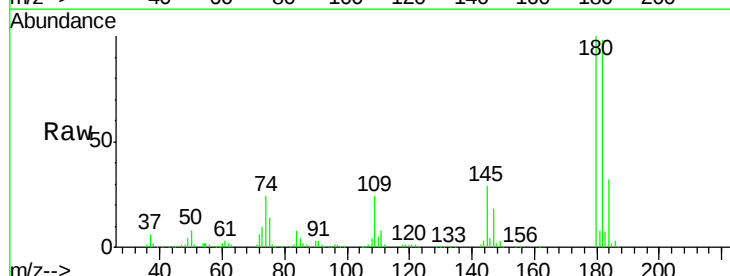
Manual Integrations
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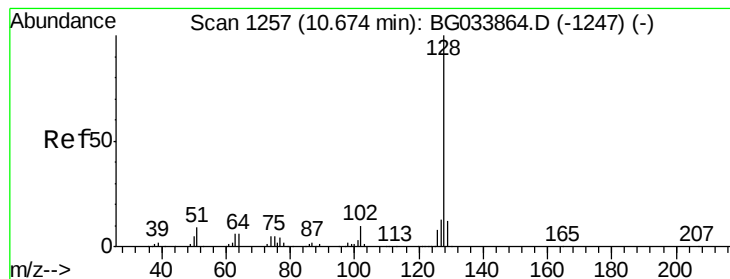
Sohil
 4/25/2018 4:25:52 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 48.370 ng
 RT: 10.47 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BG033977.D
 Acq: 25 Apr 2018 6:51

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	97.8	77.5	116.3
145	29.4	23.4	35.2





#31

Naphthalene

Concen: 45.639 ng

RT: 10.66 min Scan# 1255

Delta R.T. -0.01 min

Lab File: BG033977.D

Acq: 25 Apr 2018 6:51

Instrument :

BNA_G

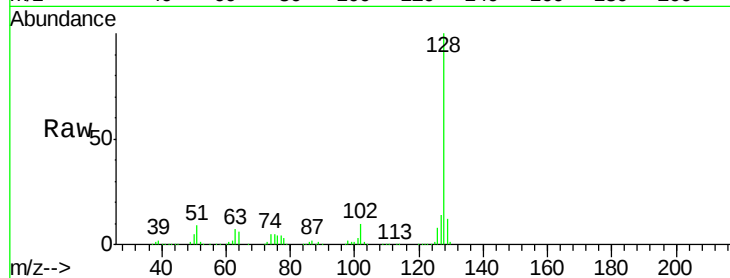
ClientSampleId :

KS-RO-238MSD

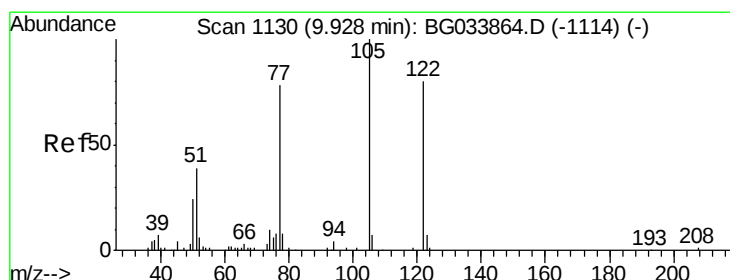
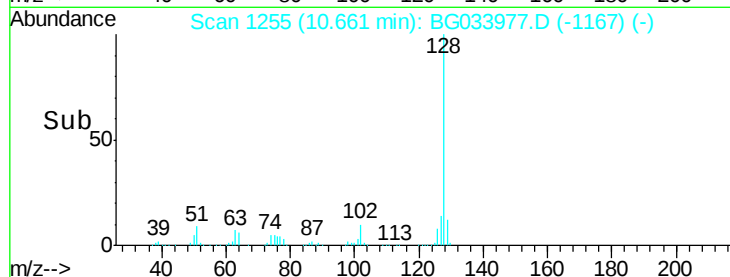
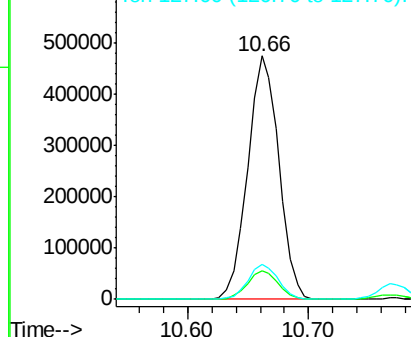
Tot Ion:	128	Resp:	850150
Ion Ratio	Lower	Upper	
128	100		
129	11.7	8.6	12.8
127	14.3	11.6	17.4

Manual Integrations
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 29.420 ng

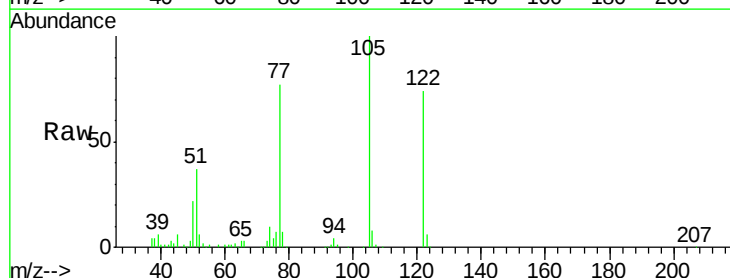
RT: 9.92 min Scan# 1129

Delta R.T. -0.01 min

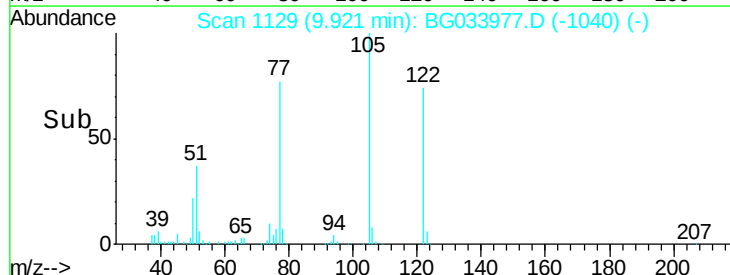
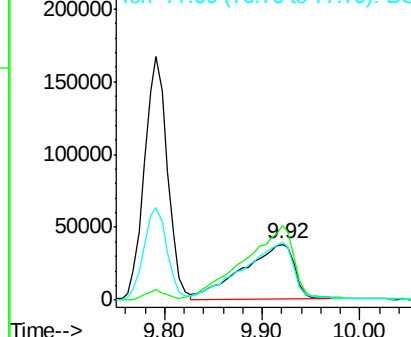
Lab File: BG033977.D

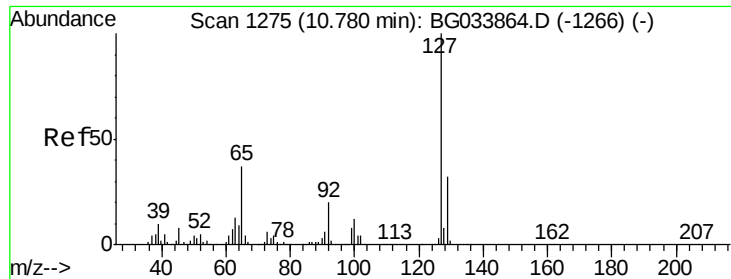
Acq: 25 Apr 2018 6:51

Tgt Ion:	122	Resp:	139065
Ion Ratio	Lower	Upper	
122	100		
105	134.6	123.5	163.5
77	103.5	85.7	125.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG





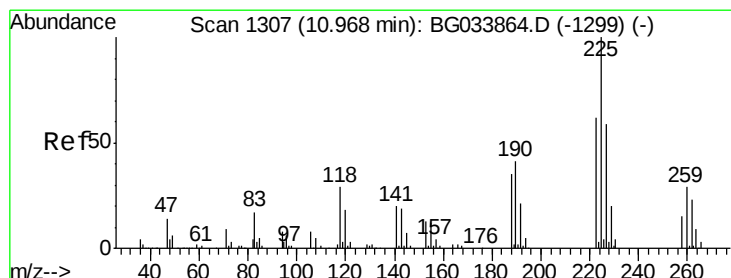
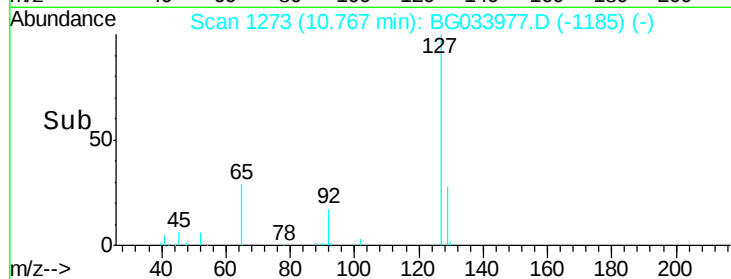
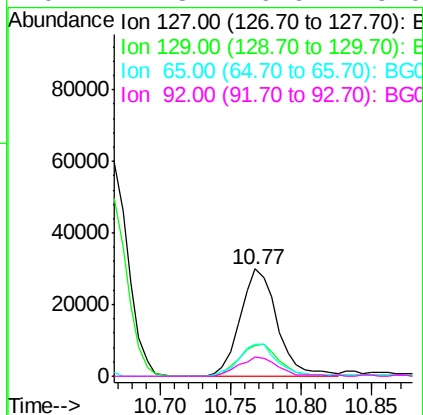
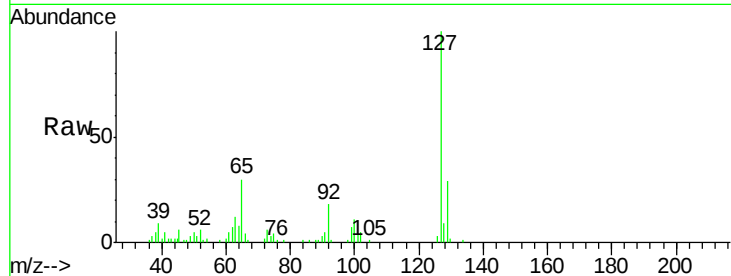
#33
4-Chloroaniline
Concen: 6.321 ng
RT: 10.77 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BG033977.D
Acq: 25 Apr 2018 6:51

Instrument :
BNA_G
ClientSampleId :
KS-RO-238MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	28.9	24.0	36.0		
65	30.4	27.0	40.4		
92	17.8	16.6	25.0		

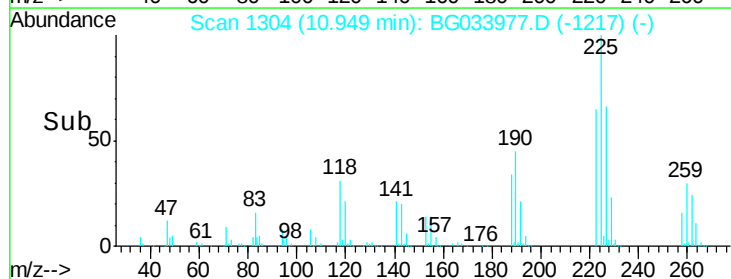
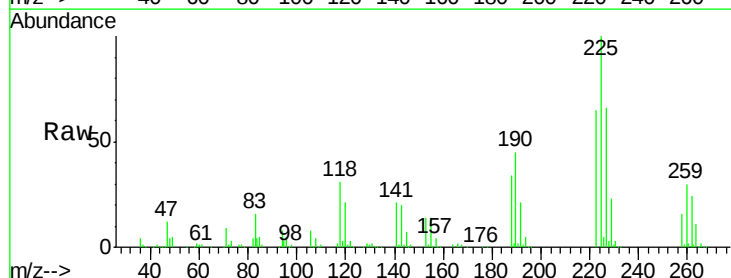
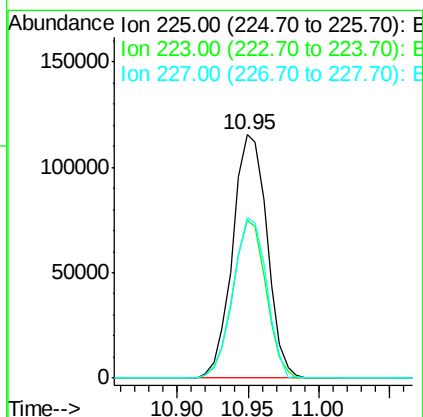
Manual Integrations
APPROVED

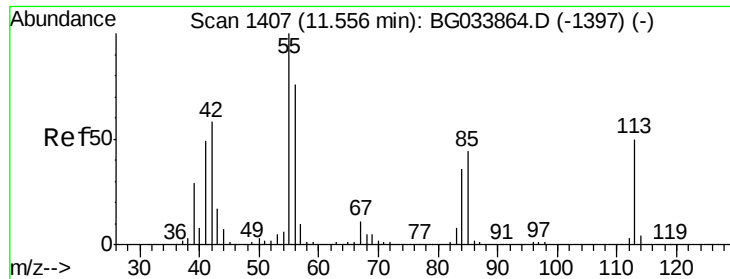
Sohil
4/25/2018 4:25:52 PM



#34
Hexachlorobutadiene
Concen: 51.404 ng
RT: 10.95 min Scan# 1304
Delta R.T. -0.02 min
Lab File: BG033977.D
Acq: 25 Apr 2018 6:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.9	49.7	74.5		
227	65.7	48.1	72.1		





#35

Caprolactam

Concen: 34.438 ng/ml

RT: 11.55 min Scan# 1406

Delta R.T. -0.01 min

Lab File: BG033977.D

Acq: 25 Apr 2018 6:51

Instrument :

BNA_G

ClientSampleId :

KS-RO-238MSD

Tot Ion:113 Resp: 83670

Ion Ratio Lower Upper

113 100

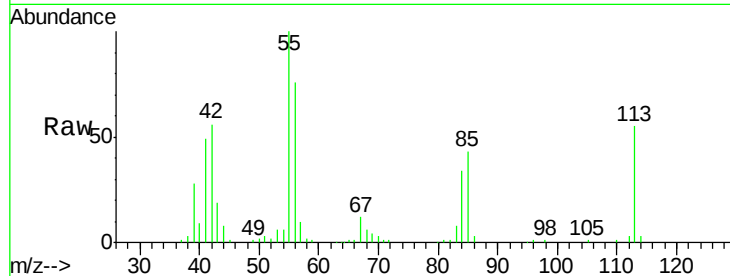
55 182.4 186.9 226.9#

56 137.7 130.9 170.9

Manual Integrations
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Sohil

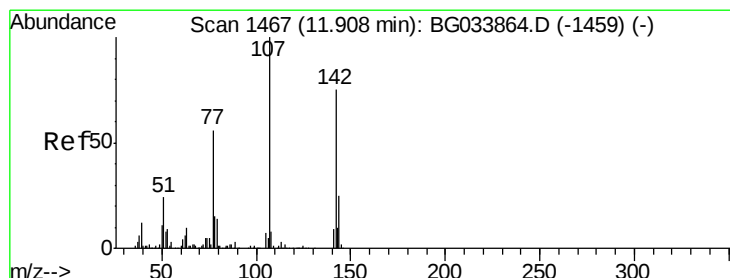
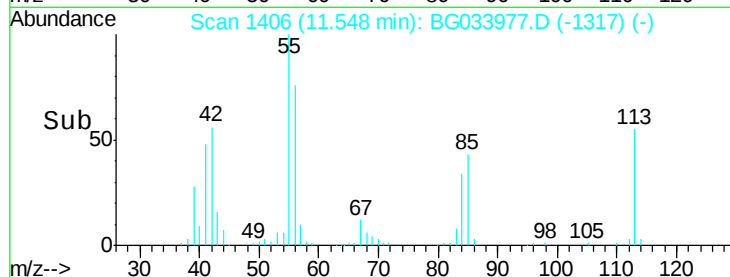
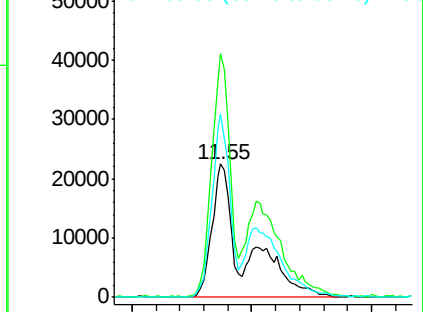
4/25/2018 4:25:52 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG033864.D (-1397) (-)

Ion 56.00 (55.70 to 56.70): BG033864.D (-1397) (-)



#36

4-Chloro-3-methylphenol

Concen: 43.632 ng/ml

RT: 11.90 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BG033977.D

Acq: 25 Apr 2018 6:51

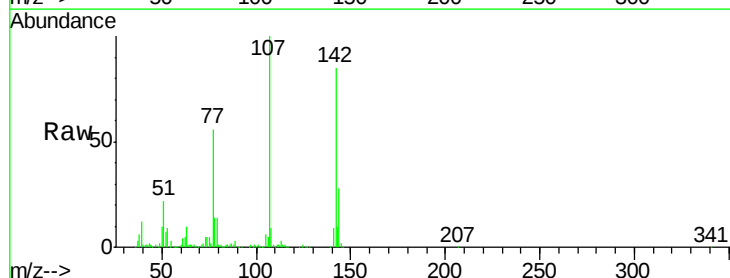
Tgt Ion:107 Resp: 304318

Ion Ratio Lower Upper

107 100

144 28.0 18.2 27.4#

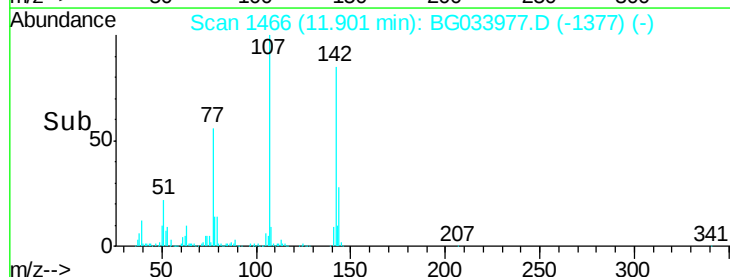
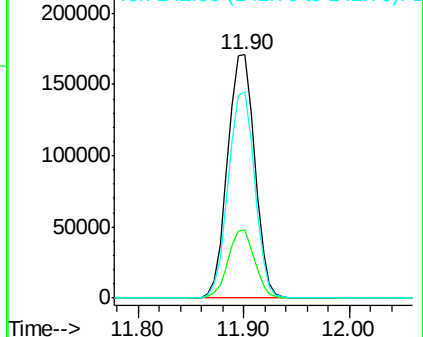
142 85.0 59.0 88.4

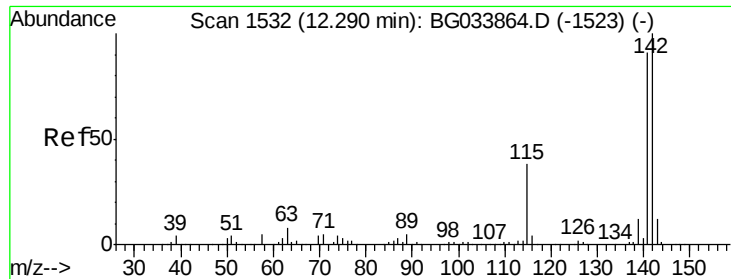


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





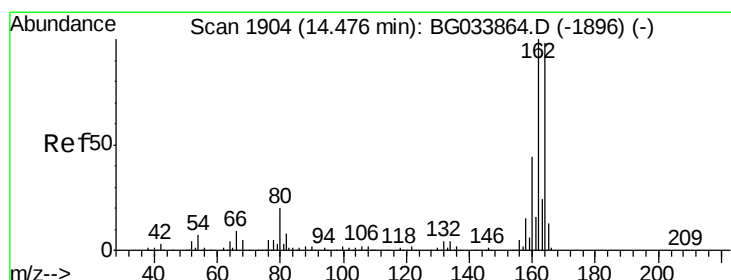
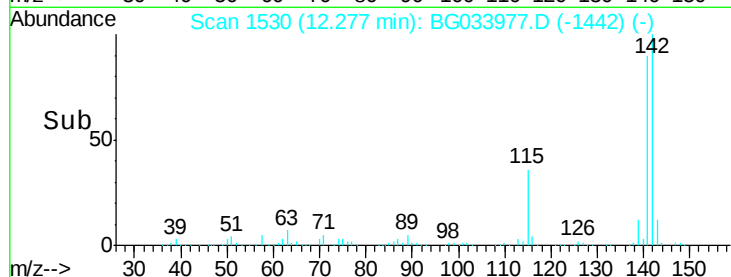
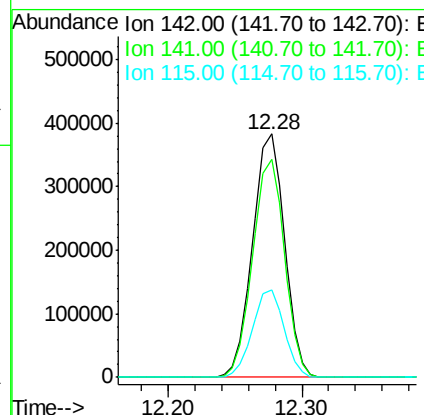
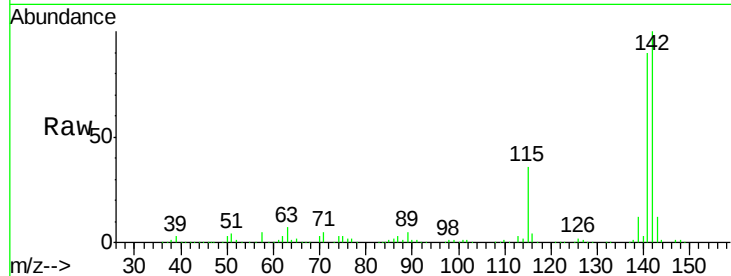
#37
2-Methylnaphthalene
Concen: 44.324 ng
RT: 12.28 min Scan# 1530
Delta R.T. -0.01 min
Lab File: BG033977.D
Acq: 25 Apr 2018 6:51

Instrument :
BNA_G
ClientSampleId :
KS-RO-238MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.6	67.1	100.7
115	35.9	30.7	46.1

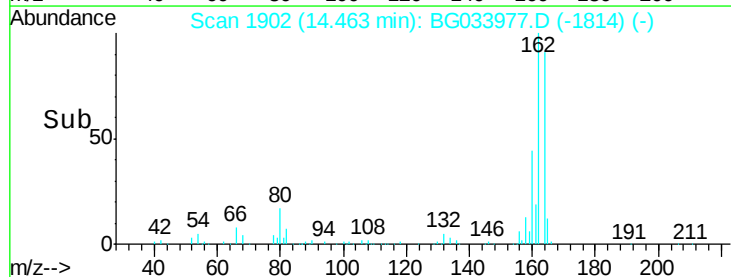
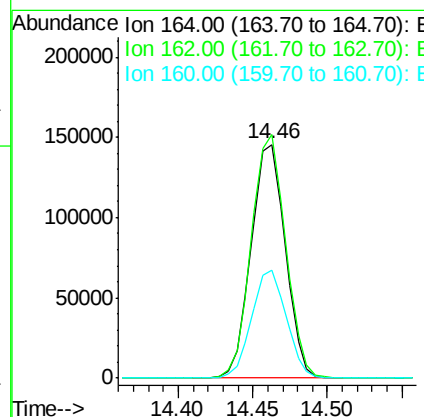
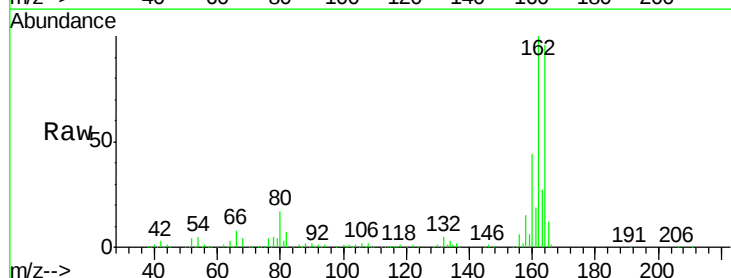
Manual Integrations
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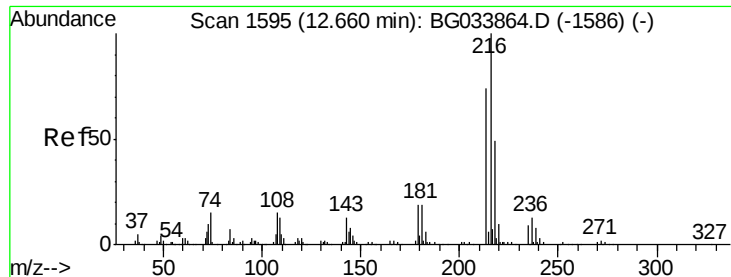
Sohil
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.46 min Scan# 1902
Delta R.T. -0.01 min
Lab File: BG033977.D
Acq: 25 Apr 2018 6:51

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.2	78.8	118.2
160	46.0	35.4	53.0





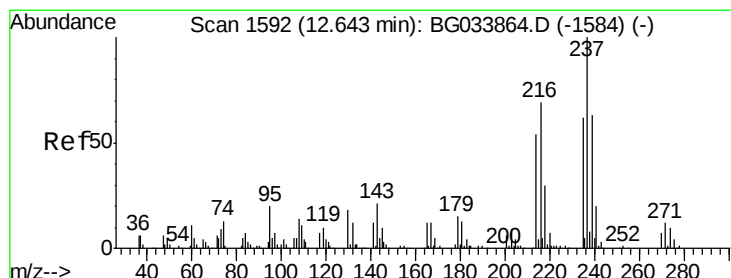
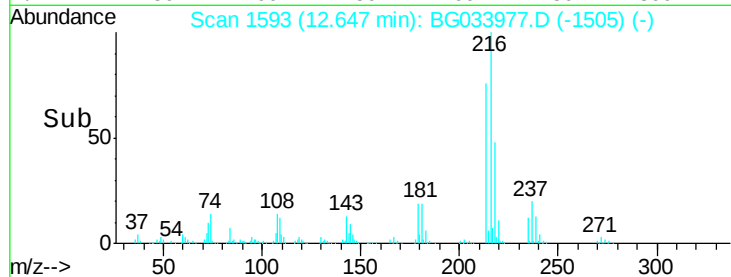
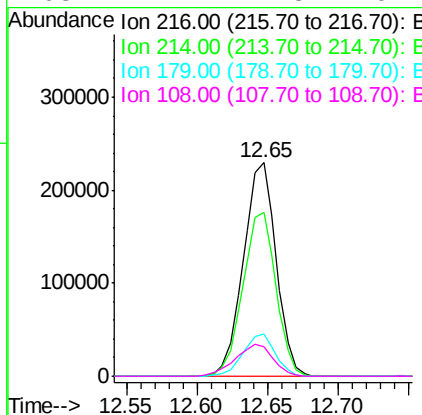
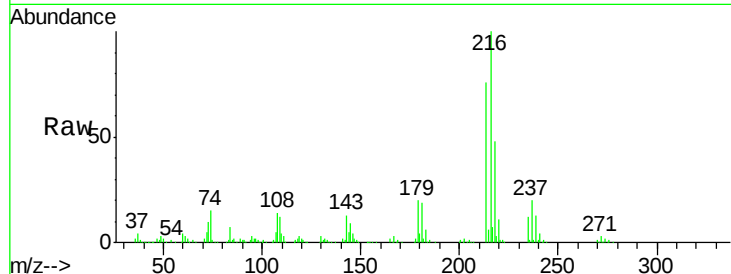
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 48.824 ng
 RT: 12.65 min Scan# 1593
 Delta R.T. -0.01 min
 Lab File: BG033977.D
 Acq: 25 Apr 2018 6:51

Instrument :
 BNA_G
 ClientSampleId :
 KS-RO-238MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	77.3	63.0	94.4		
179	19.3	17.0	25.6		
108	17.1	12.8	19.2		

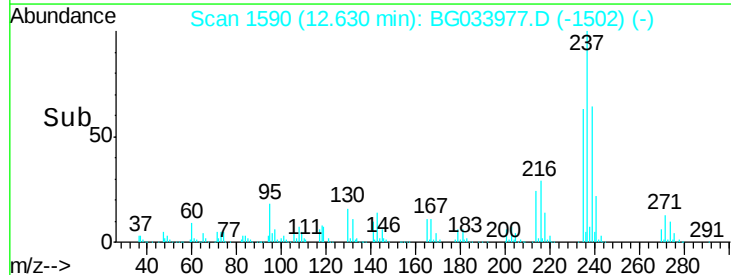
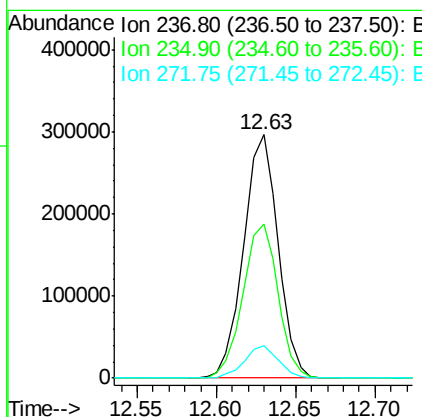
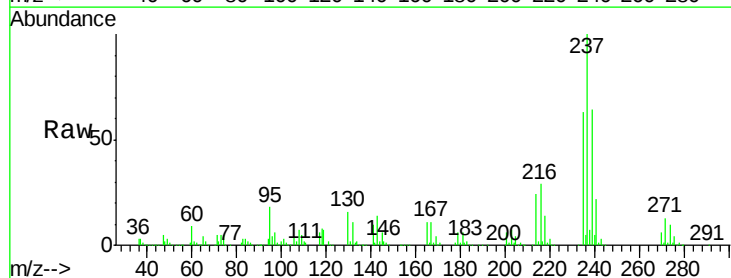
Manual Integrations
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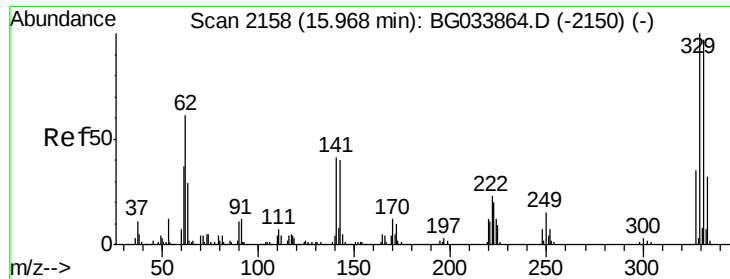
Sohil
 4/25/2018 4:25:52 PM



#40
 Hexachlorocyclopentadiene
 Concen: 106.824 ng
 RT: 12.63 min Scan# 1590
 Delta R.T. -0.01 min
 Lab File: BG033977.D
 Acq: 25 Apr 2018 6:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	63.1	50.4	90.4		
272	13.3	0.0	31.8		





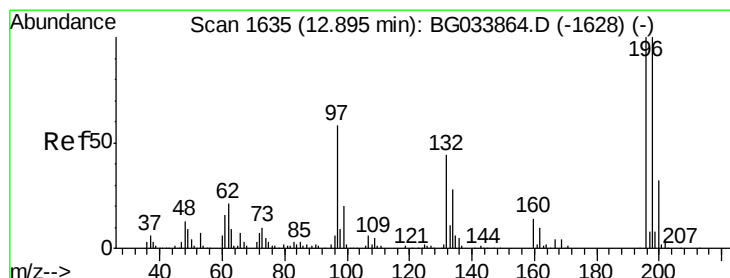
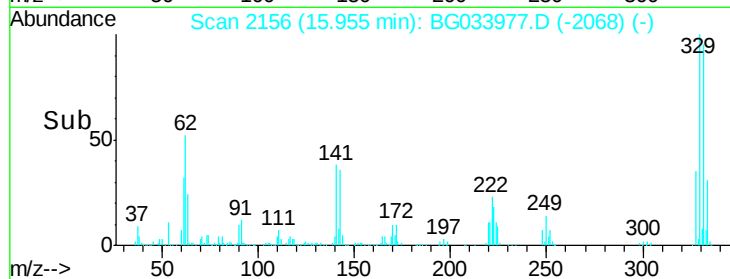
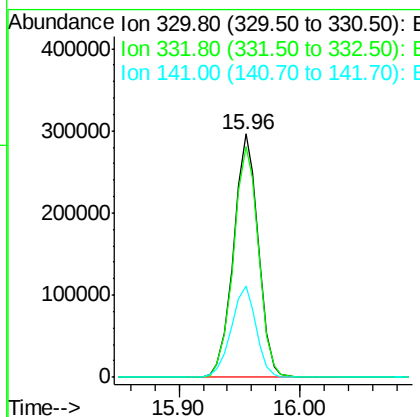
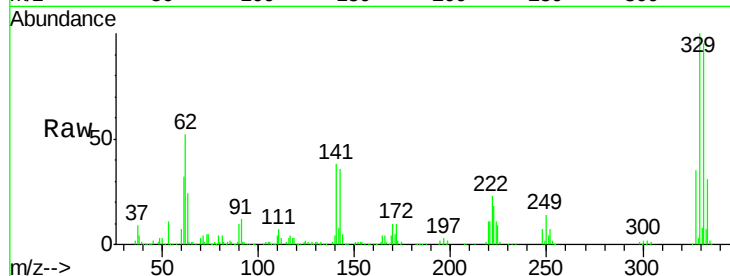
#41
 2,4,6-Tribromophenol
 Concen: 157.368 ng
 RT: 15.96 min Scan# 2156
 Delta R.T. -0.01 min
 Lab File: BG033977.D
 Acq: 25 Apr 2018 6:51

Instrument :
 BNA_G
 ClientSampleId :
 KS-RO-238MSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.6	77.0	115.6	
141	37.8	25.2	37.8	

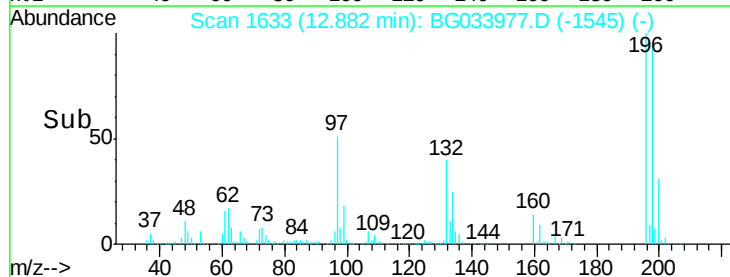
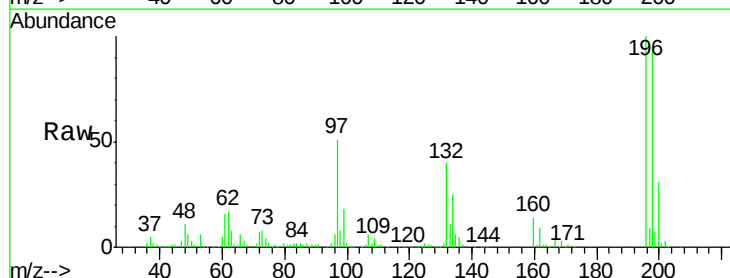
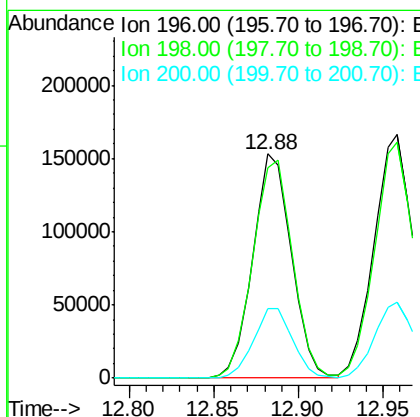
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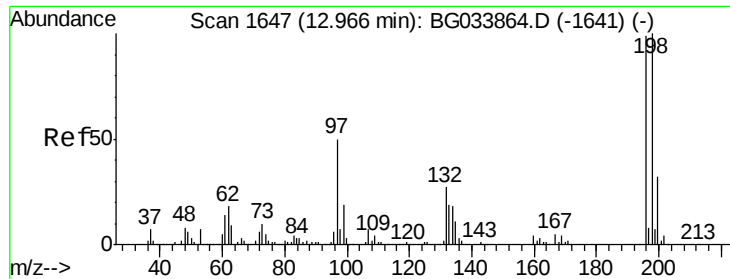
Sohil
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#42
 2,4,6-Trichlorophenol
 Concen: 52.558 ng
 RT: 12.88 min Scan# 1633
 Delta R.T. -0.01 min
 Lab File: BG033977.D
 Acq: 25 Apr 2018 6:51

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	94.2	78.2	117.2	
200	33.6	24.6	36.8	





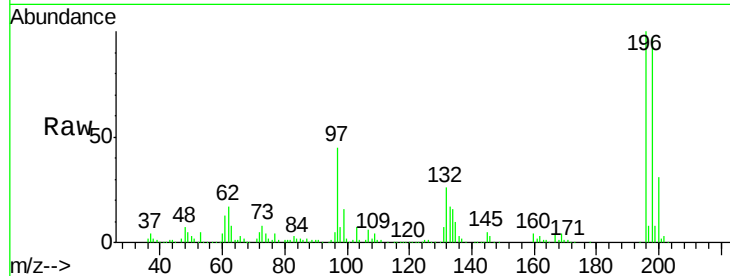
#43
 2,4,5-Trichlorophenol
 Concen: 51.023 ng
 RT: 12.96 min Scan# 1646
 Delta R.T. -0.01 min
 Lab File: BG033977.D
 Acq: 25 Apr 2018 6:51

Instrument :
 BNA_G
 ClientSampleId :
 KS-RO-238MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	272545		
198	96.7	76.2	114.4	
97	44.5	38.7	58.1	
132	25.7	20.2	30.2	

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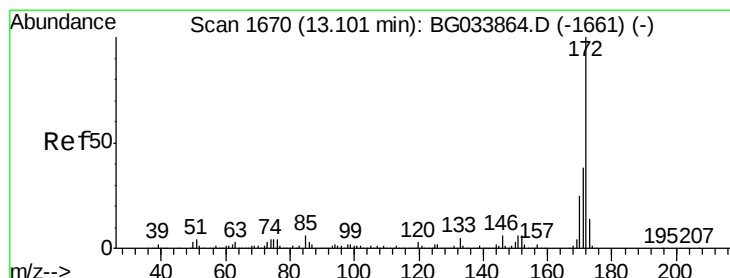
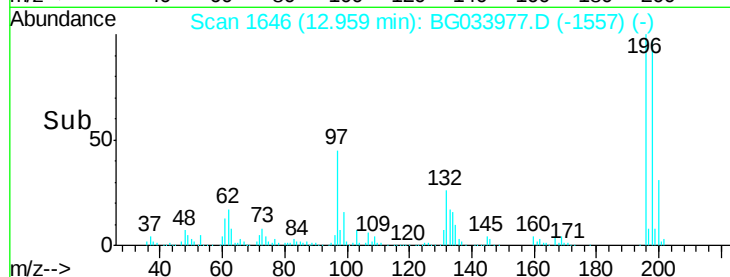
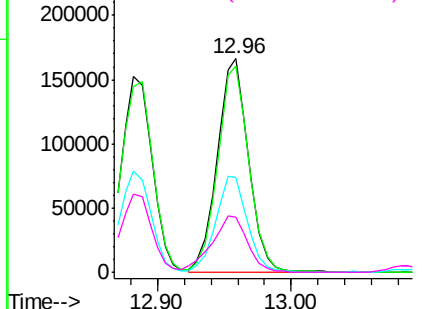
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 93.162 ng
 RT: 13.08 min Scan# 1667
 Delta R.T. -0.02 min
 Lab File: BG033977.D
 Acq: 25 Apr 2018 6:51

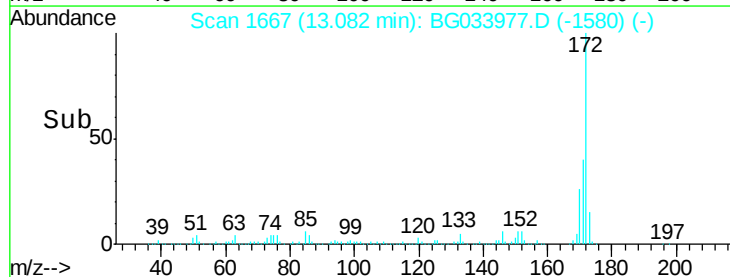
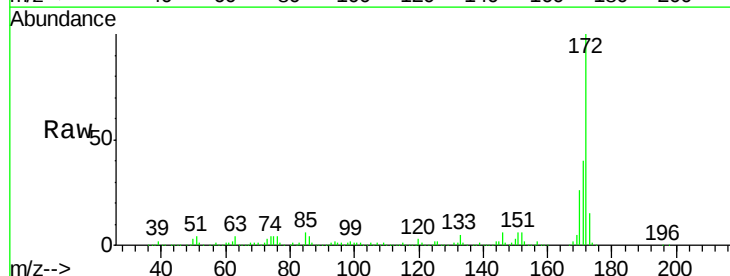
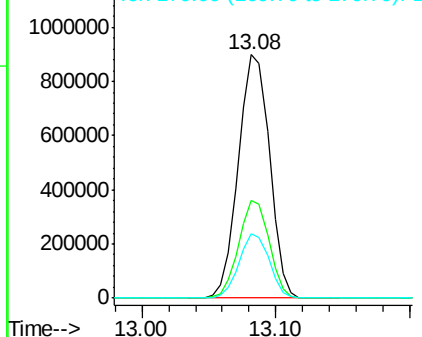
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1455414		
171	40.1	30.0	45.0	
170	26.4	19.5	29.3	

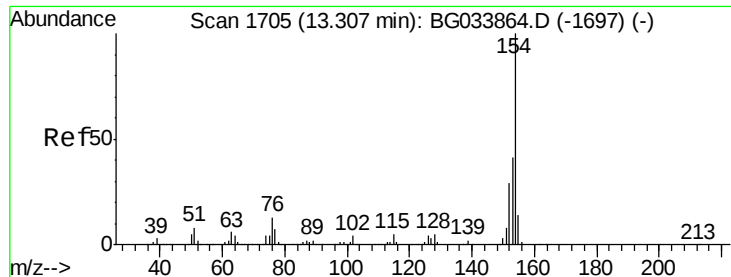
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 45.094 ng

RT: 13.29 min Scan# 1703

Delta R.T. -0.01 min

Lab File: BG033977.D

Acq: 25 Apr 2018 6:51

Instrument :

BNA_G

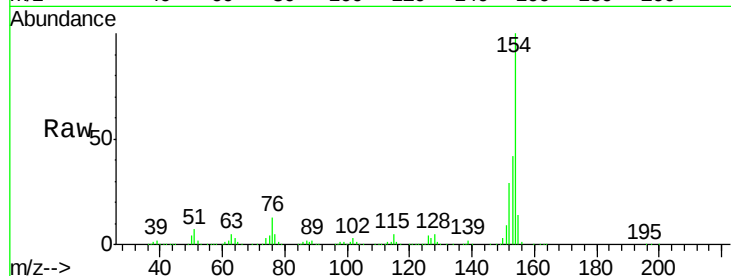
ClientSampleId :

KS-RO-238MSD

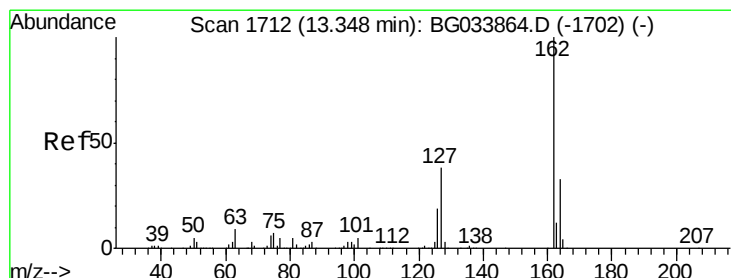
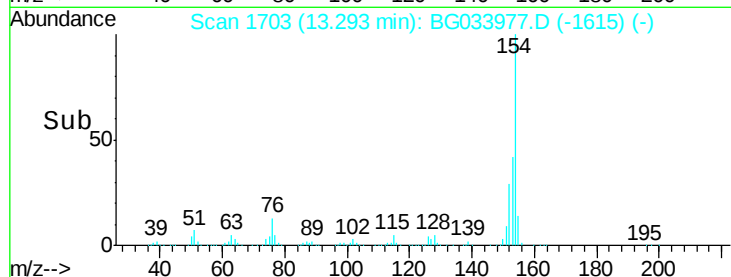
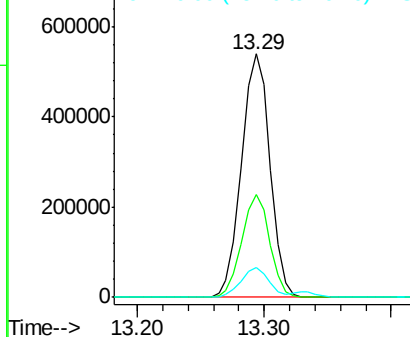
Tot Ion:	154	Resp:	837744
Ion Ratio	Lower	Upper	
154	100		
153	42.0	19.8	59.8
76	12.5	0.0	31.9

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BGC



#46

2-Chloronaphthalene

Concen: 45.681 ng

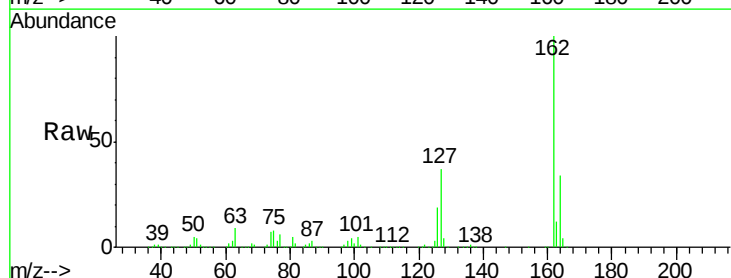
RT: 13.33 min Scan# 1710

Delta R.T. -0.01 min

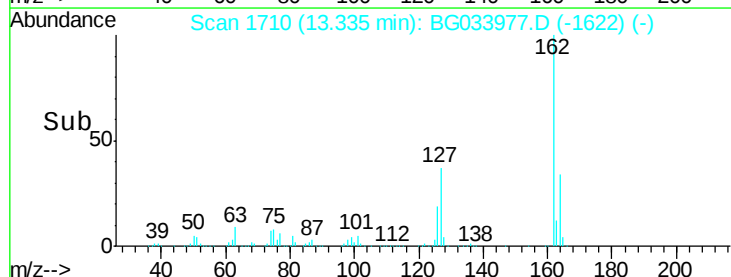
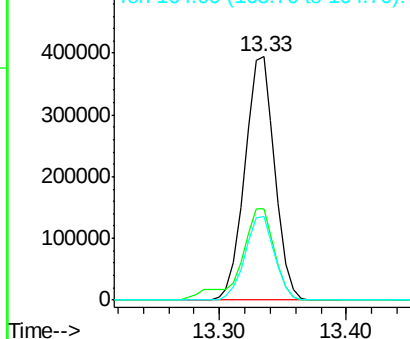
Lab File: BG033977.D

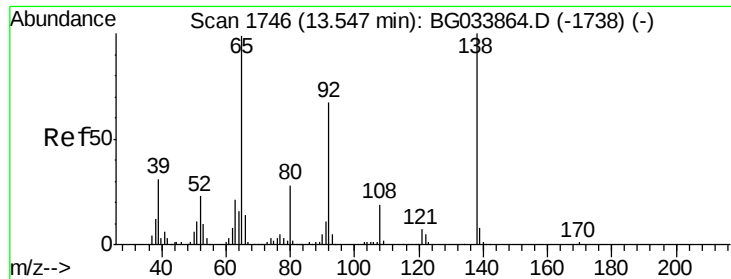
Acq: 25 Apr 2018 6:51

Tgt Ion:	162	Resp:	643476
Ion Ratio	Lower	Upper	
162	100		
127	37.5	30.7	46.1
164	34.1	26.0	39.0



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 48.965 ng

RT: 13.53 min Scan# 1744

Delta R.T. -0.01 min

Lab File: BG033977.D

Acq: 25 Apr 2018 6:51

Instrument :

BNA_G

ClientSampleId :

KS-RO-238MSD

Tot Ion: 65 Resp: 215357
Ion Ratio Lower Upper

65 100

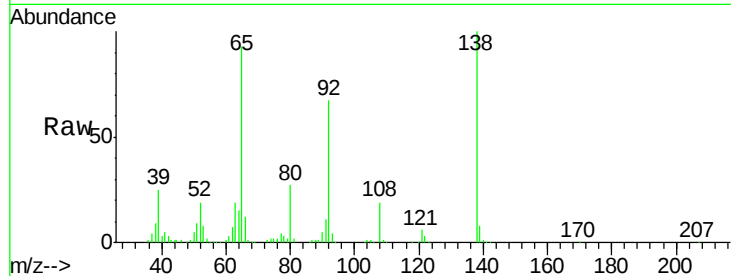
92 72.0 54.6 82.0

138 107.9 72.9 109.3

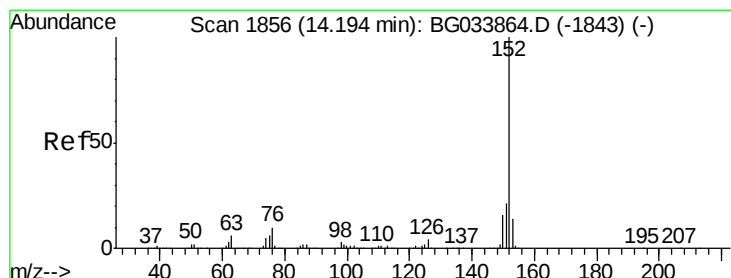
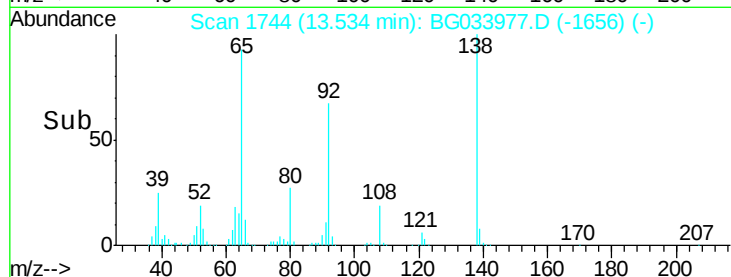
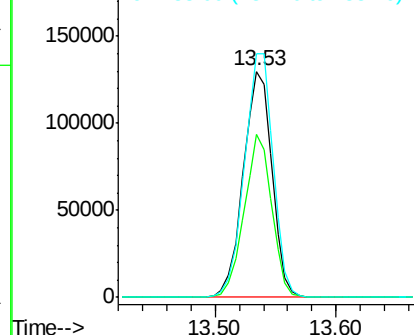
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Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#48

Acenaphthylene

Concen: 43.161 ng

RT: 14.18 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BG033977.D

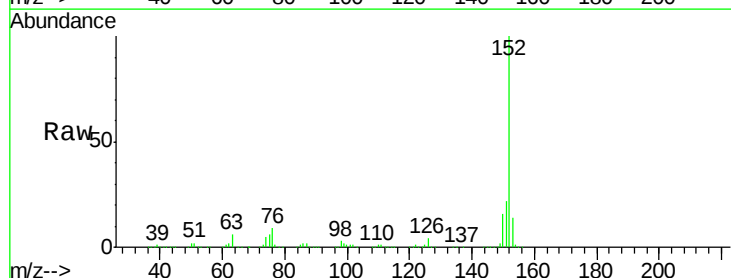
Acq: 25 Apr 2018 6:51

Tgt Ion: 152 Resp: 1010598
Ion Ratio Lower Upper

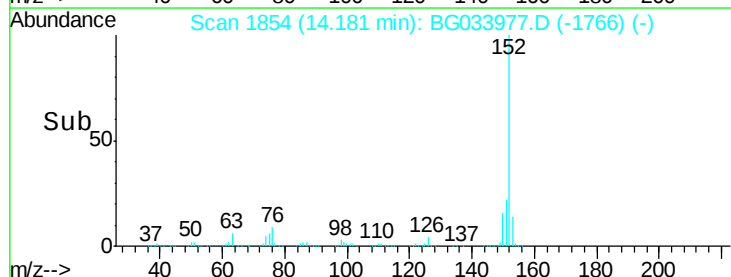
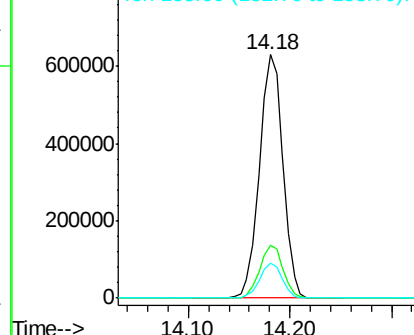
152 100

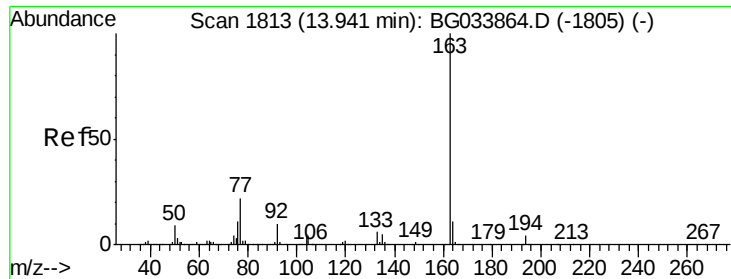
151 21.9 17.2 25.8

153 14.3 10.2 15.4



Abundance Ion 152.00 (151.70 to 152.70): BGC
Ion 151.00 (150.70 to 151.70): BGC
Ion 153.00 (152.70 to 153.70): BGC





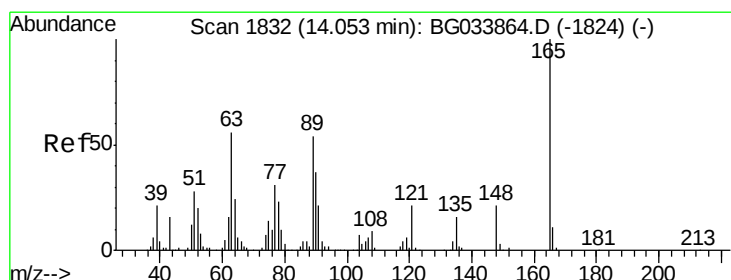
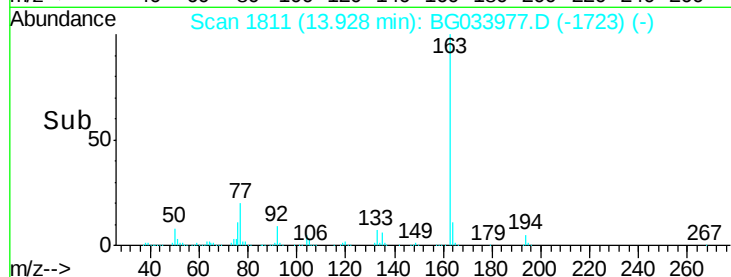
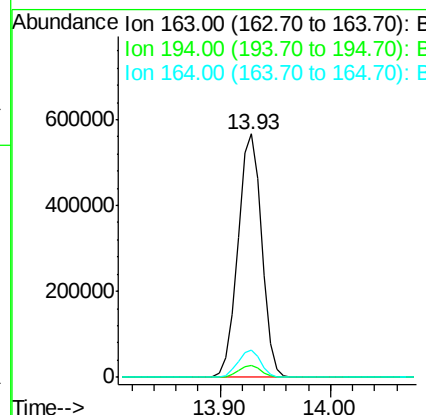
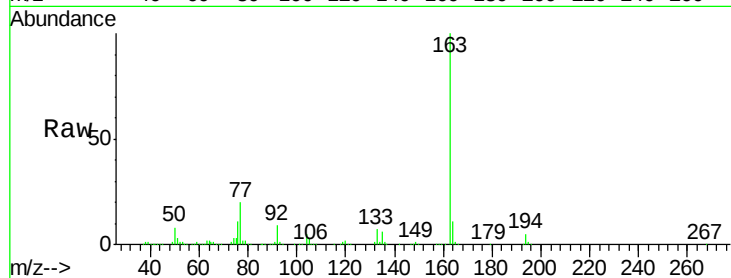
#49
Dimethylphthalate
Concen: 42.386 ng
RT: 13.93 min Scan# 1811
Delta R.T. -0.01 min
Lab File: BG033977.D
Acq: 25 Apr 2018 6:51

Instrument :
BNA_G
ClientSampleId :
KS-RO-238MSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	855677		
194	4.8		3.4	5.2
164	11.3		8.2	12.4

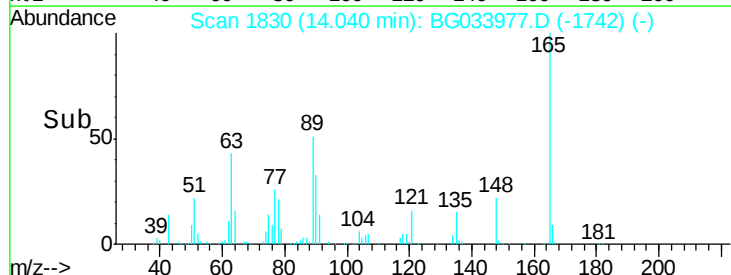
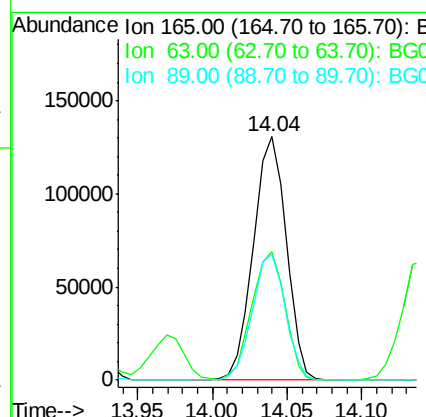
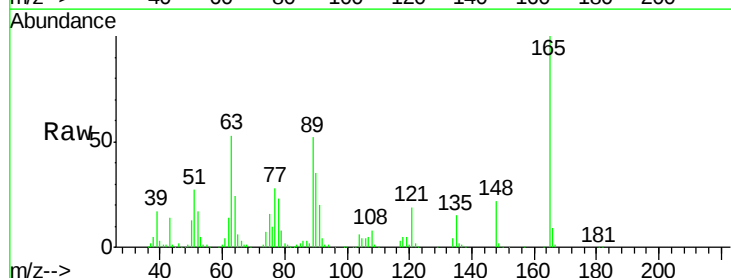
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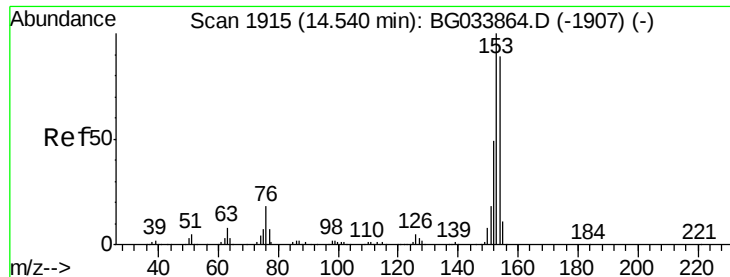
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#50
2,6-Dinitrotoluene
Concen: 52.041 ng
RT: 14.04 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BG033977.D
Acq: 25 Apr 2018 6:51

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	199096		
63	52.9		52.7	79.1
89	51.7		49.2	73.8





#51

Acenaphthene

Concen: 43.065 ng

RT: 14.53 min Scan# 1913

Delta R.T. -0.01 min

Lab File: BG033977.D

Acq: 25 Apr 2018 6:51

Instrument :

BNA_G

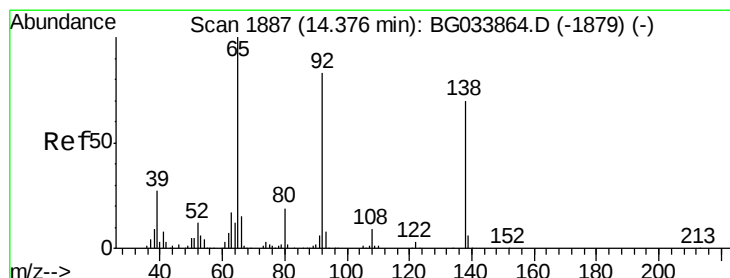
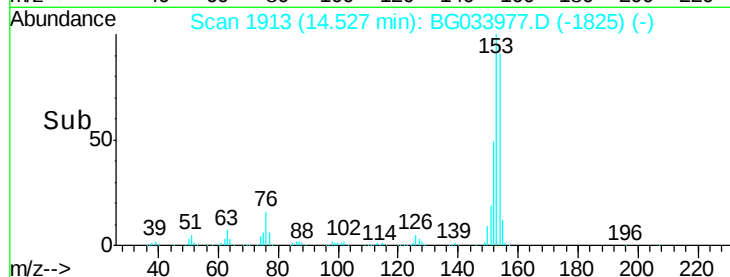
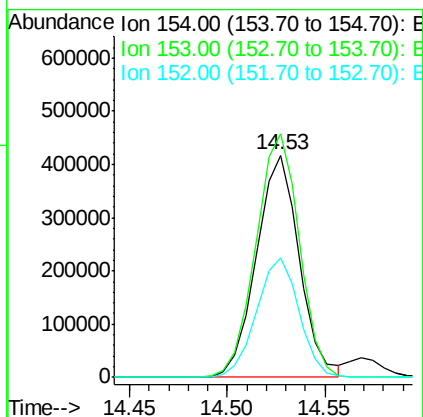
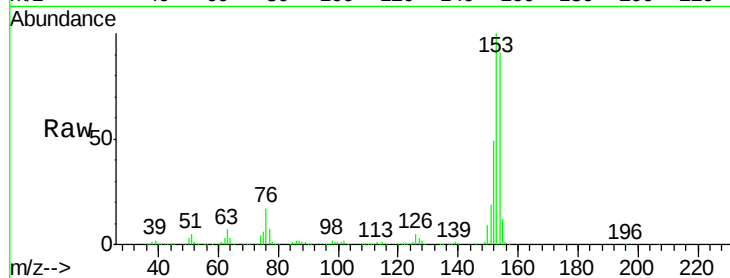
ClientSampleId :

KS-RO-238MSD

Tot Ion:	154	Resp:	633451
Ion Ratio	Lower	Upper	
154	100		
153	109.7	90.4	135.6
152	53.7	41.6	62.4

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#52

3-Nitroaniline

Concen: 19.130 ng

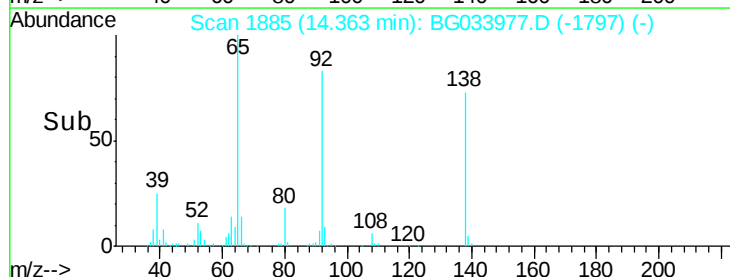
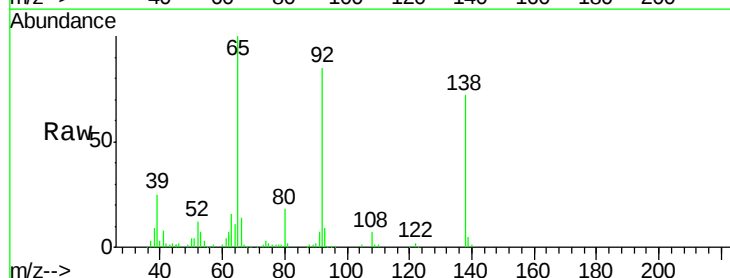
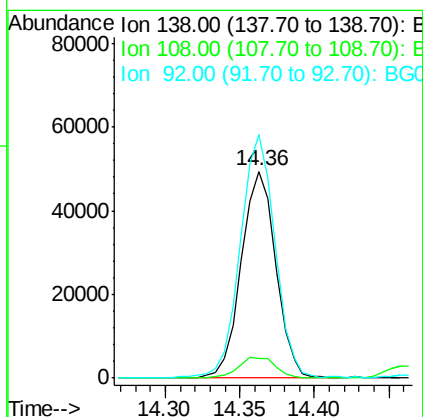
RT: 14.36 min Scan# 1885

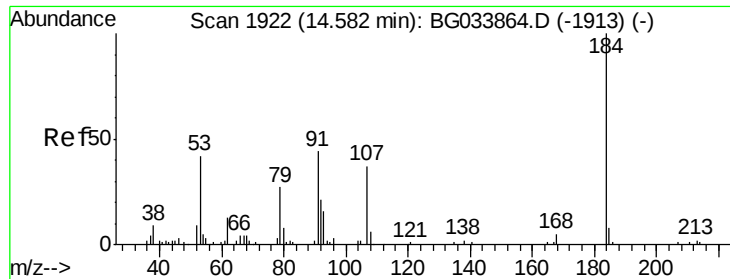
Delta R.T. -0.01 min

Lab File: BG033977.D

Acq: 25 Apr 2018 6:51

Tgt Ion:	138	Resp:	79468
Ion Ratio	Lower	Upper	
138	100		
108	9.5	17.5	26.3#
92	117.6	105.8	158.8





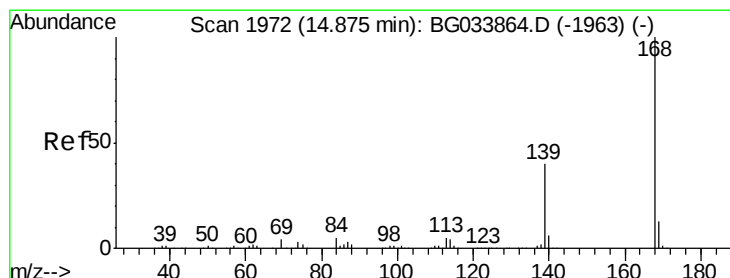
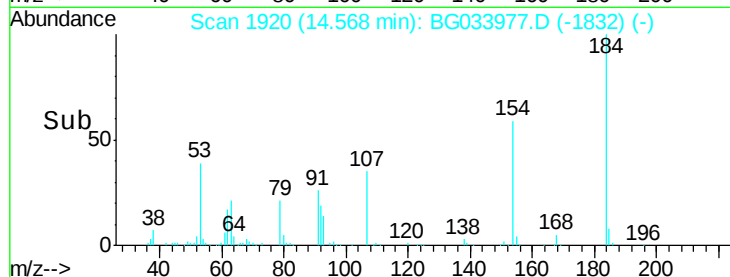
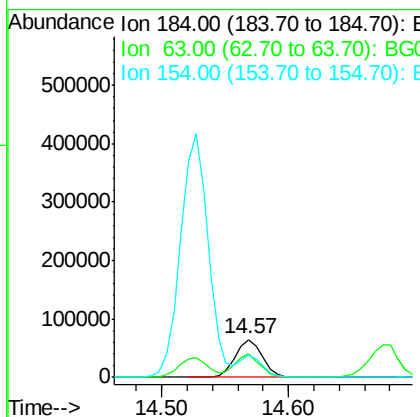
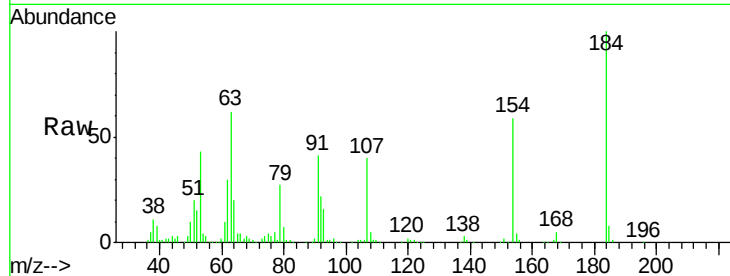
#53
2,4-Dinitrophenol
Concen: 70.590 ng
RT: 14.57 min Scan# 1920
Delta R.T. -0.01 min
Lab File: BG033977.D
Acq: 25 Apr 2018 6:51

Instrument :
BNA_G
ClientSampleId :
KS-RO-238MSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	61.9	59.8	89.8	
154	58.6	101.8	152.8	

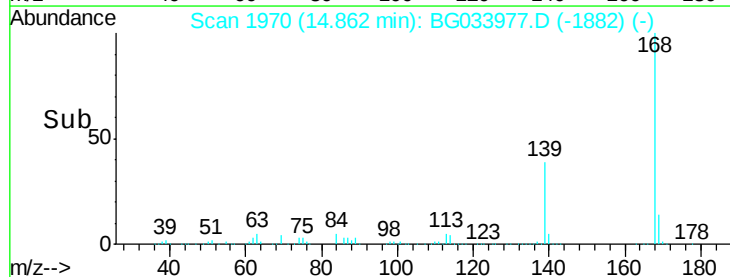
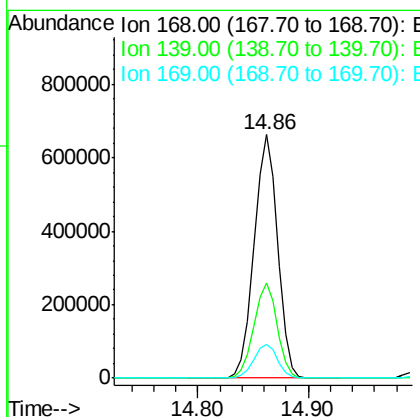
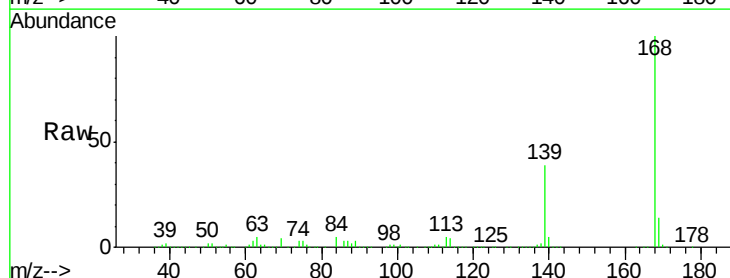
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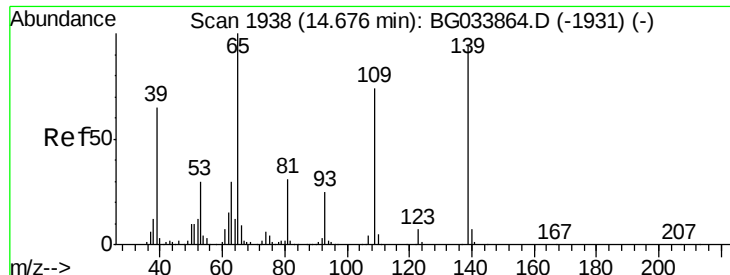
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#54
Dibenzofuran
Concen: 45.428 ng
RT: 14.86 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BG033977.D
Acq: 25 Apr 2018 6:51

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	39.1	28.6	43.0	
169	14.1	11.2	16.8	





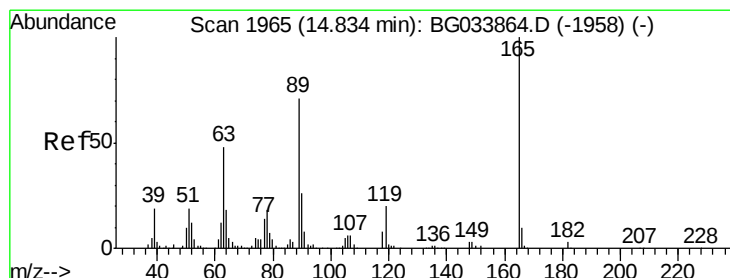
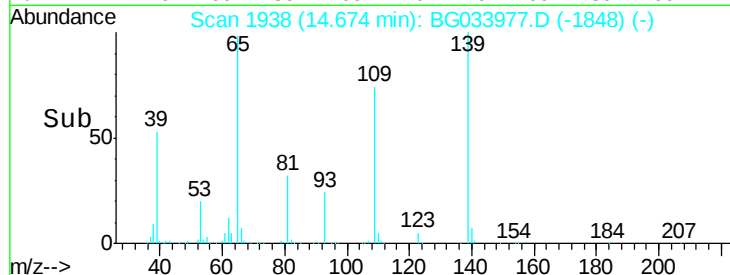
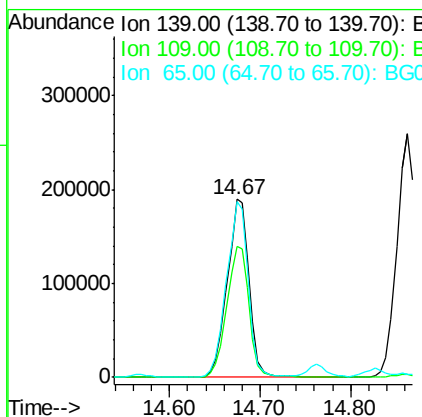
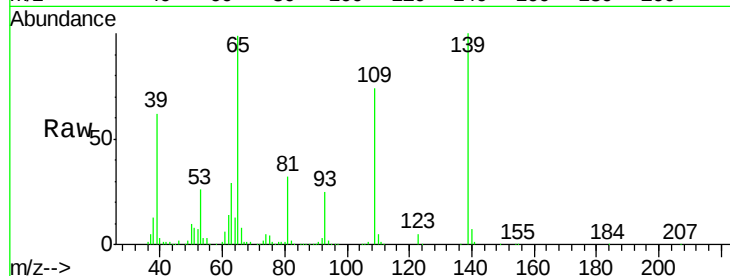
#55
4-Nitrophenol
Concen: 97.782 ng
RT: 14.67 min Scan# 1938
Delta R.T. -0.00 min
Lab File: BG033977.D
Acq: 25 Apr 2018 6:51

Instrument :
BNA_G
ClientSampleId :
KS-RO-238MSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	318580		
109	73.8	62.2	102.2	
65	98.8	97.2	137.2	

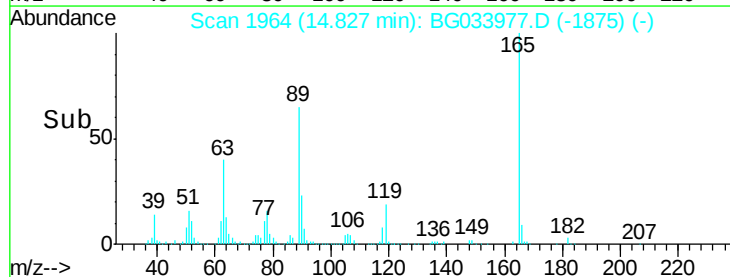
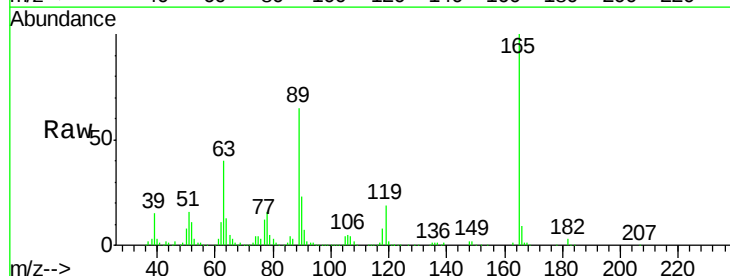
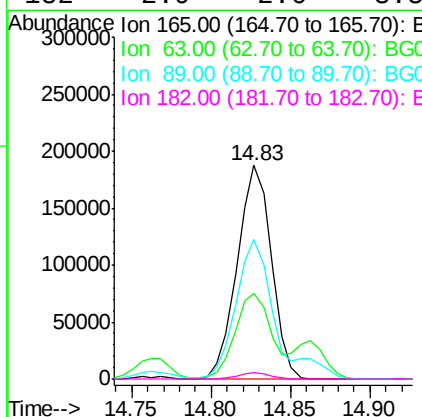
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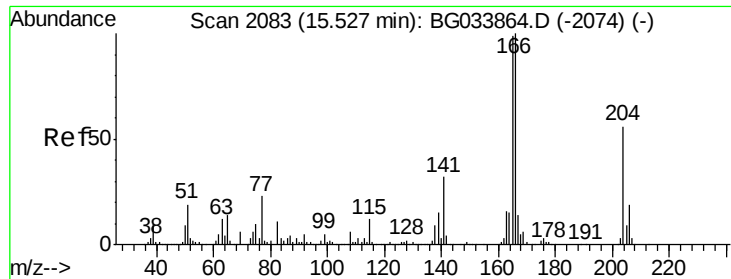
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#56
2,4-Dinitrotoluene
Concen: 54.929 ng
RT: 14.83 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BG033977.D
Acq: 25 Apr 2018 6:51

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	279443		
63	40.1	42.0	63.0#	
89	65.4	66.9	100.3#	
182	2.9	2.6	3.8	





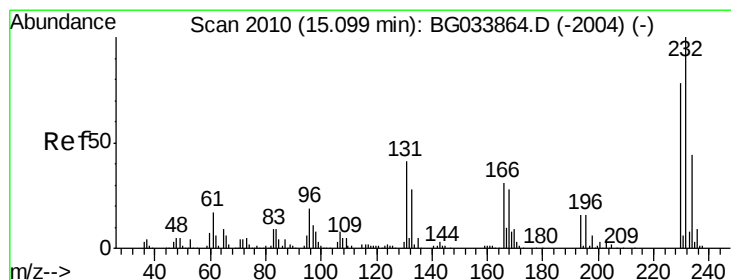
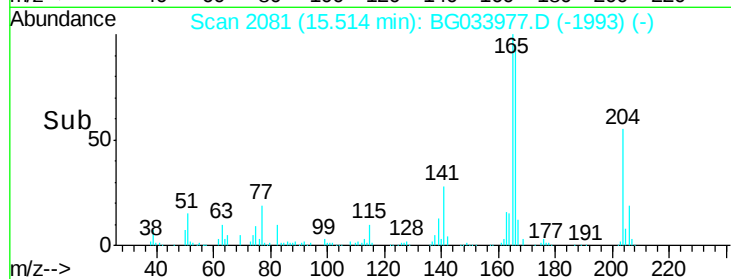
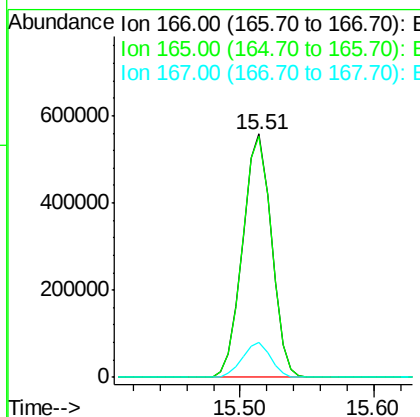
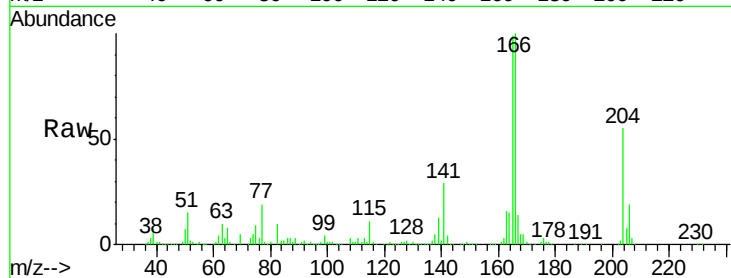
#57
Fluorene
 Concen: 43.862 ng
 RT: 15.51 min Scan# 2081
 Delta R.T. -0.01 min
 Lab File: BG033977.D
 Acq: 25 Apr 2018 6:51

Instrument :
 BNA_G
 ClientSampleId :
 KS-RO-238MSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100	827704		
165	99.2	80.6	121.0	
167	14.3	10.4	15.6	

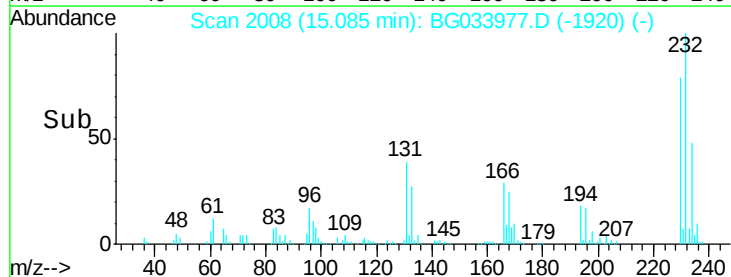
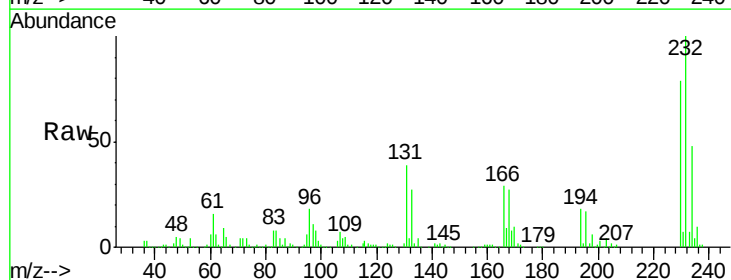
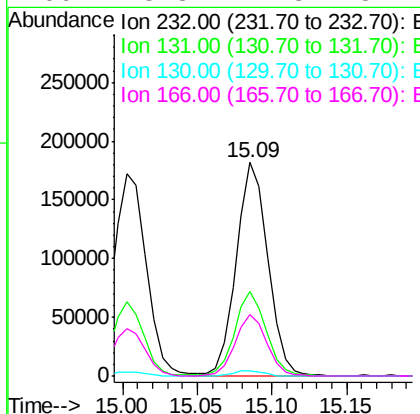
Manual Integrations
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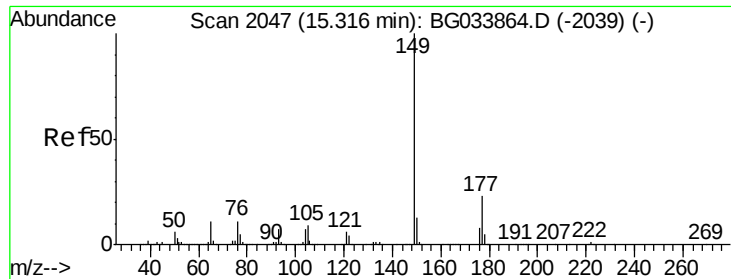
Sohil
 4/25/2018 4:25:52 PM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 55.060 ng
 RT: 15.09 min Scan# 2008
 Delta R.T. -0.01 min
 Lab File: BG033977.D
 Acq: 25 Apr 2018 6:51

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	269293		
131	38.5	33.5	50.3	
130	2.2	2.2	3.2	
166	28.3	24.8	37.2	





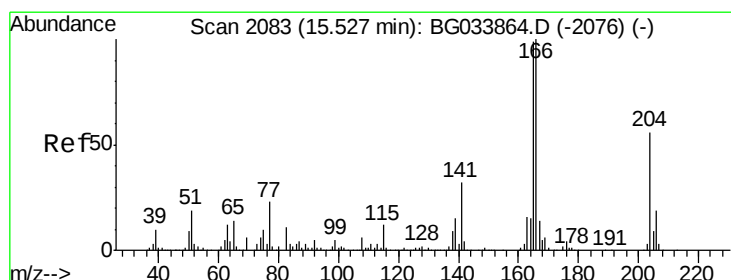
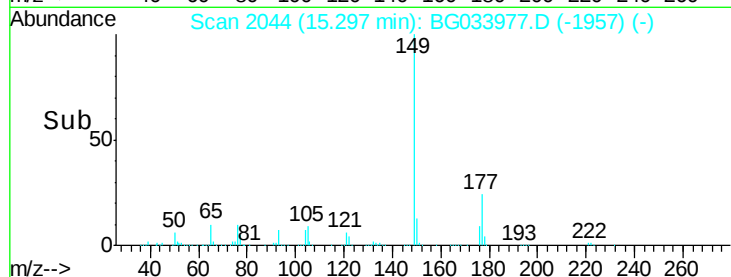
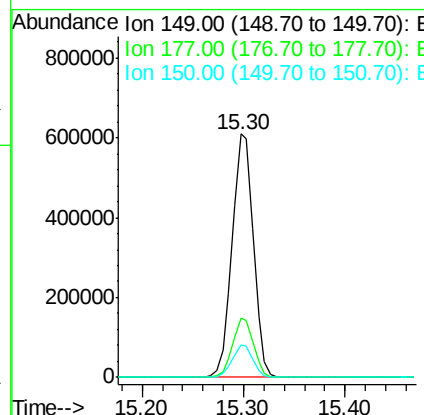
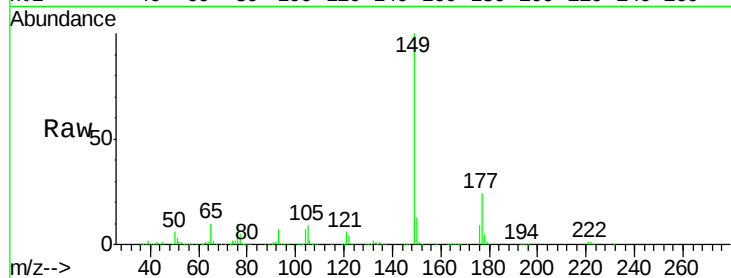
#59
Diethylphthalate
Concen: 41.466 ng
RT: 15.30 min Scan# 2044
Delta R.T. -0.02 min
Lab File: BG033977.D
Acq: 25 Apr 2018 6:51

Instrument :
BNA_G
ClientSampleId :
KS-RO-238MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	884812		
177	24.2	18.5	27.7	
150	13.5	10.2	15.2	

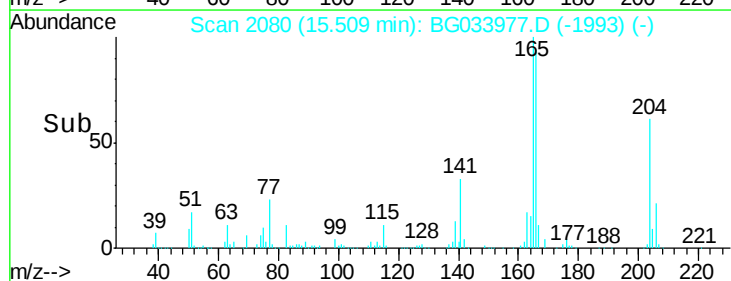
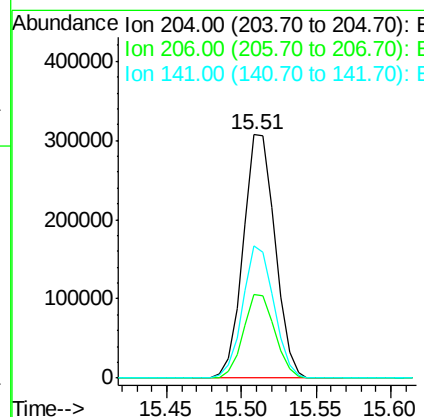
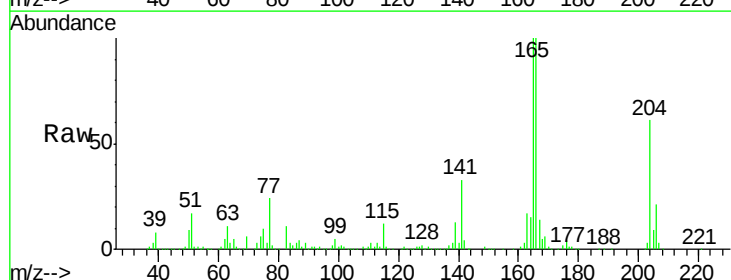
Manual Integrations
APPROVED

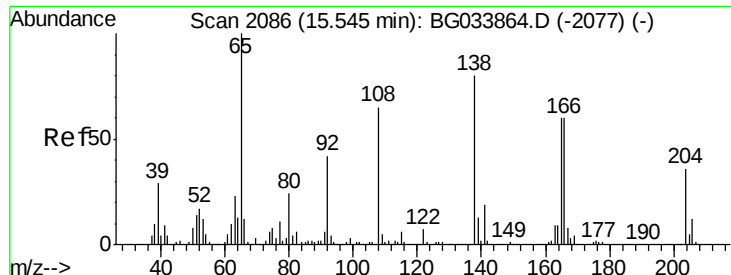
Sohil
4/25/2018 4:25:52 PM



#60
4-Chlorophenyl-phenylether
Concen: 45.994 ng
RT: 15.51 min Scan# 2080
Delta R.T. -0.02 min
Lab File: BG033977.D
Acq: 25 Apr 2018 6:51

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	453975		
206	34.1	26.2	39.2	
141	54.4	45.8	68.6	





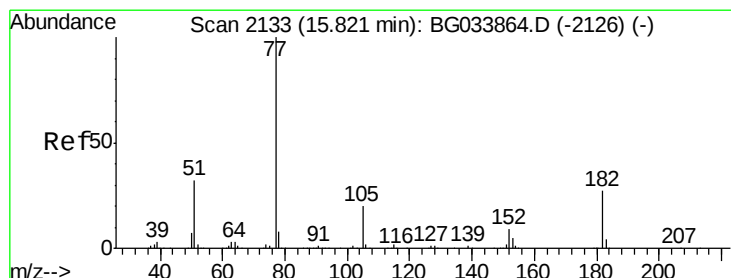
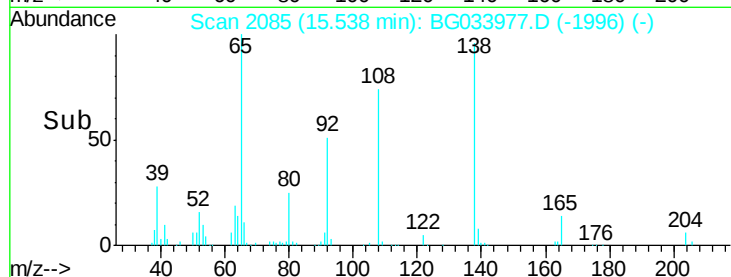
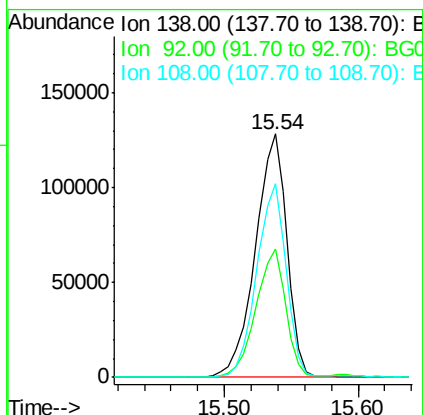
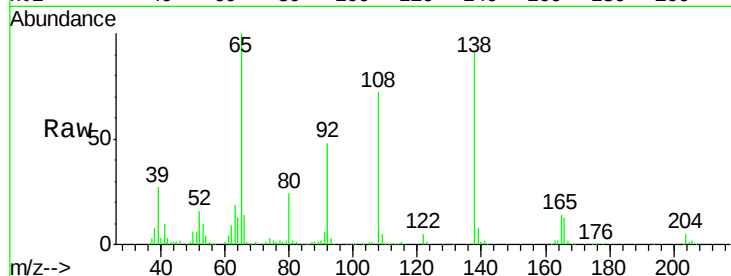
#61
4-Nitroaniline
Concen: 47.389 ng
RT: 15.54 min Scan# 2085
Delta R.T. -0.01 min
Lab File: BG033977.D
Acq: 25 Apr 2018 6:51

Instrument :
BNA_G
ClientSampleId :
KS-RO-238MSD

Tot Ion	Ratio	Resp	Lower	Upper
138	100	209020		
92	52.6	40.1	80.1	
108	79.4	65.4	105.4	

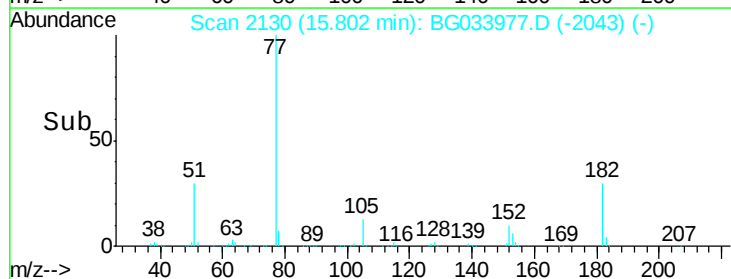
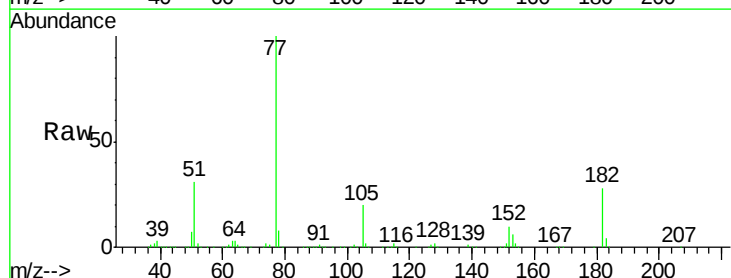
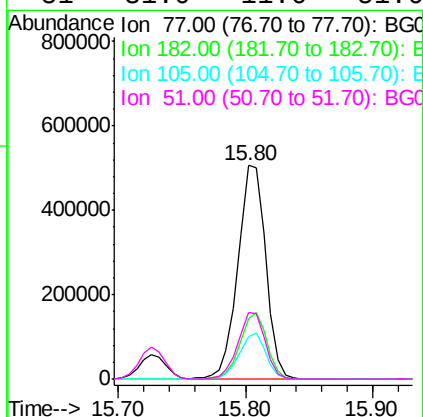
Manual Integrations
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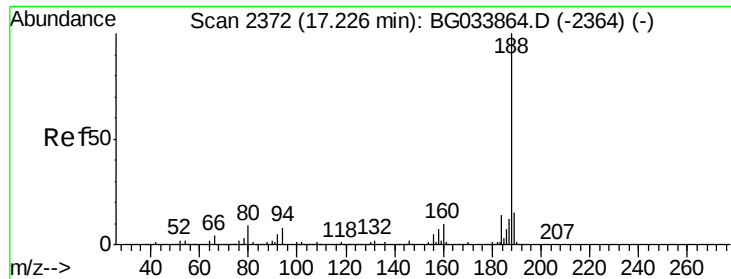
Sohil
4/25/2018 4:25:52 PM



#62
Azobenzene
Concen: 40.429 ng
RT: 15.80 min Scan# 2130
Delta R.T. -0.02 min
Lab File: BG033977.D
Acq: 25 Apr 2018 6:51

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	769012		
182	28.3	7.4	47.4	
105	20.0	0.3	40.3	
51	31.0	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: BG033977.D

Acq: 25 Apr 2018 6:51

Instrument :

BNA_G

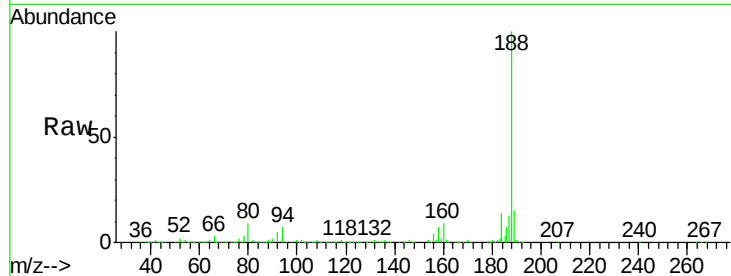
ClientSampleId :

KS-RO-238MSD

Tot Ion:	188	Resp:	563967
Ion Ratio	Lower	Upper	
188	100		
94	6.9	6.9	10.3
80	8.6	7.7	11.5

Manual Integrations
APPROVED

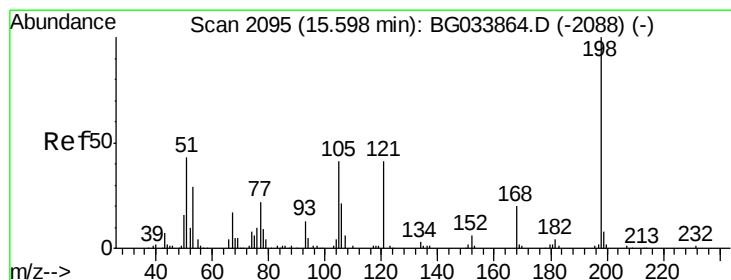
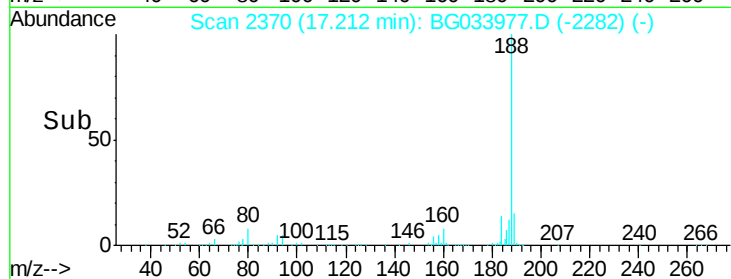
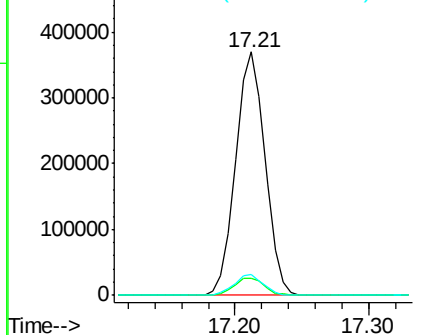
Sohil
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 38.272 ng

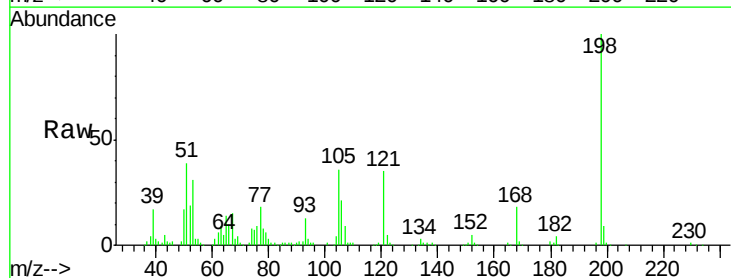
RT: 15.59 min Scan# 2094

Delta R.T. -0.01 min

Lab File: BG033977.D

Acq: 25 Apr 2018 6:51

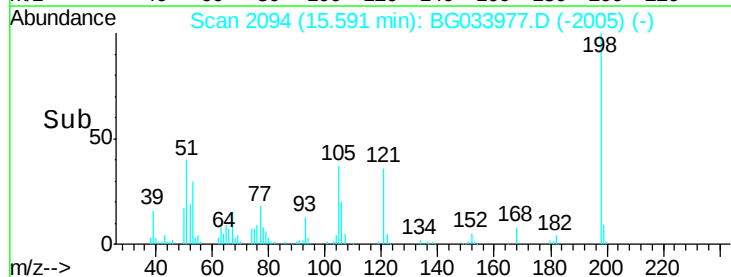
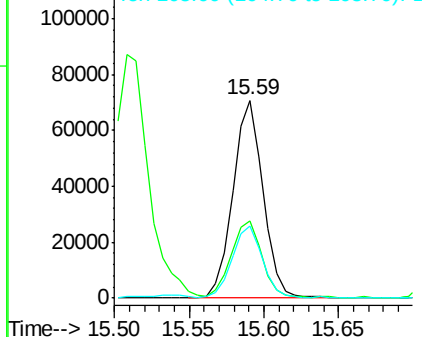
Tgt Ion:	198	Resp:	99804
Ion Ratio	Lower	Upper	
198	100		
51	38.9	30.6	70.6
105	36.3	23.8	63.8

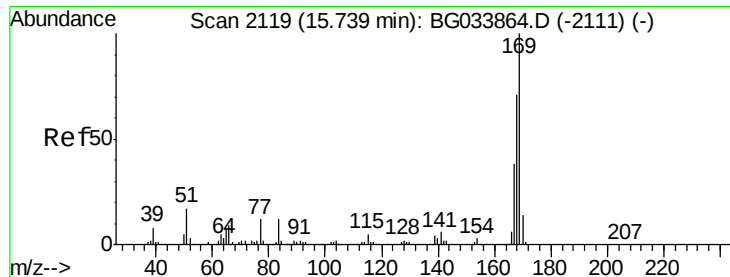


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





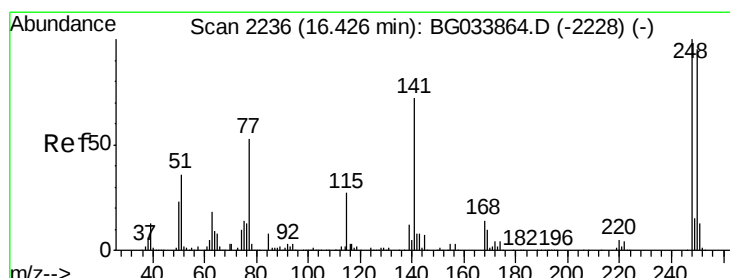
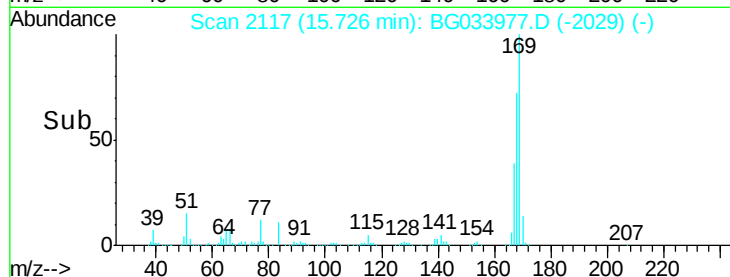
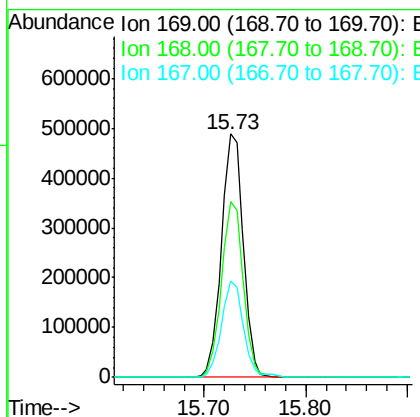
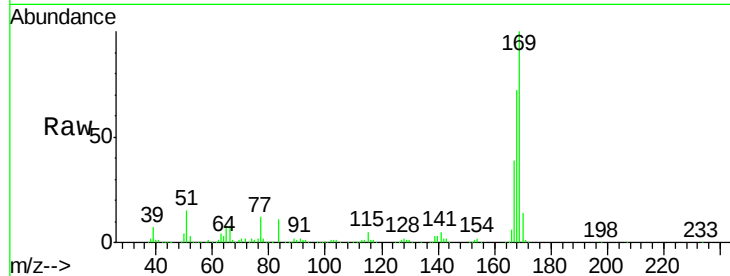
#65
n-Nitrosodiphenylamine
Concen: 44.486 ng
RT: 15.73 min Scan# 2117
Delta R.T. -0.01 min
Lab File: BG033977.D
Acq: 25 Apr 2018 6:51

Instrument :
BNA_G
ClientSampleId :
KS-RO-238MSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	729400		
168	72.4		55.7	83.5
167	39.4		30.1	45.1

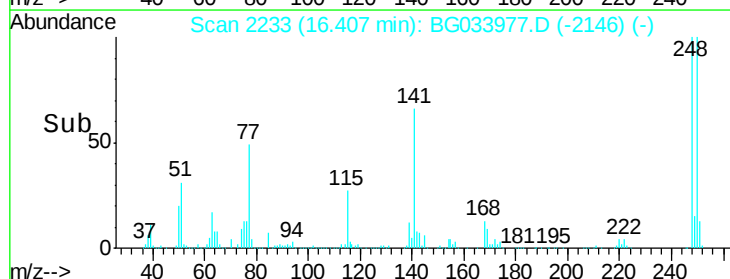
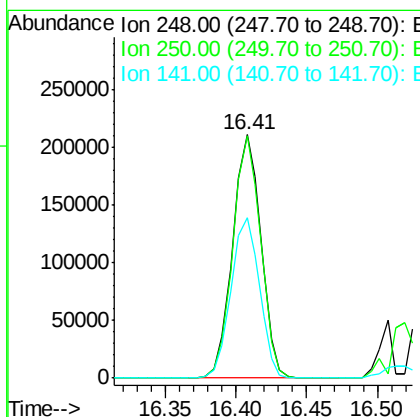
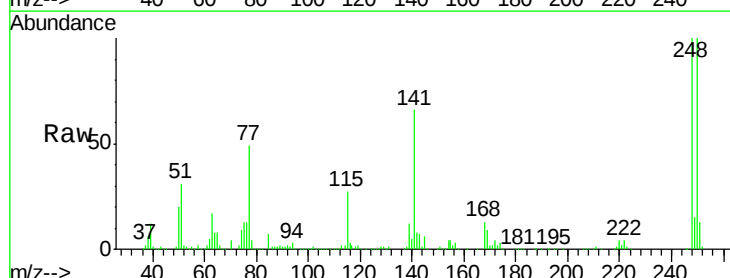
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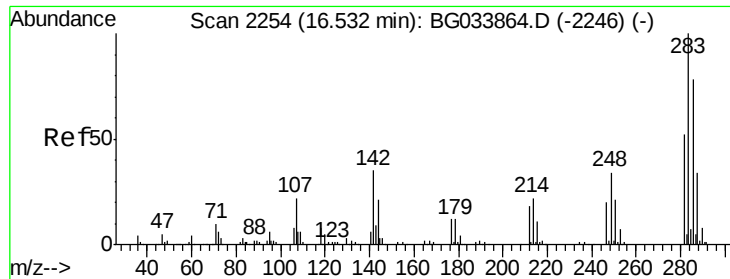
Sohil
4/25/2018 4:25:52 PM



#66
4-Bromophenyl-phenylether
Concen: 47.655 ng
RT: 16.41 min Scan# 2233
Delta R.T. -0.02 min
Lab File: BG033977.D
Acq: 25 Apr 2018 6:51

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	295153		
250	99.6		77.1	115.7
141	66.1		50.8	76.2





#67

Hexachlorobenzene

Concen: 46.213 ng

RT: 16.51 min Scan# 2251

Delta R.T. -0.02 min

Lab File: BG033977.D

Acq: 25 Apr 2018 6:51

Instrument :

BNA_G

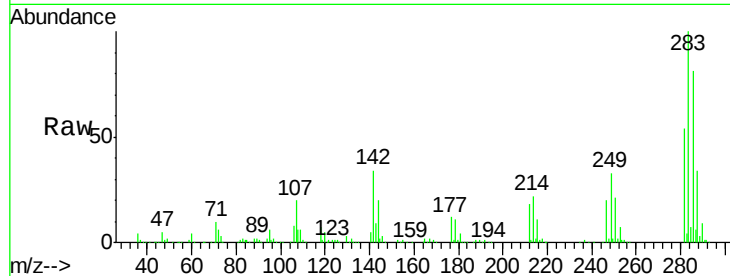
ClientSampleId :

KS-RO-238MSD

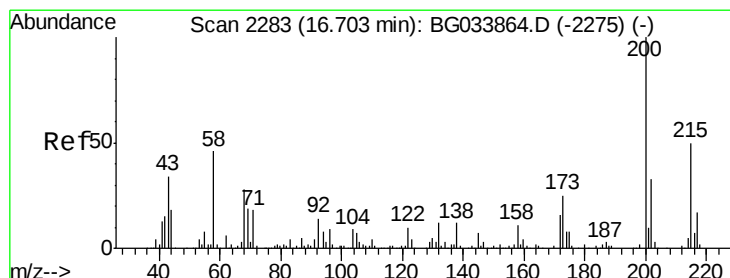
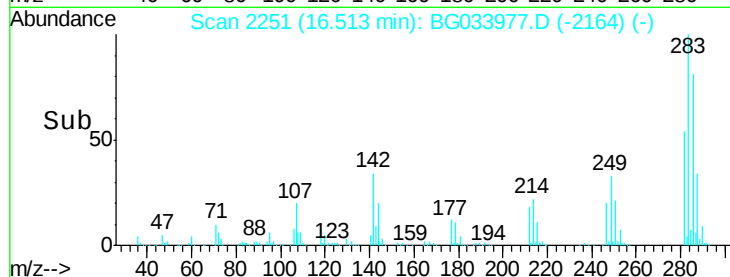
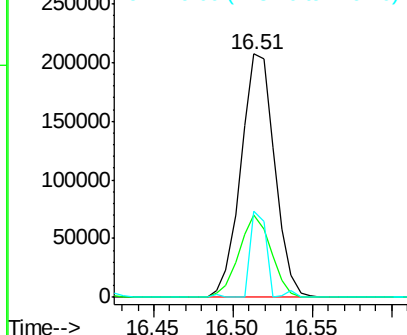
Tot Ion:	284	Resp:	305244
Ion Ratio		Lower	Upper
284	100		
142	33.7	26.8	40.2
249	35.3	26.3	39.5

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: 47.057 ng

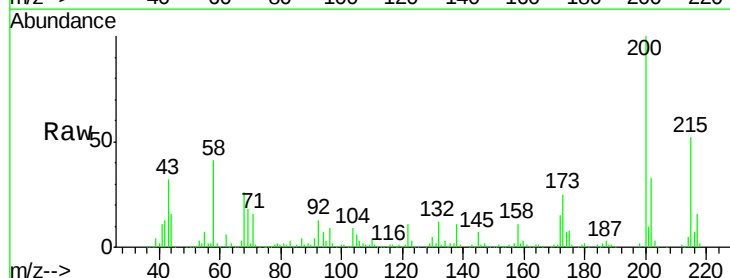
RT: 16.68 min Scan# 2280

Delta R.T. -0.02 min

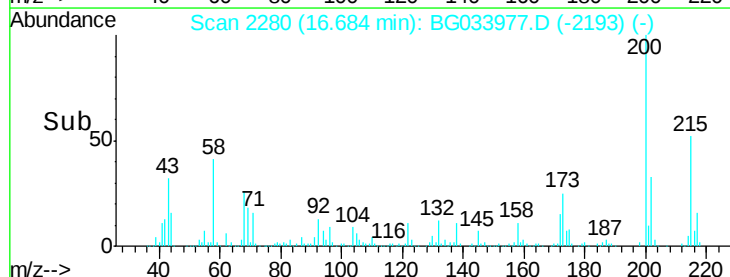
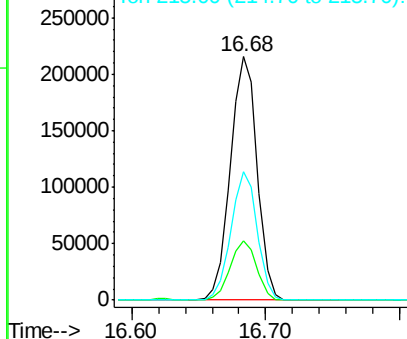
Lab File: BG033977.D

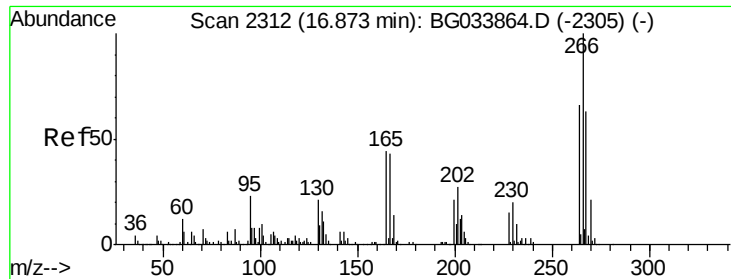
Acq: 25 Apr 2018 6:51

Tgt Ion:	200	Resp:	302264
Ion Ratio		Lower	Upper
200	100		
173	24.5	5.2	45.2
215	52.5	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





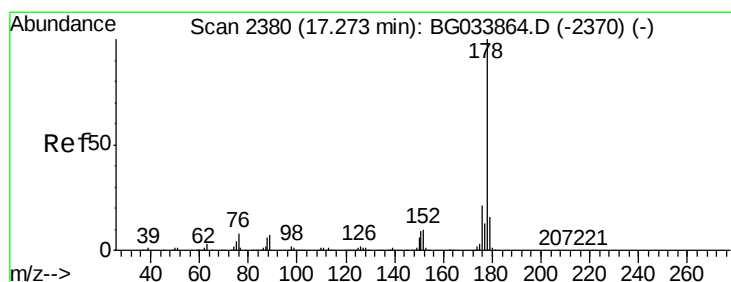
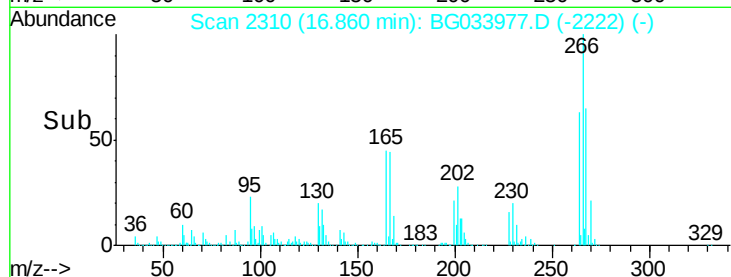
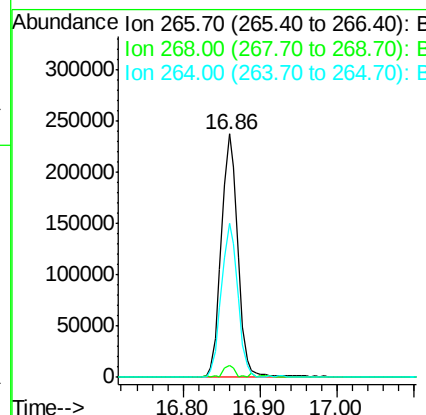
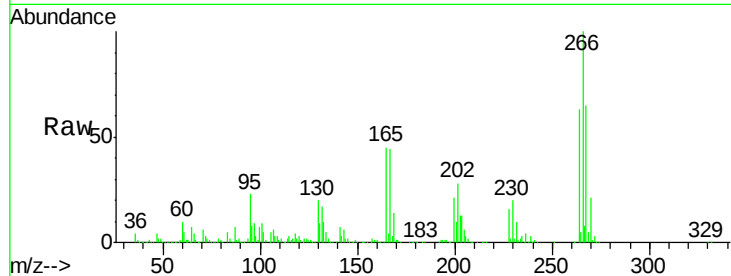
#69
 Pentachlorophenol
 Concen: 78.041 ng
 RT: 16.86 min Scan# 2310
 Delta R.T. -0.01 min
 Lab File: BG033977.D
 Acq: 25 Apr 2018 6:51

Instrument :
 BNA_G
 ClientSampleId :
 KS-RO-238MSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	4.6	51.1	76.7#
264	68.8	49.6	74.4

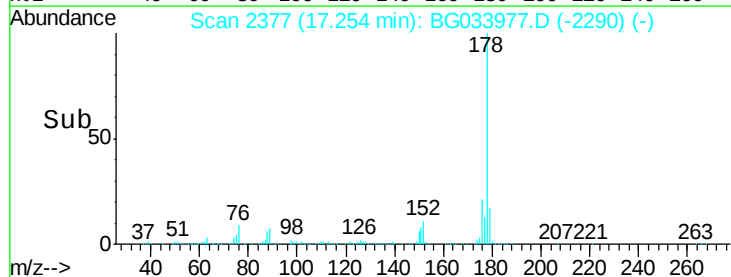
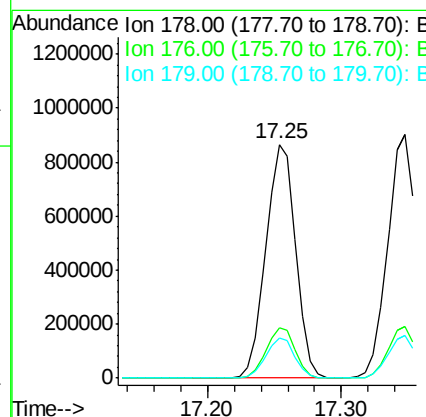
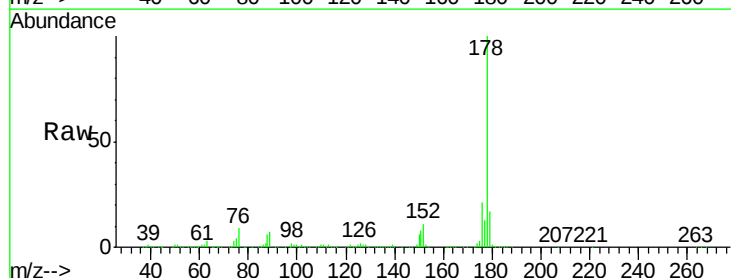
Manual Integrations
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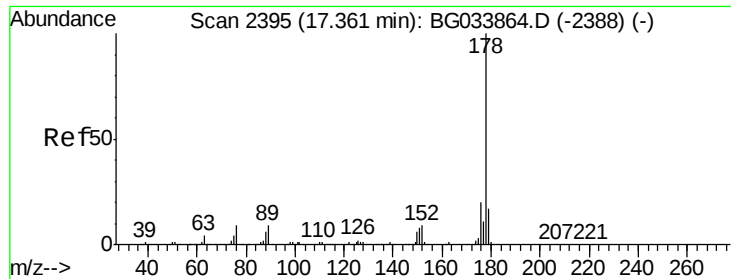
Sohil
 4/25/2018 4:25:52 PM



#70
 Phenanthrene
 Concen: 44.090 ng
 RT: 17.25 min Scan# 2377
 Delta R.T. -0.02 min
 Lab File: BG033977.D
 Acq: 25 Apr 2018 6:51

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.4	15.7	23.5
179	17.3	12.5	18.7





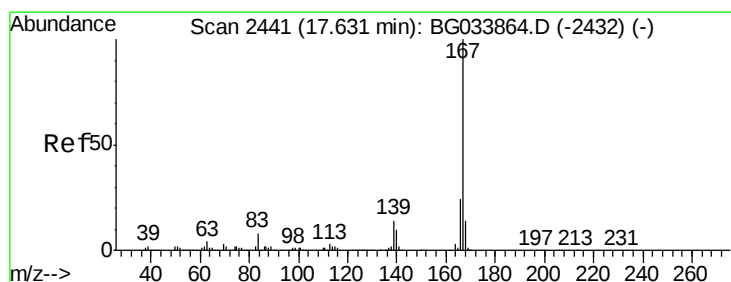
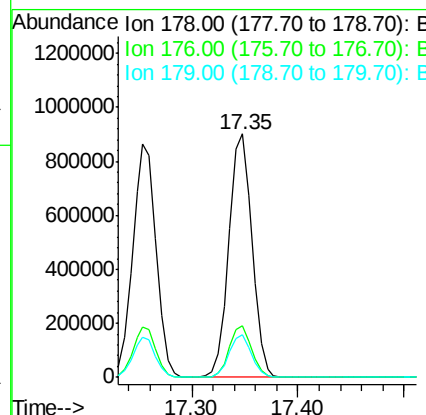
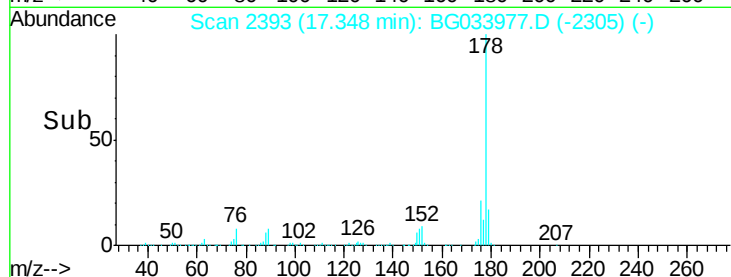
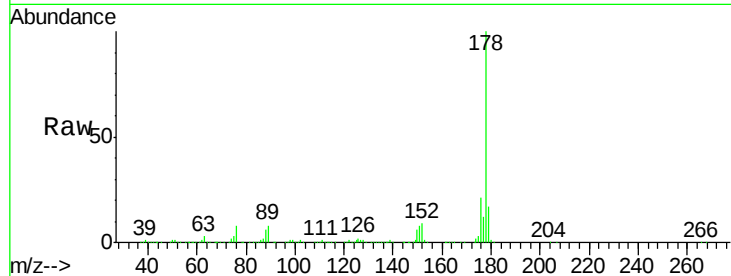
#71
 Anthracene
 Concen: 45.133 ng
 RT: 17.35 min Scan# 2393
 Delta R.T. -0.01 min
 Lab File: BG033977.D
 Acq: 25 Apr 2018 6:51

Instrument :
 BNA_G
 ClientSampleId :
 KS-RO-238MSD

Tot Ion	Ion	Ratio	Lower	Upper
178	100			
176	21.3	16.0	24.0	
179	17.3	12.5	18.7	

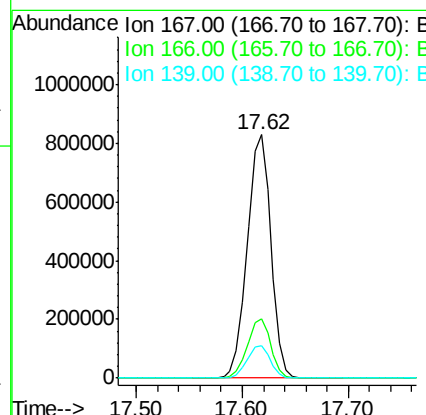
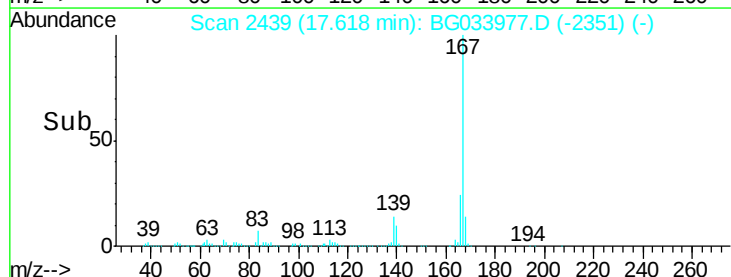
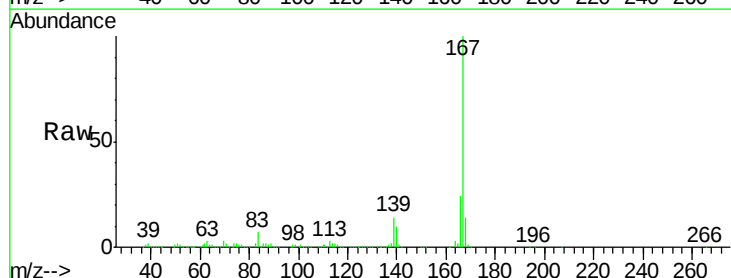
Manual Integrations
 APPROVED

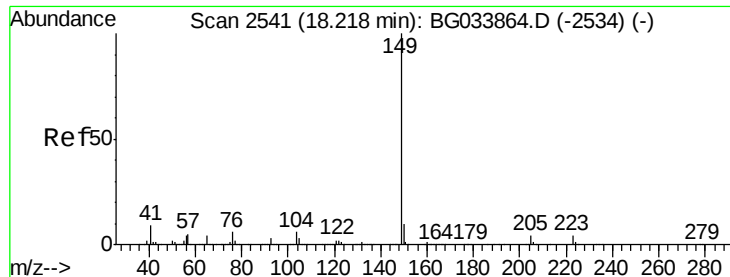
Sohil
 4/25/2018 4:25:52 PM



#72
 Carbazole
 Concen: 44.000 ng
 RT: 17.62 min Scan# 2439
 Delta R.T. -0.01 min
 Lab File: BG033977.D
 Acq: 25 Apr 2018 6:51

Tgt Ion	Ion	Ratio	Lower	Upper
167	100			
166	24.5	18.2	27.4	
139	13.5	9.4	14.2	





#73

Di-n-butylphthalate

Concen: 41.581 ng

RT: 18.19 min Scan# 2537

Delta R.T. -0.02 min

Lab File: BG033977.D

Acq: 25 Apr 2018 6:51

Instrument :

BNA_G

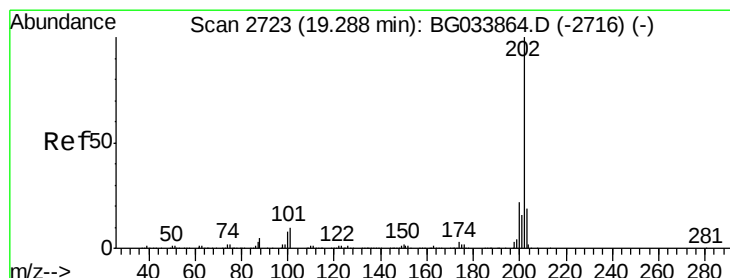
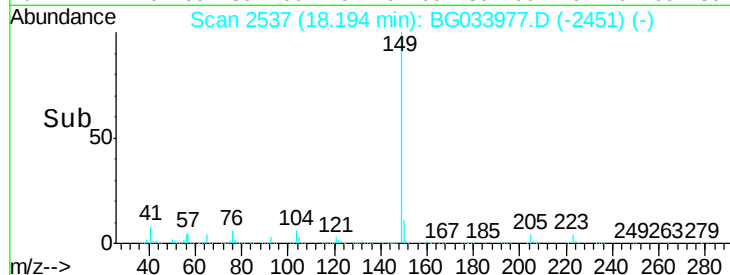
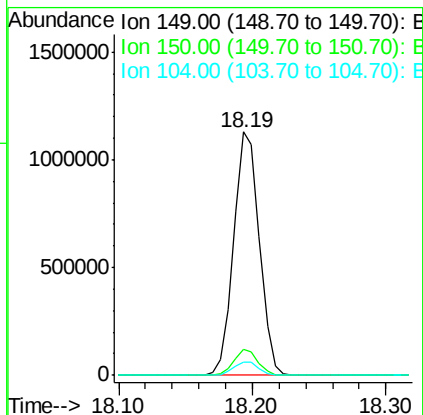
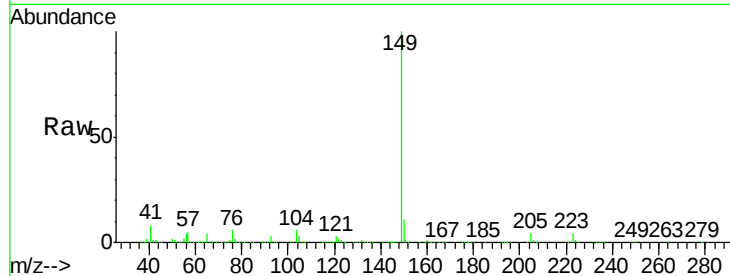
ClientSampleId :

KS-RO-238MSD

Tot Ion:	149	Resp:	1509885
Ion	Ratio	Lower	Upper
149	100		
150	10.5	7.8	11.6
104	5.6	3.9	5.9

Manual Integrations
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#74

Fluoranthene

Concen: 45.479 ng

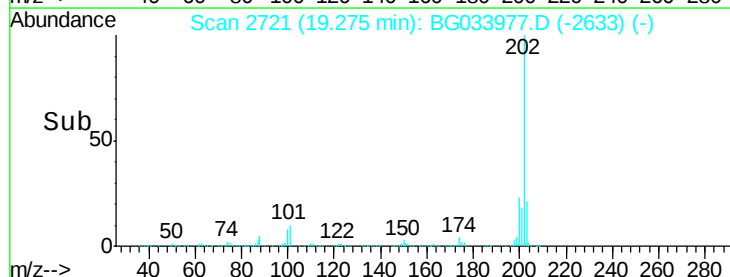
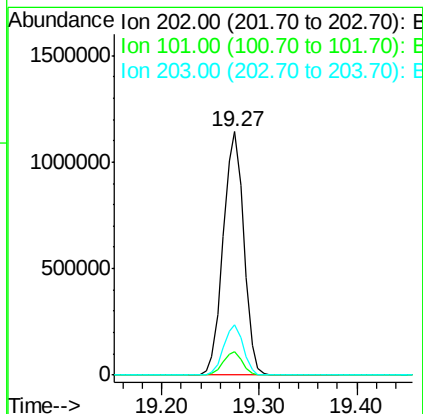
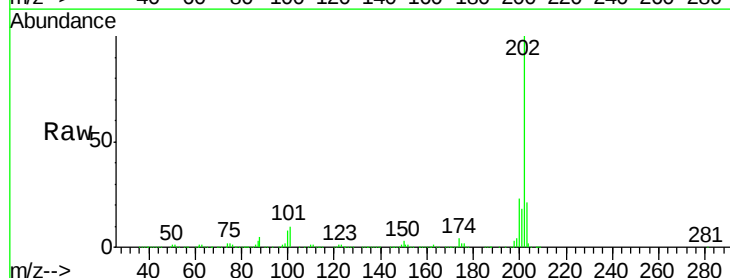
RT: 19.27 min Scan# 2721

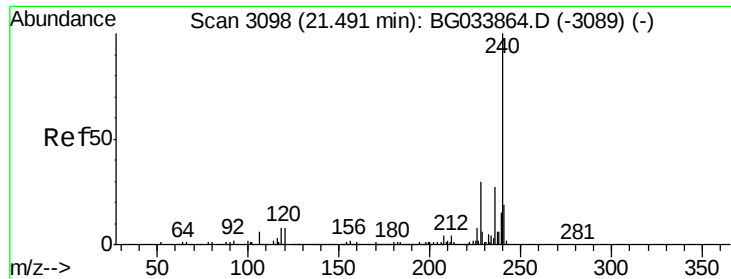
Delta R.T. -0.01 min

Lab File: BG033977.D

Acq: 25 Apr 2018 6:51

Tgt Ion:	202	Resp:	1664400
Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	28.9
203	20.7	0.0	37.5





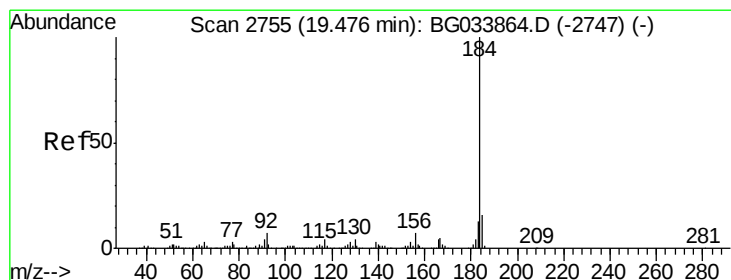
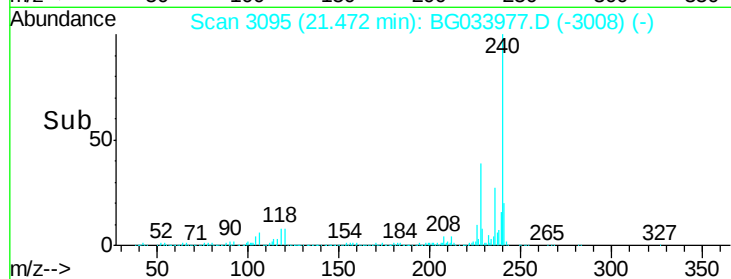
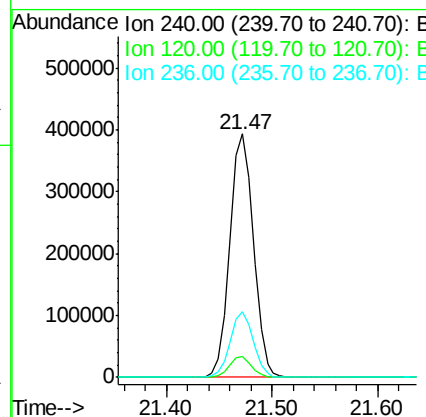
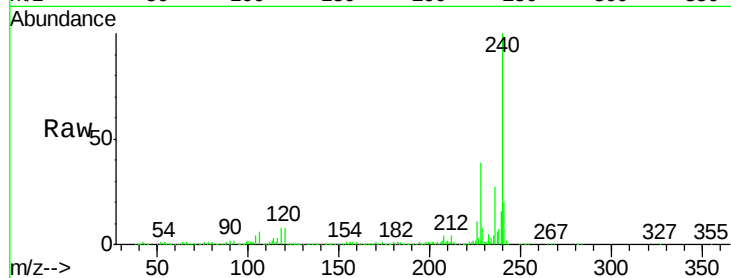
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.47 min Scan# 3095
Delta R.T. -0.02 min
Lab File: BG033977.D
Acq: 25 Apr 2018 6:51

Instrument :
BNA_G
ClientSampleId :
KS-RO-238MSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	8.4	6.8	10.2
236	27.0	20.9	31.3

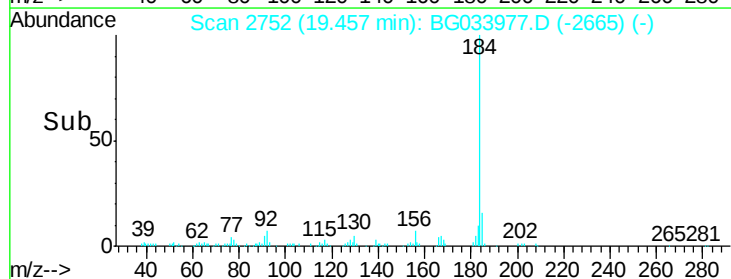
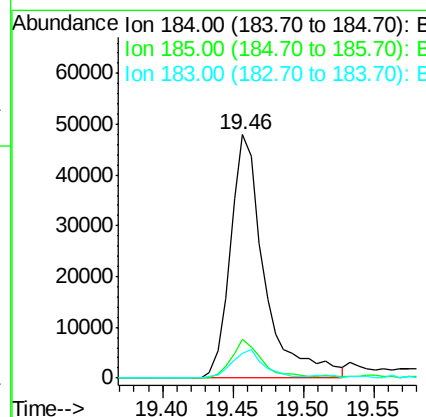
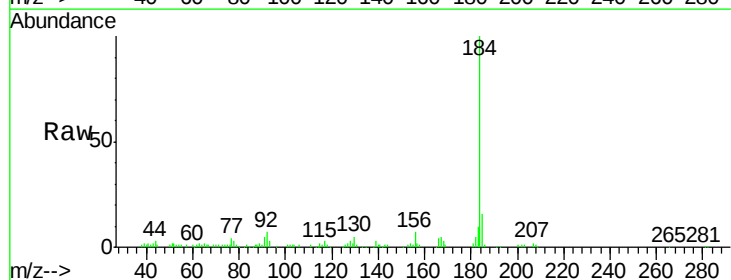
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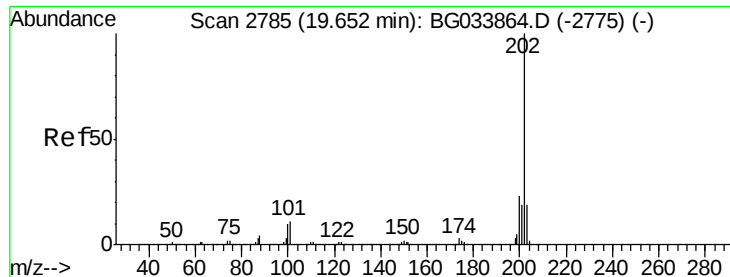
Sohil
4/25/2018 4:25:52 PM



#76
Benzidine
Concen: 4.908 ng
RT: 19.46 min Scan# 2752
Delta R.T. -0.02 min
Lab File: BG033977.D
Acq: 25 Apr 2018 6:51

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.8	11.1	16.7
183	10.4	10.6	16.0#





#77

Pvrene

Concen: 41.933 ng

RT: 19.64 min Scan# 2783

Delta R.T. -0.01 min

Lab File: BG033977.D

Acq: 25 Apr 2018 6:51

Instrument :

BNA_G

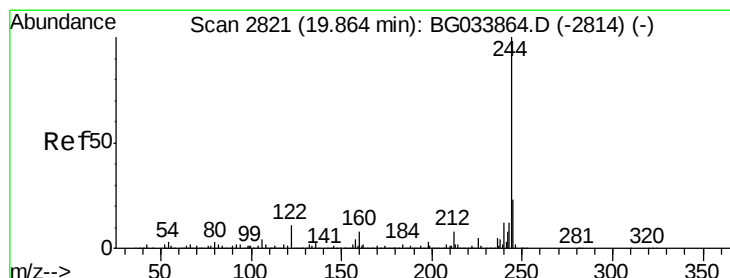
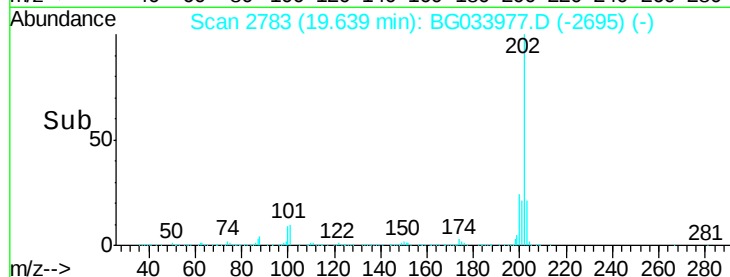
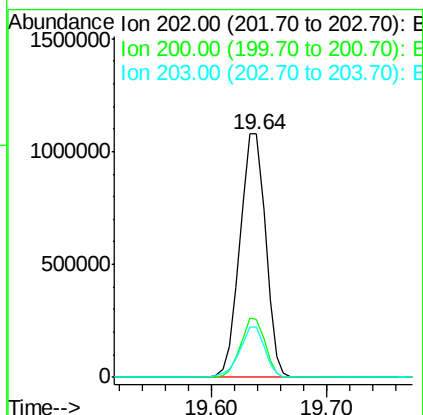
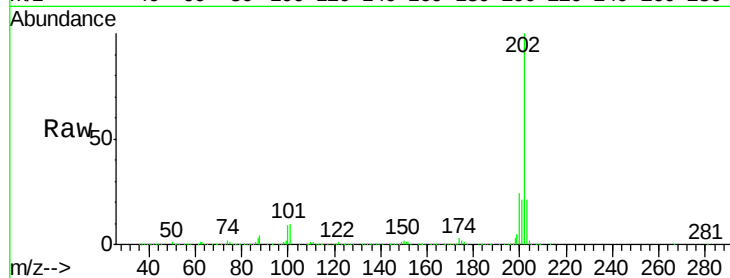
ClientSampleId :

KS-RO-238MSD

Tot Ion:	202	Resp:	1670445
Ion	Ratio	Lower	Upper
202	100		
200	23.7	16.9	25.3
203	20.7	13.9	20.9

Manual Integrations
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#78

Terphenyl-d14

Concen: 85.664 ng

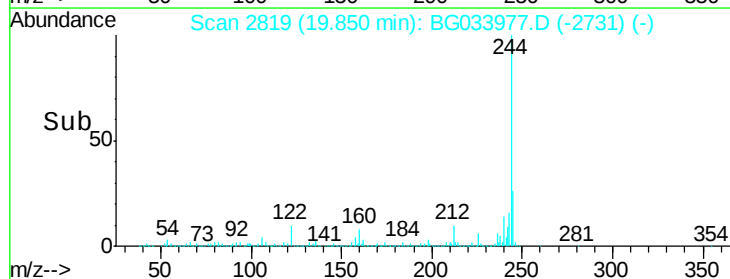
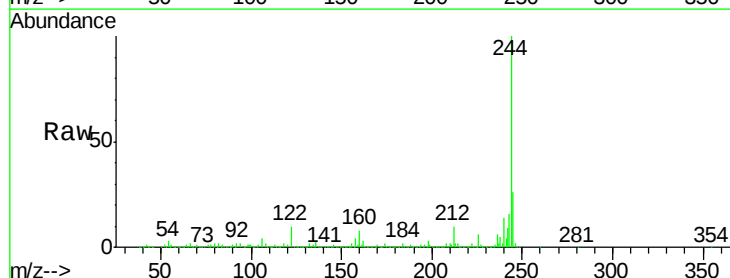
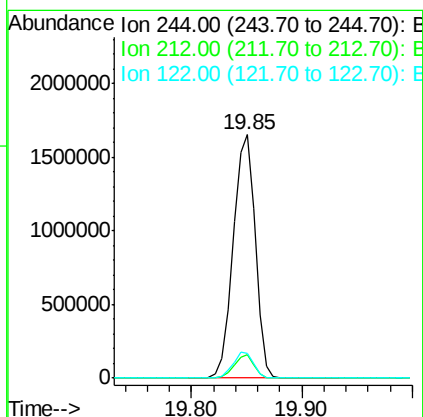
RT: 19.85 min Scan# 2819

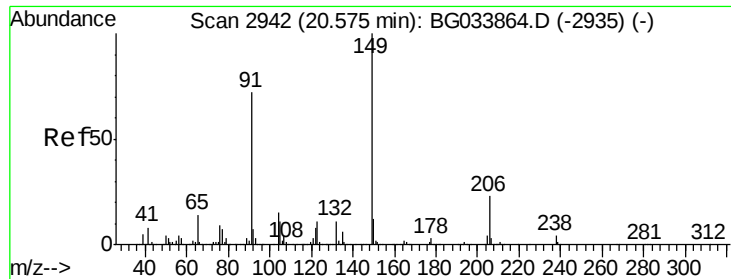
Delta R.T. -0.01 min

Lab File: BG033977.D

Acq: 25 Apr 2018 6:51

Tgt Ion:	244	Resp:	2315837
Ion	Ratio	Lower	Upper
244	100		
212	9.5	5.8	8.8#
122	10.3	7.0	10.4





#79

Butylbenzylphthalate

Concen: 42.642 ng

RT: 20.55 min Scan# 2938

Delta R.T. -0.02 min

Lab File: BG033977.D

Acq: 25 Apr 2018 6:51

Instrument :

BNA_G

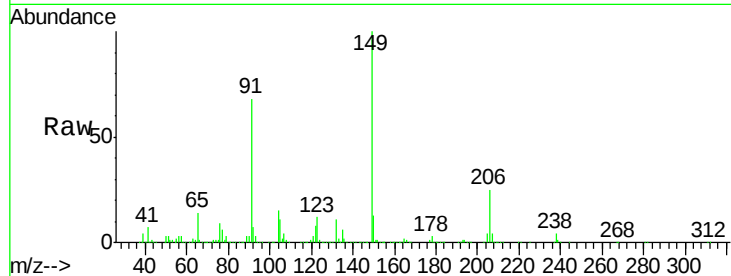
ClientSampleId :

KS-RO-238MSD

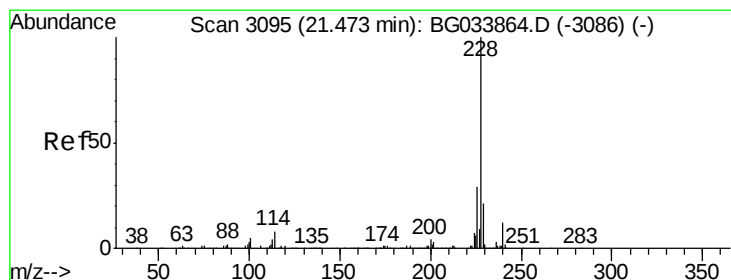
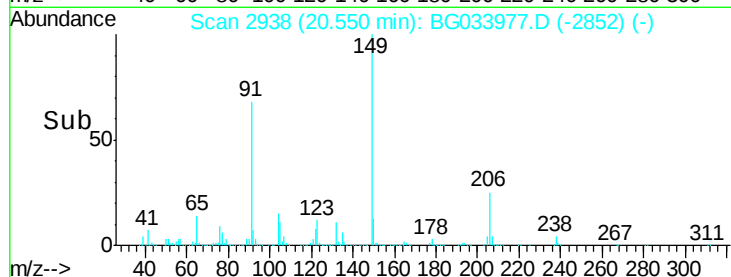
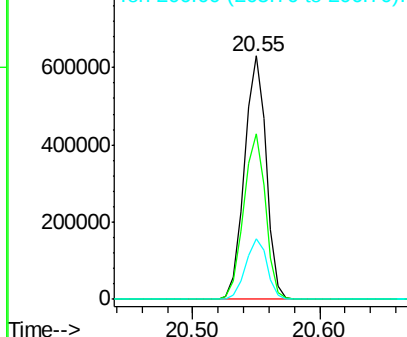
Tot Ion:	149	Resp:	745975
Ion Ratio	Lower	Upper	
149	100		
91	68.1	62.2	93.2
206	24.9	18.6	27.8

Manual Integrations
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BGC
Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 45.010 ng

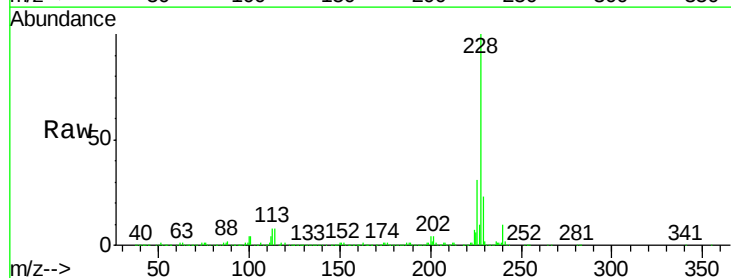
RT: 21.45 min Scan# 3092

Delta R.T. -0.02 min

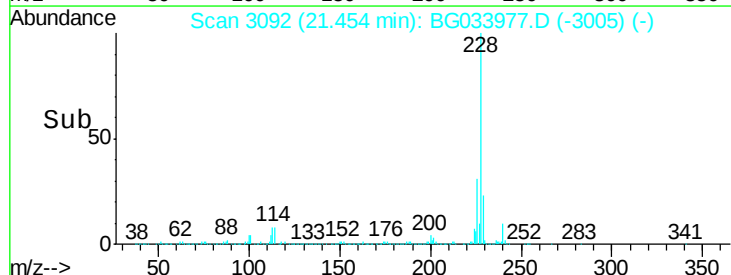
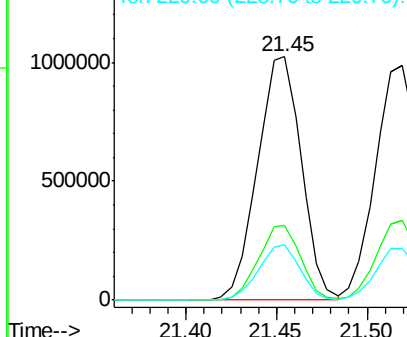
Lab File: BG033977.D

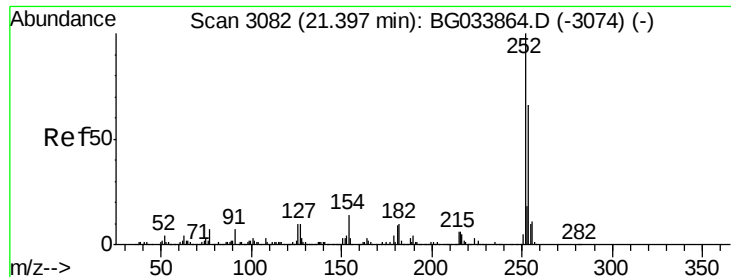
Acq: 25 Apr 2018 6:51

Tgt Ion:	228	Resp:	1723778
Ion Ratio	Lower	Upper	
228	100		
226	30.8	22.7	34.1
229	22.6	16.2	24.2



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





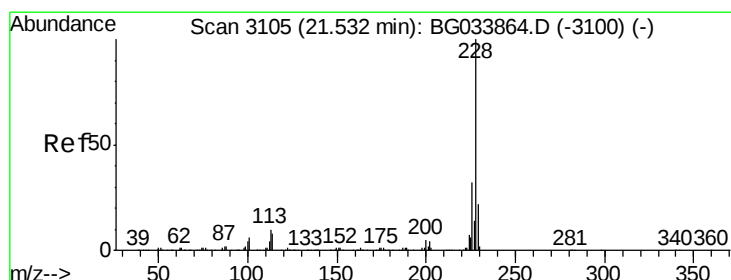
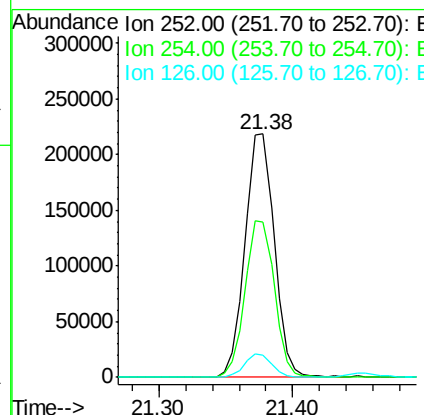
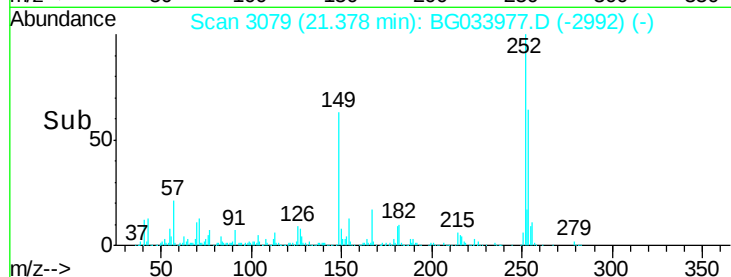
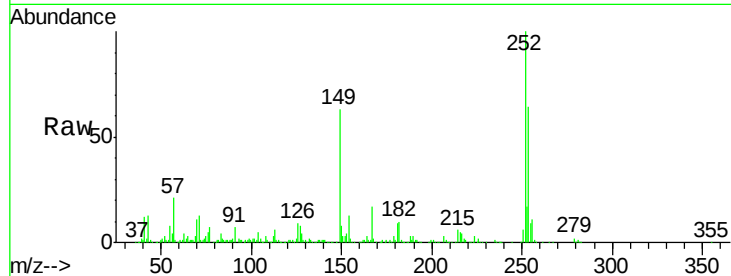
#81
 3,3'-Dichlorobenzidine
 Concen: 23.202 ng
 RT: 21.38 min Scan# 3079
 Delta R.T. -0.02 min
 Lab File: BG033977.D
 Acq: 25 Apr 2018 6:51

Instrument :
 BNA_G
 ClientSampleId :
 KS-RO-238MSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.5	50.8	76.2
126	9.3	7.4	11.2

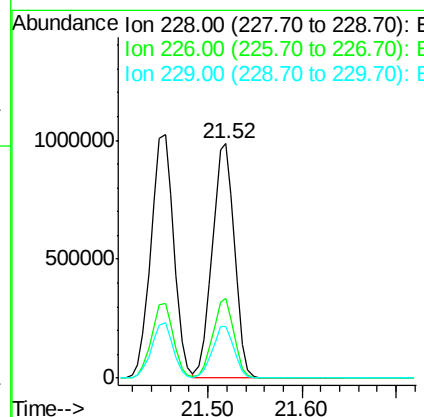
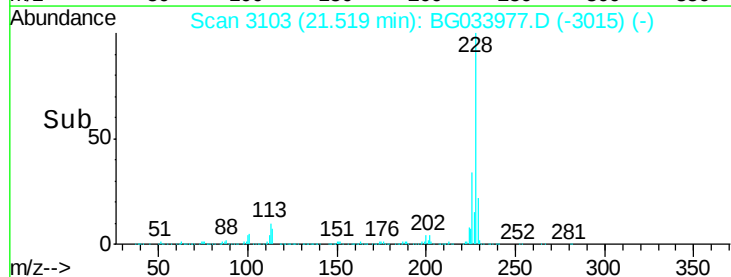
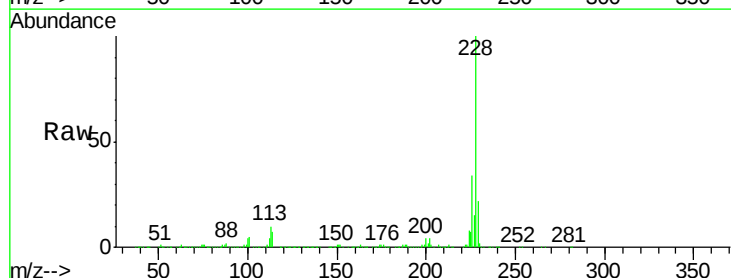
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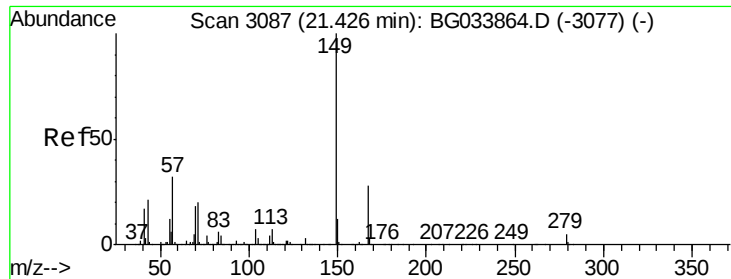
Sohil
 4/25/2018 4:25:52 PM



#82
 Chrysene
 Concen: 44.656 ng
 RT: 21.52 min Scan# 3103
 Delta R.T. -0.01 min
 Lab File: BG033977.D
 Acq: 25 Apr 2018 6:51

Tgt Ion	Ratio	Lower	Upper
228	100		
226	34.0	24.9	37.3
229	21.8	15.0	22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.300 ng

RT: 21.40 min Scan# 3082

Delta R.T. -0.03 min

Lab File: BG033977.D

Acq: 25 Apr 2018 6:51

Instrument :

BNA_G

ClientSampleId :

KS-RO-238MSD

Tot Ion:149 Resp: 1045053

Ion Ratio Lower Upper

149 100

167 30.0 24.3 36.5

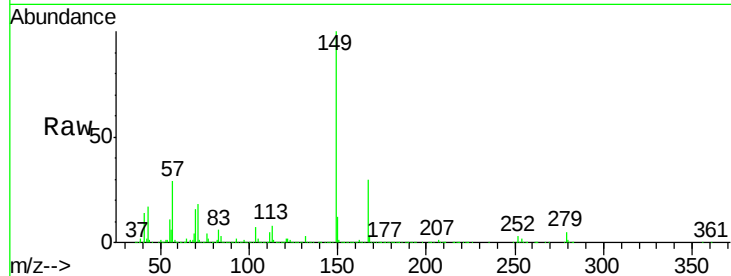
279 5.2 4.0 6.0

Manual Integrations

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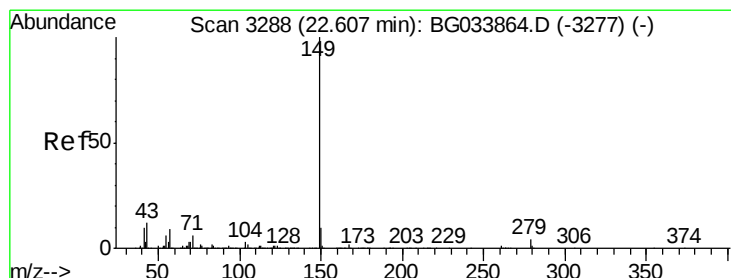
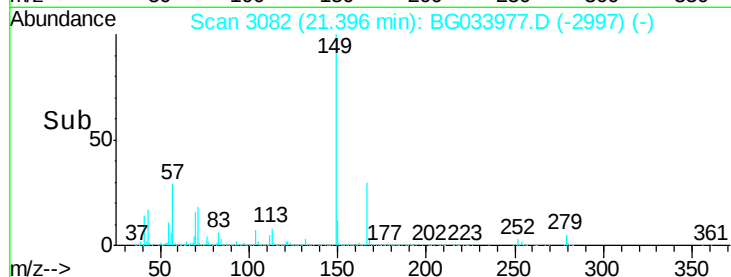
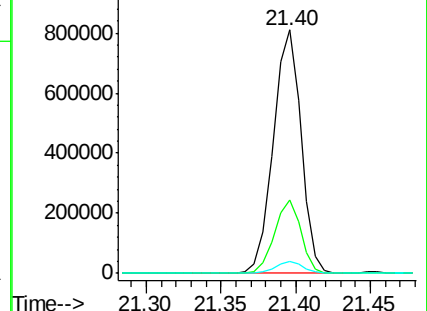
4/25/2018 4:25:52 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 45.305 ng

RT: 22.56 min Scan# 3280

Delta R.T. -0.05 min

Lab File: BG033977.D

Acq: 25 Apr 2018 6:51

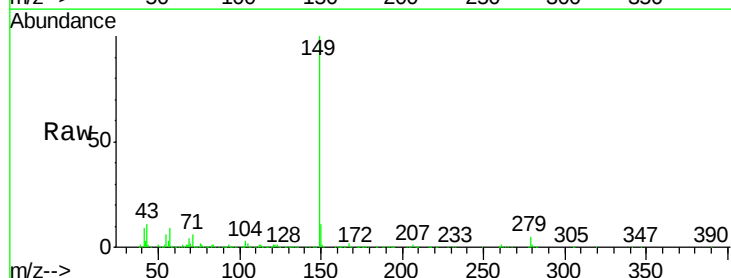
Tgt Ion:149 Resp: 1776606

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

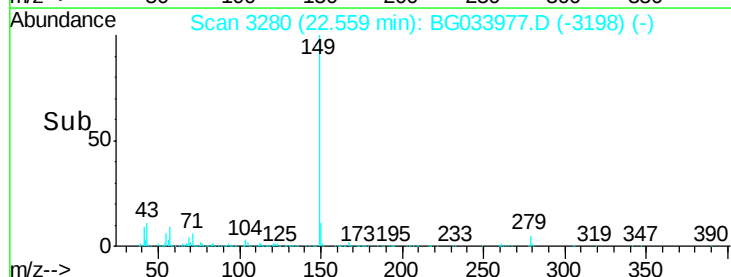
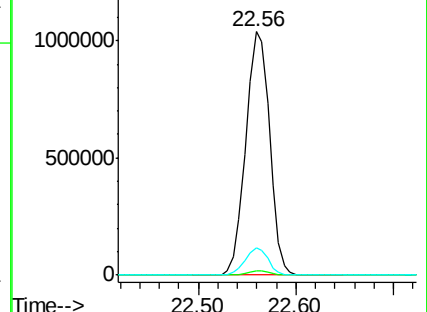
43 10.5 8.9 13.3

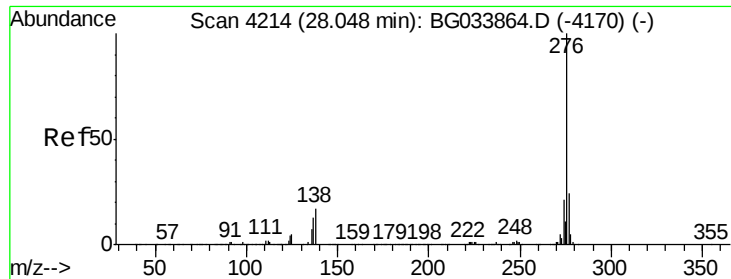


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG





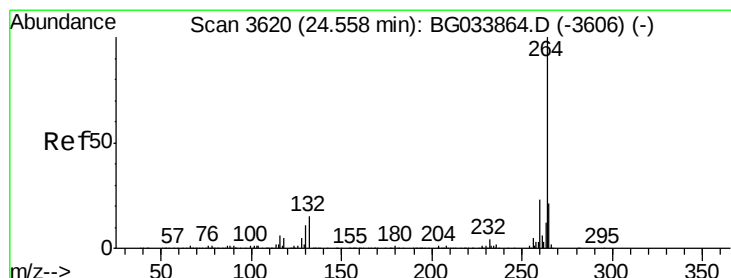
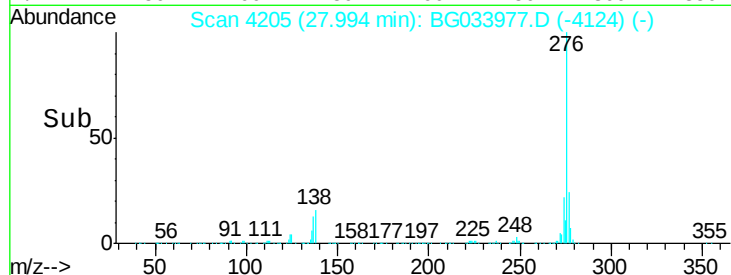
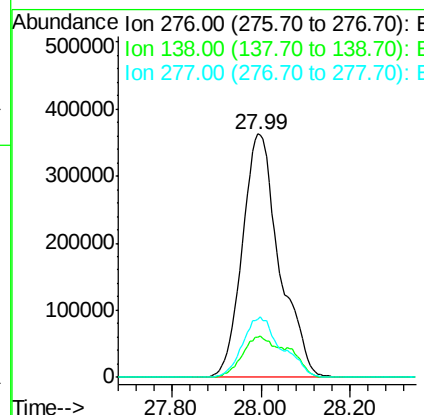
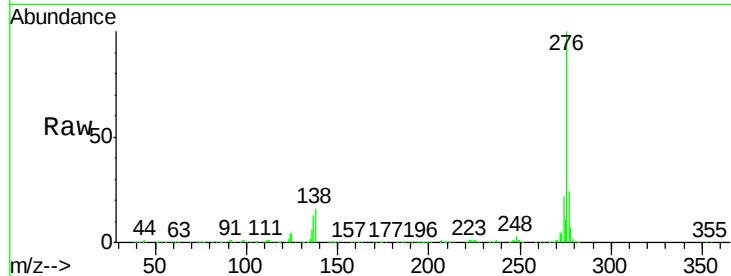
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 49.826 ng
 RT: 27.99 min Scan# 4205
 Delta R.T. -0.05 min
 Lab File: BG033977.D
 Acq: 25 Apr 2018 6:51

Instrument :
 BNA_G
 ClientSampleId :
 KS-RO-238MSD

Tot Ion	Ion	Ratio	Lower	Upper
276	100			
138	16.2	16.0	24.0	
277	26.1	20.0	30.0	

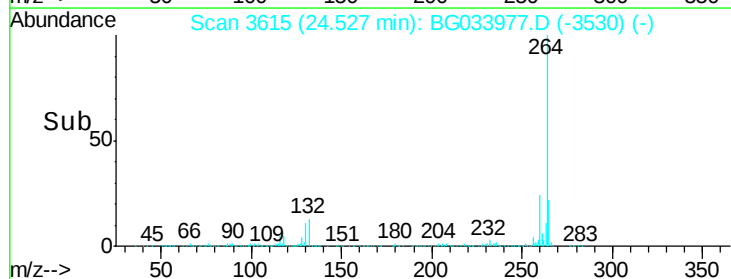
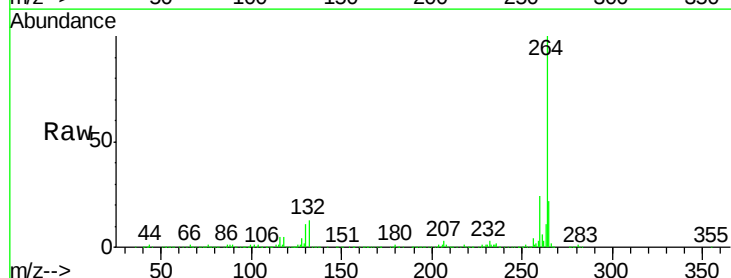
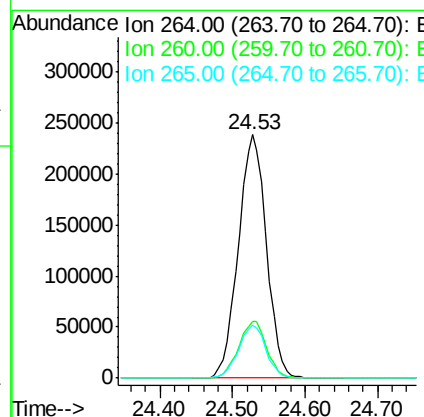
Manual Integrations
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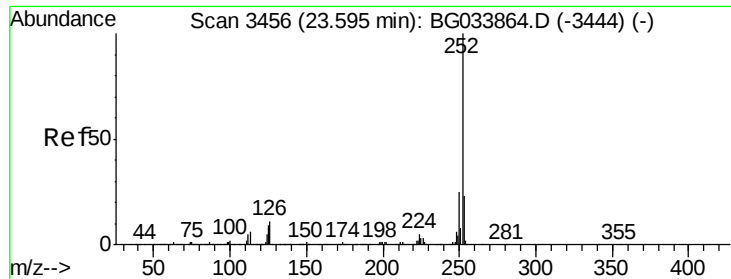
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.53 min Scan# 3615
 Delta R.T. -0.03 min
 Lab File: BG033977.D
 Acq: 25 Apr 2018 6:51

Tgt Ion	Ion	Ratio	Lower	Upper
264	100			
260	23.5	17.4	26.0	
265	21.8	17.7	26.5	





#87

Benzo(b)fluoranthene

Concen: 46.393 ng

RT: 23.56 min Scan# 3451

Delta R.T. -0.03 min

Lab File: BG033977.D

Acq: 25 Apr 2018 6:51

Instrument :

BNA_G

ClientSampleId :

KS-RO-238MSD

Tot Ion:252 Resp: 1809975

Ion Ratio Lower Upper

252 100

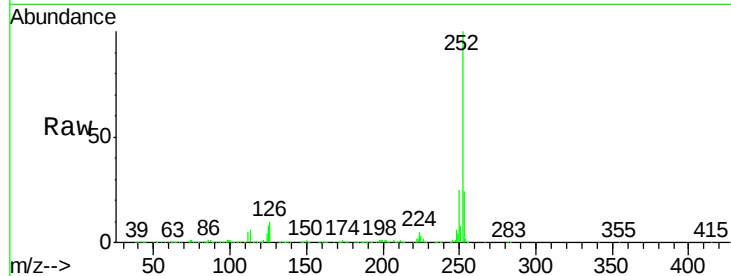
253 23.5 18.2 27.4

125 8.3 7.2 10.8

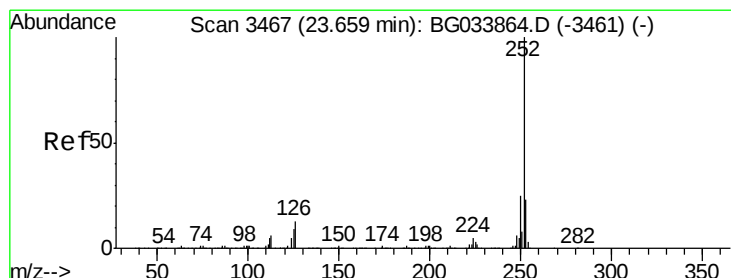
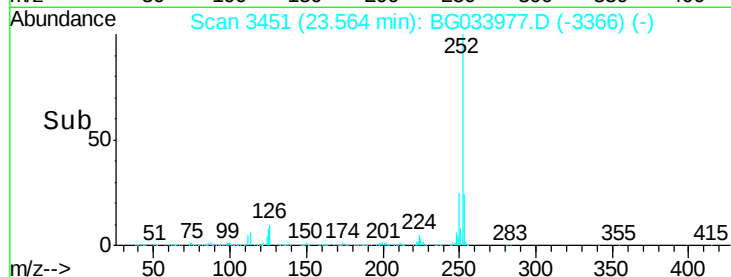
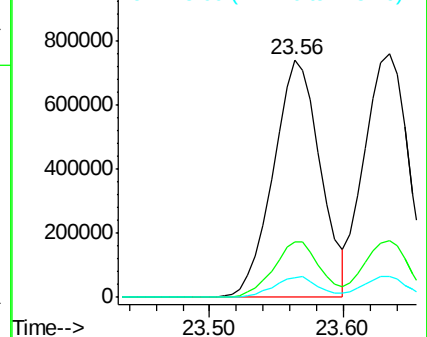
Manual Integrations
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 44.587 ng

RT: 23.63 min Scan# 3463

Delta R.T. -0.02 min

Lab File: BG033977.D

Acq: 25 Apr 2018 6:51

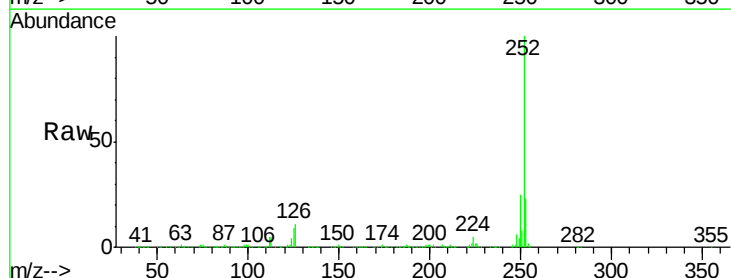
Tgt Ion:252 Resp: 1727917

Ion Ratio Lower Upper

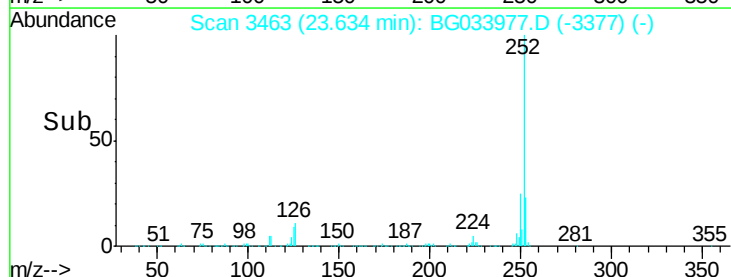
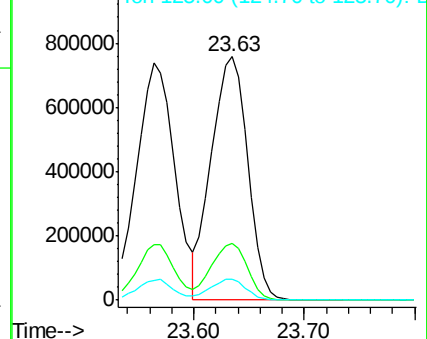
252 100

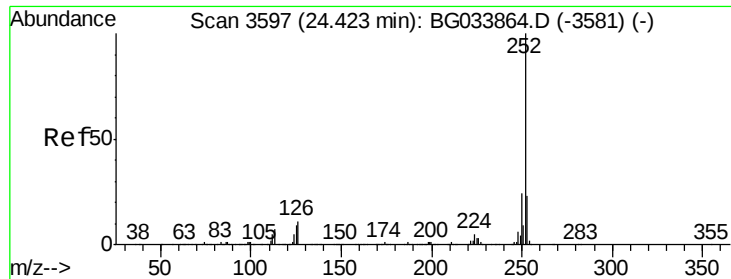
253 23.4 17.4 26.2

125 8.7 6.6 9.8



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





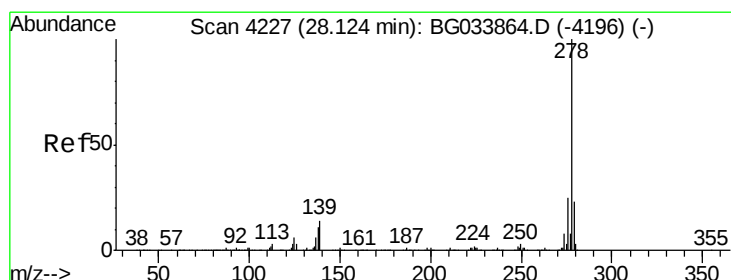
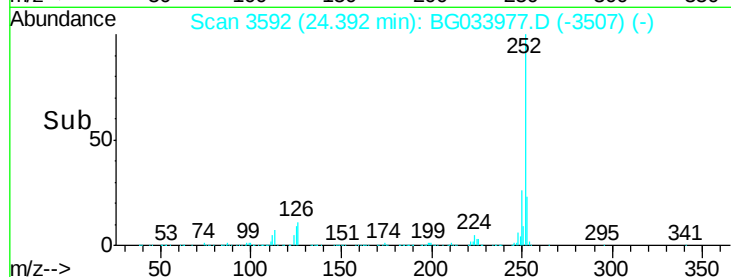
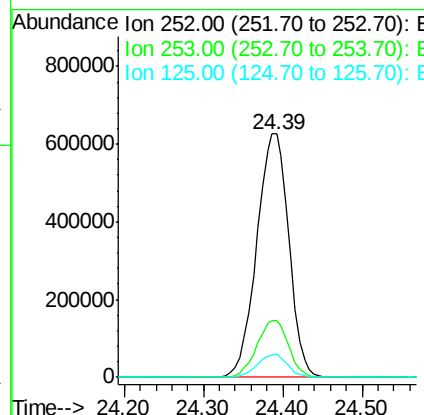
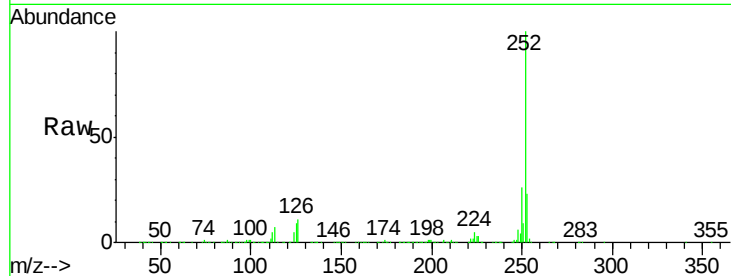
#89
Benzo(a)pyrene
Concen: 47.142 ng
RT: 24.39 min Scan# 3592
Delta R.T. -0.03 min
Lab File: BG033977.D
Acq: 25 Apr 2018 6:51

Instrument :
BNA_G
ClientSampleId :
KS-RO-238MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.3	27.5
125	9.5	7.3	10.9

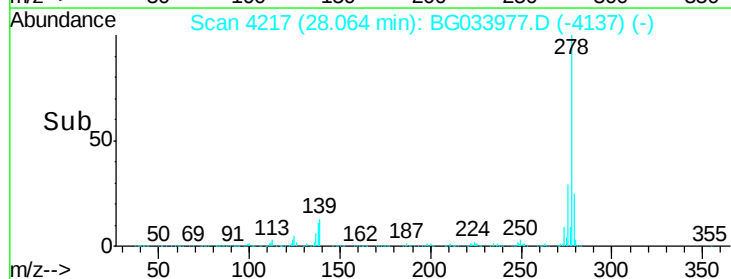
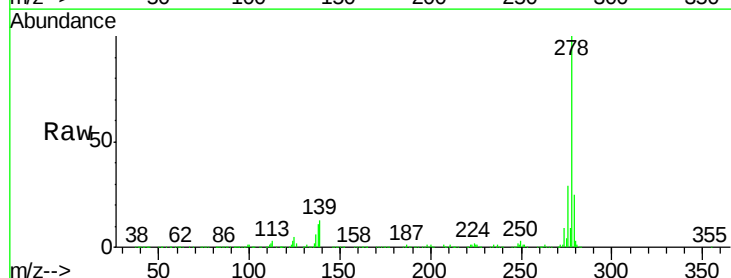
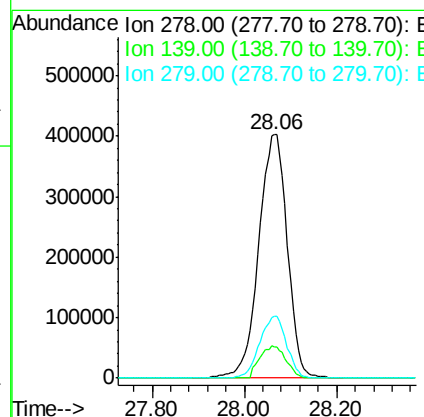
Manual Integrations
APPROVED

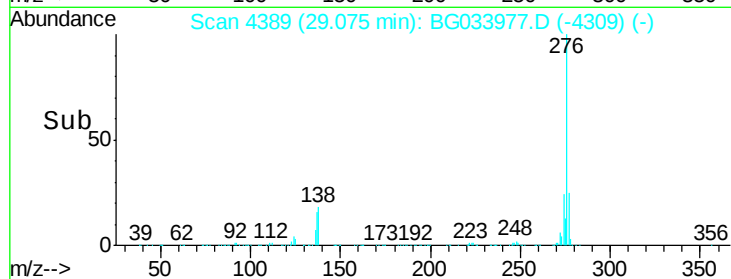
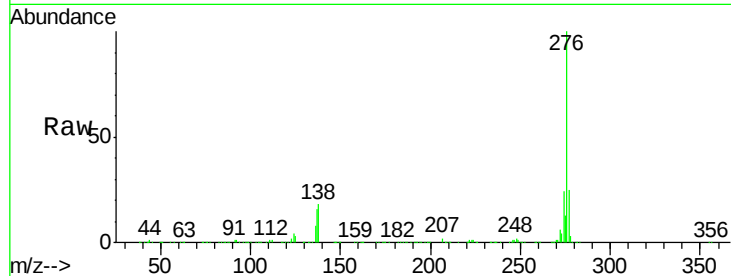
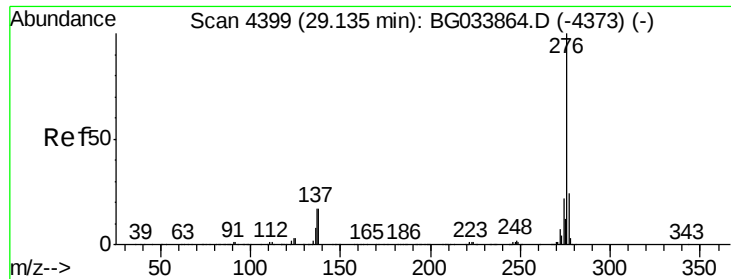
Sohil
4/25/2018 4:25:52 PM



#90
Dibenzo(a,h)anthracene
Concen: 47.776 ng
RT: 28.06 min Scan# 4217
Delta R.T. -0.06 min
Lab File: BG033977.D
Acq: 25 Apr 2018 6:51

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.6	9.8	14.6
279	25.4	18.4	27.6





#91

Benzo(a,h,i)perylene

Concen: 48.106 ng

RT: 29.07 min Scan# 4389

Delta R.T. -0.06 min

Lab File: BG033977.D

Acq: 25 Apr 2018 6:51

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.9	18.3	27.5
138	17.9	13.9	20.9

Instrument :

BNA_G

ClientSampleId :

KS-RO-238MSD

Manual Integrations
APPROVED

Sohil
4/25/2018 4:25:52 PM

