

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031418\
 Data File : BG033163.D
 Acq On : 15 Mar 2018 3:15
 Operator : SJ/JU
 Sample : J1749-04MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BU-02-031318MS

Manual Integrations
 APPROVED

Sohil
 3/15/2018 7:00:15 PM

Quant Time: Mar 15 11:19:58 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 14 13:59:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.90	152	38648	20.00	ng	0.00
21) Naphthalene-d8	11.78	136	176432	20.00	ng	0.00
38) Acenaphthene-d10	15.52	164	111139	20.00	ng	0.00
63) Phenanthrene-d10	18.24	188	265164	20.00	ng	0.00
75) Chrysene-d12	22.60	240	241561	20.00	ng	0.00
86) Perylene-d12	26.40	264	261715	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	6.32	112	350833	145.23	ng	0.00
7) Phenol-d6	8.01	99	445582	132.33	ng	0.00
23) Nitrobenzene-d5	10.10	82	317523	120.24	ng	0.00
41) 2,4,6-Tribromophenol	16.99	330	260917	223.28	ng	0.00
44) 2-Fluorobiphenyl	14.14	172	719984	93.43	ng	0.00
78) Terphenyl-d14	20.76	244	1255036	116.73	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.96	88	31219	29.777	ng	# 92
3) Pyridine	4.43	79	78177	27.054	ng	93
4) n-Nitrosodimethylamine	4.32	42	57954	50.024	ng	# 82
6) Aniline	8.19	93	60189	13.206	ng	96
8) 2-Chlorophenol	8.45	128	120967	45.749	ng	98
9) Benzaldehyde	8.00	77	32798	16.901	ng	96
10) Phenol	8.03	94	137631	40.548	ng	95
11) bis(2-Chloroethyl)ether	8.28	93	108581	39.121	ng	99
12) 1,3-Dichlorobenzene	8.78	146	117687	38.001	ng	99
13) 1,4-Dichlorobenzene	8.93	146	120781	38.744	ng	96
14) 1,2-Dichlorobenzene	9.27	146	117260	39.253	ng	99
15) Benzyl Alcohol	9.13	79	109684	44.310	ng	95
16) 2,2'-oxybis(1-Chloropropan	9.42	45	210642	44.147	ng	99
17) 2-Methylphenol	9.33	107	105476	42.140	ng	96
18) Hexachloroethane	10.02	117	43908	41.368	ng	90
19) n-Nitroso-di-n-propylamine	9.71	70	96680	40.671	ng	# 89
20) 3+4-Methylphenols	9.67	107	146869	42.201	ng	95
22) Acetophenone	9.74	105	181994	40.845	ng	# 98
24) Nitrobenzene	10.14	77	141095	49.861	ng	94
25) Isophorone	10.67	82	280294	45.262	ng	# 94
26) 2-Nitrophenol	10.87	139	67683	61.756	ng	98
27) 2,4-Dimethylphenol	10.90	122	133005	49.441	ng	92
28) bis(2-Chloroethoxy)methane	11.14	93	155234	43.030	ng	96
29) 2,4-Dichlorophenol	11.41	162	127094	52.054	ng	94
30) 1,2,4-Trichlorobenzene	11.64	180	116518	40.712	ng	96
31) Naphthalene	11.84	128	393509	42.684	ng	99
32) Benzoic acid	11.04	122	71383m	44.221	ng	
33) 4-Chloroaniline	11.93	127	24525	5.950	ng	98
34) Hexachlorobutadiene	12.09	225	68398	42.606	ng	97
35) Caprolactam	12.68	113	39667	40.574	ng	93
36) 4-Chloro-3-methylphenol	13.00	107	158567	55.808	ng	95
37) 2-Methylnaphthalene	13.39	142	294369	44.134	ng	94
39) 1,2,4,5-Tetrachlorobenzene	13.74	216	136917	41.500	ng	# 97
40) Hexachlorocyclopentadiene	13.71	237	165199	98.252	ng	93

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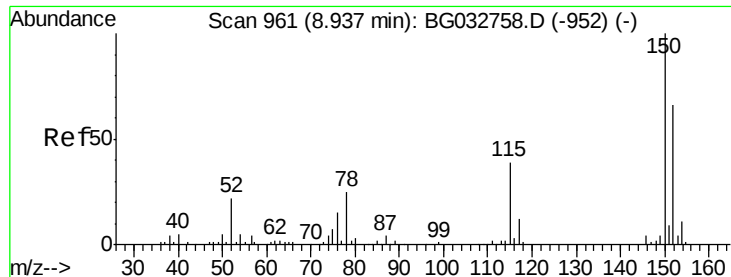
Manual Integrations
 APPROVED

Sohil
 3/15/2018 7:00:15 PM

Quant Time: Mar 15 11:19:58 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 14 13:59:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.97	196	104056	50.013	nq	99
43) 2,4,5-Trichlorophenol	14.04	196	119844	49.768	nq	96
45) 1,1'-Biphenyl	14.36	154	382401	39.375	nq	97
46) 2-Chloronaphthalene	14.41	162	289009	39.837	nq	97
47) 2-Nitroaniline	14.60	65	110139	57.699	nq	93
48) Acenaphthylene	15.25	152	488327	41.114	nq	99
49) Dimethylphthalate	14.94	163	411197	43.574	nq	100
50) 2,6-Dinitrotoluene	15.07	165	89568	55.612	nq	97
51) Acenaphthene	15.58	154	345099	46.653	nq	99
52) 3-Nitroaniline	15.41	138	27933	19.727	nq	# 86
53) 2,4-Dinitrophenol	15.61	184	72358	122.188	nq	# 80
54) Dibenzofuran	15.91	168	472103	44.823	nq	91
55) 4-Nitrophenol	15.69	139	148135	94.456	nq	94
56) 2,4-Dinitrotoluene	15.85	165	130061	64.808	nq	# 89
57) Fluorene	16.55	166	384014	44.174	nq	99
58) 2,3,4,6-Tetrachlorophenol	16.12	232	105668m	56.519	nq	
59) Diethylphthalate	16.28	149	451309	45.343	nq	98
60) 4-Chlorophenyl-phenylether	16.52	204	197302	46.395	nq	90
61) 4-Nitroaniline	16.56	138	67245	34.582	nq	96
62) Azobenzene	16.82	77	393057	44.142	nq	96
64) 4,6-Dinitro-2-methylphenol	16.61	198	57989	65.492	nq	98
65) n-Nitrosodiphenylamine	16.73	169	354389	41.083	nq	100
66) 4-Bromophenyl-phenylether	17.42	248	130156	46.421	nq	# 88
67) Hexachlorobenzene	17.55	284	138988	45.871	nq	96
68) Atrazine	17.66	200	110674	38.978	nq	97
69) Pentachlorophenol	17.89	266	166854	87.426	nq	98
70) Phenanthrene	18.29	178	644083	43.538	nq	99
71) Anthracene	18.38	178	653780	44.020	nq	99
72) Carbazole	18.64	167	598660	40.895	nq	97
73) Di-n-butylphthalate	19.13	149	760790	42.362	nq	99
74) Fluoranthene	20.24	202	734107	44.923	nq	97
76) Benzidine	20.40	184	107447m	13.049	nq	
77) Pyrene	20.60	202	732715	43.012	nq	99
79) Butylbenzylphthalate	21.46	149	338712	44.846	nq	94
80) Benzo(a)anthracene	22.58	228	691231	44.624	nq	100
81) 3,3'-Dichlorobenzidine	22.47	252	79610	13.877	nq	97
82) Chrysene	22.66	228	651738	44.045	nq	98
83) Bis(2-ethylhexyl)phthalate	22.40	149	465232	41.613	nq	95
84) Di-n-octyl phthalate	23.81	149	783127	45.956	nq	99
85) Indeno(1,2,3-cd)pyrene	30.83	276	814695	47.210	nq	# 89
87) Benzo(b)fluoranthene	25.18	252	700773	45.286	nq	99
88) Benzo(k)fluoranthene	25.26	252	676442	43.985	nq	99
89) Benzo(a)pyrene	26.23	252	668578	45.425	nq	98
90) Dibenzo(a,h)anthracene	30.90	278	681413	45.995	nq	96
91) Benzo(g,h,i)perylene	32.23	276	674716	46.200	nq	99

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



#1

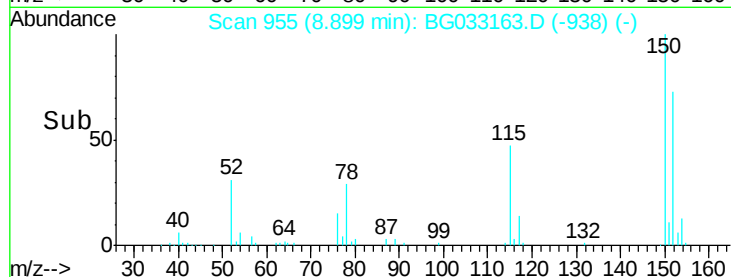
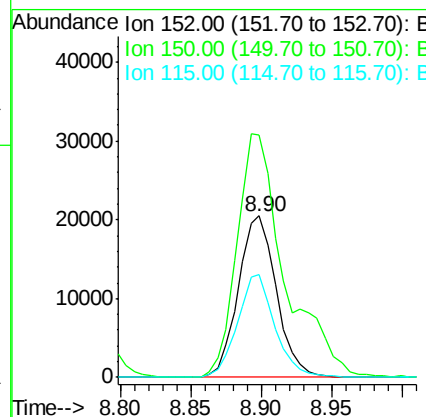
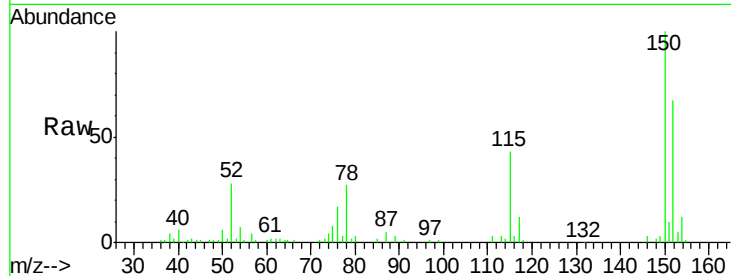
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.90 min Scan# 955
Delta R.T. 0.00 min
Lab File: BG033163.D
Acq: 15 Mar 2018 3:15

Instrument :
BNA_G
ClientSampleId :
BU-02-031318MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.4	126.6	189.8
115	63.9	53.0	79.4

Manual Integrations
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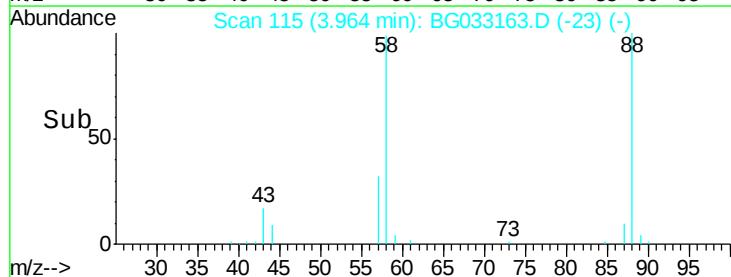
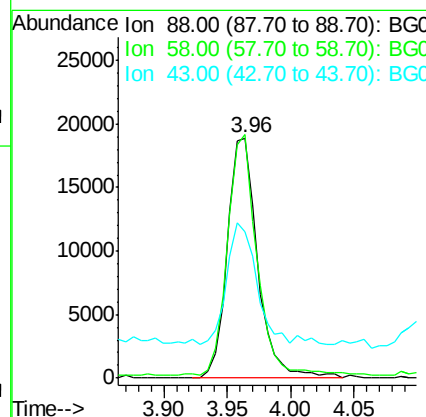
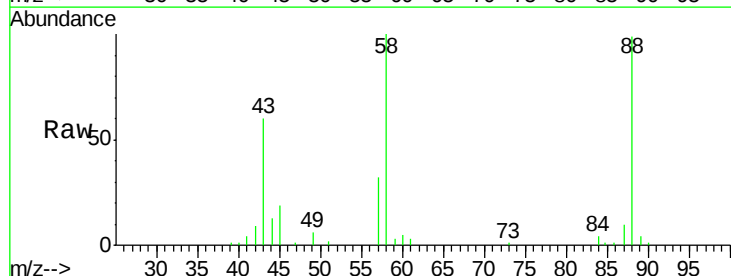
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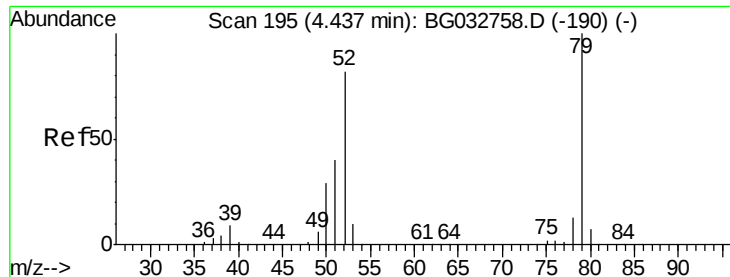


#2

1,4-Dioxane
Concen: 29.777 ng
RT: 3.96 min Scan# 115
Delta R.T. 0.01 min
Lab File: BG033163.D
Acq: 15 Mar 2018 3:15

Tgt Ion	Ratio	Lower	Upper
88	100		
58	98.5	79.6	119.4
43	49.5	27.4	41.0





#3

Pvridine

Concen: 27.054 ng

RT: 4.43 min Scan# 194

Delta R.T. 0.01 min

Lab File: BG033163.D

Acq: 15 Mar 2018 3:15

Instrument :

BNA_G

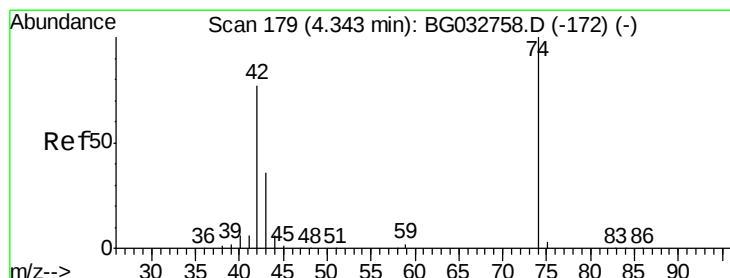
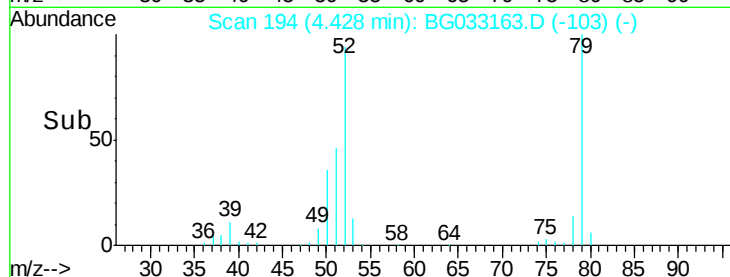
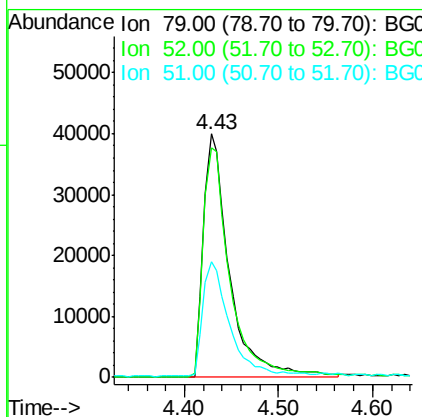
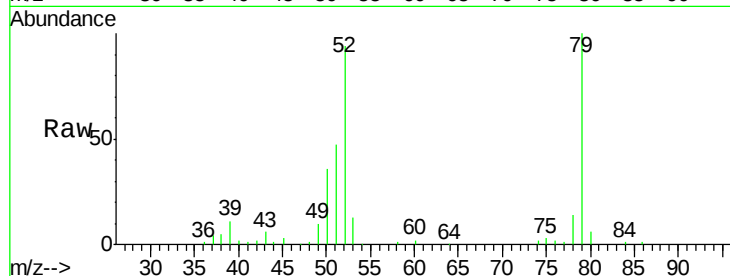
ClientSampleId :

BU-02-031318MS

Tot Ion:	79	Resp:	78177
Ion	Ratio	Lower	Upper
79	100		
52	94.2	69.9	104.9
51	47.4	34.0	51.0

Manual Integrations
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3/15/2018 7:00:15 PM



#4

n-Nitrosodimethylamine

Concen: 50.024 ng

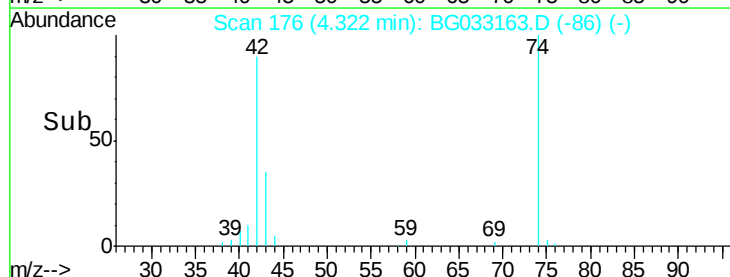
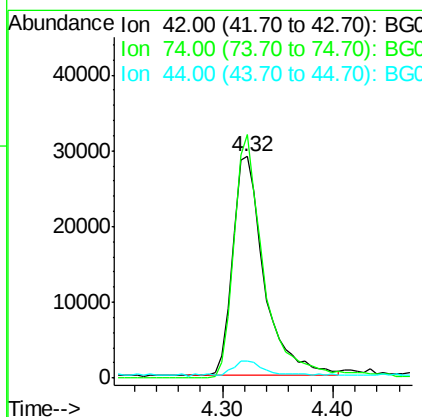
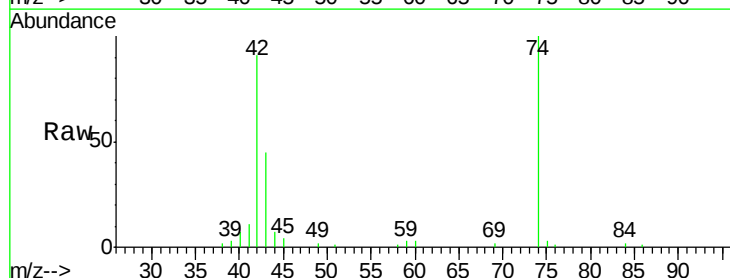
RT: 4.32 min Scan# 176

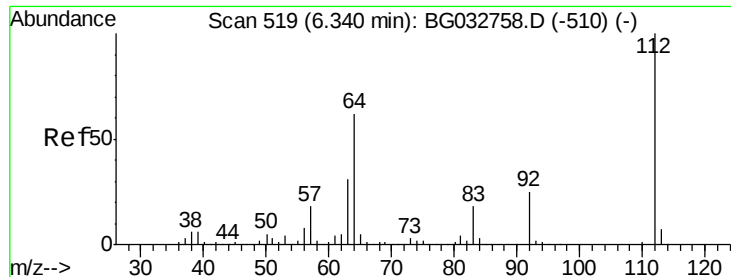
Delta R.T. 0.00 min

Lab File: BG033163.D

Acq: 15 Mar 2018 3:15

Tgt Ion:	42	Resp:	57954
Ion	Ratio	Lower	Upper
42	100		
74	109.9	102.5	153.7
44	7.7	18.9	28.3





#5

2-Fluorophenol

Concen: 145.229 ng

RT: 6.32 min Scan# 516

Delta R.T. 0.00 min

Lab File: BG033163.D

Acq: 15 Mar 2018 3:15

Instrument :

BNA_G

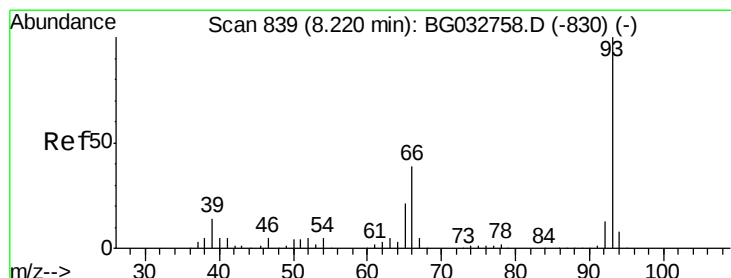
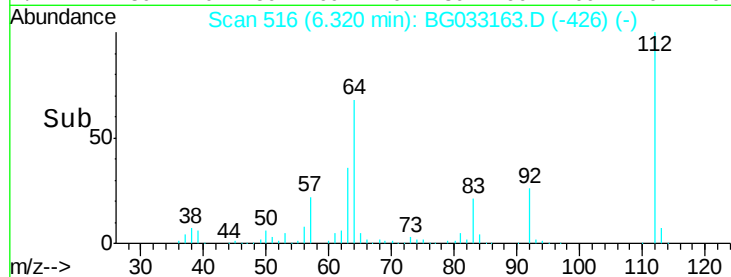
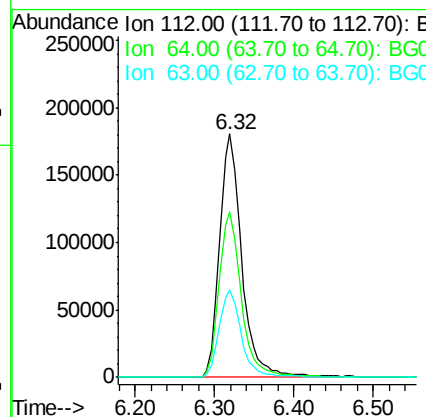
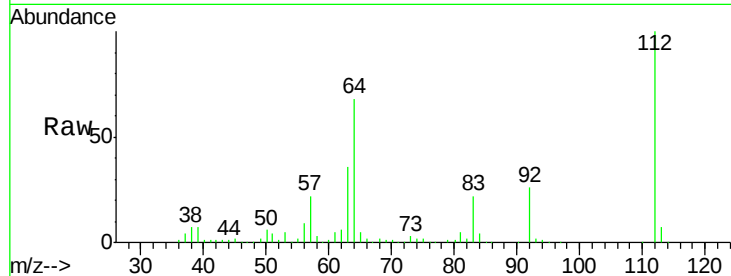
ClientSampleId :

BU-02-031318MS

Tot Ion:	112	Resp:	350833
Ion Ratio	Lower	Upper	
112	100		
64	67.7	56.3	84.5
63	35.7	30.1	45.1

Manual Integrations
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3/15/2018 7:00:15 PM



#6

Aniline

Concen: 13.206 ng

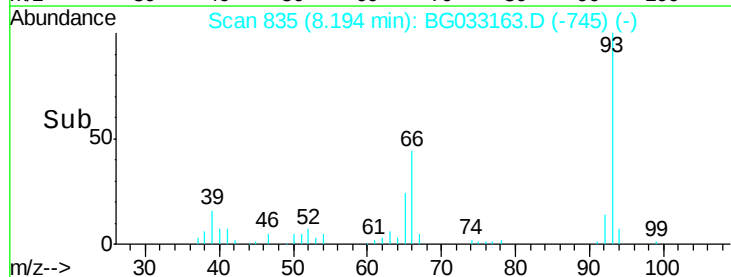
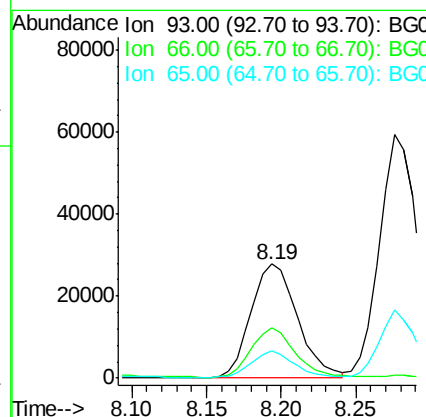
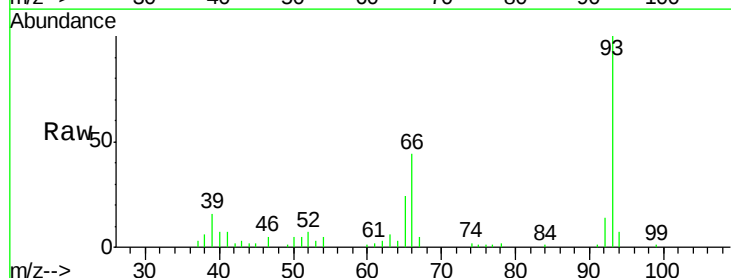
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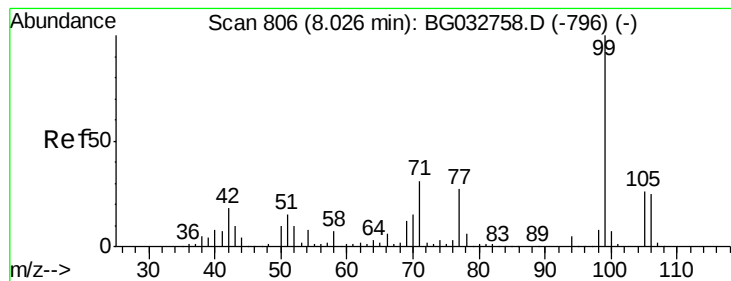
Delta R.T. 0.00 min

Lab File: BG033163.D

Acq: 15 Mar 2018 3:15

Tgt Ion:	93	Resp:	60189
Ion Ratio	Lower	Upper	
93	100		
66	43.7	33.7	50.5
65	23.7	16.1	24.1





#7

Phenol-d6

Concen: 132.331 ng

RT: 8.01 min Scan# 803

Delta R.T. -0.00 min

Lab File: BG033163.D

Acq: 15 Mar 2018 3:15

Instrument :

BNA_G

ClientSampleId :

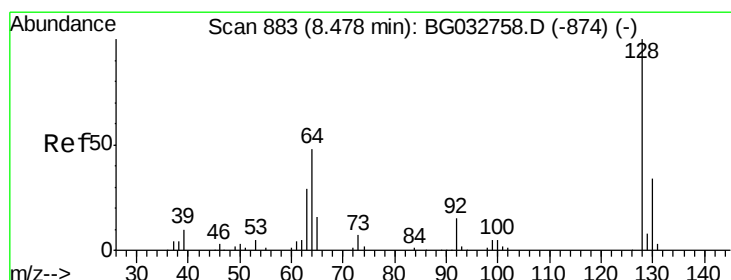
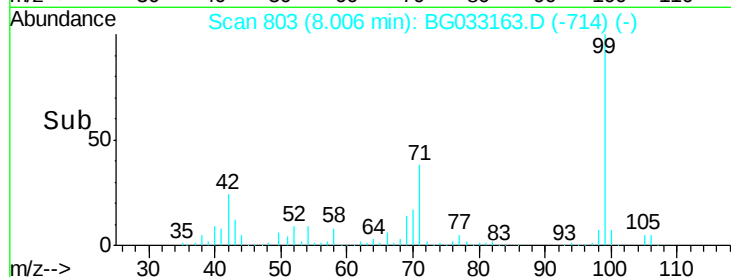
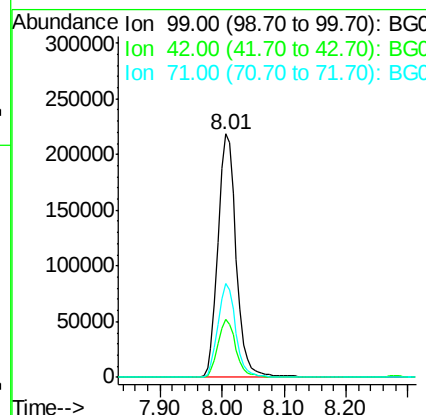
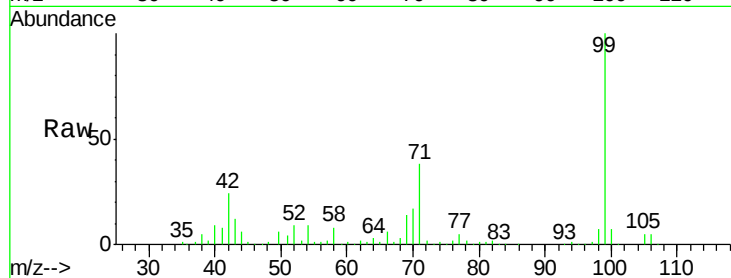
BU-02-031318MS

Tot Ion: 99 Resp: 445582

Ion	Ratio	Lower	Upper
99	100		
42	23.6	14.1	21.1#
71	38.3	26.1	39.1

Manual Integrations
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#8

2-Chlorophenol

Concen: 45.749 ng

RT: 8.45 min Scan# 878

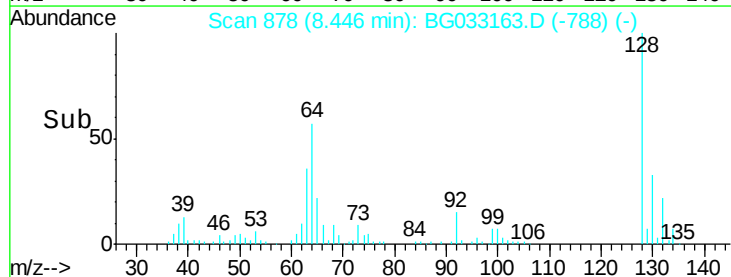
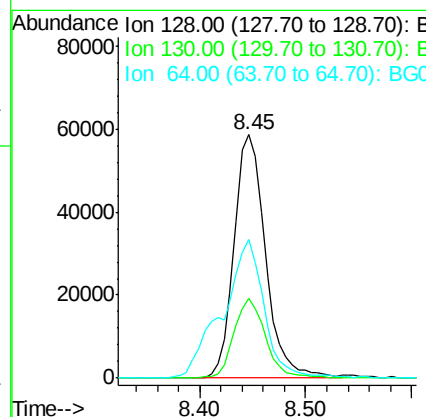
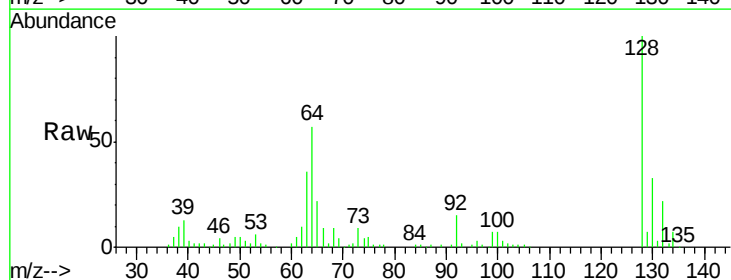
Delta R.T. 0.00 min

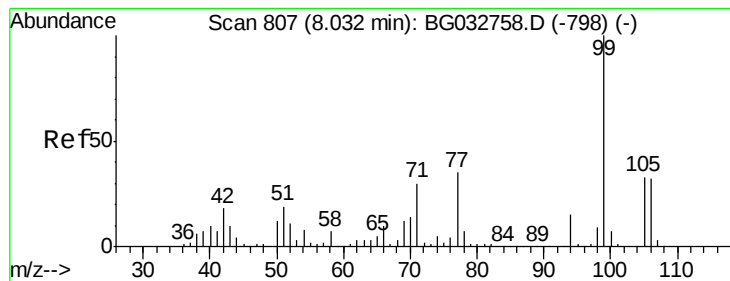
Lab File: BG033163.D

Acq: 15 Mar 2018 3:15

Tgt Ion: 128 Resp: 120967

Ion	Ratio	Lower	Upper
128	100		
130	32.6	14.0	54.0
64	56.7	37.7	77.7





#9

Benzaldehyde

Concen: 16.901 ng

RT: 8.00 min Scan# 802

Delta R.T. 0.00 min

Lab File: BG033163.D

Acq: 15 Mar 2018 3:15

Instrument :

BNA_G

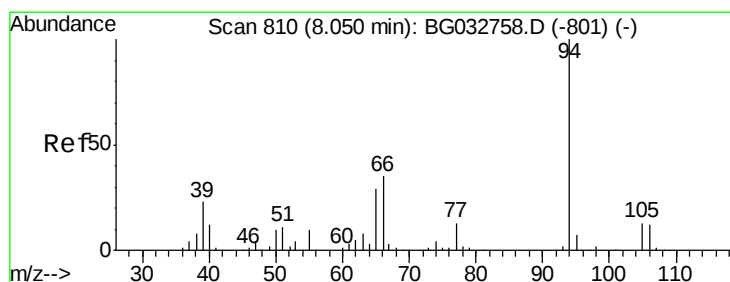
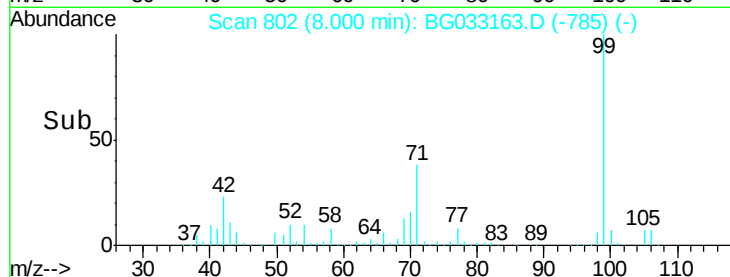
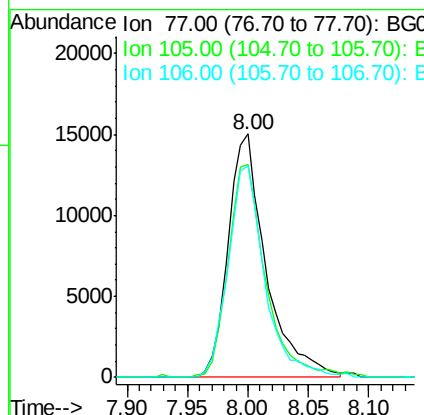
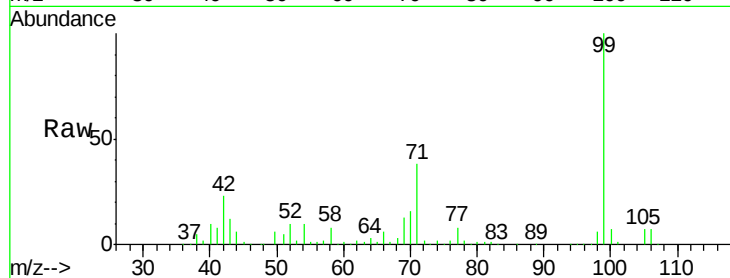
ClientSampleId :

BU-02-031318MS

Tot Ion	Ratio	Lower	Upper
77	100		
105	87.4	71.3	111.3
106	87.0	64.2	104.2

Manual Integrations
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3/15/2018 7:00:15 PM



#10

Phenol

Concen: 40.548 ng

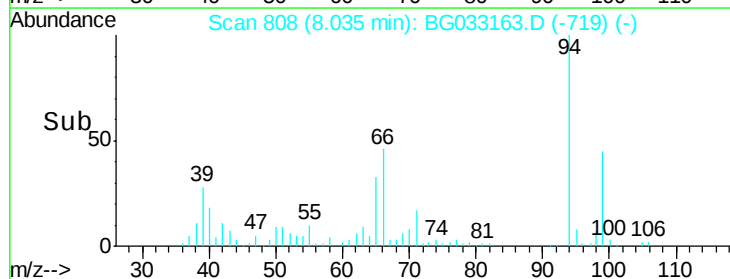
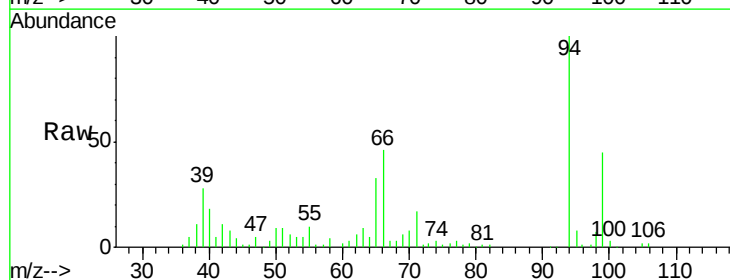
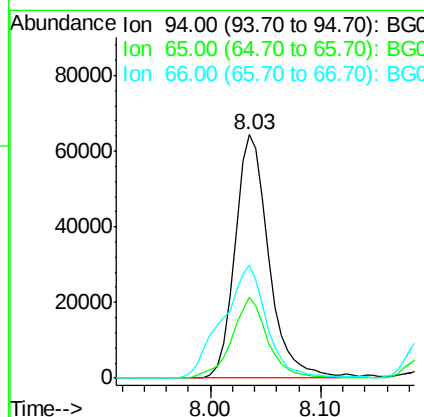
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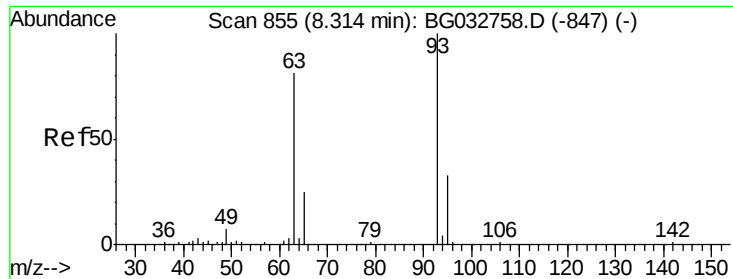
Delta R.T. -0.00 min

Lab File: BG033163.D

Acq: 15 Mar 2018 3:15

Tgt Ion	Ratio	Lower	Upper
94	100		
65	33.4	11.9	51.9
66	46.2	22.2	62.2





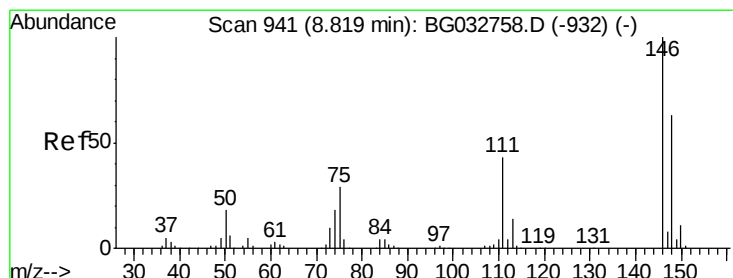
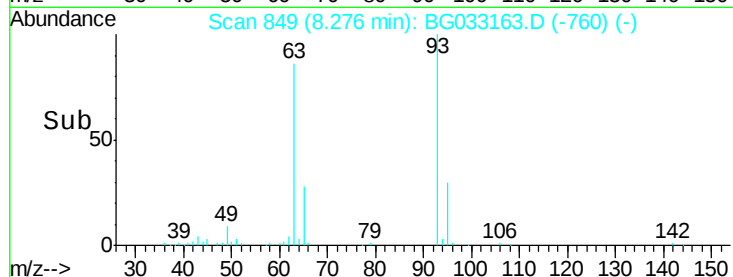
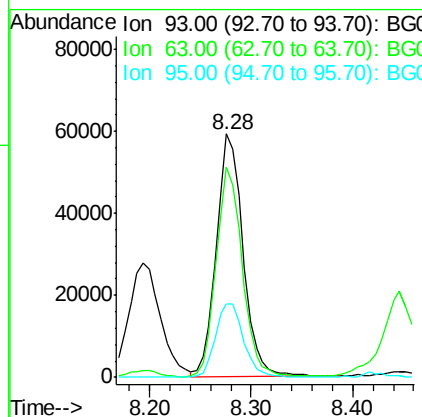
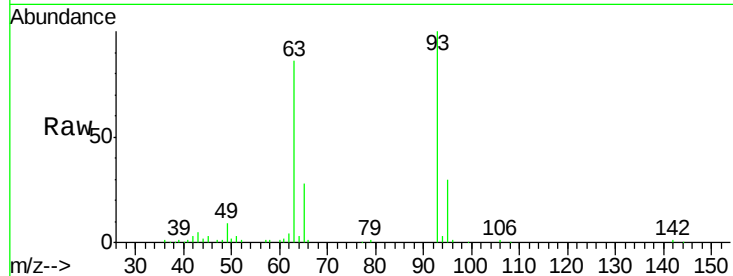
#11
bis(2-Chloroethyl)ether
Concen: 39.121 ng
RT: 8.28 min Scan# 849
Delta R.T. -0.00 min
Lab File: BG033163.D
Acq: 15 Mar 2018 3:15

Instrument :
BNA_G
ClientSampleId :
BU-02-031318MS

Tot Ion:	93	Resp:	108581
Ion Ratio	Lower	Upper	
93	100		
63	86.3	67.1	107.1
95	29.9	11.5	51.5

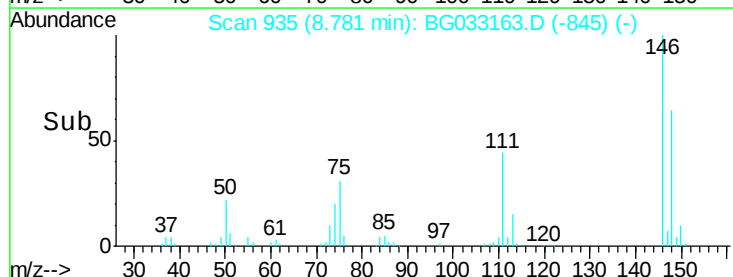
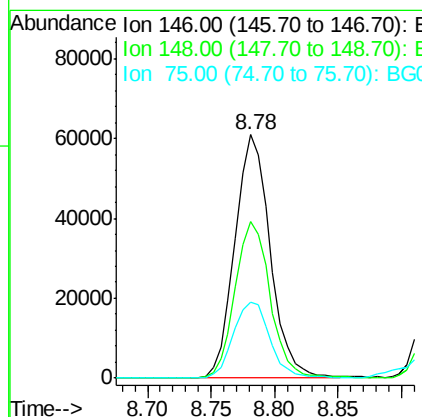
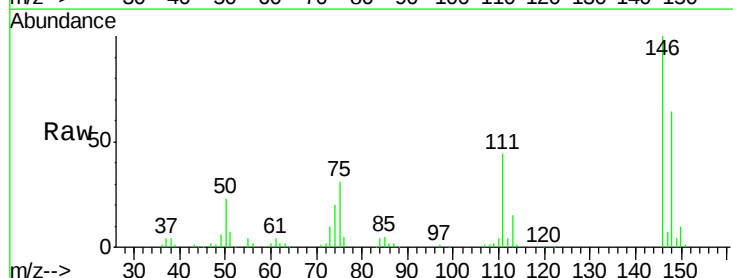
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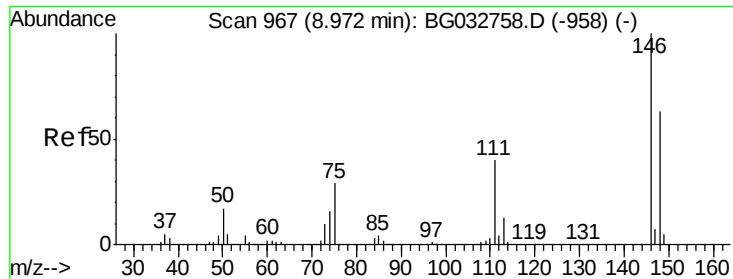
Sohil
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#12
1,3-Dichlorobenzene
Concen: 38.001 ng
RT: 8.78 min Scan# 935
Delta R.T. 0.00 min
Lab File: BG033163.D
Acq: 15 Mar 2018 3:15

Tgt Ion:	146	Resp:	117687
Ion Ratio	Lower	Upper	
146	100		
148	64.3	51.4	77.2
75	31.4	26.6	39.8





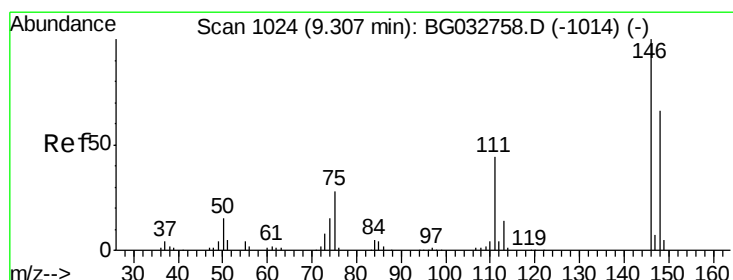
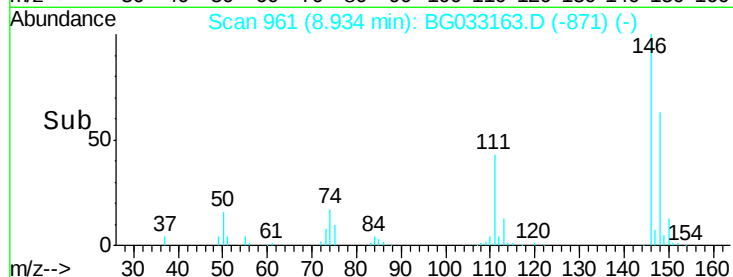
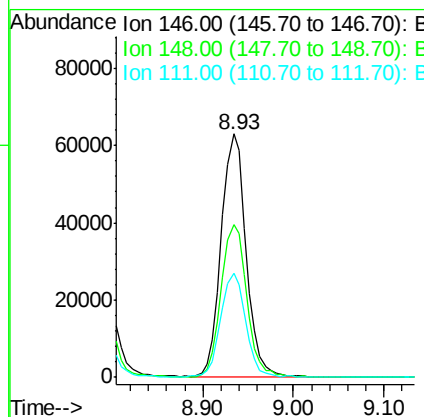
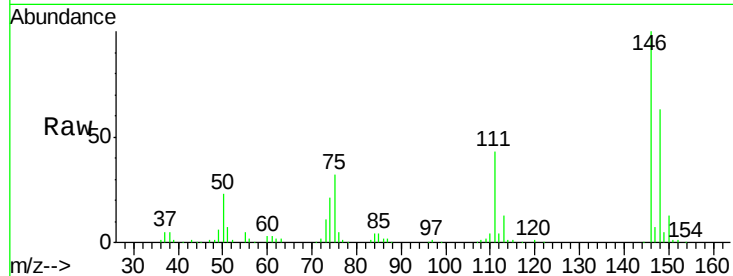
#13
1,4-Dichlorobenzene
Concen: 38.744 ng
RT: 8.93 min Scan# 961
Delta R.T. 0.00 min
Lab File: BG033163.D
Acq: 15 Mar 2018 3:15

Instrument :
BNA_G
ClientSampleId :
BU-02-031318MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.6	53.7	80.5
111	42.9	35.2	52.8

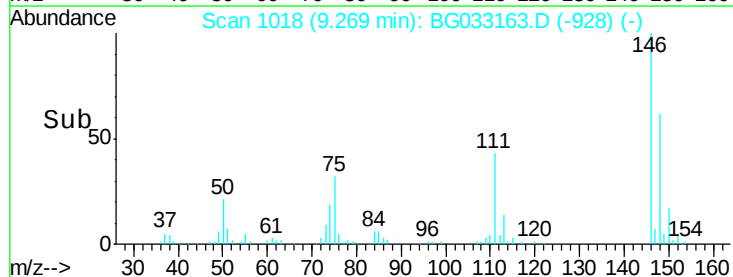
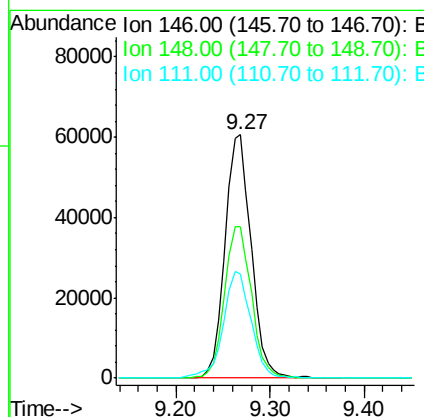
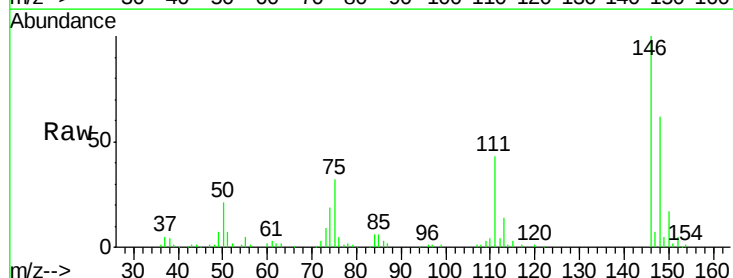
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#14
1,2-Dichlorobenzene
Concen: 39.253 ng
RT: 9.27 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BG033163.D
Acq: 15 Mar 2018 3:15

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.4	49.3	73.9
111	42.8	34.3	51.5





#15

Benzyl Alcohol

Concen: 44.310 ng

RT: 9.13 min Scan# 995

Delta R.T. 0.00 min

Lab File: BG033163.D

Acq: 15 Mar 2018 3:15

Instrument :

BNA_G

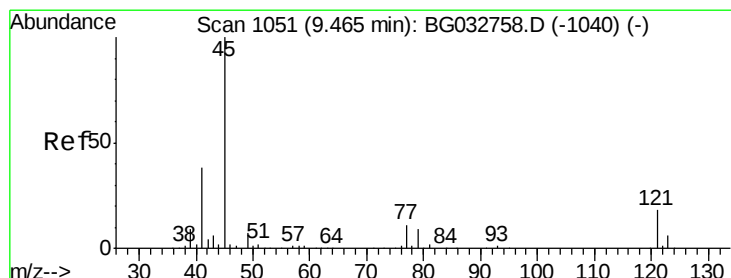
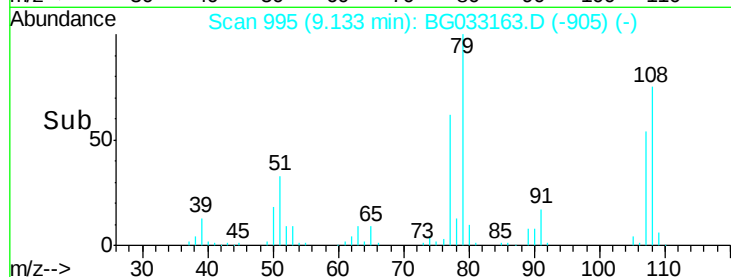
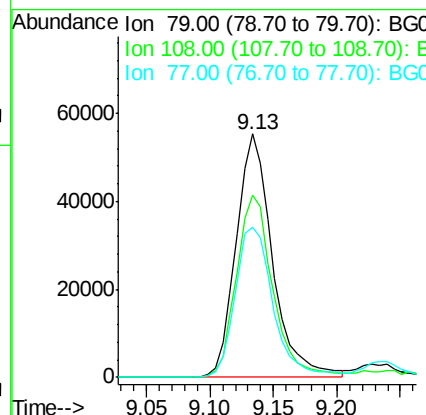
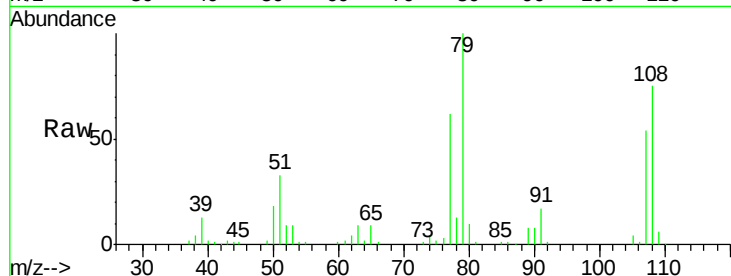
ClientSampleId :

BU-02-031318MS

Tot Ion:	79	Resp:	109684
Ion Ratio	Lower	Upper	
79	100		
108	74.7	57.2	85.8
77	61.9	46.1	69.1

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.147 ng

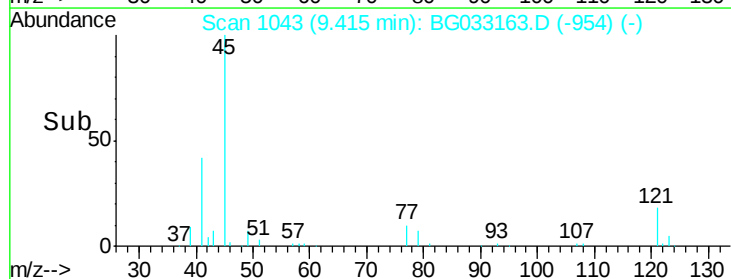
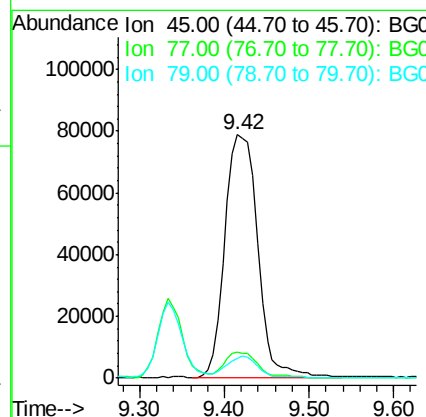
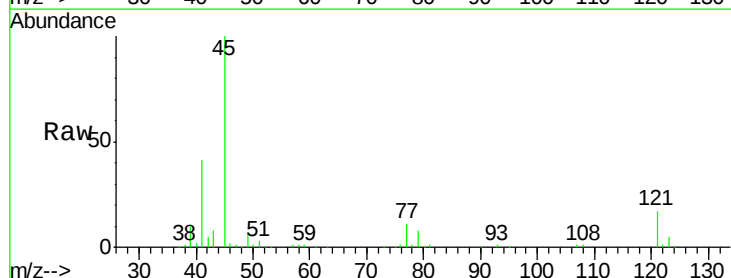
RT: 9.42 min Scan# 1043

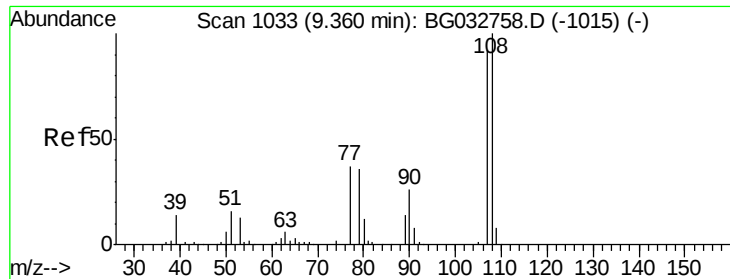
Delta R.T. -0.00 min

Lab File: BG033163.D

Acq: 15 Mar 2018 3:15

Tgt Ion:	45	Resp:	210642
Ion Ratio	Lower	Upper	
45	100		
77	10.9	0.0	30.2
79	8.0	0.0	27.9





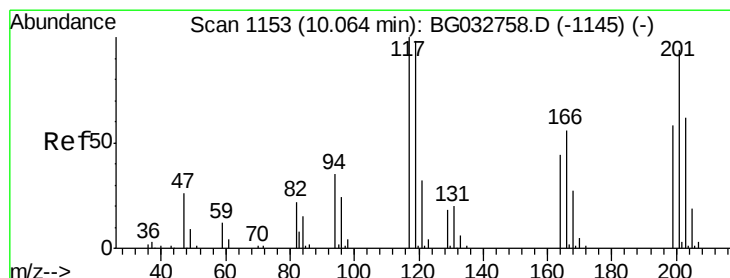
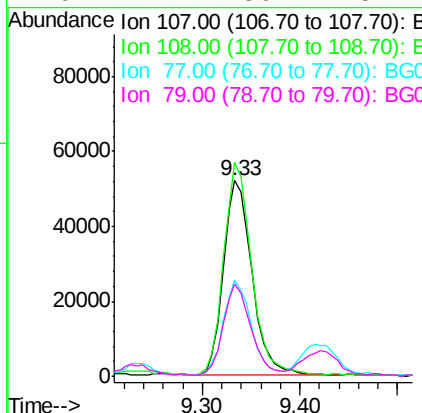
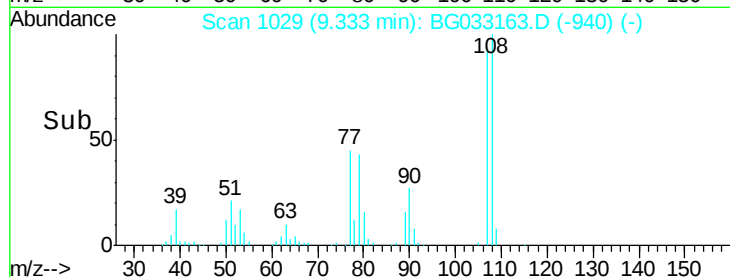
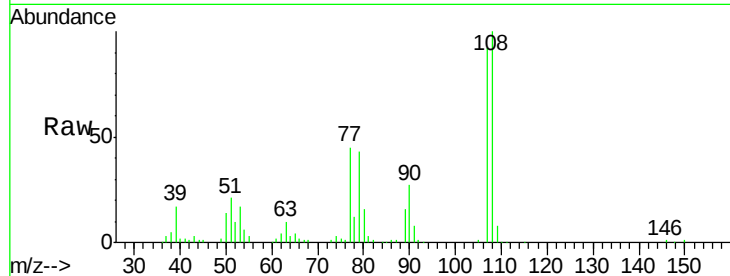
#17
2-Methylphenol
Concen: 42.140 ng
RT: 9.33 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BG033163.D
Acq: 15 Mar 2018 3:15

Instrument :
BNA_G
ClientSampleId :
BU-02-031318MS

Tot Ion	107	Resp	105476
Ion Ratio	Lower	Upper	
107	100		
108	109.2	83.9	125.9
77	49.1	37.2	55.8
79	47.2	36.2	54.2

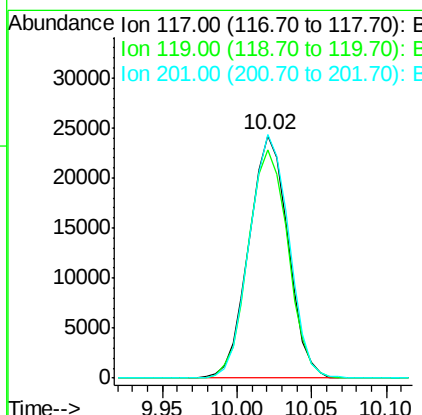
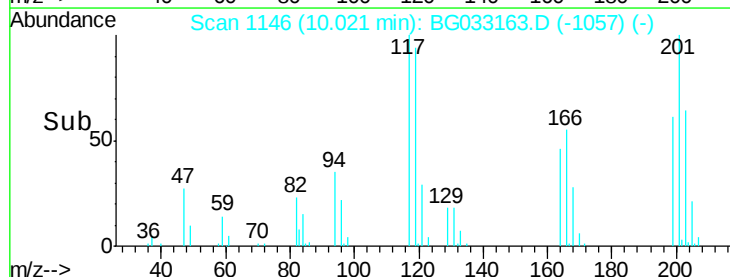
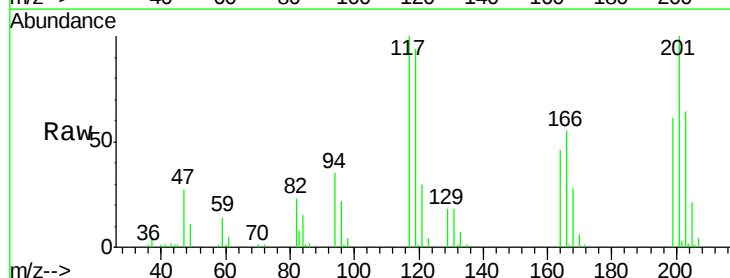
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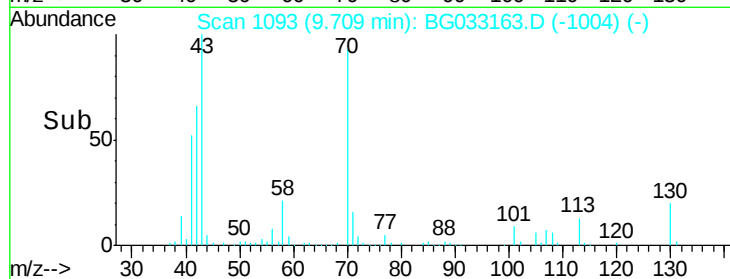
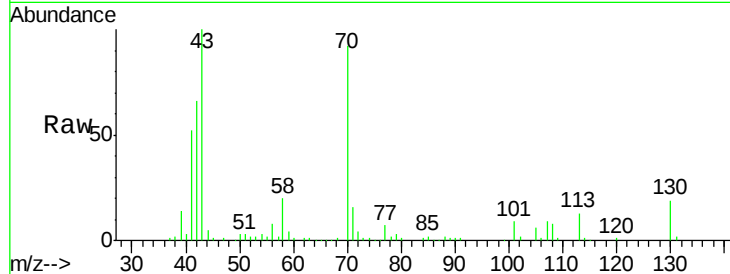
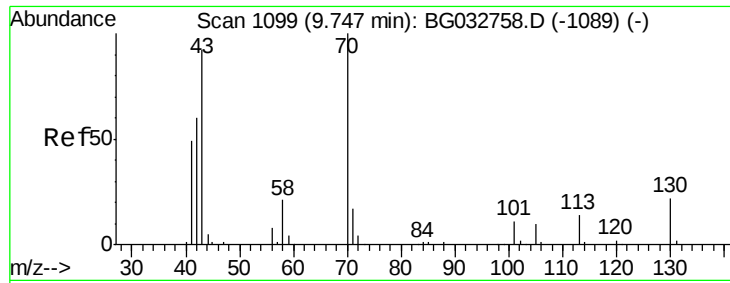
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#18
Hexachloroethane
Concen: 41.368 ng
RT: 10.02 min Scan# 1146
Delta R.T. -0.00 min
Lab File: BG033163.D
Acq: 15 Mar 2018 3:15

Tgt Ion	117	Resp	43908
Ion Ratio	Lower	Upper	
117	100		
119	94.3	76.7	115.1
201	100.4	95.7	143.5





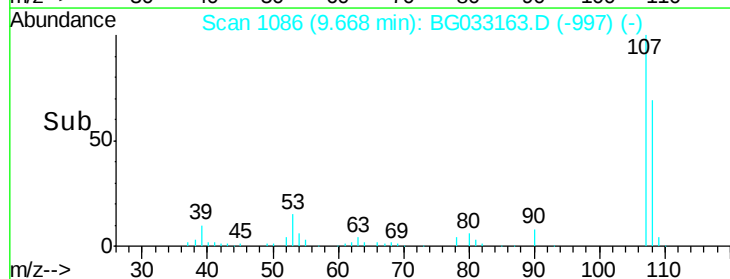
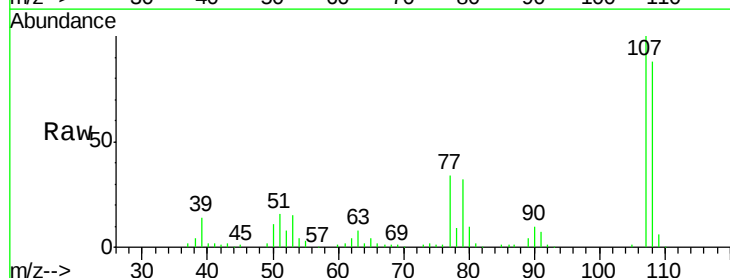
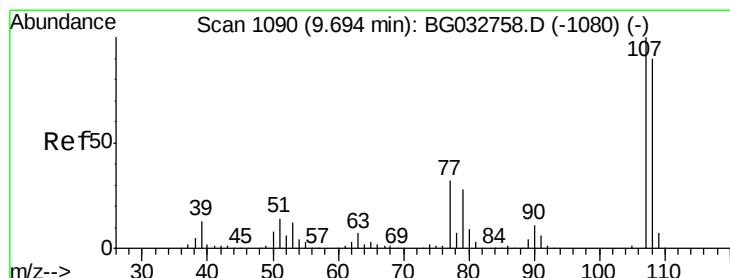
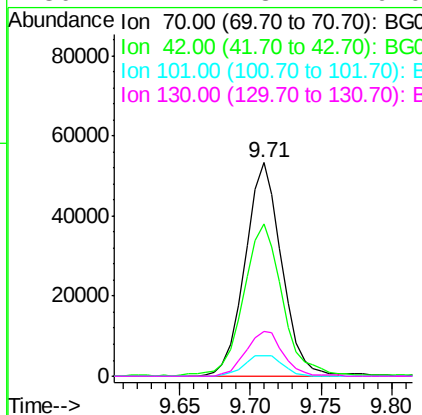
#19
n-Nitroso-di-n-propylamine
Concen: 40.671 ng
RT: 9.71 min Scan# 1093
Delta R.T. -0.00 min
Lab File: BG033163.D
Acq: 15 Mar 2018 3:15

Instrument :
BNA_G
ClientSampleId :
BU-02-031318MS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	71.5	49.1	73.7	
101	9.9	8.5	12.7	
130	21.1	13.4	20.0	

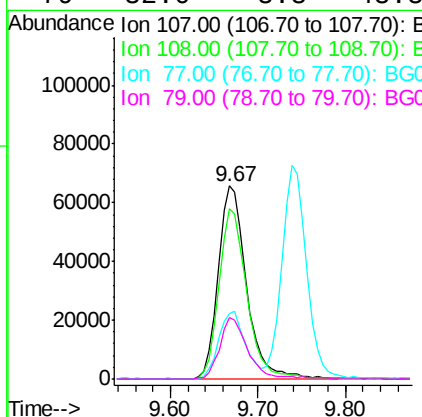
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#20
3+4-Methylphenols
Concen: 42.201 ng
RT: 9.67 min Scan# 1086
Delta R.T. -0.00 min
Lab File: BG033163.D
Acq: 15 Mar 2018 3:15

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.3	61.6	101.6	
77	34.0	13.9	53.9	
79	32.0	8.8	48.8	





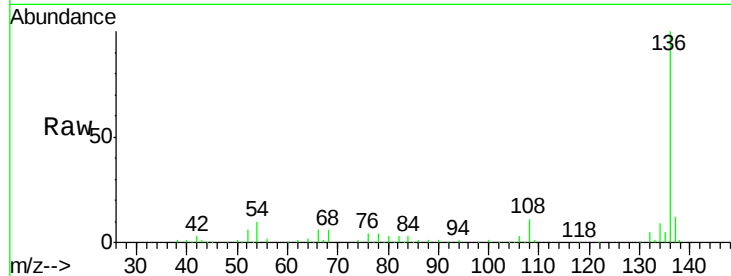
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.78 min Scan# 1446
Delta R.T. -0.00 min
Lab File: BG033163.D
Acq: 15 Mar 2018 3:15

Instrument :
BNA_G
ClientSampleId :
BU-02-031318MS

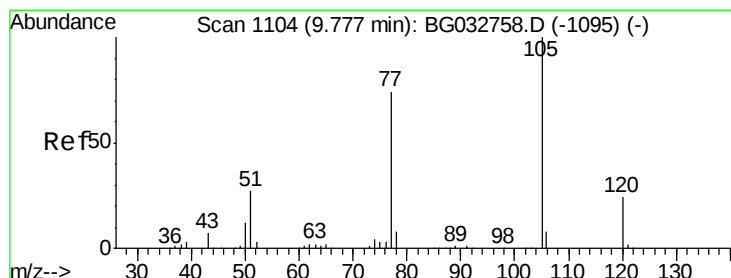
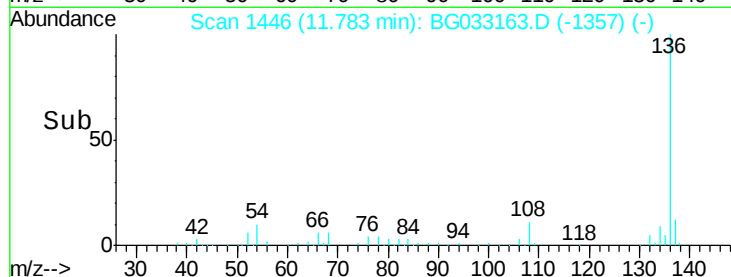
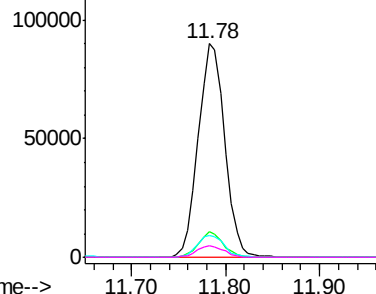
Tot Ion	Ratio	Resp	Lower	Upper
136	100	176432		
137	12.0	9.2	13.8	
54	10.2	10.3	15.5	
68	5.6	4.5	6.7	

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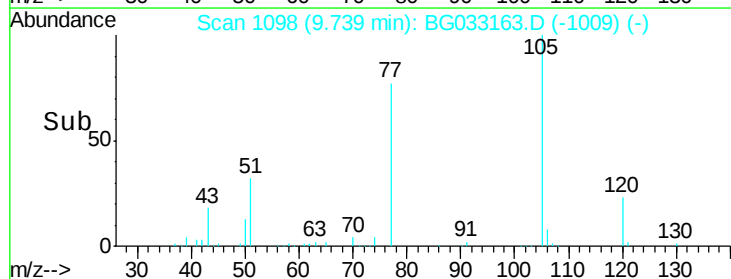
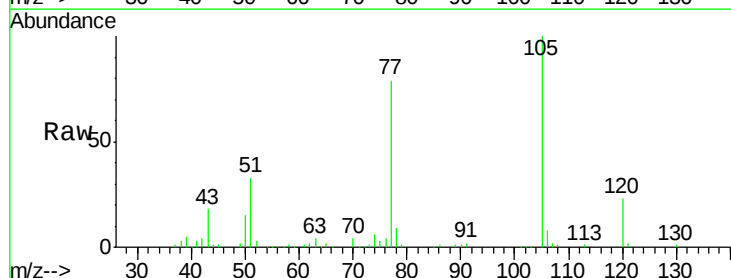
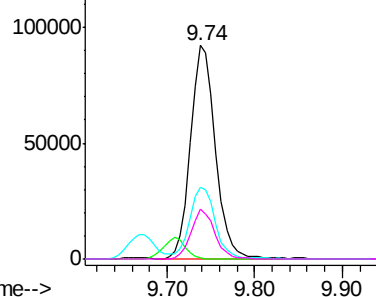
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 40.845 ng
RT: 9.74 min Scan# 1098
Delta R.T. -0.00 min
Lab File: BG033163.D
Acq: 15 Mar 2018 3:15

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	181994		
71	0.4	3.0	4.4	
51	33.4	26.1	39.1	
120	23.1	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





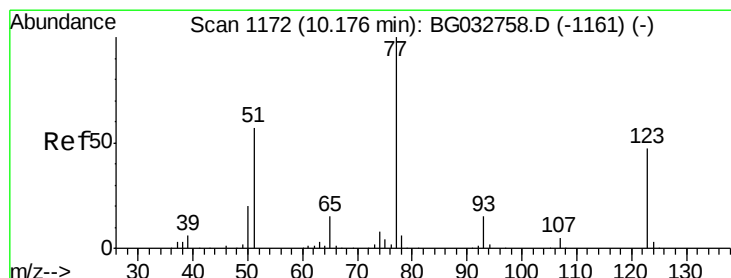
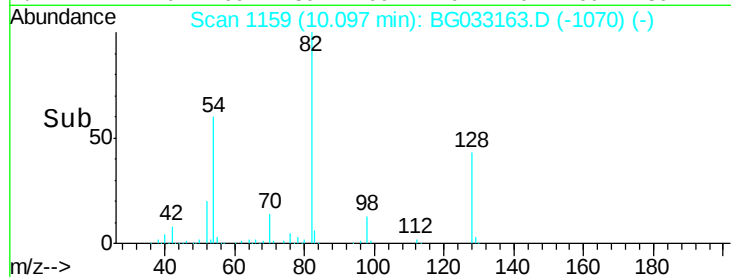
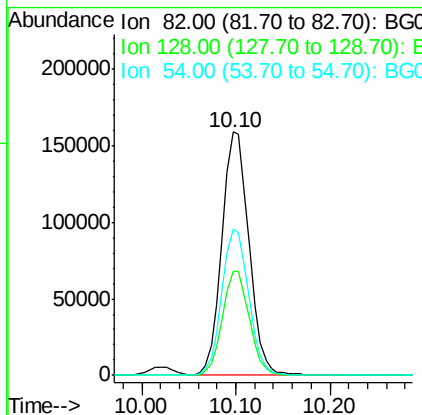
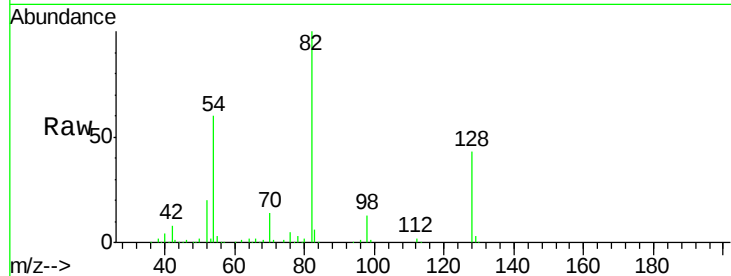
#23
 Nitrobenzene-d5
 Concen: 120.238 ng
 RT: 10.10 min Scan# 1159
 Delta R.T. -0.00 min
 Lab File: BG033163.D
 Acq: 15 Mar 2018 3:15

Instrument :
 BNA_G
 ClientSampleId :
 BU-02-031318MS

Tot Ion	82	Resp	317523
Ion	Ratio	Lower	Upper
82	100		
128	42.6	29.7	44.5
54	60.1	43.1	64.7

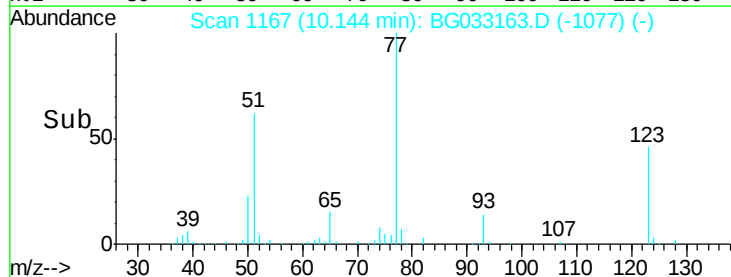
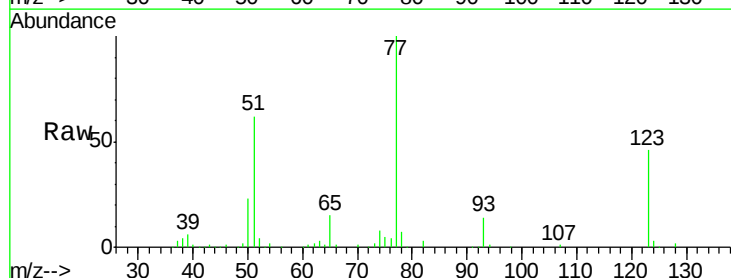
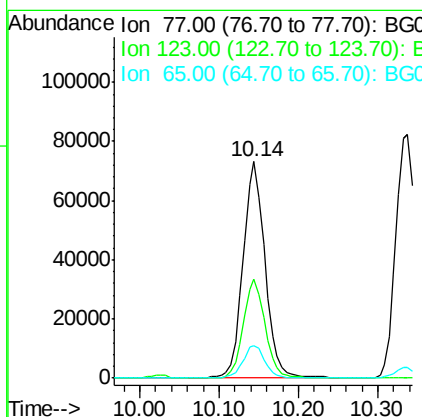
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#24
 Nitrobenzene
 Concen: 49.861 ng
 RT: 10.14 min Scan# 1167
 Delta R.T. 0.00 min
 Lab File: BG033163.D
 Acq: 15 Mar 2018 3:15

Tgt Ion	77	Resp	141095
Ion	Ratio	Lower	Upper
77	100		
123	45.6	33.0	49.6
65	15.1	13.0	19.6





#25

Isophorone

Concen: 45.262 ng

RT: 10.67 min Scan# 1256

Delta R.T. -0.00 min

Lab File: BG033163.D

Acq: 15 Mar 2018 3:15

Instrument :

BNA_G

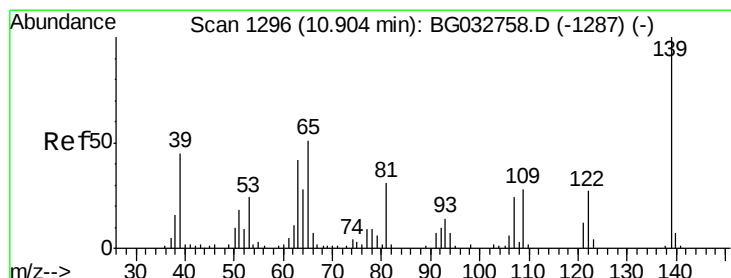
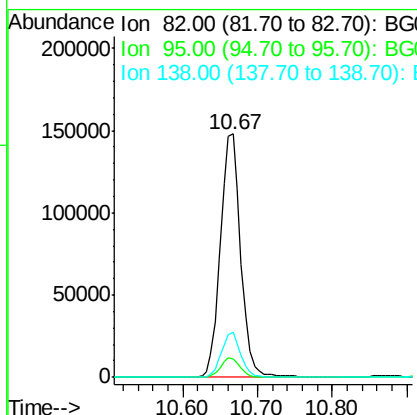
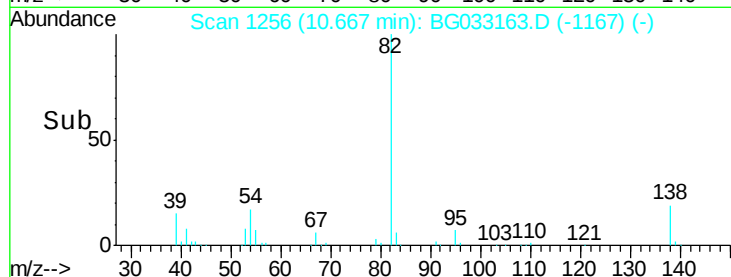
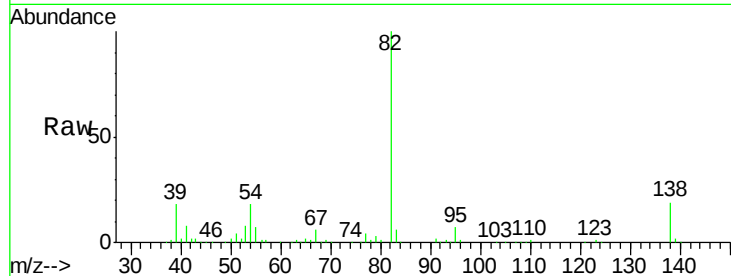
ClientSampleId :

BU-02-031318MS

Tot Ion:	82	Resp:	280294
Ion Ratio		Lower	Upper
82	100		
95	7.4	6.2	9.2
138	18.6	12.1	18.1#

Manual Integrations
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#26

2-Nitrophenol

Concen: 61.756 ng

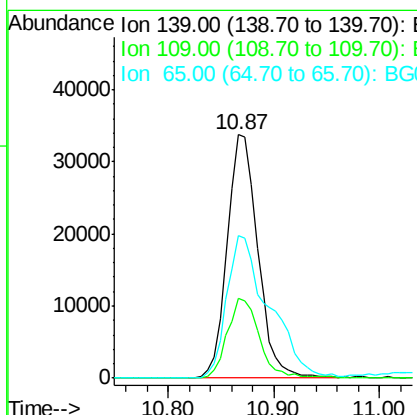
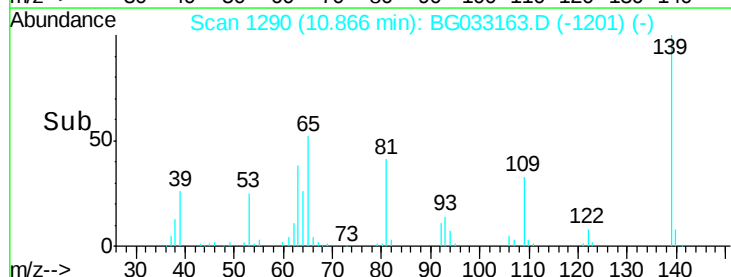
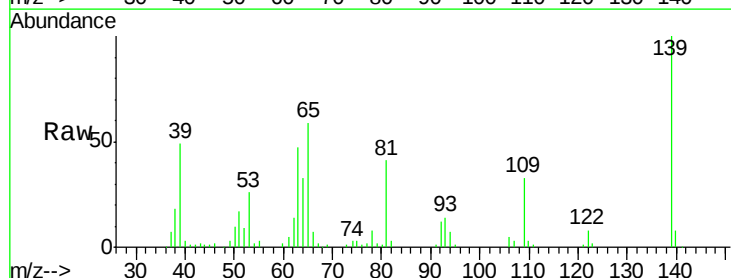
RT: 10.87 min Scan# 1290

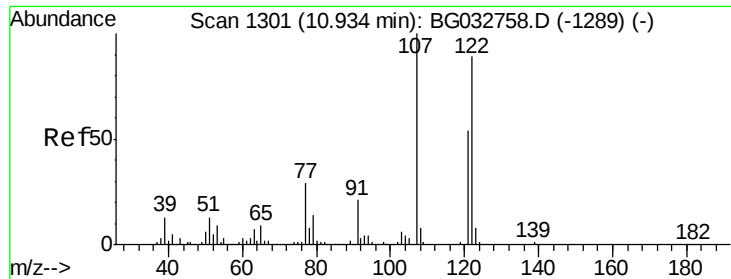
Delta R.T. -0.00 min

Lab File: BG033163.D

Acq: 15 Mar 2018 3:15

Tgt Ion:	139	Resp:	67683
Ion Ratio		Lower	Upper
139	100		
109	33.0	24.2	36.2
65	58.5	47.4	71.0





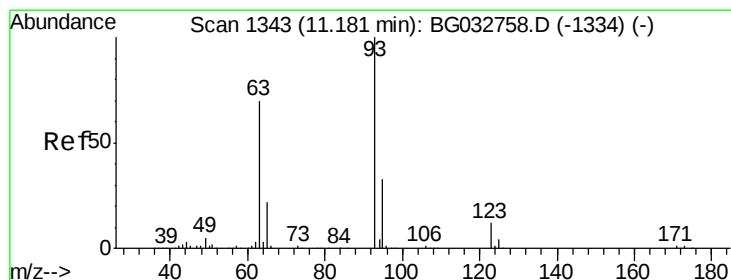
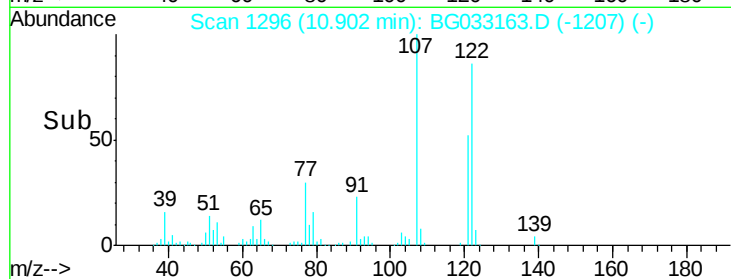
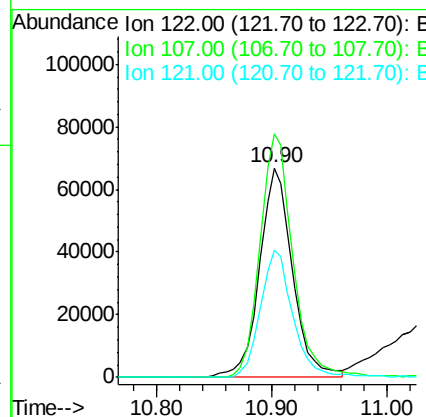
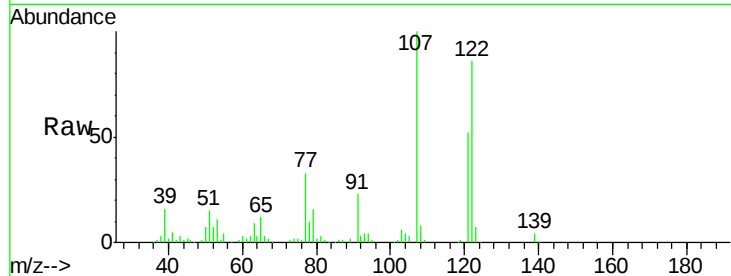
#27
2,4-Dimethylphenol
Concen: 49.441 ng
RT: 10.90 min Scan# 1296
Delta R.T. -0.00 min
Lab File: BG033163.D
Acq: 15 Mar 2018 3:15

Instrument :
BNA_G
ClientSampleId :
BU-02-031318MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	116.3	100.2	150.2
121	61.0	44.4	66.6

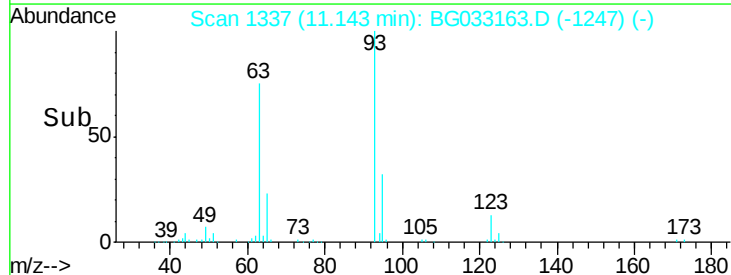
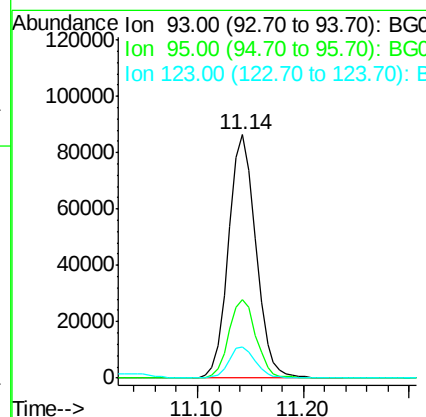
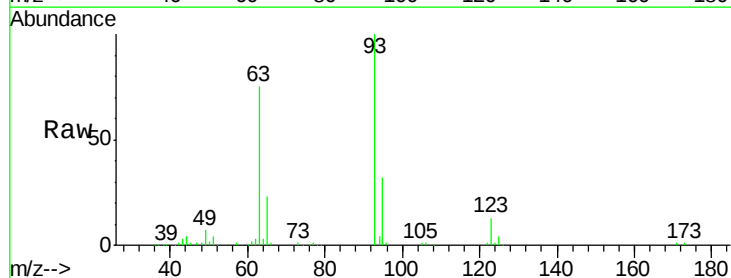
Manual Integrations
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#28
bis(2-Chloroethoxy)methane
Concen: 43.030 ng
RT: 11.14 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BG033163.D
Acq: 15 Mar 2018 3:15

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.1	24.3	36.5
123	12.6	8.4	12.6





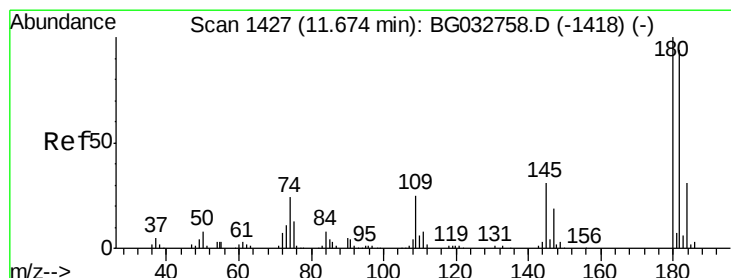
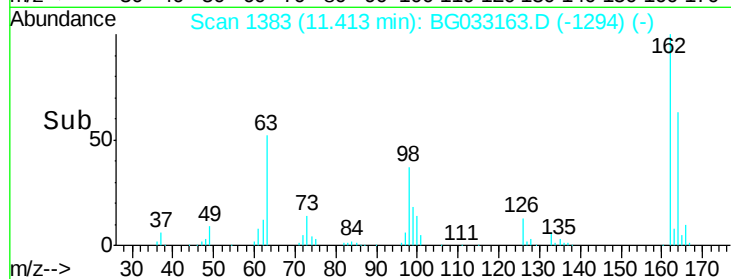
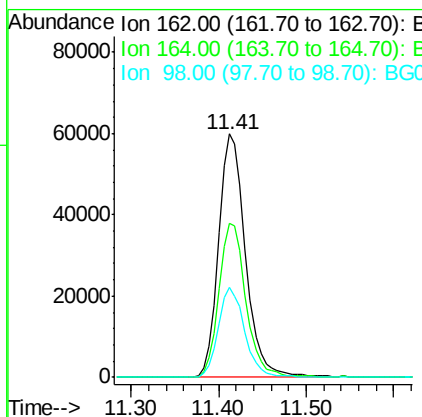
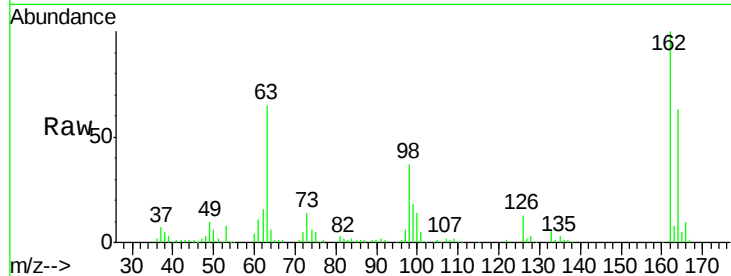
#29
2,4-Dichlorophenol
Concen: 52.054 ng
RT: 11.41 min Scan# 1383
Delta R.T. -0.00 min
Lab File: BG033163.D
Acq: 15 Mar 2018 3:15

Instrument :
BNA_G
ClientSampleId :
BU-02-031318MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		127094		
164	63.4		48.0	88.0	
98	36.9		21.1	61.1	

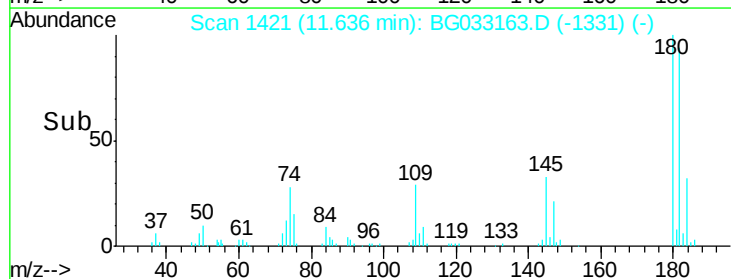
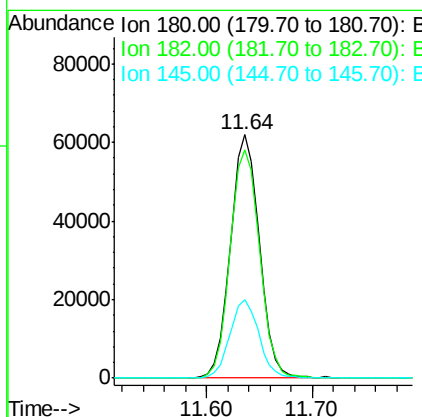
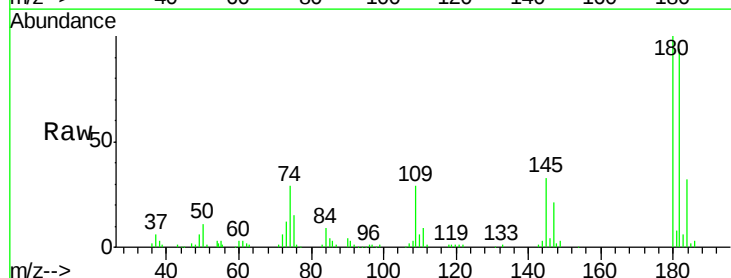
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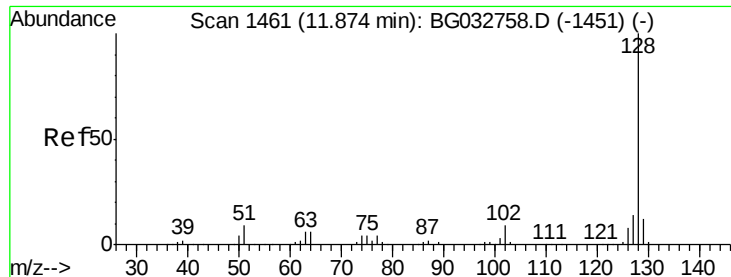
Sohil
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#30
1,2,4-Trichlorobenzene
Concen: 40.712 ng
RT: 11.64 min Scan# 1421
Delta R.T. 0.00 min
Lab File: BG033163.D
Acq: 15 Mar 2018 3:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		116518		
182	93.8		77.5	116.3	
145	32.5		23.4	35.2	





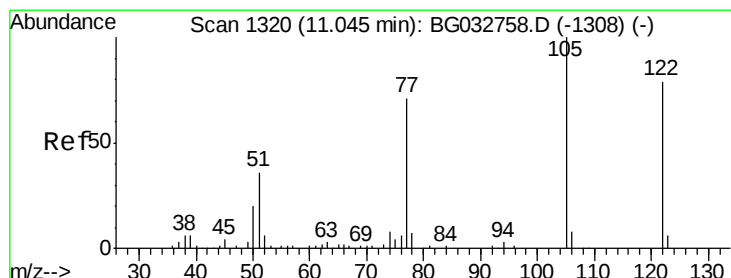
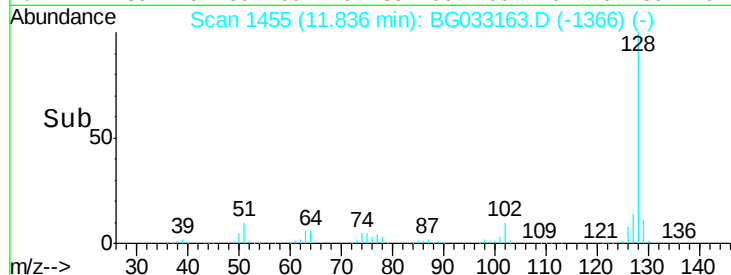
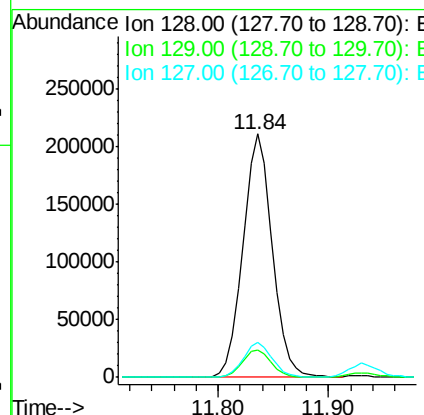
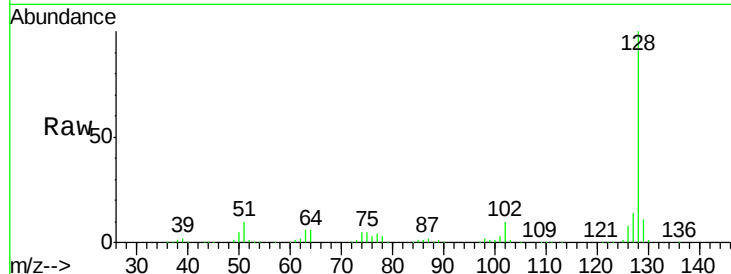
#31
Naphthalene
Concen: 42.684 ng
RT: 11.84 min Scan# 1455
Delta R.T. -0.00 min
Lab File: BG033163.D
Acq: 15 Mar 2018 3:15

Instrument :
BNA_G
ClientSampleId :
BU-02-031318MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.6	12.8
127	14.2	11.6	17.4

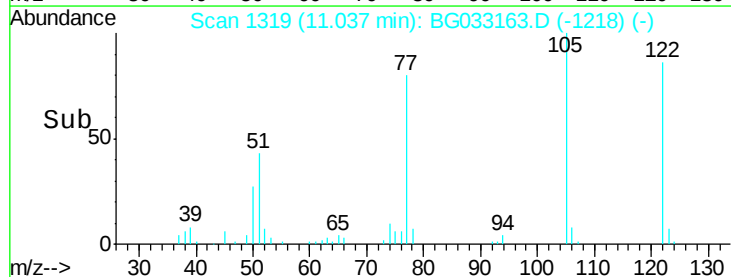
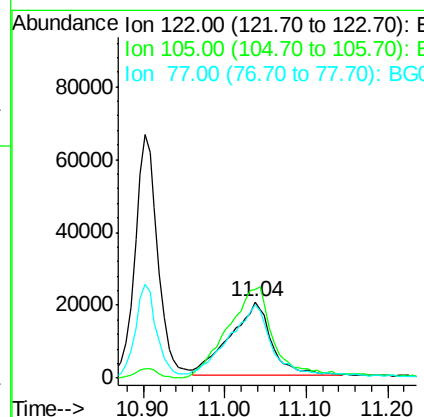
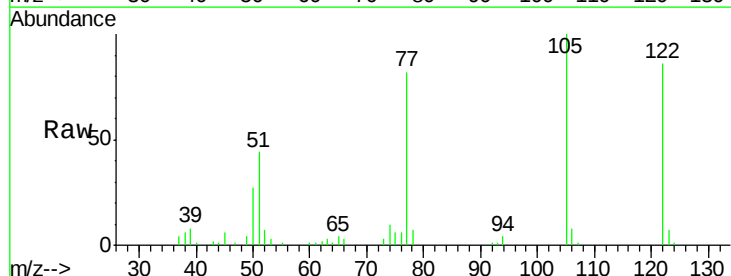
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#32
Benzoic acid
Concen: 44.221 ng m
RT: 11.04 min Scan# 1319
Delta R.T. 0.07 min
Lab File: BG033163.D
Acq: 15 Mar 2018 3:15

Tgt Ion	Ratio	Lower	Upper
122	100		
105	116.9	123.5	163.5#
77	95.6	85.7	125.7





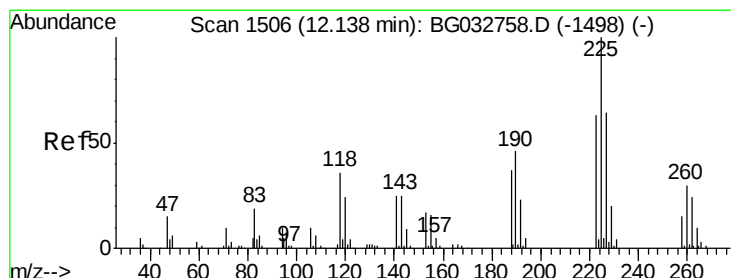
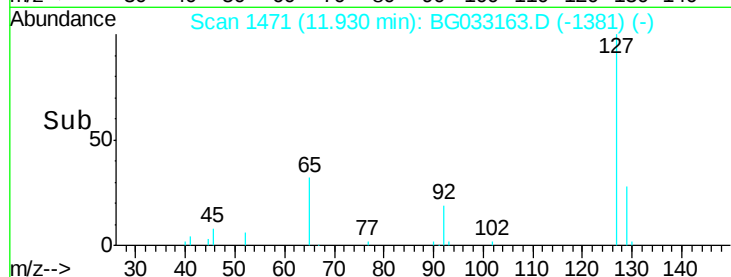
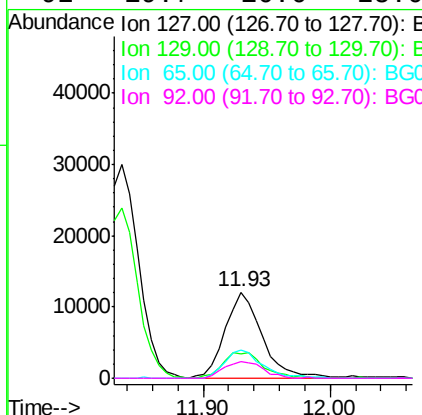
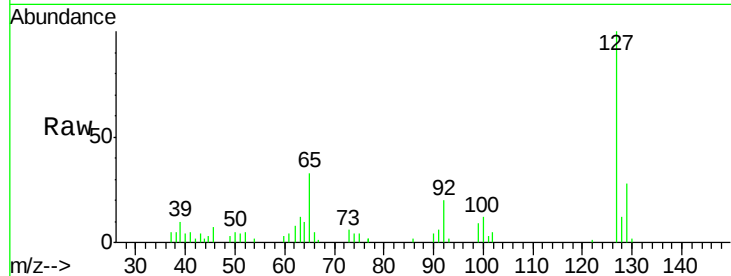
#33
4-Chloroaniline
Concen: 5.950 ng
RT: 11.93 min Scan# 1471
Delta R.T. 0.00 min
Lab File: BG033163.D
Acq: 15 Mar 2018 3:15

Instrument :
BNA_G
ClientSampleId :
BU-02-031318MS

Tot Ion	Ratio	Lower	Upper
127	100		
129	28.1	24.0	36.0
65	33.3	27.0	40.4
92	19.7	16.6	25.0

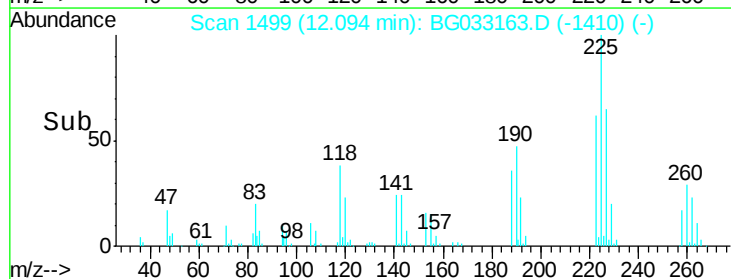
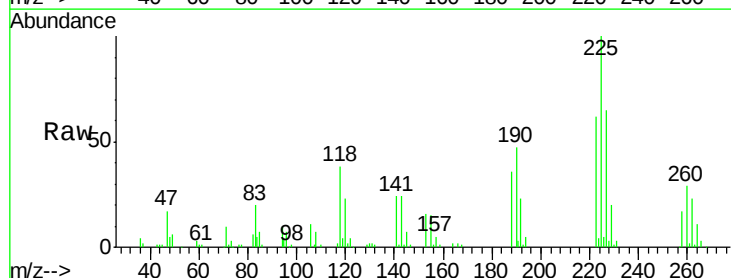
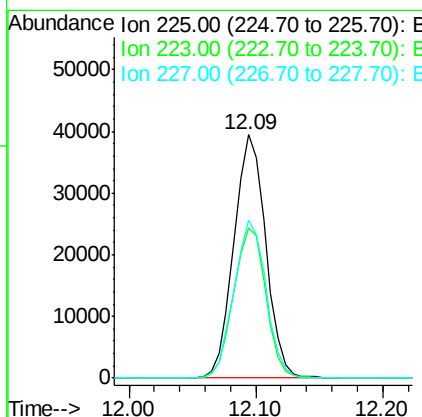
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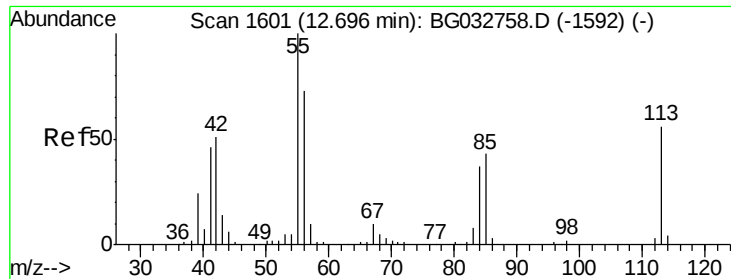
Sohil
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#34
Hexachlorobutadiene
Concen: 42.606 ng
RT: 12.09 min Scan# 1499
Delta R.T. -0.00 min
Lab File: BG033163.D
Acq: 15 Mar 2018 3:15

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.8	49.7	74.5
227	64.6	48.1	72.1





#35

Caprolactam

Concen: 40.574 ng

RT: 12.68 min Scan# 1599

Delta R.T. -0.01 min

Lab File: BG033163.D

Acq: 15 Mar 2018 3:15

Instrument :

BNA_G

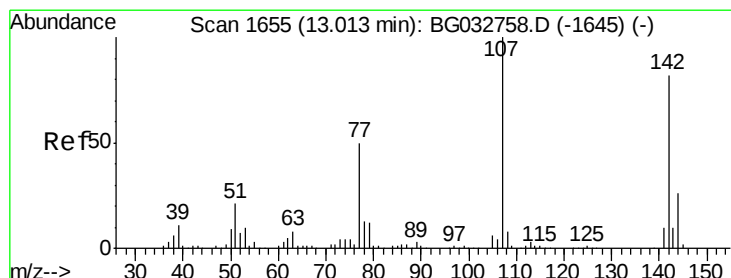
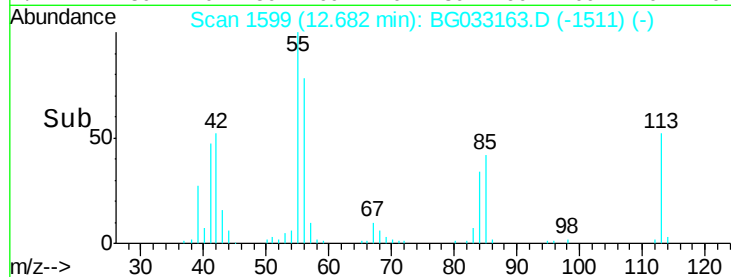
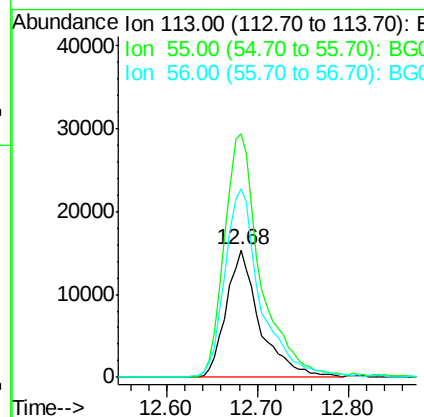
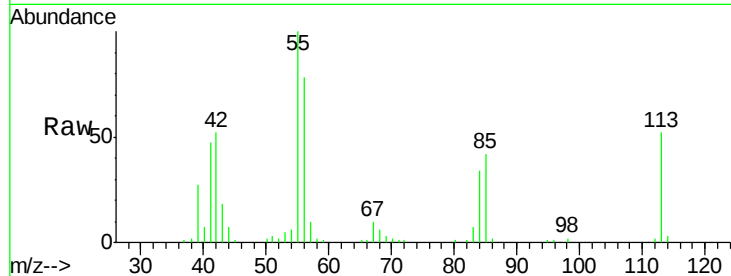
ClientSampleId :

BU-02-031318MS

Tot Ion:	113	Resp:	39667
Ion Ratio	Lower	Upper	
113	100		
55	191.3	186.9	226.9
56	148.5	130.9	170.9

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#36

4-Chloro-3-methylphenol

Concen: 55.808 ng

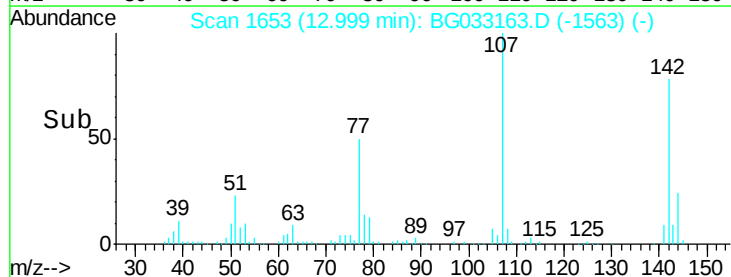
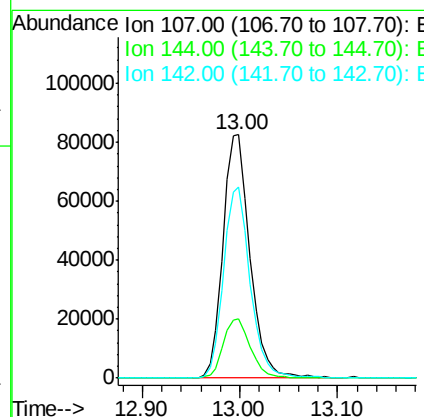
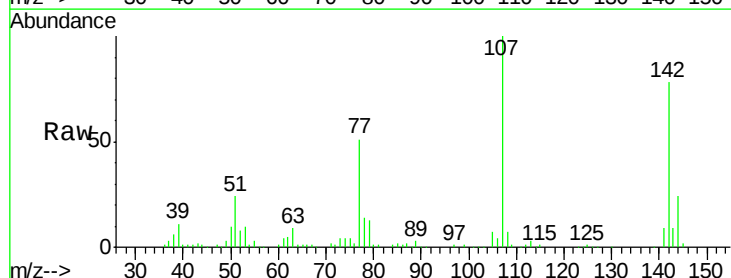
RT: 13.00 min Scan# 1653

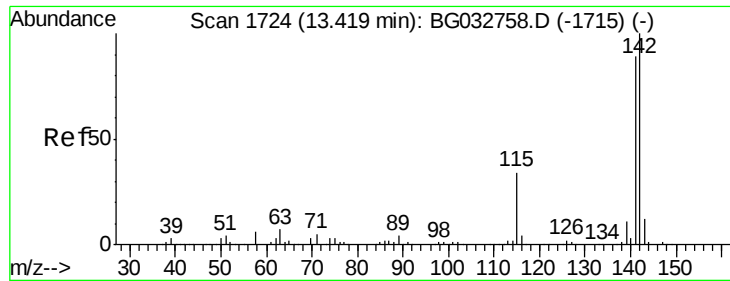
Delta R.T. 0.00 min

Lab File: BG033163.D

Acq: 15 Mar 2018 3:15

Tgt Ion:	107	Resp:	158567
Ion Ratio	Lower	Upper	
107	100		
144	24.4	18.2	27.4
142	78.4	59.0	88.4





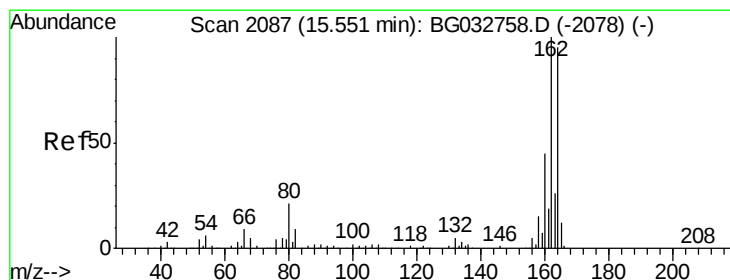
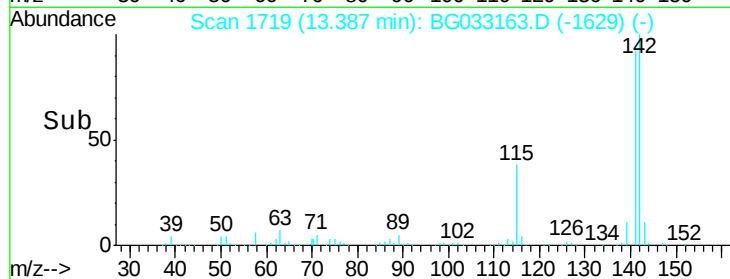
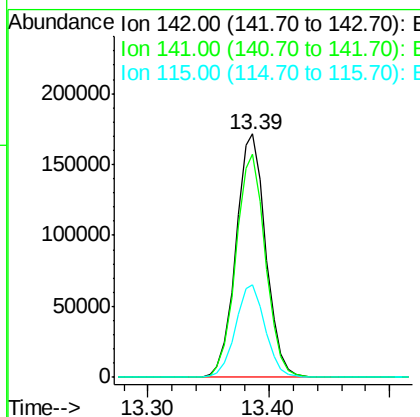
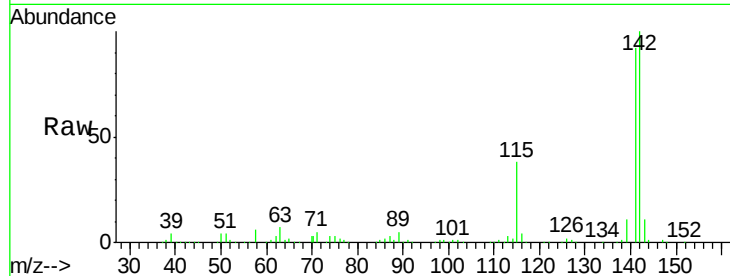
#37
2-Methylnaphthalene
Concen: 44.134 ng
RT: 13.39 min Scan# 1719
Delta R.T. 0.00 min
Lab File: BG033163.D
Acq: 15 Mar 2018 3:15

Instrument :
BNA_G
ClientSampleId :
BU-02-031318MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.8	67.1	100.7
115	37.9	30.7	46.1

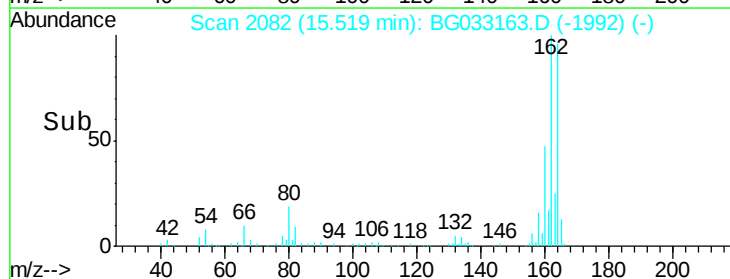
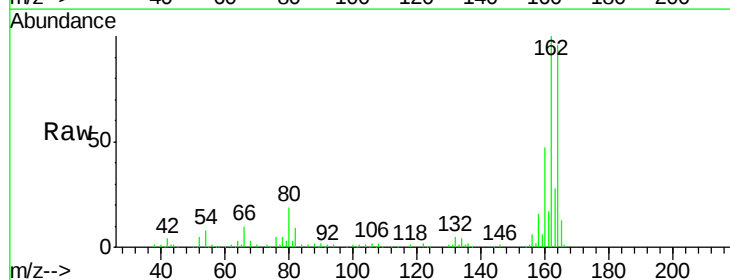
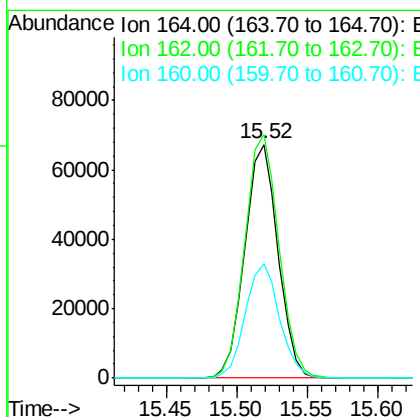
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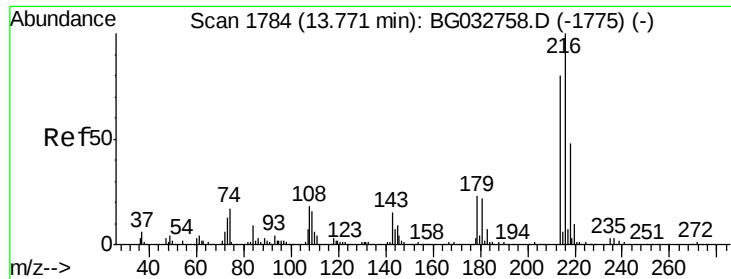
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.52 min Scan# 2082
Delta R.T. 0.00 min
Lab File: BG033163.D
Acq: 15 Mar 2018 3:15

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.3	78.8	118.2
160	48.9	35.4	53.0





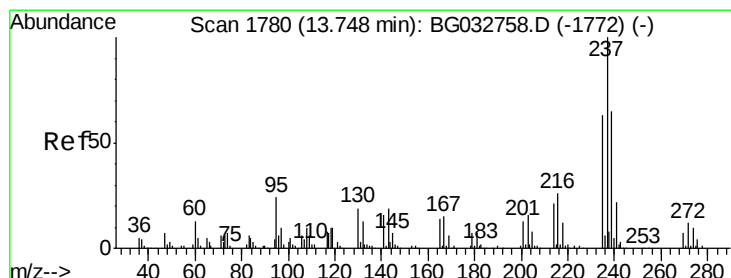
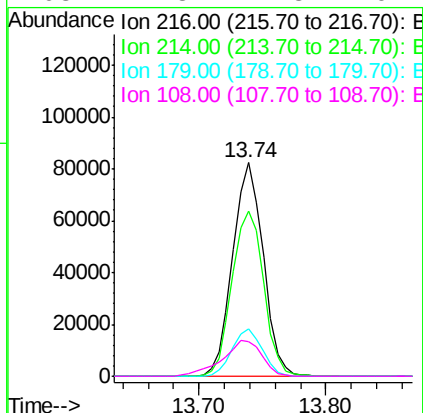
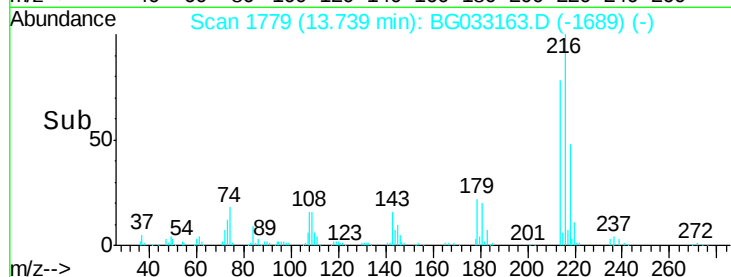
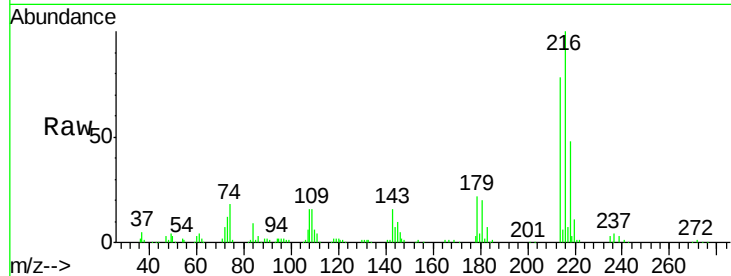
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.500 ng
 RT: 13.74 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: BG033163.D
 Acq: 15 Mar 2018 3:15

Instrument :
 BNA_G
 ClientSampleId :
 BU-02-031318MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	80.1		63.0	94.4	
179	22.1		17.0	25.6	
108	21.8		12.8	19.2	

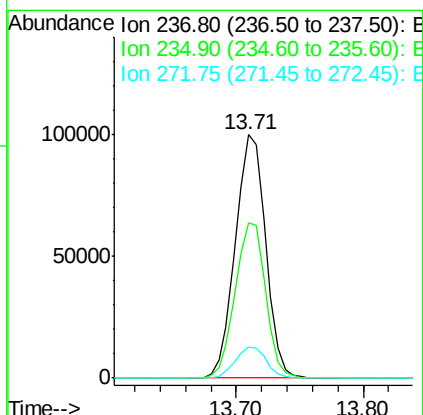
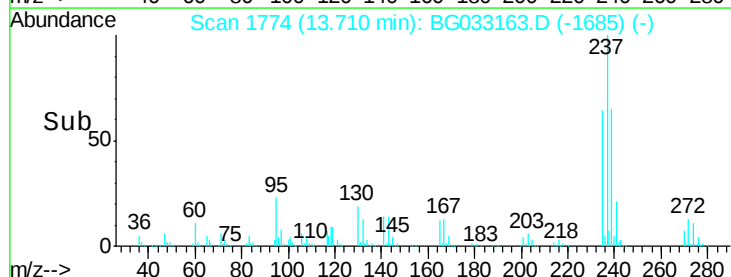
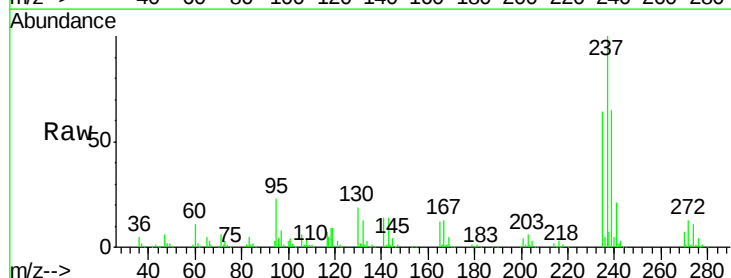
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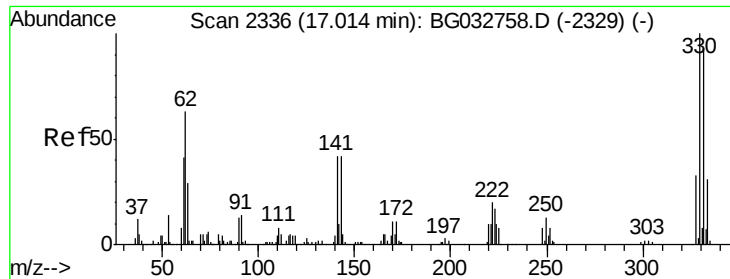
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#40
 Hexachlorocyclopentadiene
 Concen: 98.252 ng
 RT: 13.71 min Scan# 1774
 Delta R.T. -0.00 min
 Lab File: BG033163.D
 Acq: 15 Mar 2018 3:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	64.0		50.4	90.4	
272	13.0		0.0	31.8	





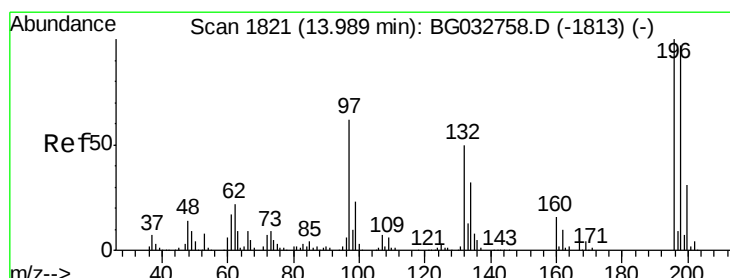
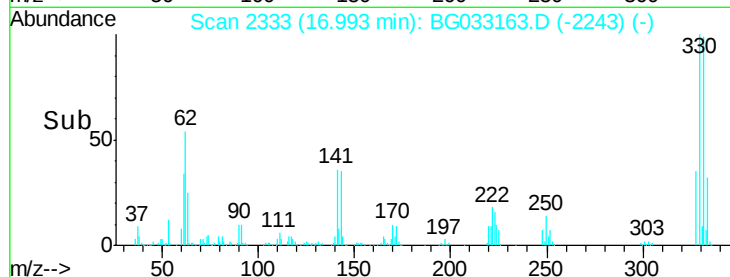
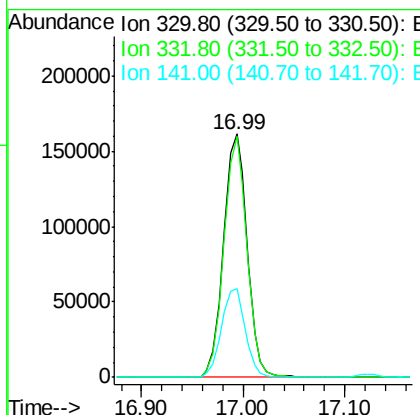
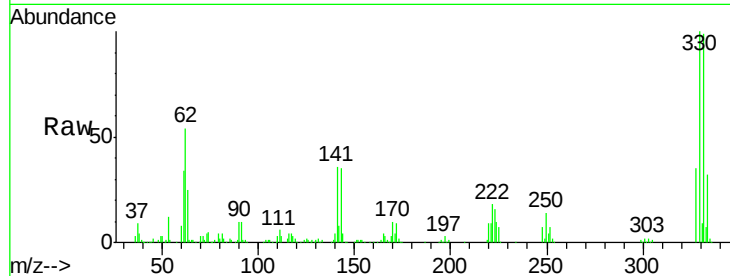
#41
 2,4,6-Tribromophenol
 Concen: 223.275 ng
 RT: 16.99 min Scan# 2333
 Delta R.T. 0.00 min
 Lab File: BG033163.D
 Acq: 15 Mar 2018 3:15

Instrument :
 BNA_G
 ClientSampleId :
 BU-02-031318MS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	260917		
332	96.3	77.0	115.6	
141	36.9	25.2	37.8	

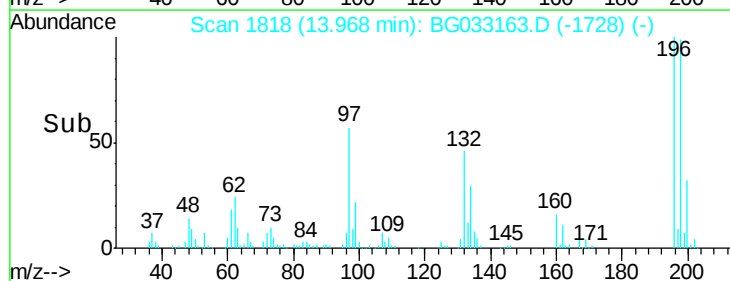
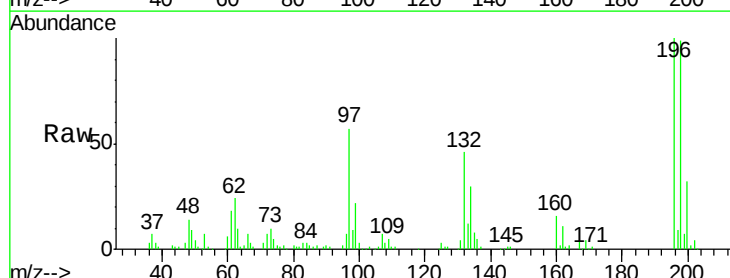
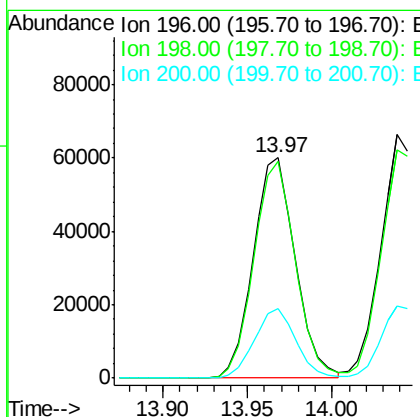
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#42
 2,4,6-Trichlorophenol
 Concen: 50.013 ng
 RT: 13.97 min Scan# 1818
 Delta R.T. 0.00 min
 Lab File: BG033163.D
 Acq: 15 Mar 2018 3:15

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	104056		
198	98.5	78.2	117.2	
200	31.6	24.6	36.8	





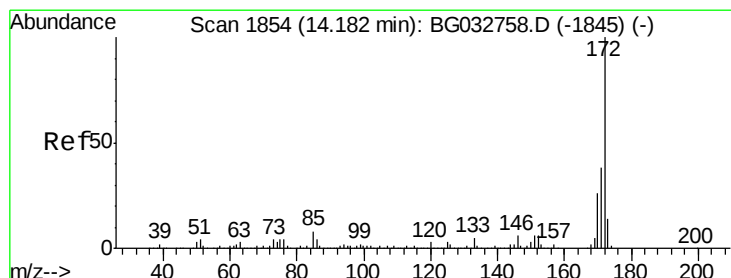
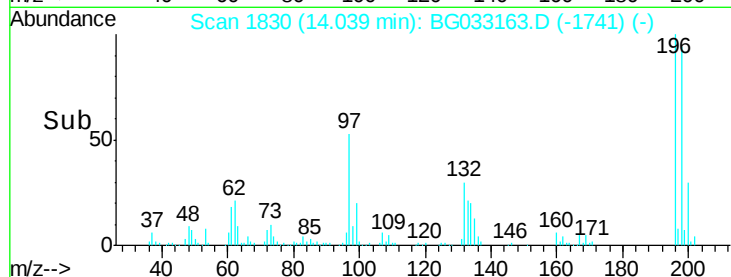
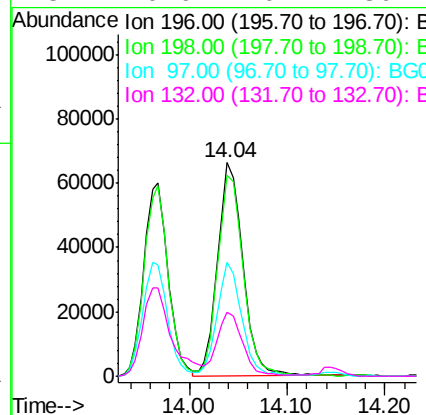
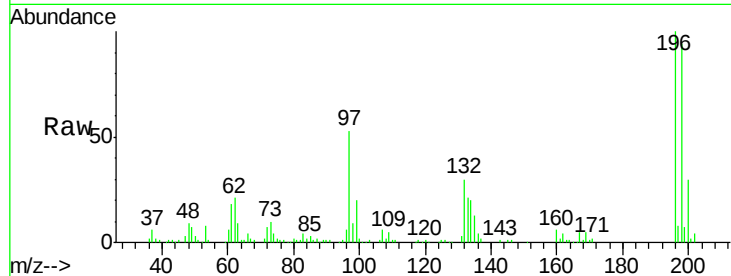
#43
 2,4,5-Trichlorophenol
 Concen: 49.768 ng
 RT: 14.04 min Scan# 1830
 Delta R.T. -0.00 min
 Lab File: BG033163.D
 Acq: 15 Mar 2018 3:15

Instrument :
 BNA_G
 ClientSampleId :
 BU-02-031318MS

Tot Ion	196	Resp	119844
Ion Ratio	Lower	Upper	
196	100		
198	93.9	76.2	114.4
97	53.1	38.7	58.1
132	29.9	20.2	30.2

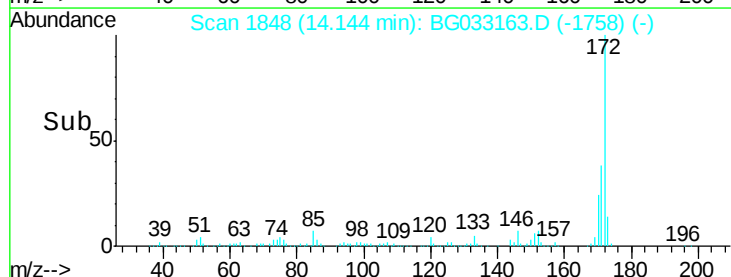
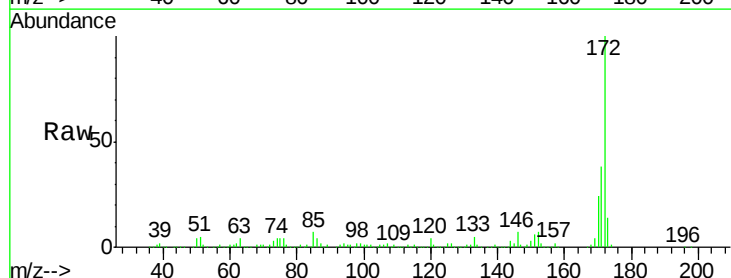
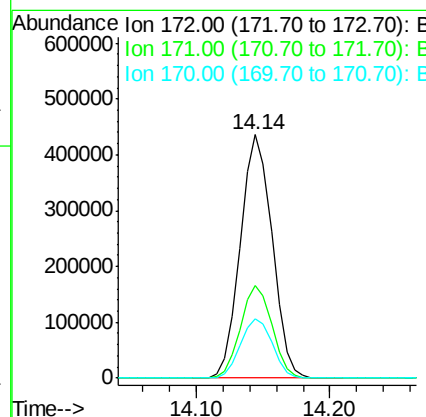
Manual Integrations
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#44
 2-Fluorobiphenyl
 Concen: 93.432 ng
 RT: 14.14 min Scan# 1848
 Delta R.T. 0.00 min
 Lab File: BG033163.D
 Acq: 15 Mar 2018 3:15

Tgt Ion	172	Resp	719984
Ion Ratio	Lower	Upper	
172	100		
171	37.9	30.0	45.0
170	24.5	19.5	29.3





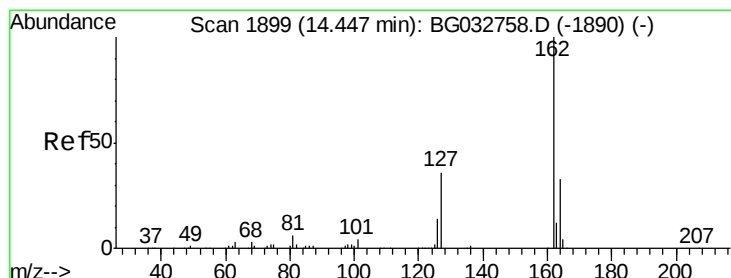
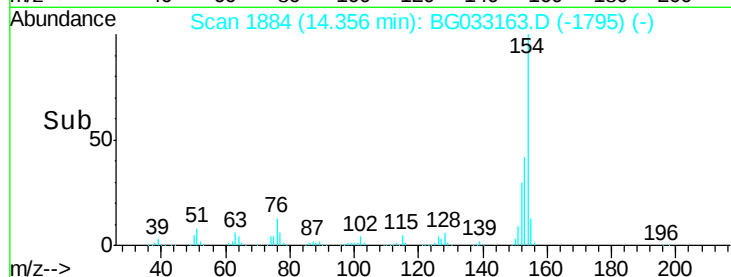
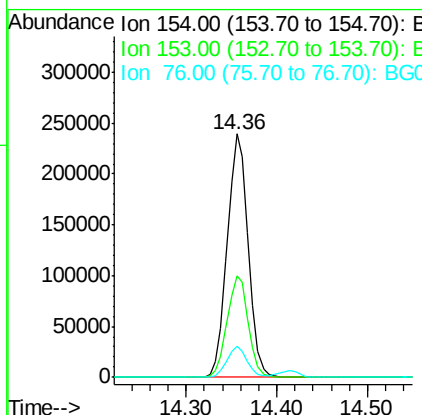
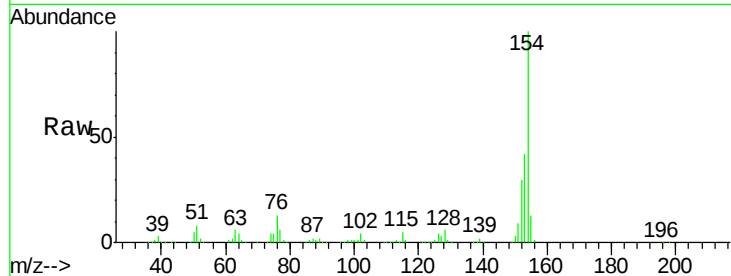
#45
 1,1'-Biphenyl
 Concen: 39.375 ng
 RT: 14.36 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: BG033163.D
 Acq: 15 Mar 2018 3:15

Instrument :
 BNA_G
 ClientSampleId :
 BU-02-031318MS

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.8	19.8	59.8
76	12.7	0.0	31.9

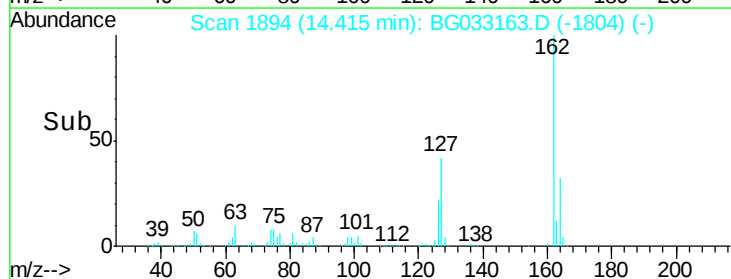
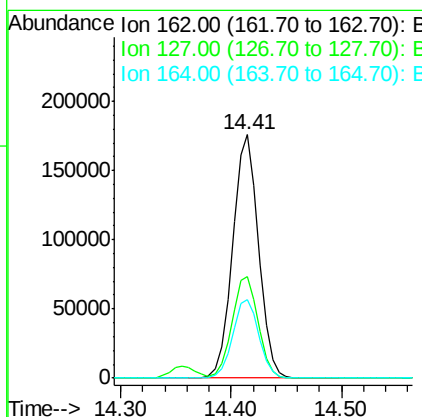
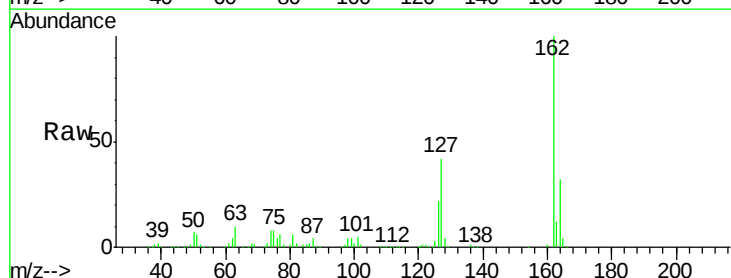
Manual Integrations
 APPROVED

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 3/15/2018 7:00:15 PM



#46
 2-Chloronaphthalene
 Concen: 39.837 ng
 RT: 14.41 min Scan# 1894
 Delta R.T. 0.00 min
 Lab File: BG033163.D
 Acq: 15 Mar 2018 3:15

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.6	30.7	46.1
164	32.4	26.0	39.0





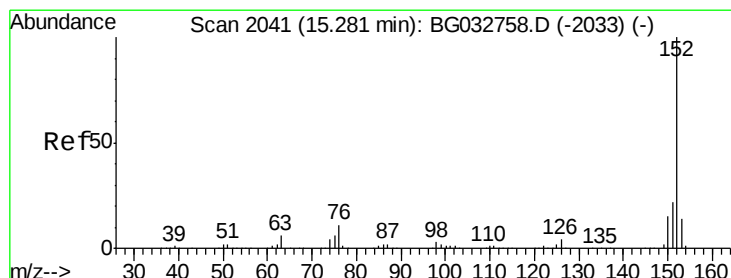
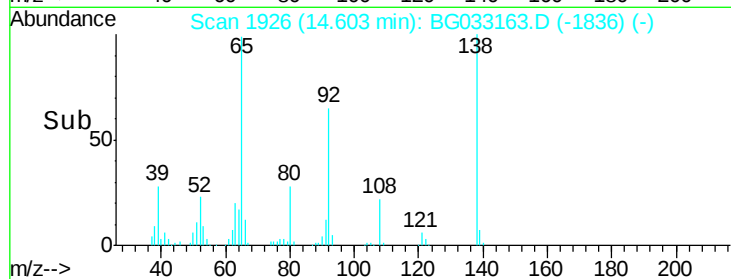
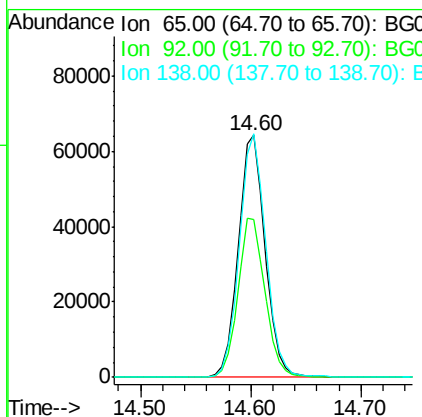
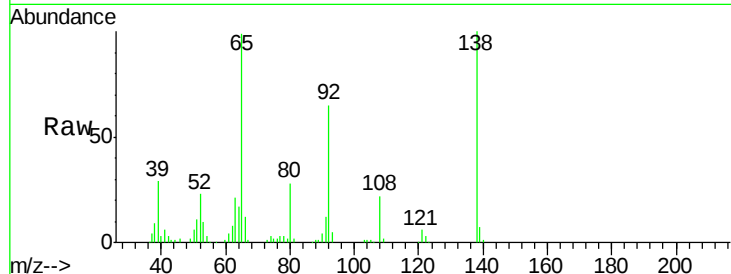
#47
2-Nitroaniline
Concen: 57.699 ng
RT: 14.60 min Scan# 1926
Delta R.T. 0.00 min
Lab File: BG033163.D
Acq: 15 Mar 2018 3:15

Instrument :
BNA_G
ClientSampleId :
BU-02-031318MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	65.3	54.6	82.0
138	100.7	72.9	109.3

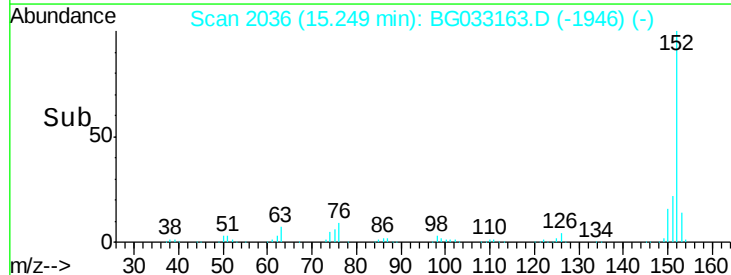
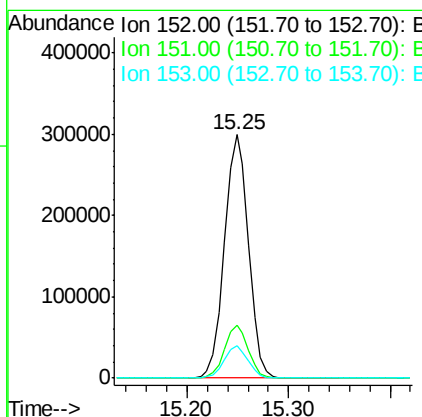
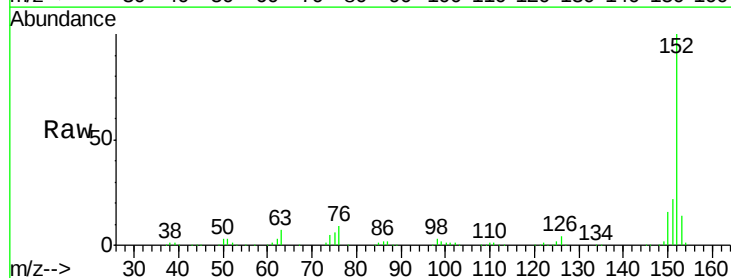
Manual Integrations
APPROVED

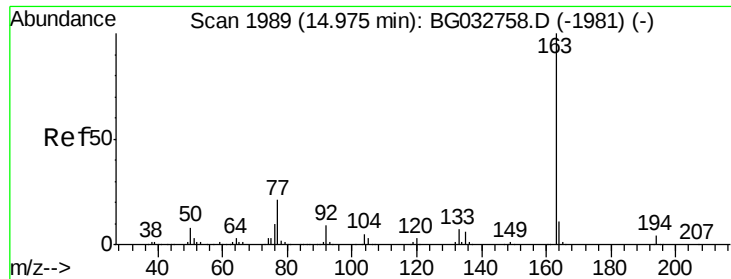
Sohil
3/15/2018 7:00:15 PM



#48
Acenaphthylene
Concen: 41.114 ng
RT: 15.25 min Scan# 2036
Delta R.T. 0.00 min
Lab File: BG033163.D
Acq: 15 Mar 2018 3:15

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.9	17.2	25.8
153	13.5	10.2	15.4





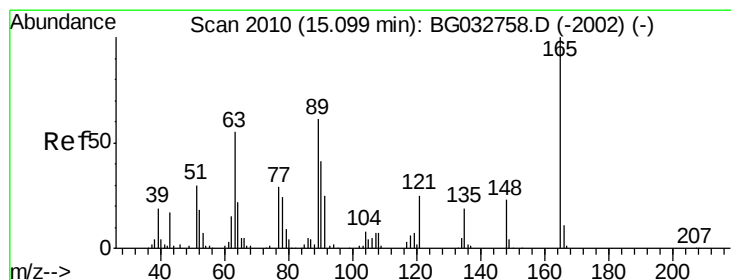
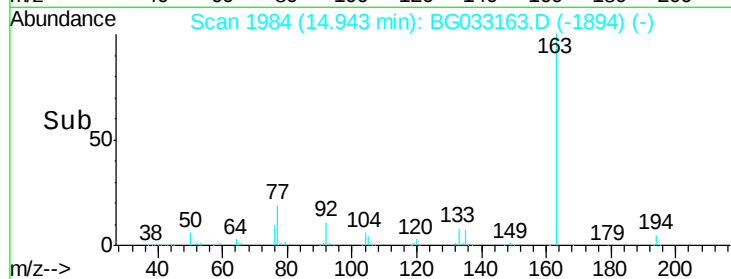
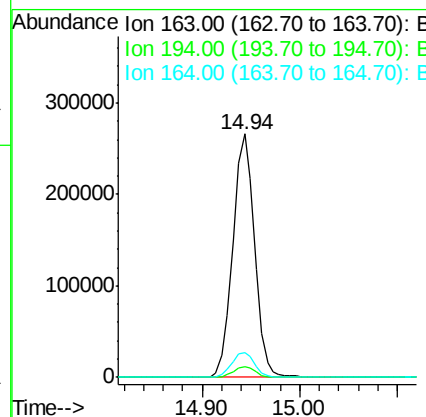
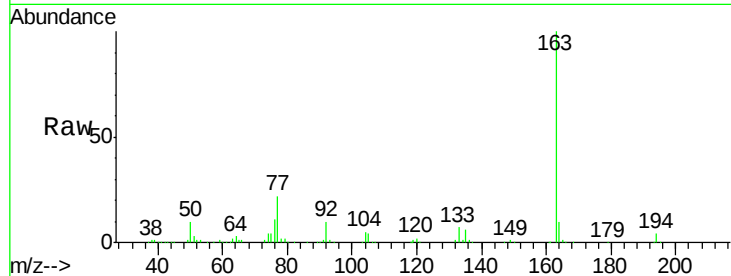
#49
Dimethylphthalate
Concen: 43.574 ng
RT: 14.94 min Scan# 1984
Delta R.T. 0.00 min
Lab File: BG033163.D
Acq: 15 Mar 2018 3:15

Instrument :
BNA_G
ClientSampleId :
BU-02-031318MS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	411197		
194	4.4		3.4	5.2
164	10.1		8.2	12.4

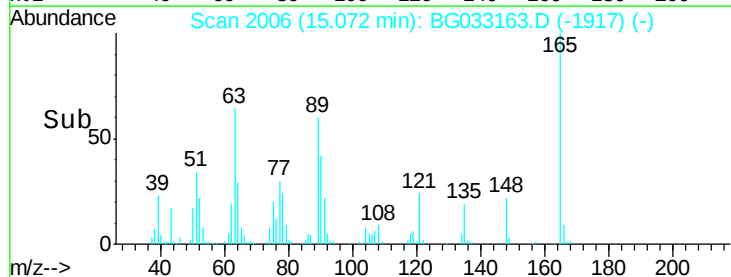
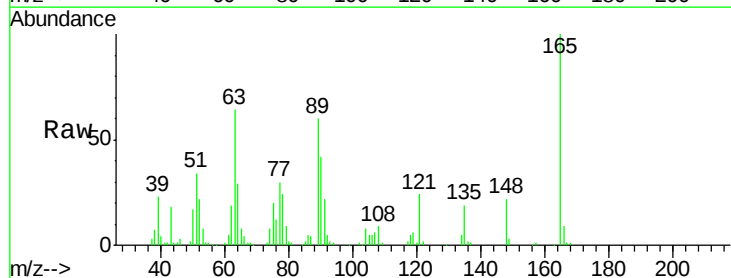
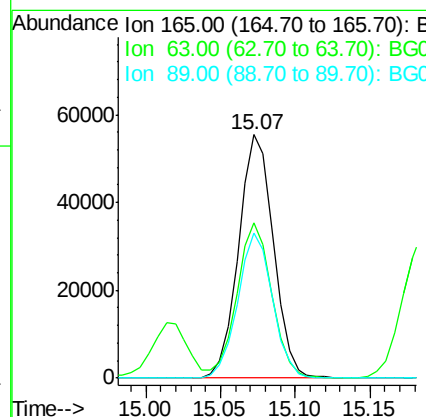
Manual Integrations
APPROVED

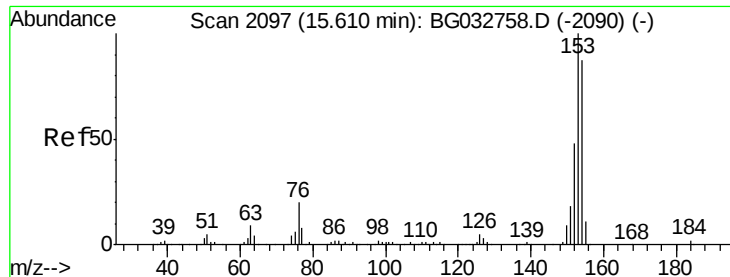
Sohil
3/15/2018 7:00:15 PM



#50
2,6-Dinitrotoluene
Concen: 55.612 ng
RT: 15.07 min Scan# 2006
Delta R.T. -0.00 min
Lab File: BG033163.D
Acq: 15 Mar 2018 3:15

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	89568		
63	63.6		52.7	79.1
89	59.6		49.2	73.8





#51

Acenaphthene

Concen: 46.653 ng

RT: 15.58 min Scan# 2093

Delta R.T. 0.00 min

Lab File: BG033163.D

Acq: 15 Mar 2018 3:15

Instrument :

BNA_G

ClientSampleId :

BU-02-031318MS

Tot Ion:154 Resp: 345099

Ion Ratio Lower Upper

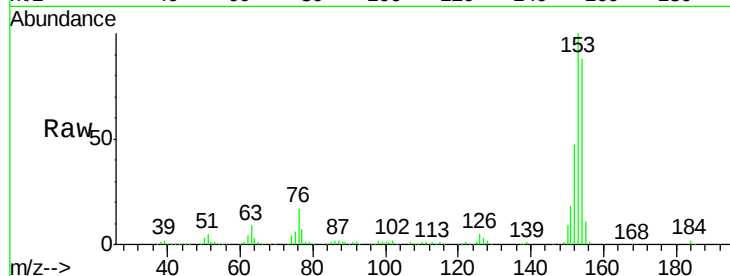
154 100

153 113.9 90.4 135.6

152 53.8 41.6 62.4

Manual Integrations
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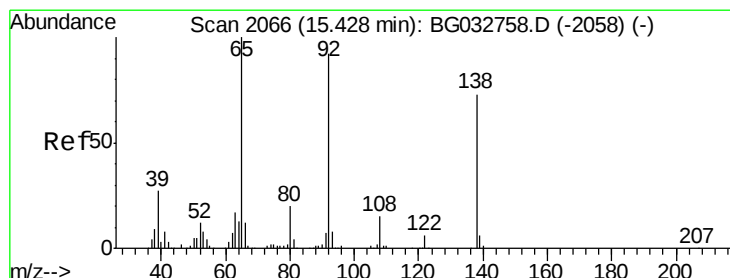
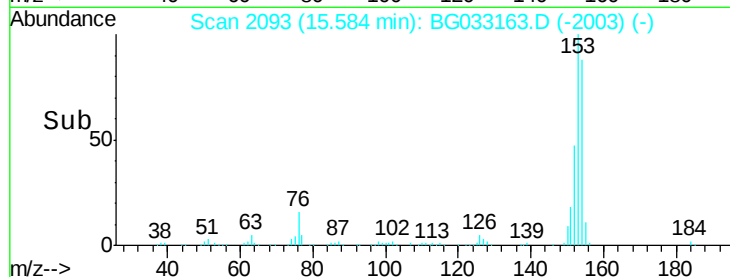
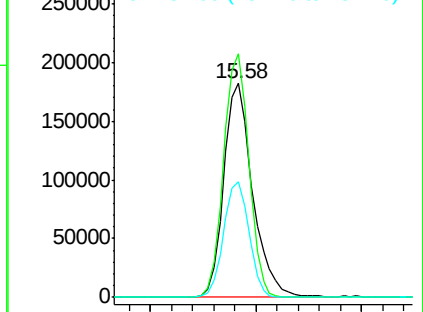
Sohil
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 19.727 ng

RT: 15.41 min Scan# 2063

Delta R.T. -0.00 min

Lab File: BG033163.D

Acq: 15 Mar 2018 3:15

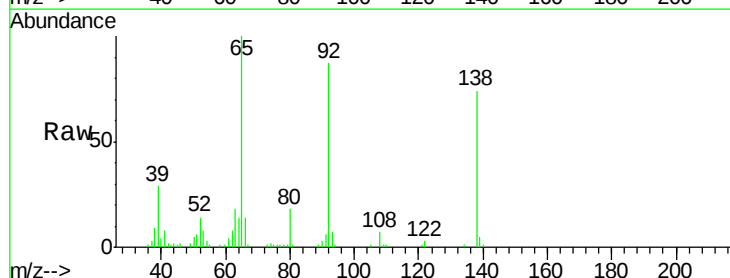
Tgt Ion:138 Resp: 27933

Ion Ratio Lower Upper

138 100

108 10.0 17.5 26.3#

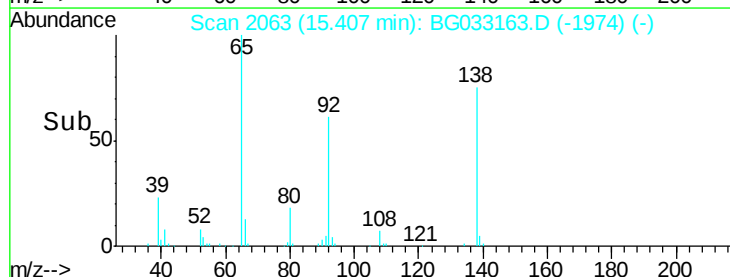
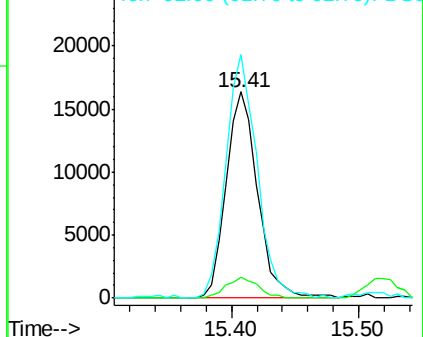
92 118.0 105.8 158.8

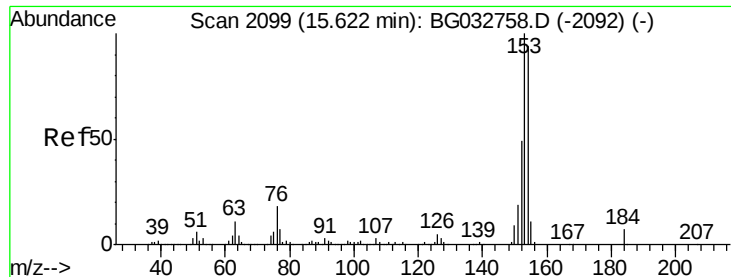


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC





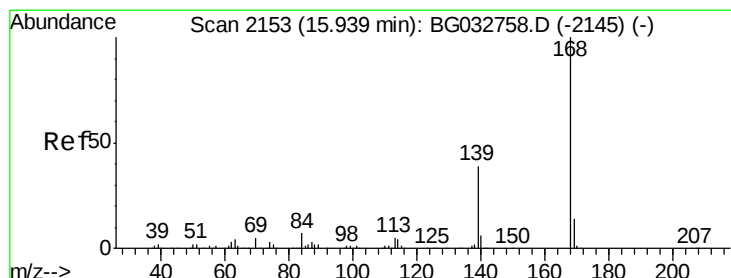
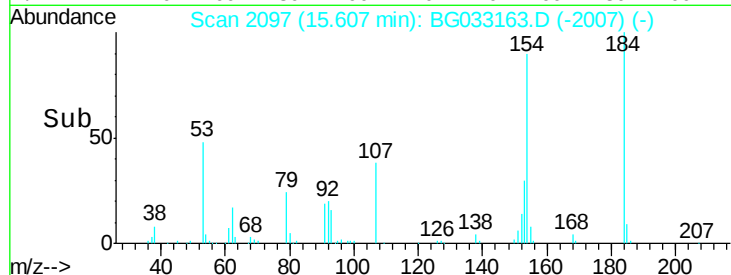
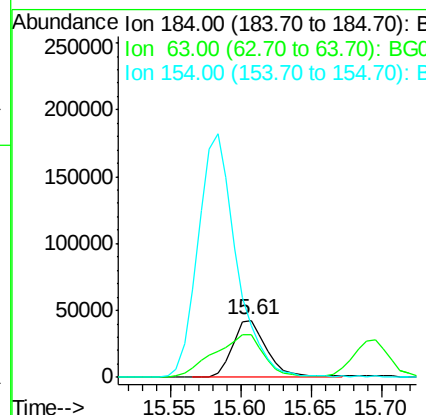
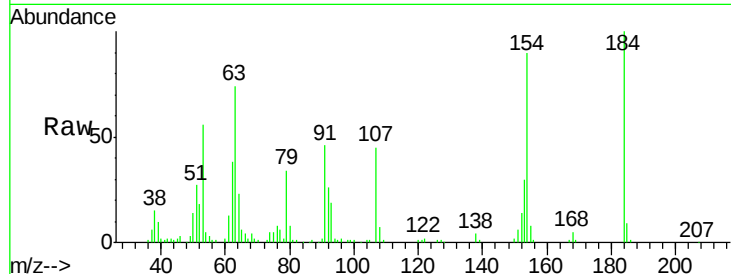
#53
 2,4-Dinitrophenol
 Concen: 122.188 ng
 RT: 15.61 min Scan# 2097
 Delta R.T. 0.00 min
 Lab File: BG033163.D
 Acq: 15 Mar 2018 3:15

Instrument :
 BNA_G
 ClientSampleId :
 BU-02-031318MS

Tot Ion	Ratio	Lower	Upper
184	100		
63	74.1	59.8	89.8
154	90.5	101.8	152.8#

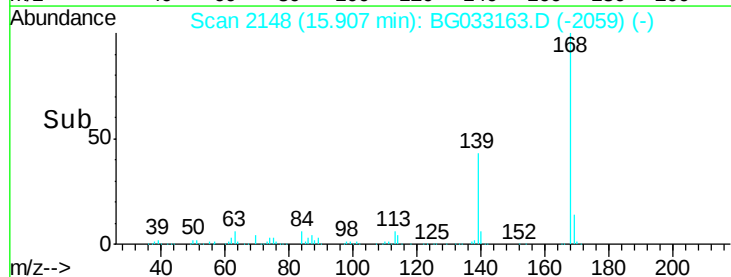
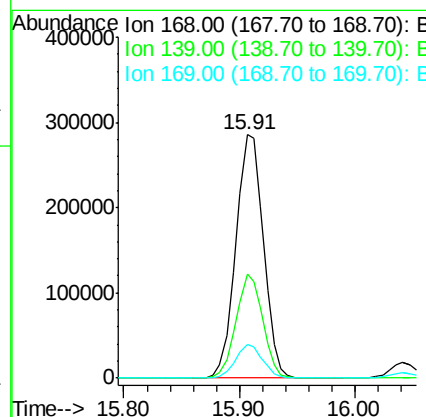
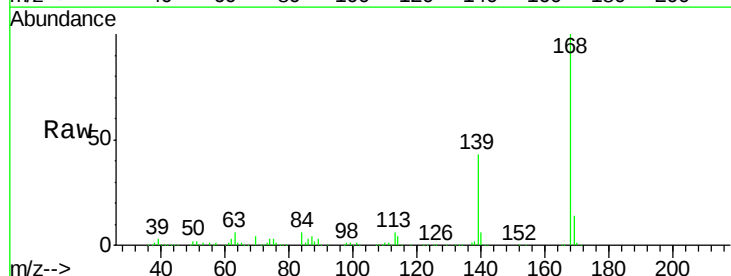
Manual Integrations
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Sohil
 3/15/2018 7:00:15 PM



#54
 Dibenzofuran
 Concen: 44.823 ng
 RT: 15.91 min Scan# 2148
 Delta R.T. -0.00 min
 Lab File: BG033163.D
 Acq: 15 Mar 2018 3:15

Tgt Ion	Ratio	Lower	Upper
168	100		
139	42.7	28.6	43.0
169	13.8	11.2	16.8





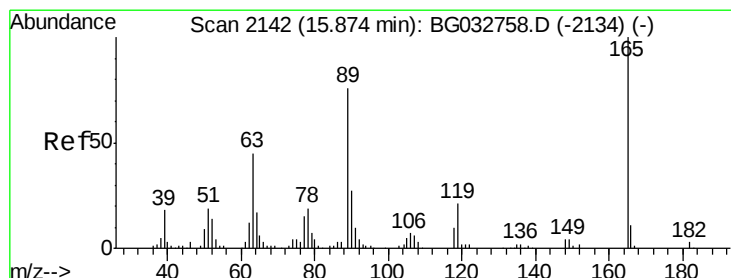
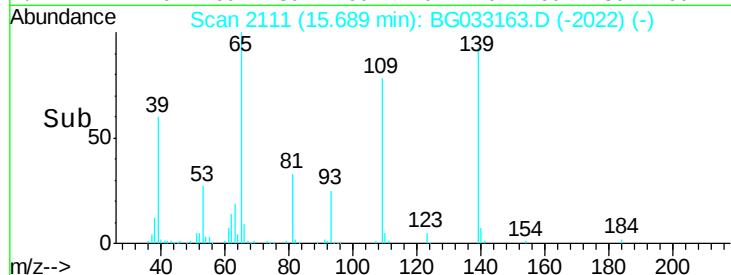
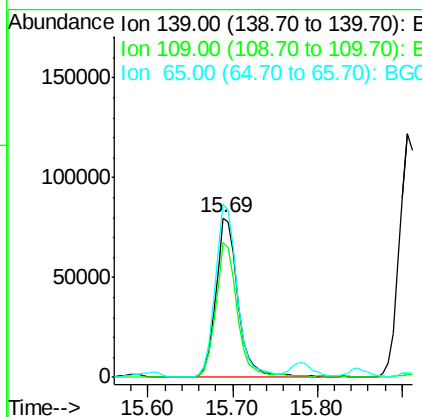
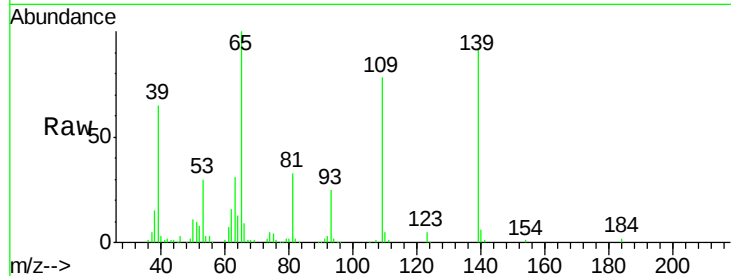
#55
4-Nitrophenol
Concen: 94.456 ng
RT: 15.69 min Scan# 2111
Delta R.T. -0.00 min
Lab File: BG033163.D
Acq: 15 Mar 2018 3:15

Instrument :
BNA_G
ClientSampleId :
BU-02-031318MS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	148135		
109	84.1	62.2	102.2	
65	108.5	97.2	137.2	

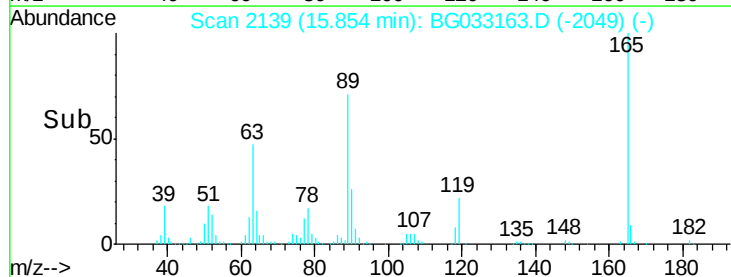
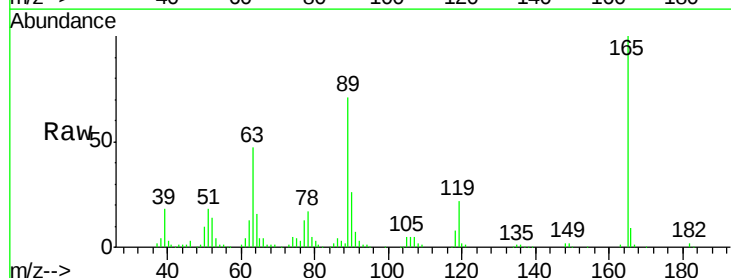
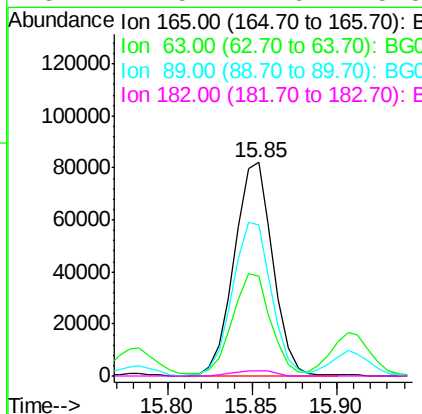
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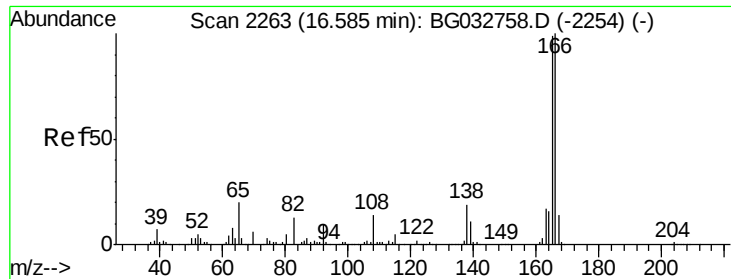
Sohil
3/15/2018 7:00:15 PM



#56
2,4-Dinitrotoluene
Concen: 64.808 ng
RT: 15.85 min Scan# 2139
Delta R.T. 0.00 min
Lab File: BG033163.D
Acq: 15 Mar 2018 3:15

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	130061		
63	46.9	42.0	63.0	
89	70.9	66.9	100.3	
182	2.5	2.6	3.8#	





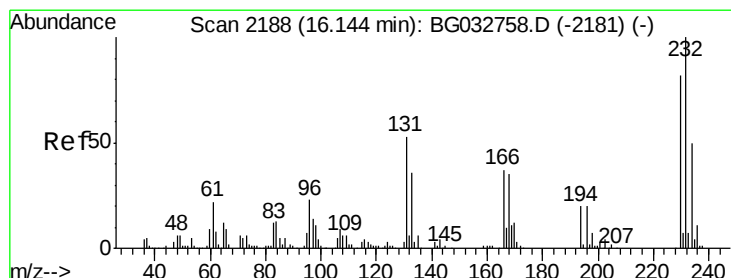
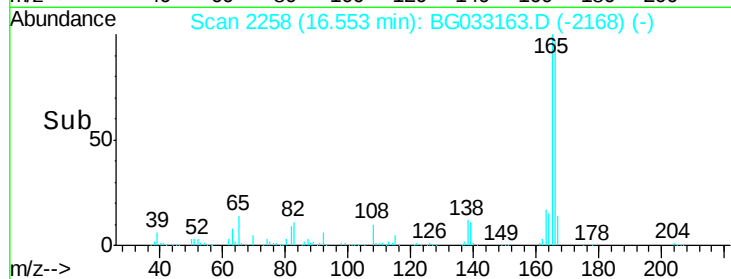
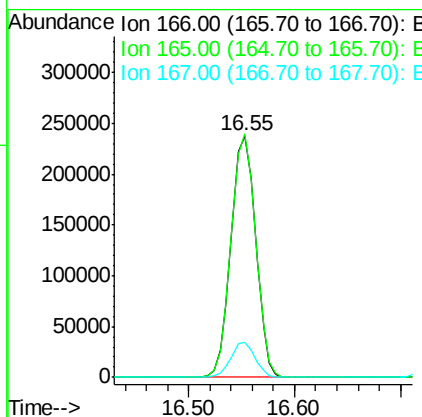
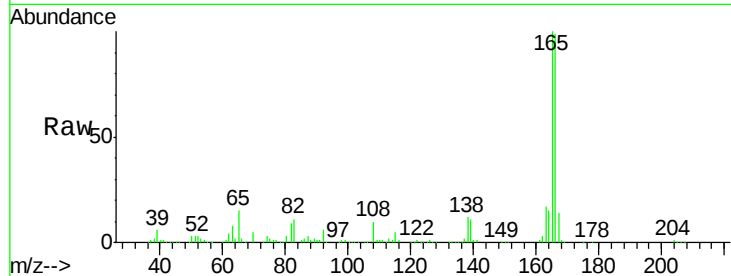
#57
 Fluorene
 Concen: 44.174 ng
 RT: 16.55 min Scan# 2258
 Delta R.T. 0.00 min
 Lab File: BG033163.D
 Acq: 15 Mar 2018 3:15

Instrument :
 BNA_G
 ClientSampleId :
 BU-02-031318MS

Tot Ion	Ratio	Lower	Upper
166	100		
165	100.9	80.6	121.0
167	14.4	10.4	15.6

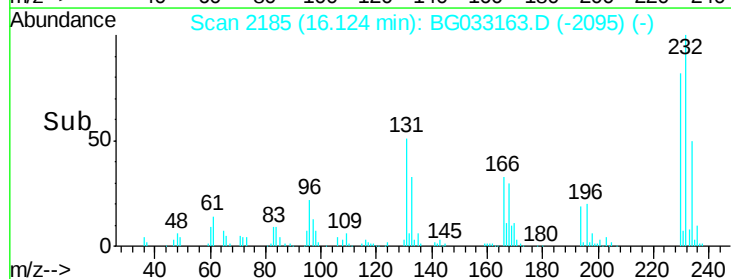
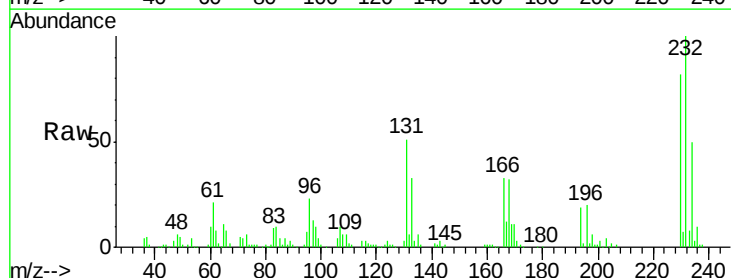
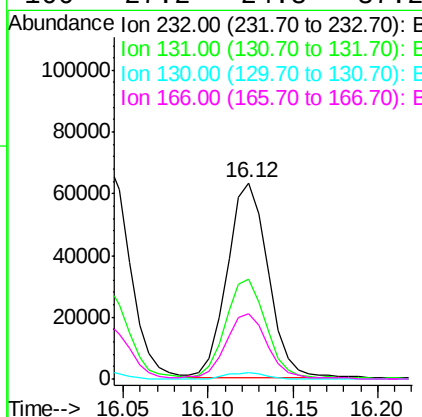
Manual Integrations
 APPROVED

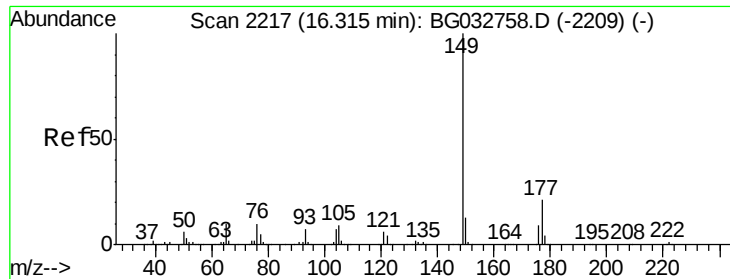
Sohil
 3/15/2018 7:00:15 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 56.519 ng m
 RT: 16.12 min Scan# 2185
 Delta R.T. 0.00 min
 Lab File: BG033163.D
 Acq: 15 Mar 2018 3:15

Tgt Ion	Ratio	Lower	Upper
232	100		
131	44.9	33.5	50.3
130	2.8	2.2	3.2
166	27.2	24.8	37.2





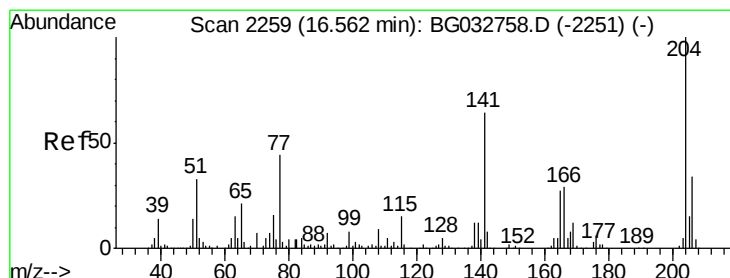
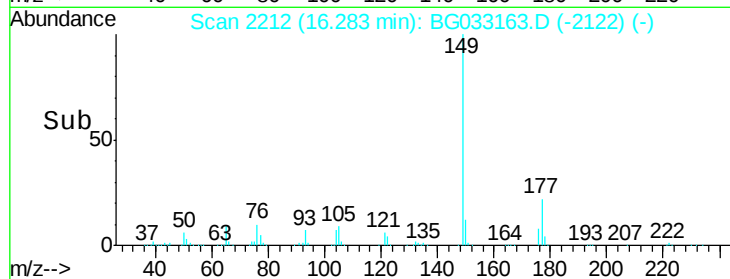
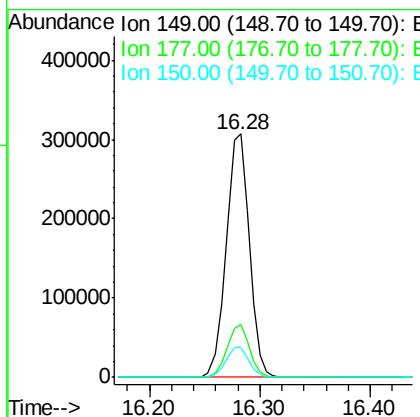
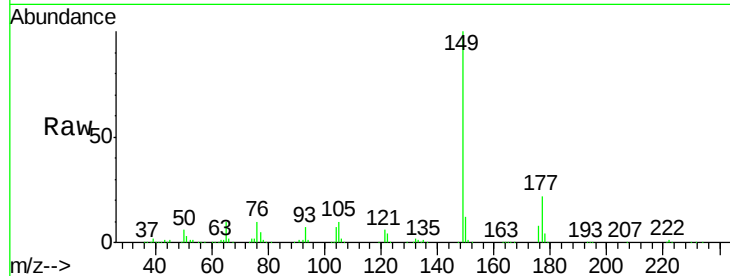
#59
Diethylphthalate
Concen: 45.343 ng
RT: 16.28 min Scan# 2212
Delta R.T. 0.00 min
Lab File: BG033163.D
Acq: 15 Mar 2018 3:15

Instrument :
BNA_G
ClientSampleId :
BU-02-031318MS

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.6	18.5	27.7
150	12.2	10.2	15.2

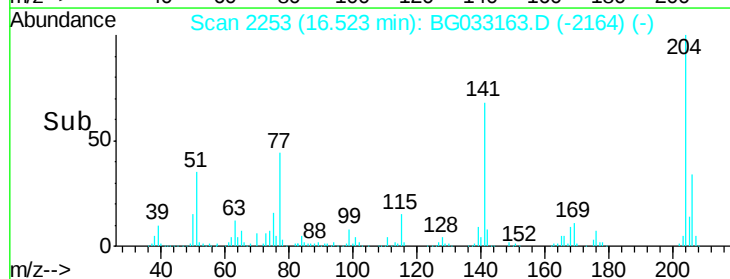
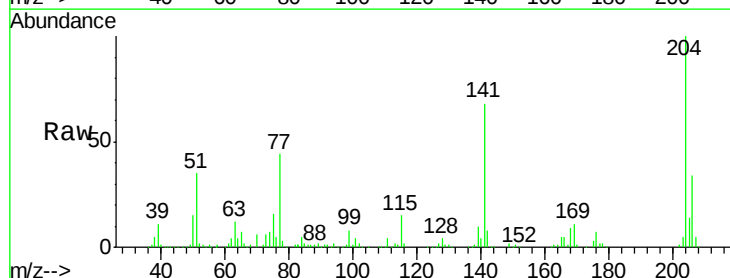
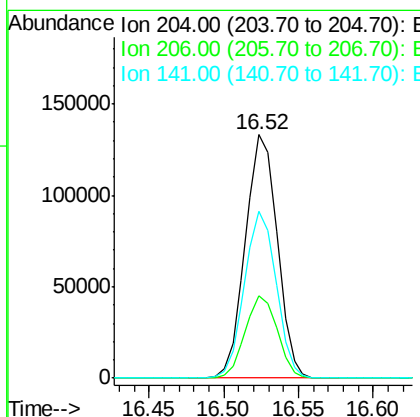
Manual Integrations
APPROVED

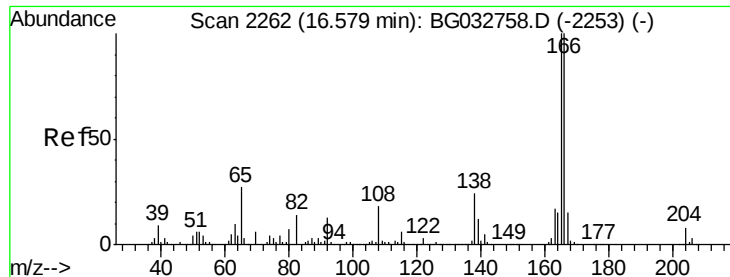
Sohil
3/15/2018 7:00:15 PM



#60
4-Chlorophenyl-phenylether
Concen: 46.395 ng
RT: 16.52 min Scan# 2253
Delta R.T. -0.00 min
Lab File: BG033163.D
Acq: 15 Mar 2018 3:15

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.0	26.2	39.2
141	68.3	45.8	68.6





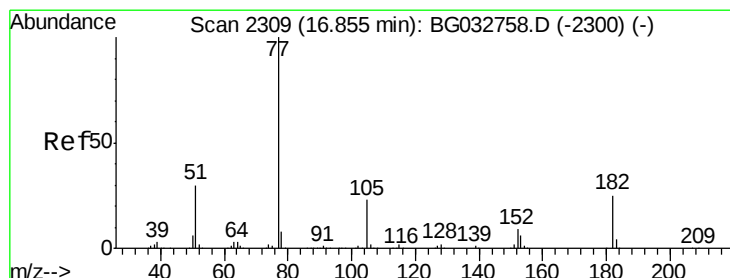
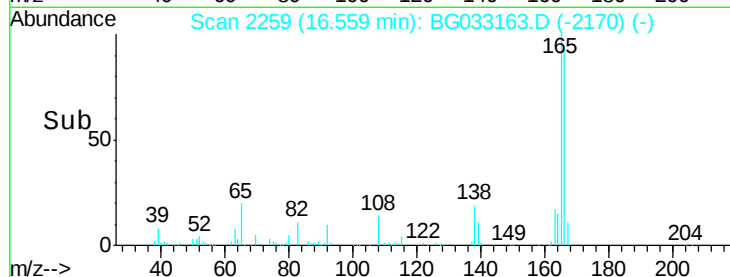
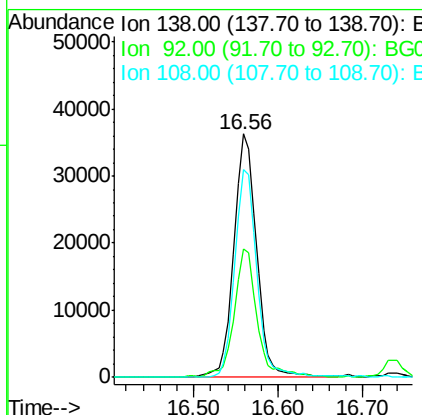
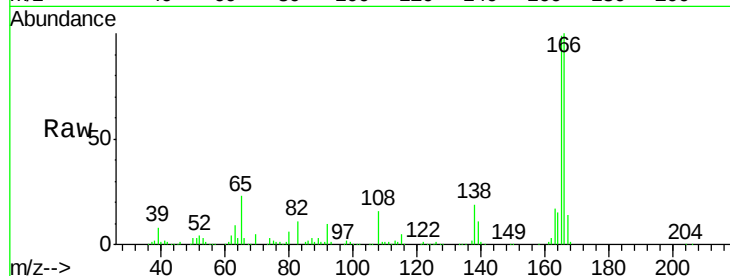
#61
4-Nitroaniline
Concen: 34.582 ng
RT: 16.56 min Scan# 2259
Delta R.T. -0.00 min
Lab File: BG033163.D
Acq: 15 Mar 2018 3:15

Instrument :
BNA_G
ClientSampleId :
BU-02-031318MS

Tot Ion	Ratio	Lower	Upper
138	100		
92	52.9	40.1	80.1
108	85.6	65.4	105.4

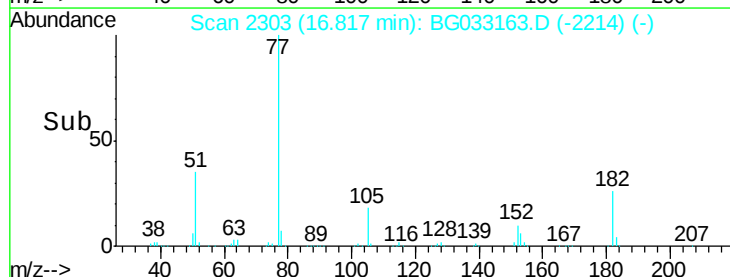
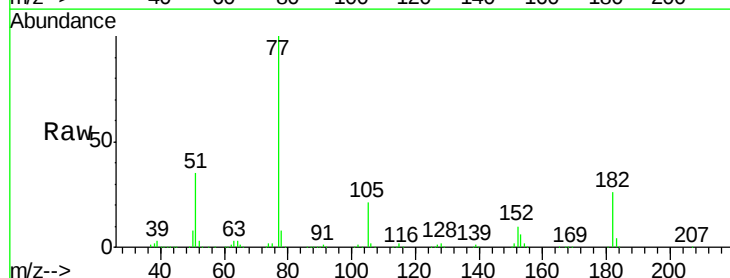
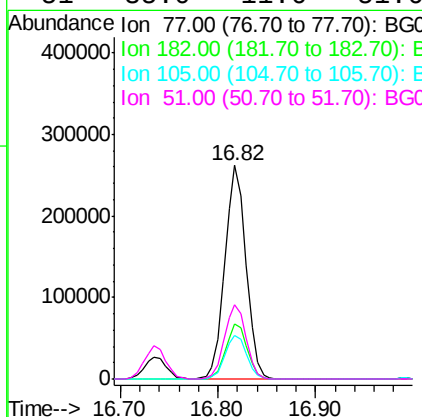
Manual Integrations
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Sohil
3/15/2018 7:00:15 PM



#62
Azobenzene
Concen: 44.142 ng
RT: 16.82 min Scan# 2303
Delta R.T. -0.00 min
Lab File: BG033163.D
Acq: 15 Mar 2018 3:15

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.8	7.4	47.4
105	20.6	0.3	40.3
51	35.0	11.6	51.6





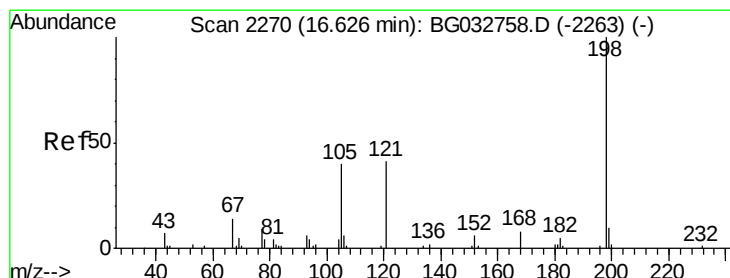
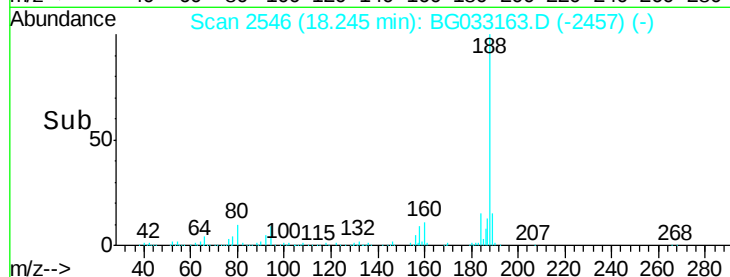
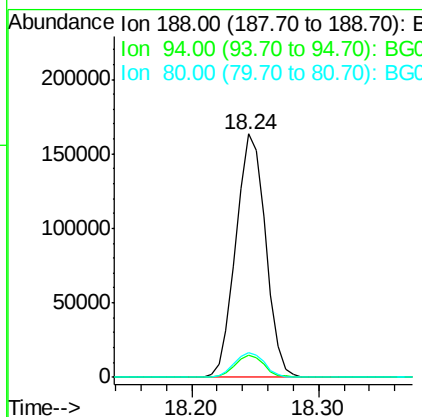
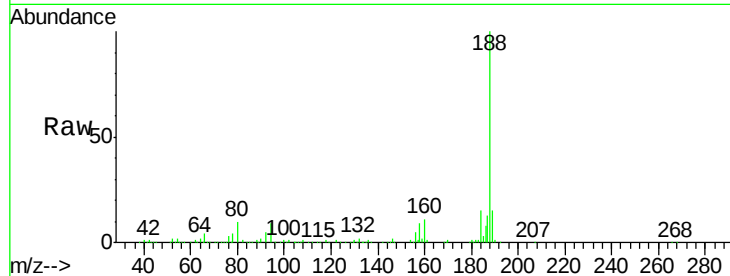
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.24 min Scan# 2546
Delta R.T. -0.00 min
Lab File: BG033163.D
Acq: 15 Mar 2018 3:15

Instrument :
BNA_G
ClientSampleId :
BU-02-031318MS

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	9.0	6.9	10.3
80	10.3	7.7	11.5

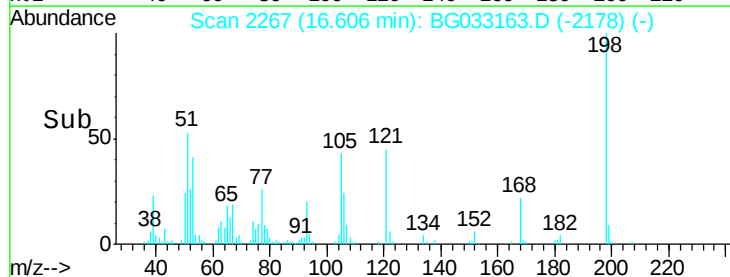
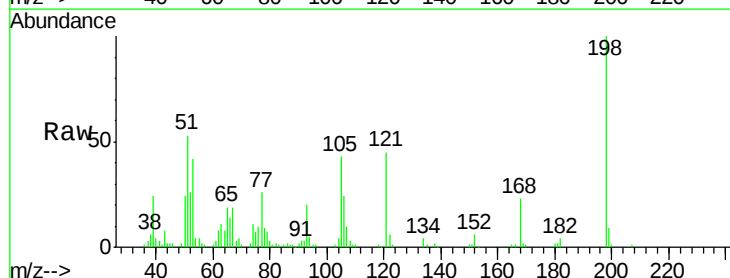
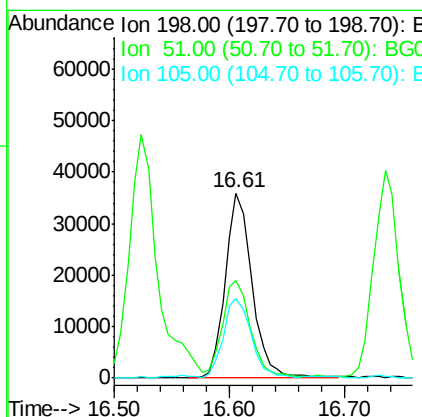
Manual Integrations
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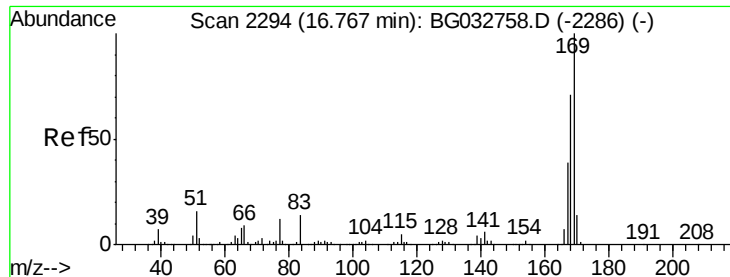
Sohil
3/15/2018 7:00:15 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 65.492 ng
RT: 16.61 min Scan# 2267
Delta R.T. -0.00 min
Lab File: BG033163.D
Acq: 15 Mar 2018 3:15

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	53.1	30.6	70.6
105	43.3	23.8	63.8





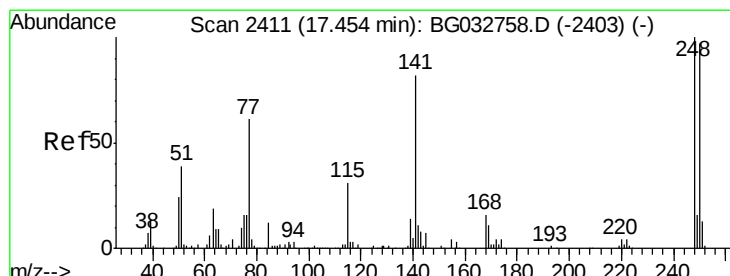
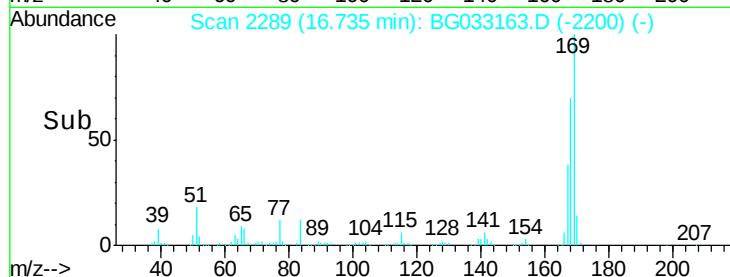
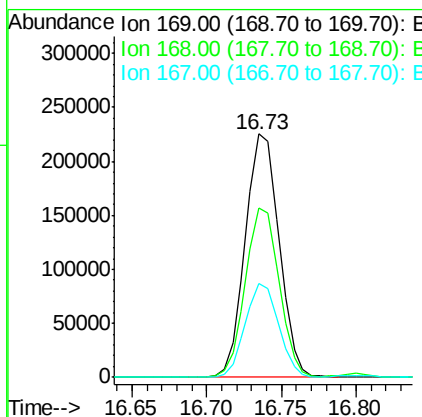
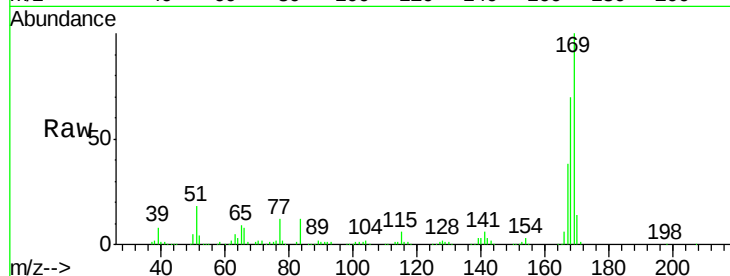
#65
n-Nitrosodiphenylamine
Concen: 41.083 ng
RT: 16.73 min Scan# 2289
Delta R.T. -0.00 min
Lab File: BG033163.D
Acq: 15 Mar 2018 3:15

Instrument :
BNA_G
ClientSampleId :
BU-02-031318MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
169	100				
168	69.6	55.7	83.5		
167	38.4	30.1	45.1		

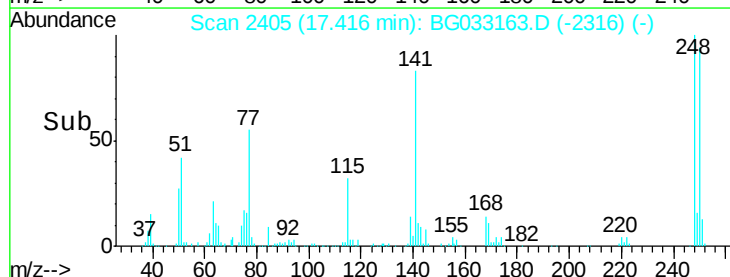
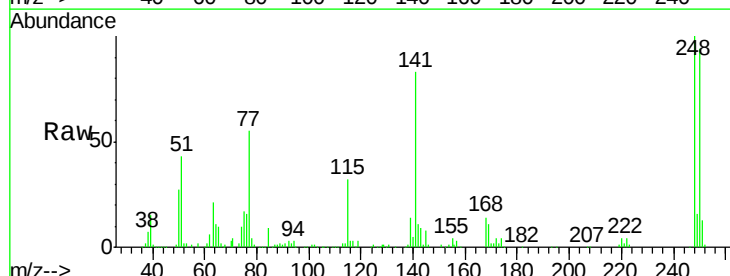
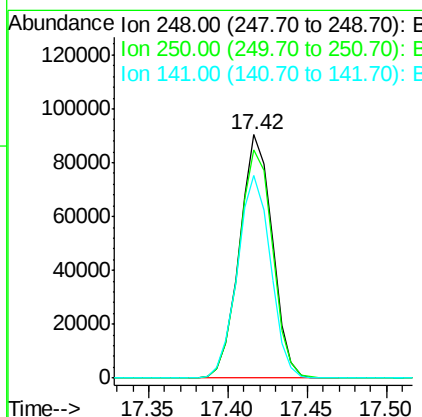
Manual Integrations
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#66
4-Bromophenyl-phenylether
Concen: 46.421 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.00 min
Lab File: BG033163.D
Acq: 15 Mar 2018 3:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
248	100				
250	93.7	77.1	115.7		
141	83.3	50.8	76.2		





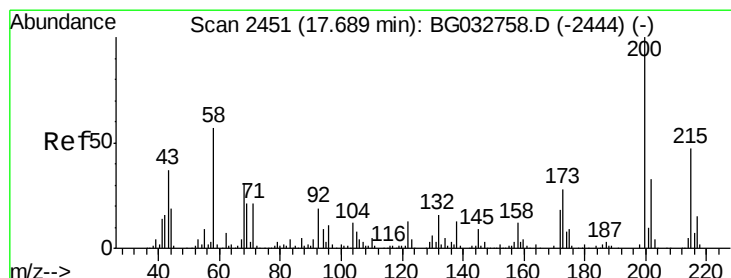
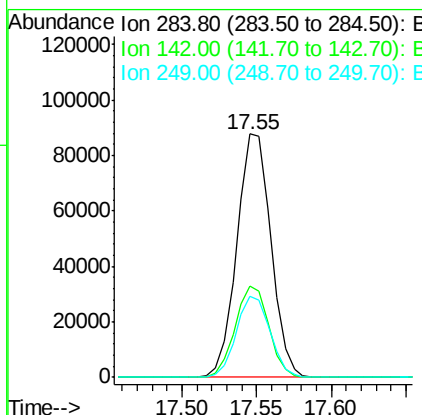
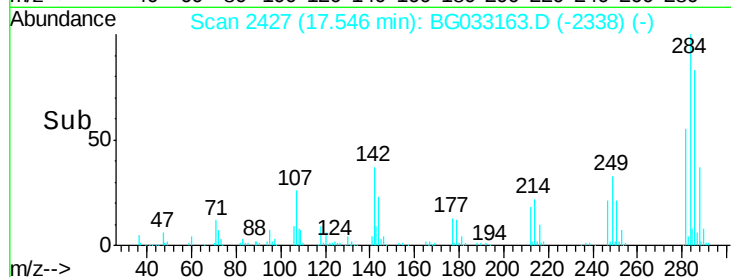
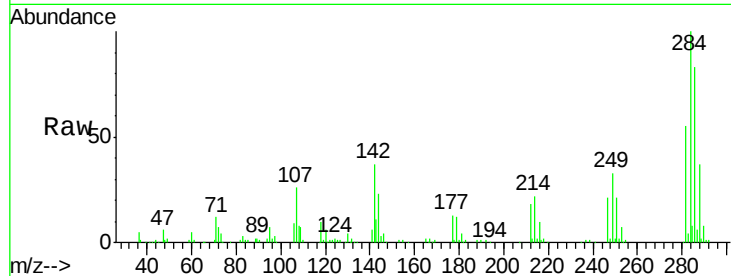
#67
Hexachlorobenzene
Concen: 45.871 ng
RT: 17.55 min Scan# 2427
Delta R.T. -0.00 min
Lab File: BG033163.D
Acq: 15 Mar 2018 3:15

Instrument :
BNA_G
ClientSampleId :
BU-02-031318MS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	37.4	26.8	40.2	
249	33.5	26.3	39.5	

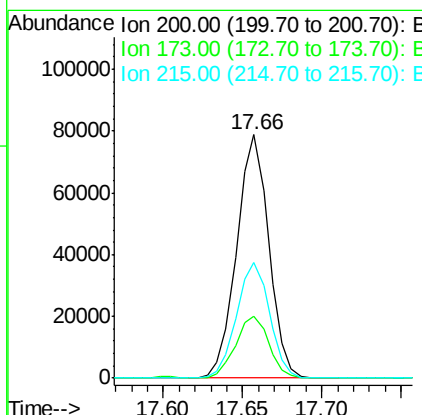
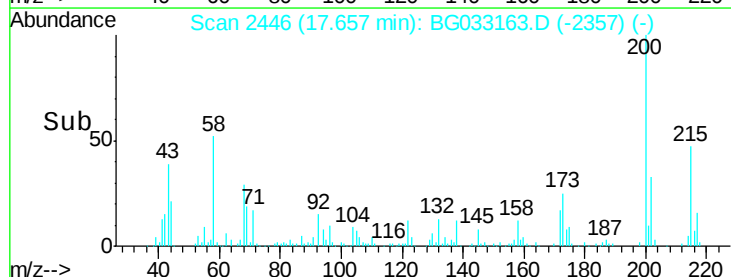
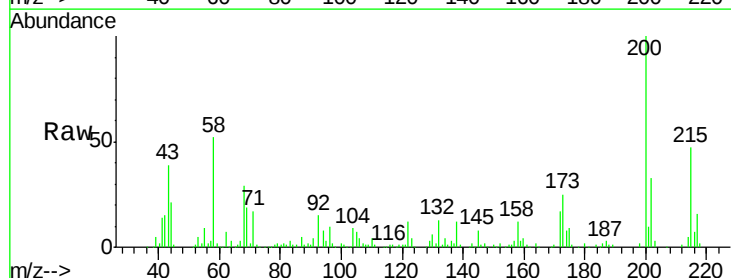
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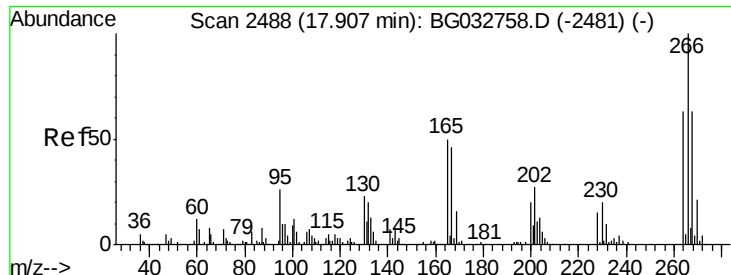
Sohil
3/15/2018 7:00:15 PM



#68
Atrazine
Concen: 38.978 ng
RT: 17.66 min Scan# 2446
Delta R.T. -0.00 min
Lab File: BG033163.D
Acq: 15 Mar 2018 3:15

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	25.3	5.2	45.2	
215	47.3	30.4	70.4	





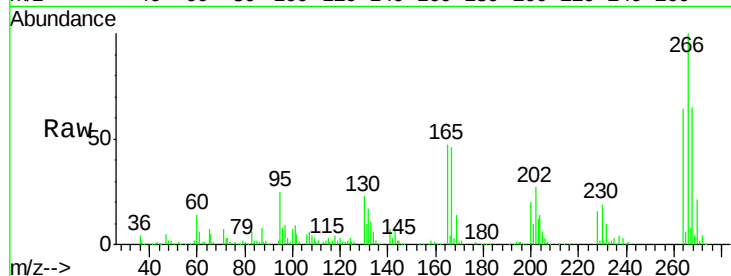
#69
 Pentachlorophenol
 Concen: 87.426 ng
 RT: 17.89 min Scan# 2485
 Delta R.T. 0.00 min
 Lab File: BG033163.D
 Acq: 15 Mar 2018 3:15

Instrument :
 BNA_G
 ClientSampleId :
 BU-02-031318MS

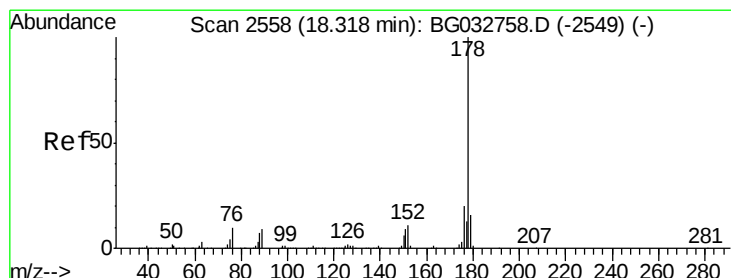
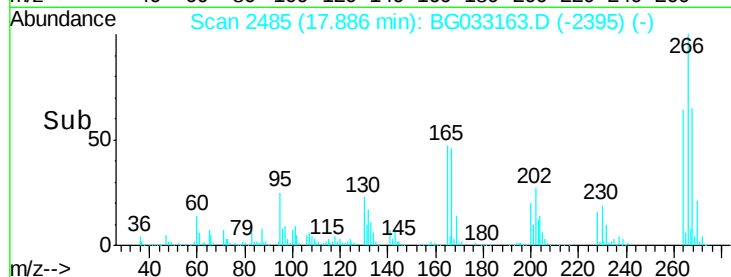
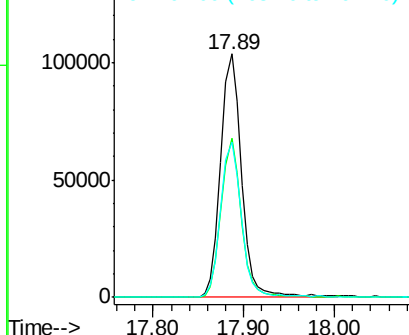
Tot Ion	Ratio	Lower	Upper
266	100		
268	65.4	51.1	76.7
264	63.8	49.6	74.4

Manual Integrations
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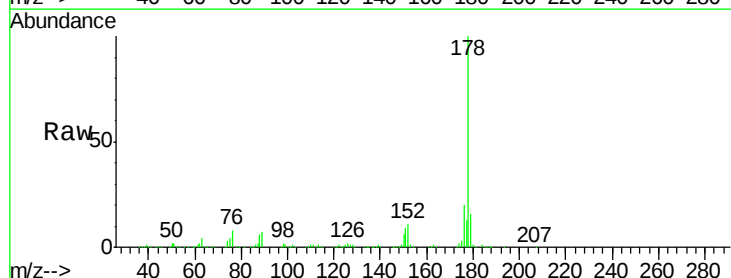


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

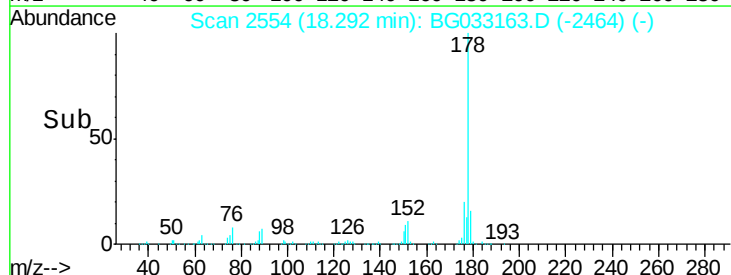
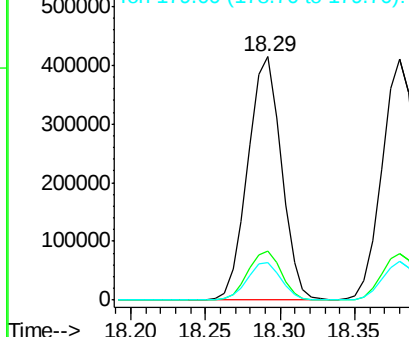


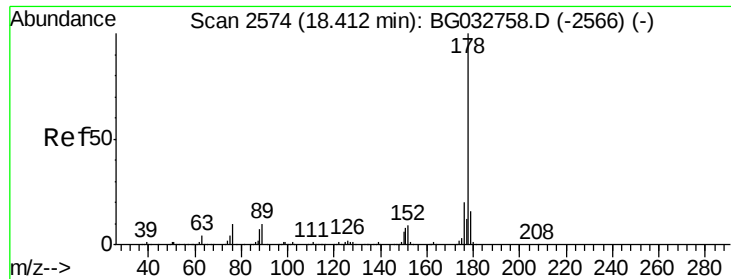
#70
 Phenanthrene
 Concen: 43.538 ng
 RT: 18.29 min Scan# 2554
 Delta R.T. 0.00 min
 Lab File: BG033163.D
 Acq: 15 Mar 2018 3:15

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.7	23.5
179	15.6	12.5	18.7



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





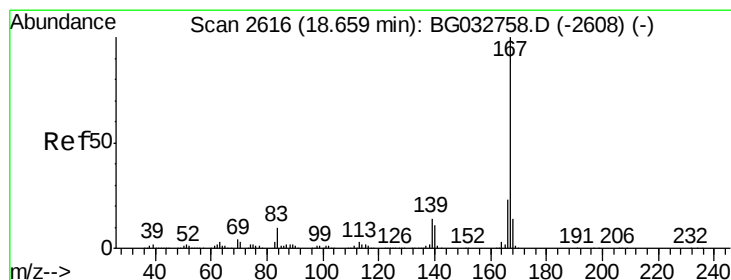
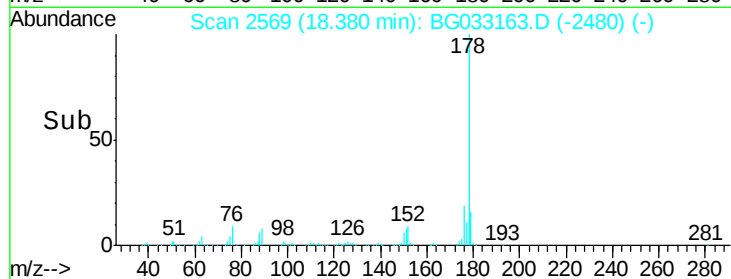
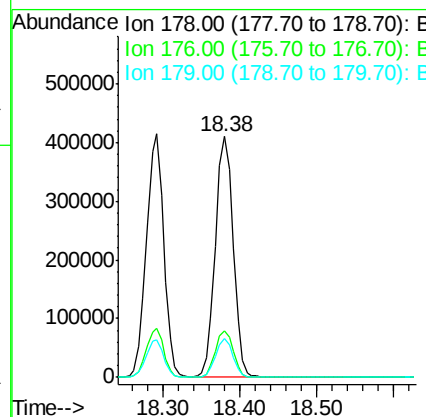
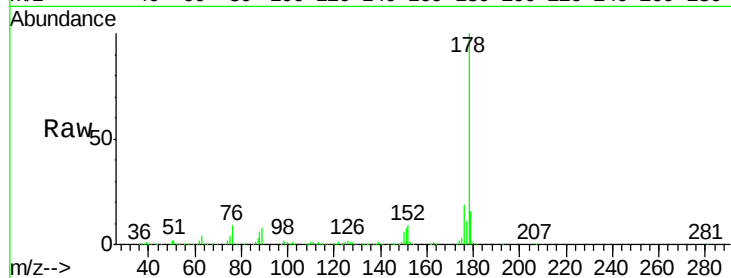
#71
 Anthracene
 Concen: 44.020 ng
 RT: 18.38 min Scan# 2569
 Delta R.T. -0.00 min
 Lab File: BG033163.D
 Acq: 15 Mar 2018 3:15

Instrument :
 BNA_G
 ClientSampleId :
 BU-02-031318MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.0	24.0
179	16.3	12.5	18.7

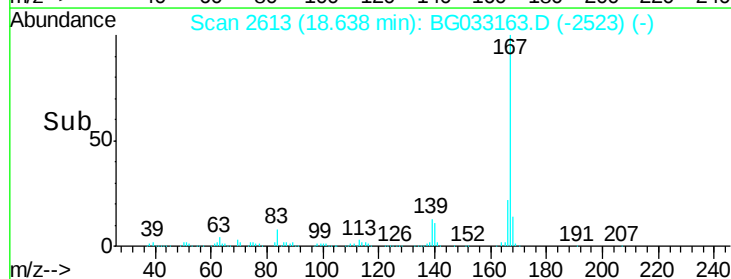
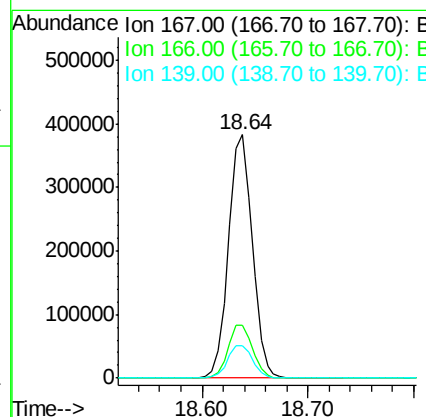
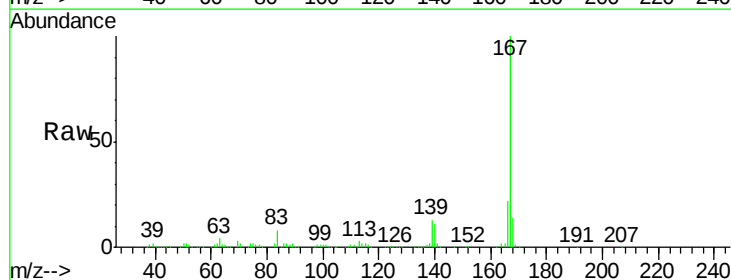
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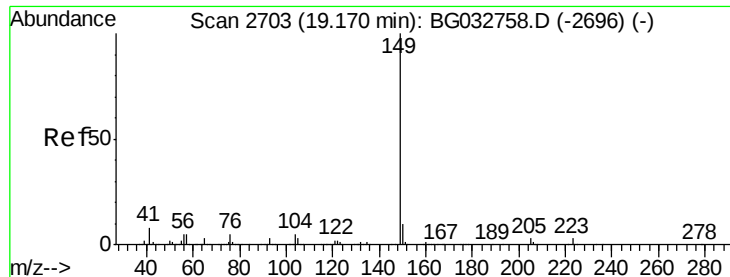
Sohil
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#72
 Carbazole
 Concen: 40.895 ng
 RT: 18.64 min Scan# 2613
 Delta R.T. 0.00 min
 Lab File: BG033163.D
 Acq: 15 Mar 2018 3:15

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.6	18.2	27.4
139	13.5	9.4	14.2





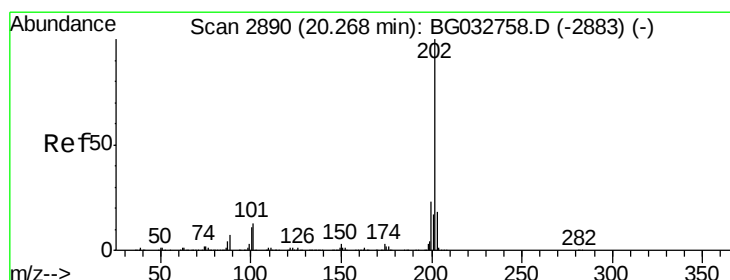
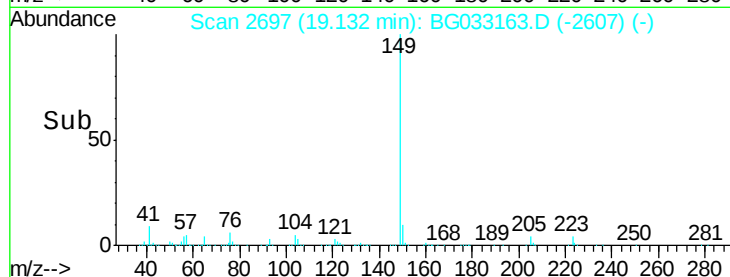
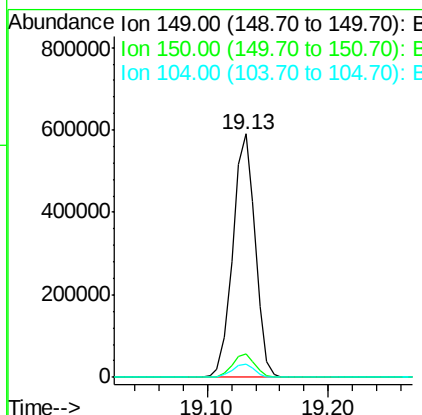
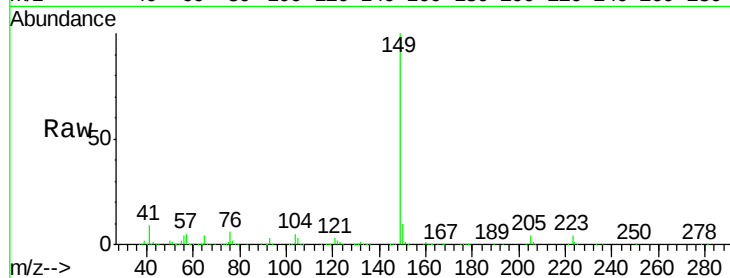
#73
Di-n-butylphthalate
Concen: 42.362 ng
RT: 19.13 min Scan# 2697
Delta R.T. 0.00 min
Lab File: BG033163.D
Acq: 15 Mar 2018 3:15

Instrument :
BNA_G
ClientSampleId :
BU-02-031318MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
149	100				
150	9.7		7.8	11.6	
104	5.4		3.9	5.9	

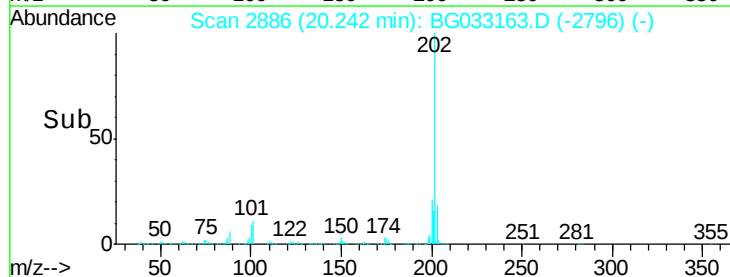
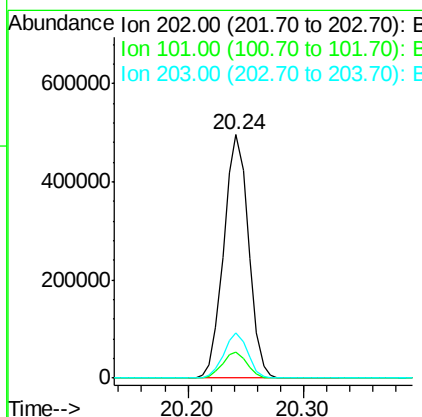
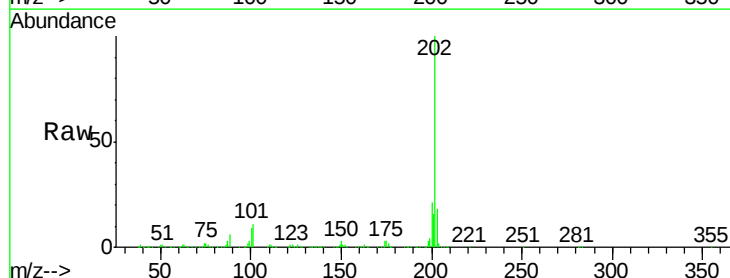
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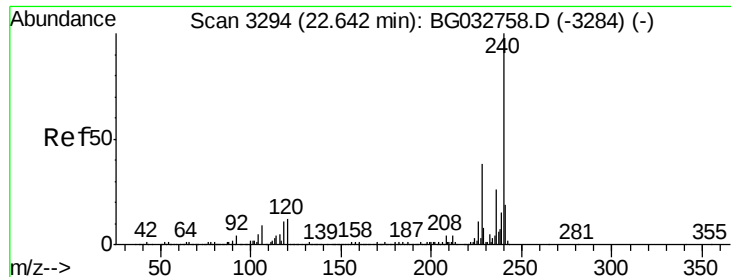
Sohil
3/15/2018 7:00:15 PM



#74
Fluoranthene
Concen: 44.923 ng
RT: 20.24 min Scan# 2886
Delta R.T. 0.00 min
Lab File: BG033163.D
Acq: 15 Mar 2018 3:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
101	10.9		0.0	28.9	
203	18.3		0.0	37.5	





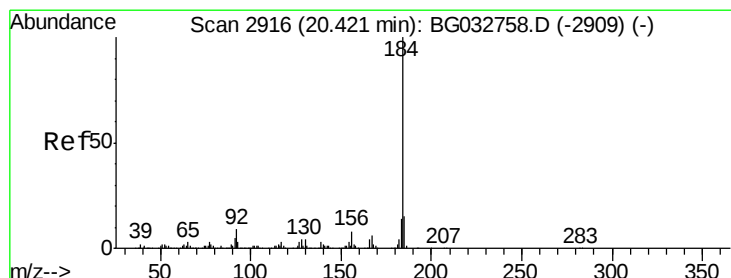
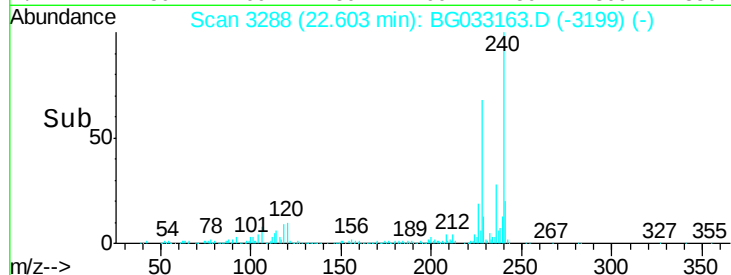
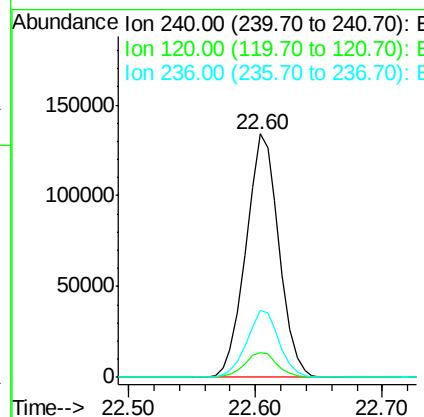
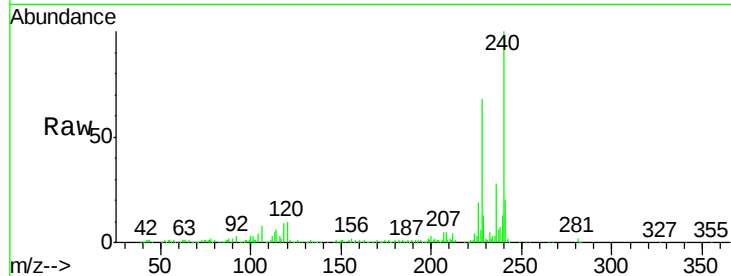
#75
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 22.60 min Scan# 3288
 Delta R.T. -0.00 min
 Lab File: BG033163.D
 Acq: 15 Mar 2018 3:15

Instrument :
 BNA_G
 ClientSampleId :
 BU-02-031318MS

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.0	6.8	10.2
236	27.5	20.9	31.3

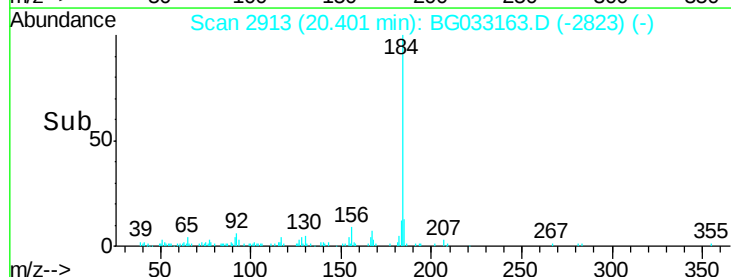
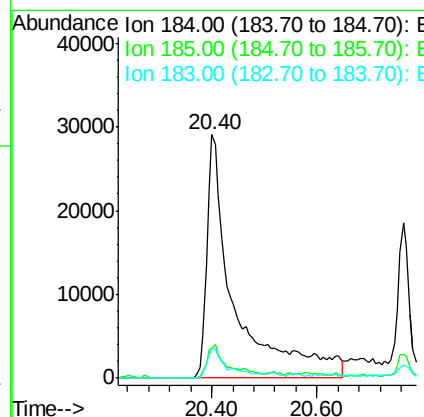
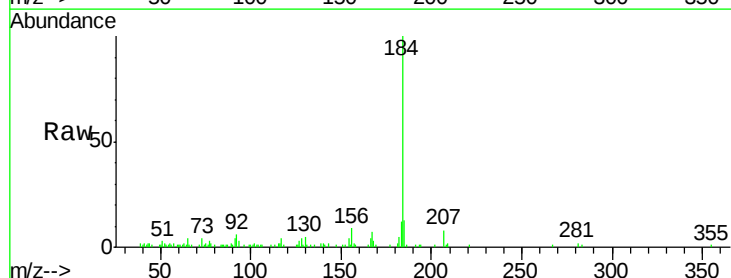
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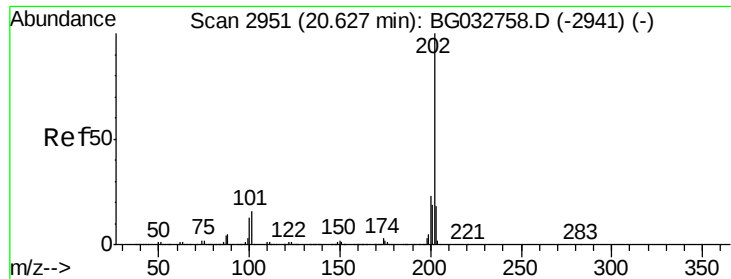
Sohil
 3/15/2018 7:00:15 PM



#76
 Benzidine
 Concen: 13.049 ng m
 RT: 20.40 min Scan# 2913
 Delta R.T. 0.00 min
 Lab File: BG033163.D
 Acq: 15 Mar 2018 3:15

Tgt Ion	Ratio	Lower	Upper
184	100		
185	12.5	11.1	16.7
183	12.1	10.6	16.0





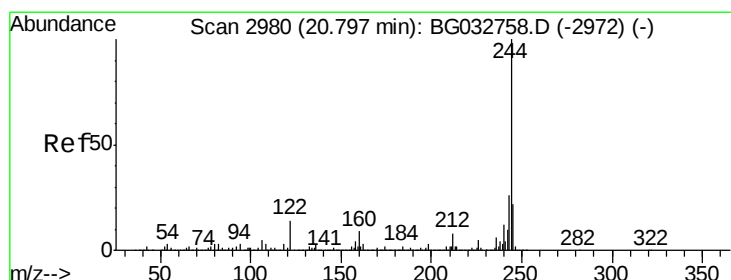
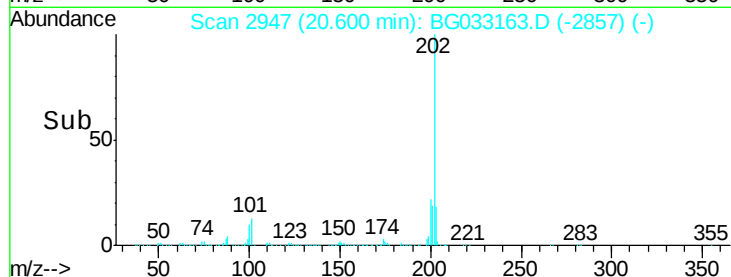
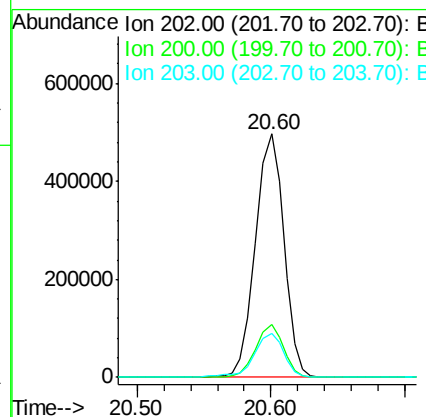
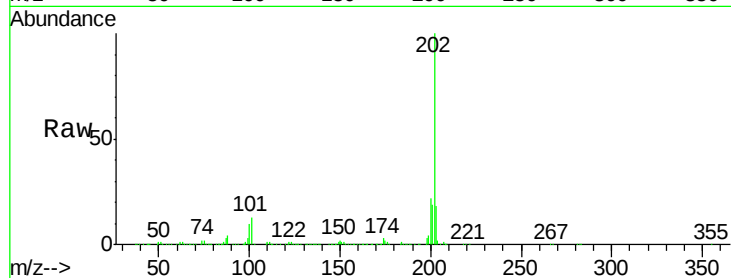
#77
Pvrene
Concen: 43.012 ng
RT: 20.60 min Scan# 2947
Delta R.T. 0.00 min
Lab File: BG033163.D
Acq: 15 Mar 2018 3:15

Instrument :
BNA_G
ClientSampleId :
BU-02-031318MS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.7	16.9	25.3
203	18.2	13.9	20.9

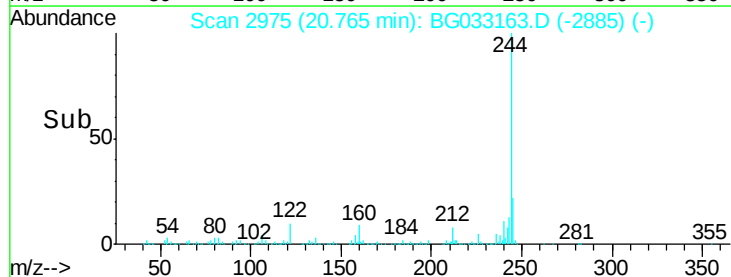
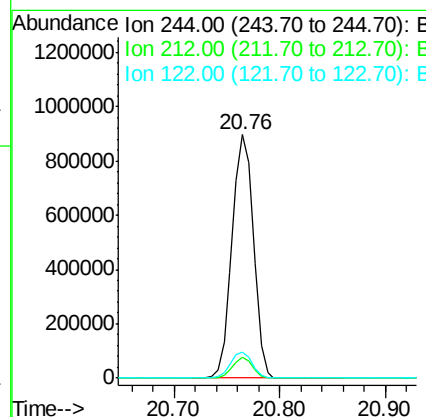
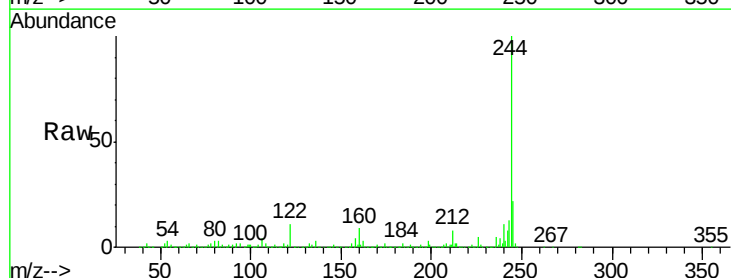
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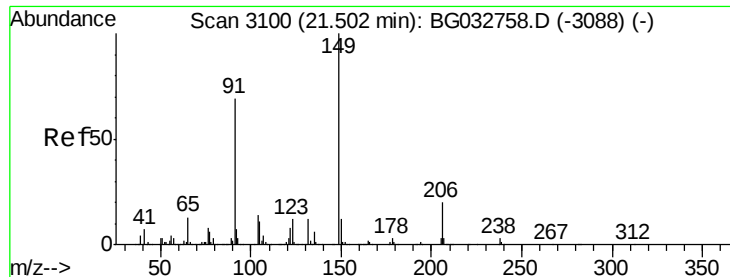
Sohil
3/15/2018 7:00:15 PM



#78
Terphenyl-d14
Concen: 116.729 ng
RT: 20.76 min Scan# 2975
Delta R.T. 0.00 min
Lab File: BG033163.D
Acq: 15 Mar 2018 3:15

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.3	5.8	8.8
122	10.9	7.0	10.4





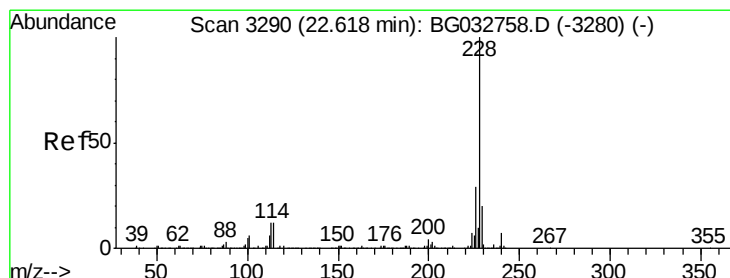
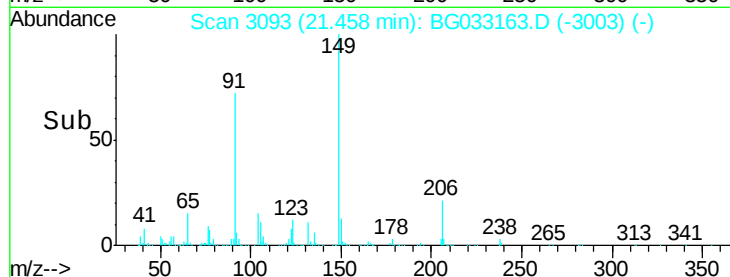
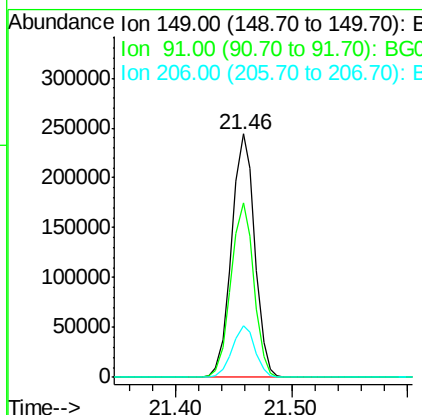
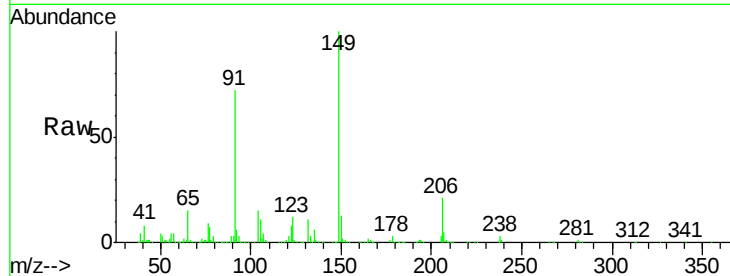
#79
Butylbenzylphthalate
Concen: 44.846 ng
RT: 21.46 min Scan# 3093
Delta R.T. 0.00 min
Lab File: BG033163.D
Acq: 15 Mar 2018 3:15

Instrument :
BNA_G
ClientSampleId :
BU-02-031318MS

Tot Ion	Ratio	Lower	Upper
149	100		
91	71.9	62.2	93.2
206	21.2	18.6	27.8

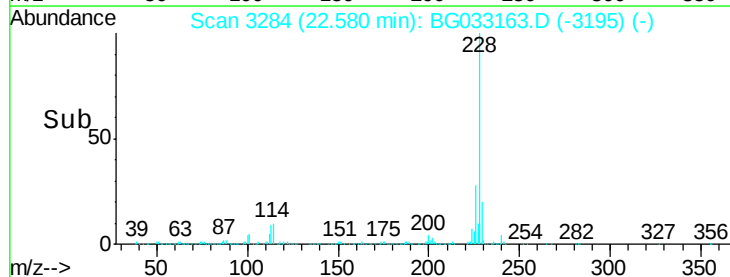
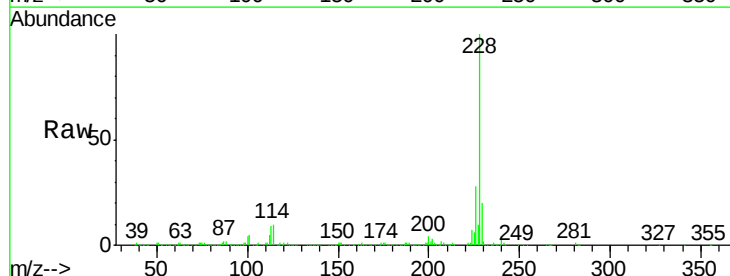
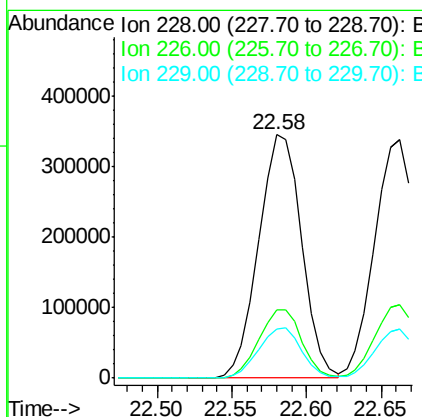
Manual Integrations
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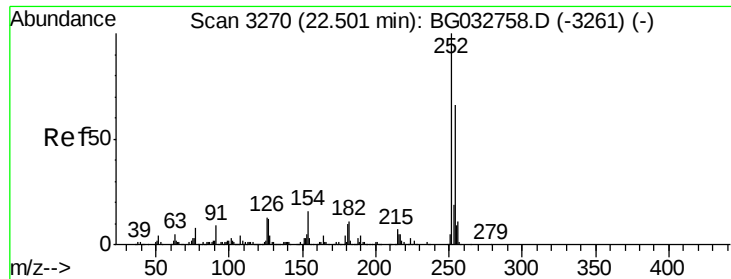
Sohil
3/15/2018 7:00:15 PM



#80
Benzo(a)anthracene
Concen: 44.624 ng
RT: 22.58 min Scan# 3284
Delta R.T. -0.00 min
Lab File: BG033163.D
Acq: 15 Mar 2018 3:15

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.7	34.1
229	20.1	16.2	24.2





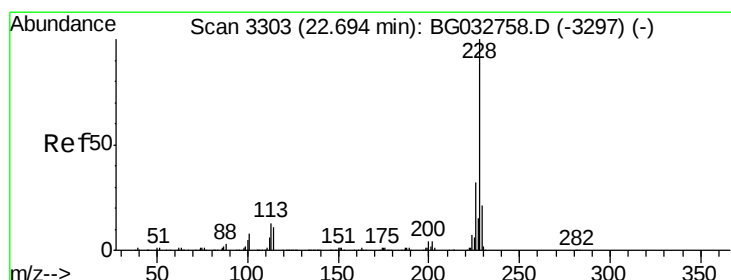
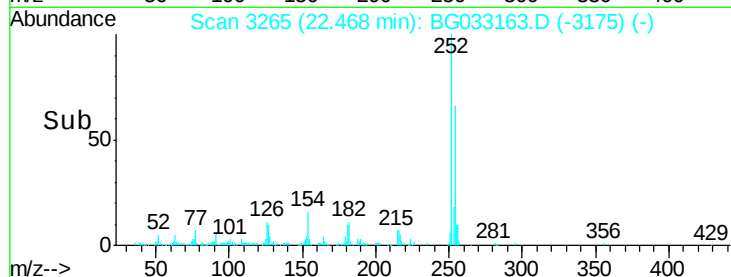
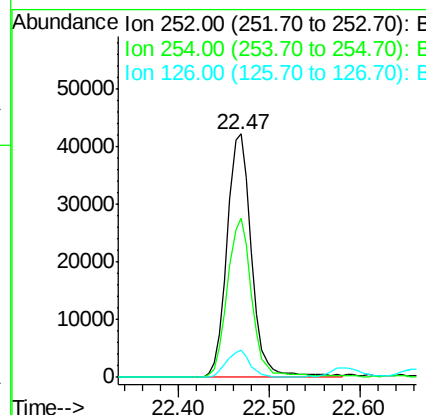
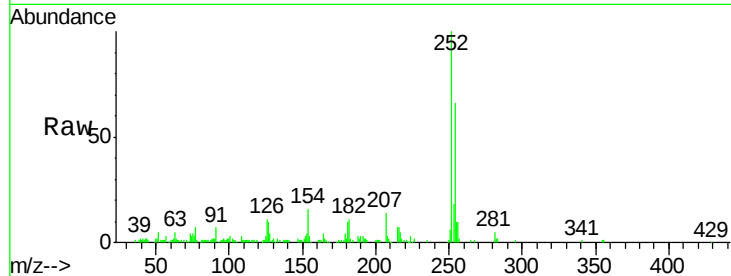
#81
 3,3'-Dichlorobenzidine
 Concen: 13.877 ng
 RT: 22.47 min Scan# 3265
 Delta R.T. 0.00 min
 Lab File: BG033163.D
 Acq: 15 Mar 2018 3:15

Instrument :
 BNA_G
 ClientSampleId :
 BU-02-031318MS

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.5	50.8	76.2
126	11.1	7.4	11.2

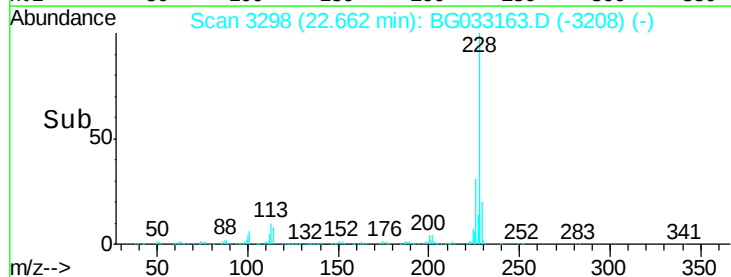
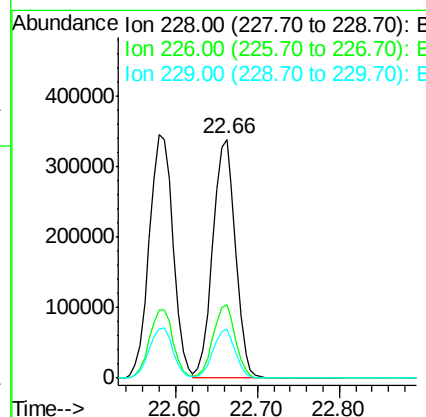
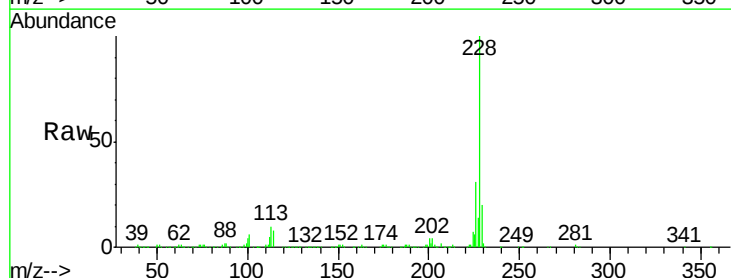
Manual Integrations
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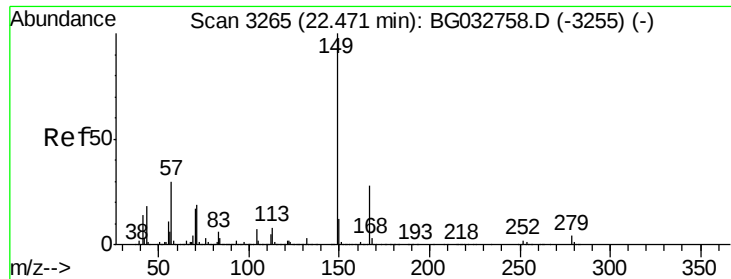
Sohil
 3/15/2018 7:00:15 PM



#82
 Chrysene
 Concen: 44.045 ng
 RT: 22.66 min Scan# 3298
 Delta R.T. 0.00 min
 Lab File: BG033163.D
 Acq: 15 Mar 2018 3:15

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.9	37.3
229	20.4	15.0	22.4





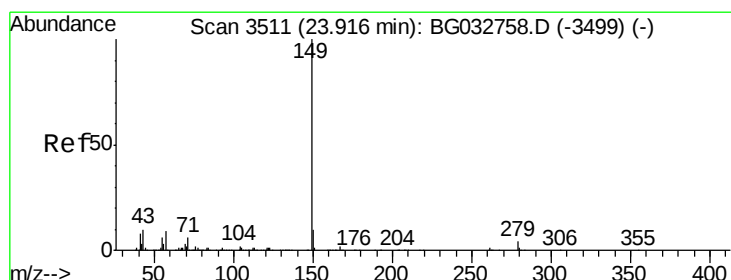
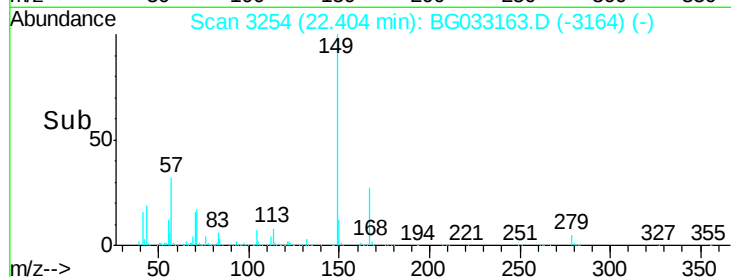
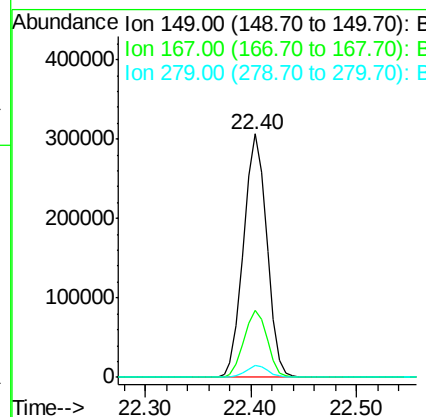
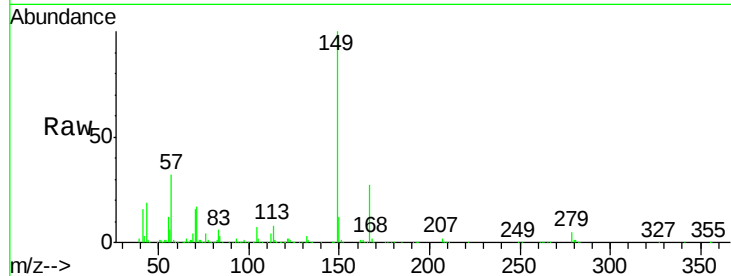
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.613 ng
 RT: 22.40 min Scan# 3254
 Delta R.T. 0.00 min
 Lab File: BG033163.D
 Acq: 15 Mar 2018 3:15

Instrument :
 BNA_G
 ClientSampleId :
 BU-02-031318MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.4	24.3	36.5
279	4.8	4.0	6.0

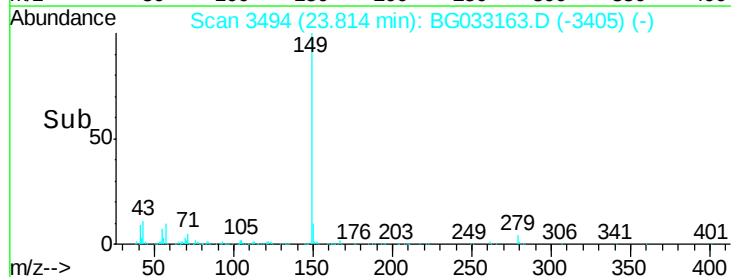
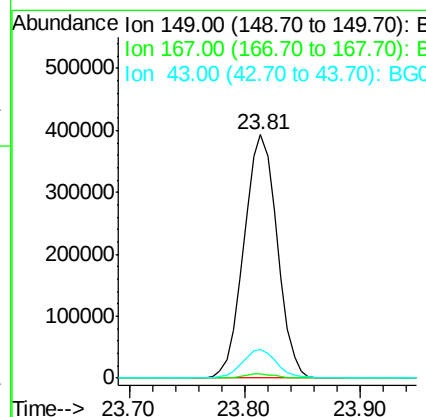
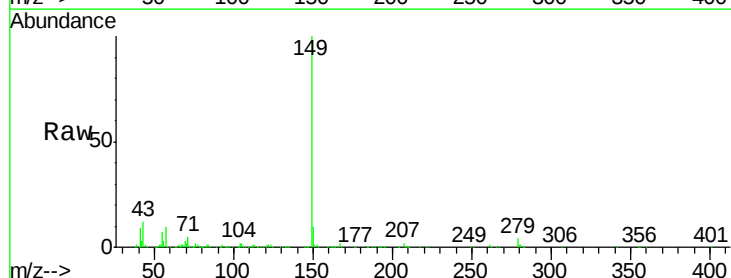
Manual Integrations
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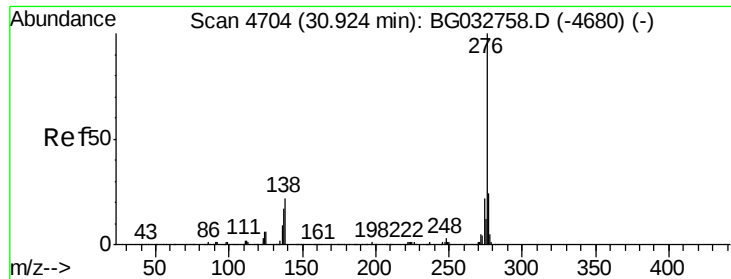
Sohil
 3/15/2018 7:00:15 PM



#84
 Di-n-octyl phthalate
 Concen: 45.956 ng
 RT: 23.81 min Scan# 3494
 Delta R.T. -0.00 min
 Lab File: BG033163.D
 Acq: 15 Mar 2018 3:15

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	11.5	8.9	13.3





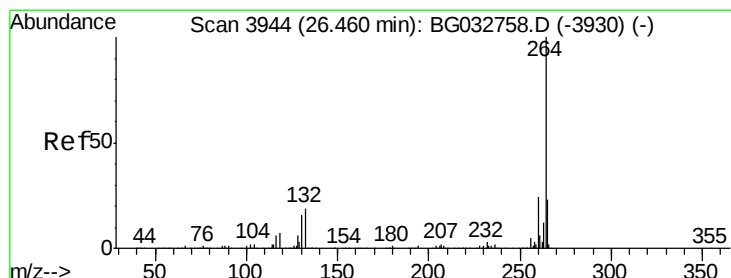
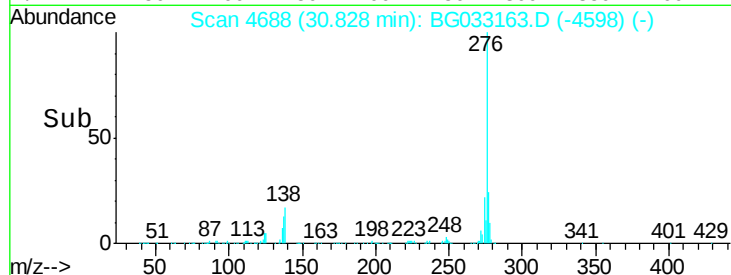
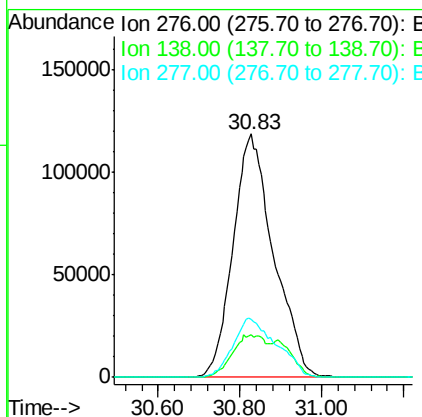
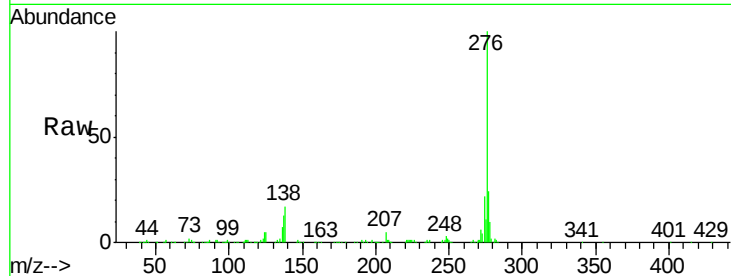
#85
Indeno(1,2,3-cd)pyrene
Concen: 47.210 ng
RT: 30.83 min Scan# 4688
Delta R.T. 0.00 min
Lab File: BG033163.D
Acq: 15 Mar 2018 3:15

Instrument :
BNA_G
ClientSampleId :
BU-02-031318MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	9.4	16.0	24.0#
277	26.0	20.0	30.0

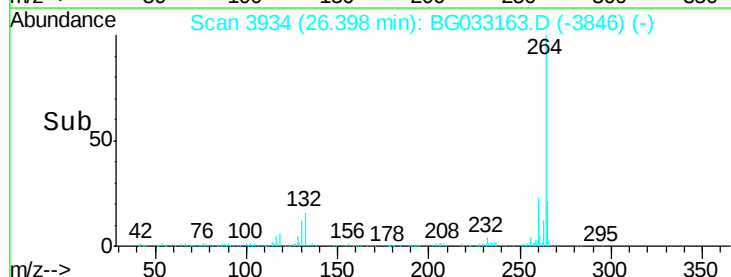
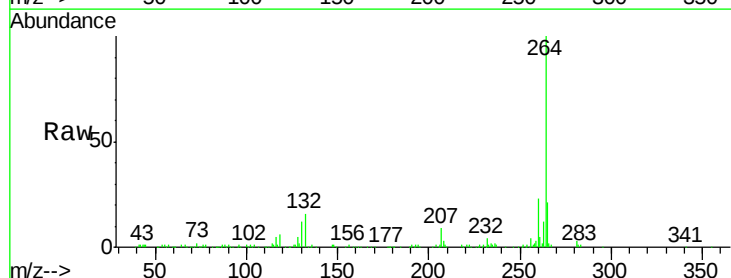
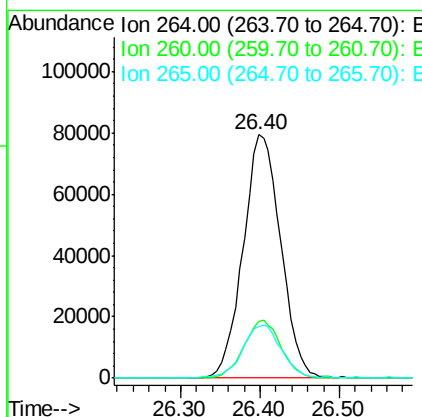
Manual Integrations
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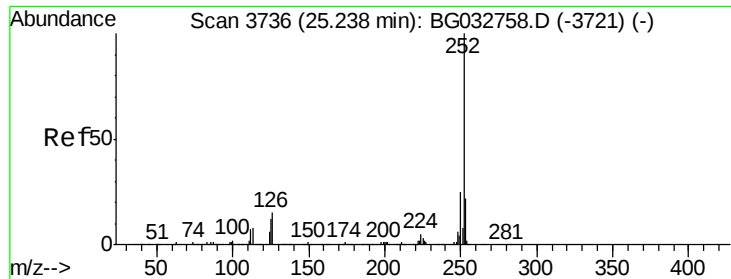
Sohil
3/15/2018 7:00:15 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 26.40 min Scan# 3934
Delta R.T. -0.01 min
Lab File: BG033163.D
Acq: 15 Mar 2018 3:15

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	17.4	26.0
265	21.4	17.7	26.5





#87

Benzo(b)fluoranthene

Concen: 45.286 ng

RT: 25.18 min Scan# 3727

Delta R.T. -0.00 min

Lab File: BG033163.D

Acq: 15 Mar 2018 3:15

Instrument :

BNA_G

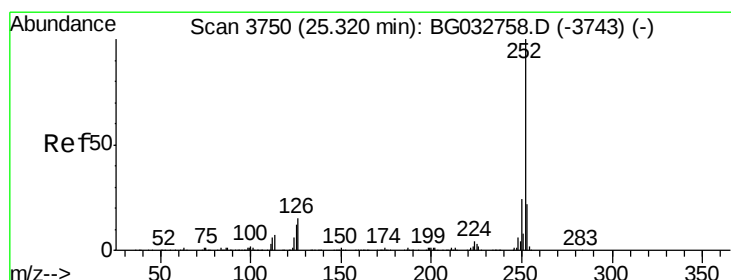
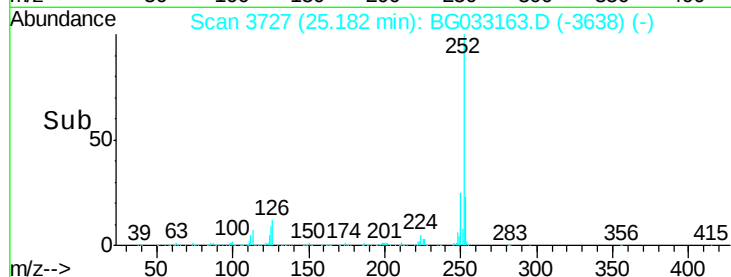
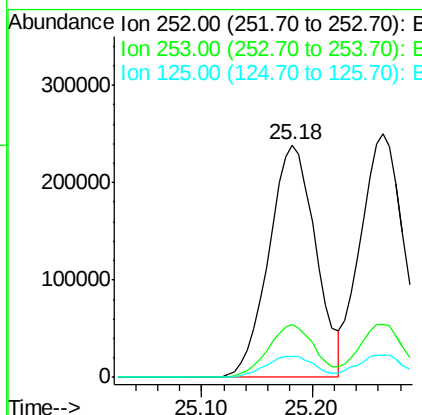
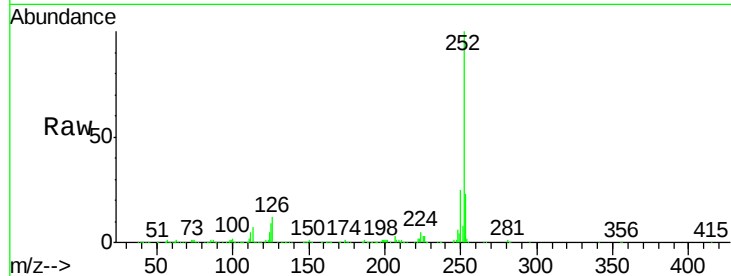
ClientSampleId :

BU-02-031318MS

Tot Ion:	252	Resp:	700773
Ion Ratio	Lower	Upper	
252	100		
253	22.5	18.2	27.4
125	9.2	7.2	10.8

Manual Integrations
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3/15/2018 7:00:15 PM



#88

Benzo(k)fluoranthene

Concen: 43.985 ng

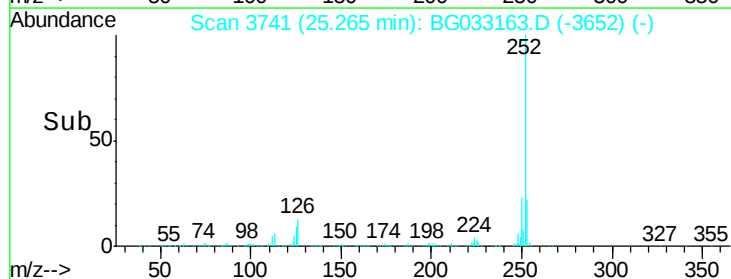
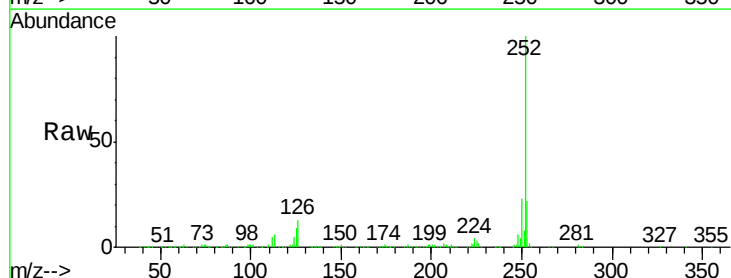
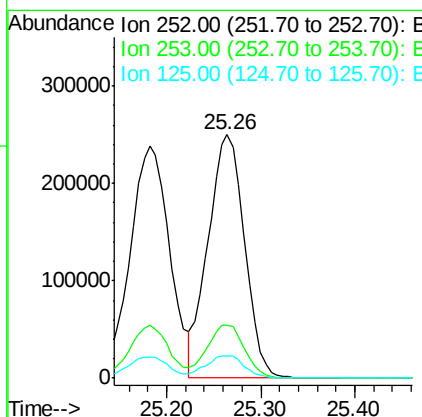
RT: 25.26 min Scan# 3741

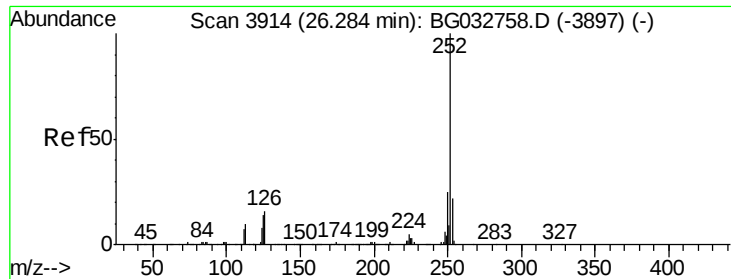
Delta R.T. -0.00 min

Lab File: BG033163.D

Acq: 15 Mar 2018 3:15

Tgt Ion:	252	Resp:	676442
Ion Ratio	Lower	Upper	
252	100		
253	21.5	17.4	26.2
125	9.3	6.6	9.8





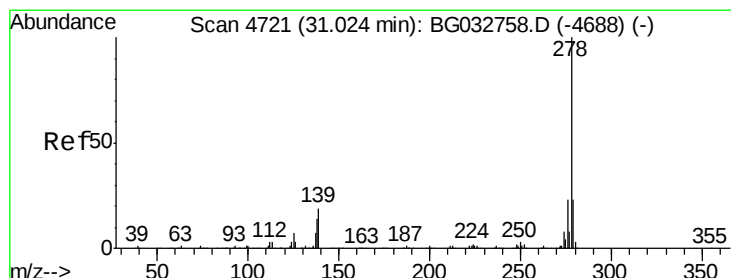
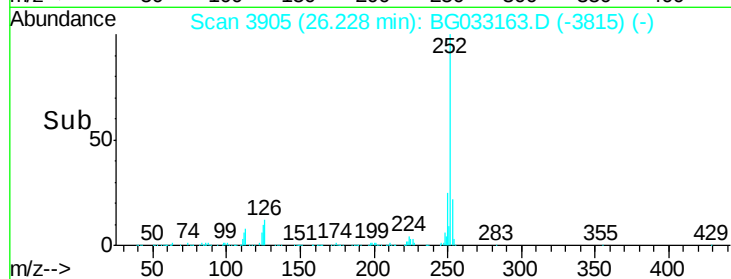
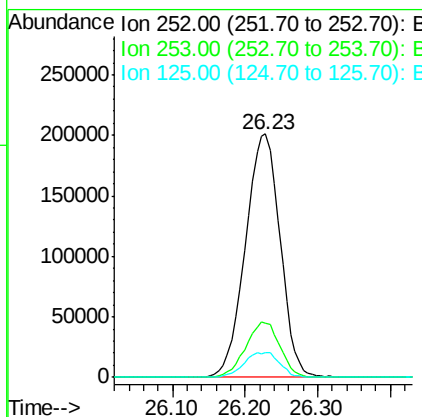
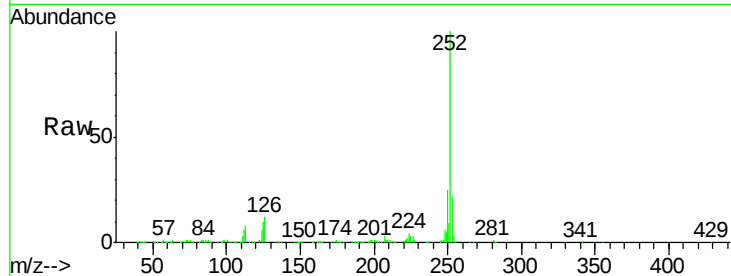
#89
Benzo(a)pyrene
Concen: 45.425 ng
RT: 26.23 min Scan# 3905
Delta R.T. 0.00 min
Lab File: BG033163.D
Acq: 15 Mar 2018 3:15

Instrument :
BNA_G
ClientSampleId :
BU-02-031318MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.3	27.5
125	10.3	7.3	10.9

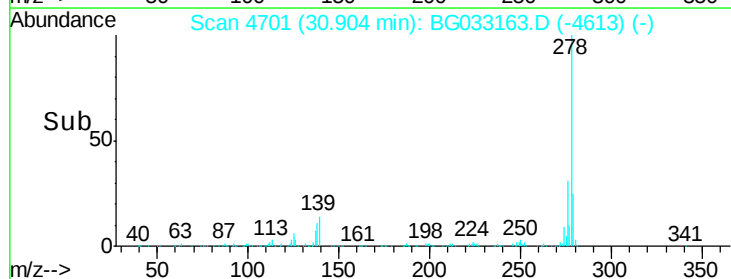
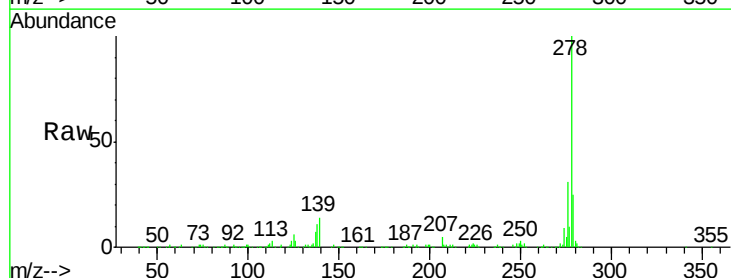
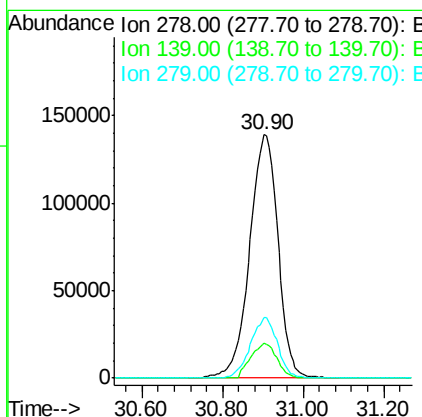
Manual Integrations
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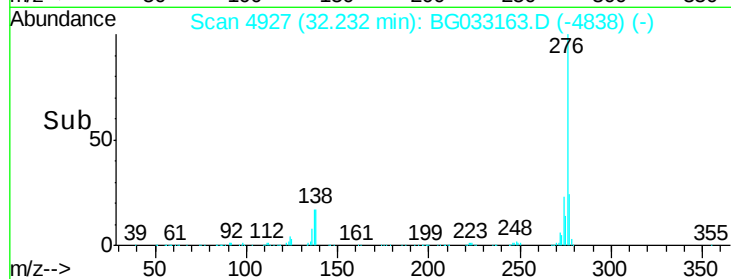
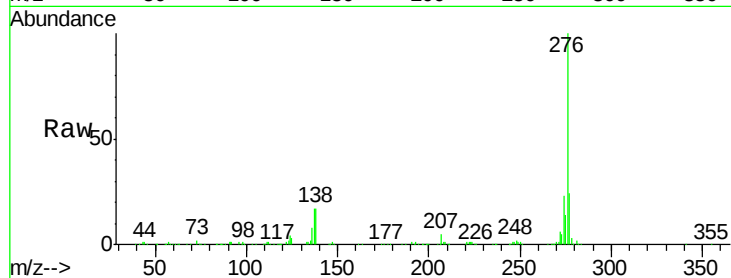
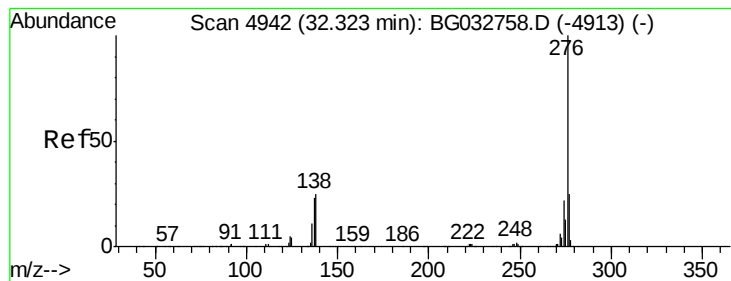
Sohil
3/15/2018 7:00:15 PM



#90
Dibenzo(a,h)anthracene
Concen: 45.995 ng
RT: 30.90 min Scan# 4701
Delta R.T. -0.01 min
Lab File: BG033163.D
Acq: 15 Mar 2018 3:15

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.5	9.8	14.6
279	24.8	18.4	27.6





#91

Benzo(a,h,i)perylene

Concen: 46.200 ng

RT: 32.23 min Scan# 4927

Delta R.T. -0.00 min

Lab File: BG033163.D

Acq: 15 Mar 2018 3:15

Instrument :

BNA_G

ClientSampleId :

BU-02-031318MS

Tot Ion:	276	Resp:	674716
Ion Ratio	Lower	Upper	
276	100		
277	23.8	18.3	27.5
138	17.2	13.9	20.9

Manual Integrations
APPROVED

Sohil
3/15/2018 7:00:15 PM

