

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041018\
 Data File : BG033714.D
 Acq On : 10 Apr 2018 15:30
 Operator : SJ/JU
 Sample : J2227-01MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-1MSD

Manual Integrations
 APPROVED

Sohil
 4/11/2018 5:18:22 PM

Quant Time: Apr 10 17:20:53 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 10 16:51:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	33657	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	148219	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	110468	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	301181	20.00	ng	0.00
75) Chrysene-d12	22.55	240	313248	20.00	ng	0.00
86) Perylene-d12	26.31	264	347859	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.28	112	318474	177.43	ng	0.00
7) Phenol-d6	7.97	99	491550	159.38	ng	0.00
23) Nitrobenzene-d5	10.06	82	307768	95.40	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	238816	144.55	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	680192	88.89	ng	0.00
78) Terphenyl-d14	20.73	244	1318713	90.03	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.92	88	38224	41.934	ng	98
3) Pyridine	4.39	79	94599	37.542	ng	96
4) n-Nitrosodimethylamine	4.29	42	59464	57.505	ng	# 79
6) Aniline	8.15	93	73520	20.271	ng	96
8) 2-Chlorophenol	8.40	128	113567	55.345	ng	98
9) Benzaldehyde	7.96	77	45155m	23.039	ng	
10) Phenol	8.00	94	179002	58.787	ng	93
11) bis(2-Chloroethyl)ether	8.24	93	118796	47.798	ng	96
12) 1,3-Dichlorobenzene	8.74	146	119960	44.715	ng	# 94
13) 1,4-Dichlorobenzene	8.89	146	114677	42.683	ng	98
14) 1,2-Dichlorobenzene	9.22	146	117999	44.999	ng	90
15) Benzyl Alcohol	9.09	79	120253	49.524	ng	94
16) 2,2'-oxybis(1-Chloropropan	9.37	45	200148	49.399	ng	90
17) 2-Methylphenol	9.29	107	100418	48.411	ng	# 90
18) Hexachloroethane	9.97	117	47747	46.045	ng	96
19) n-Nitroso-di-n-propylamine	9.66	70	106650	47.193	ng	97
20) 3+4-Methylphenols	9.63	107	148830	50.393	ng	95
22) Acetophenone	9.70	105	182791	45.015	ng	# 94
24) Nitrobenzene	10.10	77	155942	45.160	ng	94
25) Isophorone	10.62	82	307358	49.088	ng	99
26) 2-Nitrophenol	10.83	139	64469	49.314	ng	# 85
27) 2,4-Dimethylphenol	10.86	122	114077	60.068	ng	95
28) bis(2-Chloroethoxy)methane	11.10	93	147995	47.372	ng	99
29) 2,4-Dichlorophenol	11.37	162	118784	50.859	ng	93
30) 1,2,4-Trichlorobenzene	11.59	180	126951	41.836	ng	97
31) Naphthalene	11.79	128	345379	44.967	ng	99
33) 4-Chloroaniline	11.89	127	55982	16.268	ng	# 88
34) Hexachlorobutadiene	12.05	225	93978	40.954	ng	97
35) Caprolactam	12.62	113	41813	45.698	ng	98
36) 4-Chloro-3-methylphenol	12.95	107	151725	49.808	ng	97
37) 2-Methylnaphthalene	13.34	142	260504	43.697	ng	95
39) 1,2,4,5-Tetrachlorobenzene	13.69	216	169909	42.462	ng	98
40) Hexachlorocyclopentadiene	13.66	237	190320	81.134	ng	92
42) 2,4,6-Trichlorophenol	13.93	196	110101	47.358	ng	93

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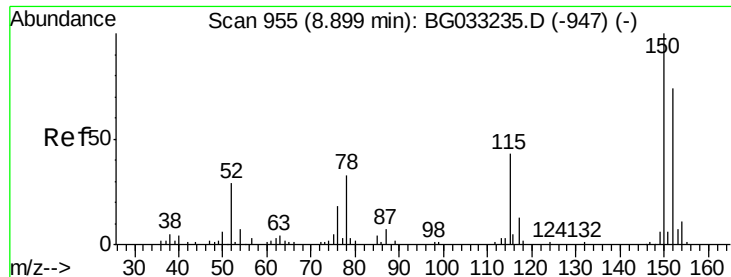
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	14.00	196	130037	47.321	nq	97
45) 1,1'-Biphenyl	14.32	154	372077	43.841	nq	98
46) 2-Chloronaphthalene	14.37	162	282960	43.240	nq	97
47) 2-Nitroaniline	14.56	65	128583	52.460	nq	92
48) Acenaphthylene	15.21	152	481875	44.116	nq	99
49) Dimethylphthalate	14.90	163	504775	52.506	nq	98
50) 2,6-Dinitrotoluene	15.03	165	94619	48.134	nq	94
51) Acenaphthene	15.54	154	292176	41.494	nq	97
52) 3-Nitroaniline	15.37	138	54109	26.255	nq #	96
53) 2,4-Dinitrophenol	15.58	184	11166	17.564	nq	86
54) Dibenzofuran	15.87	168	484335	46.566	nq	92
55) 4-Nitrophenol	15.66	139	153010	105.586	nq #	80
56) 2,4-Dinitrotoluene	15.81	165	141669	48.947	nq	92
57) Fluorene	16.51	166	399137	45.045	nq	99
58) 2,3,4,6-Tetrachlorophenol	16.08	232	131853	50.968	nq	96
59) Diethylphthalate	16.24	149	436961	46.808	nq	97
60) 4-Chlorophenyl-phenylether	16.48	204	224368	44.048	nq	96
61) 4-Nitroaniline	16.53	138	98094	47.003	nq #	84
62) Azobenzene	16.78	77	426141	47.124	nq	98
64) 4,6-Dinitro-2-methylphenol	16.57	198	65002	36.077	nq	97
65) n-Nitrosodiphenylamine	16.70	169	376772	43.819	nq	98
66) 4-Bromophenyl-phenylether	17.38	248	146419	41.395	nq	93
67) Hexachlorobenzene	17.51	284	156189	41.841	nq	96
68) Atrazine	17.62	200	172960	49.641	nq	95
69) Pentachlorophenol	17.85	266	186353	72.734	nq	98
70) Phenanthrene	18.25	178	697565	44.472	nq	98
71) Anthracene	18.34	178	732355	46.112	nq	100
72) Carbazole	18.60	167	662528	47.076	nq	98
73) Di-n-butylphthalate	19.09	149	787299	48.061	nq #	98
74) Fluoranthene	20.20	202	912031	46.986	nq	97
76) Benzidine	20.36	184	218056	25.669	nq	98
77) Pyrene	20.56	202	920233	44.047	nq	99
79) Butylbenzylphthalate	21.41	149	367184	47.627	nq	96
80) Benzo(a)anthracene	22.53	228	909049	45.575	nq	99
81) 3,3'-Dichlorobenzidine	22.42	252	174568	24.594	nq	98
82) Chrysene	22.61	228	844954	43.762	nq	97
83) Bis(2-ethylhexyl)phthalate	22.35	149	511598	48.138	nq	99
84) Di-n-octyl phthalate	23.74	149	886083	54.454	nq	100
85) Indeno(1,2,3-cd)pyrene	30.68	276	1028772	49.281	nq #	87
87) Benzo(b)fluoranthene	25.10	252	878174	43.696	nq #	97
88) Benzo(k)fluoranthene	25.19	252	915630	45.047	nq #	98
89) Benzo(a)pyrene	26.13	252	893616	46.301	nq #	95
90) Dibenzo(a,h)anthracene	30.76	278	869310	47.817	nq #	96
91) Benzo(g,h,i)perylene	32.07	276	857439	47.629	nq #	95

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



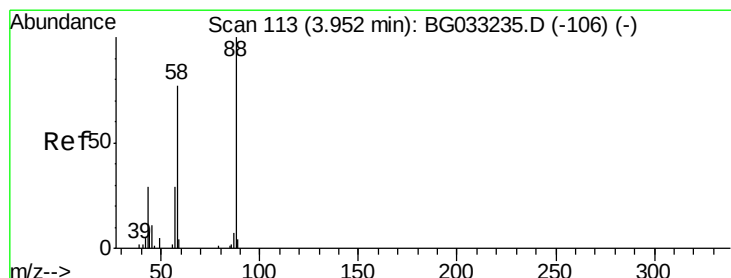
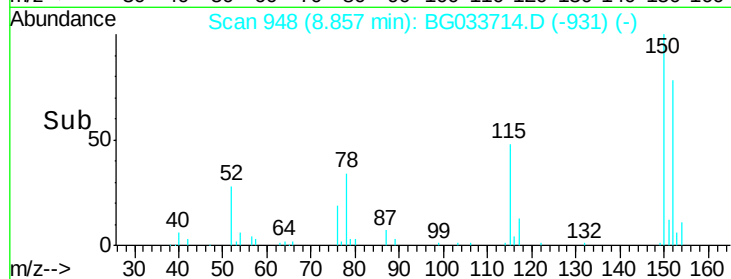
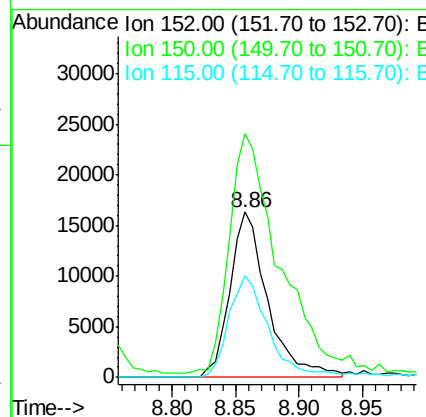
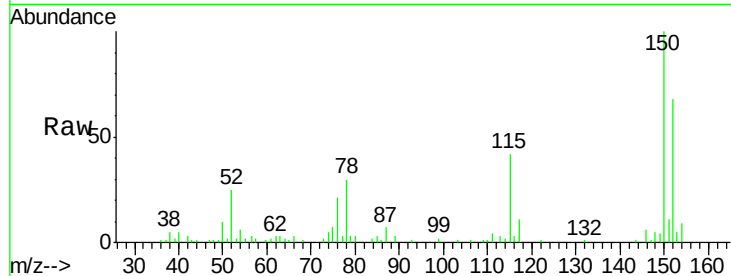
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.86 min Scan# 948
 Delta R.T. -0.00 min
 Lab File: BG033714.D
 Acq: 10 Apr 2018 15:30

Instrument :
 BNA_G
 ClientSampleId :
 SB-1MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.2	126.6	189.8
115	61.5	53.0	79.4

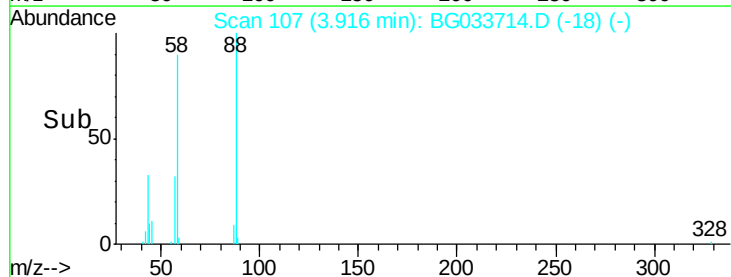
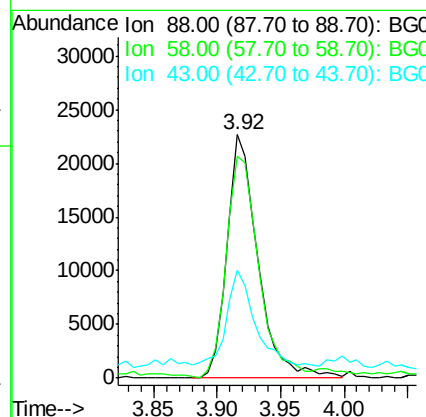
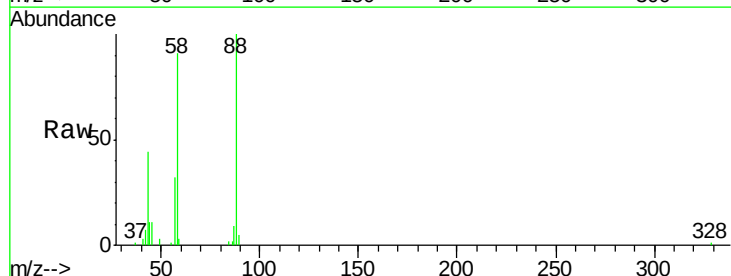
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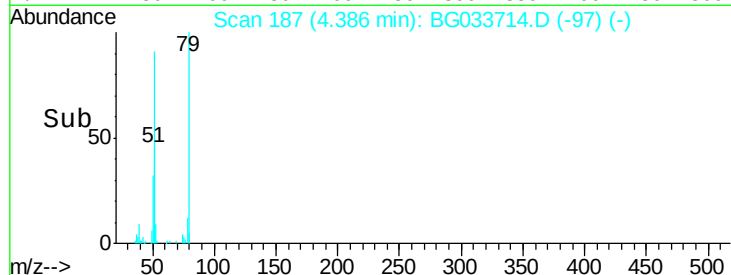
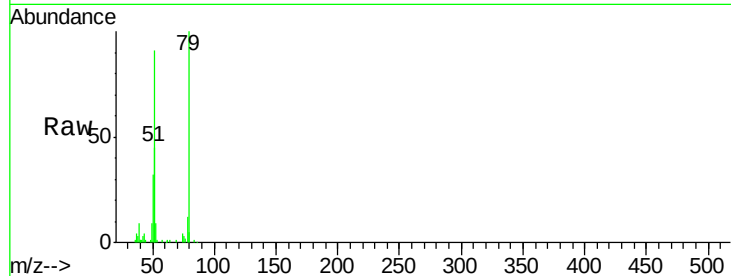
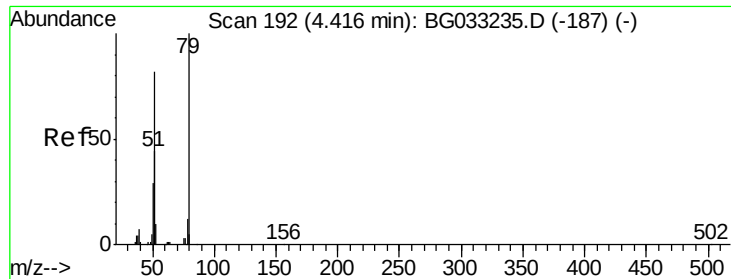
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#2
 1,4-Dioxane
 Concen: 41.934 ng
 RT: 3.92 min Scan# 107
 Delta R.T. -0.01 min
 Lab File: BG033714.D
 Acq: 10 Apr 2018 15:30

Tgt Ion	Ratio	Lower	Upper
88	100		
58	96.9	79.6	119.4
43	35.1	27.4	41.0





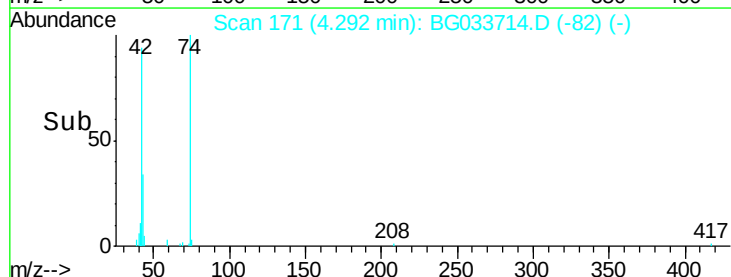
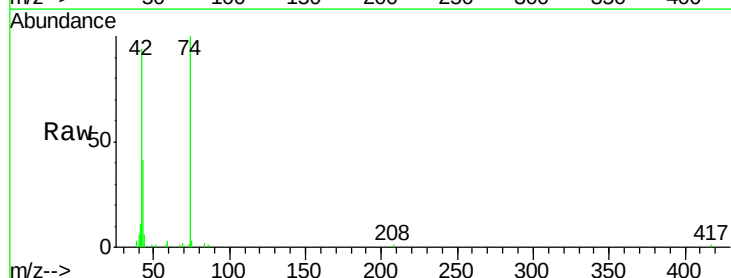
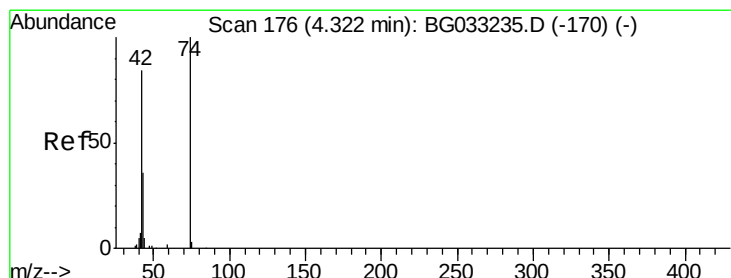
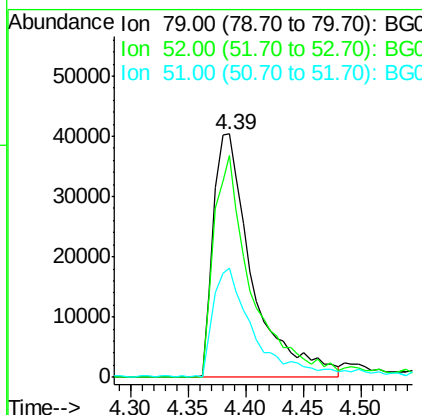
#3
Pvridine
Concen: 37.542 ng
RT: 4.39 min Scan# 187
Delta R.T. -0.00 min
Lab File: BG033714.D
Acq: 10 Apr 2018 15:30

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		94599		
52	91.0	69.9	104.9		
51	45.0	34.0	51.0		

Instrument :
BNA_G
ClientSampled :
SB-1MSD

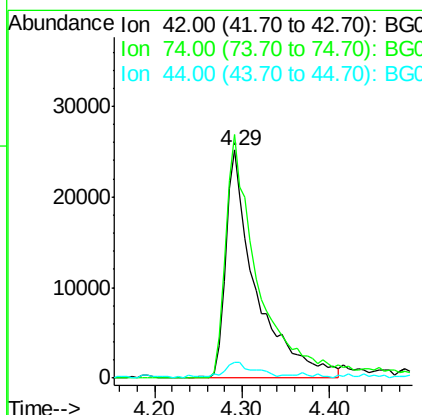
Manual Integrations
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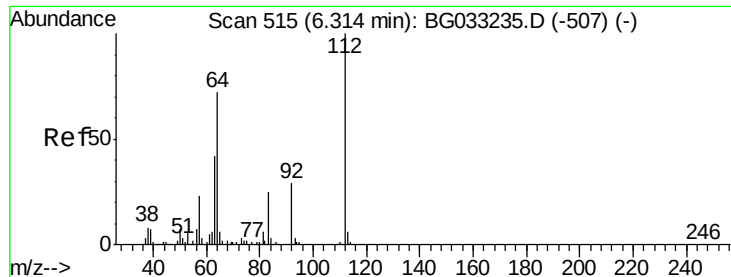
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#4
n-Nitrosodimethylamine
Concen: 57.505 ng
RT: 4.29 min Scan# 171
Delta R.T. -0.01 min
Lab File: BG033714.D
Acq: 10 Apr 2018 15:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		59464		
74	106.8	102.5	153.7		
44	6.7	18.9	28.3		





#5

2-Fluorophenol

Concen: 177.430 ng

RT: 6.28 min Scan# 510

Delta R.T. -0.00 min

Lab File: BG033714.D

Acq: 10 Apr 2018 15:30

Instrument :

BNA_G

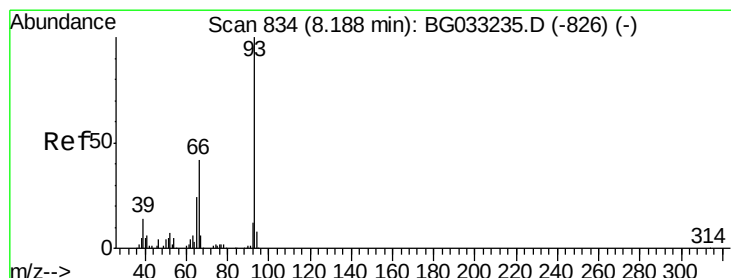
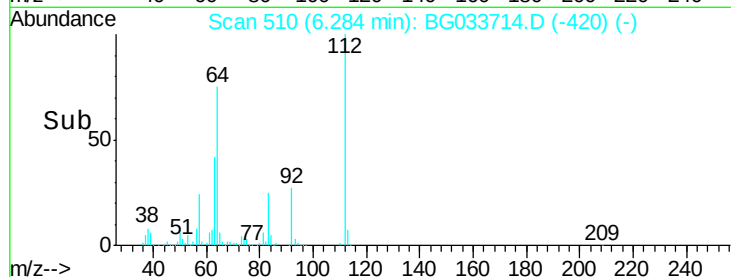
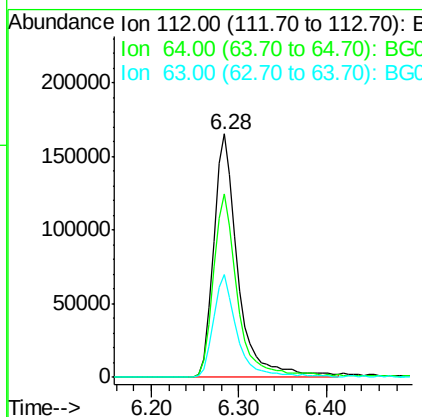
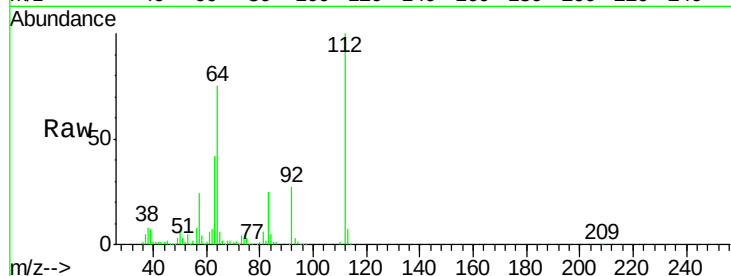
ClientSampled :

SB-1MSD

Tot Ion:	112	Resp:	318474
Ion Ratio	Lower	Upper	
112	100		
64	75.2	56.3	84.5
63	42.5	30.1	45.1

Manual Integrations
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#6

Aniline

Concen: 20.271 ng

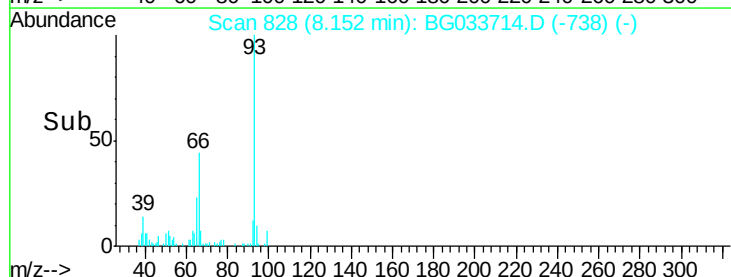
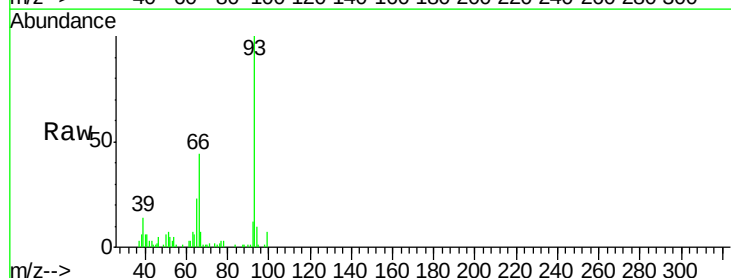
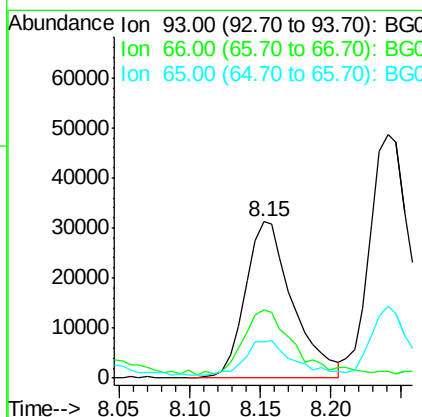
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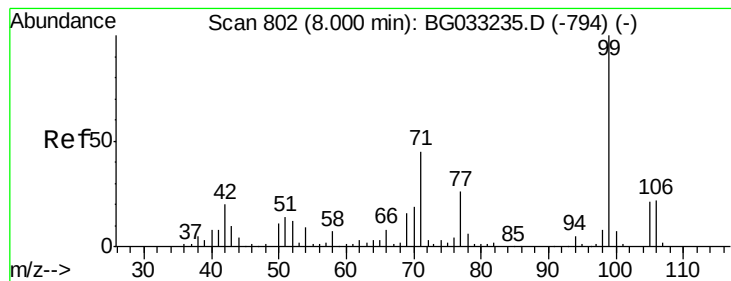
Delta R.T. -0.00 min

Lab File: BG033714.D

Acq: 10 Apr 2018 15:30

Tgt Ion:	93	Resp:	73520
Ion Ratio	Lower	Upper	
93	100		
66	43.9	33.7	50.5
65	23.2	16.1	24.1





#7

Phenol-d6

Concen: 159.385 ng

RT: 7.97 min Scan# 797

Delta R.T. -0.00 min

Lab File: BG033714.D

Acq: 10 Apr 2018 15:30

Instrument :

BNA_G

ClientSampleId :

SB-1MSD

Tot Ion: 99 Resp: 491550

Ion Ratio Lower Upper

99 100

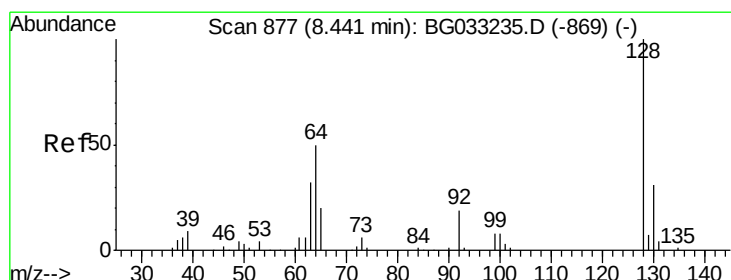
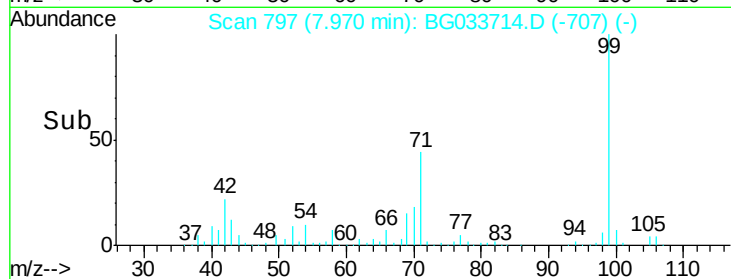
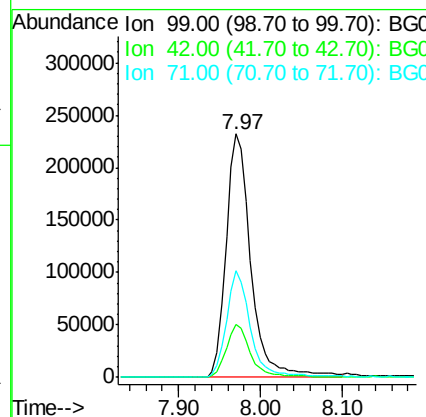
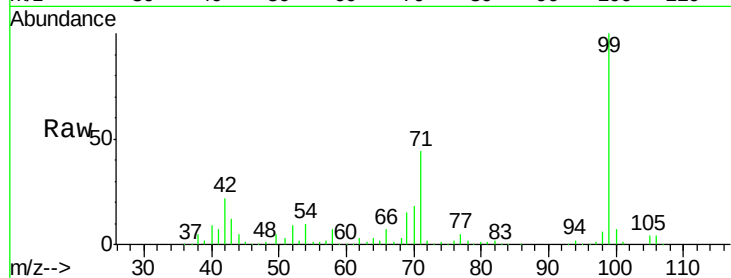
42 21.9 14.1 21.1#

71 44.0 26.1 39.1#

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#8

2-Chlorophenol

Concen: 55.345 ng

RT: 8.40 min Scan# 871

Delta R.T. 0.01 min

Lab File: BG033714.D

Acq: 10 Apr 2018 15:30

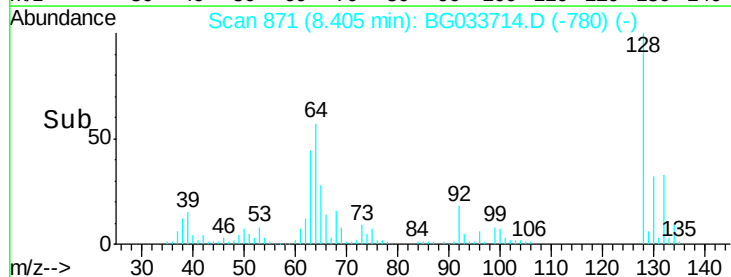
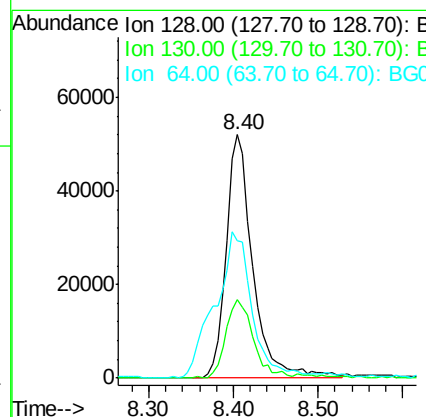
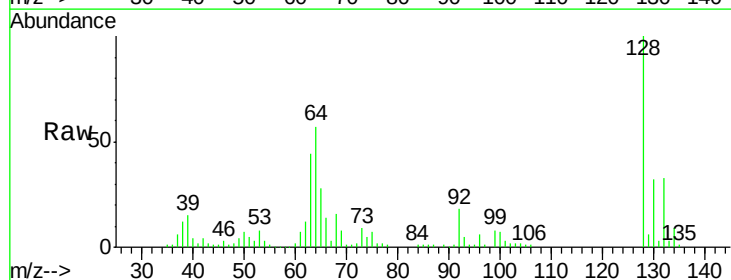
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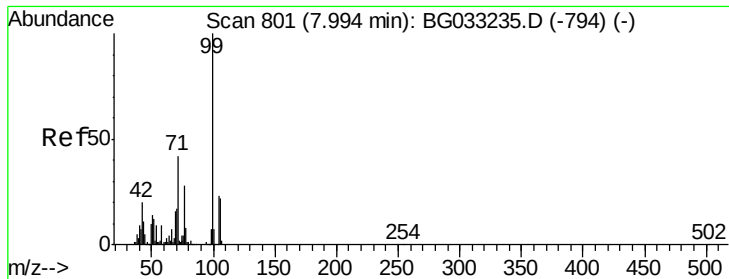
Ion Ratio Lower Upper

128 100

130 32.2 14.0 54.0

64 56.6 37.7 77.7





#9

Benzaldehyde

Concen: 23.039 ng/mL

RT: 7.96 min Scan# 796

Delta R.T. -0.00 min

Lab File: BG033714.D

Acq: 10 Apr 2018 15:30

Instrument :

BNA_G

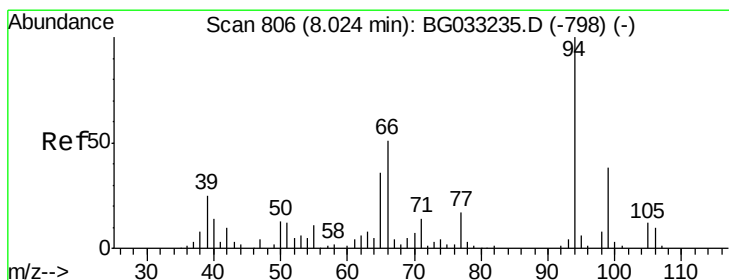
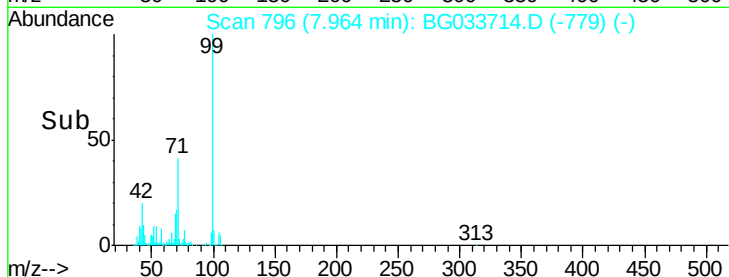
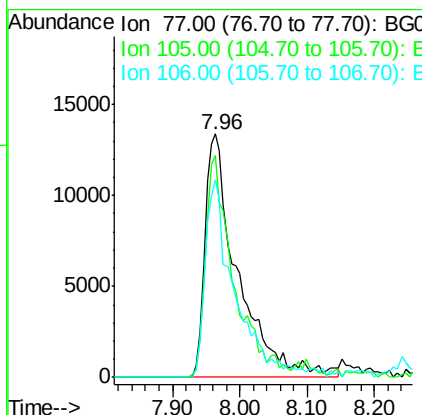
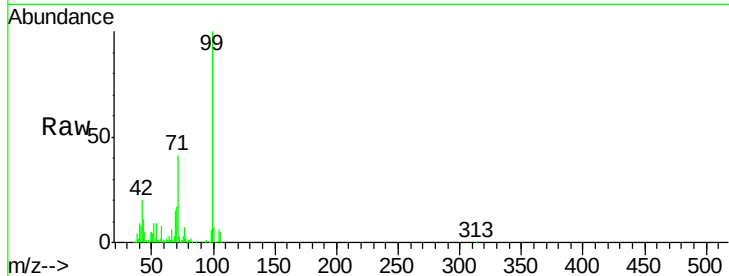
ClientSampled :

SB-1MSD

Tot Ion:	77	Resp:	45155
Ion	Ratio	Lower	Upper
77	100		
105	91.3	71.3	111.3
106	81.4	64.2	104.2

Manual Integrations
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#10

Phenol

Concen: 58.787 ng/mL

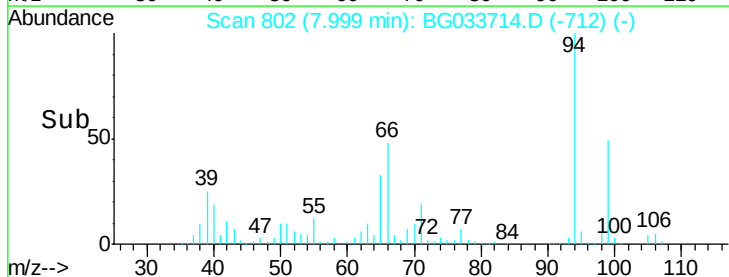
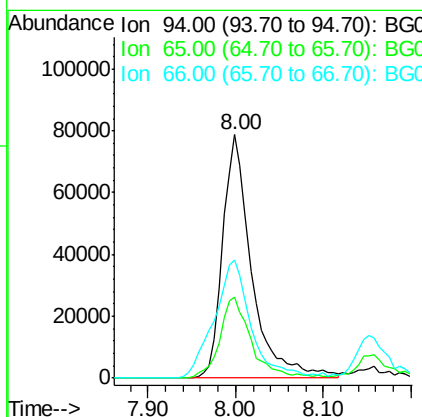
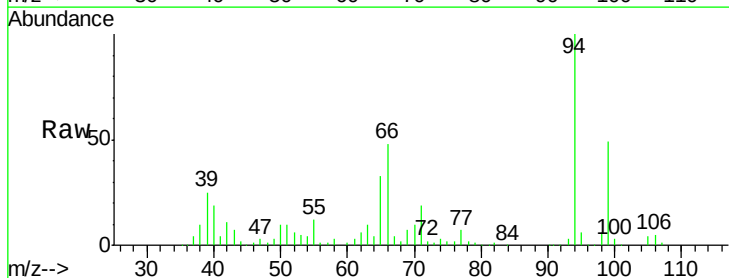
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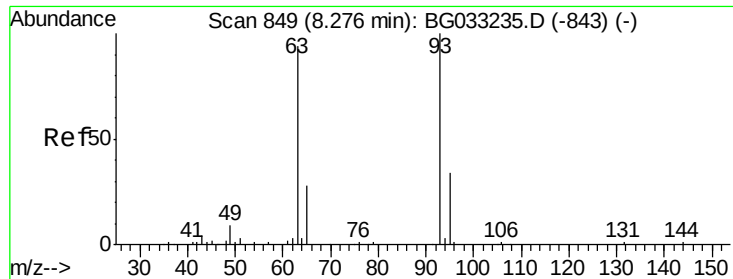
Delta R.T. -0.00 min

Lab File: BG033714.D

Acq: 10 Apr 2018 15:30

Tgt Ion:	94	Resp:	179002
Ion	Ratio	Lower	Upper
94	100		
65	33.3	11.9	51.9
66	48.5	22.2	62.2





#11

bis(2-Chloroethyl)ether

Concen: 47.798 ng

RT: 8.24 min Scan# 843

Delta R.T. 0.01 min

Lab File: BG033714.D

Acq: 10 Apr 2018 15:30

Instrument :

BNA_G

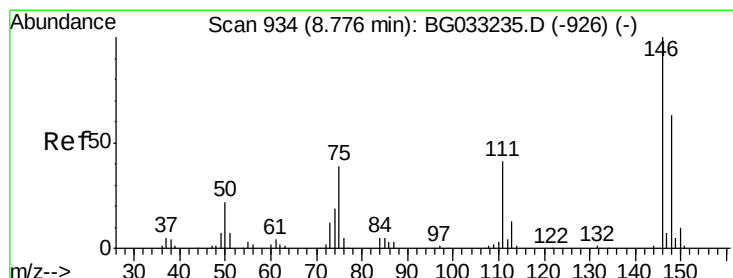
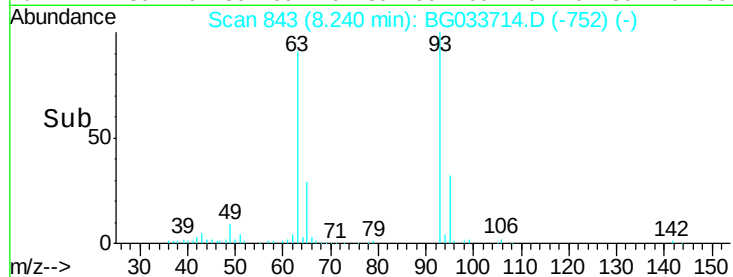
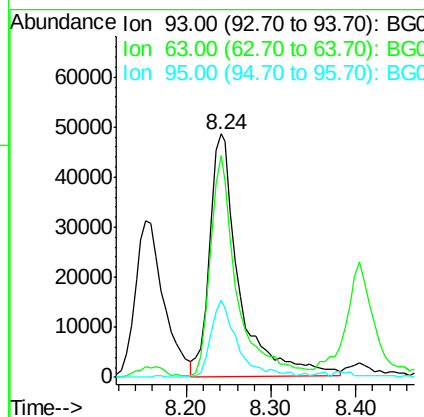
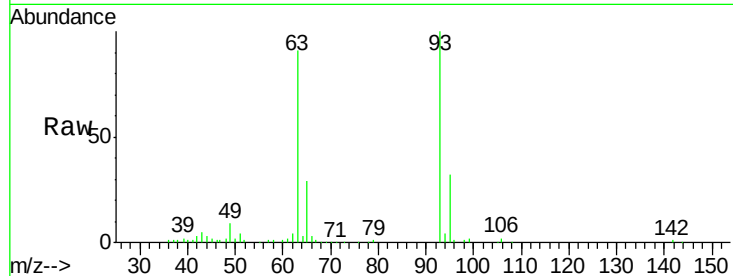
ClientSampleId :

SB-1MSD

Tot Ion:	93	Resp:	118796
Ion Ratio	Lower	Upper	
93	100		
63	91.4	67.1	107.1
95	31.8	11.5	51.5

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#12

1,3-Dichlorobenzene

Concen: 44.715 ng

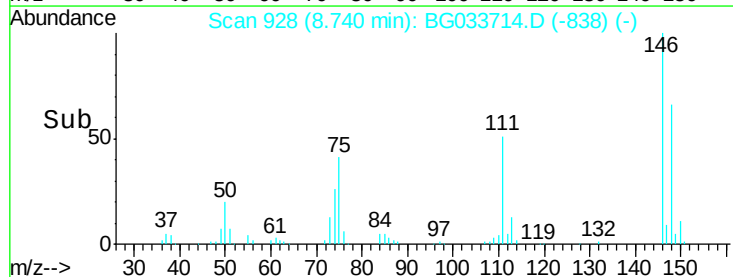
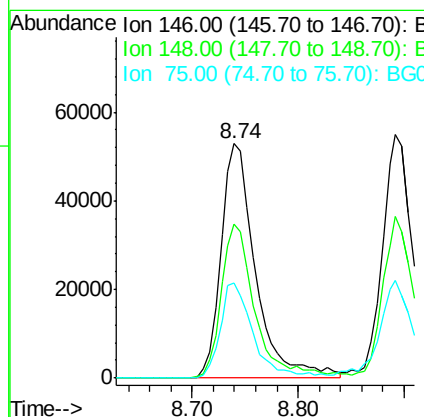
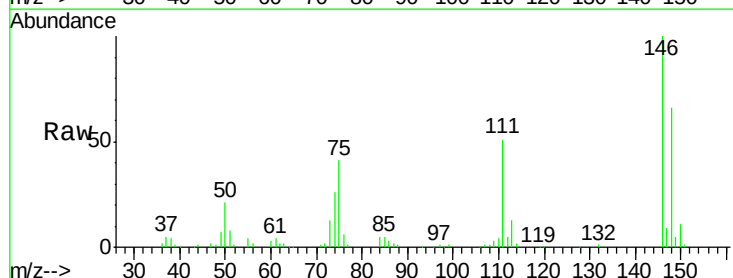
RT: 8.74 min Scan# 928

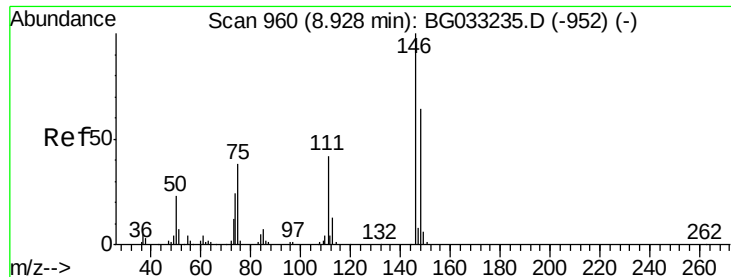
Delta R.T. -0.00 min

Lab File: BG033714.D

Acq: 10 Apr 2018 15:30

Tgt Ion:	146	Resp:	119960
Ion Ratio	Lower	Upper	
146	100		
148	65.6	51.4	77.2
75	40.5	26.6	39.8#





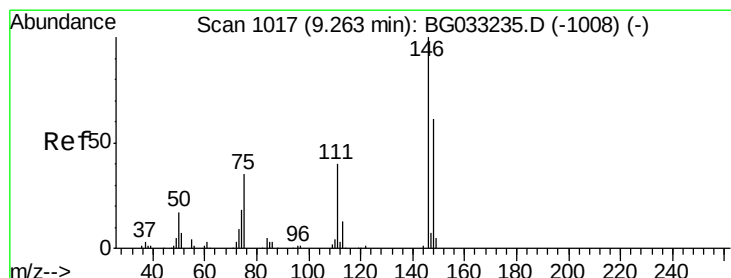
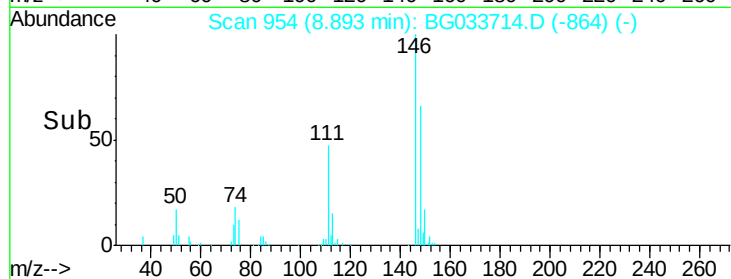
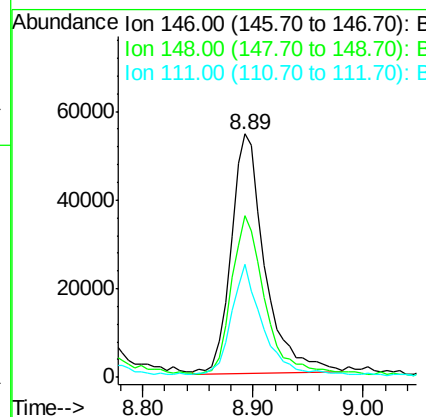
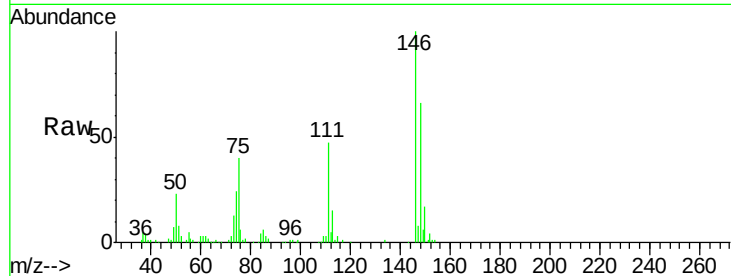
#13
 1,4-Dichlorobenzene
 Concen: 42.683 ng
 RT: 8.89 min Scan# 954
 Delta R.T. -0.00 min
 Lab File: BG033714.D
 Acq: 10 Apr 2018 15:30

Instrument :
 BNA_G
 ClientSampleId :
 SB-1MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.4	53.7	80.5
111	46.5	35.2	52.8

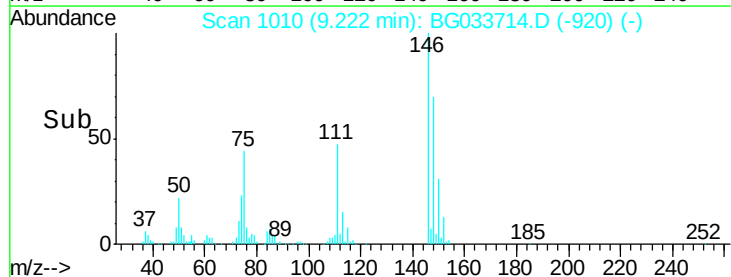
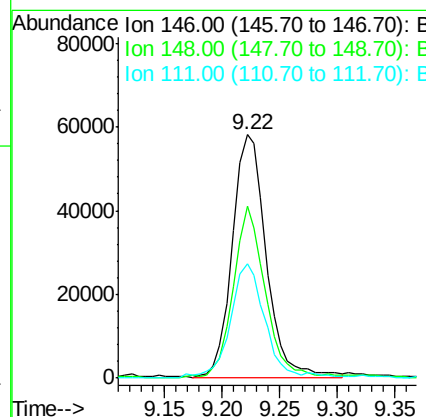
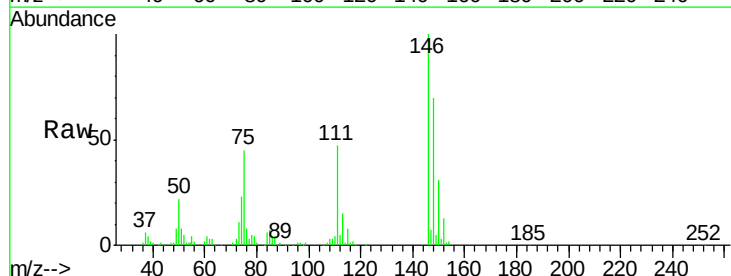
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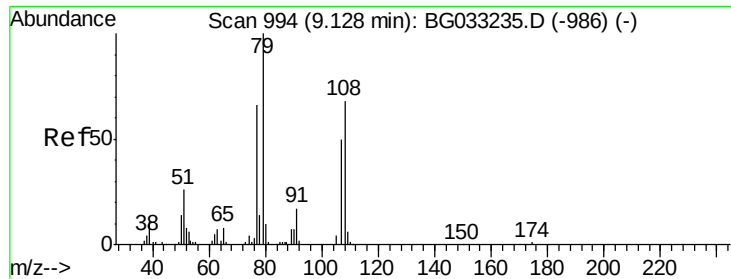
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 44.999 ng
 RT: 9.22 min Scan# 1010
 Delta R.T. -0.00 min
 Lab File: BG033714.D
 Acq: 10 Apr 2018 15:30

Tgt Ion	Ratio	Lower	Upper
146	100		
148	70.4	49.3	73.9
111	47.2	34.3	51.5





#15

Benzyl Alcohol

Concen: 49.524 ng

RT: 9.09 min Scan# 988

Delta R.T. -0.00 min

Lab File: BG033714.D

Acq: 10 Apr 2018 15:30

Instrument :

BNA_G

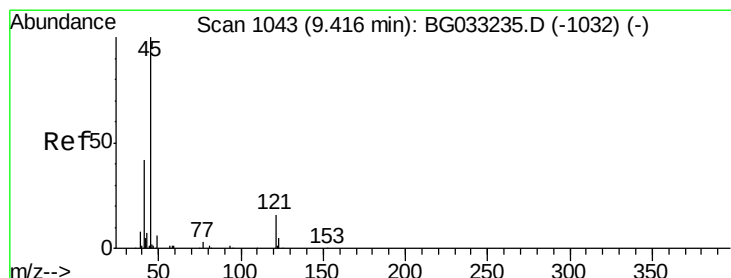
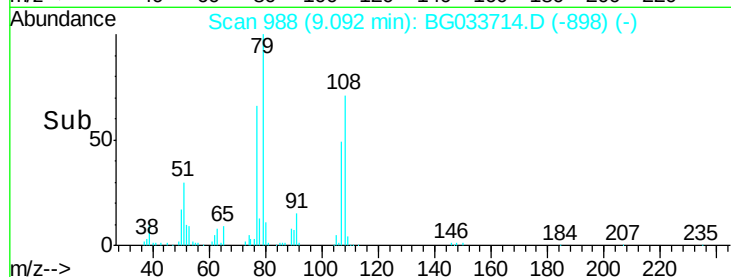
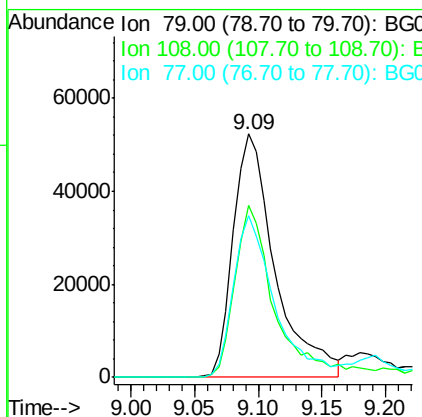
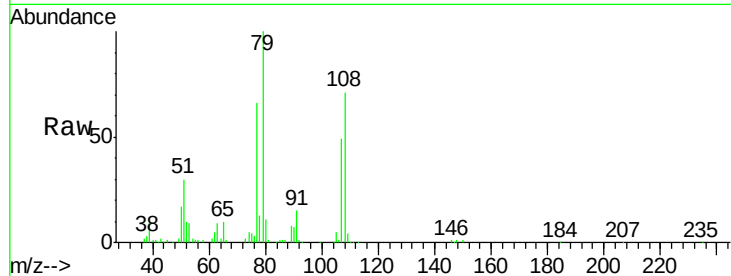
ClientSampled :

SB-1MSD

Tot Ion:	79	Resp:	120253
Ion	Ratio	Lower	Upper
79	100		
108	70.7	57.2	85.8
77	66.3	46.1	69.1

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 49.399 ng

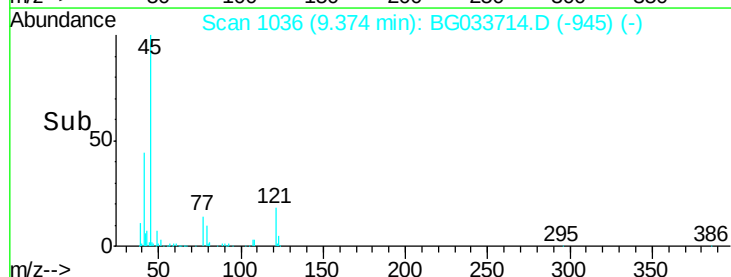
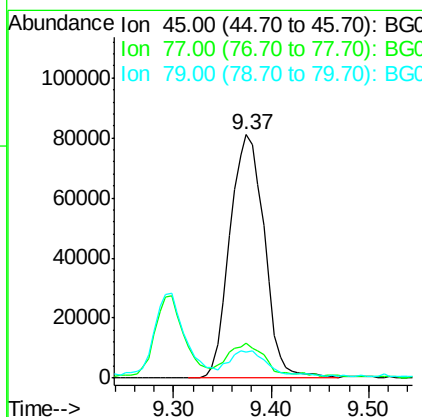
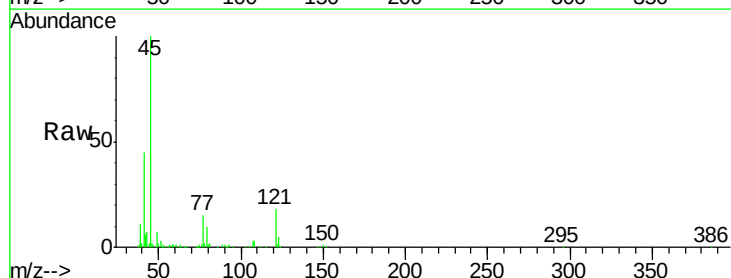
RT: 9.37 min Scan# 1036

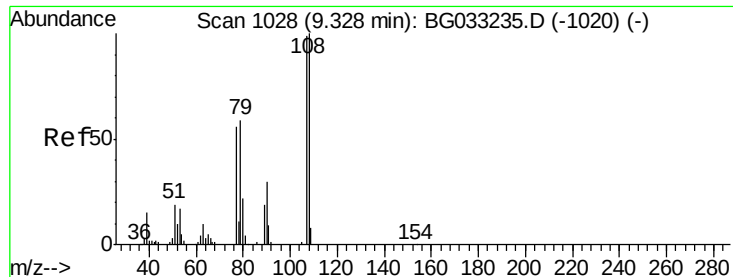
Delta R.T. 0.01 min

Lab File: BG033714.D

Acq: 10 Apr 2018 15:30

Tgt Ion:	45	Resp:	200148
Ion	Ratio	Lower	Upper
45	100		
77	14.5	0.0	30.2
79	10.5	0.0	27.9





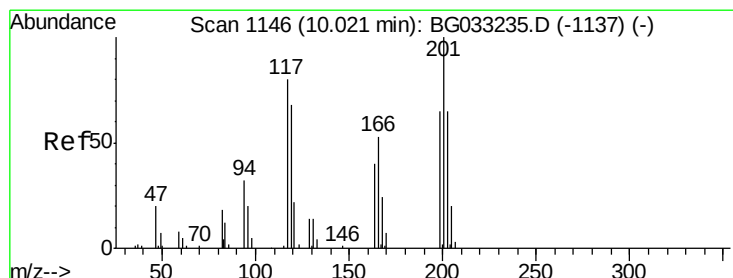
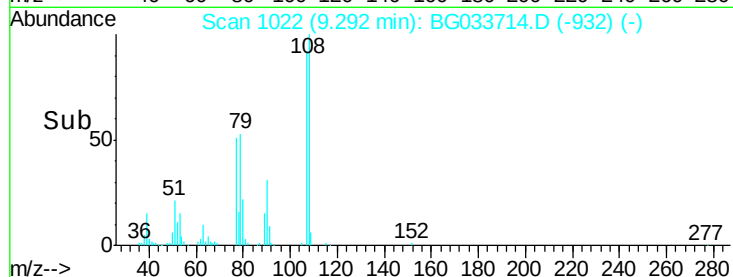
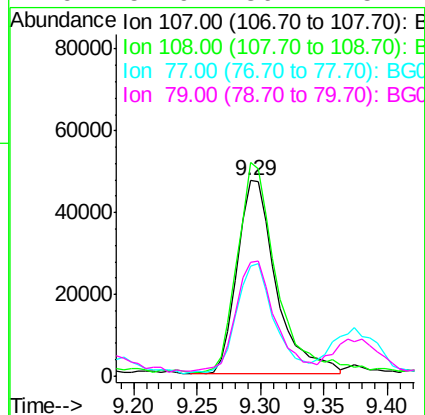
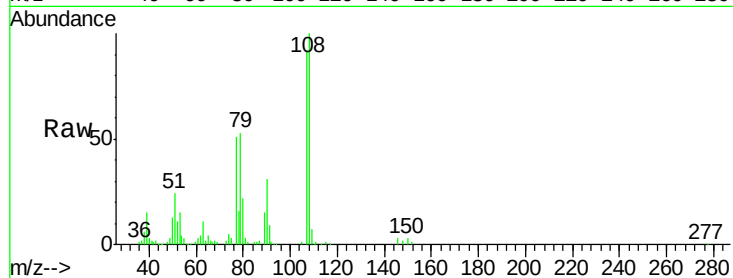
#17
2-Methylphenol
Concen: 48.411 ng
RT: 9.29 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BG033714.D
Acq: 10 Apr 2018 15:30

Instrument :
BNA_G
ClientSampleId :
SB-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.1	83.9	125.9	
77	56.2	37.2	55.8	
79	57.9	36.2	54.2	

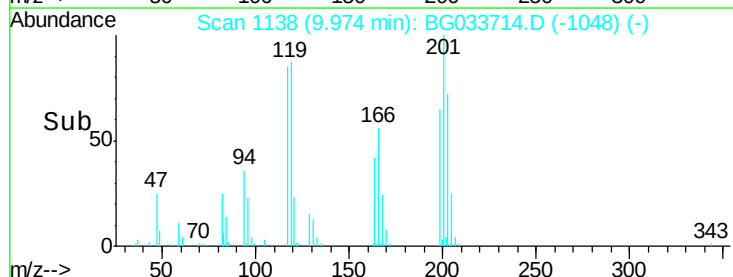
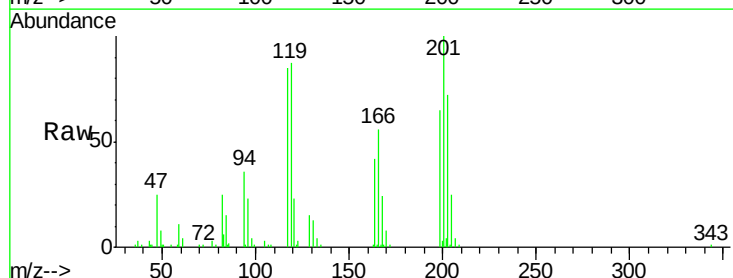
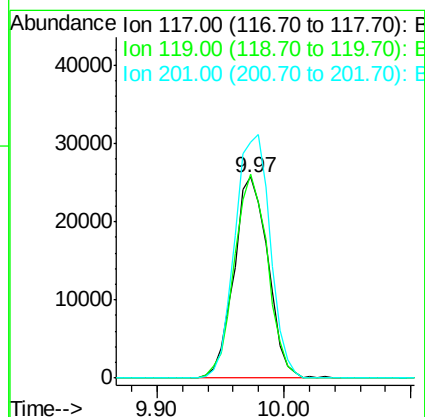
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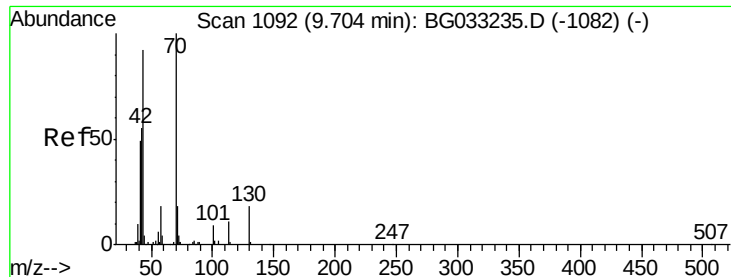
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#18
Hexachloroethane
Concen: 46.045 ng
RT: 9.97 min Scan# 1138
Delta R.T. -0.00 min
Lab File: BG033714.D
Acq: 10 Apr 2018 15:30

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	101.6	76.7	115.1	
201	117.3	95.7	143.5	





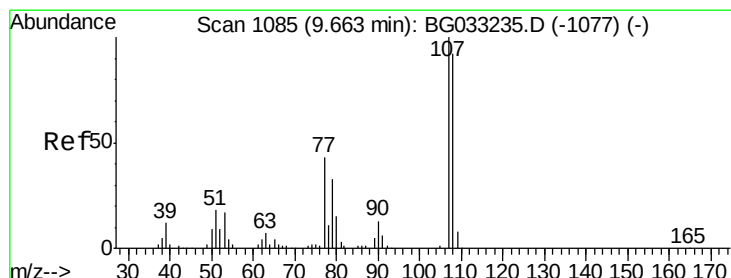
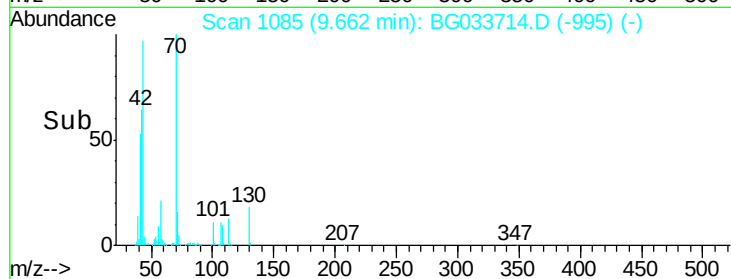
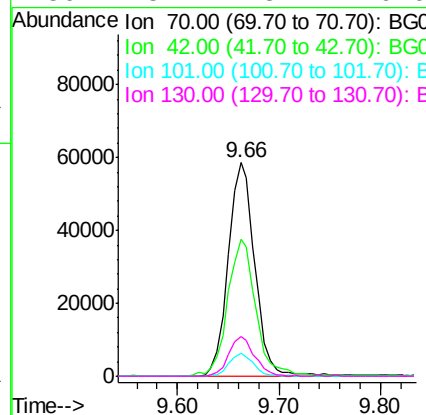
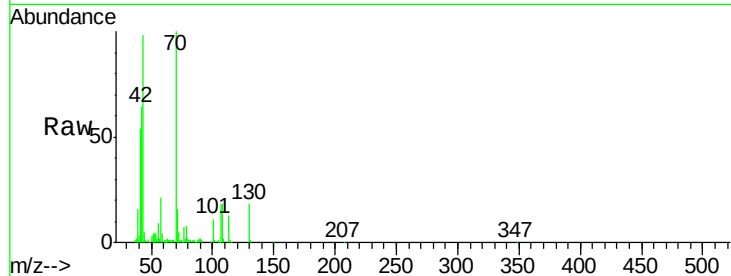
#19
n-Nitroso-di-n-propylamine
Concen: 47.193 ng
RT: 9.66 min Scan# 1085
Delta R.T. -0.00 min
Lab File: BG033714.D
Acq: 10 Apr 2018 15:30

Instrument :
BNA_G
ClientSampleId :
SB-1MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		106650		
42	64.0	49.1	73.7		
101	10.7	8.5	12.7		
130	18.4	13.4	20.0		

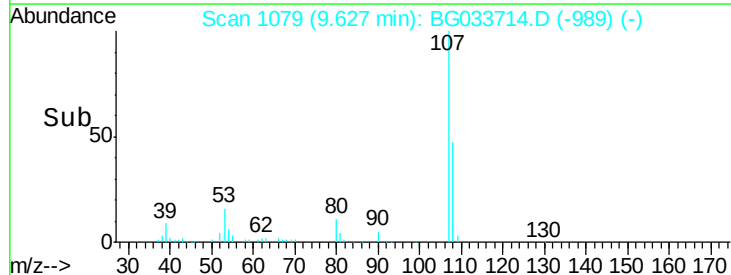
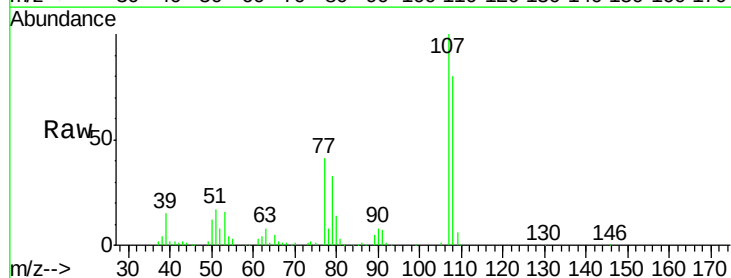
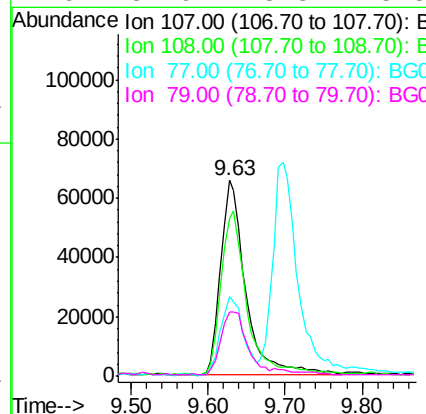
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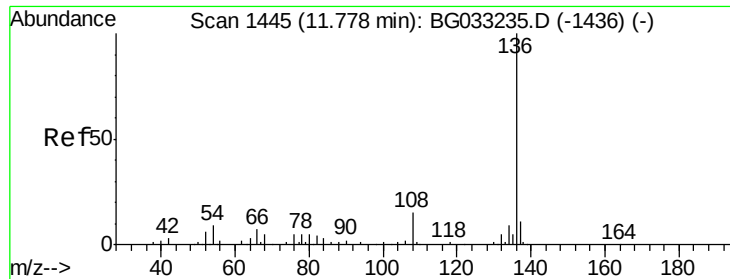
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#20
3+4-Methylphenols
Concen: 50.393 ng
RT: 9.63 min Scan# 1079
Delta R.T. -0.00 min
Lab File: BG033714.D
Acq: 10 Apr 2018 15:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		148830		
108	80.2	61.6	101.6		
77	40.5	13.9	53.9		
79	32.9	8.8	48.8		





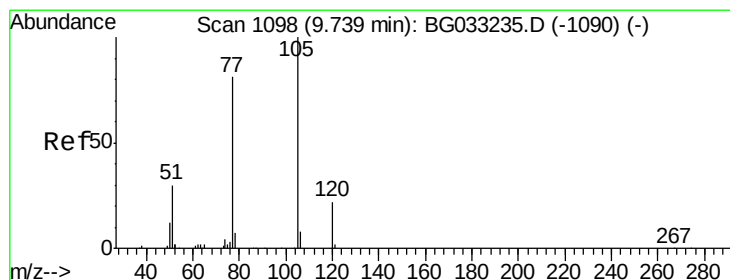
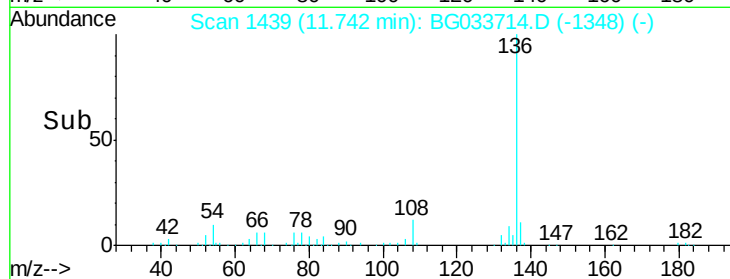
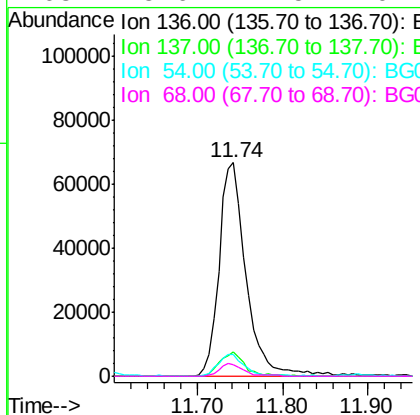
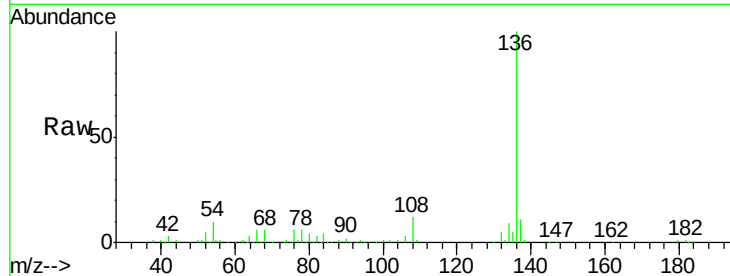
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.74 min Scan# 1439
Delta R.T. 0.01 min
Lab File: BG033714.D
Acq: 10 Apr 2018 15:30

Instrument :
BNA_G
ClientSampled :
SB-1MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		148219		
137	11.2	9.2	13.8		
54	10.5	10.3	15.5		
68	5.6	4.5	6.7		

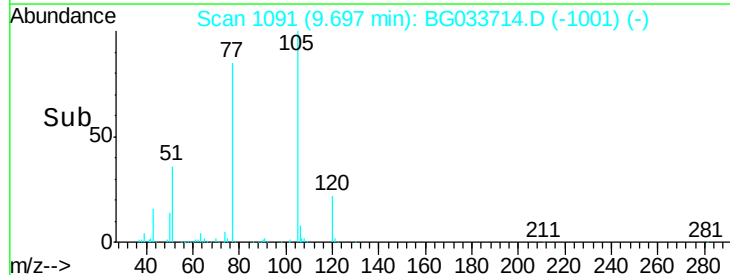
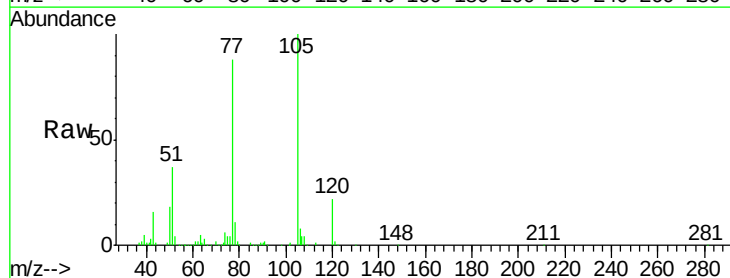
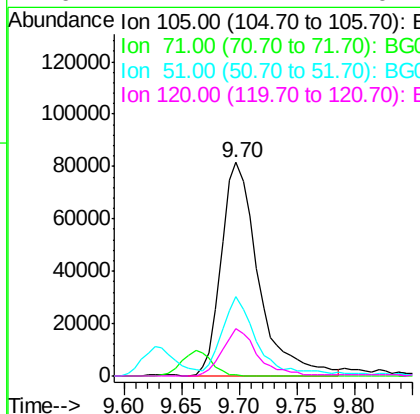
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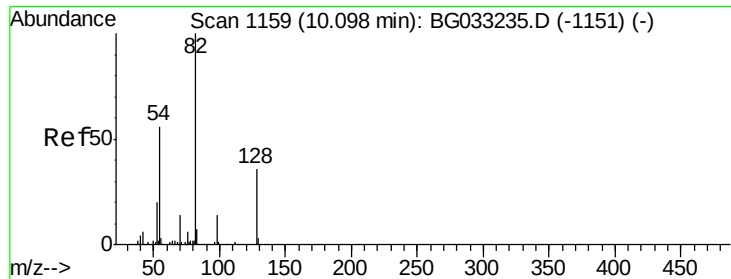
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#22
Acetophenone
Concen: 45.015 ng
RT: 9.70 min Scan# 1091
Delta R.T. -0.00 min
Lab File: BG033714.D
Acq: 10 Apr 2018 15:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		182791		
71	0.4	3.0	4.4#		
51	37.4	26.1	39.1		
120	22.4	17.4	26.2		





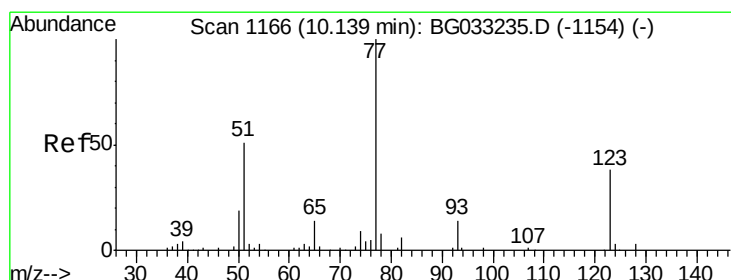
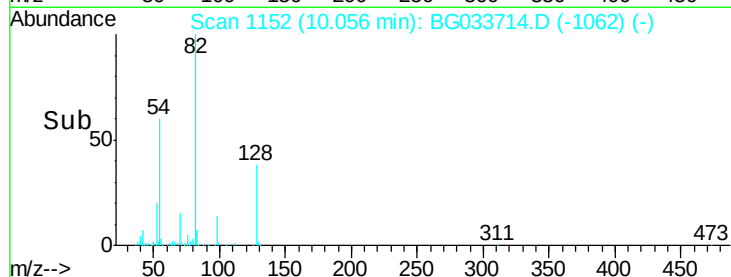
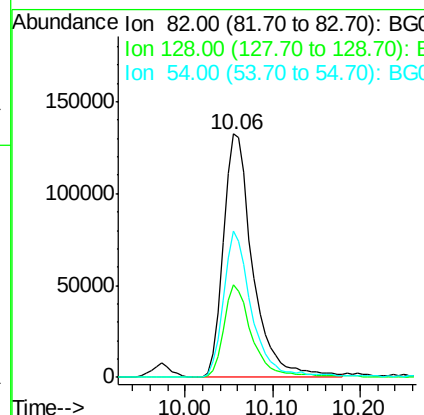
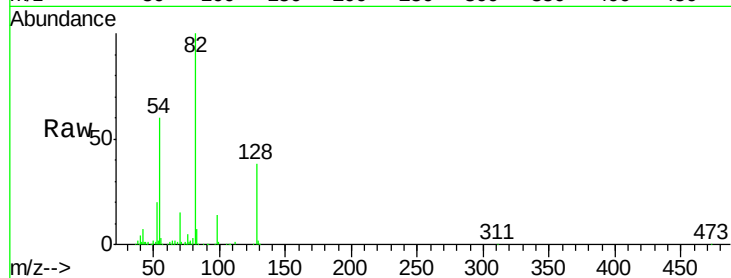
#23
Nitrobenzene-d5
Concen: 95.400 ng
RT: 10.06 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BG033714.D
Acq: 10 Apr 2018 15:30

Instrument :
BNA_G
ClientSampleId :
SB-1MSD

Tot Ion	82	Resp	307768
Ion	Ratio	Lower	Upper
82	100		
128	38.0	29.7	44.5
54	60.1	43.1	64.7

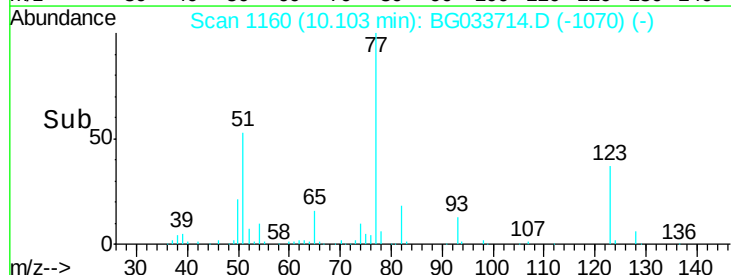
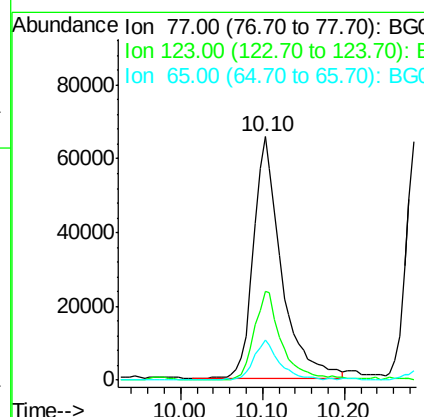
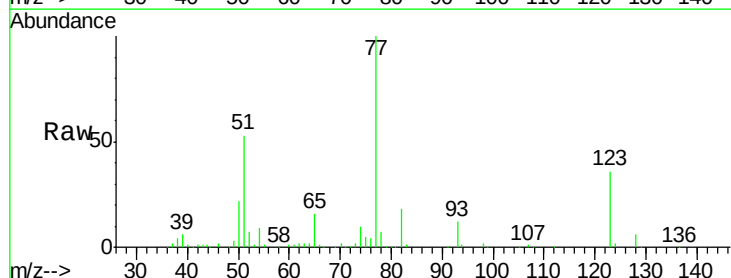
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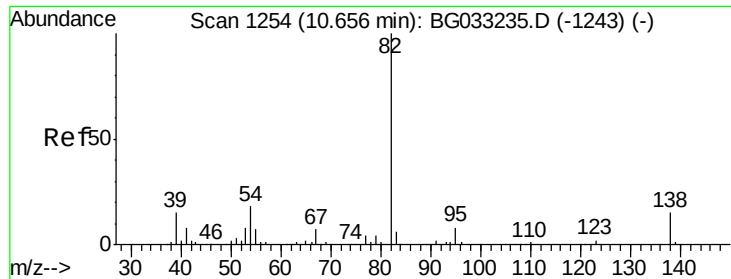
Sohil
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#24
Nitrobenzene
Concen: 45.160 ng
RT: 10.10 min Scan# 1160
Delta R.T. -0.00 min
Lab File: BG033714.D
Acq: 10 Apr 2018 15:30

Tgt Ion	77	Resp	155942
Ion	Ratio	Lower	Upper
77	100		
123	36.3	33.0	49.6
65	16.3	13.0	19.6





#25

Isophorone

Concen: 49.088 ng

RT: 10.62 min Scan# 1248

Delta R.T. 0.01 min

Lab File: BG033714.D

Acq: 10 Apr 2018 15:30

Instrument :

BNA_G

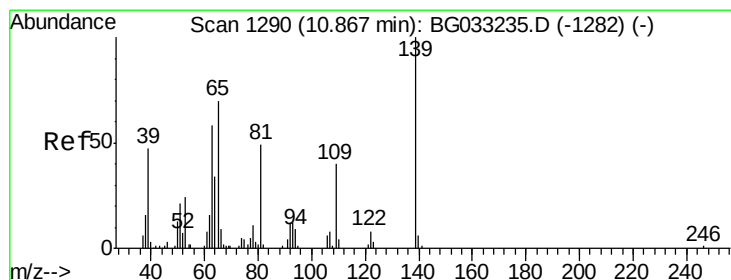
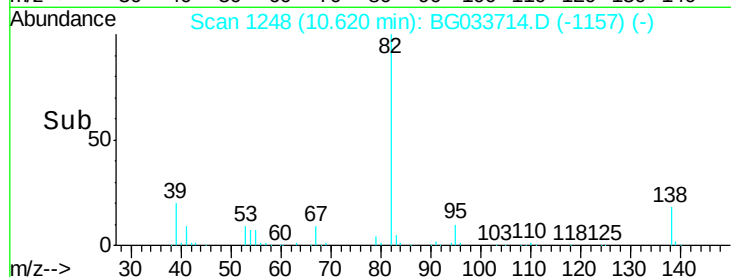
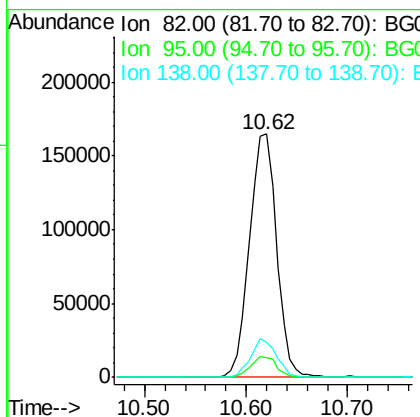
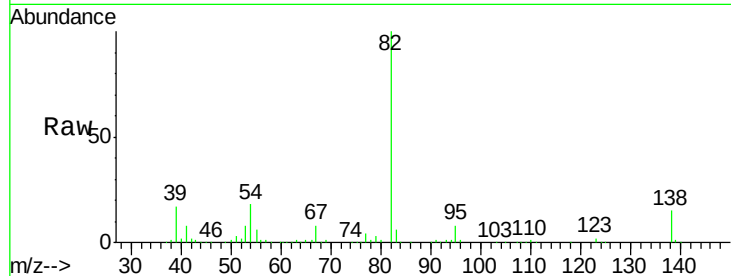
ClientSampleId :

SB-1MSD

Tot Ion:	82	Resp:	307358
Ion Ratio		Lower	Upper
82	100		
95	7.9	6.2	9.2
138	14.6	12.1	18.1

Manual Integrations
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#26

2-Nitrophenol

Concen: 49.314 ng

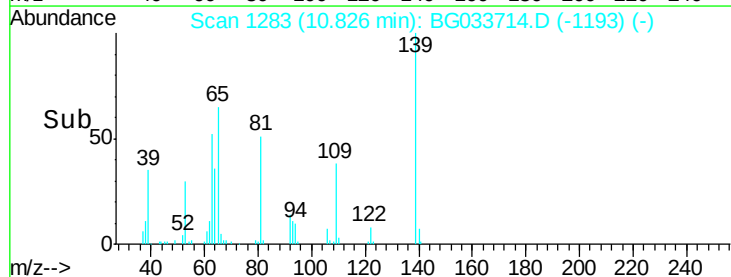
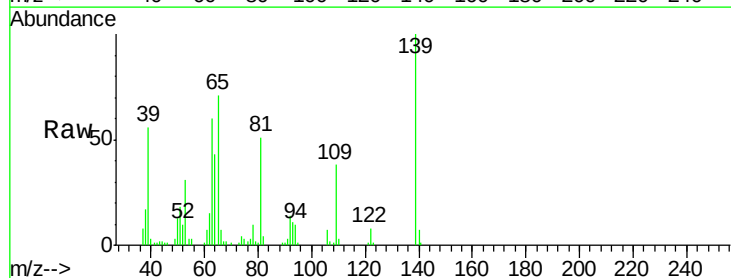
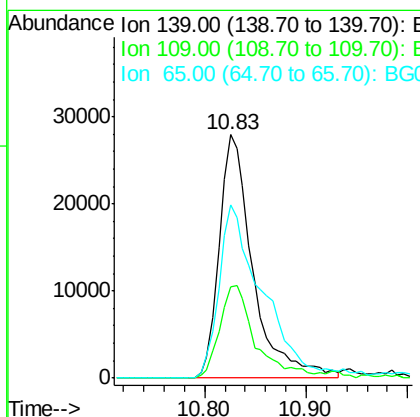
RT: 10.83 min Scan# 1283

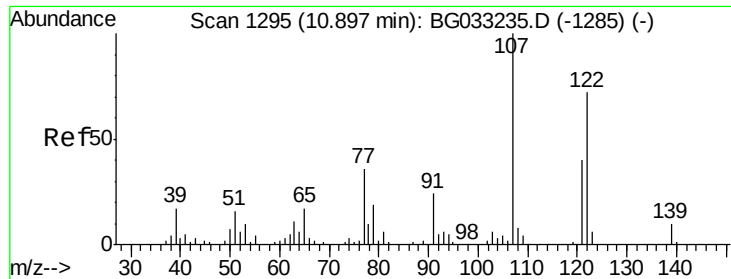
Delta R.T. -0.00 min

Lab File: BG033714.D

Acq: 10 Apr 2018 15:30

Tgt Ion:	139	Resp:	64469
Ion Ratio		Lower	Upper
139	100		
109	37.8	24.2	36.2#
65	71.0	47.4	71.0





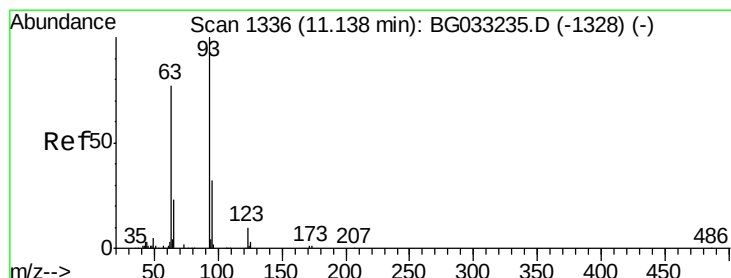
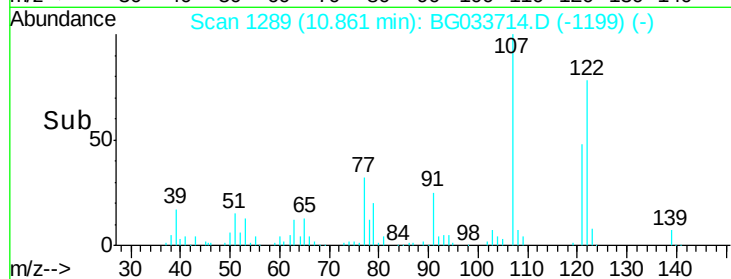
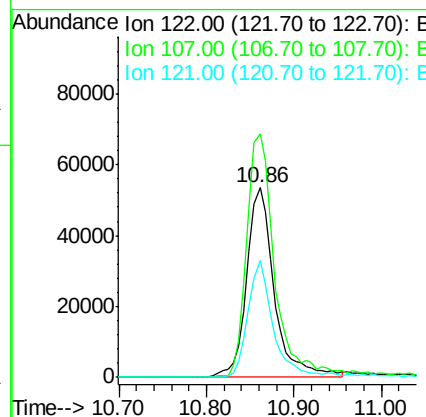
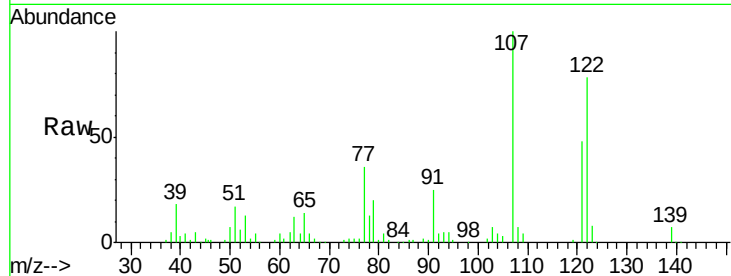
#27
 2,4-Dimethylphenol
 Concen: 60.068 ng
 RT: 10.86 min Scan# 1289
 Delta R.T. -0.00 min
 Lab File: BG033714.D
 Acq: 10 Apr 2018 15:30

Instrument :
 BNA_G
 ClientSampleId :
 SB-1MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100				
107	128.7	100.2	114077	150.2	
121	61.8	44.4		66.6	

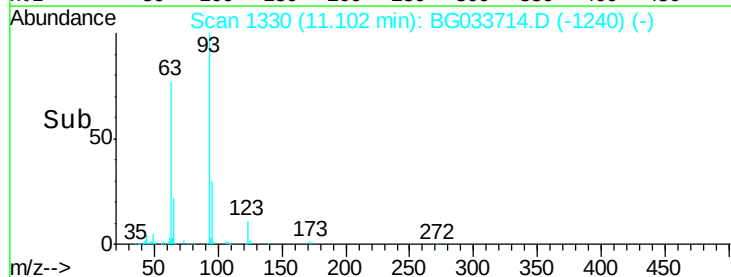
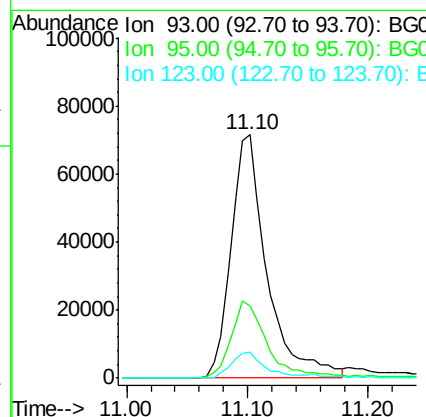
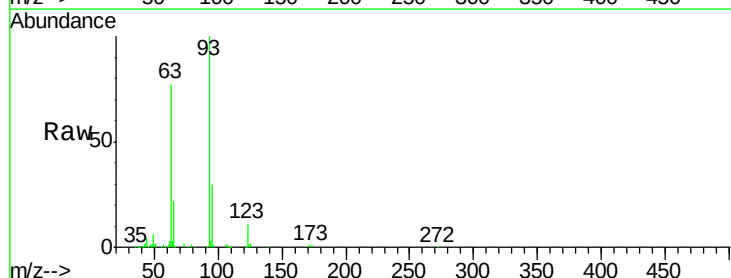
Manual Integrations
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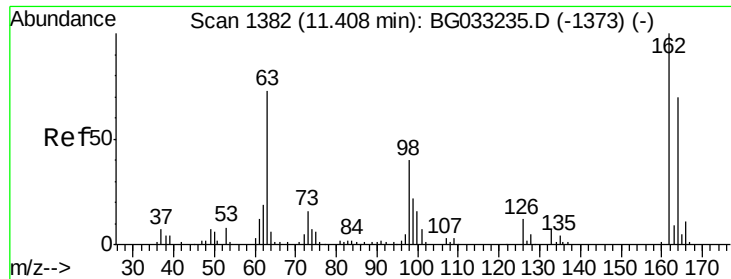
Sohil
 4/11/2018 5:18:22 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 47.372 ng
 RT: 11.10 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: BG033714.D
 Acq: 10 Apr 2018 15:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100				
95	29.6	24.3	147995	36.5	
123	10.9	8.4		12.6	





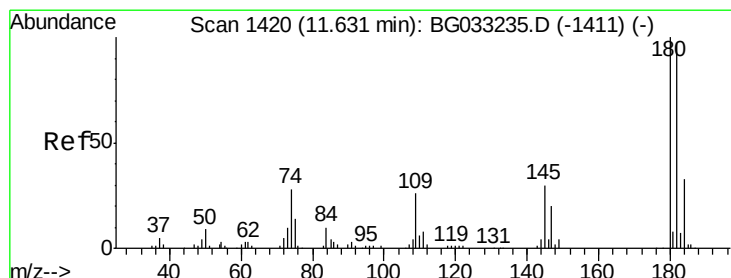
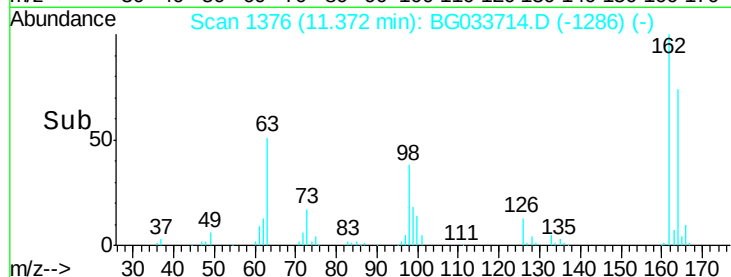
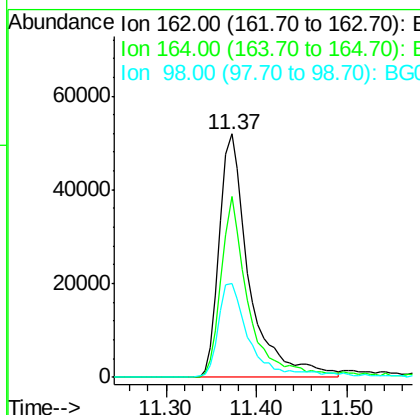
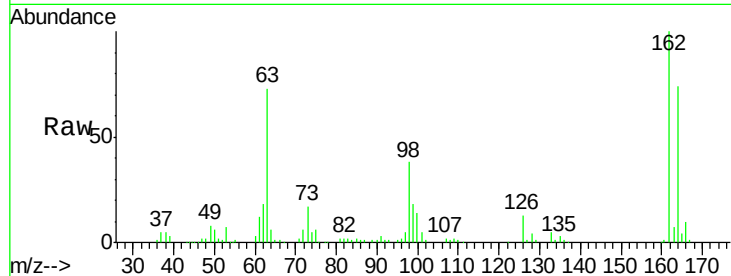
#29
 2,4-Dichlorophenol
 Concen: 50.859 ng
 RT: 11.37 min Scan# 1376
 Delta R.T. -0.00 min
 Lab File: BG033714.D
 Acq: 10 Apr 2018 15:30

Instrument :
 BNA_G
 ClientSampled :
 SB-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	118784		
164	74.4	48.0	88.0	
98	38.3	21.1	61.1	

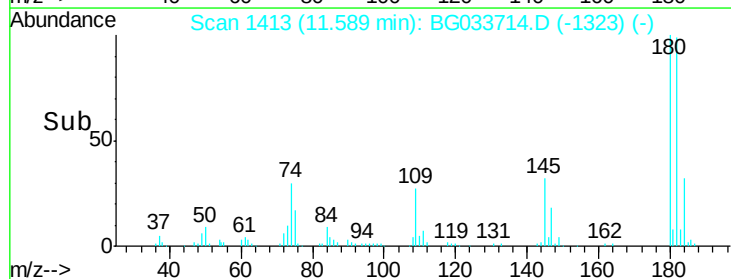
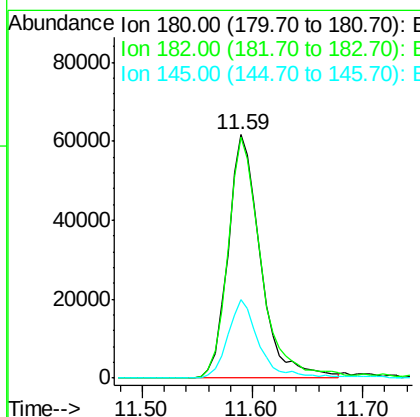
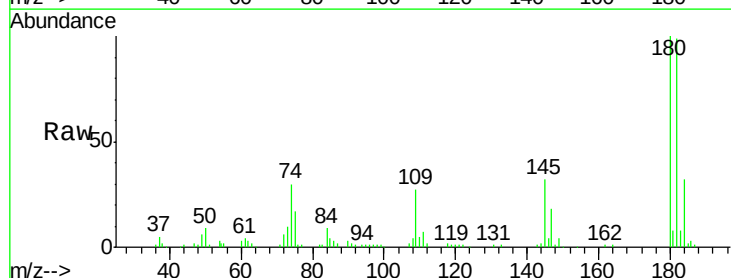
Manual Integrations
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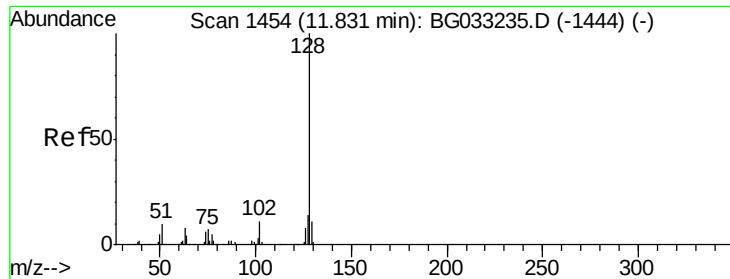
Sohil
 4/11/2018 5:18:22 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 41.836 ng
 RT: 11.59 min Scan# 1413
 Delta R.T. -0.00 min
 Lab File: BG033714.D
 Acq: 10 Apr 2018 15:30

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	126951		
182	99.1	77.5	116.3	
145	32.3	23.4	35.2	





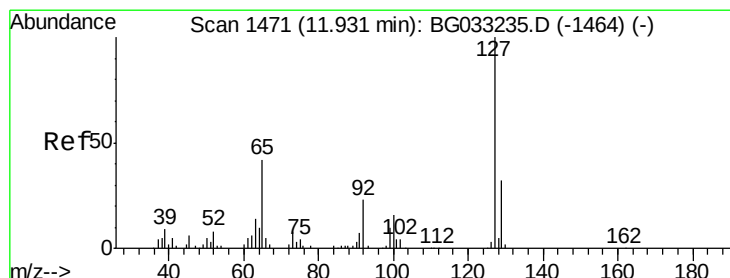
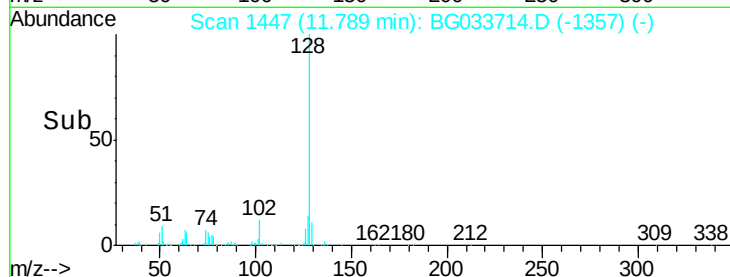
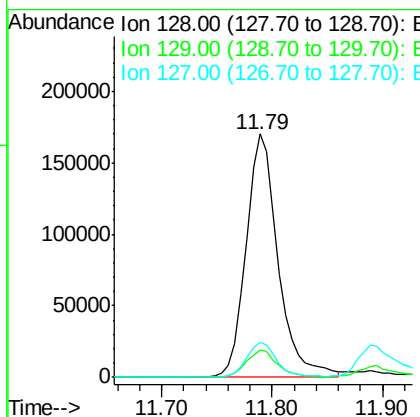
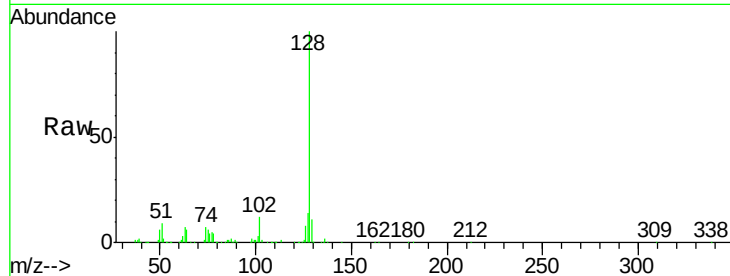
#31
Naphthalene
Concen: 44.967 ng
RT: 11.79 min Scan# 1447
Delta R.T. -0.00 min
Lab File: BG033714.D
Acq: 10 Apr 2018 15:30

Instrument :
BNA_G
ClientSampleId :
SB-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100	345379		
129	11.0		8.6	12.8
127	14.3		11.6	17.4

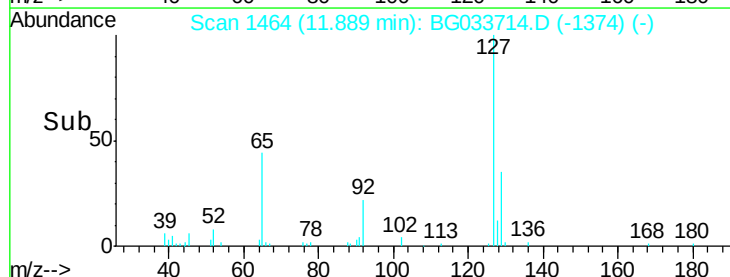
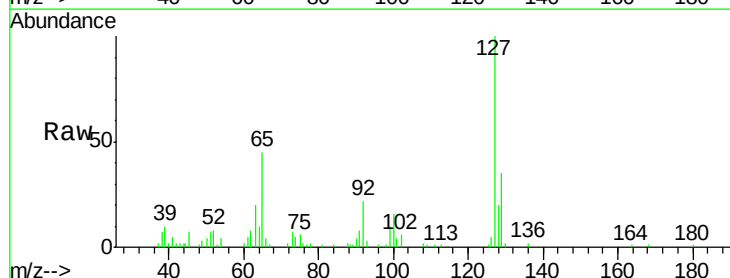
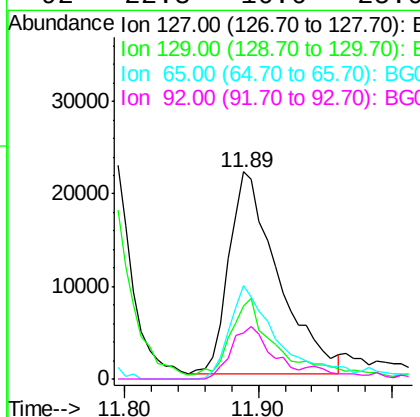
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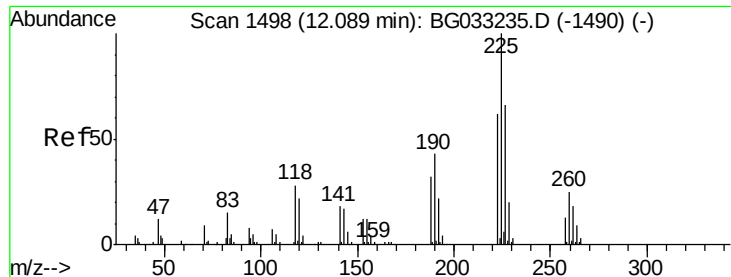
Sohil
4/11/2018 5:18:22 PM



#33
4-Chloroaniline
Concen: 16.268 ng
RT: 11.89 min Scan# 1464
Delta R.T. -0.00 min
Lab File: BG033714.D
Acq: 10 Apr 2018 15:30

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	55982		
129	35.2		24.0	36.0
65	45.0		27.0	40.4
92	22.3		16.6	25.0





#34

Hexachlorobutadiene

Concen: 40.954 ng

RT: 12.05 min Scan# 1491

Delta R.T. -0.00 min

Lab File: BG033714.D

Acq: 10 Apr 2018 15:30

Instrument :

BNA_G

ClientSampleId :

SB-1MSD

Tot Ion:225 Resp: 93978

Ion Ratio Lower Upper

225 100

223 61.1 49.7 74.5

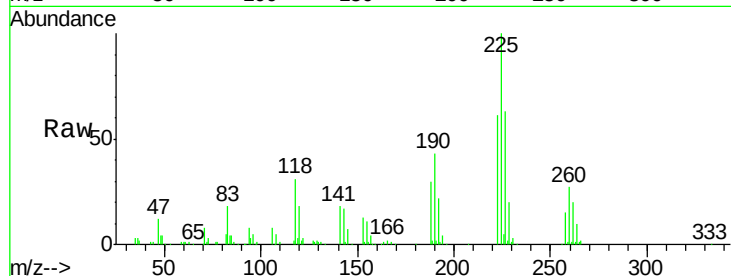
227 63.3 48.1 72.1

Manual Integrations

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Sohil

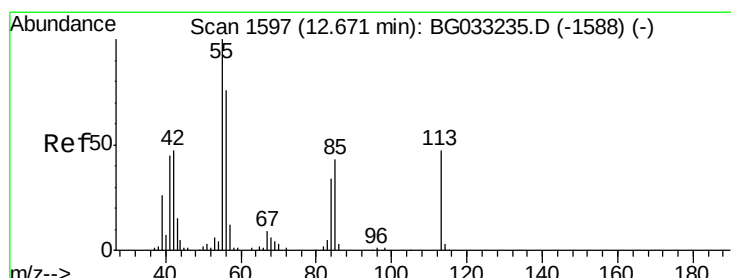
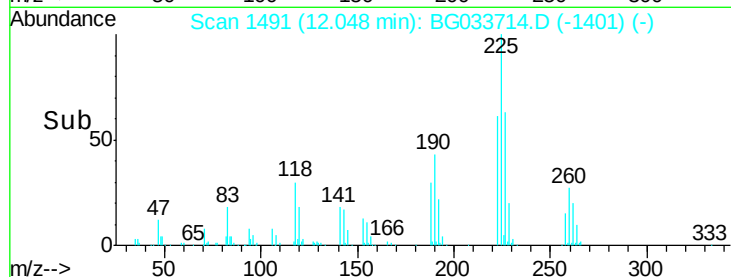
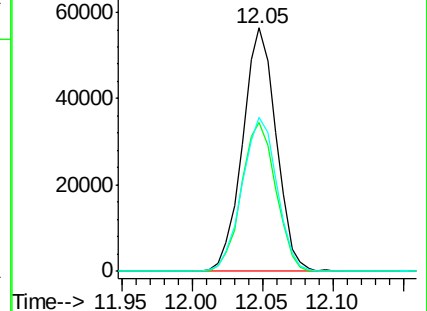
4/11/2018 5:18:22 PM



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#35

Caprolactam

Concen: 45.698 ng

RT: 12.62 min Scan# 1589

Delta R.T. -0.00 min

Lab File: BG033714.D

Acq: 10 Apr 2018 15:30

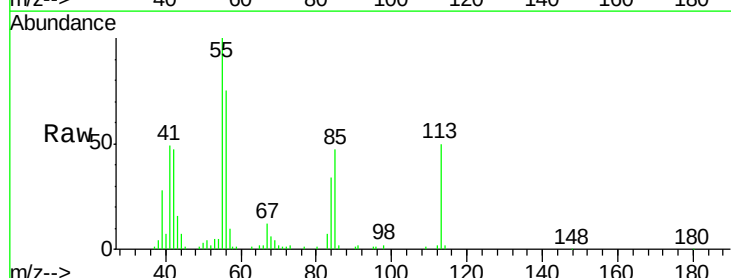
Tgt Ion:113 Resp: 41813

Ion Ratio Lower Upper

113 100

55 201.8 186.9 226.9

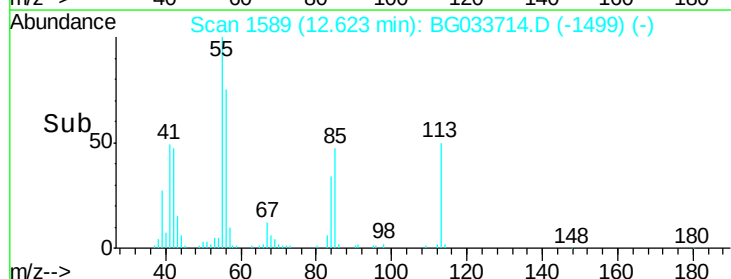
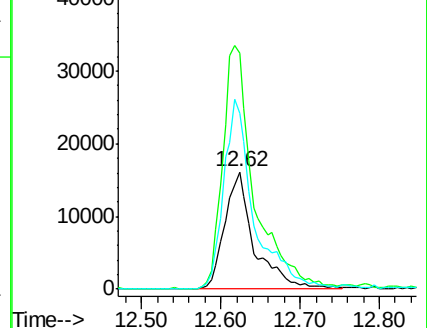
56 150.3 130.9 170.9

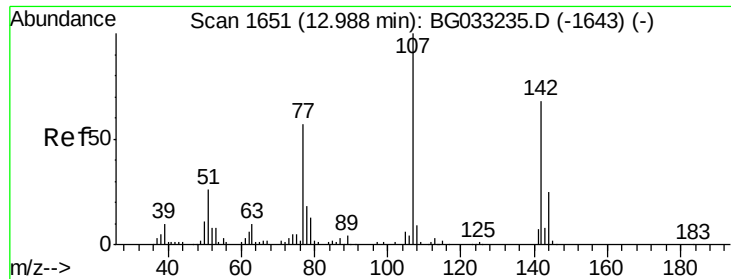


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC





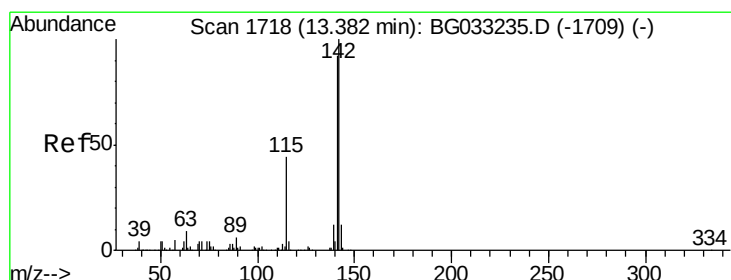
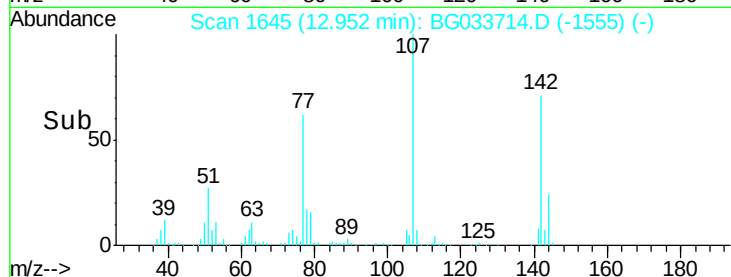
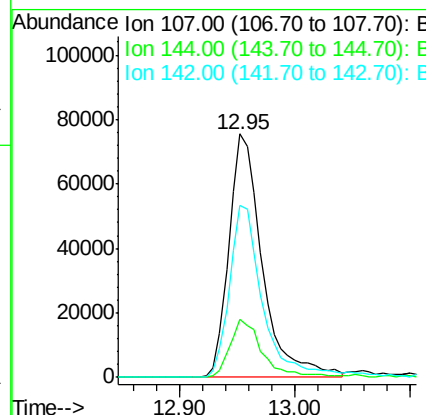
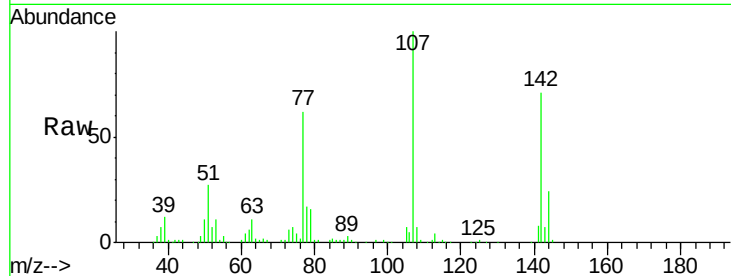
#36
 4-Chloro-3-methylphenol
 Concen: 49.808 ng
 RT: 12.95 min Scan# 1645
 Delta R.T. -0.00 min
 Lab File: BG033714.D
 Acq: 10 Apr 2018 15:30

Instrument :
 BNA_G
 ClientSampled :
 SB-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	151725		
144	24.0	18.2	27.4	
142	70.6	59.0	88.4	

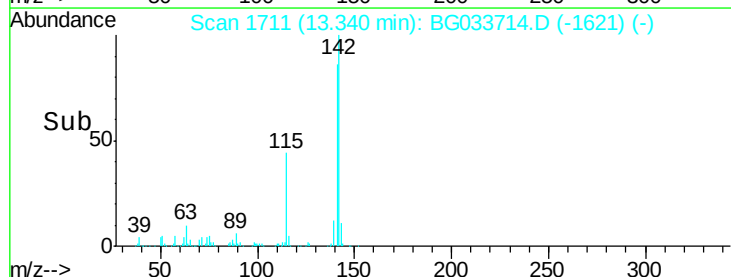
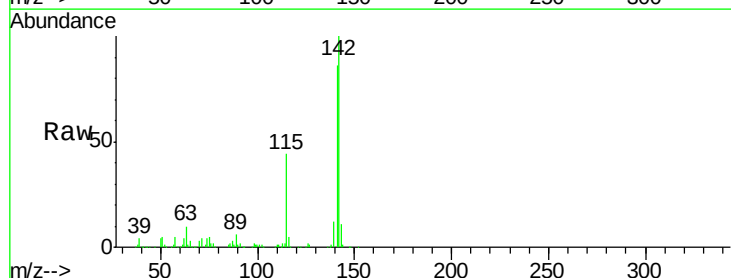
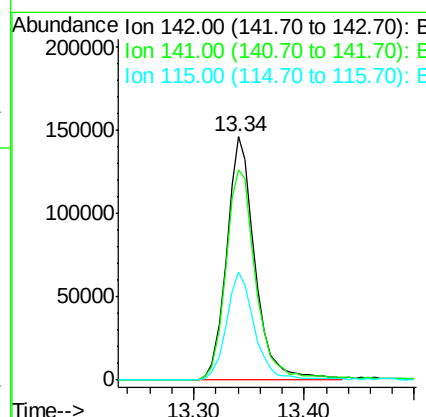
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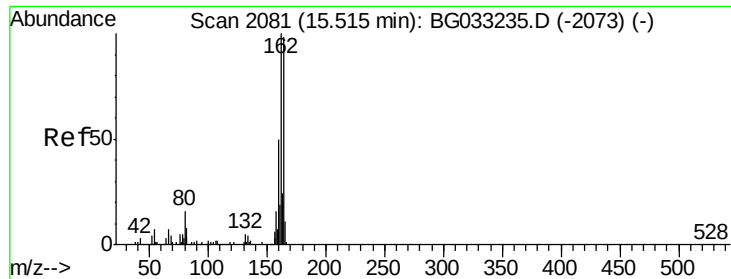
Sohil
 4/11/2018 5:18:22 PM



#37
 2-Methylnaphthalene
 Concen: 43.697 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.00 min
 Lab File: BG033714.D
 Acq: 10 Apr 2018 15:30

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	260504		
141	86.3	67.1	100.7	
115	44.4	30.7	46.1	





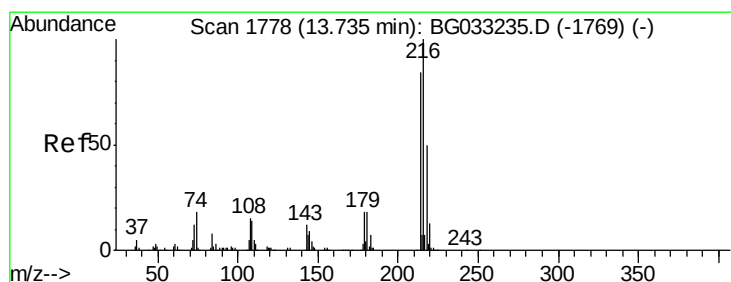
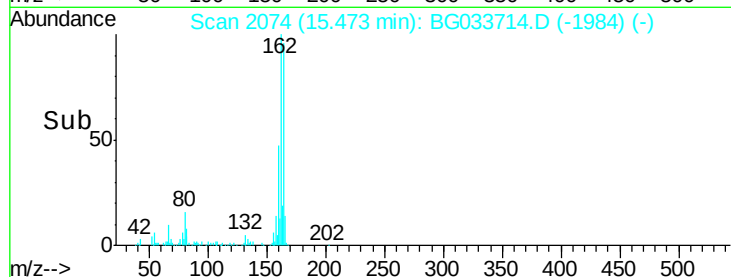
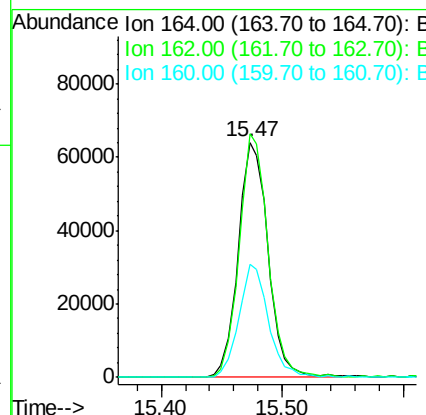
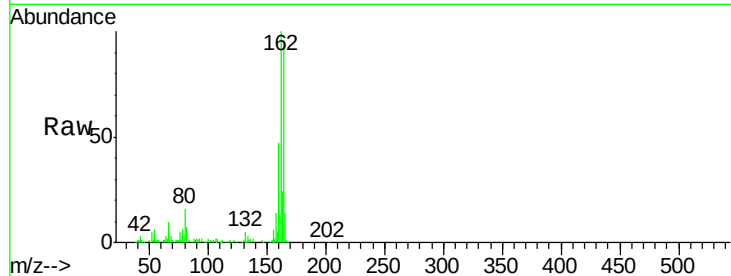
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.47 min Scan# 2074
Delta R.T. -0.00 min
Lab File: BG033714.D
Acq: 10 Apr 2018 15:30

Instrument :
BNA_G
ClientSampleId :
SB-1MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.7	78.8	118.2
160	48.3	35.4	53.0

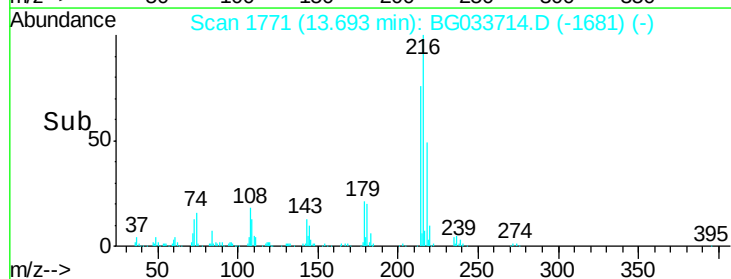
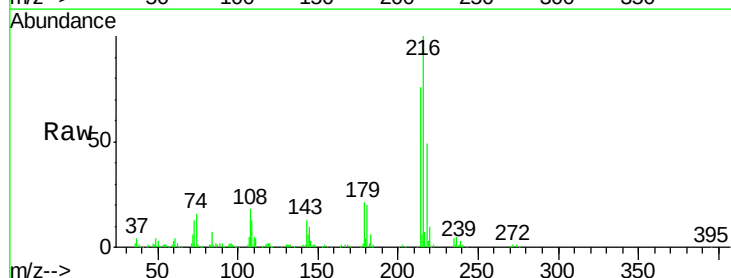
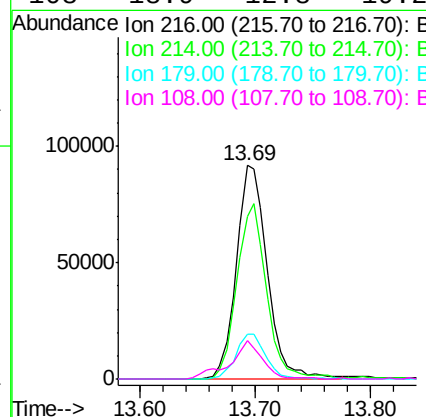
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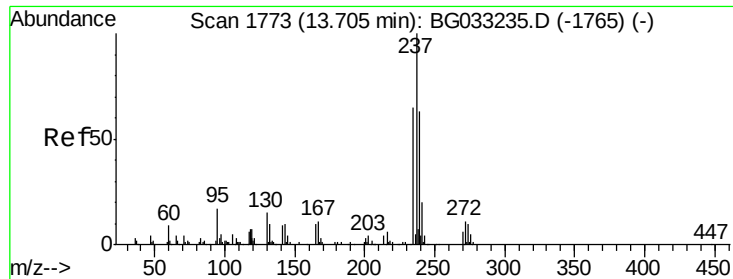
Sohil
4/11/2018 5:18:22 PM



#39
1,2,4,5-Tetrachlorobenzene
Concen: 42.462 ng
RT: 13.69 min Scan# 1771
Delta R.T. -0.00 min
Lab File: BG033714.D
Acq: 10 Apr 2018 15:30

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.3	63.0	94.4
179	20.5	17.0	25.6
108	18.9	12.8	19.2





#40

Hexachlorocyclopentadiene

Concen: 81.134 ng

RT: 13.66 min Scan# 1766

Delta R.T. -0.01 min

Lab File: BG033714.D

Acq: 10 Apr 2018 15:30

Instrument :

BNA_G

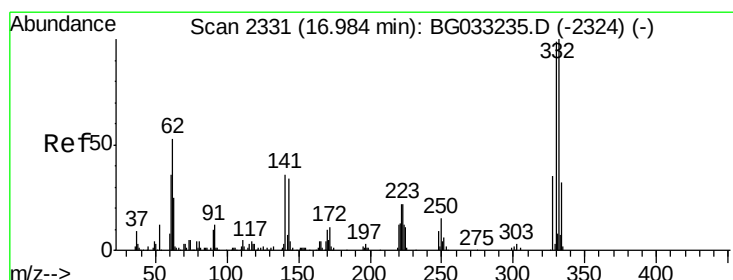
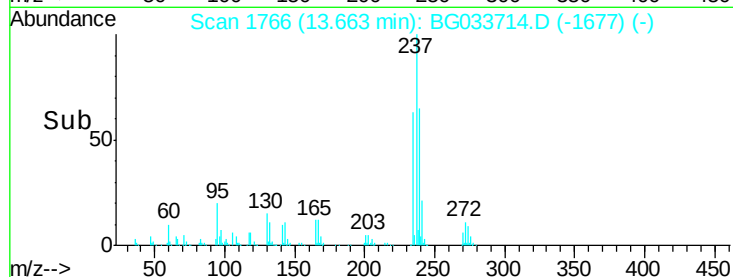
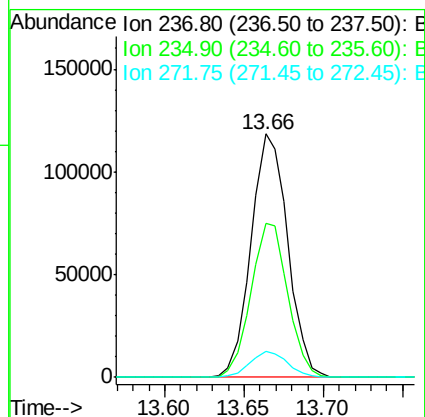
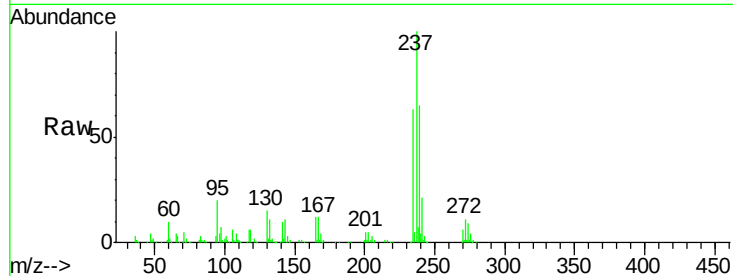
ClientSampleId :

SB-1MSD

Tot Ion:	237	Resp:	190320
Ion Ratio	Lower	Upper	
237	100		
235	63.3	50.4	90.4
272	10.7	0.0	31.8

Manual Integrations
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#41

2,4,6-Tribromophenol

Concen: 144.546 ng

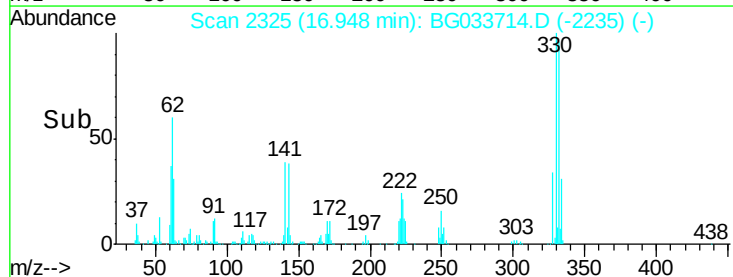
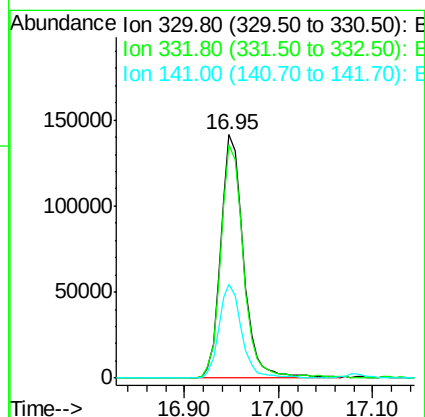
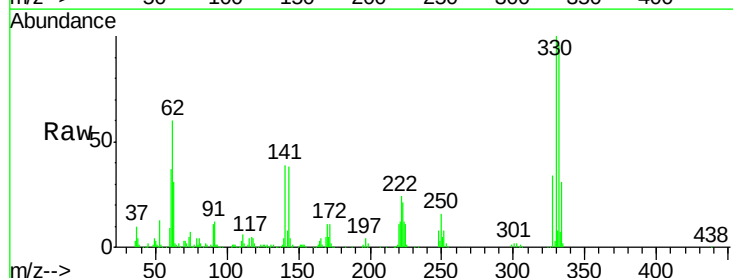
RT: 16.95 min Scan# 2325

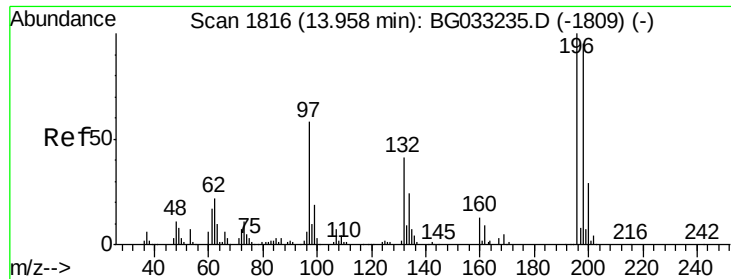
Delta R.T. -0.00 min

Lab File: BG033714.D

Acq: 10 Apr 2018 15:30

Tgt Ion:	330	Resp:	238816
Ion Ratio	Lower	Upper	
330	100		
332	96.6	77.0	115.6
141	38.8	25.2	37.8#





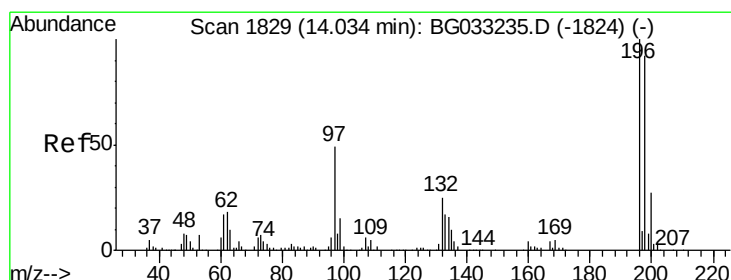
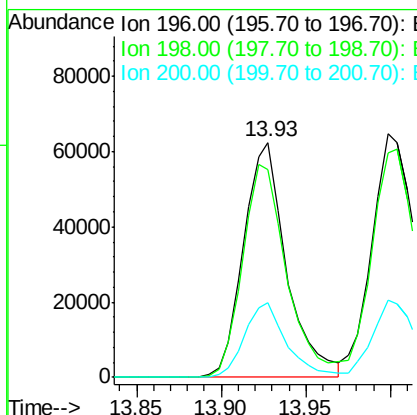
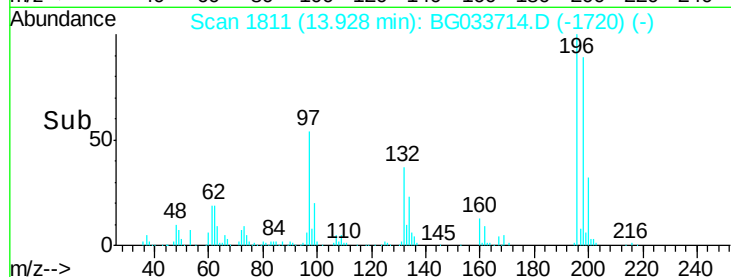
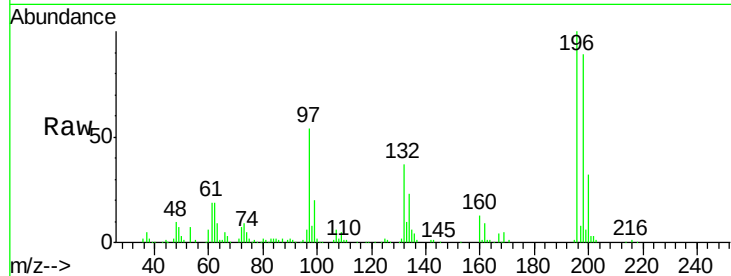
#42
2,4,6-Trichlorophenol
Concen: 47.358 ng
RT: 13.93 min Scan# 1811
Delta R.T. 0.01 min
Lab File: BG033714.D
Acq: 10 Apr 2018 15:30

Instrument :
BNA_G
ClientSampleId :
SB-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	110101		
198	88.7	78.2	117.2	
200	31.7	24.6	36.8	

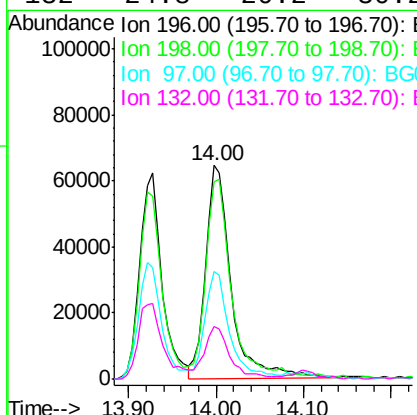
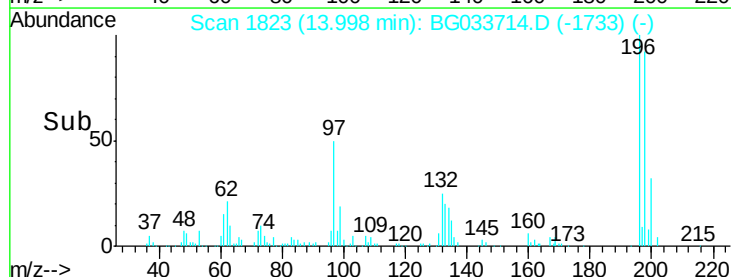
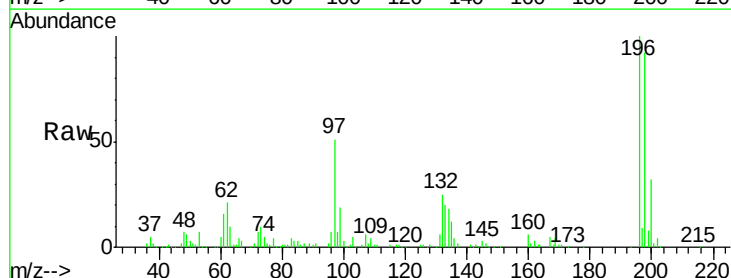
Manual Integrations
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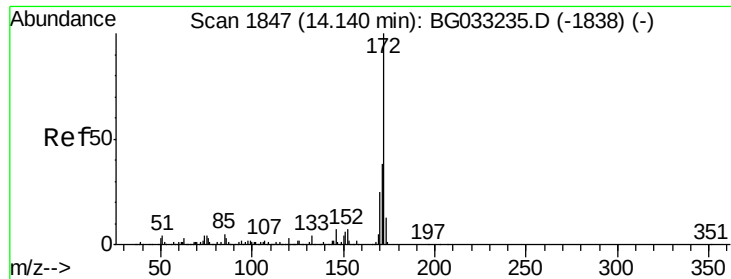
Sohil
4/11/2018 5:18:22 PM



#43
2,4,5-Trichlorophenol
Concen: 47.321 ng
RT: 14.00 min Scan# 1823
Delta R.T. -0.00 min
Lab File: BG033714.D
Acq: 10 Apr 2018 15:30

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	130037		
198	92.4	76.2	114.4	
97	50.6	38.7	58.1	
132	24.8	20.2	30.2	





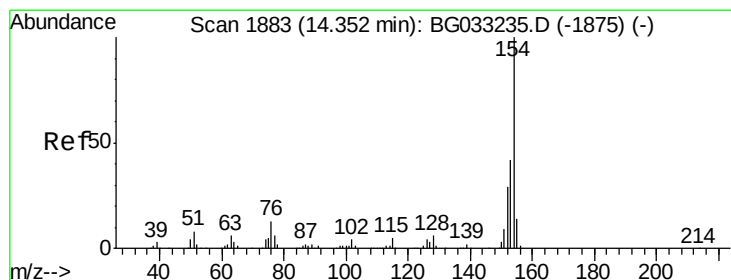
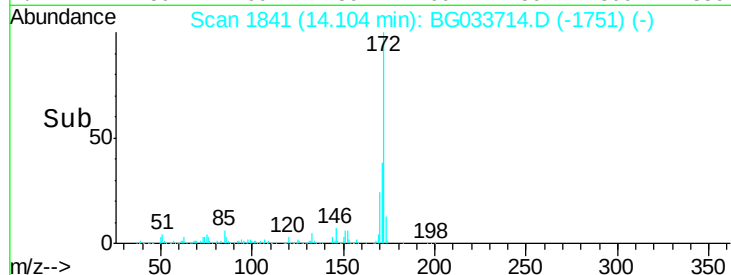
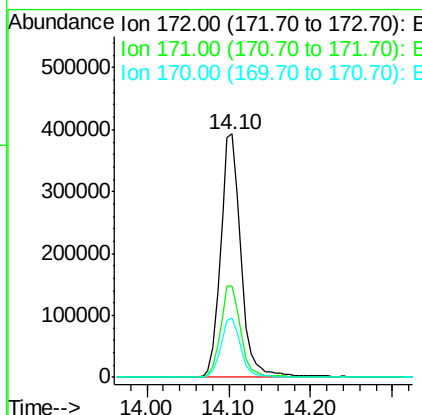
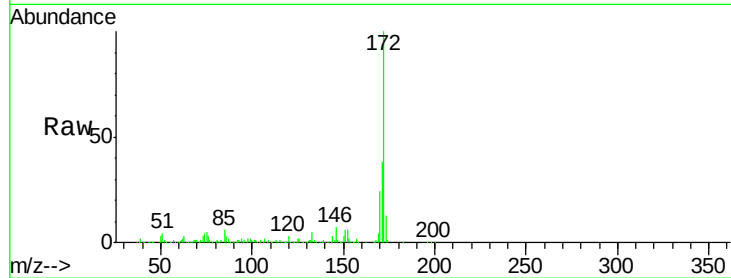
#44
2-Fluorobiphenyl
Concen: 88.890 ng
RT: 14.10 min Scan# 1841
Delta R.T. -0.00 min
Lab File: BG033714.D
Acq: 10 Apr 2018 15:30

Instrument :
BNA_G
ClientSampleId :
SB-1MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.7	30.0	45.0
170	24.4	19.5	29.3

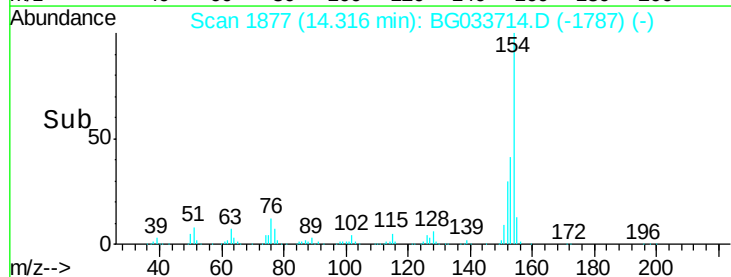
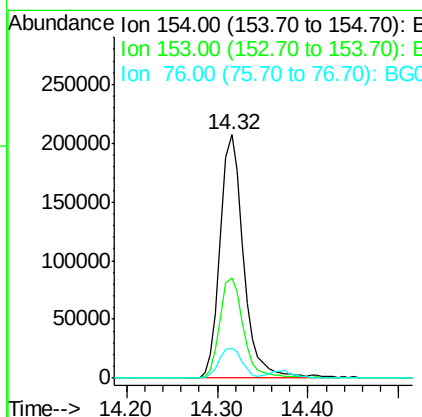
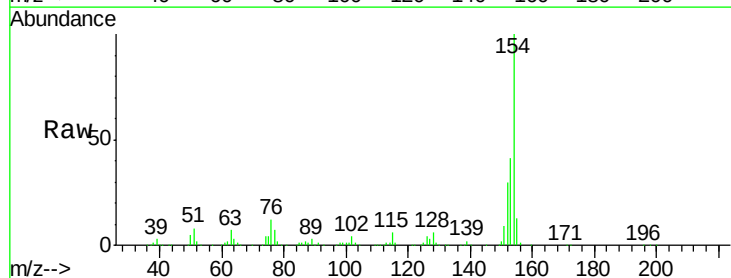
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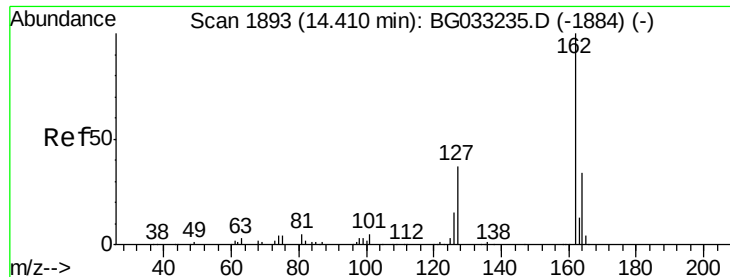
Sohil
4/11/2018 5:18:22 PM



#45
1,1'-Biphenyl
Concen: 43.841 ng
RT: 14.32 min Scan# 1877
Delta R.T. -0.00 min
Lab File: BG033714.D
Acq: 10 Apr 2018 15:30

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.1	19.8	59.8
76	12.5	0.0	31.9





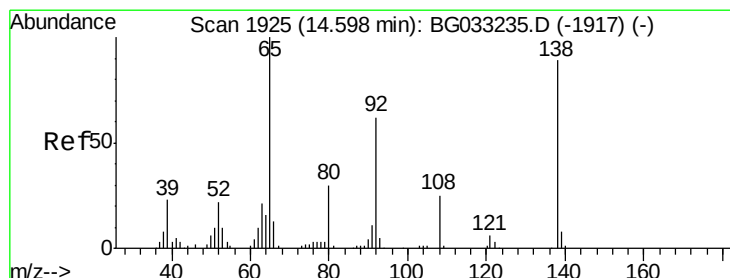
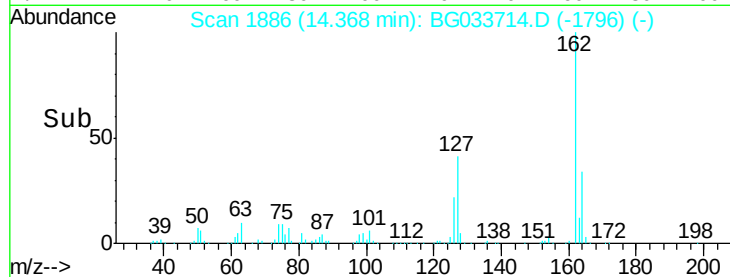
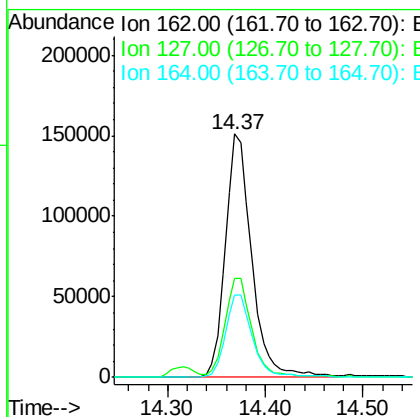
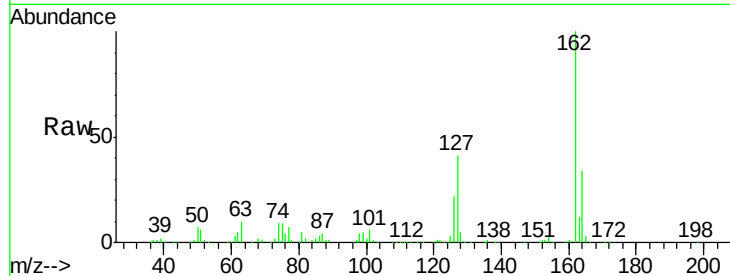
#46
 2-Chloronaphthalene
 Concen: 43.240 ng
 RT: 14.37 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: BG033714.D
 Acq: 10 Apr 2018 15:30

Instrument :
 BNA_G
 ClientSampleId :
 SB-1MSD

Tot Ion:	162	Resp:	282960
Ion Ratio	Lower	Upper	
162	100		
127	40.7	30.7	46.1
164	34.1	26.0	39.0

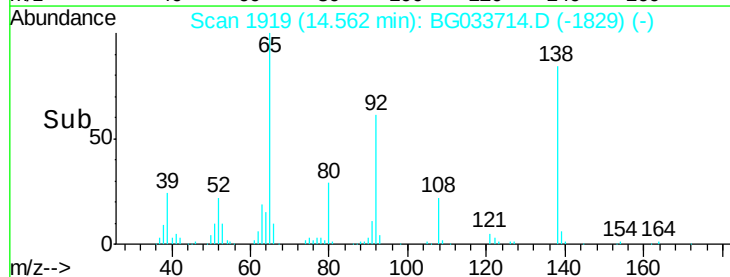
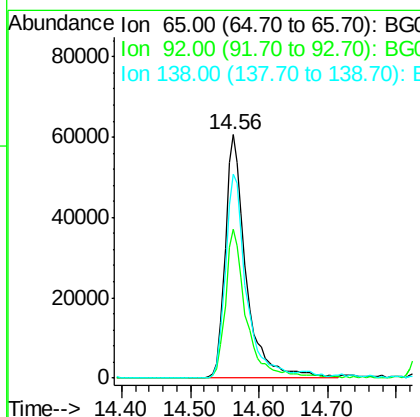
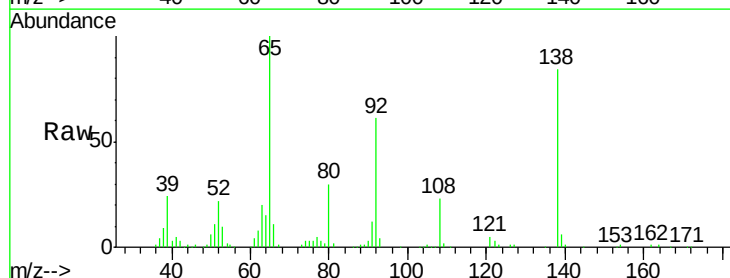
Manual Integrations
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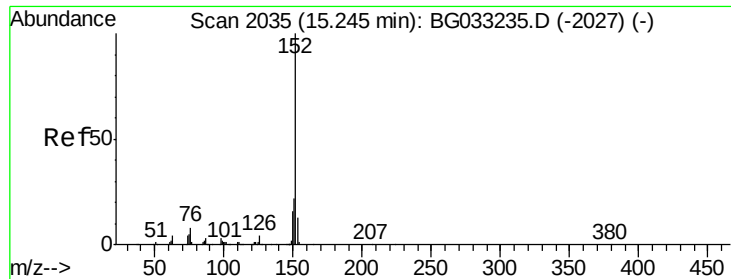
Sohil
 4/11/2018 5:18:22 PM



#47
 2-Nitroaniline
 Concen: 52.460 ng
 RT: 14.56 min Scan# 1919
 Delta R.T. -0.00 min
 Lab File: BG033714.D
 Acq: 10 Apr 2018 15:30

Tgt Ion:	65	Resp:	128583
Ion Ratio	Lower	Upper	
65	100		
92	61.2	54.6	82.0
138	83.7	72.9	109.3





#48

Acenaphthylene

Concen: 44.116 ng

RT: 15.21 min Scan# 2029

Delta R.T. 0.01 min

Lab File: BG033714.D

Acq: 10 Apr 2018 15:30

Instrument :

BNA_G

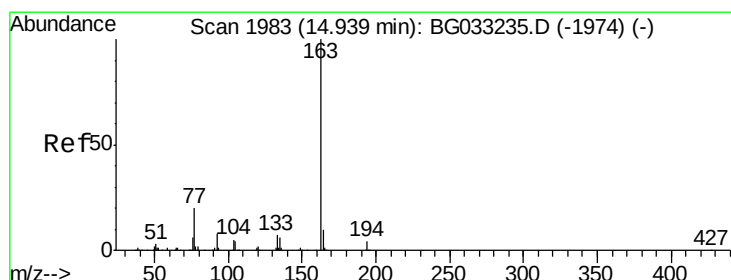
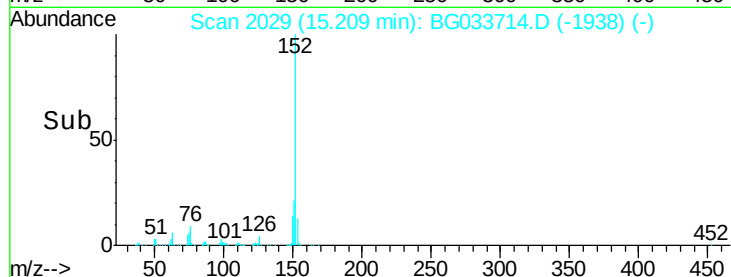
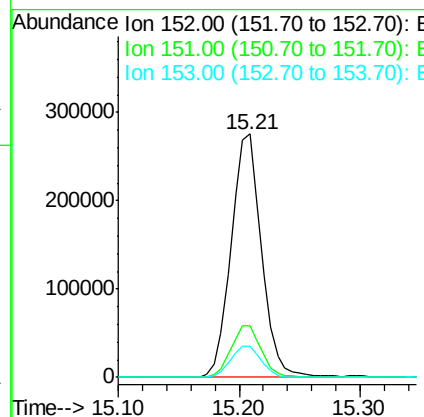
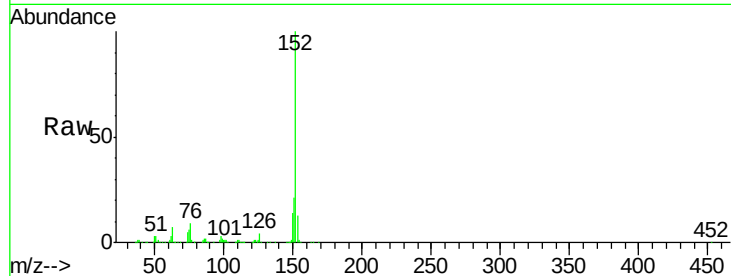
ClientSampleId :

SB-1MSD

Tot Ion:	152	Resp:	481875
Ion Ratio	Lower	Upper	
152	100		
151	21.0	17.2	25.8
153	12.7	10.2	15.4

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#49

Dimethylphthalate

Concen: 52.506 ng

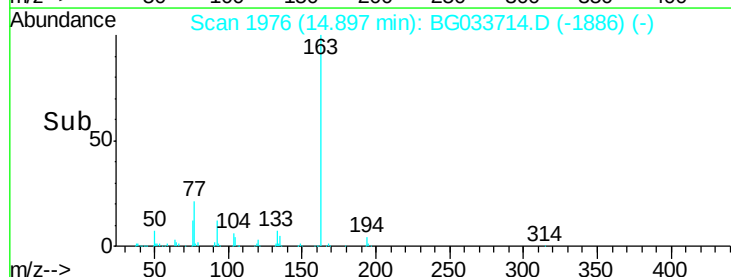
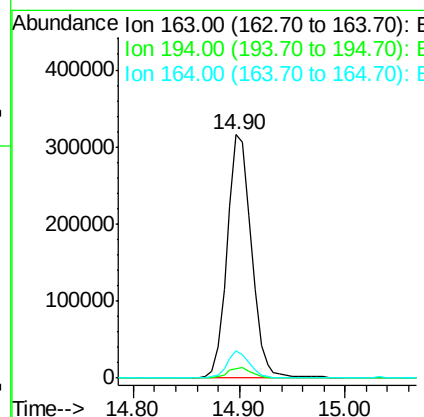
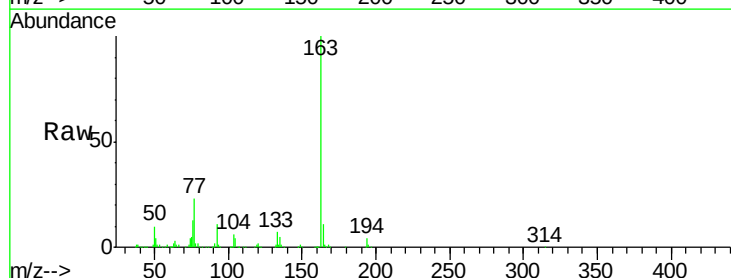
RT: 14.90 min Scan# 1976

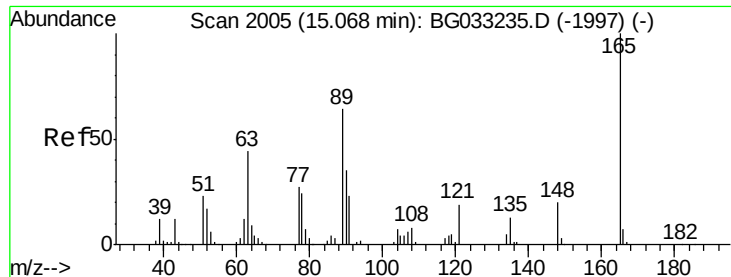
Delta R.T. -0.00 min

Lab File: BG033714.D

Acq: 10 Apr 2018 15:30

Tgt Ion:	163	Resp:	504775
Ion Ratio	Lower	Upper	
163	100		
194	4.0	3.4	5.2
164	11.1	8.2	12.4





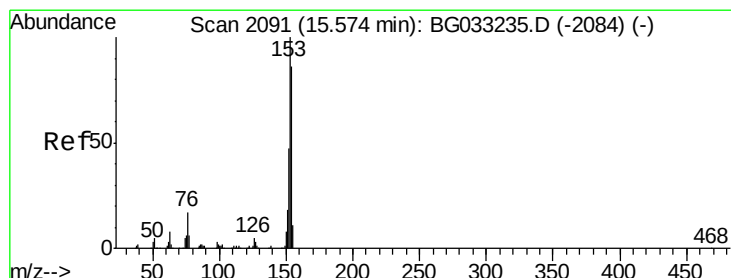
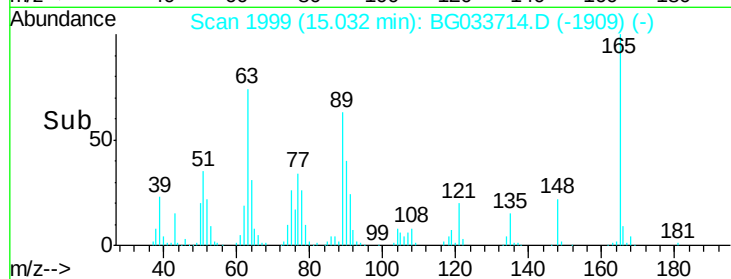
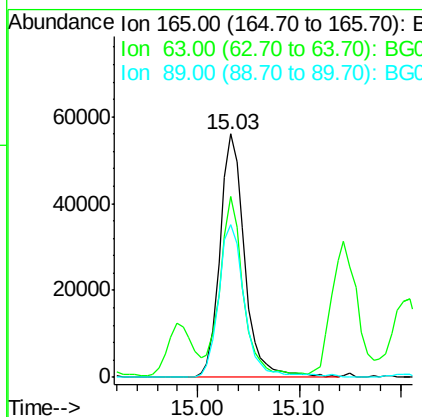
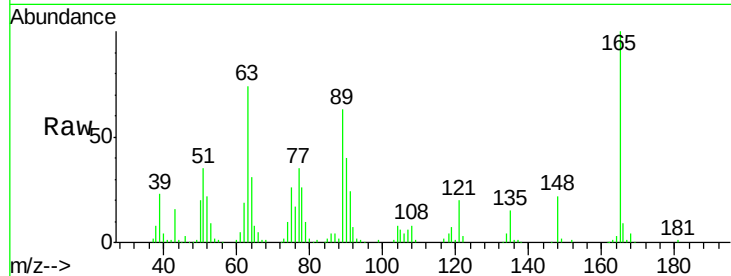
#50
 2,6-Dinitrotoluene
 Concen: 48.134 ng
 RT: 15.03 min Scan# 1999
 Delta R.T. -0.00 min
 Lab File: BG033714.D
 Acq: 10 Apr 2018 15:30

Instrument :
 BNA_G
 ClientSampleId :
 SB-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	94619		
63	74.3	52.7	79.1	
89	62.8	49.2	73.8	

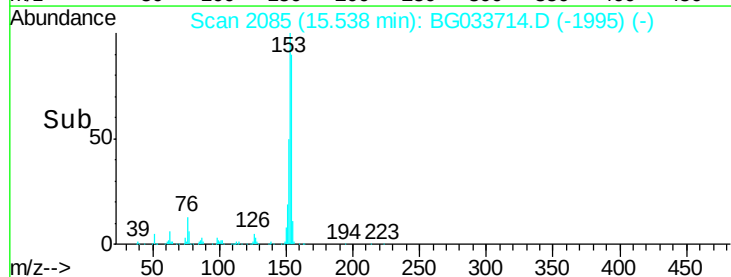
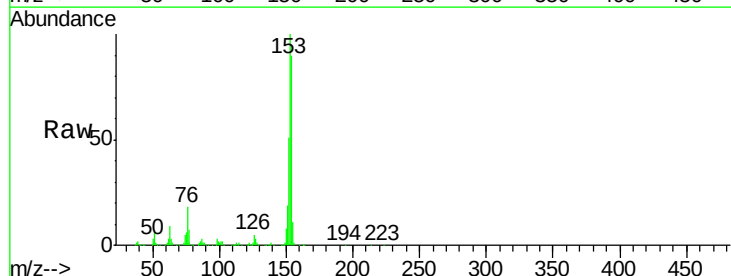
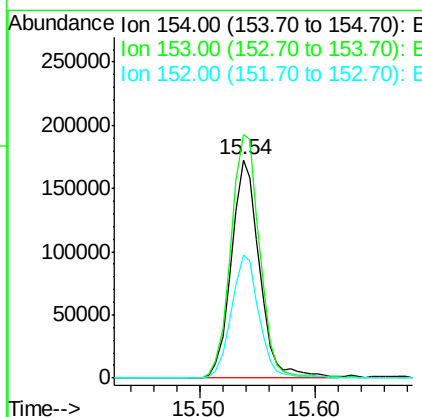
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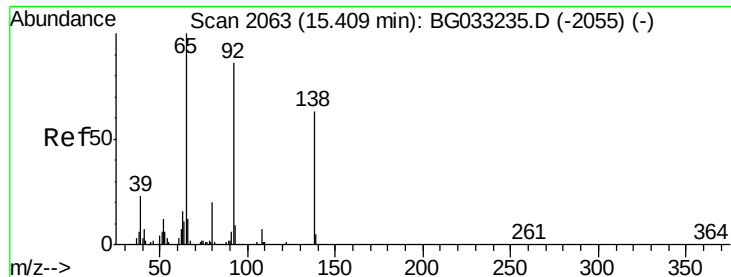
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#51
 Acenaphthene
 Concen: 41.494 ng
 RT: 15.54 min Scan# 2085
 Delta R.T. -0.00 min
 Lab File: BG033714.D
 Acq: 10 Apr 2018 15:30

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	292176		
153	111.5	90.4	135.6	
152	56.4	41.6	62.4	





#52

3-Nitroaniline

Concen: 26.255 ng

RT: 15.37 min Scan# 2057

Delta R.T. -0.00 min

Lab File: BG033714.D

Acq: 10 Apr 2018 15:30

Instrument :

BNA_G

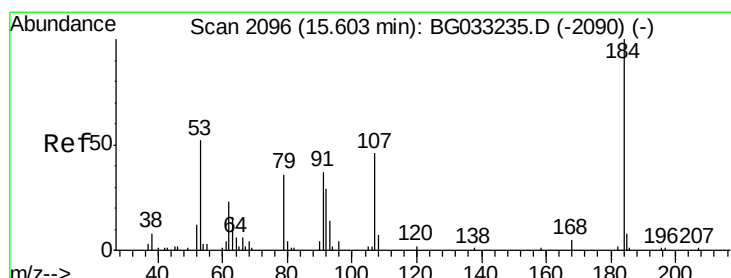
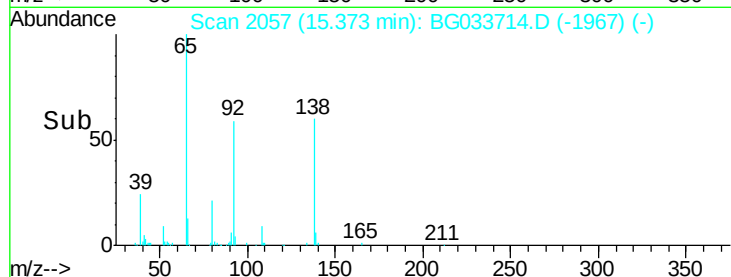
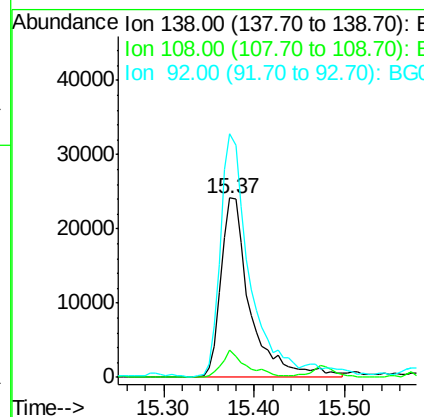
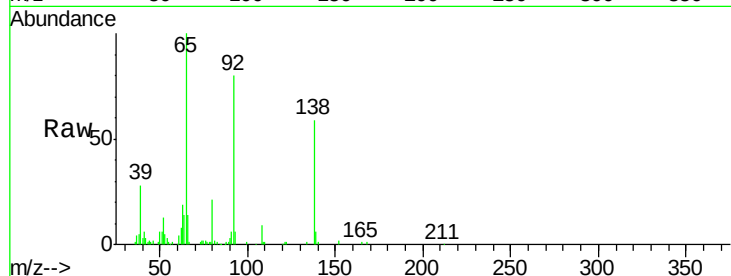
ClientSampleId :

SB-1MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	15.5	17.5	26.3#
92	135.7	105.8	158.8

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#53

2,4-Dinitrophenol

Concen: 17.564 ng

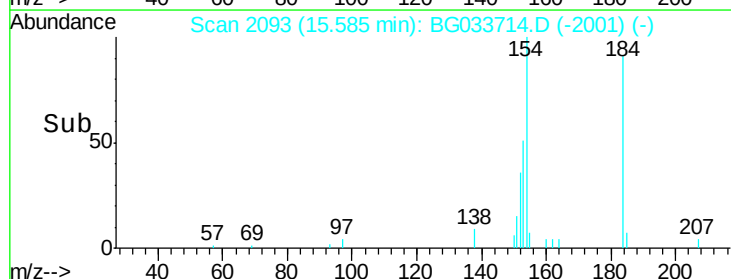
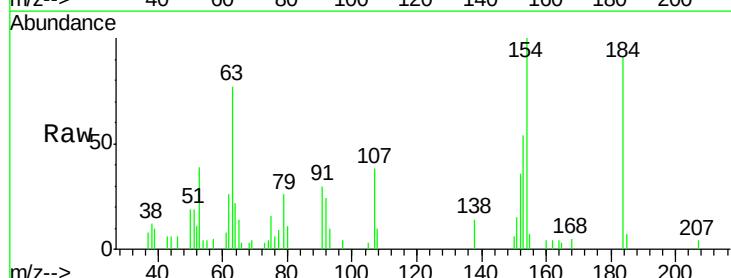
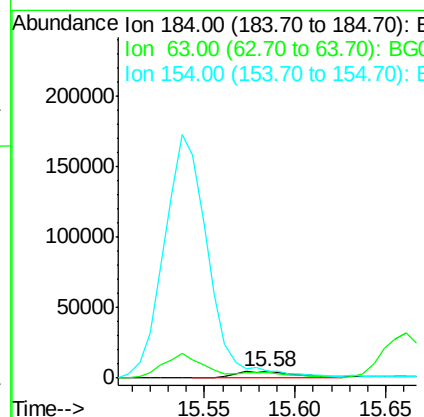
RT: 15.58 min Scan# 2093

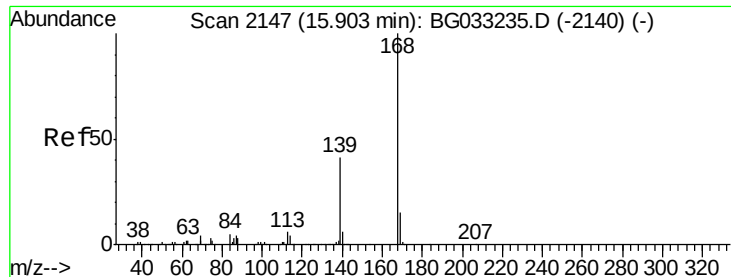
Delta R.T. 0.01 min

Lab File: BG033714.D

Acq: 10 Apr 2018 15:30

Tgt Ion	Ratio	Lower	Upper
184	100		
63	84.7	59.8	89.8
154	109.6	101.8	152.8





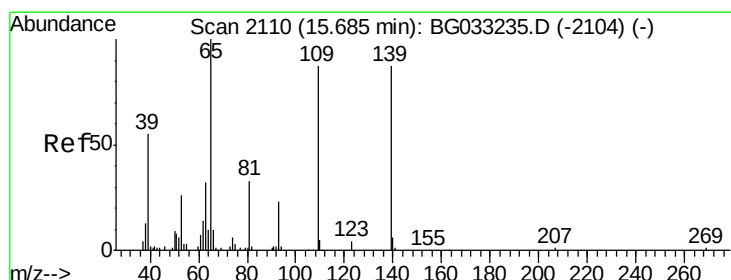
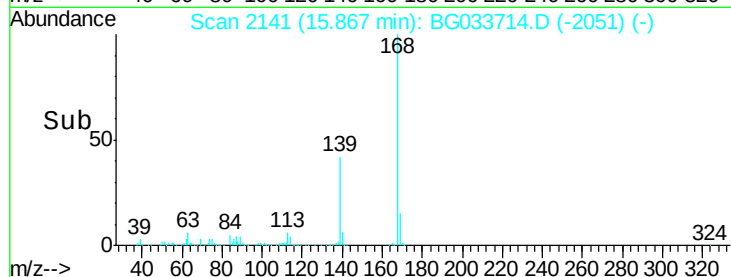
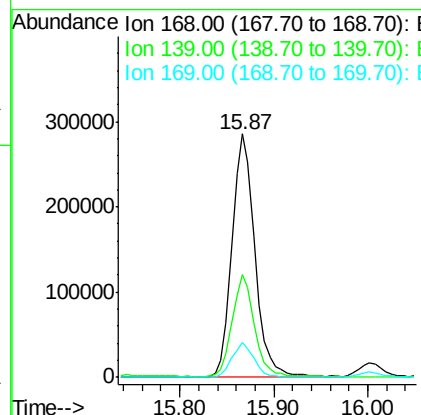
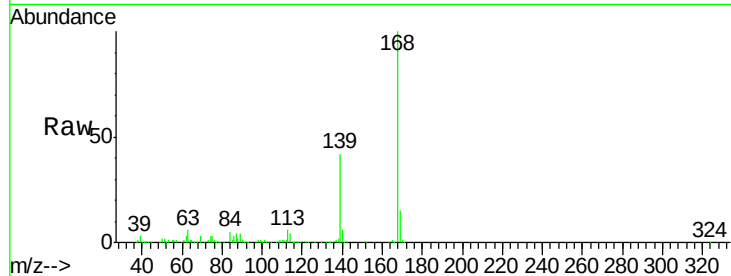
#54
Dibenzenofuran
Concen: 46.566 ng
RT: 15.87 min Scan# 2141
Delta R.T. -0.00 min
Lab File: BG033714.D
Acq: 10 Apr 2018 15:30

Instrument :
BNA_G
ClientSampleId :
SB-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
168	100	484335		
139	42.3		28.6	43.0
169	14.6		11.2	16.8

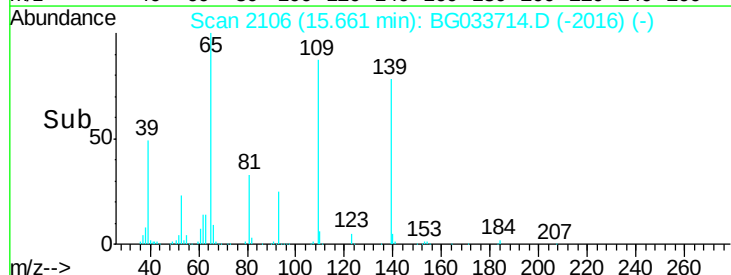
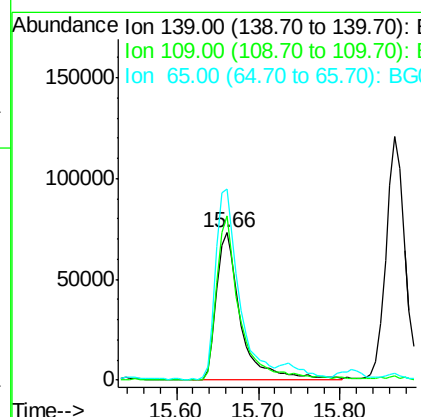
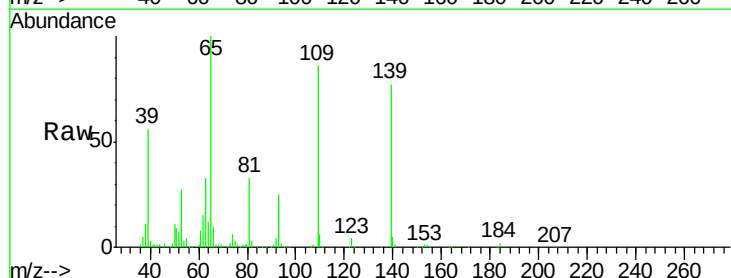
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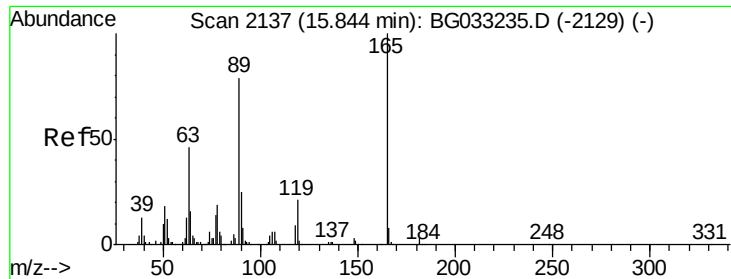
Sohil
4/11/2018 5:18:22 PM



#55
4-Nitrophenol
Concen: 105.586 ng
RT: 15.66 min Scan# 2106
Delta R.T. -0.00 min
Lab File: BG033714.D
Acq: 10 Apr 2018 15:30

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	153010		
109	111.6		62.2	102.2#
65	129.3		97.2	137.2





#56

2,4-Dinitrotoluene

Concen: 48.947 ng

RT: 15.81 min Scan# 2132

Delta R.T. -0.00 min

Lab File: BG033714.D

Acq: 10 Apr 2018 15:30

Instrument :

BNA_G

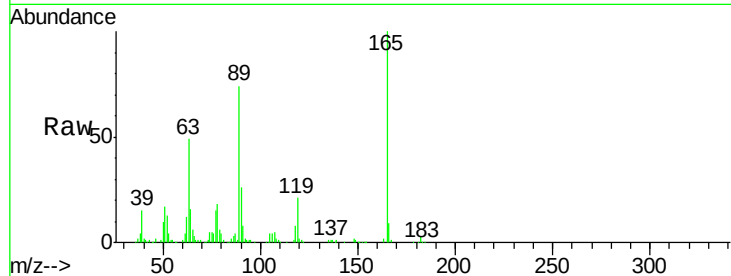
ClientSampled :

SB-1MSD

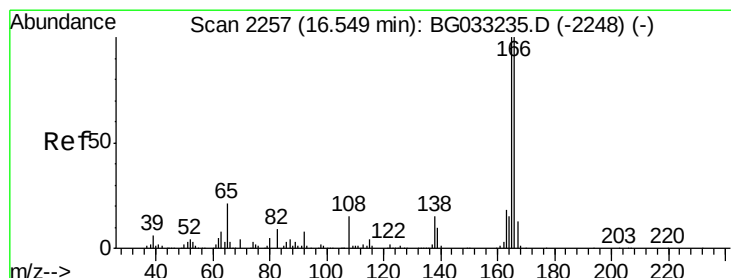
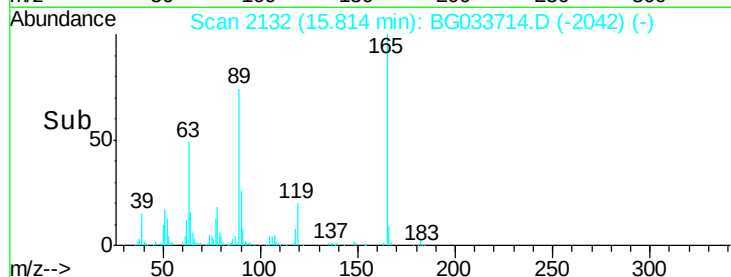
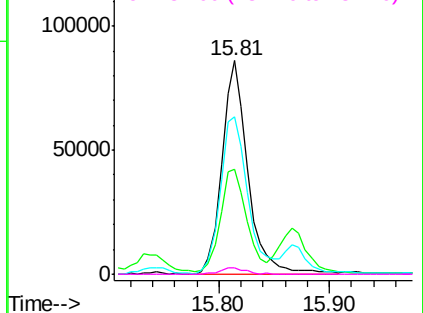
Tot Ion:	165	Resp:	141669
Ion Ratio	Lower	Upper	
165	100		
63	49.2	42.0	63.0
89	73.5	66.9	100.3
182	3.0	2.6	3.8

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Abundance Ion 165.00 (164.70 to 165.70): E



#57

Fluorene

Concen: 45.045 ng

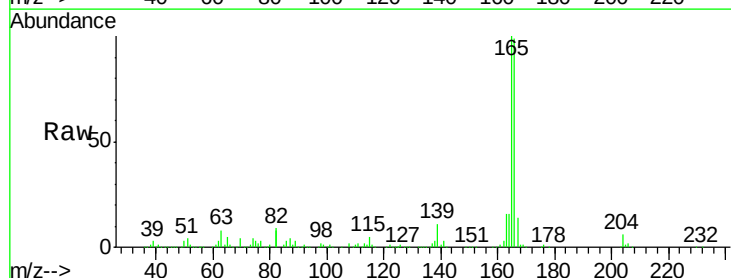
RT: 16.51 min Scan# 2250

Delta R.T. -0.01 min

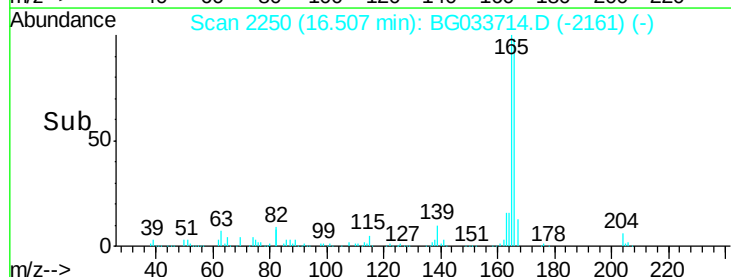
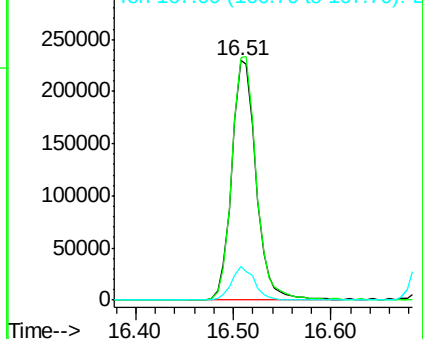
Lab File: BG033714.D

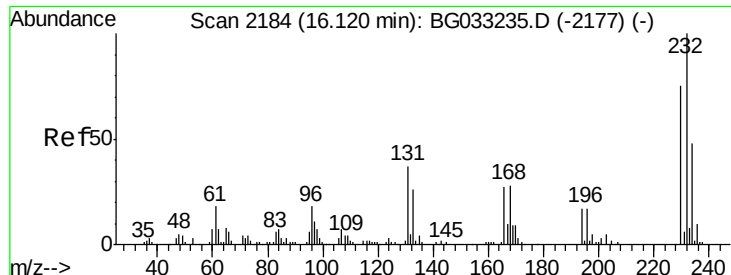
Acq: 10 Apr 2018 15:30

Tgt Ion:	166	Resp:	399137
Ion Ratio	Lower	Upper	
166	100		
165	101.1	80.6	121.0
167	13.9	10.4	15.6



Abundance Ion 166.00 (165.70 to 166.70): E





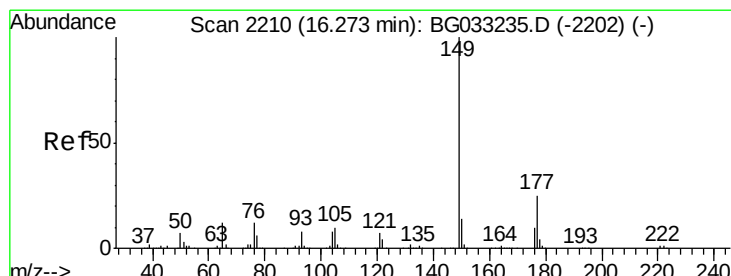
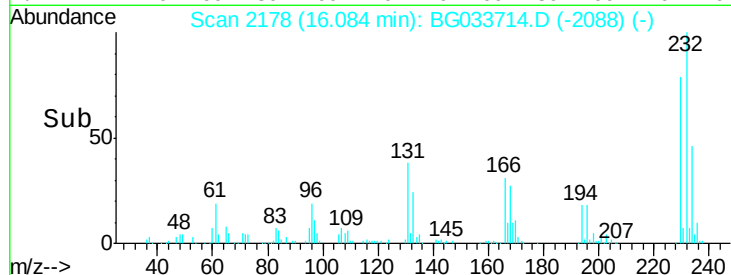
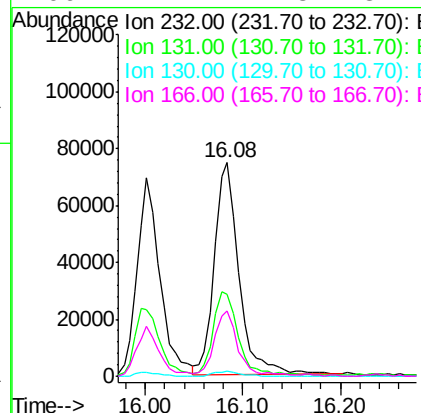
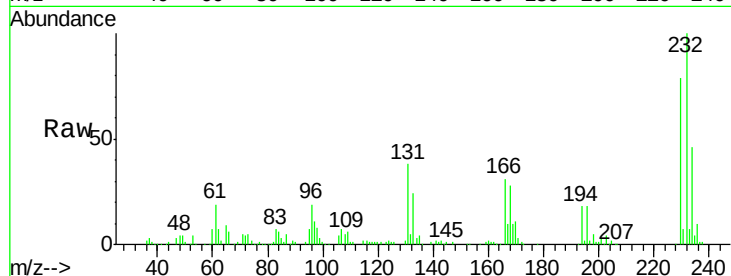
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 50.968 ng
 RT: 16.08 min Scan# 2178
 Delta R.T. -0.00 min
 Lab File: BG033714.D
 Acq: 10 Apr 2018 15:30

Instrument :
 BNA_G
 ClientSampled :
 SB-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	131853		
131	40.2	33.5	50.3	
130	2.5	2.2	3.2	
166	27.7	24.8	37.2	

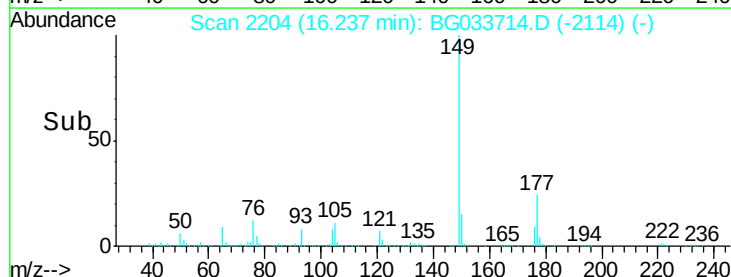
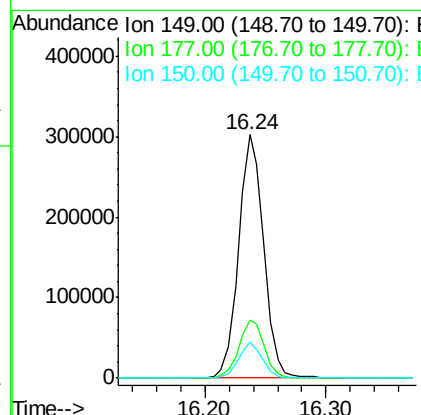
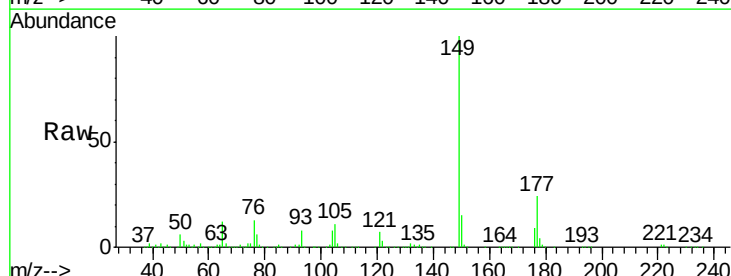
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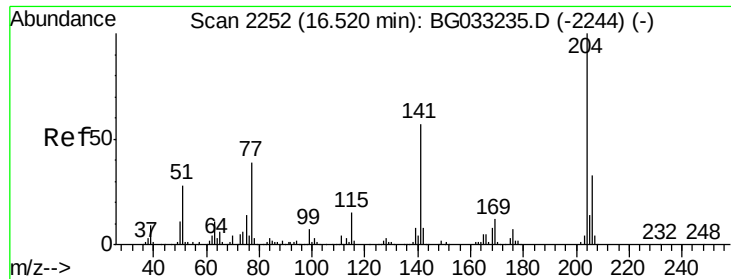
Sohil
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#59
 Diethylphthalate
 Concen: 46.808 ng
 RT: 16.24 min Scan# 2204
 Delta R.T. -0.00 min
 Lab File: BG033714.D
 Acq: 10 Apr 2018 15:30

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	436961		
177	24.0	18.5	27.7	
150	14.7	10.2	15.2	





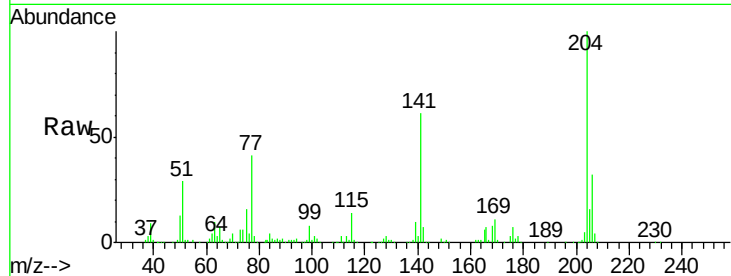
#60
 4-Chlorophenyl-phenylether
 Concen: 44.048 ng
 RT: 16.48 min Scan# 2246
 Delta R.T. -0.00 min
 Lab File: BG033714.D
 Acq: 10 Apr 2018 15:30

Instrument :
 BNA_G
 ClientSampleId :
 SB-1MSD

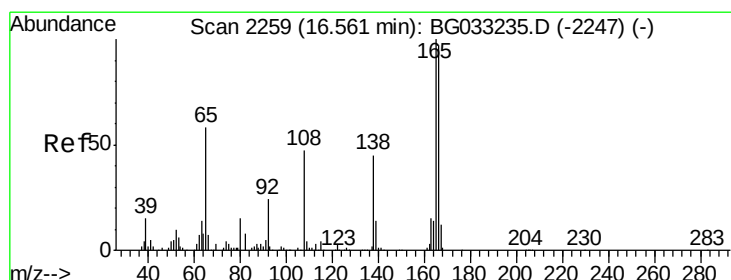
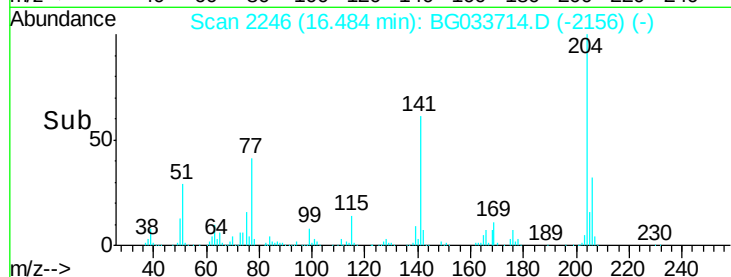
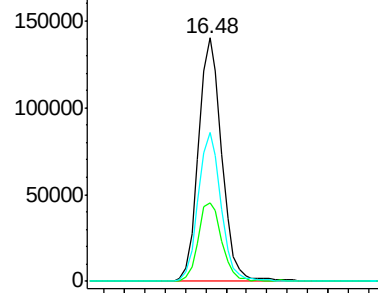
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.5	26.2	39.2
141	61.4	45.8	68.6

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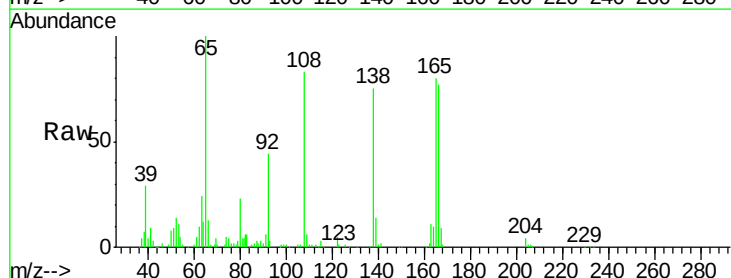


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

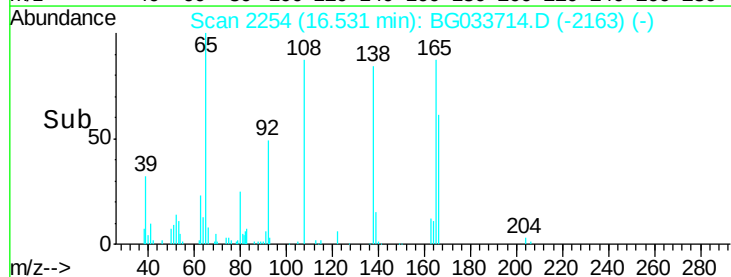
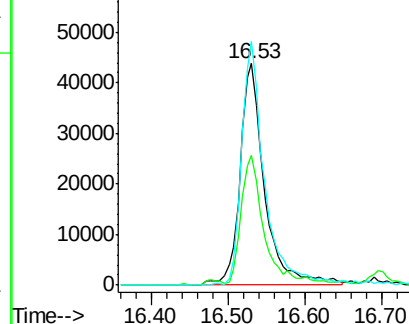


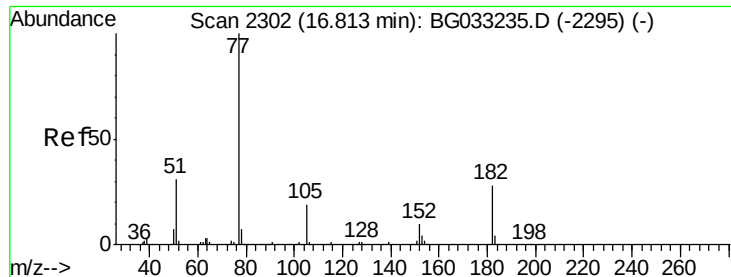
#61
 4-Nitroaniline
 Concen: 47.003 ng
 RT: 16.53 min Scan# 2254
 Delta R.T. 0.01 min
 Lab File: BG033714.D
 Acq: 10 Apr 2018 15:30

Tgt Ion	Ratio	Lower	Upper
138	100		
92	58.7	40.1	80.1
108	109.8	65.4	105.4#



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BG
 Ion 108.00 (107.70 to 108.70): E





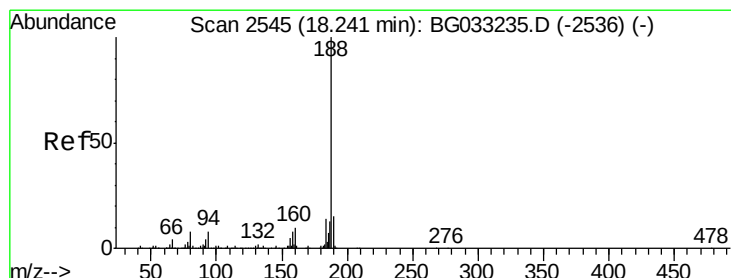
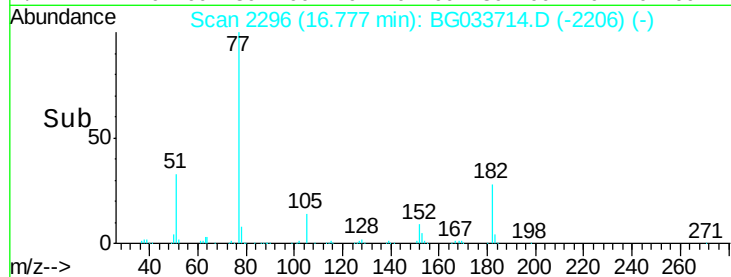
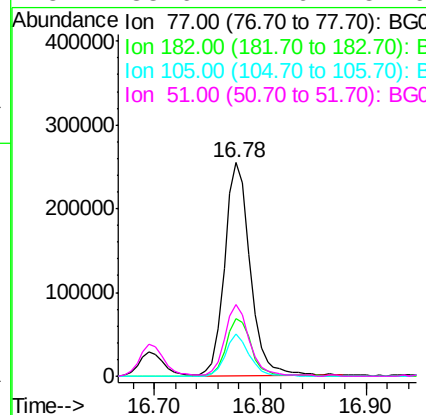
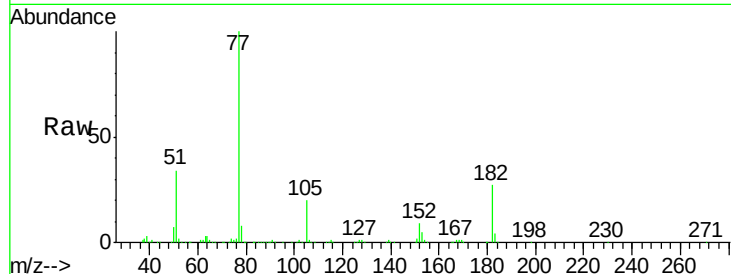
#62
Azobenzene
Concen: 47.124 ng
RT: 16.78 min Scan# 2296
Delta R.T. -0.00 min
Lab File: BG033714.D
Acq: 10 Apr 2018 15:30

Instrument :
BNA_G
ClientSampleId :
SB-1MSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	26.9	7.4	47.4
105	19.8	0.3	40.3
51	33.6	11.6	51.6

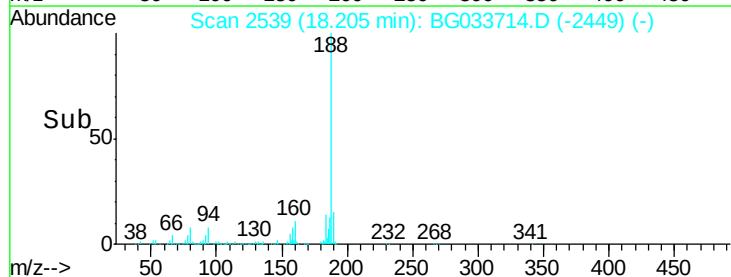
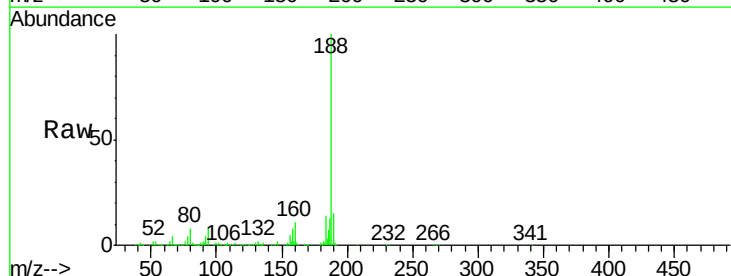
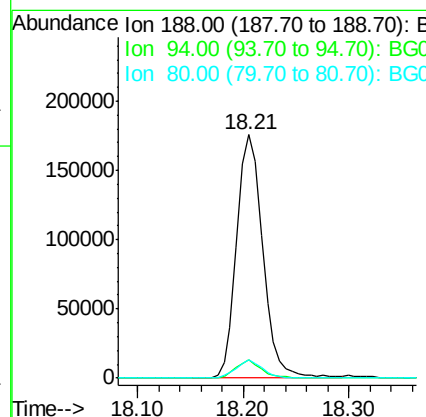
Manual Integrations
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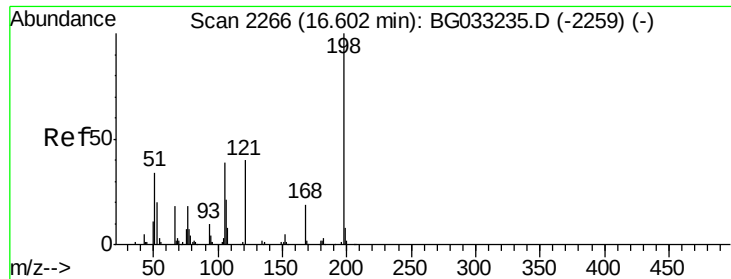
Sohil
4/11/2018 5:18:22 PM



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2539
Delta R.T. -0.00 min
Lab File: BG033714.D
Acq: 10 Apr 2018 15:30

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.6	6.9	10.3
80	7.5	7.7	11.5#





#64

4,6-Dinitro-2-methylphenol

Concen: 36.077 ng

RT: 16.57 min Scan# 2261

Delta R.T. -0.00 min

Lab File: BG033714.D

Acq: 10 Apr 2018 15:30

Instrument :

BNA_G

ClientSampled :

SB-1MSD

Tot Ion:198 Resp: 65002

Ion Ratio Lower Upper

198 100

51 50.7 30.6 70.6

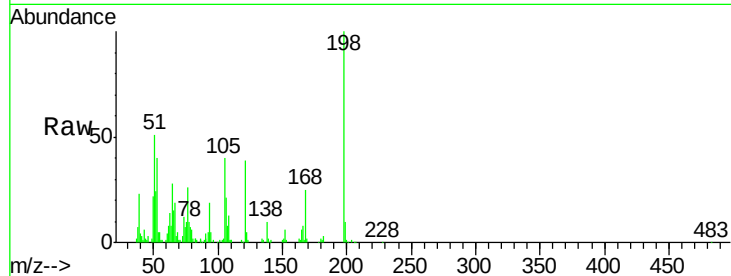
105 39.9 23.8 63.8

Manual Integrations

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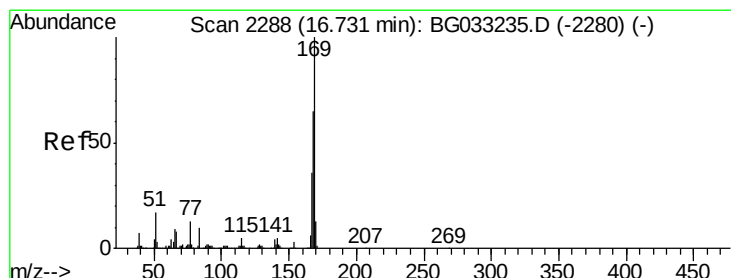
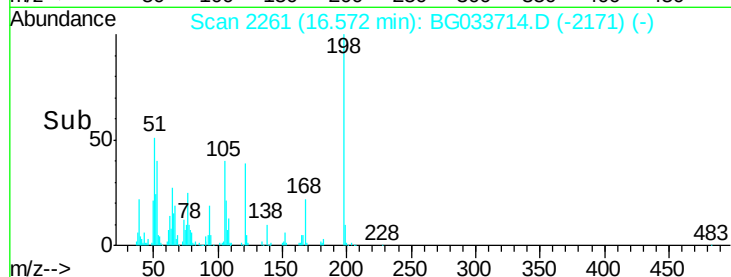
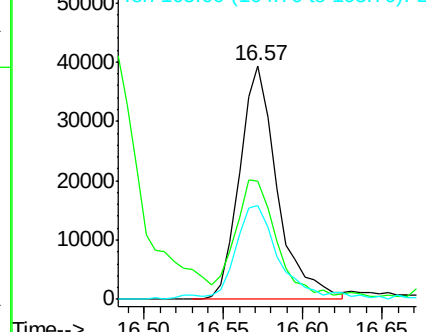
4/11/2018 5:18:22 PM



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 43.819 ng

RT: 16.70 min Scan# 2282

Delta R.T. -0.00 min

Lab File: BG033714.D

Acq: 10 Apr 2018 15:30

Tgt Ion:169 Resp: 376772

Ion Ratio Lower Upper

169 100

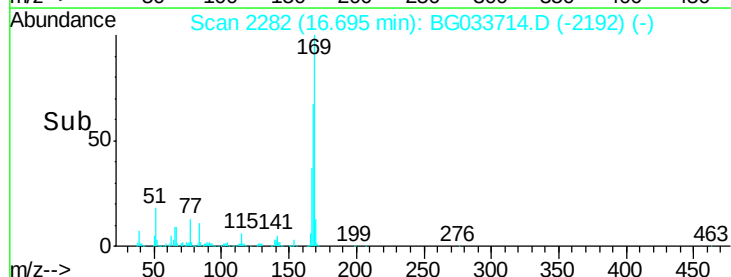
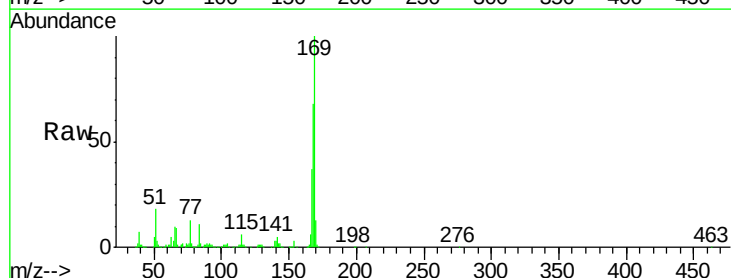
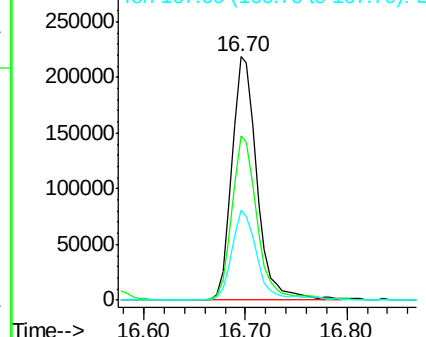
168 67.6 55.7 83.5

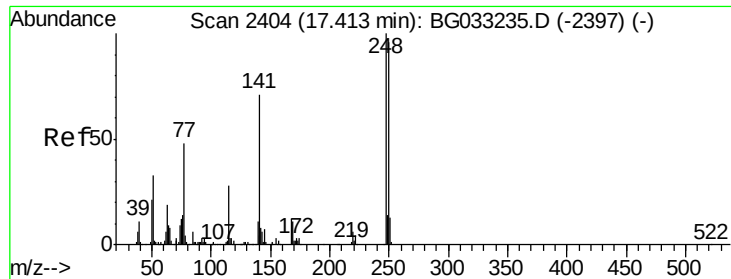
167 36.8 30.1 45.1

Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





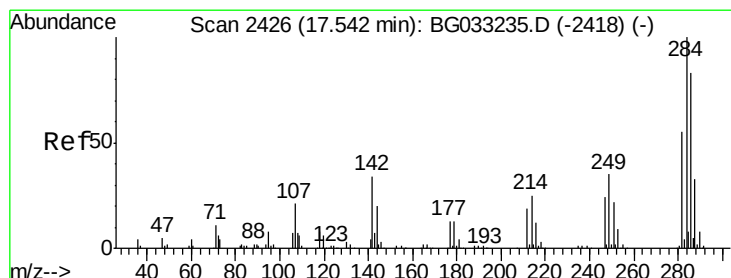
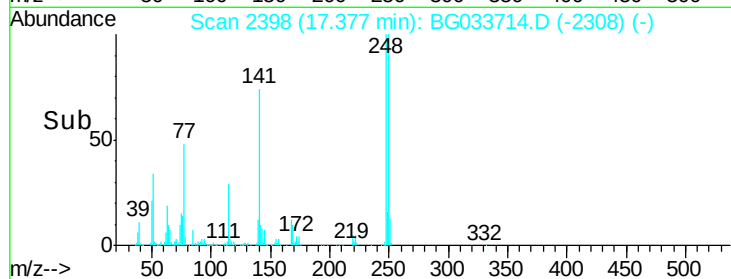
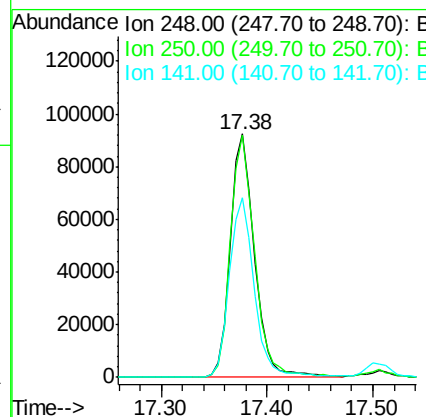
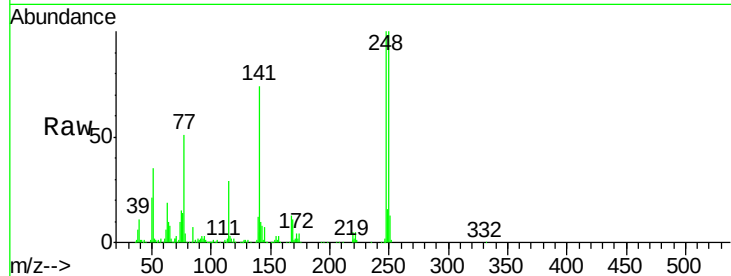
#66
4-Bromophenyl-phenylether
Concen: 41.395 ng
RT: 17.38 min Scan# 2398
Delta R.T. -0.00 min
Lab File: BG033714.D
Acq: 10 Apr 2018 15:30

Instrument :
BNA_G
ClientSampleId :
SB-1MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.7	77.1	115.7
141	73.6	50.8	76.2

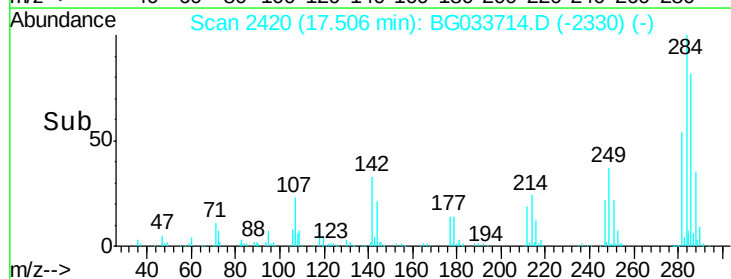
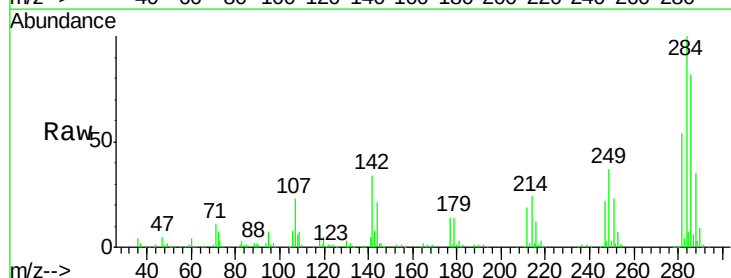
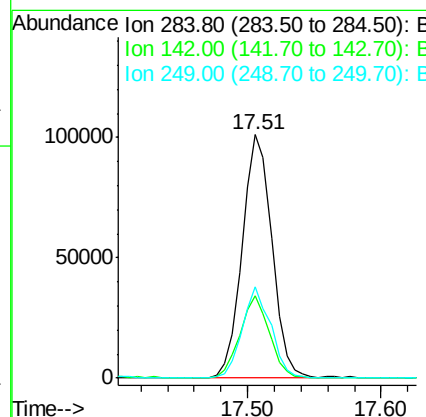
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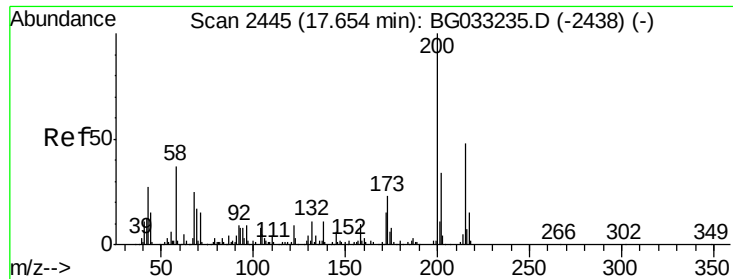
Sohil
4/11/2018 5:18:22 PM



#67
Hexachlorobenzene
Concen: 41.841 ng
RT: 17.51 min Scan# 2420
Delta R.T. -0.00 min
Lab File: BG033714.D
Acq: 10 Apr 2018 15:30

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.8	26.8	40.2
249	37.3	26.3	39.5





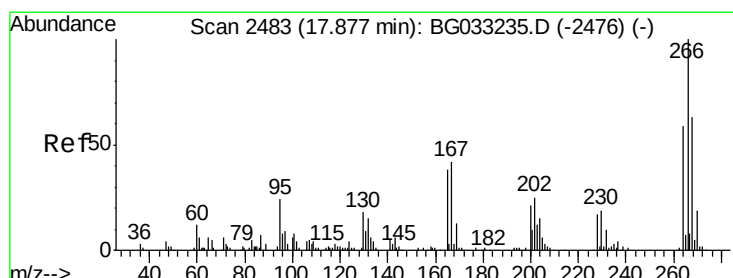
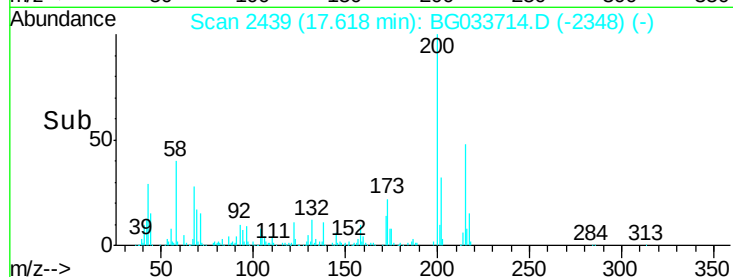
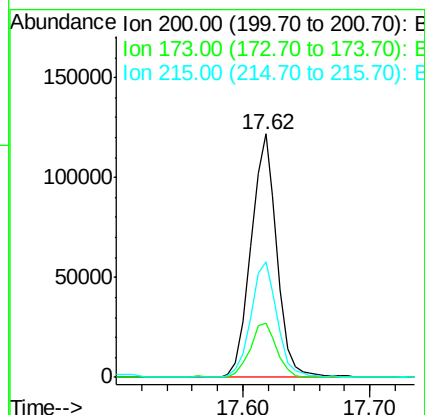
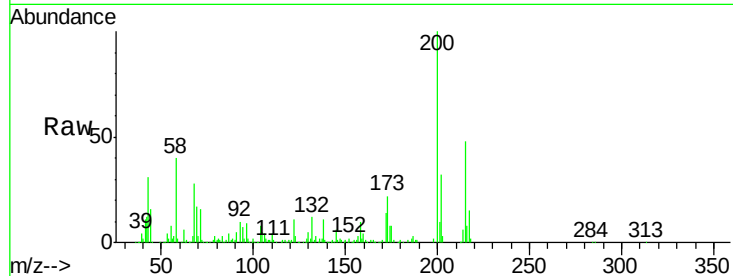
#68
Atrazine
Concen: 49.641 ng
RT: 17.62 min Scan# 2439
Delta R.T. 0.01 min
Lab File: BG033714.D
Acq: 10 Apr 2018 15:30

Instrument :
BNA_G
ClientSampleId :
SB-1MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	22.4	5.2	45.2
215	47.6	30.4	70.4

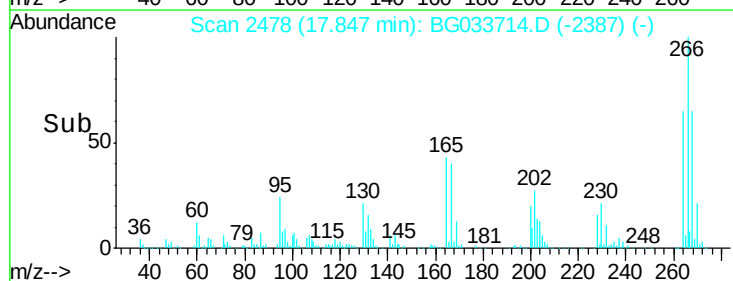
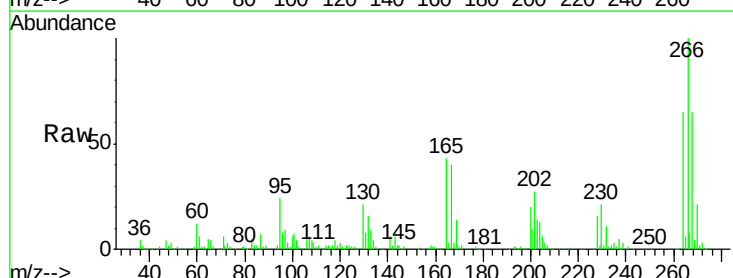
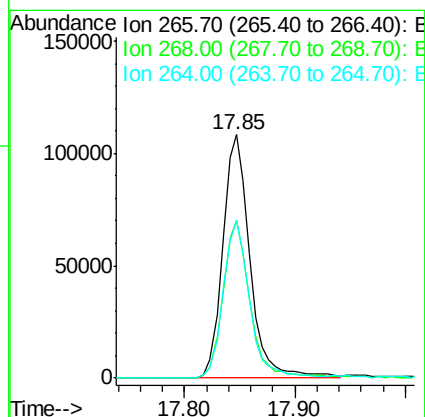
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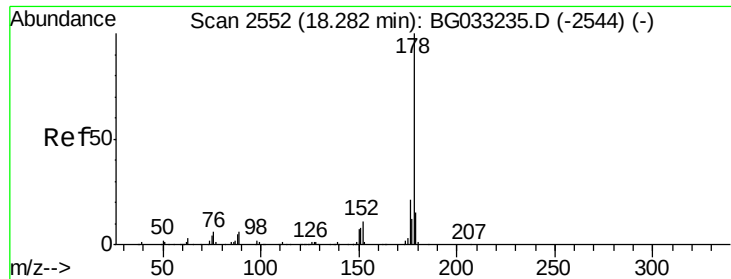
Sohil
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#69
Pentachlorophenol
Concen: 72.734 ng
RT: 17.85 min Scan# 2478
Delta R.T. 0.01 min
Lab File: BG033714.D
Acq: 10 Apr 2018 15:30

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	64.9	51.1	76.7
264	64.8	49.6	74.4





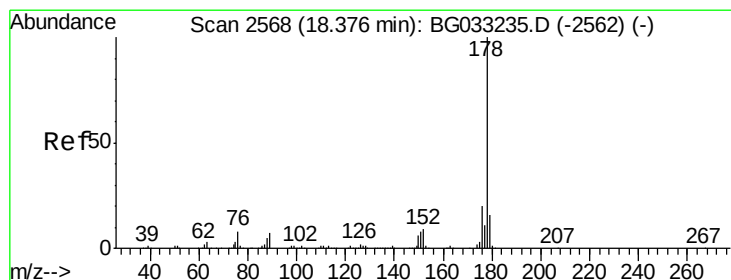
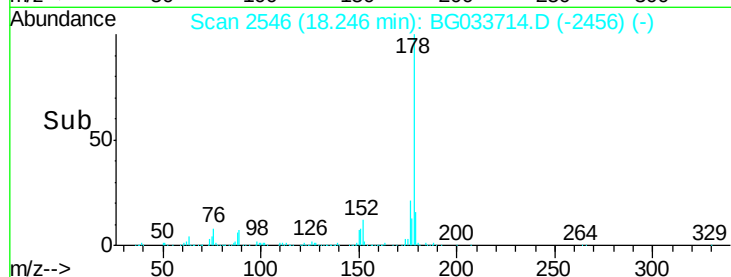
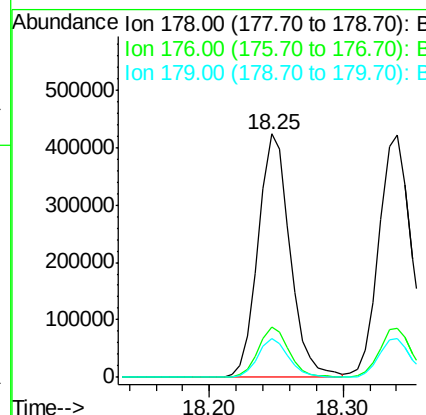
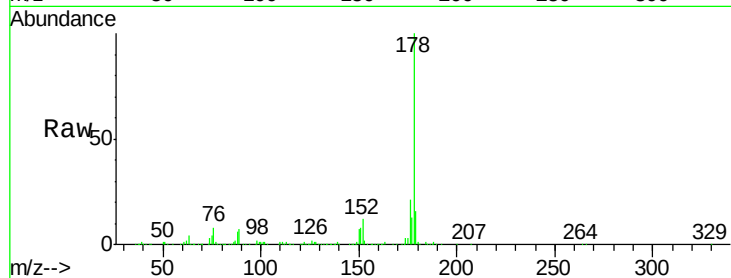
#70
Phenanthrene
Concen: 44.472 ng
RT: 18.25 min Scan# 2546
Delta R.T. -0.00 min
Lab File: BG033714.D
Acq: 10 Apr 2018 15:30

Instrument :
BNA_G
ClientSampleId :
SB-1MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.9	15.7	23.5
179	16.1	12.5	18.7

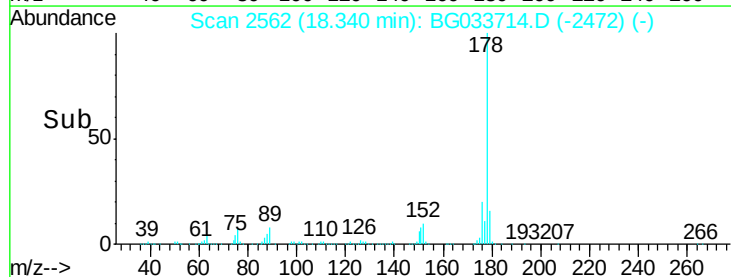
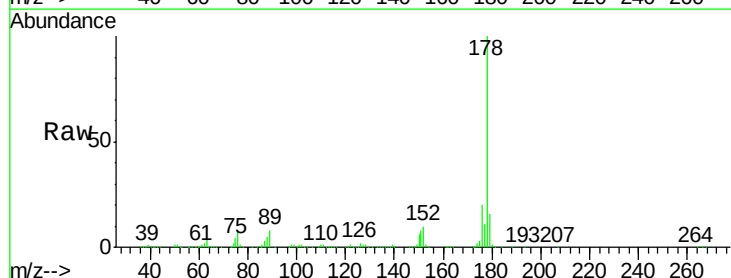
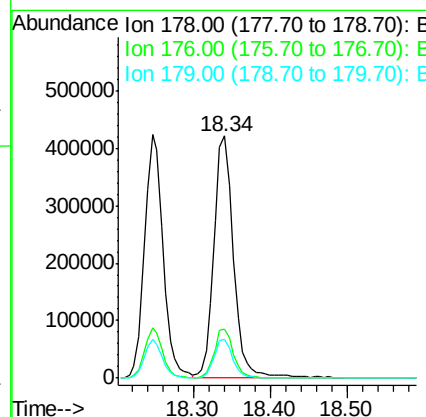
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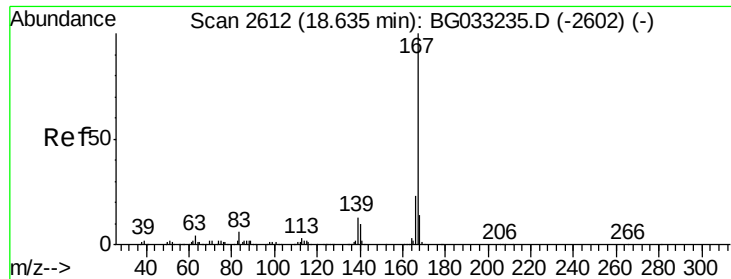
Sohil
4/11/2018 5:18:22 PM



#71
Anthracene
Concen: 46.112 ng
RT: 18.34 min Scan# 2562
Delta R.T. -0.00 min
Lab File: BG033714.D
Acq: 10 Apr 2018 15:30

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	16.0	24.0
179	15.8	12.5	18.7





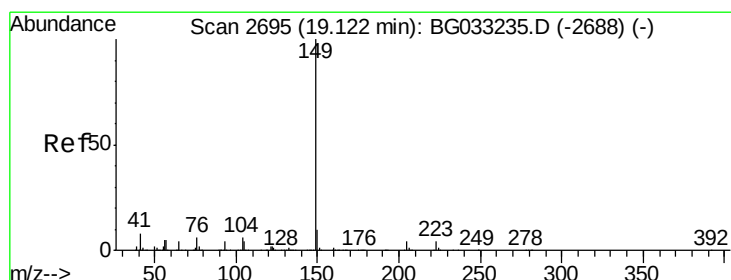
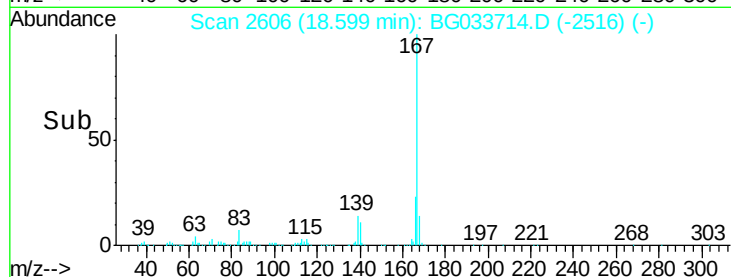
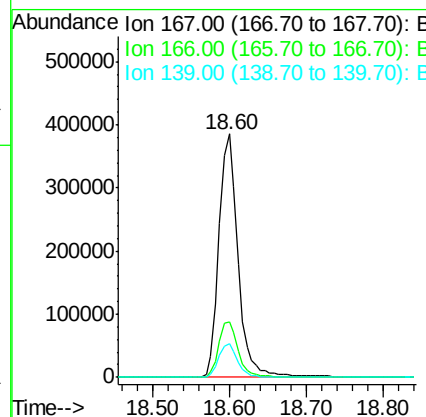
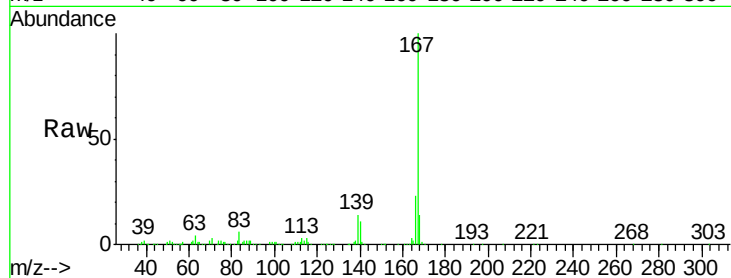
#72
 Carbazole
 Concen: 47.076 ng
 RT: 18.60 min Scan# 2606
 Delta R.T. -0.00 min
 Lab File: BG033714.D
 Acq: 10 Apr 2018 15:30

Instrument :
 BNA_G
 ClientSampled :
 SB-1MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.8	18.2	27.4
139	14.0	9.4	14.2

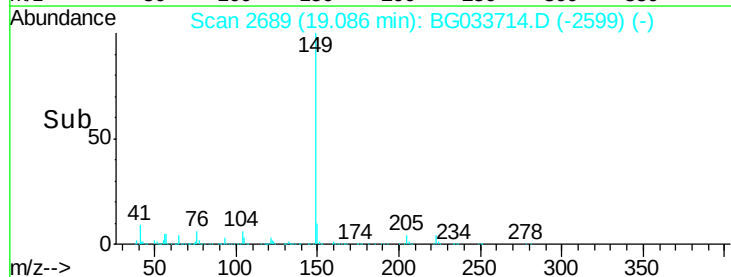
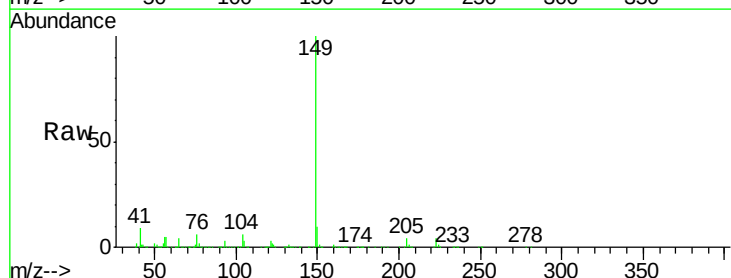
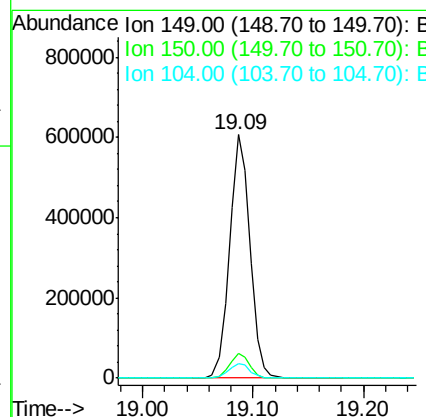
Manual Integrations
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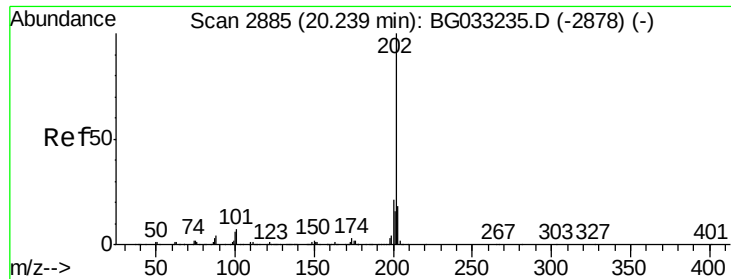
Sohil
 4/11/2018 5:18:22 PM



#73
 Di-n-butylphthalate
 Concen: 48.061 ng
 RT: 19.09 min Scan# 2689
 Delta R.T. -0.00 min
 Lab File: BG033714.D
 Acq: 10 Apr 2018 15:30

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.9	7.8	11.6
104	6.1	3.9	5.9





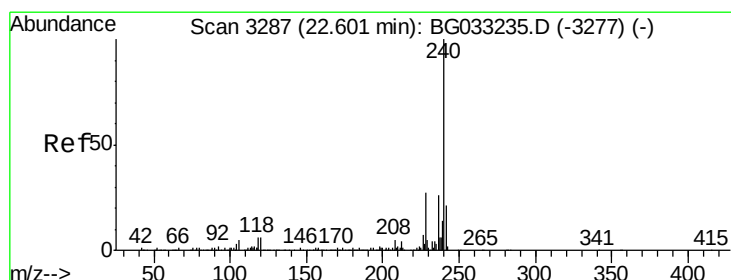
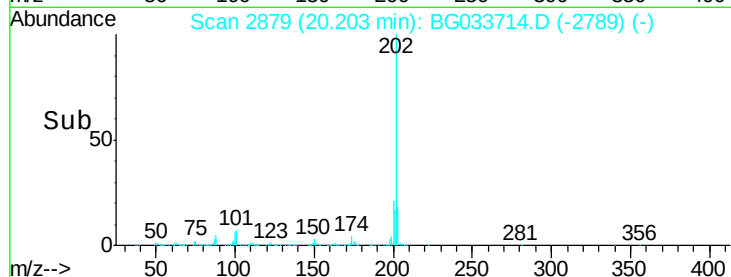
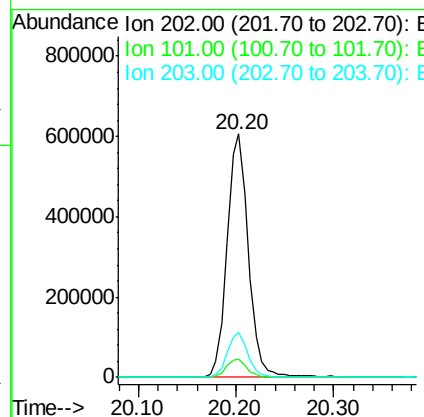
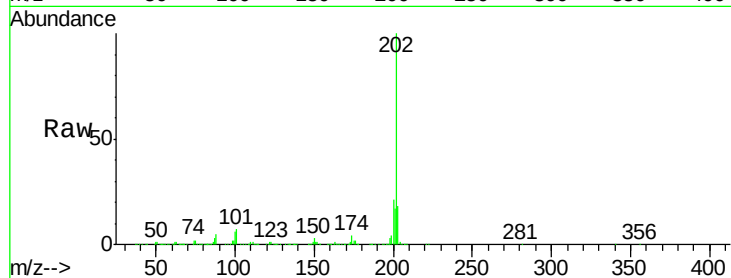
#74
 Fluoranthene
 Concen: 46.986 ng
 RT: 20.20 min Scan# 2879
 Delta R.T. -0.00 min
 Lab File: BG033714.D
 Acq: 10 Apr 2018 15:30

Instrument :
 BNA_G
 ClientSampleId :
 SB-1MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		912031		
101	7.5	0.0	28.9		
203	18.4	0.0	37.5		

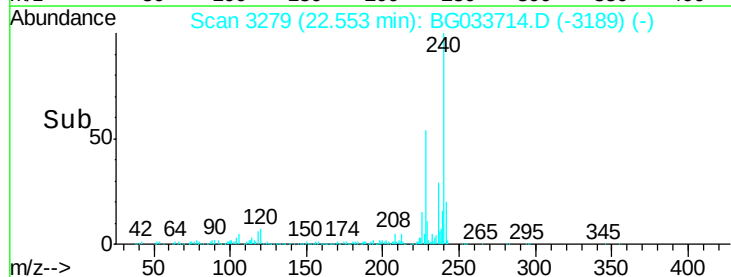
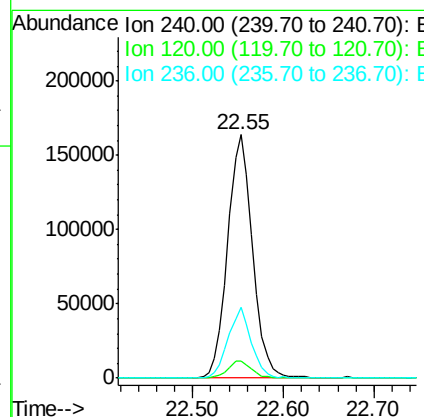
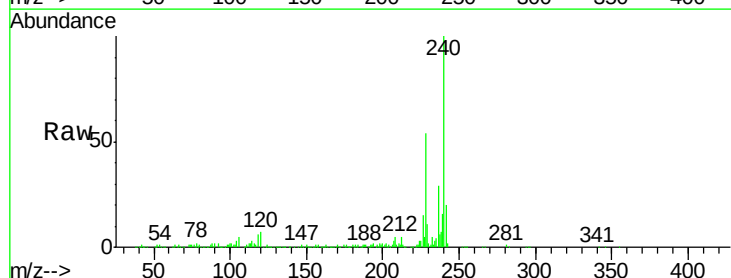
Manual Integrations
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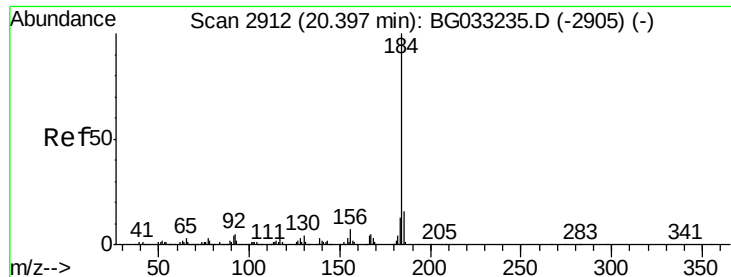
Sohil
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#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.55 min Scan# 3279
 Delta R.T. -0.00 min
 Lab File: BG033714.D
 Acq: 10 Apr 2018 15:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		313248		
120	6.9	6.8	10.2		
236	29.1	20.9	31.3		





#76

Benzidine

Concen: 25.669 ng

RT: 20.36 min Scan# 2906

Delta R.T. -0.00 min

Lab File: BG033714.D

Acq: 10 Apr 2018 15:30

Instrument :

BNA_G

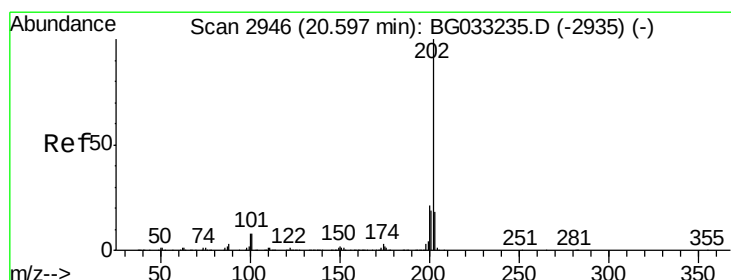
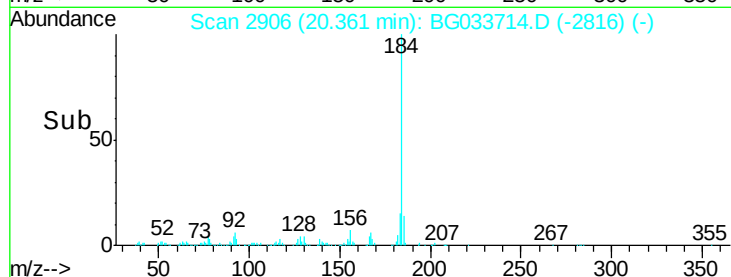
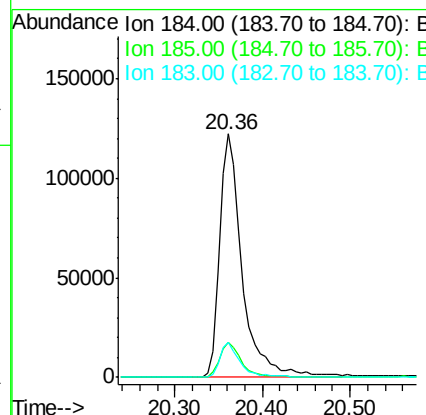
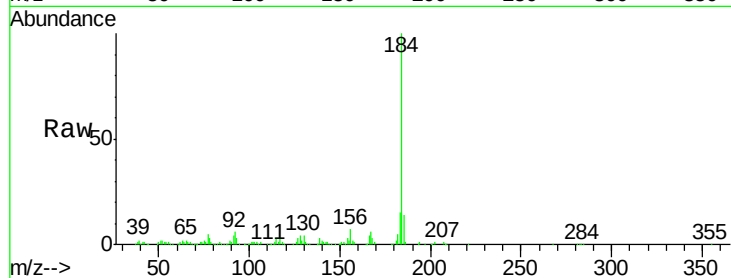
ClientSampleId :

SB-1MSD

Tot Ion:	184	Resp:	218056
Ion Ratio	Lower	Upper	
184	100		
185	14.4	11.1	16.7
183	14.5	10.6	16.0

Manual Integrations
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#77

Pyrene

Concen: 44.047 ng

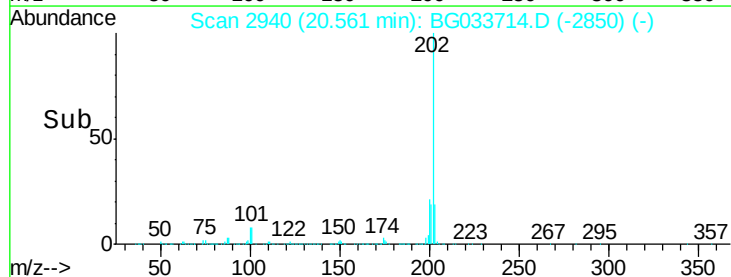
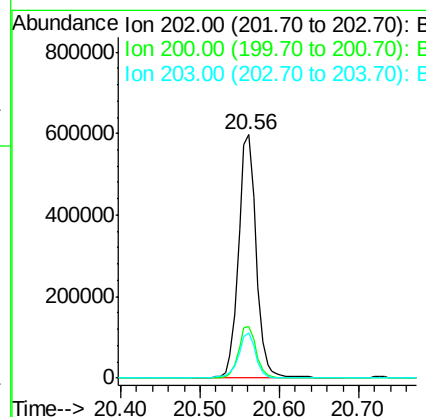
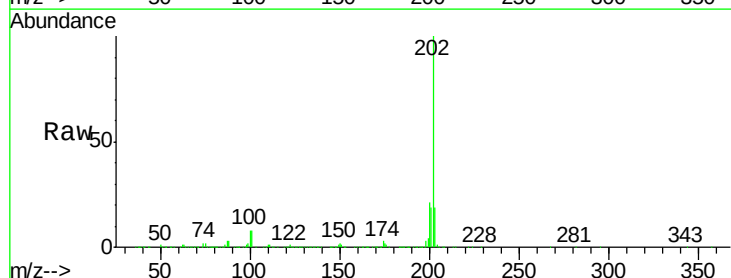
RT: 20.56 min Scan# 2940

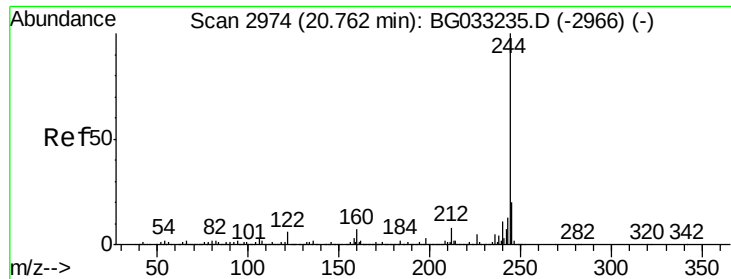
Delta R.T. -0.00 min

Lab File: BG033714.D

Acq: 10 Apr 2018 15:30

Tgt Ion:	202	Resp:	920233
Ion Ratio	Lower	Upper	
202	100		
200	21.2	16.9	25.3
203	18.6	13.9	20.9





#78

Terphenyl-d14

Concen: 90.031 ng

RT: 20.73 min Scan# 2968

Delta R.T. -0.00 min

Lab File: BG033714.D

Acq: 10 Apr 2018 15:30

Instrument :

BNA_G

ClientSampleId :

SB-1MSD

Tot Ion:244 Resp: 1318713

Ion Ratio Lower Upper

244 100

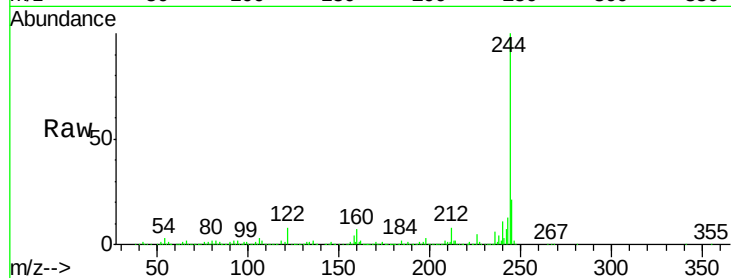
212 8.4 5.8 8.8

122 7.6 7.0 10.4

Manual Integrations
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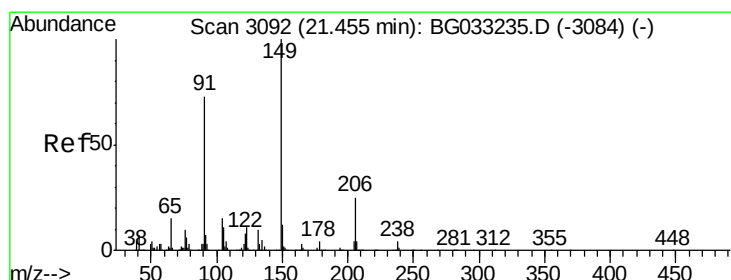
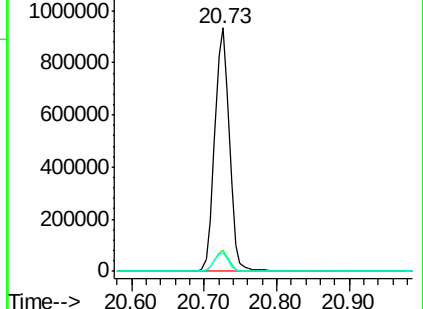
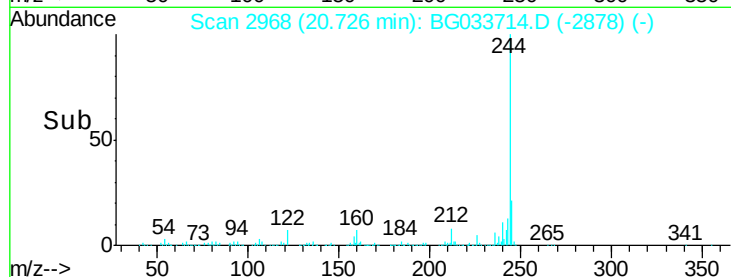
4/11/2018 5:18:22 PM



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 47.627 ng

RT: 21.41 min Scan# 3085

Delta R.T. -0.00 min

Lab File: BG033714.D

Acq: 10 Apr 2018 15:30

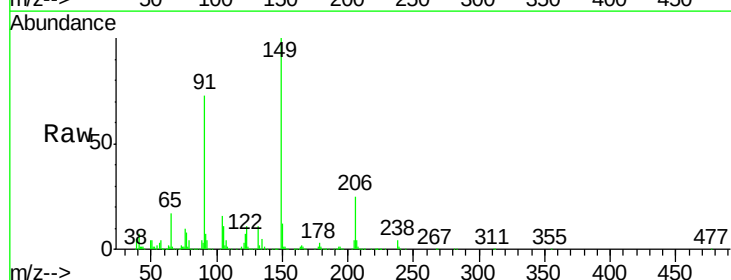
Tgt Ion:149 Resp: 367184

Ion Ratio Lower Upper

149 100

91 73.3 62.2 93.2

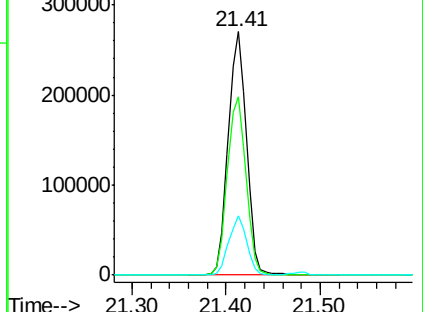
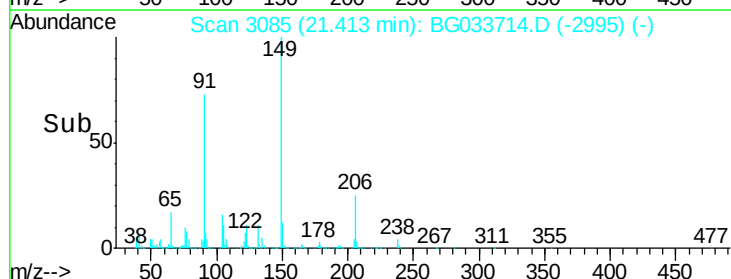
206 24.5 18.6 27.8

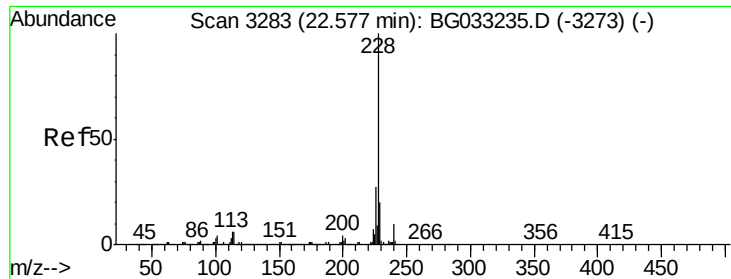


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): E

Ion 206.00 (205.70 to 206.70): E





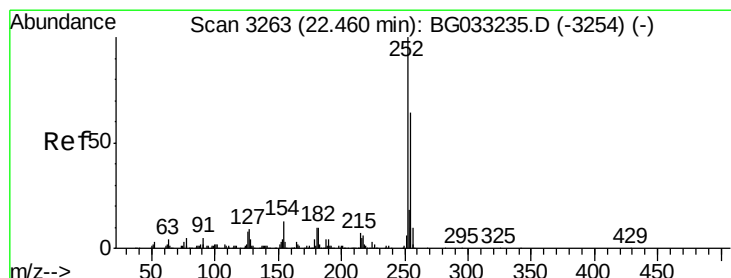
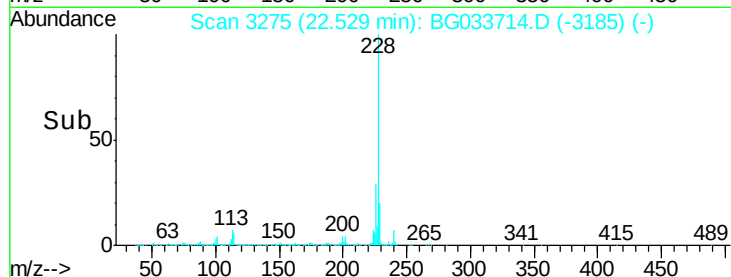
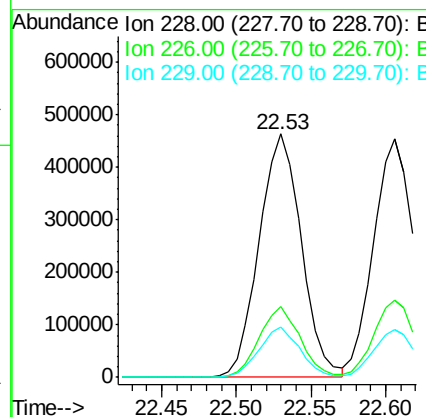
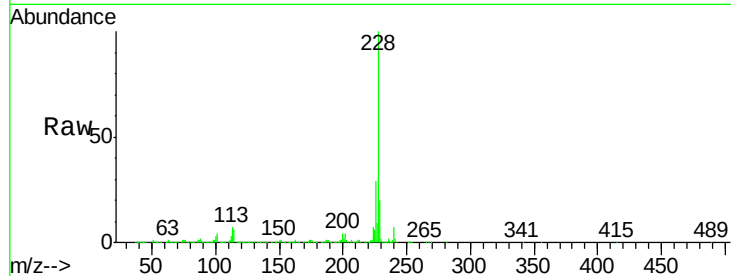
#80
Benzo(a)anthracene
Concen: 45.575 ng
RT: 22.53 min Scan# 3275
Delta R.T. -0.00 min
Lab File: BG033714.D
Acq: 10 Apr 2018 15:30

Instrument :
BNA_G
ClientSampleId :
SB-1MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.2	22.7	34.1
229	20.5	16.2	24.2

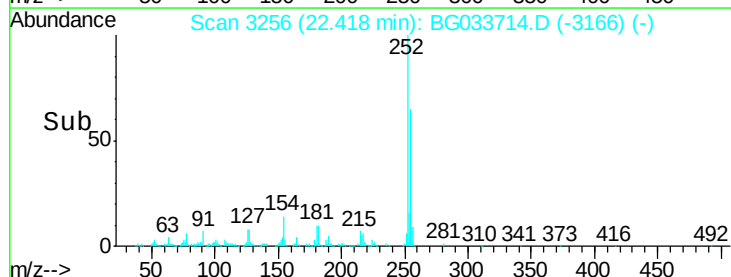
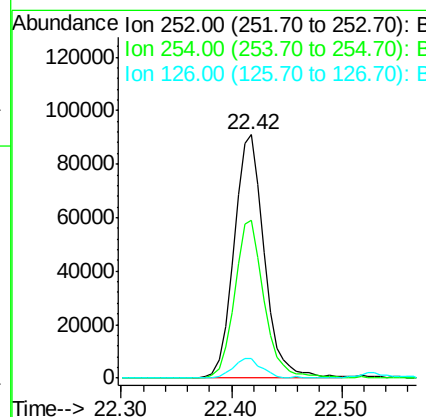
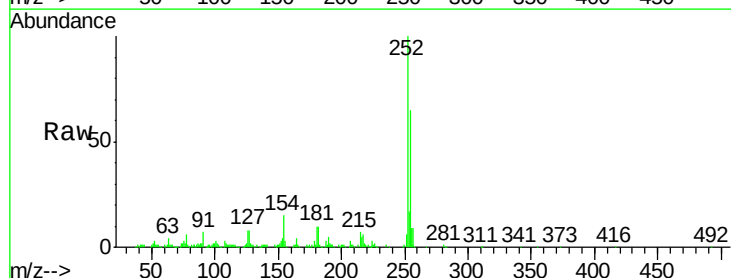
Manual Integrations
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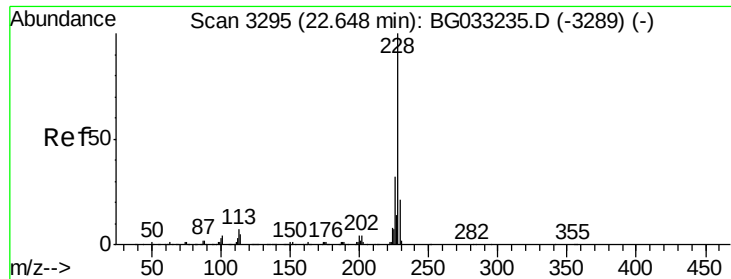
Sohil
4/11/2018 5:18:22 PM



#81
3,3'-Dichlorobenzidine
Concen: 24.594 ng
RT: 22.42 min Scan# 3256
Delta R.T. -0.00 min
Lab File: BG033714.D
Acq: 10 Apr 2018 15:30

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.6	50.8	76.2
126	8.0	7.4	11.2





#82

Chrysene

Concen: 43.762 ng

RT: 22.61 min Scan# 3288

Delta R.T. -0.00 min

Lab File: BG033714.D

Acq: 10 Apr 2018 15:30

Instrument :

BNA_G

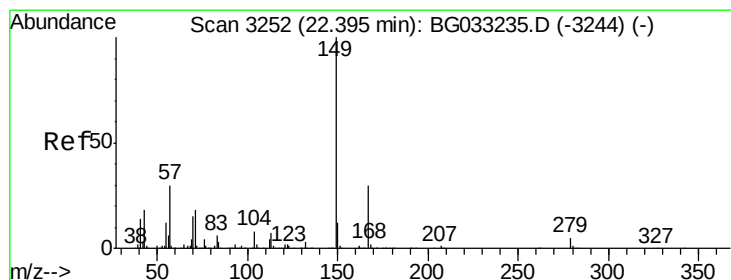
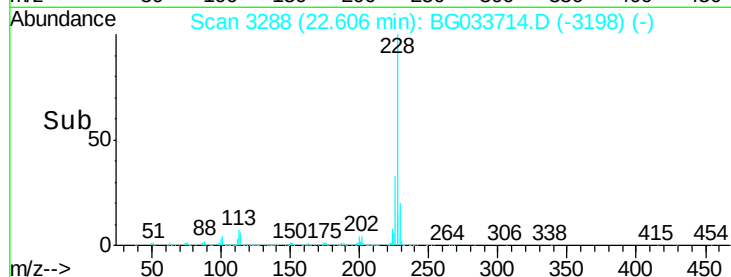
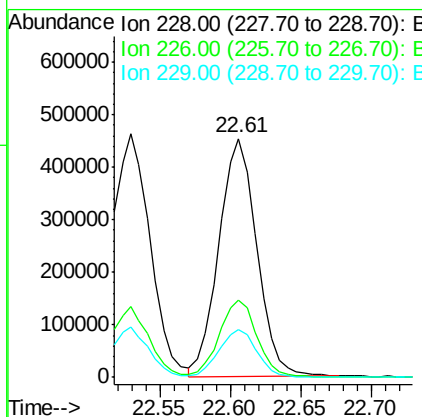
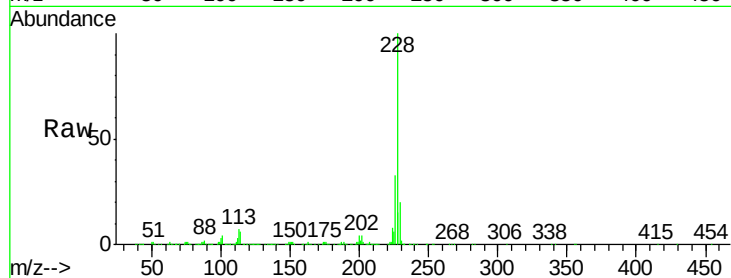
ClientSampleId :

SB-1MSD

Tot Ion:	228	Resp:	844954
Ion Ratio	Lower	Upper	
228	100		
226	32.6	24.9	37.3
229	20.1	15.0	22.4

Manual Integrations
APPROVED

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4/11/2018 5:18:22 PM



#83

Bis(2-ethylhexyl)phthalate

Concen: 48.138 ng

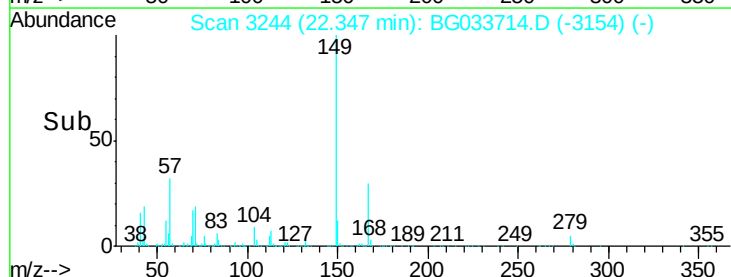
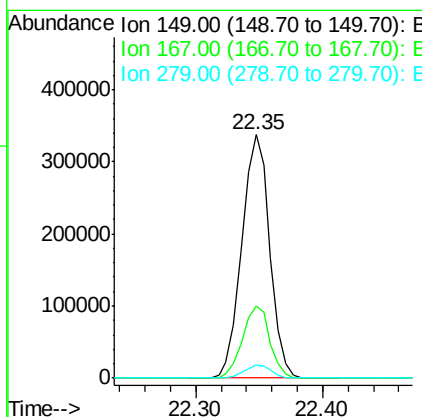
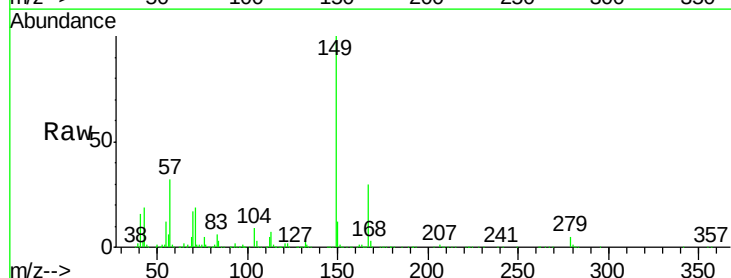
RT: 22.35 min Scan# 3244

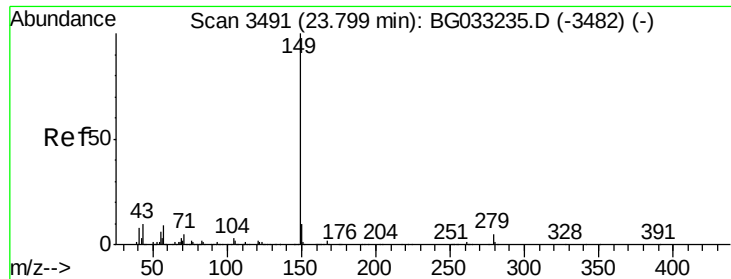
Delta R.T. -0.00 min

Lab File: BG033714.D

Acq: 10 Apr 2018 15:30

Tgt Ion:	149	Resp:	511598
Ion Ratio	Lower	Upper	
149	100		
167	29.8	24.3	36.5
279	5.4	4.0	6.0





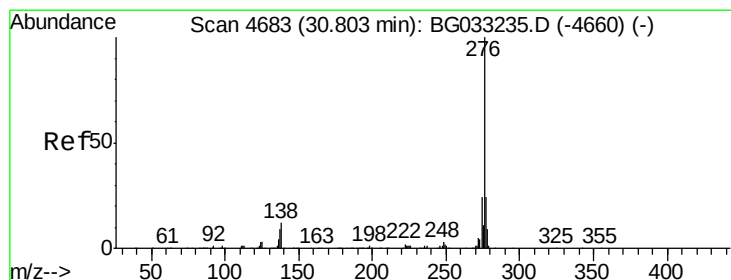
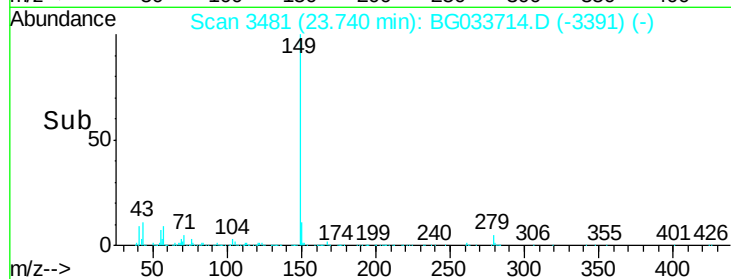
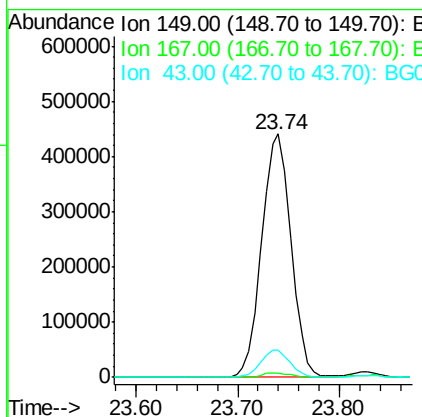
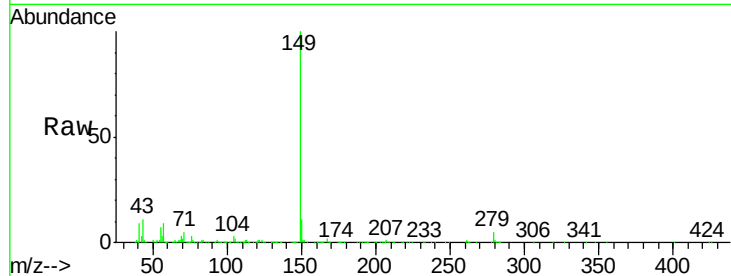
#84
Di-n-octyl phthalate
Concen: 54.454 ng
RT: 23.74 min Scan# 3481
Delta R.T. -0.00 min
Lab File: BG033714.D
Acq: 10 Apr 2018 15:30

Instrument :
BNA_G
ClientSampleId :
SB-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.8		1.4	2.0
43	11.0		8.9	13.3

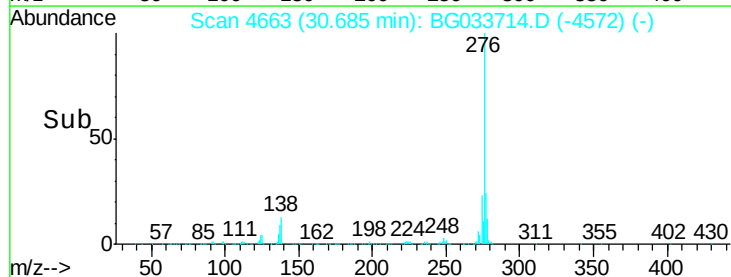
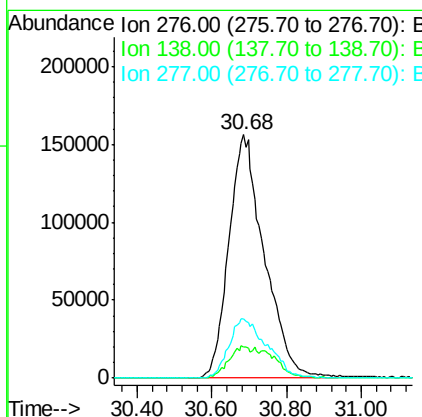
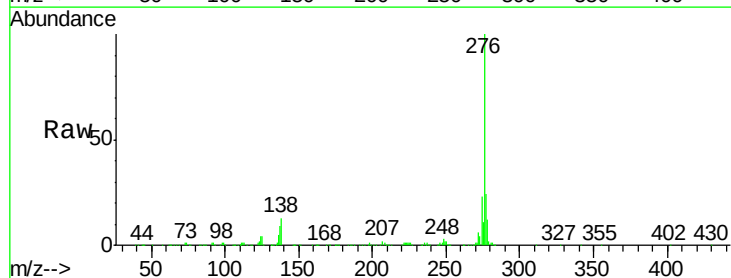
Manual Integrations
APPROVED

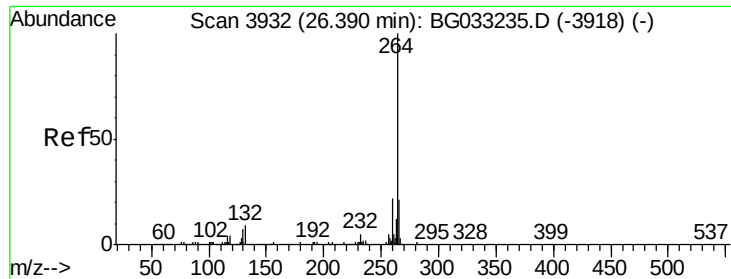
Sohil
4/11/2018 5:18:22 PM



#85
Indeno(1,2,3-cd)pyrene
Concen: 49.281 ng
RT: 30.68 min Scan# 4663
Delta R.T. 0.01 min
Lab File: BG033714.D
Acq: 10 Apr 2018 15:30

Tgt Ion	Ratio	Resp	Lower	Upper
276	100			
138	7.8		16.0	24.0#
277	26.1		20.0	30.0





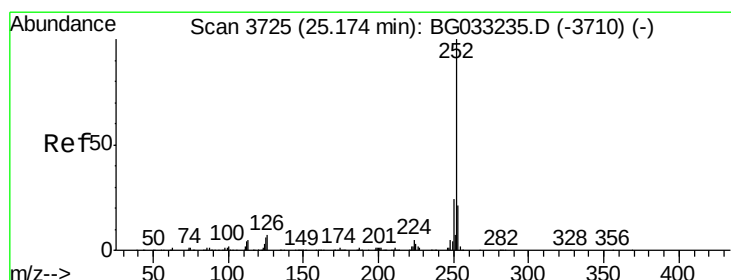
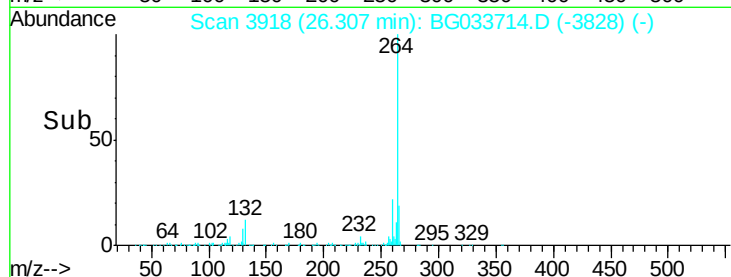
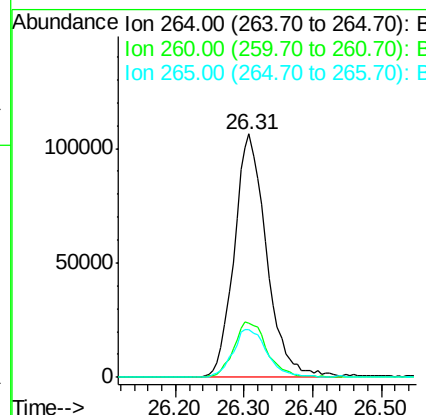
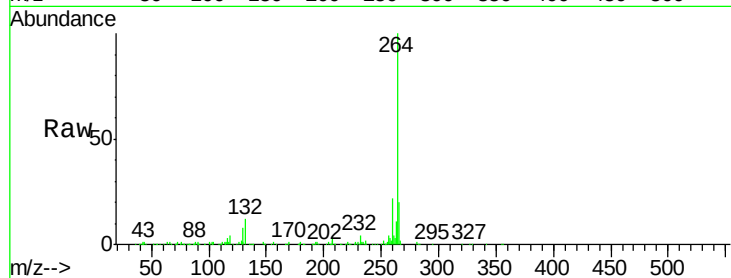
#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.31 min Scan# 3918
Delta R.T. -0.00 min
Lab File: BG033714.D
Acq: 10 Apr 2018 15:30

Instrument :
BNA_G
ClientSampled :
SB-1MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.0	17.4	26.0
265	19.6	17.7	26.5

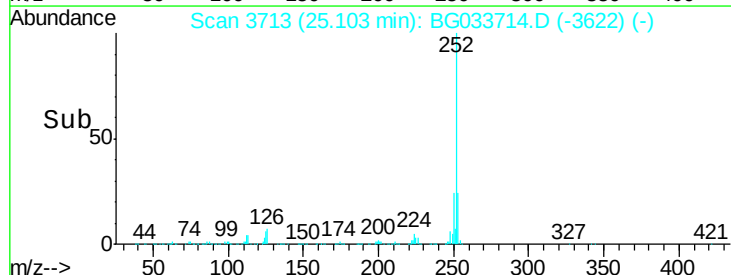
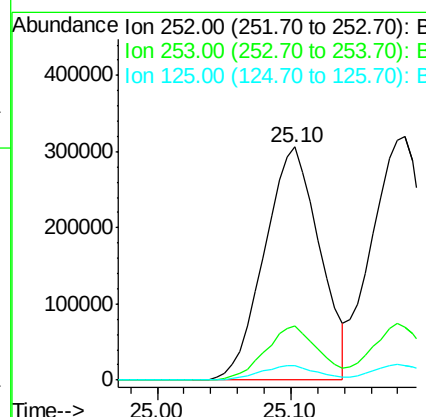
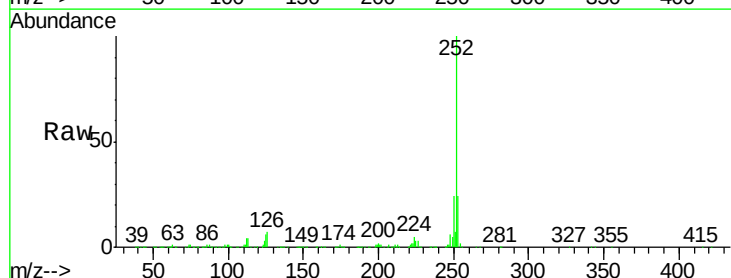
Manual Integrations
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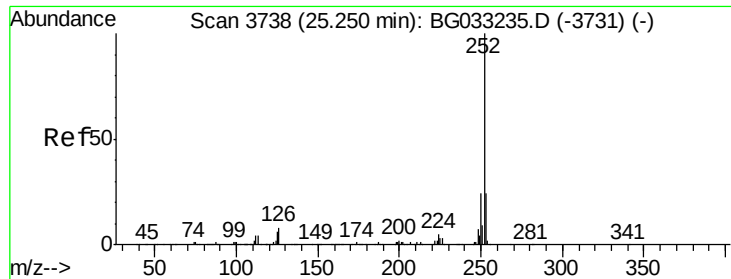
Sohil
4/11/2018 5:18:22 PM



#87
Benzo(b)fluoranthene
Concen: 43.696 ng
RT: 25.10 min Scan# 3713
Delta R.T. 0.01 min
Lab File: BG033714.D
Acq: 10 Apr 2018 15:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.2	27.4
125	6.1	7.2	10.8





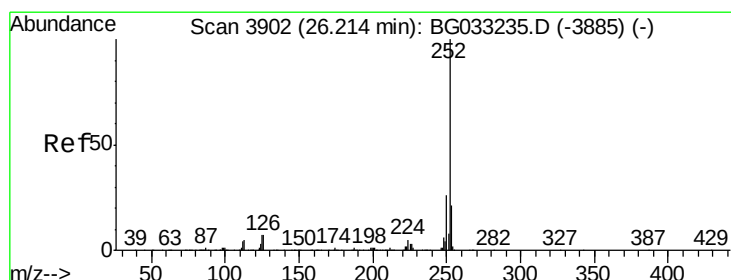
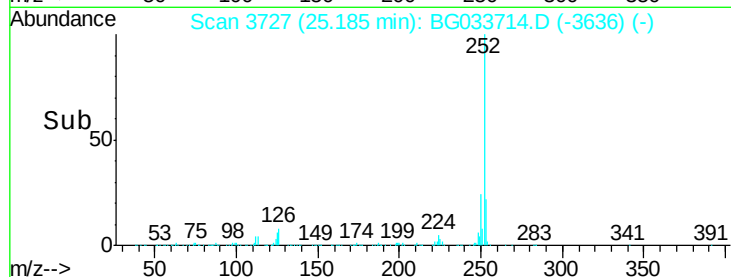
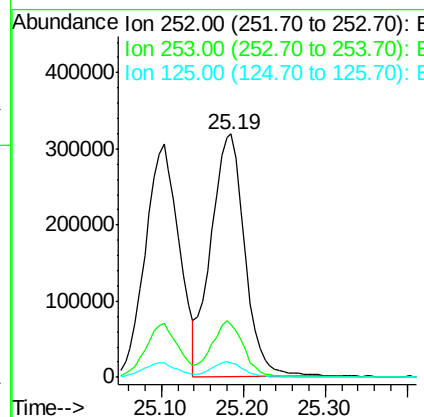
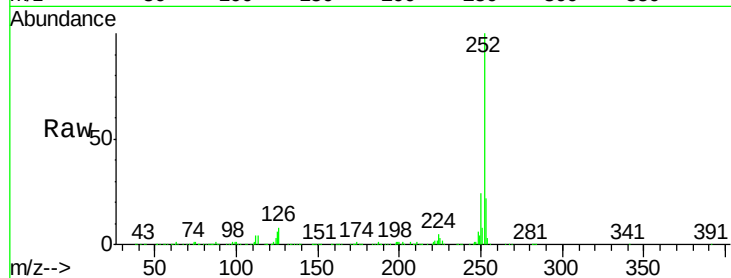
#88
Benzo(k)fluoranthene
Concen: 45.047 ng
RT: 25.19 min Scan# 3727
Delta R.T. 0.01 min
Lab File: BG033714.D
Acq: 10 Apr 2018 15:30

Instrument :
BNA_G
ClientSampleId :
SB-1MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.4	26.2
125	5.8	6.6	9.8

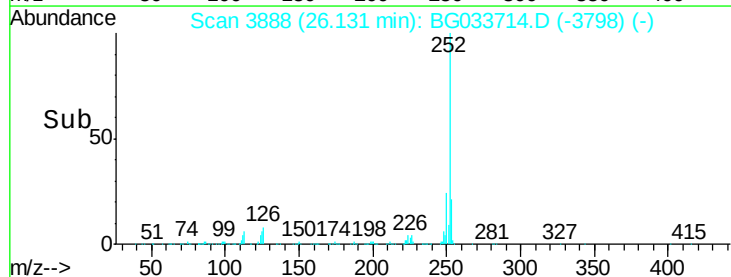
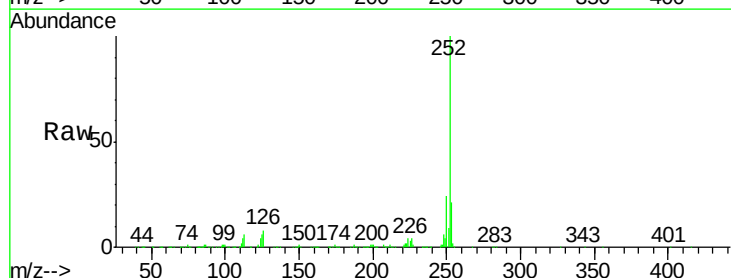
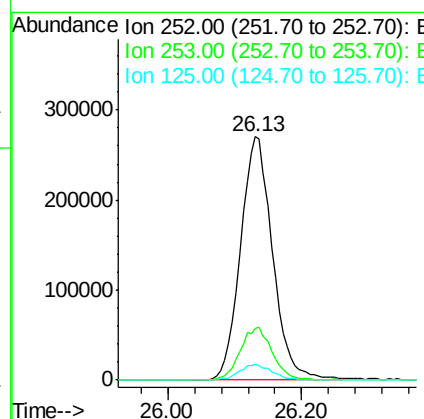
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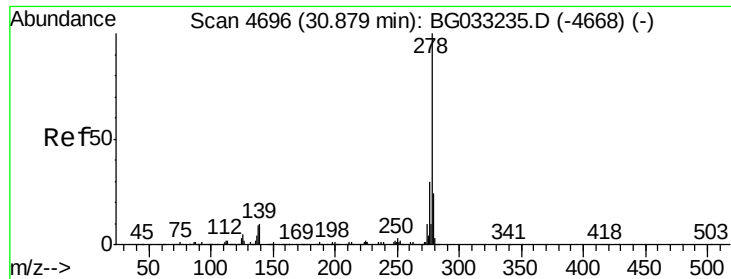
Sohil
4/11/2018 5:18:22 PM



#89
Benzo(a)pyrene
Concen: 46.301 ng
RT: 26.13 min Scan# 3888
Delta R.T. -0.00 min
Lab File: BG033714.D
Acq: 10 Apr 2018 15:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.2	18.3	27.5
125	6.4	7.3	10.9





#90

Dibenzo(a,h)anthracene

Concen: 47.817 ng

RT: 30.76 min Scan# 4675

Delta R.T. 0.01 min

Lab File: BG033714.D

Acq: 10 Apr 2018 15:30

Instrument :

BNA_G

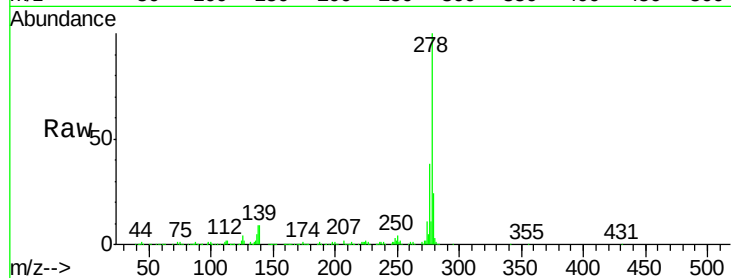
ClientSampleId :

SB-1MSD

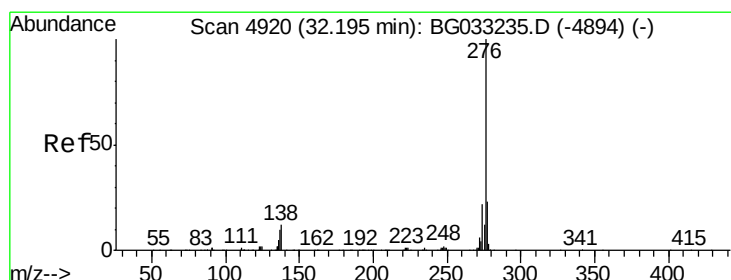
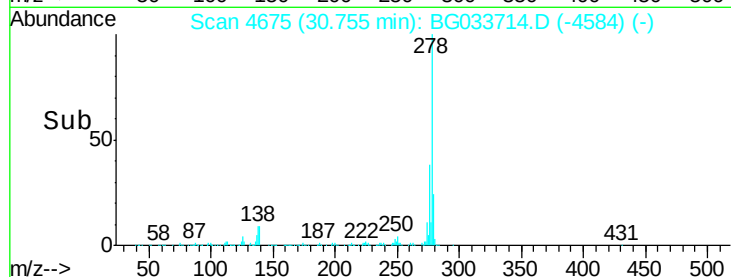
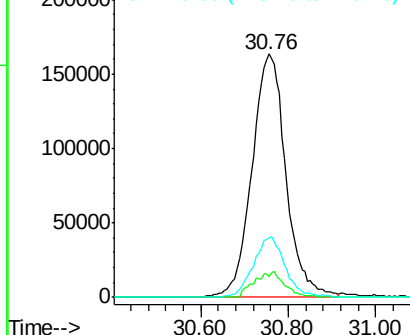
Tot Ion:	278	Resp:	869310
Ion Ratio	Lower	Upper	
278	100		
139	8.8	9.8	14.6#
279	24.1	18.4	27.6

Manual Integrations
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4/11/2018 5:18:22 PM



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 47.629 ng

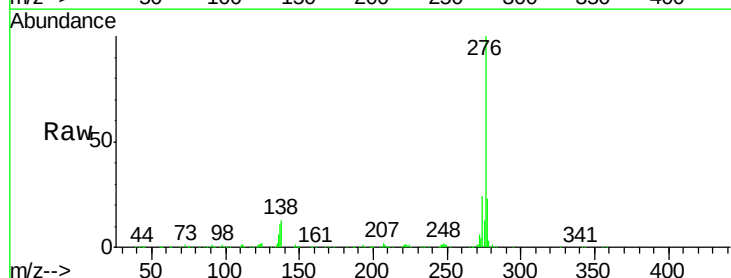
RT: 32.07 min Scan# 4898

Delta R.T. 0.01 min

Lab File: BG033714.D

Acq: 10 Apr 2018 15:30

Tgt Ion:	276	Resp:	857439
Ion Ratio	Lower	Upper	
276	100		
277	22.5	18.3	27.5
138	12.8	13.9	20.9#



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

