

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032818\
 Data File : BG033420.D
 Acq On : 29 Mar 2018 14:13
 Operator : SJ/JU
 Sample : J1754-14MSD
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-032718-BMSD

Manual Integrations
 APPROVED

Sohil
 3/29/2018 5:39:35 PM

Quant Time: Mar 29 16:07:56 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 28 18:34:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	45635	20.00	ng	-0.01
21) Naphthalene-d8	11.75	136	190373	20.00	ng	0.00
38) Acenaphthene-d10	15.49	164	141936	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	342272	20.00	ng	0.00
75) Chrysene-d12	22.56	240	357231	20.00	ng	0.00
86) Perylene-d12	26.33	264	380624	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.30	112	366130	150.44	ng	0.01
7) Phenol-d6	7.99	99	537965	128.65	ng	0.01
23) Nitrobenzene-d5	10.07	82	397576	95.95	ng	0.00
41) 2,4,6-Tribromophenol	16.96	330	293713	138.36	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	931992	94.79	ng	0.00
78) Terphenyl-d14	20.73	244	1588452	95.09	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.95	88	47432	38.378	ng	# 86
3) Pyridine	4.41	79	122071	35.729	ng	93
4) n-Nitrosodimethylamine	4.31	42	65632	46.810	ng	# 89
6) Aniline	8.17	93	39008	7.932	ng	99
8) 2-Chlorophenol	8.42	128	140495	50.497	ng	98
9) Benzaldehyde	7.97	77	73044m	27.487	ng	
10) Phenol	8.02	94	181175	43.883	ng	91
11) bis(2-Chloroethyl)ether	8.25	93	138783	41.184	ng	93
12) 1,3-Dichlorobenzene	8.75	146	151660m	41.694	ng	
13) 1,4-Dichlorobenzene	8.90	146	152698	41.917	ng	97
14) 1,2-Dichlorobenzene	9.24	146	151882	42.718	ng	97
15) Benzyl Alcohol	9.11	79	163194	49.568	ng	91
16) 2,2'-oxybis(1-Chloropropan	9.39	45	232592	42.339	ng	85
17) 2-Methylphenol	9.31	107	128952	45.850	ng	# 87
18) Hexachloroethane	9.99	117	61085	43.446	ng	89
19) n-Nitroso-di-n-propylamine	9.68	70	133402	43.537	ng	94
20) 3+4-Methylphenols	9.65	107	185497	46.323	ng	90
22) Acetophenone	9.71	105	238506	45.730	ng	# 99
24) Nitrobenzene	10.11	77	198808	44.826	ng	95
25) Isophorone	10.63	82	377374	46.925	ng	97
26) 2-Nitrophenol	10.84	139	83575	49.773	ng	# 90
27) 2,4-Dimethylphenol	10.87	122	145958	59.837	ng	94
28) bis(2-Chloroethoxy)methane	11.11	93	195231	48.655	ng	94
29) 2,4-Dichlorophenol	11.39	162	163192	54.401	ng	97
30) 1,2,4-Trichlorobenzene	11.60	180	168570	43.251	ng	98
31) Naphthalene	11.80	128	453035	45.923	ng	98
32) Benzoic acid	10.99	122	14826m	6.538	ng	
33) 4-Chloroaniline	11.91	127	17832	4.035	ng	94
34) Hexachlorobutadiene	12.06	225	127960	43.415	ng	95
35) Caprolactam	12.65	113	44720	38.052	ng	94
36) 4-Chloro-3-methylphenol	12.97	107	202307	51.707	ng	94
37) 2-Methylnaphthalene	13.35	142	341903	44.652	ng	90
39) 1,2,4,5-Tetrachlorobenzene	13.71	216	231552	45.038	ng	99
40) Hexachlorocyclopentadiene	13.68	237	236302	78.403	ng	94

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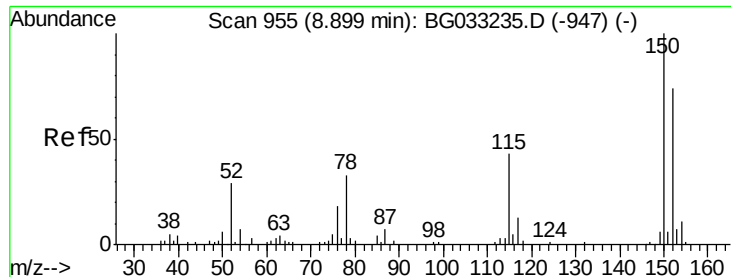
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.94	196	154980	51.883	nq	96
43) 2,4,5-Trichlorophenol	14.02	196	175519	49.711	nq	98
45) 1,1'-Biphenyl	14.32	154	490373	44.969	nq	97
46) 2-Chloronaphthalene	14.38	162	376329	44.758	nq	97
47) 2-Nitroaniline	14.58	65	151686	48.166	nq	96
48) Acenaphthylene	15.22	152	606993	43.250	nq	98
49) Dimethylphthalate	14.91	163	553216	44.787	nq	100
50) 2,6-Dinitrotoluene	15.05	165	121613	48.150	nq	98
51) Acenaphthene	15.55	154	382755	42.306	nq	97
52) 3-Nitroaniline	15.39	138	25520	9.638	nq	# 76
53) 2,4-Dinitrophenol	15.58	184	19876	21.387	nq	91
54) Dibenzofuran	15.87	168	615027	46.021	nq	91
55) 4-Nitrophenol	15.68	139	140957	75.703	nq	90
56) 2,4-Dinitrotoluene	15.82	165	167613	45.071	nq	# 95
57) Fluorene	16.52	166	513463	45.100	nq	100
58) 2,3,4,6-Tetrachlorophenol	16.09	232	161615	48.622	nq	98
59) Diethylphthalate	16.25	149	539999	45.021	nq	97
60) 4-Chlorophenyl-phenylether	16.49	204	293538	44.852	nq	99
61) 4-Nitroaniline	16.54	138	93610	34.910	nq	# 84
62) Azobenzene	16.79	77	526942	45.352	nq	99
64) 4,6-Dinitro-2-methylphenol	16.58	198	38212	18.662	nq	95
65) n-Nitrosodiphenylamine	16.71	169	477462	48.863	nq	98
66) 4-Bromophenyl-phenylether	17.38	248	199315	49.585	nq	94
67) Hexachlorobenzene	17.51	284	201805	47.571	nq	98
68) Atrazine	17.63	200	187799	47.429	nq	99
69) Pentachlorophenol	17.85	266	157227	53.999	nq	97
70) Phenanthrene	18.26	178	832350	46.694	nq	98
71) Anthracene	18.35	178	869201	48.158	nq	99
72) Carbazole	18.61	167	718713	44.937	nq	97
73) Di-n-butylphthalate	19.10	149	869867	46.727	nq	# 98
74) Fluoranthene	20.21	202	1024119	46.427	nq	97
76) Benzidine	20.38	184	83366	8.605	nq	97
77) Pyrene	20.57	202	1026532	43.086	nq	98
79) Butylbenzylphthalate	21.42	149	397678	45.232	nq	97
80) Benzo(a)anthracene	22.54	228	1043670	45.882	nq	99
81) 3,3'-Dichlorobenzidine	22.43	252	95172	11.758	nq	99
82) Chrysene	22.62	228	996218	45.243	nq	98
83) Bis(2-ethylhexyl)phthalate	22.36	149	551962	45.542	nq	99
84) Di-n-octyl phthalate	23.75	149	960393	51.754	nq	98
85) Indeno(1,2,3-cd)pyrene	30.70	276	1128713	47.411	nq	# 62
87) Benzo(b)fluoranthene	25.12	252	1031664	46.914	nq	# 97
88) Benzo(k)fluoranthene	25.20	252	1060208	47.669	nq	# 96
89) Benzo(a)pyrene	26.15	252	1037358	49.122	nq	# 97
90) Dibenzo(a,h)anthracene	30.79	278	942523	47.381	nq	# 95
91) Benzo(g,h,i)perylene	32.08	276	873354	44.337	nq	# 92

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



#1

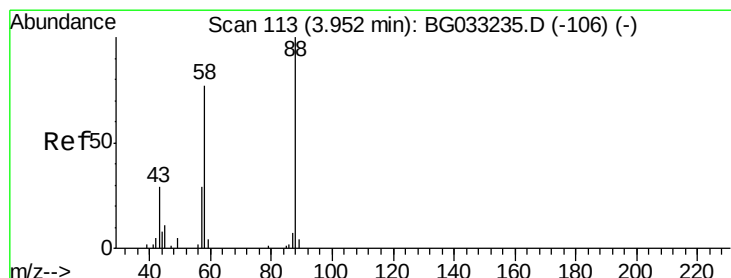
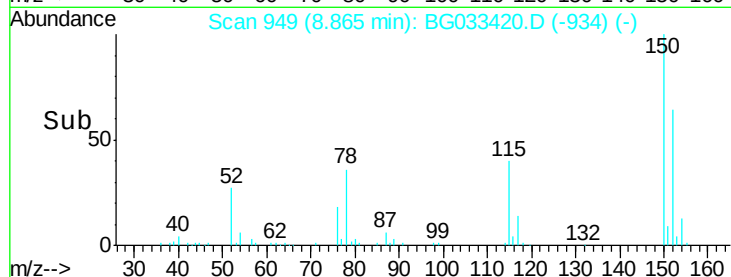
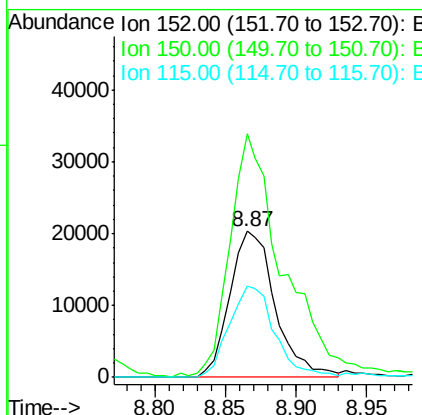
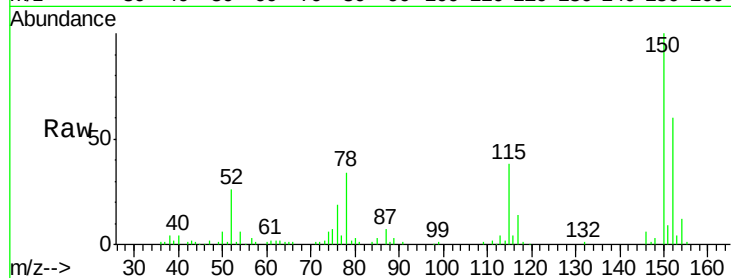
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.87 min Scan# 949
Delta R.T. -0.01 min
Lab File: BG033420.D
Acq: 29 Mar 2018 14:13

Instrument :
BNA_G
ClientSampleId :
CL-02-032718-BMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	166.4	126.6	189.8
115	62.8	53.0	79.4

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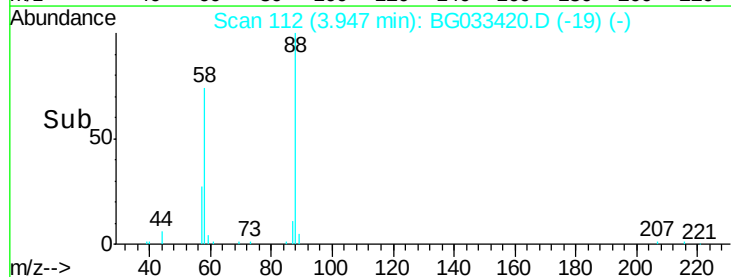
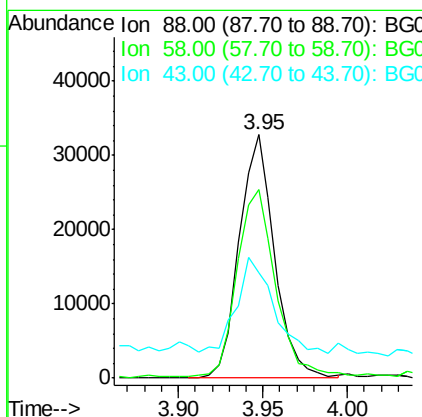
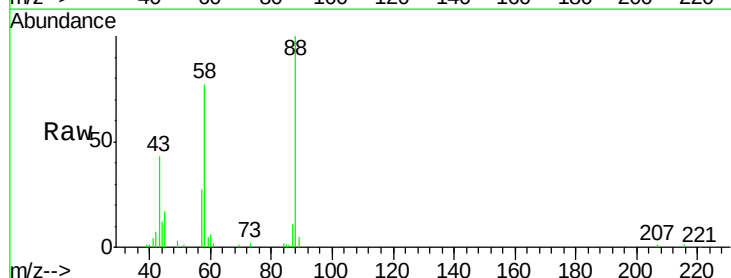
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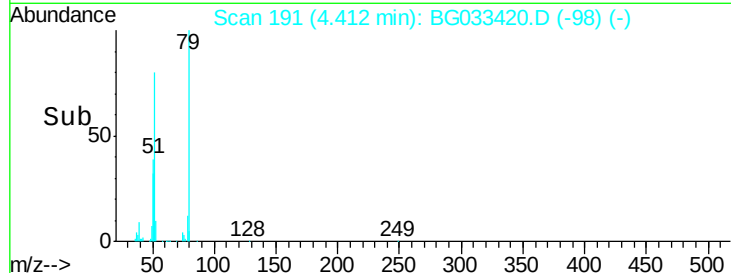
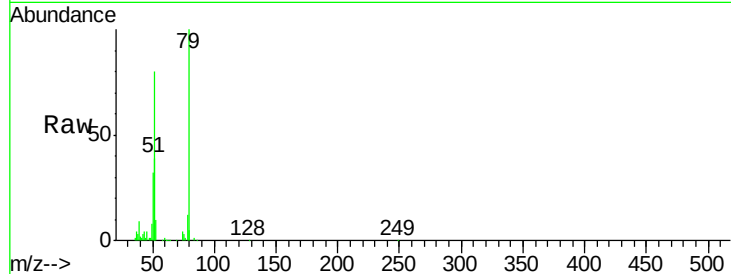
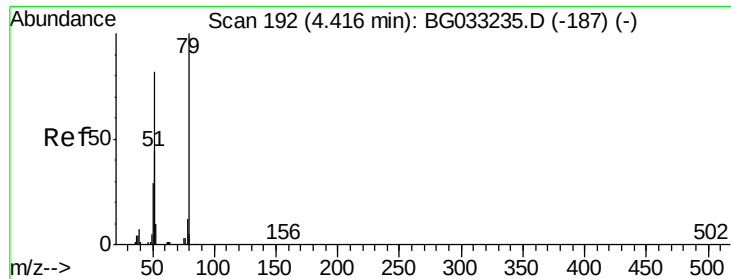


#2

1,4-Dioxane
Concen: 38.378 ng
RT: 3.95 min Scan# 112
Delta R.T. 0.02 min
Lab File: BG033420.D
Acq: 29 Mar 2018 14:13

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.5	79.6	119.4
43	41.1	27.4	41.0





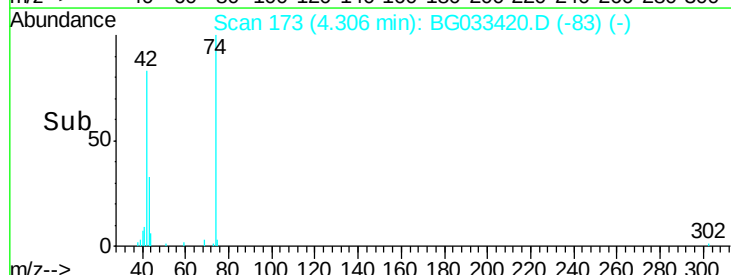
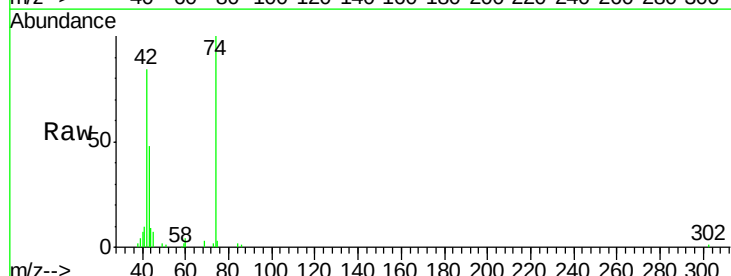
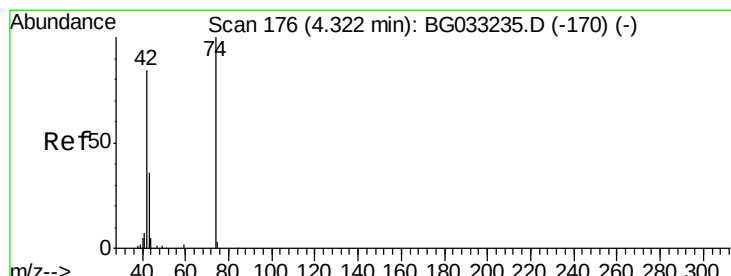
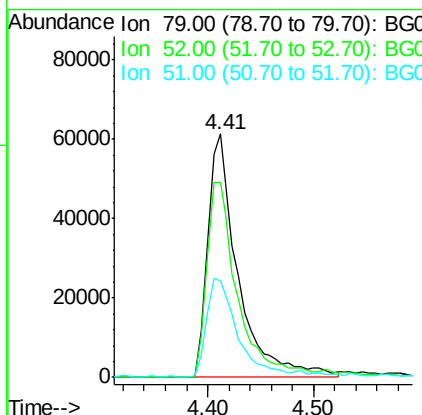
#3
 Pvridine
 Concen: 35.729 ng
 RT: 4.41 min Scan# 191
 Delta R.T. 0.02 min
 Lab File: BG033420.D
 Acq: 29 Mar 2018 14:13

Tot Ion:	79	Resp:	122071
Ion Ratio	Lower	Upper	
79	100		
52	80.2	69.9	104.9
51	39.5	34.0	51.0

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-032718-BMSD

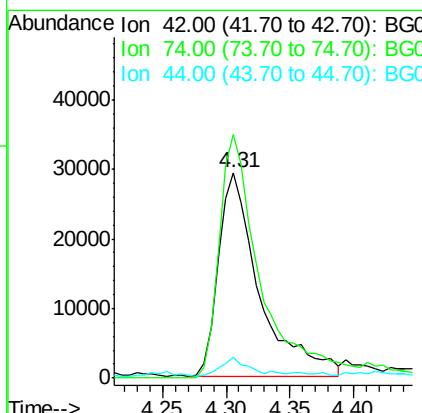
Manual Integrations
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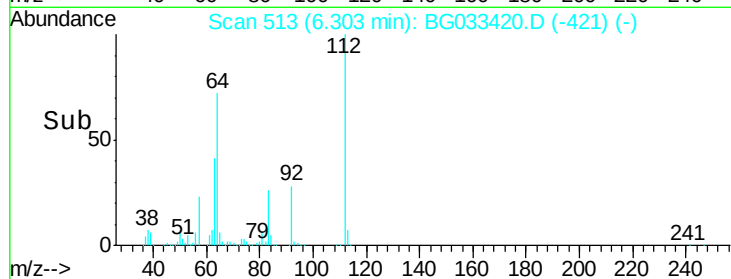
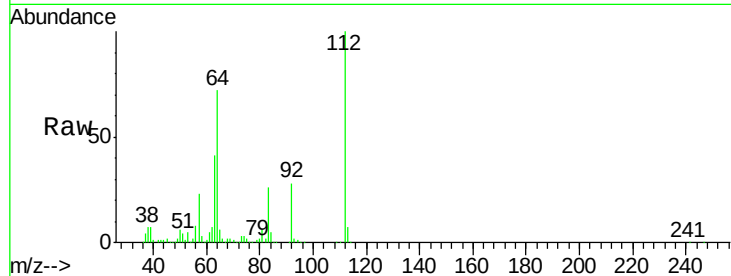
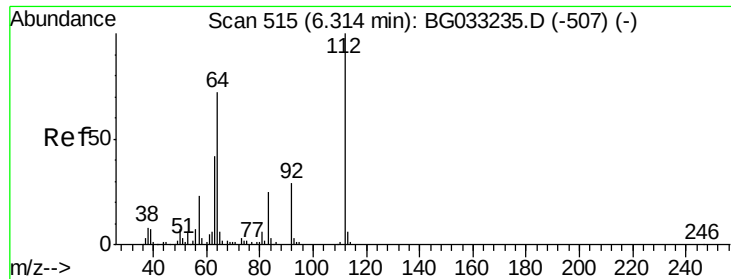
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#4
 n-Nitrosodimethylamine
 Concen: 46.810 ng
 RT: 4.31 min Scan# 173
 Delta R.T. -0.00 min
 Lab File: BG033420.D
 Acq: 29 Mar 2018 14:13

Tgt Ion:	42	Resp:	65632
Ion Ratio	Lower	Upper	
42	100		
74	118.6	102.5	153.7
44	10.2	18.9	28.3#





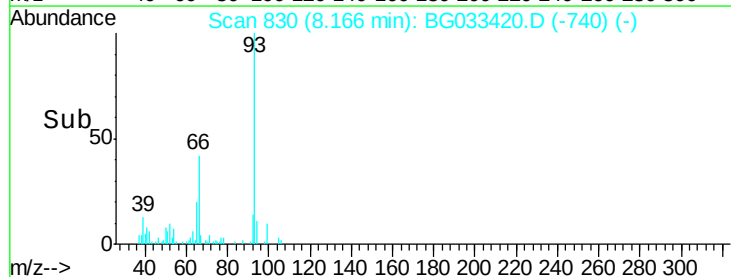
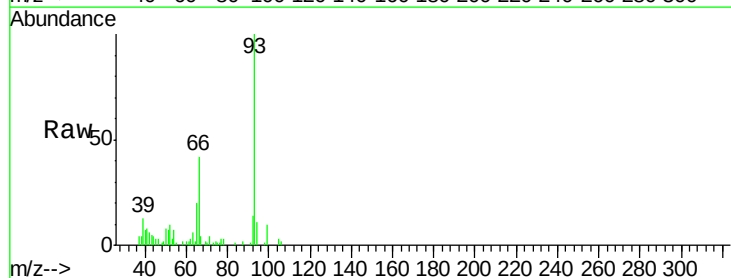
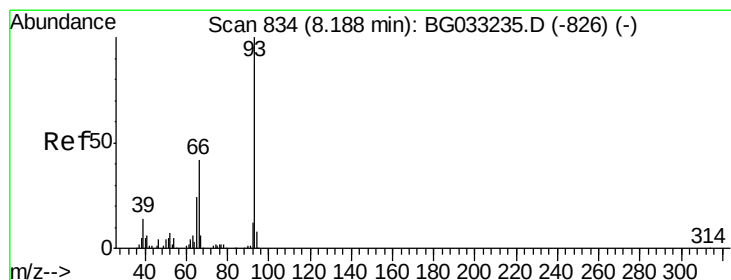
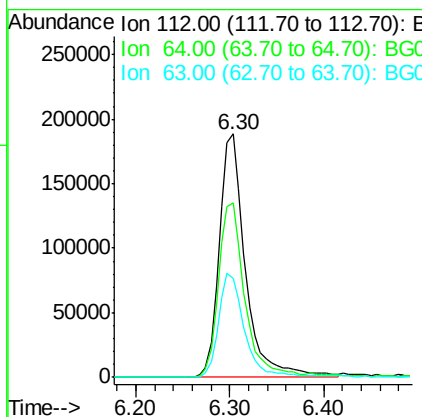
#5
2-Fluorophenol
Concen: 150.441 ng
RT: 6.30 min Scan# 513
Delta R.T. 0.01 min
Lab File: BG033420.D
Acq: 29 Mar 2018 14:13

Tot Ion	Ratio	Resp	Lower	Upper
112	100	366130		
64	71.8	56.3	84.5	
63	40.8	30.1	45.1	

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CL-02-032718-BMSD

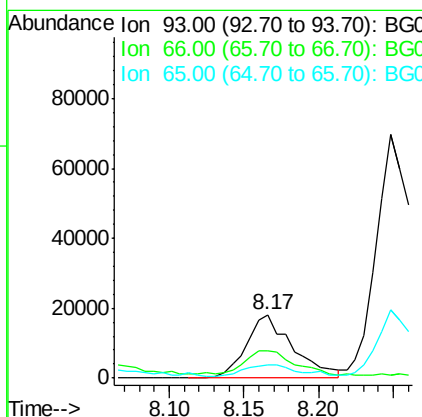
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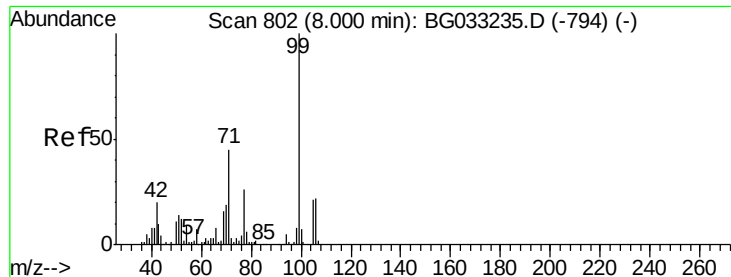
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#6
Aniline
Concen: 7.932 ng
RT: 8.17 min Scan# 830
Delta R.T. -0.00 min
Lab File: BG033420.D
Acq: 29 Mar 2018 14:13

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	39008		
66	42.5	33.7	50.5	
65	20.4	16.1	24.1	





#7

Phenol-d6

Concen: 128.650 ng

RT: 7.99 min Scan# 800

Delta R.T. 0.01 min

Lab File: BG033420.D

Acq: 29 Mar 2018 14:13

Instrument :

BNA_G

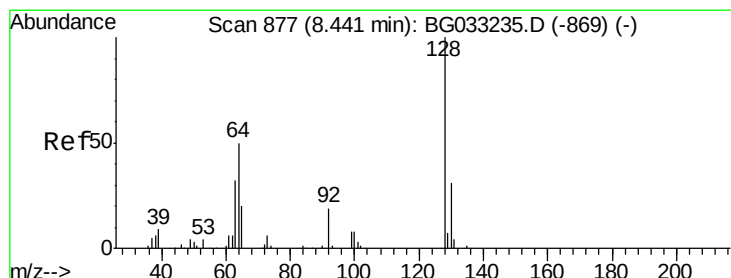
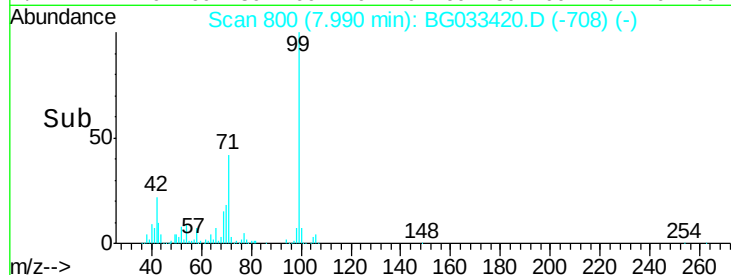
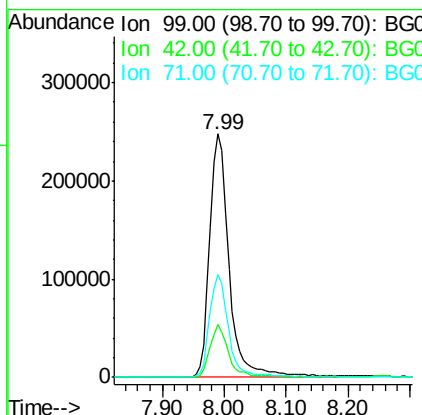
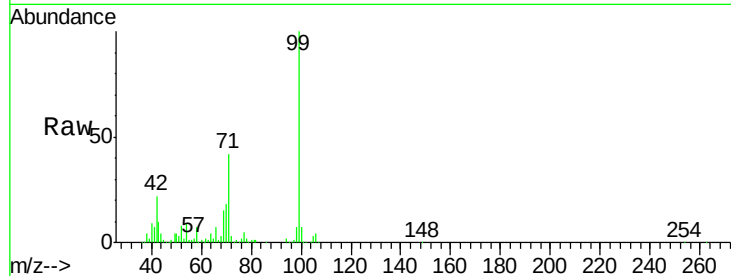
ClientSampleId :

CL-02-032718-BMSD

Tot Ion	99	Resp	537965
Ion	Ratio	Lower	Upper
99	100		
42	21.9	14.1	21.1#
71	42.5	26.1	39.1#

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#8

2-Chlorophenol

Concen: 50.497 ng

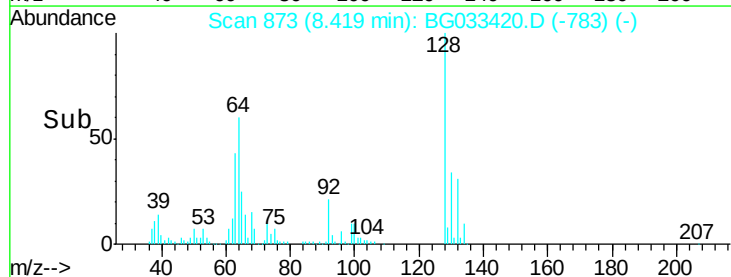
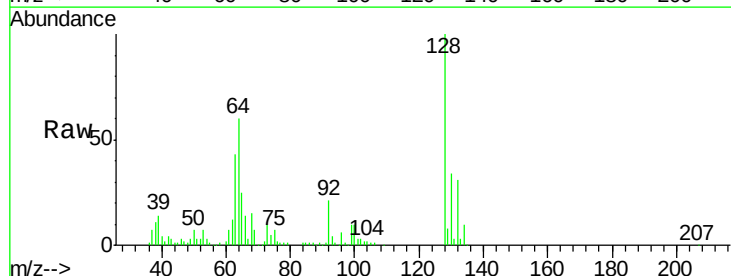
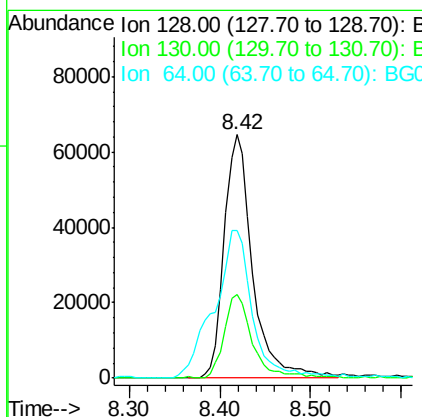
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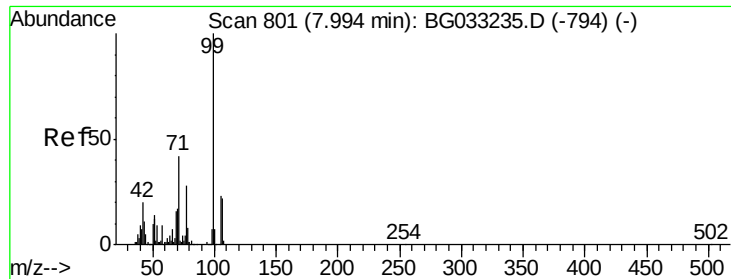
Delta R.T. -0.00 min

Lab File: BG033420.D

Acq: 29 Mar 2018 14:13

Tgt Ion	128	Resp	140495
Ion	Ratio	Lower	Upper
128	100		
130	34.2	14.0	54.0
64	60.4	37.7	77.7





#9

Benzaldehyde

Concen: 27.487 ng/mL

RT: 7.97 min Scan# 796

Delta R.T. -0.01 min

Lab File: BG033420.D

Acq: 29 Mar 2018 14:13

Instrument :

BNA_G

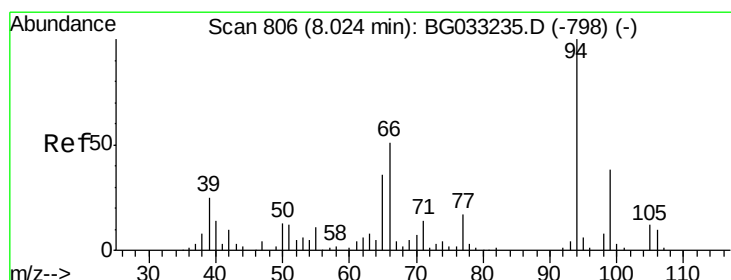
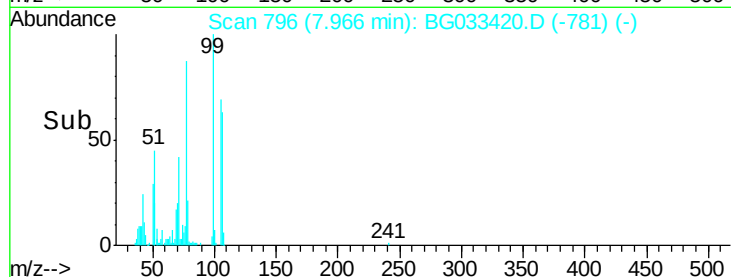
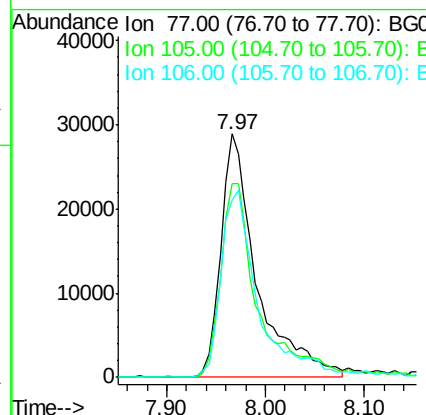
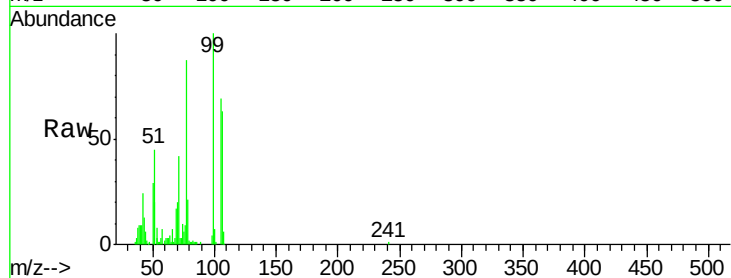
ClientSampleId :

CL-02-032718-BMSD

Tot Ion:	77	Resp:	73044
Ion	Ratio	Lower	Upper
77	100		
105	79.5	71.3	111.3
106	72.6	64.2	104.2

Manual Integrations
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#10

Phenol

Concen: 43.883 ng/mL

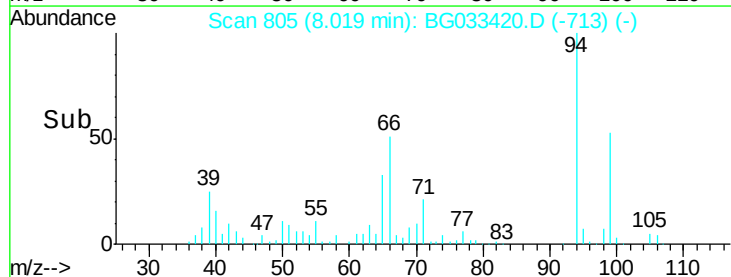
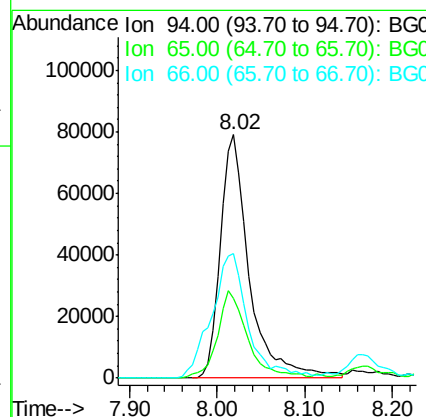
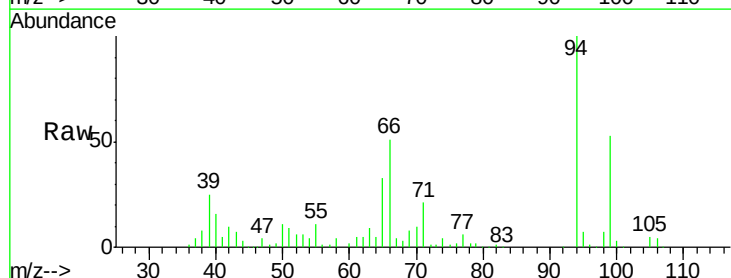
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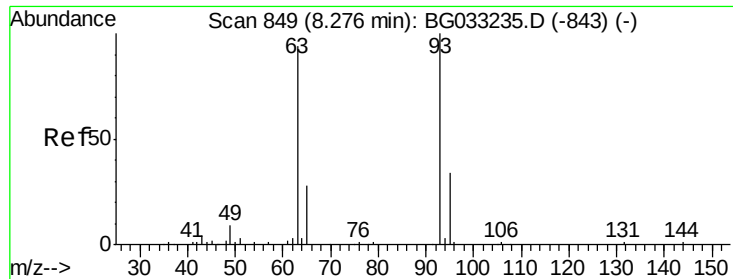
Delta R.T. 0.01 min

Lab File: BG033420.D

Acq: 29 Mar 2018 14:13

Tgt Ion:	94	Resp:	181175
Ion	Ratio	Lower	Upper
94	100		
65	32.8	11.9	51.9
66	51.4	22.2	62.2





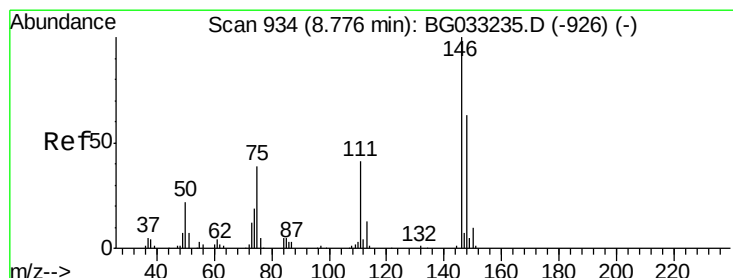
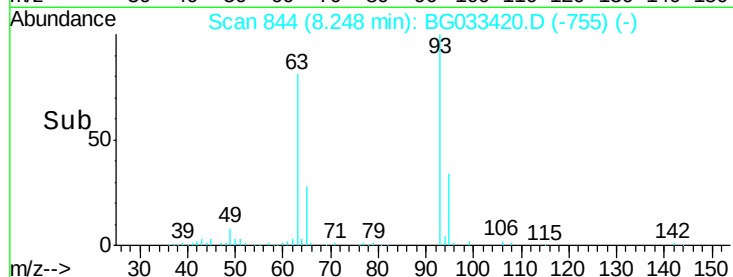
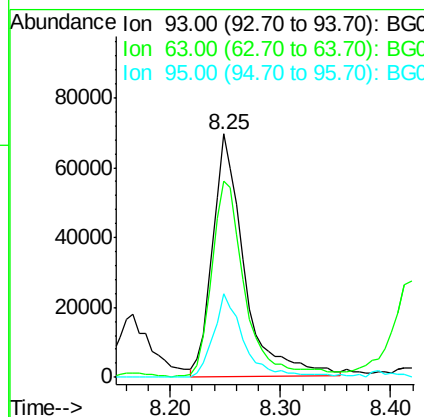
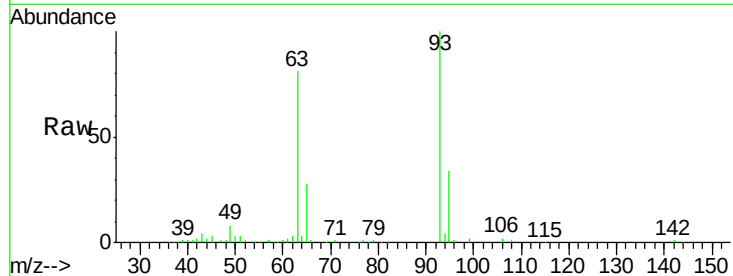
#11
bis(2-Chloroethyl)ether
Concen: 41.184 ng
RT: 8.25 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG033420.D
Acq: 29 Mar 2018 14:13

Instrument :
BNA_G
ClientSampleId :
CL-02-032718-BMSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	80.7	67.1	107.1
95	34.4	11.5	51.5

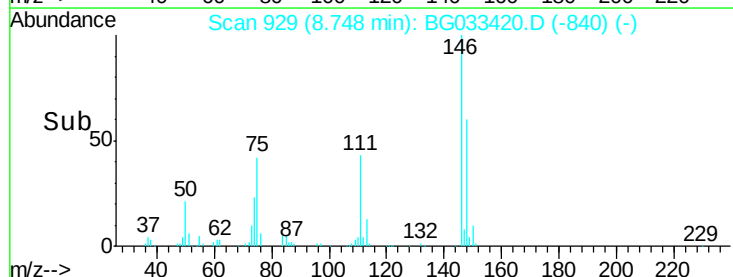
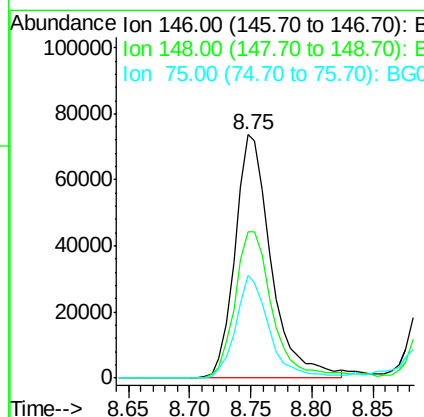
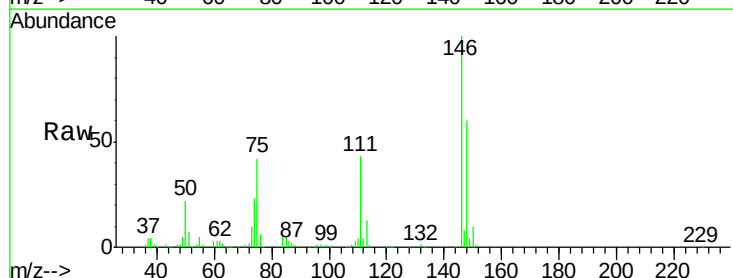
Manual Integrations
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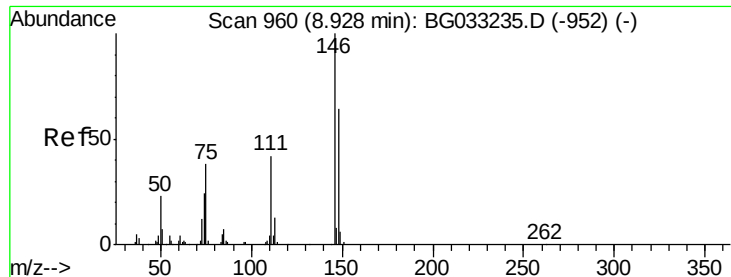
Sohil
3/29/2018 5:39:35 PM



#12
1,3-Dichlorobenzene
Concen: 41.694 ng m
RT: 8.75 min Scan# 929
Delta R.T. -0.01 min
Lab File: BG033420.D
Acq: 29 Mar 2018 14:13

Tgt Ion	Ratio	Lower	Upper
146	100		
148	59.9	51.4	77.2
75	42.0	26.6	39.8





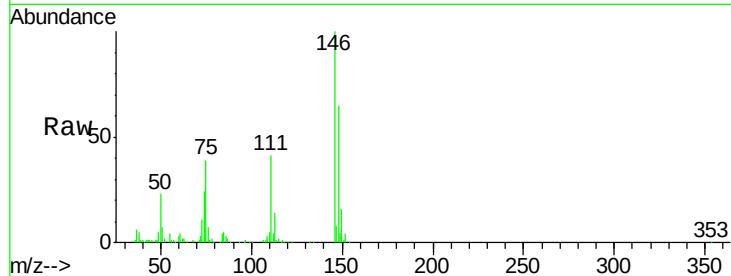
#13
 1,4-Dichlorobenzene
 Concen: 41.917 ng
 RT: 8.90 min Scan# 955
 Delta R.T. -0.01 min
 Lab File: BG033420.D
 Acq: 29 Mar 2018 14:13

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-032718-BMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.9	53.7	80.5
111	41.2	35.2	52.8

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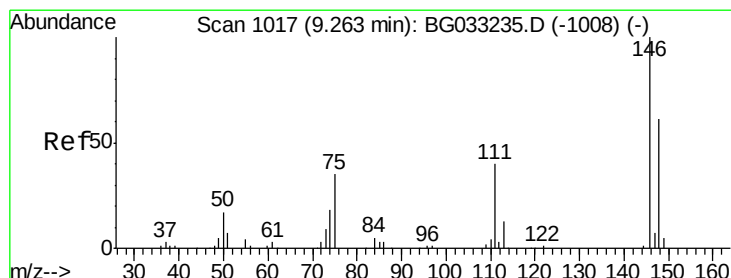
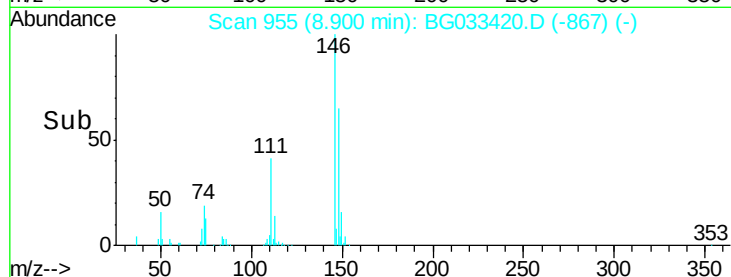
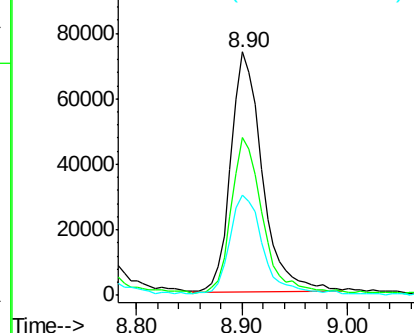


Abundance

Ion 146.00 (145.70 to 146.70): E

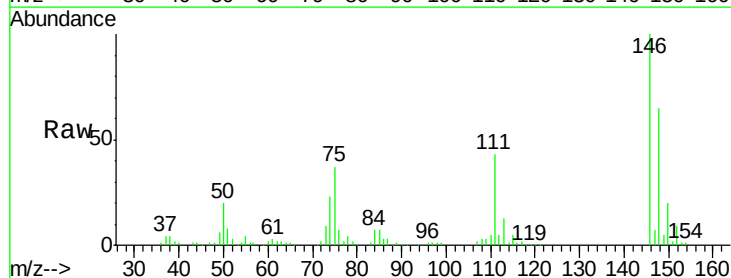
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 42.718 ng
 RT: 9.24 min Scan# 1012
 Delta R.T. -0.00 min
 Lab File: BG033420.D
 Acq: 29 Mar 2018 14:13

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.4	49.3	73.9
111	43.3	34.3	51.5

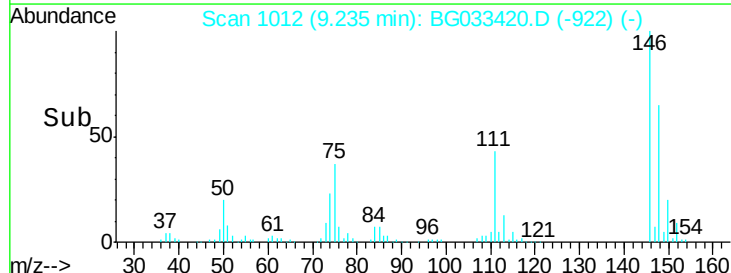
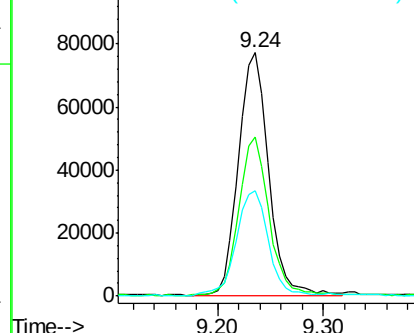


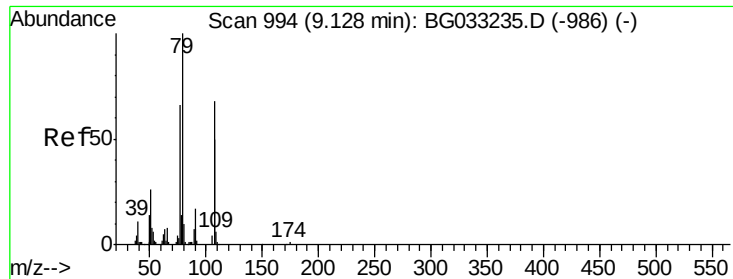
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 49.568 ng

RT: 9.11 min Scan# 990

Delta R.T. -0.00 min

Lab File: BG033420.D

Acq: 29 Mar 2018 14:13

Instrument :

BNA_G

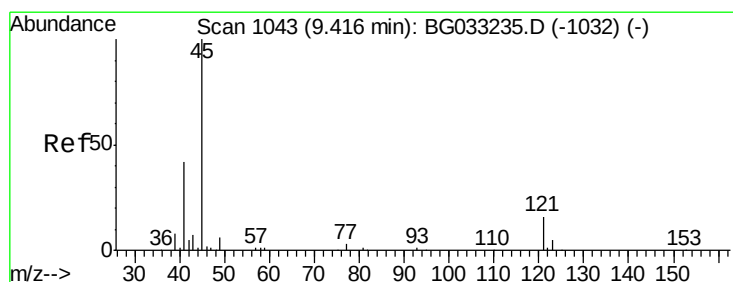
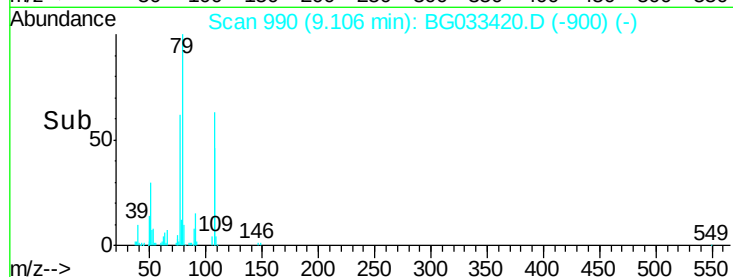
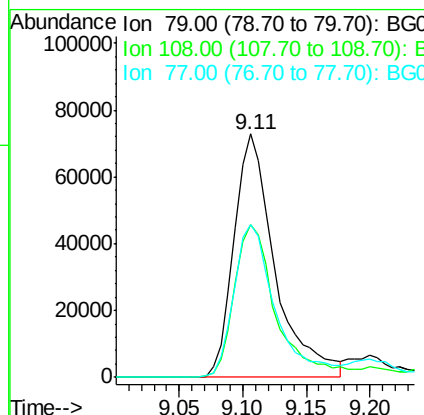
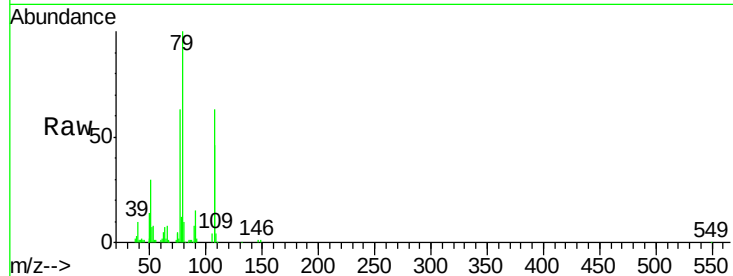
ClientSampleId :

CL-02-032718-BMSD

Tot Ion:	79	Resp:	163194
Ion Ratio	Lower	Upper	
79	100		
108	62.6	57.2	85.8
77	62.6	46.1	69.1

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#16

2,2'-oxybis(1-chloropropane)

Concen: 42.339 ng

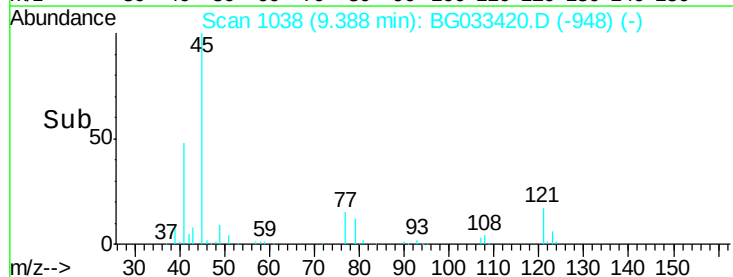
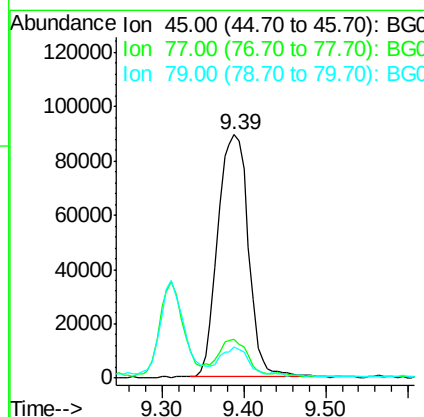
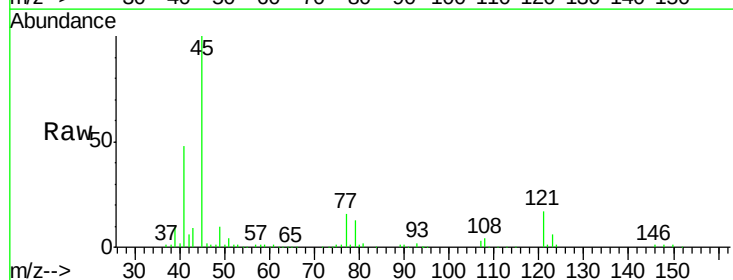
RT: 9.39 min Scan# 1038

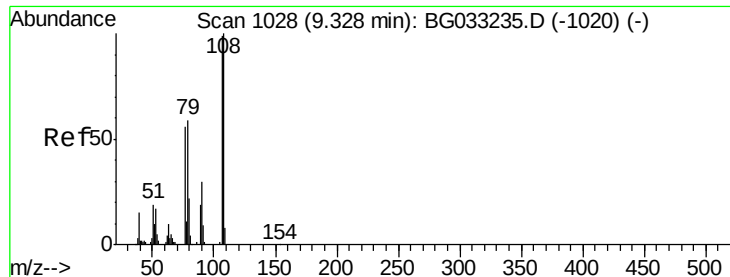
Delta R.T. -0.00 min

Lab File: BG033420.D

Acq: 29 Mar 2018 14:13

Tgt Ion:	45	Resp:	232592
Ion Ratio	Lower	Upper	
45	100		
77	16.1	0.0	30.2
79	12.6	0.0	27.9





#17

2-Methylphenol

Concen: 45.850 ng

RT: 9.31 min Scan# 1025

Delta R.T. 0.00 min

Lab File: BG033420.D

Acq: 29 Mar 2018 14:13

Instrument :

BNA_G

ClientSampleId :

CL-02-032718-BMSD

Tot Ion:107 Resp: 128952

Ion Ratio Lower Upper

107 100

108 113.5 83.9 125.9

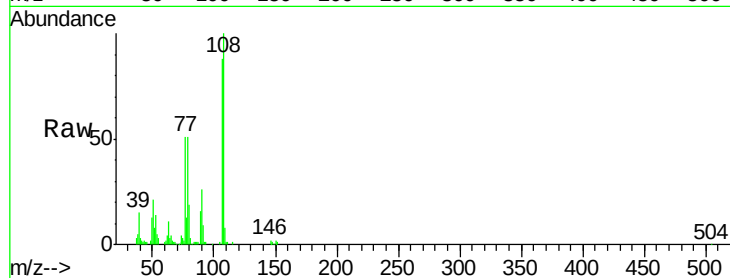
77 57.9 37.2 55.8#

79 58.3 36.2 54.2#

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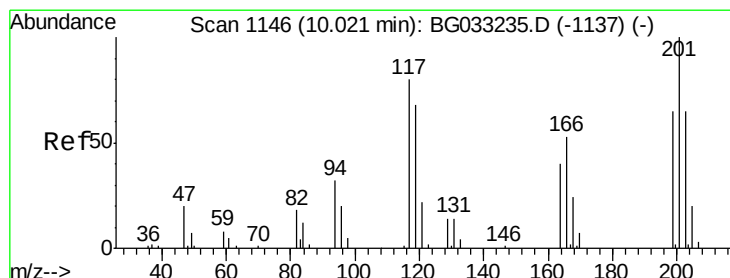
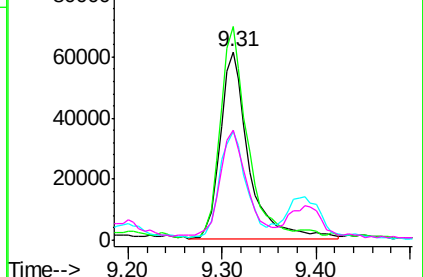
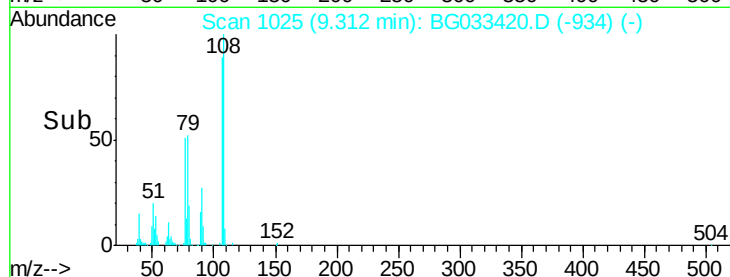


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18

Hexachloroethane

Concen: 43.446 ng

RT: 9.99 min Scan# 1140

Delta R.T. -0.01 min

Lab File: BG033420.D

Acq: 29 Mar 2018 14:13

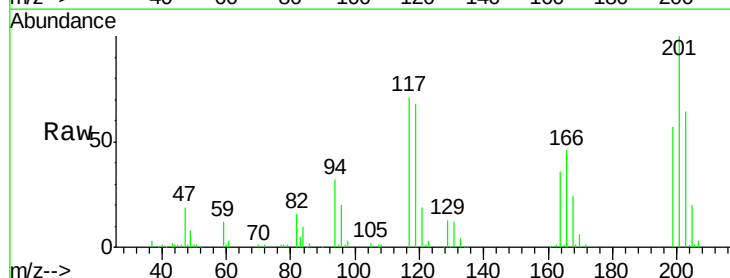
Tgt Ion:117 Resp: 61085

Ion Ratio Lower Upper

117 100

119 96.5 76.7 115.1

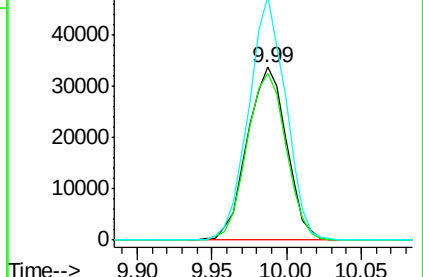
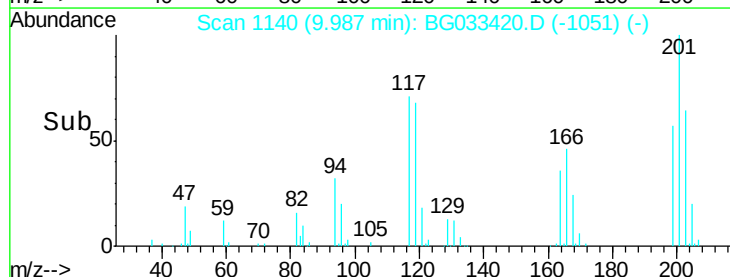
201 141.0 95.7 143.5

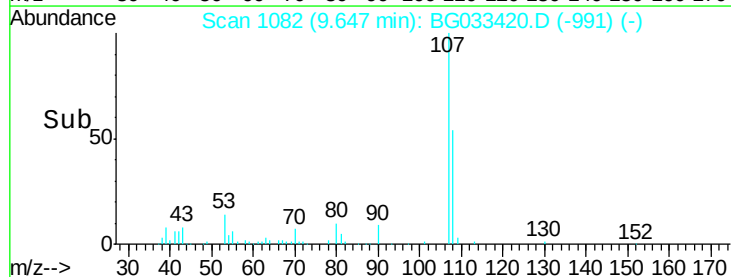
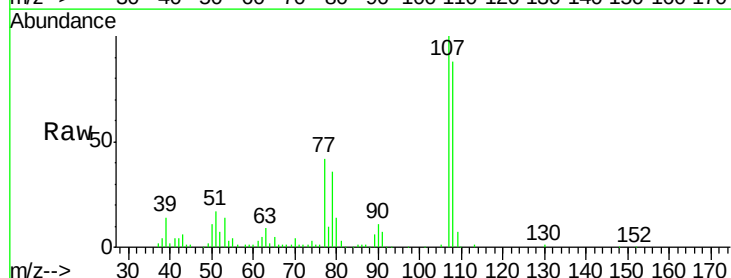
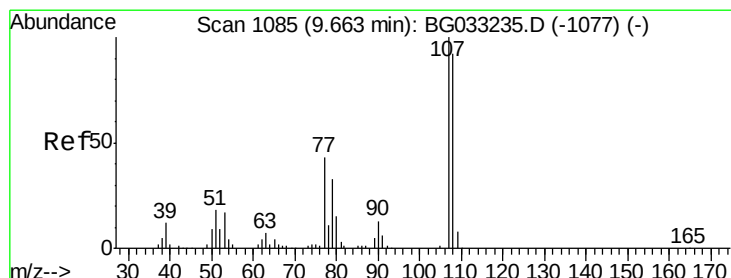
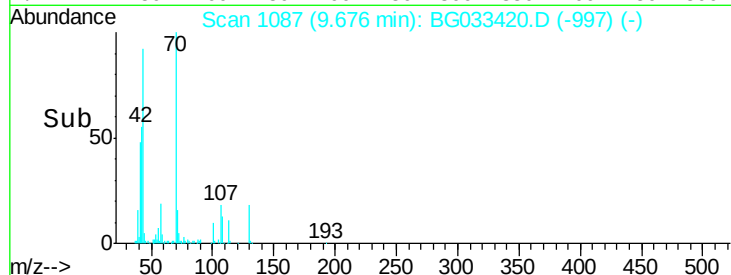
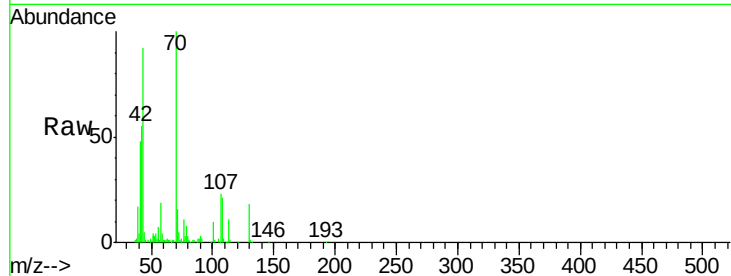
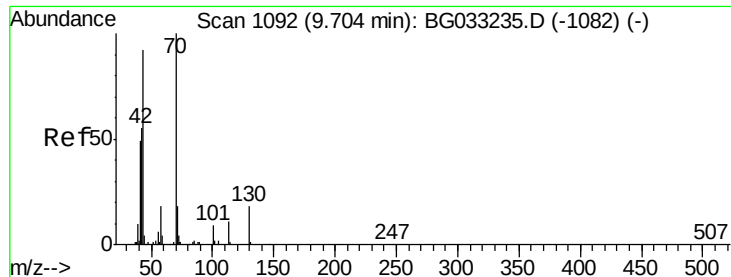


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

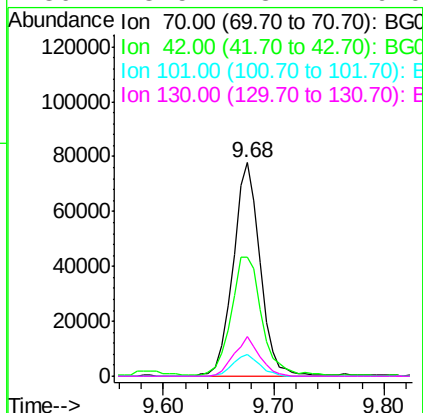
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 43.537 ng
RT: 9.68 min Scan# 1087
Delta R.T. -0.00 min
Lab File: BG033420.D
Acq: 29 Mar 2018 14:13

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	55.5	49.1	73.7	
101	10.0	8.5	12.7	
130	18.5	13.4	20.0	



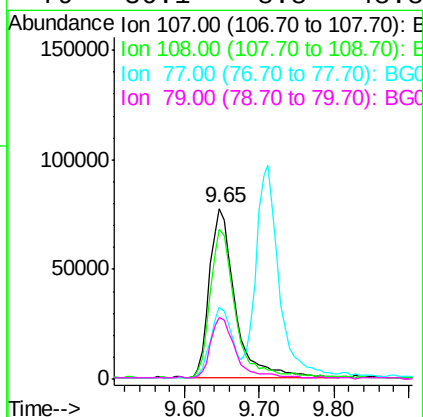
Instrument :
BNA_G
ClientSampleId :
CL-02-032718-BMSD

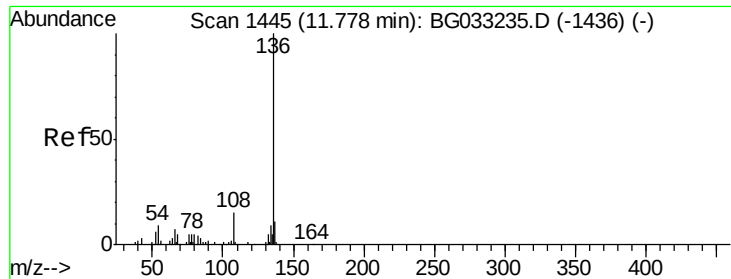
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3/29/2018 5:39:35 PM

#20
3+4-Methylphenols
Concen: 46.323 ng
RT: 9.65 min Scan# 1082
Delta R.T. 0.00 min
Lab File: BG033420.D
Acq: 29 Mar 2018 14:13

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.7	61.6	101.6	
77	42.2	13.9	53.9	
79	36.1	8.8	48.8	





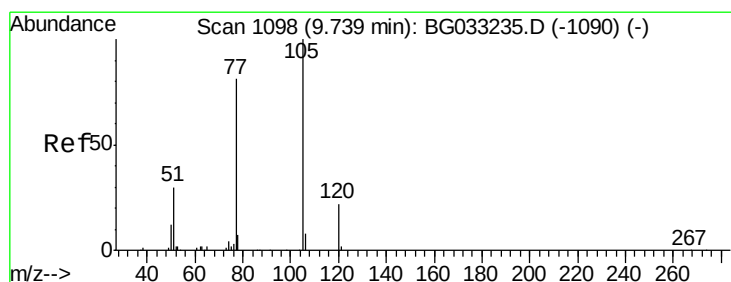
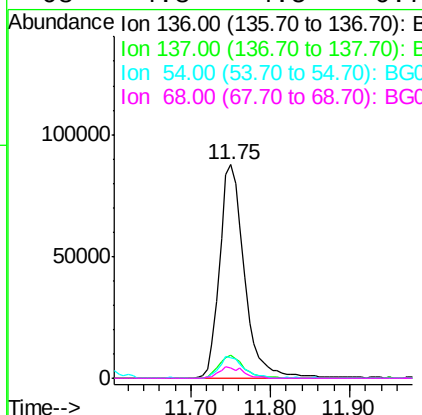
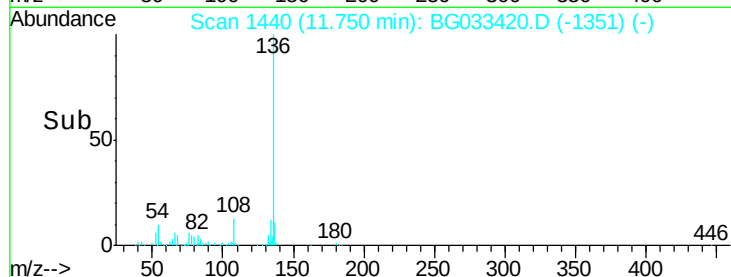
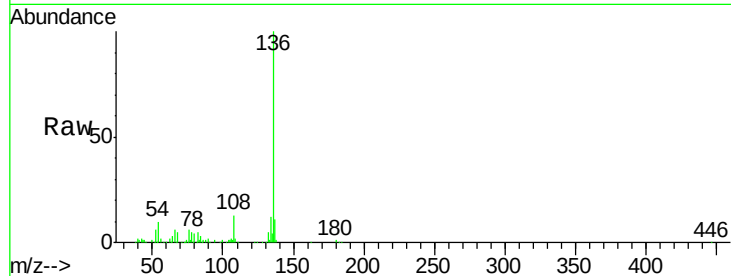
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.75 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BG033420.D
Acq: 29 Mar 2018 14:13

Instrument :
BNA_G
ClientSampleId :
CL-02-032718-BMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	190373		
137	10.6		9.2	13.8
54	9.9		10.3	15.5#
68	4.8		4.5	6.7

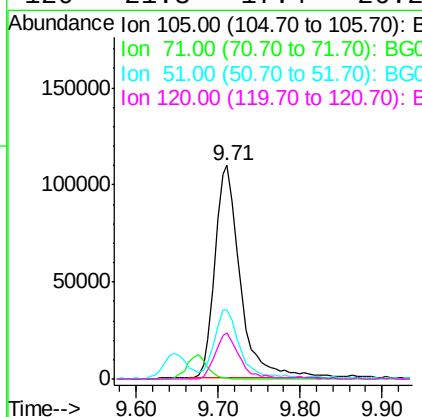
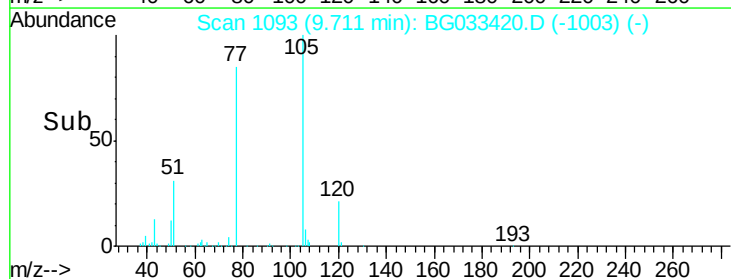
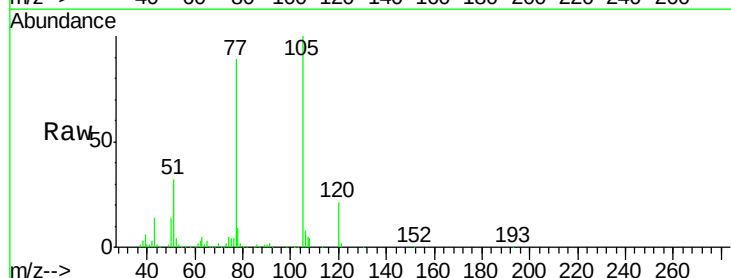
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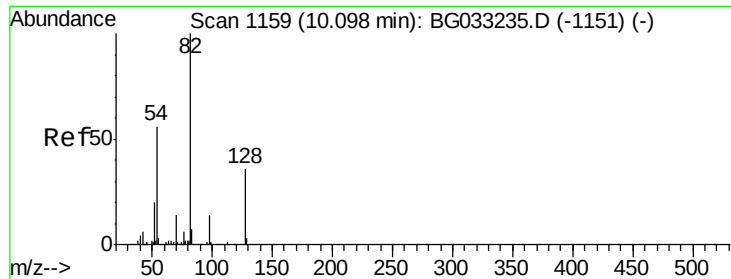
Sohil
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#22
Acetophenone
Concen: 45.730 ng
RT: 9.71 min Scan# 1093
Delta R.T. -0.00 min
Lab File: BG033420.D
Acq: 29 Mar 2018 14:13

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	238506		
71	0.4		3.0	4.4#
51	32.3		26.1	39.1
120	21.3		17.4	26.2





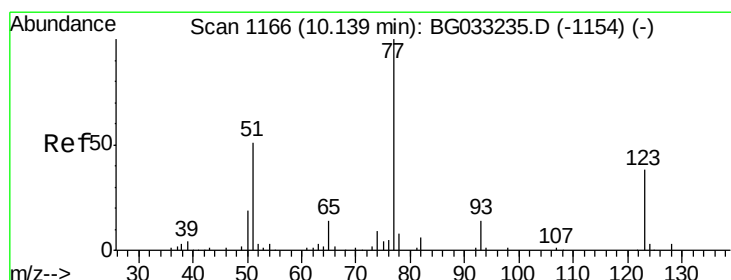
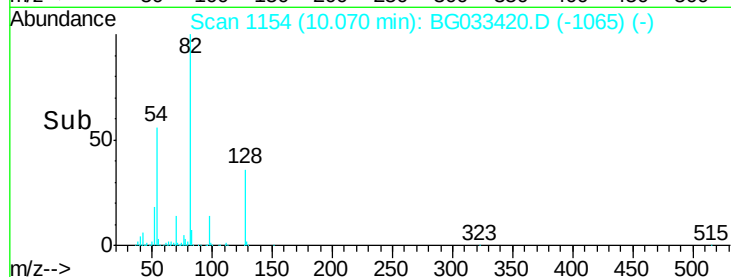
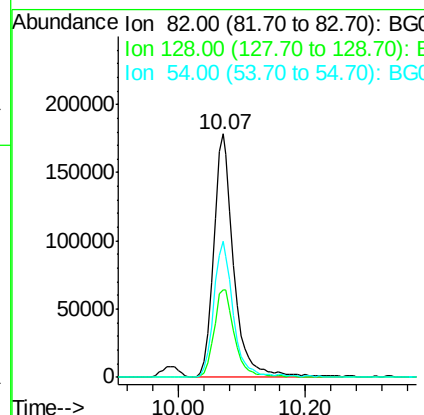
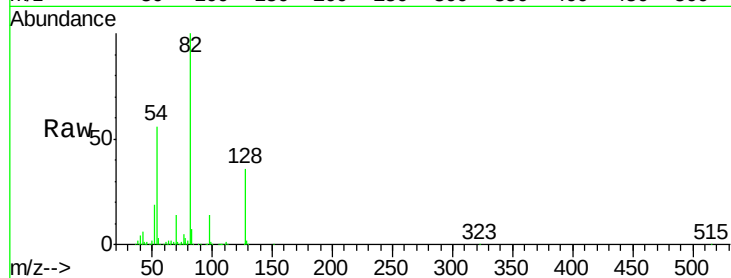
#23
 Nitrobenzene-d5
 Concen: 95.950 ng
 RT: 10.07 min Scan# 1154
 Delta R.T. -0.01 min
 Lab File: BG033420.D
 Acq: 29 Mar 2018 14:13

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-032718-BMSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	36.1	29.7	44.5
54	55.9	43.1	64.7

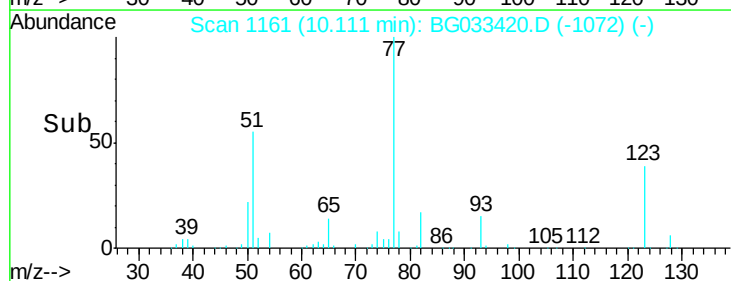
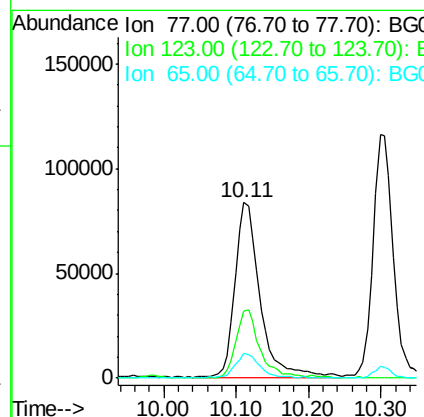
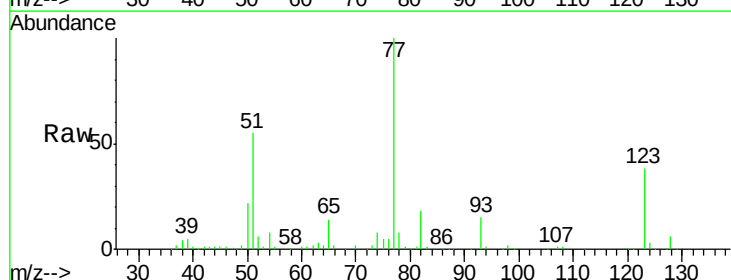
Manual Integrations
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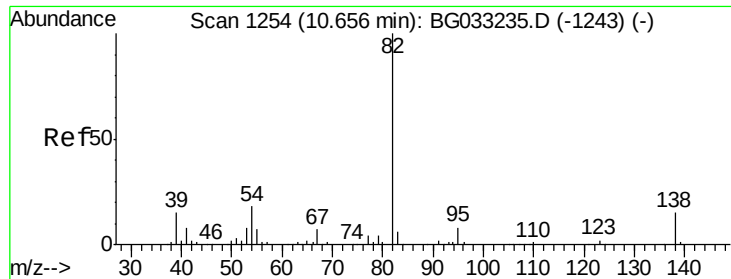
Sohil
 3/29/2018 5:39:35 PM



#24
 Nitrobenzene
 Concen: 44.826 ng
 RT: 10.11 min Scan# 1161
 Delta R.T. -0.01 min
 Lab File: BG033420.D
 Acq: 29 Mar 2018 14:13

Tgt Ion	Ratio	Lower	Upper
77	100		
123	38.2	33.0	49.6
65	14.4	13.0	19.6





#25

Isophorone

Concen: 46.925 ng

RT: 10.63 min Scan# 1249

Delta R.T. -0.01 min

Lab File: BG033420.D

Acq: 29 Mar 2018 14:13

Instrument :

BNA_G

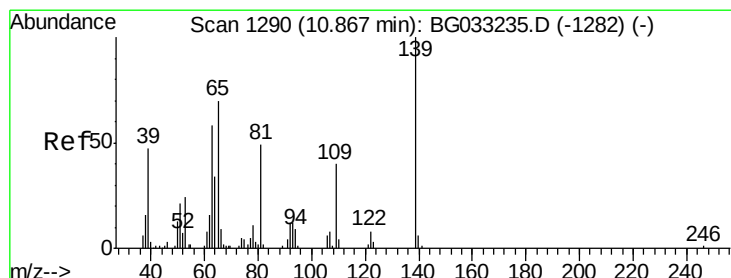
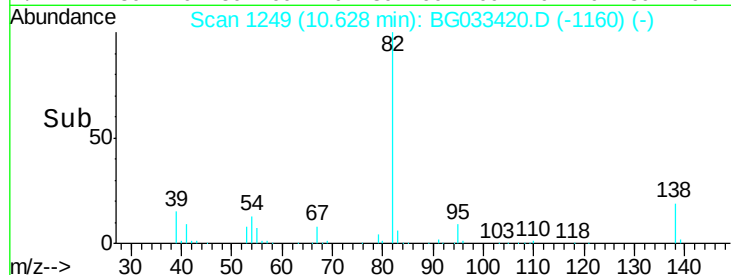
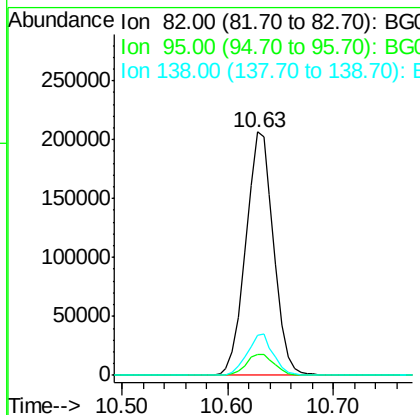
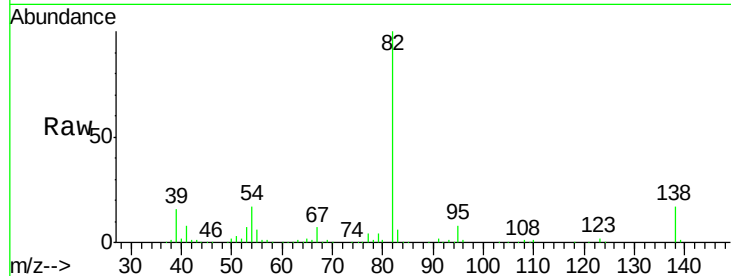
ClientSampleId :

CL-02-032718-BMSD

Tot Ion:	82	Resp:	377374
Ion Ratio		Lower	Upper
82	100		
95	8.4	6.2	9.2
138	16.7	12.1	18.1

Manual Integrations
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#26

2-Nitrophenol

Concen: 49.773 ng

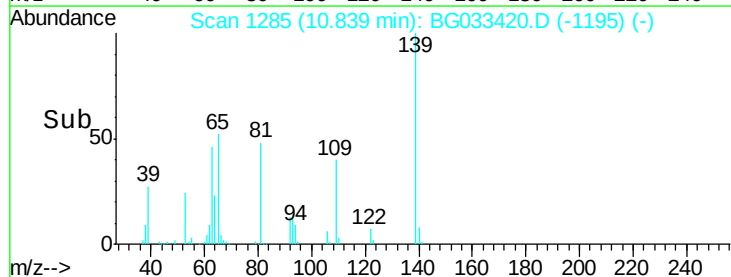
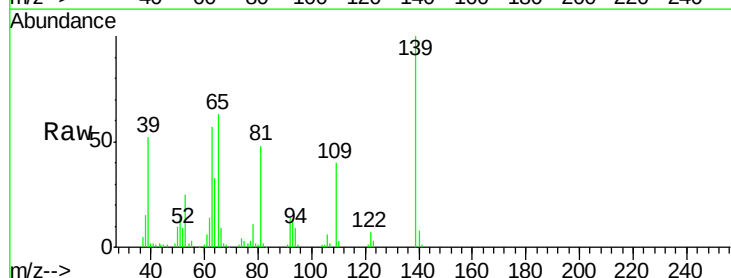
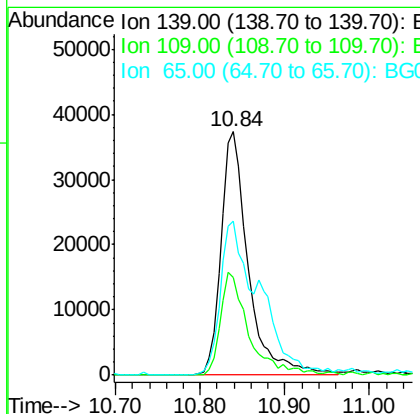
RT: 10.84 min Scan# 1285

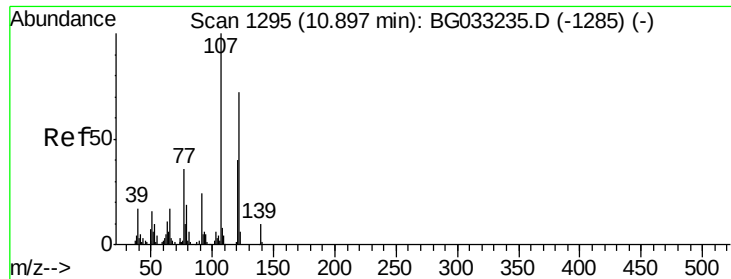
Delta R.T. -0.00 min

Lab File: BG033420.D

Acq: 29 Mar 2018 14:13

Tgt Ion:	139	Resp:	83575
Ion Ratio		Lower	Upper
139	100		
109	40.1	24.2	36.2
65	63.4	47.4	71.0





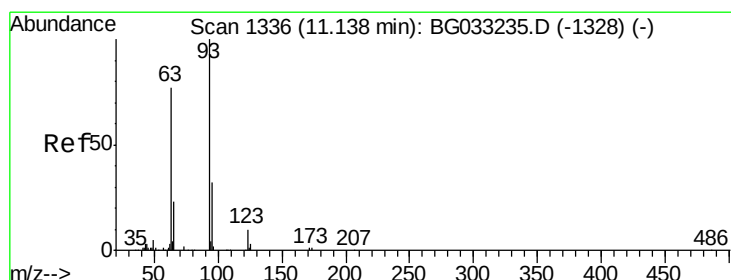
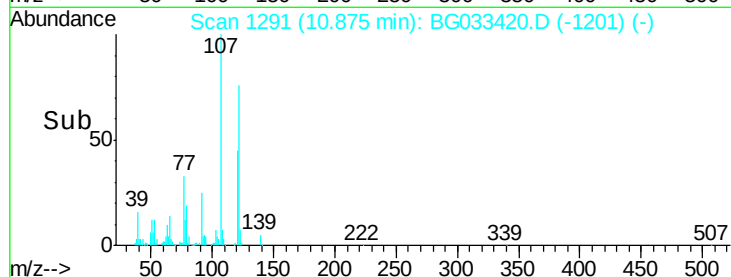
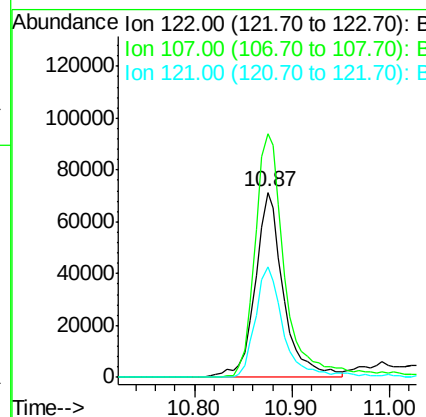
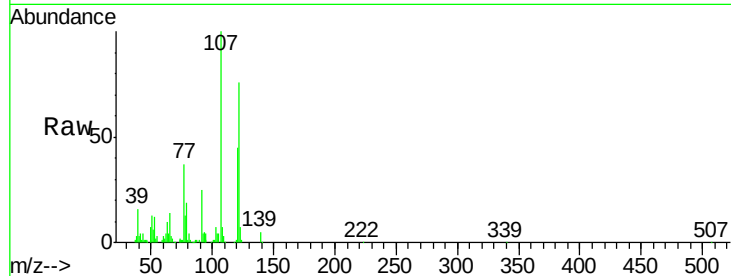
#27
 2,4-Dimethylphenol
 Concen: 59.837 ng
 RT: 10.87 min Scan# 1291
 Delta R.T. -0.00 min
 Lab File: BG033420.D
 Acq: 29 Mar 2018 14:13

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-032718-BMSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	131.8	100.2	150.2
121	59.7	44.4	66.6

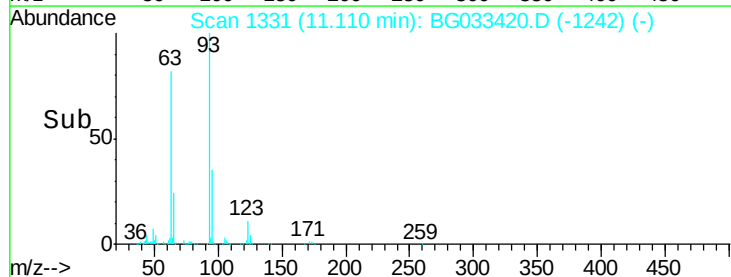
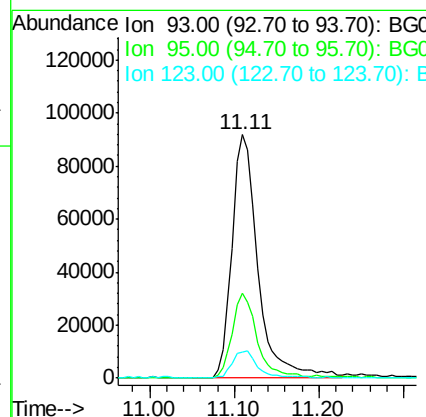
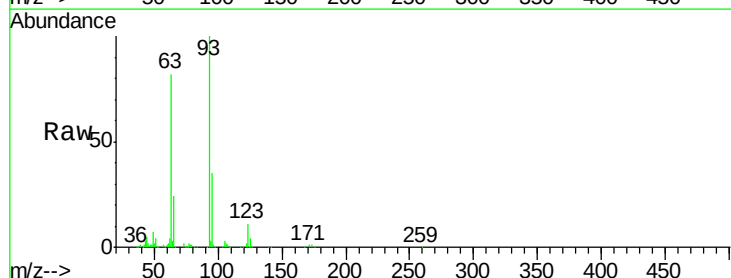
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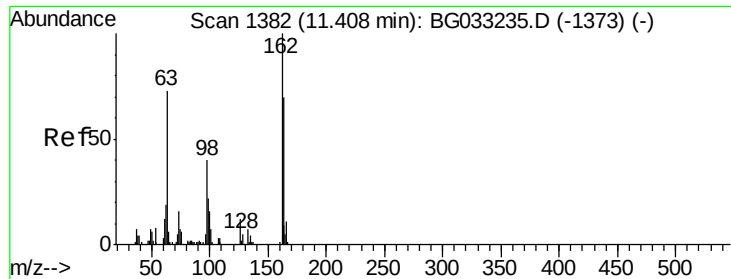
Sohil
 3/29/2018 5:39:35 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 48.655 ng
 RT: 11.11 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BG033420.D
 Acq: 29 Mar 2018 14:13

Tgt Ion	Ratio	Lower	Upper
93	100		
95	35.1	24.3	36.5
123	10.6	8.4	12.6





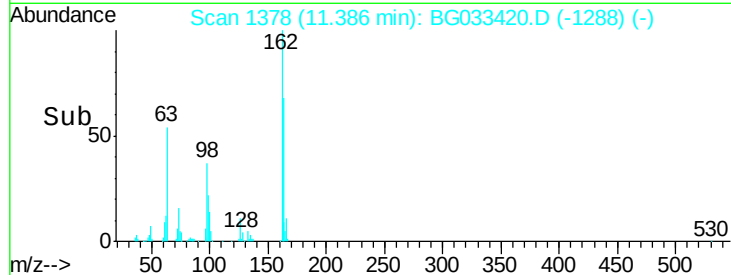
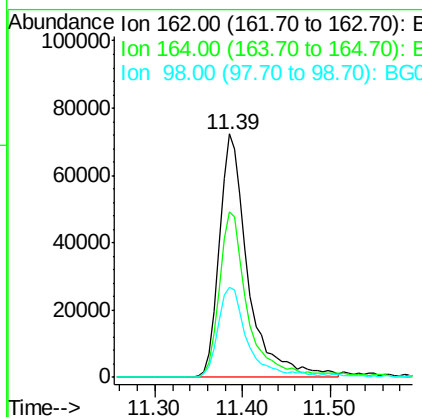
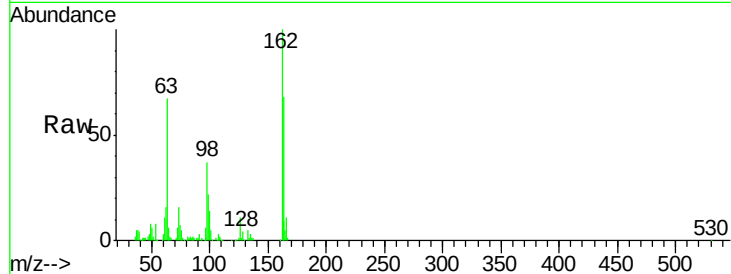
#29
2,4-Dichlorophenol
Concen: 54.401 ng
RT: 11.39 min Scan# 1378
Delta R.T. -0.00 min
Lab File: BG033420.D
Acq: 29 Mar 2018 14:13

Instrument :
BNA_G
ClientSampleId :
CL-02-032718-BMSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	163192		
164	67.8	48.0	88.0	
98	36.9	21.1	61.1	

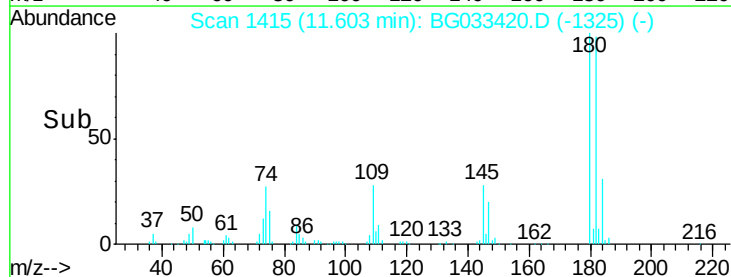
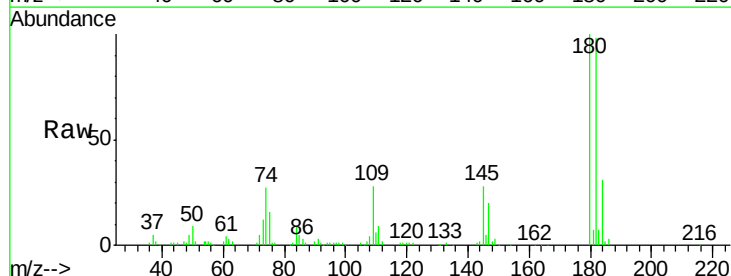
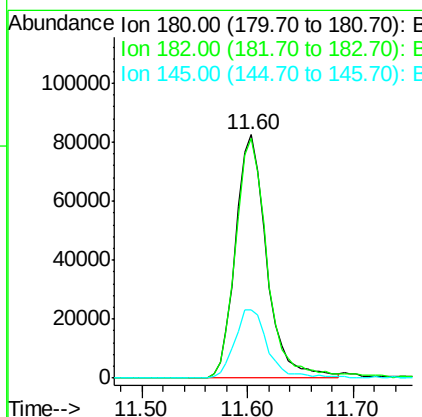
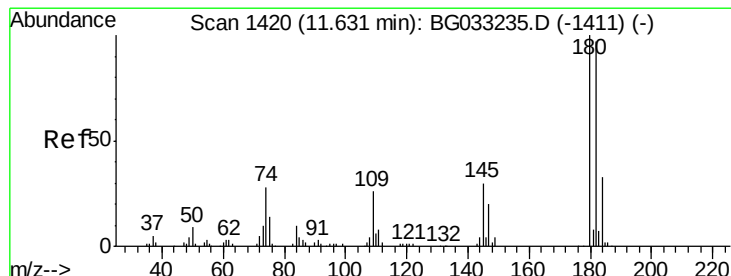
Manual Integrations
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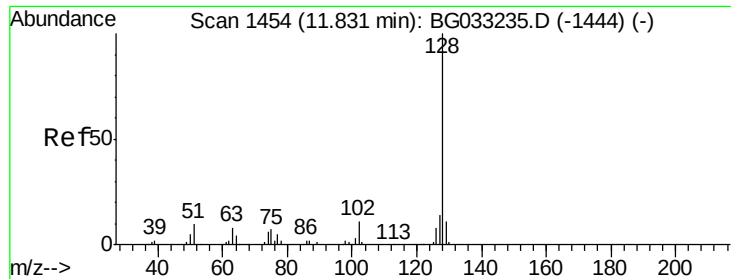
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#30
1,2,4-Trichlorobenzene
Concen: 43.251 ng
RT: 11.60 min Scan# 1415
Delta R.T. -0.00 min
Lab File: BG033420.D
Acq: 29 Mar 2018 14:13

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	168570		
182	98.3	77.5	116.3	
145	28.1	23.4	35.2	





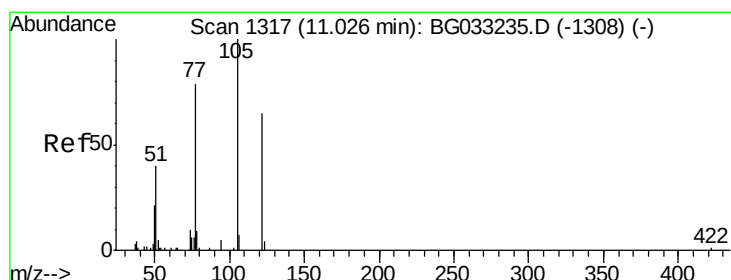
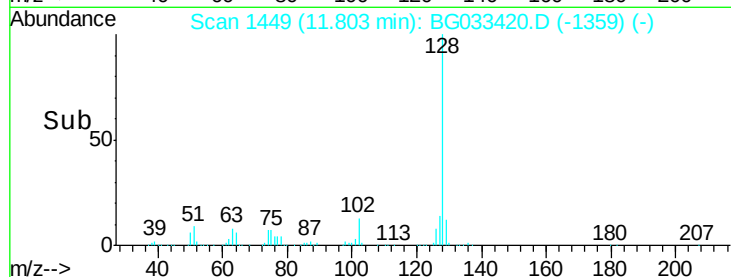
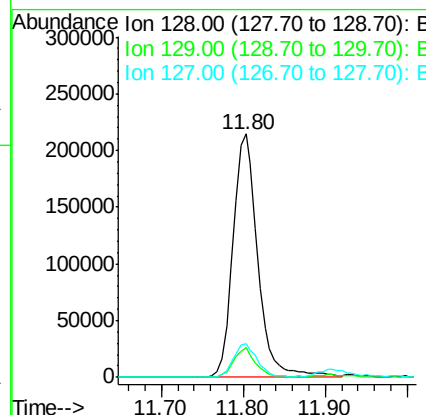
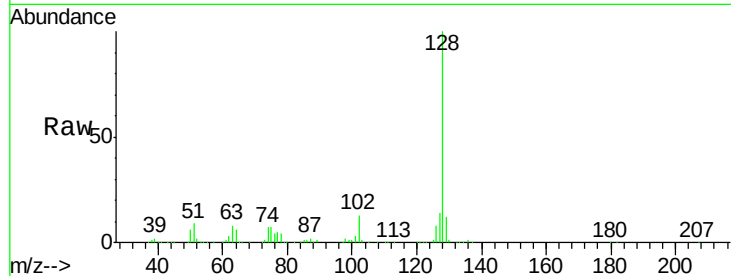
#31
Naphthalene
Concen: 45.923 ng
RT: 11.80 min Scan# 1449
Delta R.T. -0.00 min
Lab File: BG033420.D
Acq: 29 Mar 2018 14:13

Instrument :
BNA_G
ClientSampleId :
CL-02-032718-BMSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100	453035		
129	12.2		8.6	12.8
127	14.1		11.6	17.4

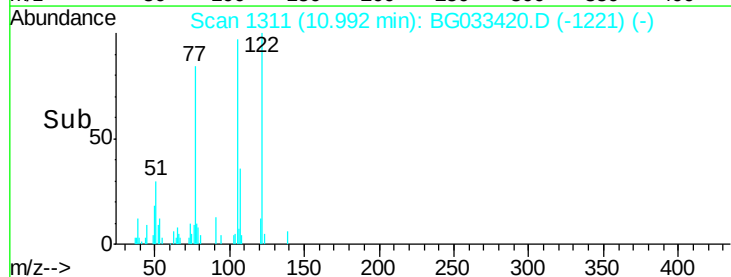
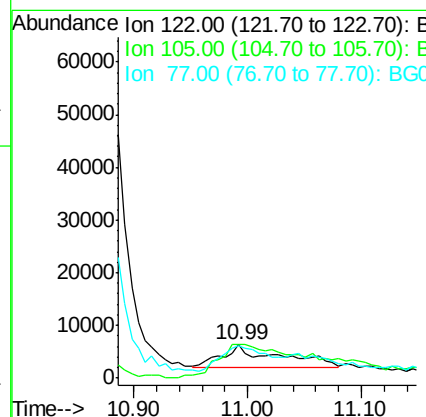
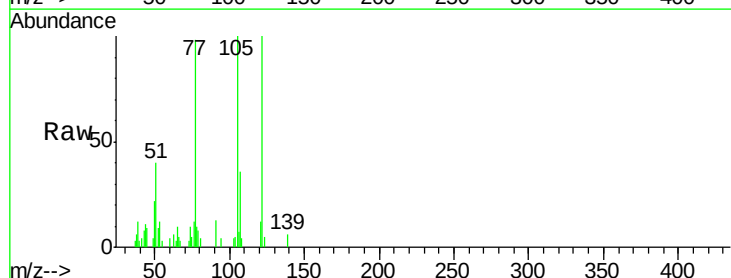
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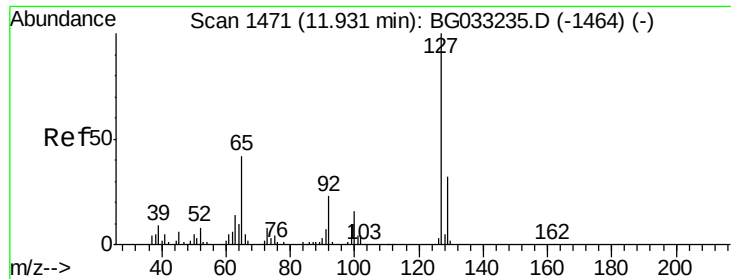
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#32
Benzoic acid
Concen: 6.538 ng m
RT: 10.99 min Scan# 1311
Delta R.T. -0.00 min
Lab File: BG033420.D
Acq: 29 Mar 2018 14:13

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	14826		
105	99.8		123.5	163.5#
77	98.1		85.7	125.7





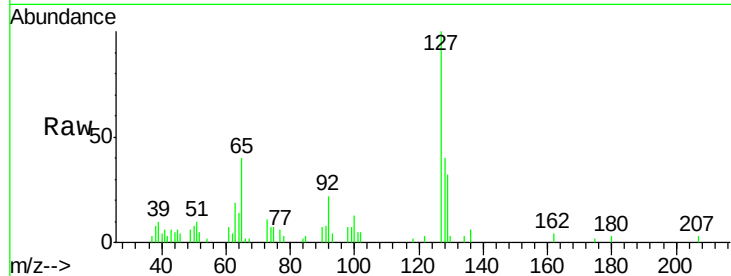
#33
4-Chloroaniline
Concen: 4.035 ng
RT: 11.91 min Scan# 1467
Delta R.T. 0.00 min
Lab File: BG033420.D
Acq: 29 Mar 2018 14:13

Instrument :
BNA_G
ClientSampleId :
CL-02-032718-BMSD

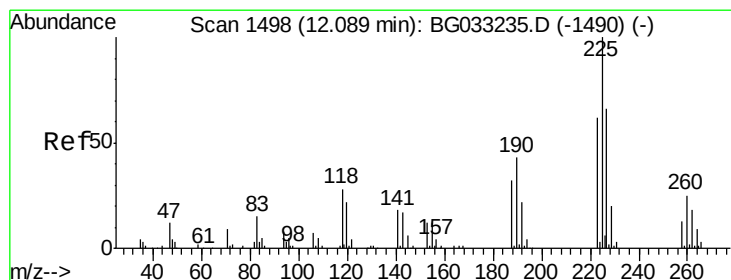
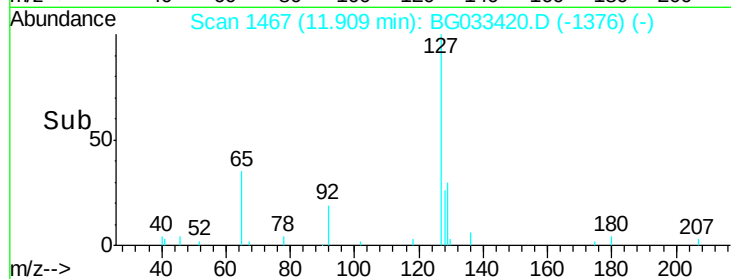
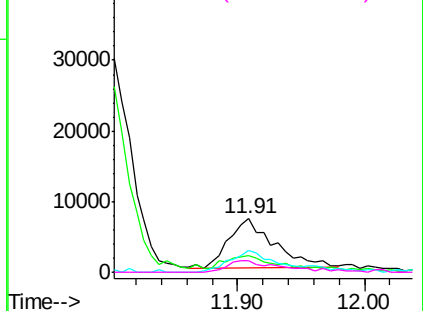
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.5	24.0	36.0		
65	40.2	27.0	40.4		
92	21.6	16.6	25.0		

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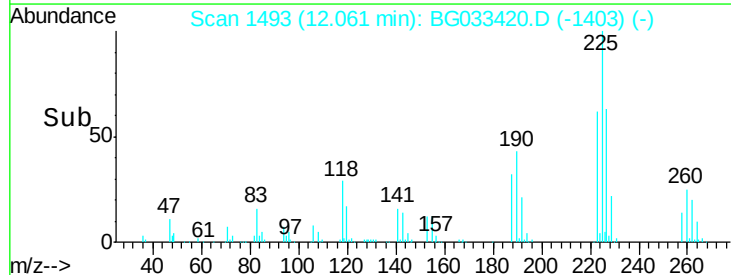
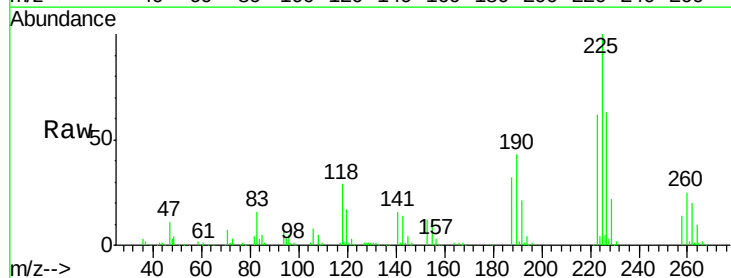
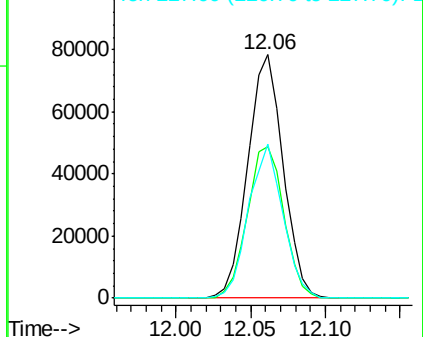
Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

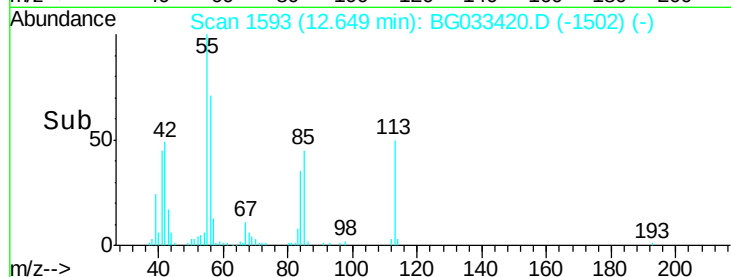
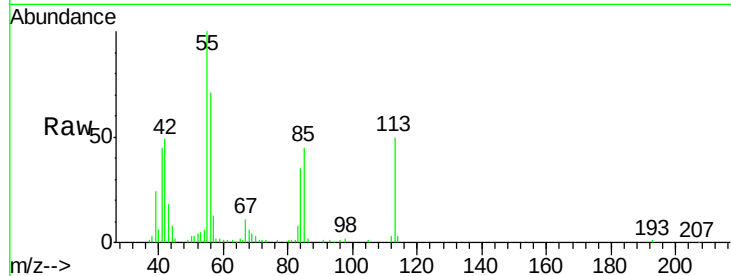
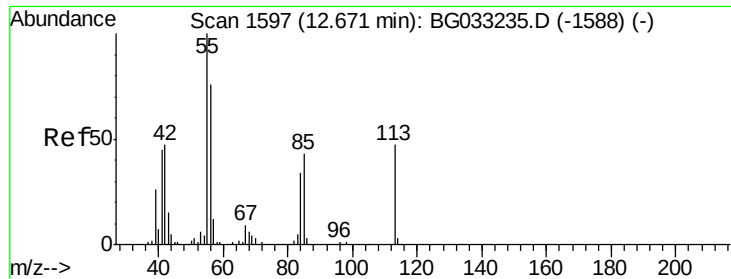


#34
Hexachlorobutadiene
Concen: 43.415 ng
RT: 12.06 min Scan# 1493
Delta R.T. -0.00 min
Lab File: BG033420.D
Acq: 29 Mar 2018 14:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	65.8	49.7	74.5		
227	63.4	48.1	72.1		

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





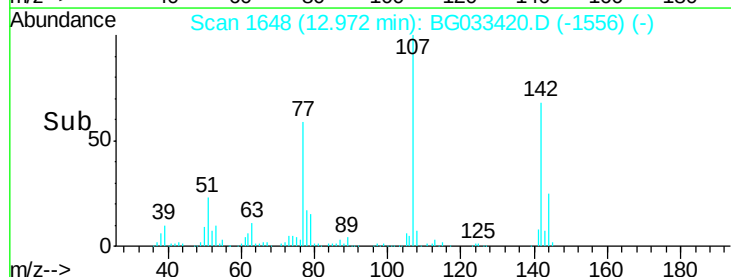
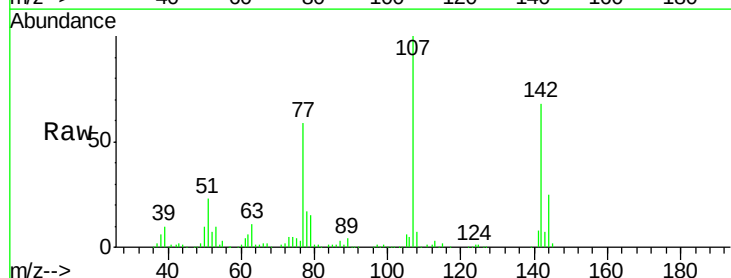
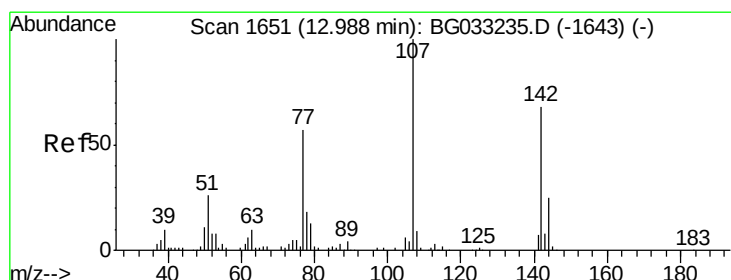
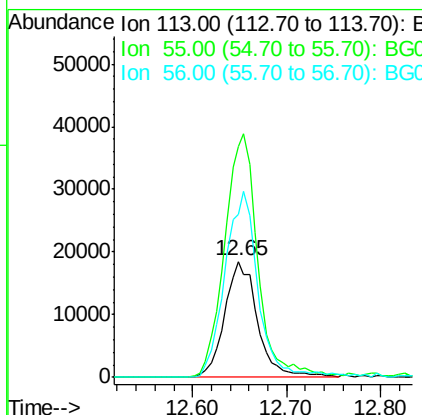
#35
Caprolactam
Concen: 38.052 ng
RT: 12.65 min Scan# 1593
Delta R.T. 0.00 min
Lab File: BG033420.D
Acq: 29 Mar 2018 14:13

Tot Ion:113 Resp: 44720
Ion Ratio Lower Upper
113 100
55 199.2 186.9 226.9
56 141.1 130.9 170.9

Instrument :
BNA_G
ClientSampleId :
CL-02-032718-BMSD

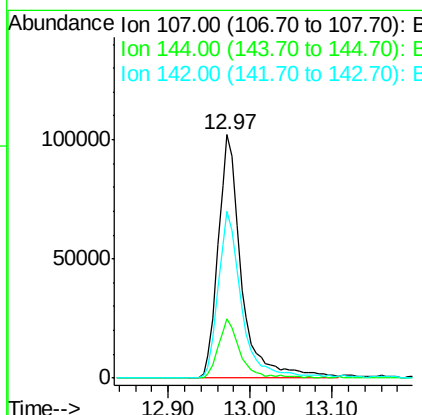
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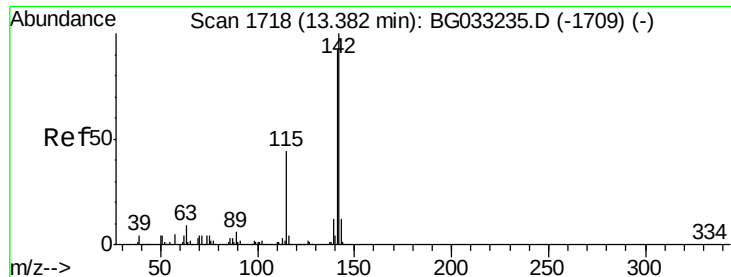
Sohil
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#36
4-Chloro-3-methylphenol
Concen: 51.707 ng
RT: 12.97 min Scan# 1648
Delta R.T. 0.01 min
Lab File: BG033420.D
Acq: 29 Mar 2018 14:13

Tgt Ion:107 Resp: 202307
Ion Ratio Lower Upper
107 100
144 24.5 18.2 27.4
142 68.5 59.0 88.4





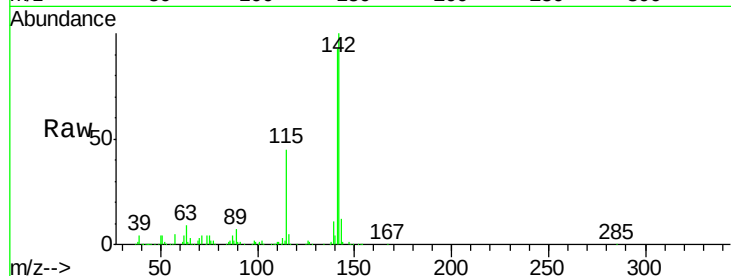
#37
2-Methylnaphthalene
Concen: 44.652 ng
RT: 13.35 min Scan# 1713
Delta R.T. -0.00 min
Lab File: BG033420.D
Acq: 29 Mar 2018 14:13

Instrument :
BNA_G
ClientSampleId :
CL-02-032718-BMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	93.1	67.1	100.7
115	45.1	30.7	46.1

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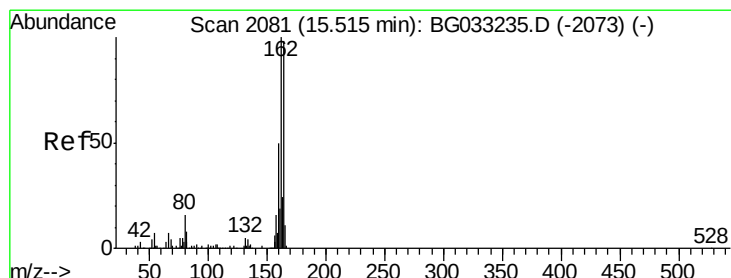
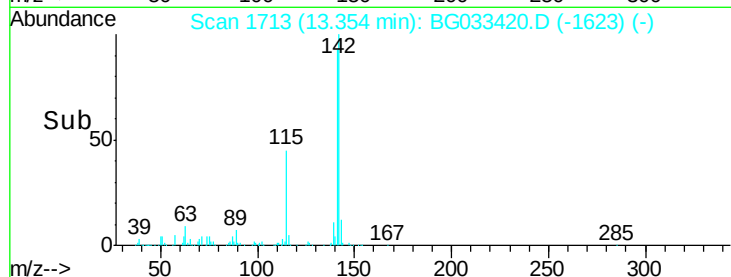
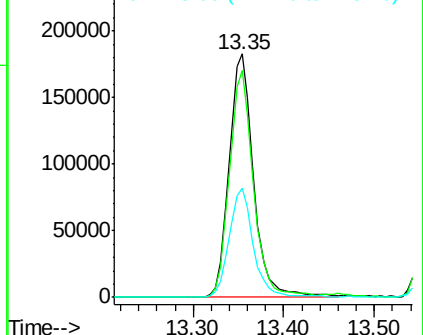


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.49 min Scan# 2076
Delta R.T. -0.00 min
Lab File: BG033420.D
Acq: 29 Mar 2018 14:13

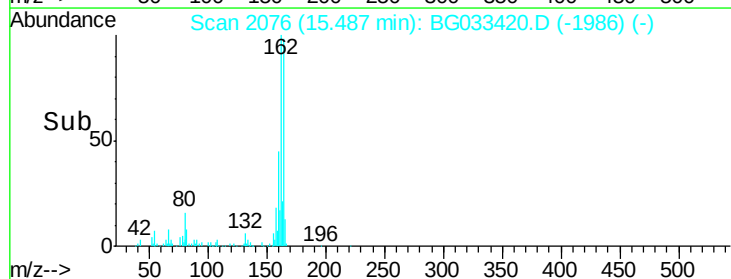
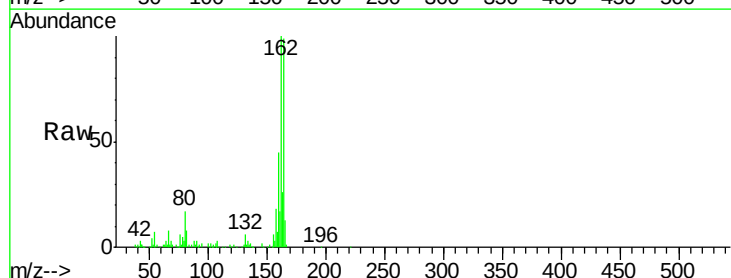
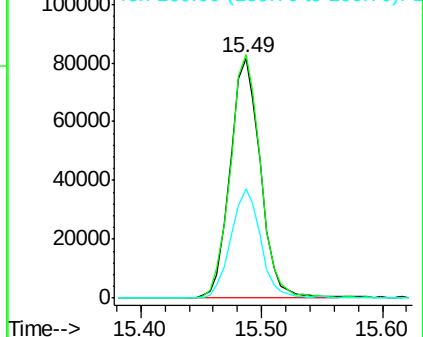
Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.5	78.8	118.2
160	45.3	35.4	53.0

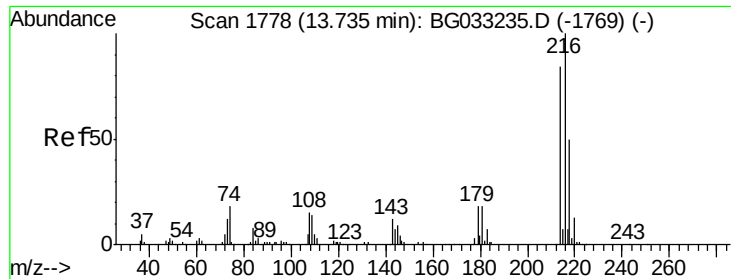
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





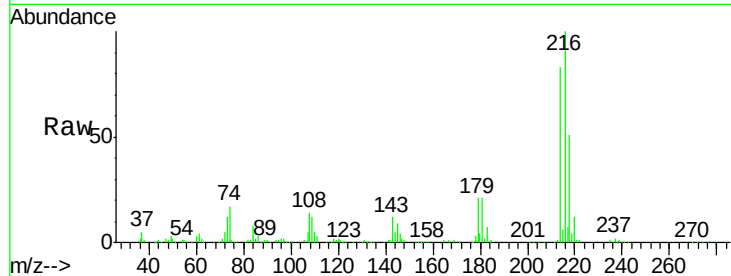
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.038 ng
 RT: 13.71 min Scan# 1773
 Delta R.T. -0.00 min
 Lab File: BG033420.D
 Acq: 29 Mar 2018 14:13

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-032718-BMSD

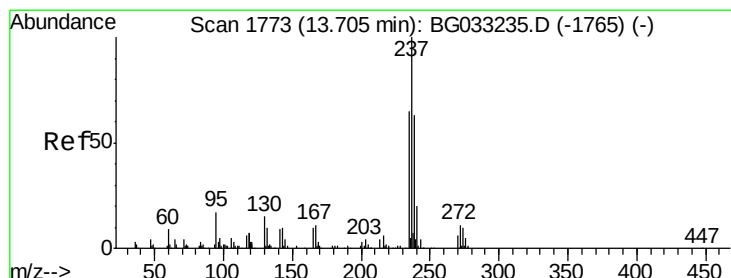
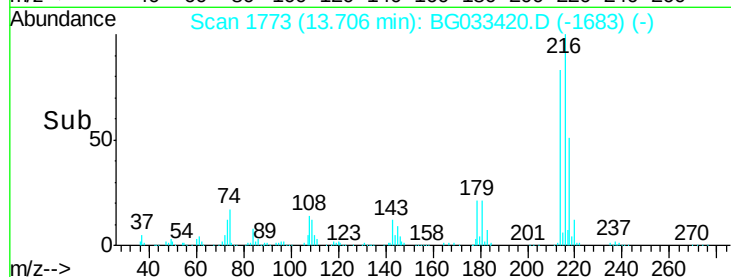
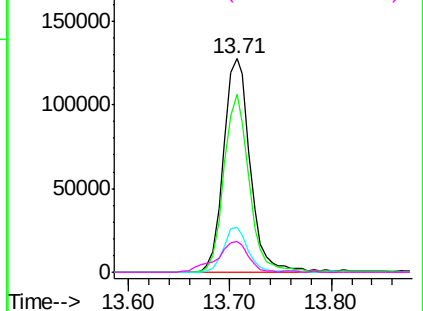
Tot Ion	Ratio	Lower	Upper
216	100		
214	79.3	63.0	94.4
179	19.9	17.0	25.6
108	17.3	12.8	19.2

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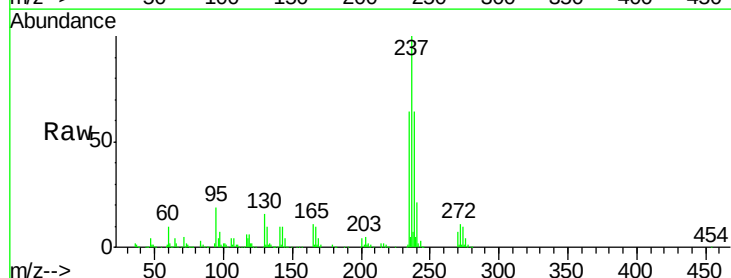


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

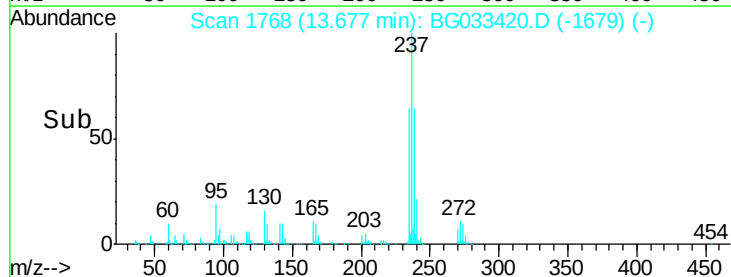
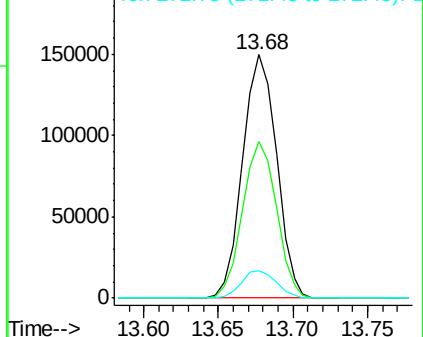


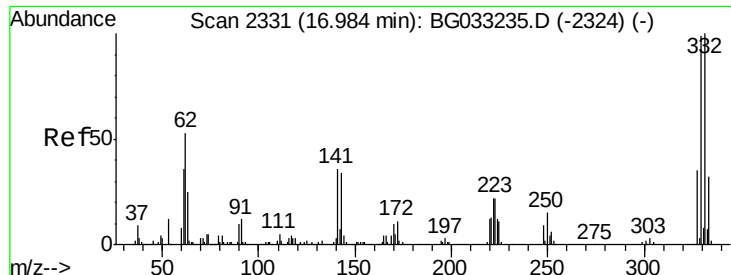
#40
 Hexachlorocyclopentadiene
 Concen: 78.403 ng
 RT: 13.68 min Scan# 1768
 Delta R.T. -0.01 min
 Lab File: BG033420.D
 Acq: 29 Mar 2018 14:13

Tgt Ion	Ratio	Lower	Upper
237	100		
235	64.4	50.4	90.4
272	11.1	0.0	31.8



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





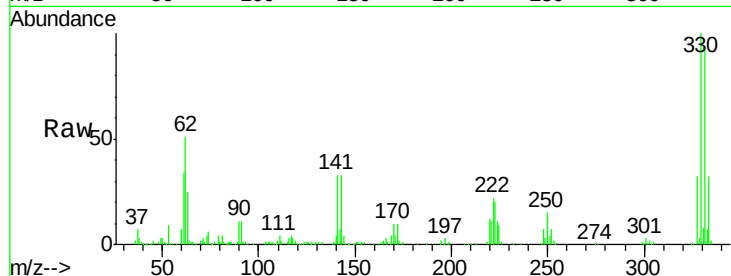
#41
 2,4,6-Tribromophenol
 Concen: 138.360 ng
 RT: 16.96 min Scan# 2327
 Delta R.T. 0.00 min
 Lab File: BG033420.D
 Acq: 29 Mar 2018 14:13

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-032718-BMSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	293713		
332	96.5	77.0	115.6	
141	35.4	25.2	37.8	

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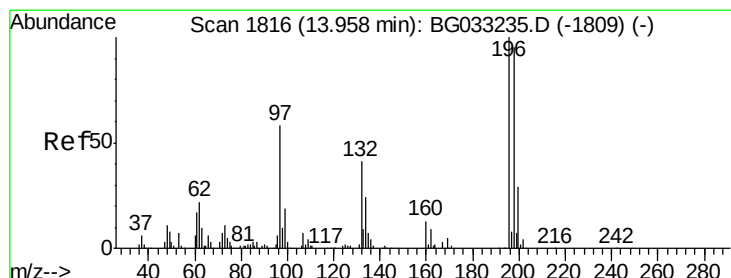
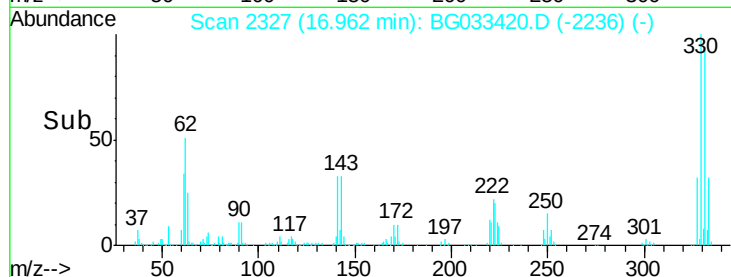
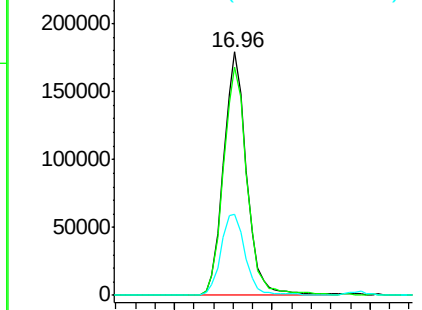


Abundance

Ion 329.80 (329.50 to 330.50): E

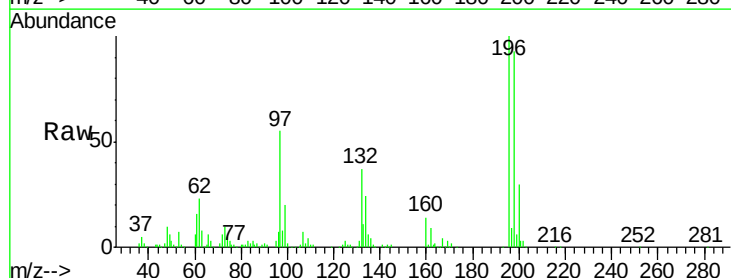
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 51.883 ng
 RT: 13.94 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: BG033420.D
 Acq: 29 Mar 2018 14:13

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	154980		
198	92.9	78.2	117.2	
200	29.8	24.6	36.8	

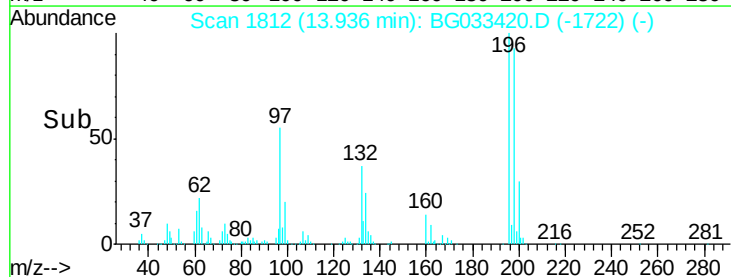
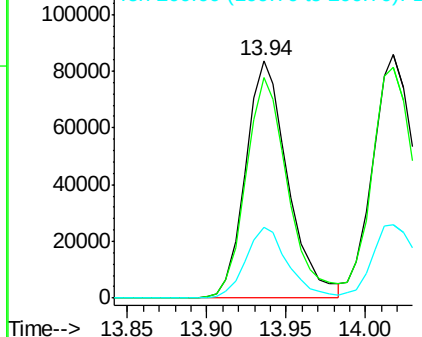


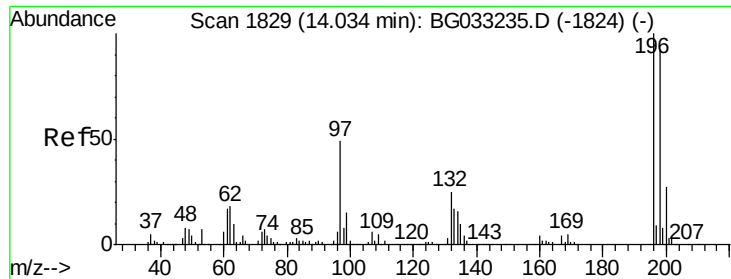
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





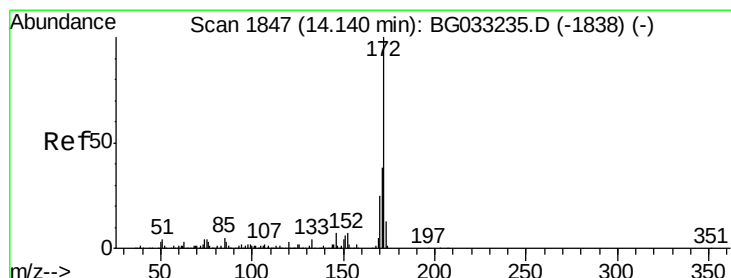
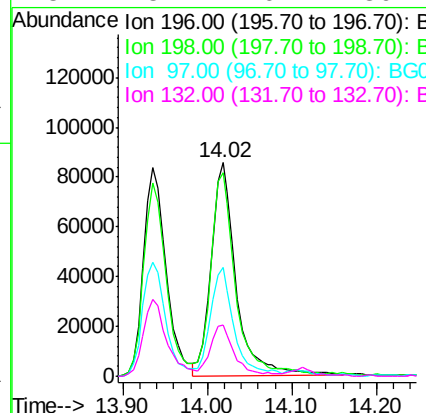
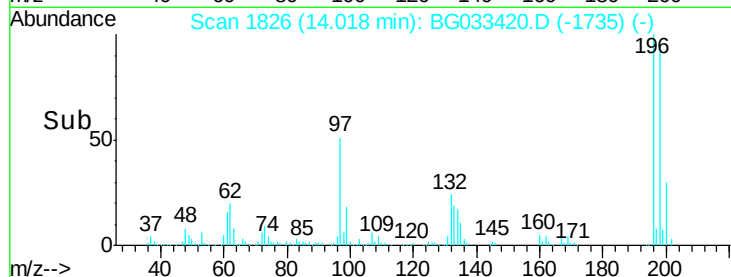
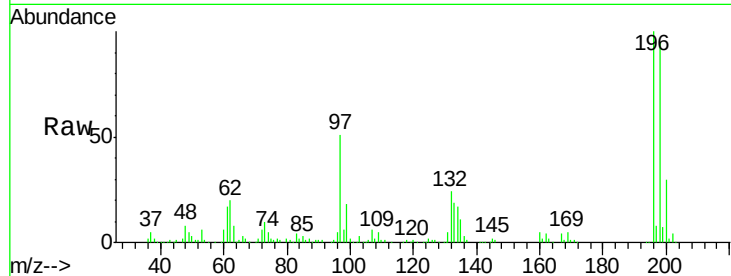
#43
 2,4,5-Trichlorophenol
 Concen: 49.711 ng
 RT: 14.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: BG033420.D
 Acq: 29 Mar 2018 14:13

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-032718-BMSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	175519		
198	95.0	76.2	114.4	
97	50.8	38.7	58.1	
132	23.7	20.2	30.2	

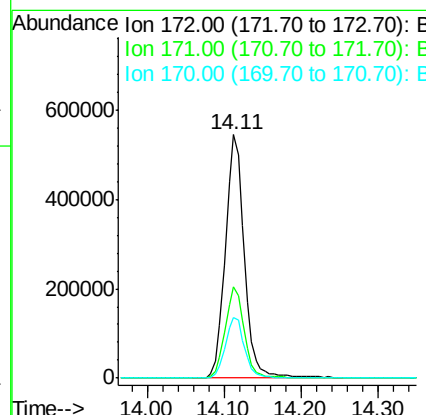
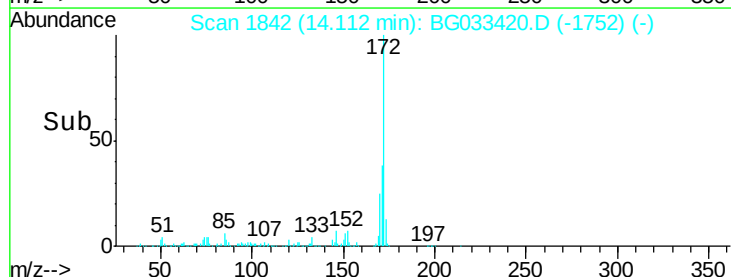
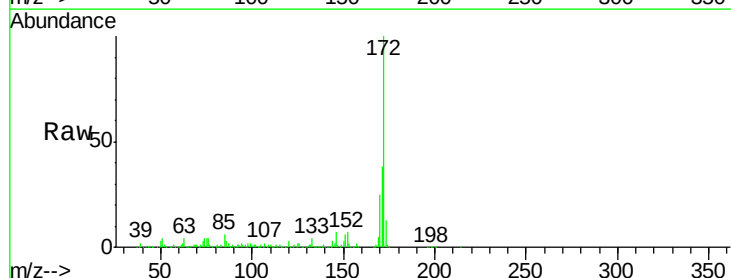
Manual Integrations
 APPROVED

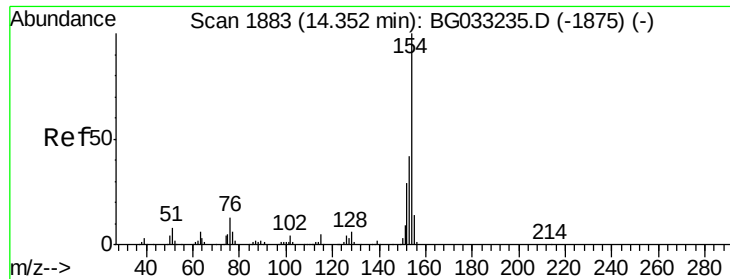
Sohil
 3/29/2018 5:39:35 PM



#44
 2-Fluorobiphenyl
 Concen: 94.793 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BG033420.D
 Acq: 29 Mar 2018 14:13

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	931992		
171	37.5	30.0	45.0	
170	25.1	19.5	29.3	





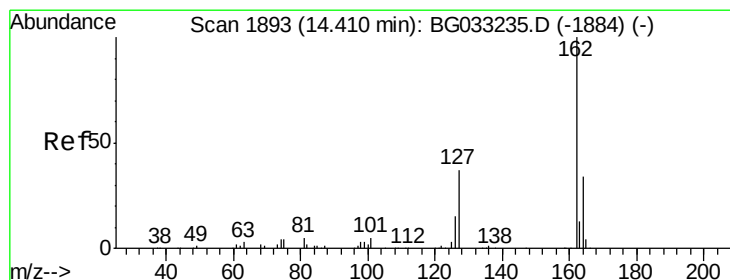
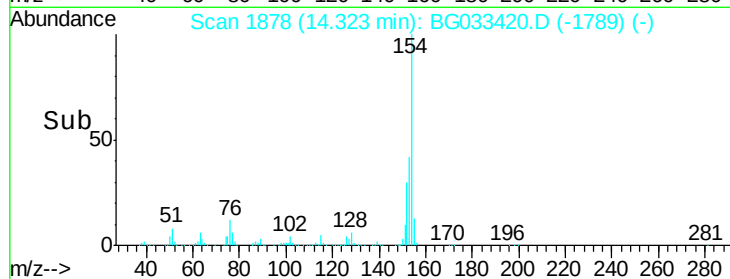
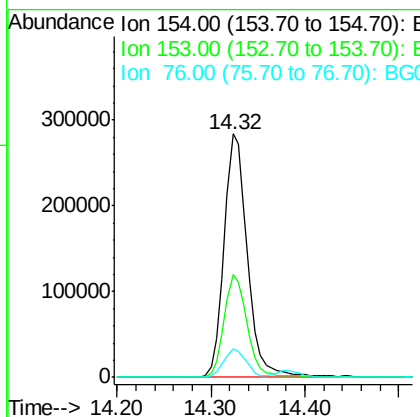
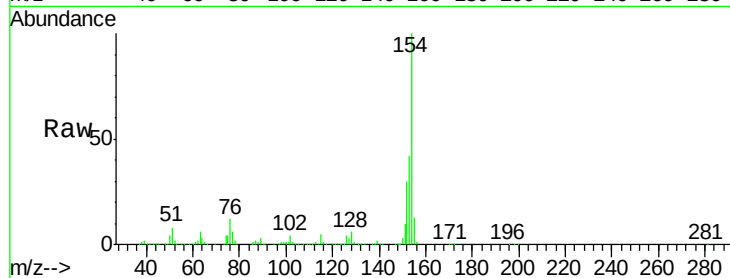
#45
 1,1'-Biphenyl
 Concen: 44.969 ng
 RT: 14.32 min Scan# 1878
 Delta R.T. -0.01 min
 Lab File: BG033420.D
 Acq: 29 Mar 2018 14:13

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-032718-BMSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	42.0	19.8	59.8
76	11.6	0.0	31.9

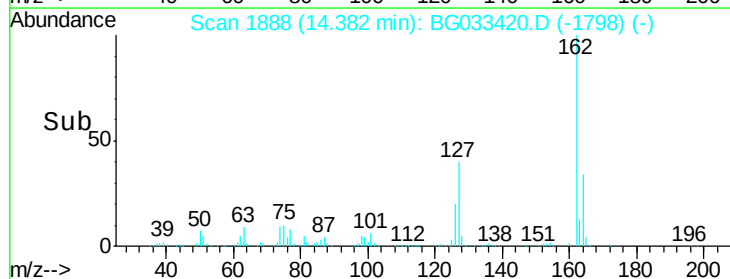
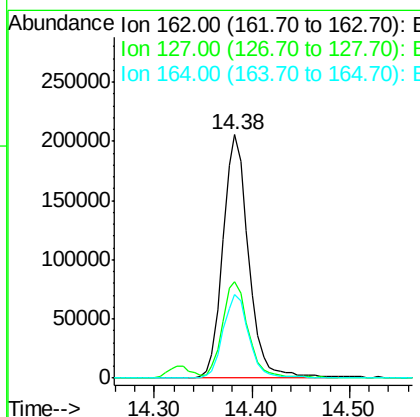
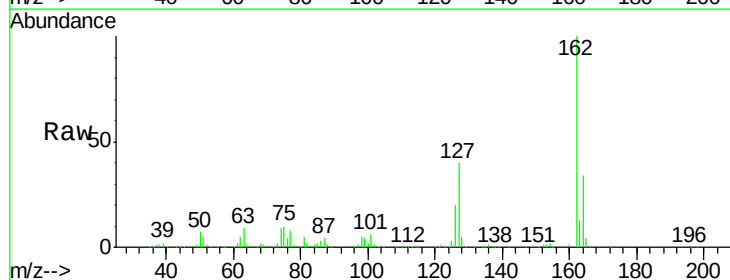
Manual Integrations
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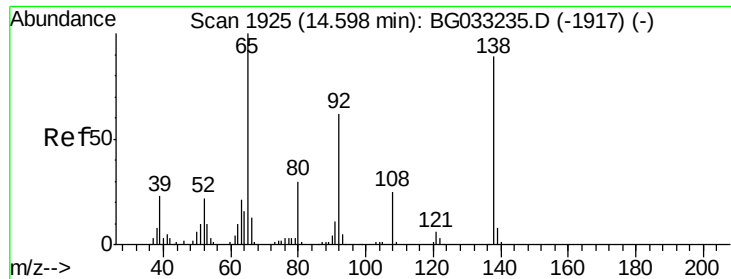
Sohil
 3/29/2018 5:39:35 PM



#46
 2-Chloronaphthalene
 Concen: 44.758 ng
 RT: 14.38 min Scan# 1888
 Delta R.T. -0.00 min
 Lab File: BG033420.D
 Acq: 29 Mar 2018 14:13

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.8	30.7	46.1
164	34.4	26.0	39.0





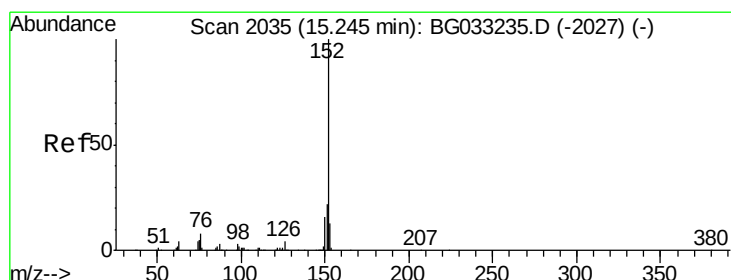
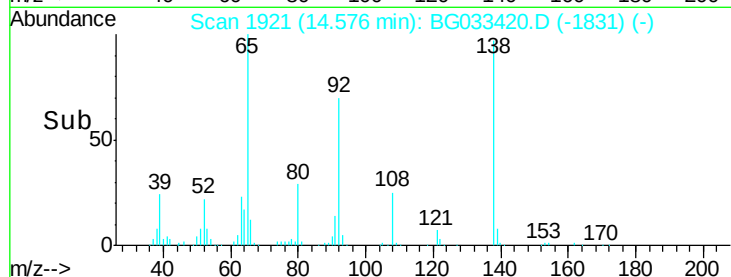
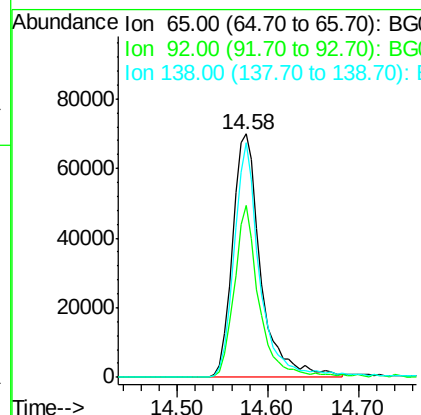
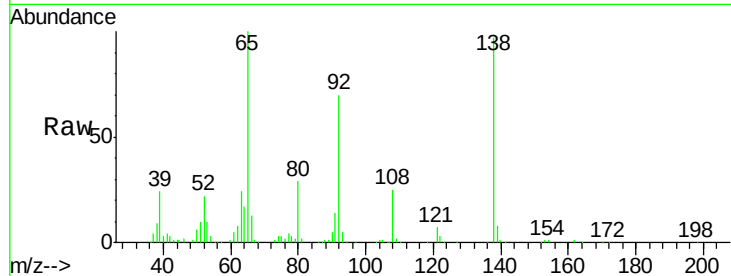
#47
2-Nitroaniline
Concen: 48.166 ng
RT: 14.58 min Scan# 1921
Delta R.T. -0.00 min
Lab File: BG033420.D
Acq: 29 Mar 2018 14:13

Instrument :
BNA_G
ClientSampleId :
CL-02-032718-BMSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	70.5	54.6	82.0
138	96.6	72.9	109.3

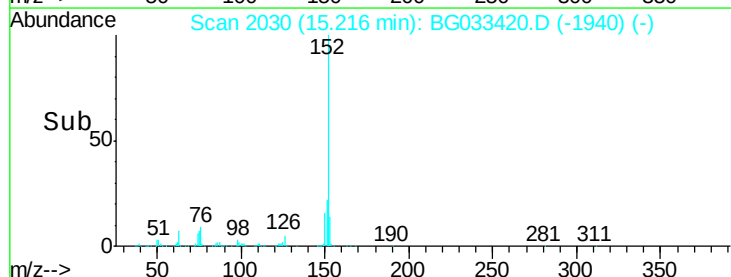
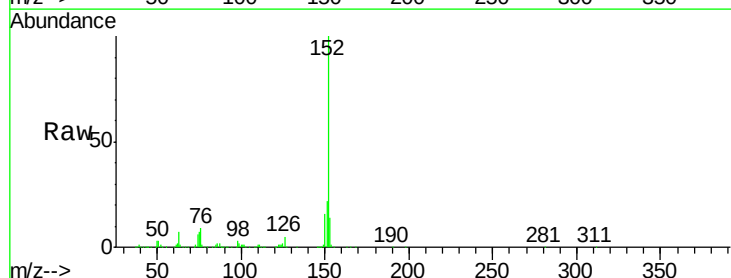
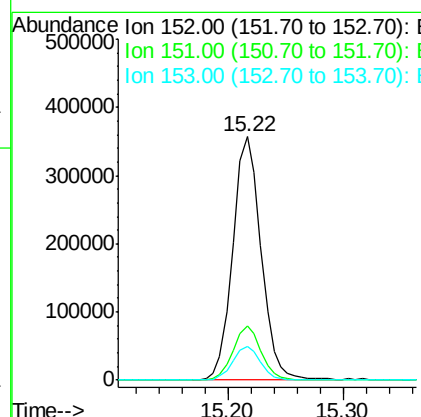
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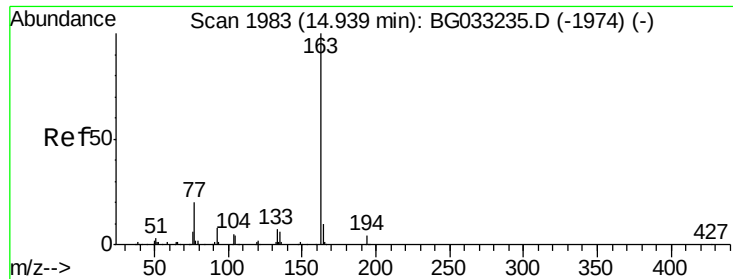
Sohil
3/29/2018 5:39:35 PM



#48
Acenaphthylene
Concen: 43.250 ng
RT: 15.22 min Scan# 2030
Delta R.T. -0.00 min
Lab File: BG033420.D
Acq: 29 Mar 2018 14:13

Tgt Ion	Ratio	Lower	Upper
152	100		
151	22.5	17.2	25.8
153	13.7	10.2	15.4





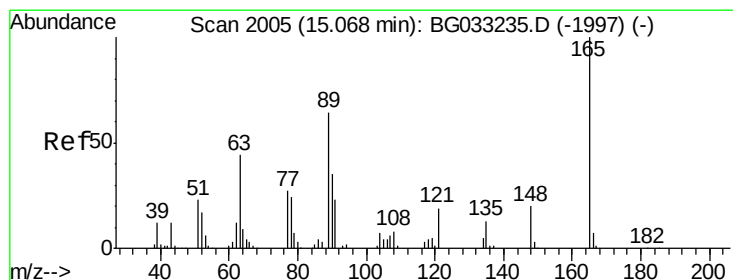
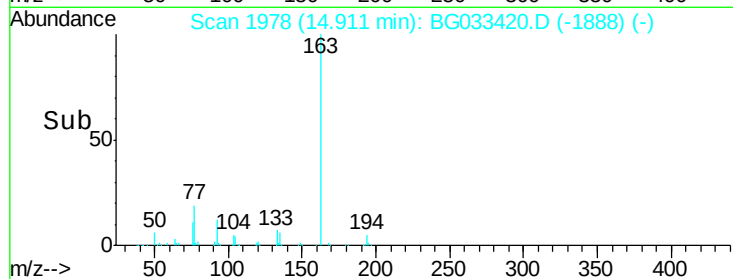
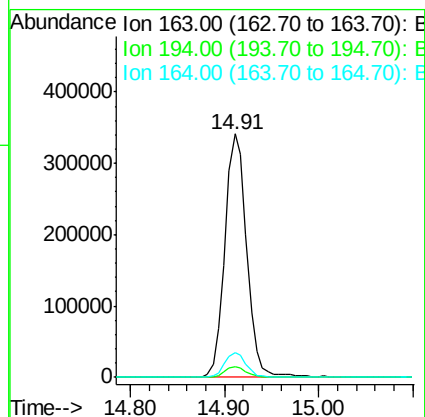
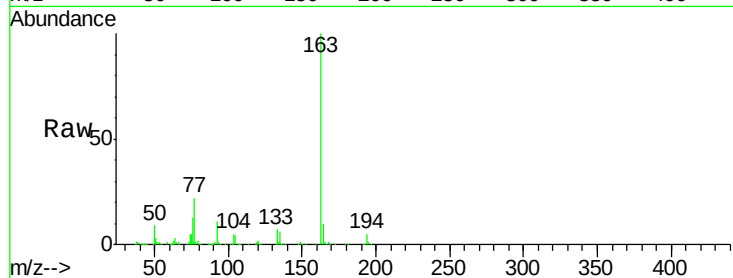
#49
Dimethylphthalate
Concen: 44.787 ng
RT: 14.91 min Scan# 1978
Delta R.T. -0.00 min
Lab File: BG033420.D
Acq: 29 Mar 2018 14:13

Instrument :
BNA_G
ClientSampleId :
CL-02-032718-BMSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	553216		
194	4.5		3.4	5.2
164	10.4		8.2	12.4

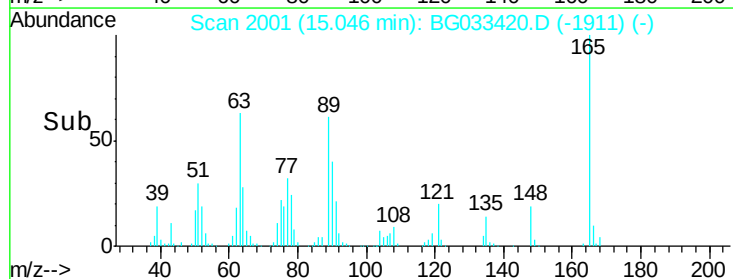
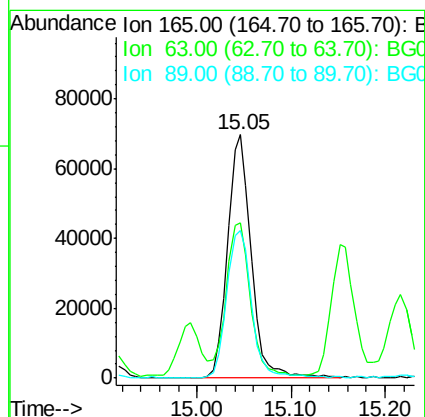
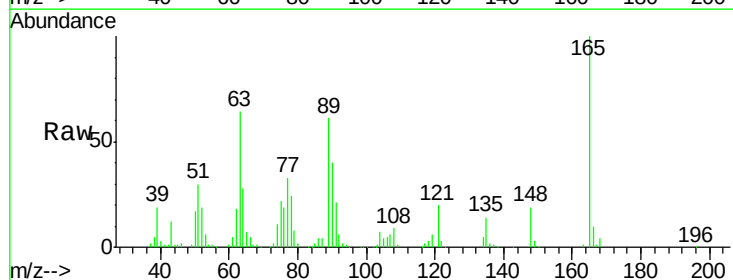
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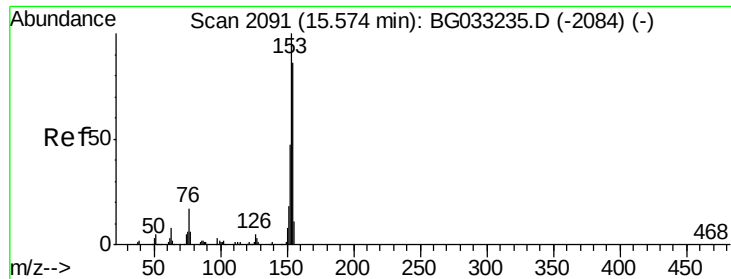
Sohil
3/29/2018 5:39:35 PM



#50
2,6-Dinitrotoluene
Concen: 48.150 ng
RT: 15.05 min Scan# 2001
Delta R.T. -0.00 min
Lab File: BG033420.D
Acq: 29 Mar 2018 14:13

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	121613		
63	63.7		52.7	79.1
89	60.6		49.2	73.8





#51

Acenaphthene

Concen: 42.306 ng

RT: 15.55 min Scan# 2087

Delta R.T. -0.00 min

Lab File: BG033420.D

Acq: 29 Mar 2018 14:13

Instrument :

BNA_G

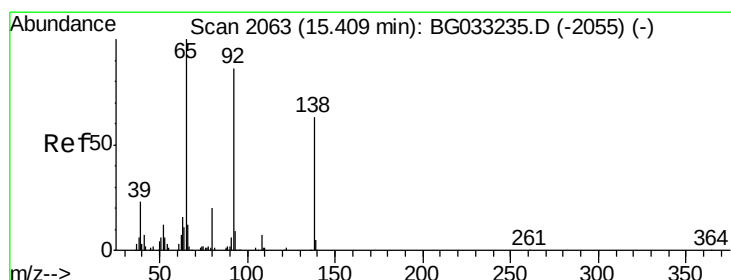
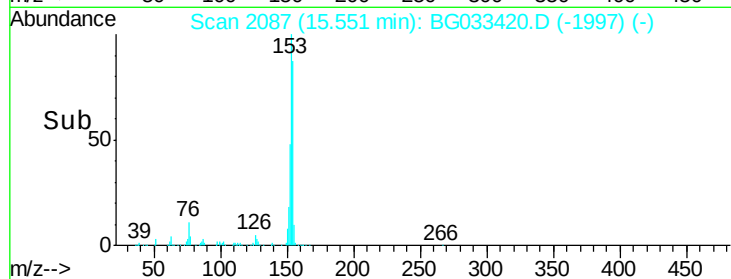
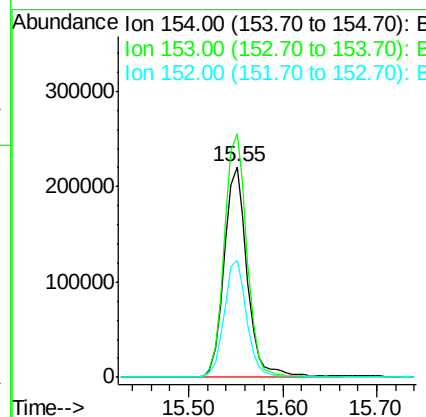
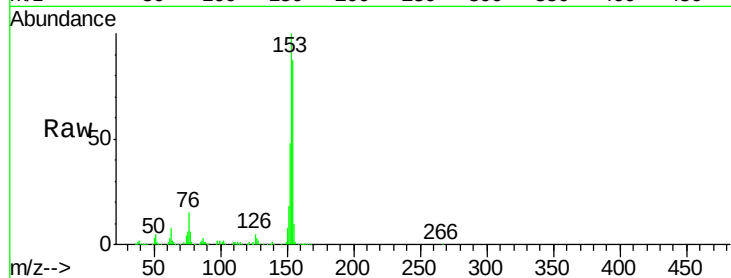
ClientSampleId :

CL-02-032718-BMSD

Tot Ion:	154	Resp:	382755
Ion Ratio	Lower	Upper	
154	100		
153	115.4	90.4	135.6
152	55.6	41.6	62.4

Manual Integrations
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3/29/2018 5:39:35 PM



#52

3-Nitroaniline

Concen: 9.638 ng

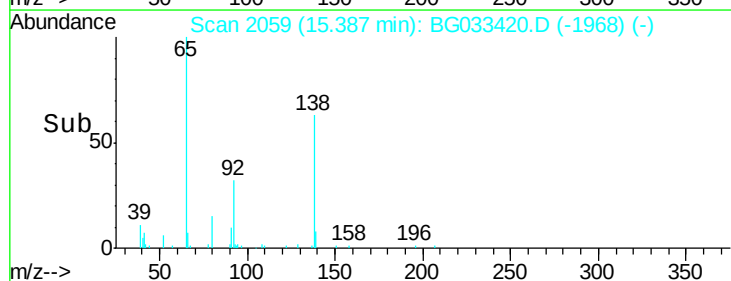
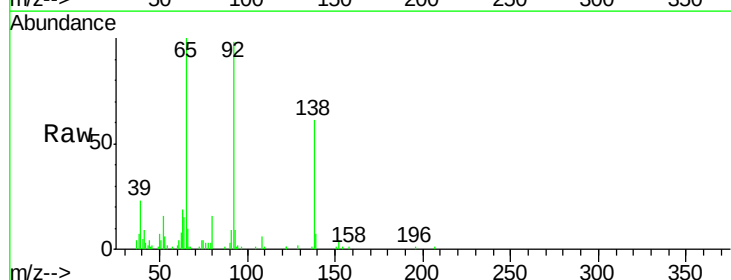
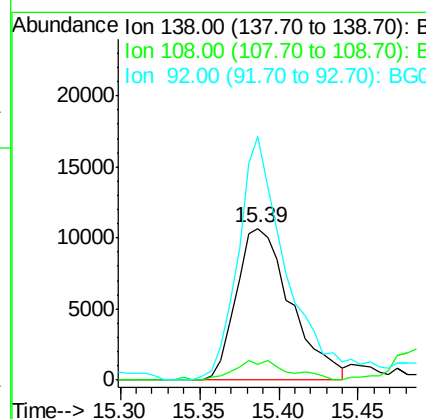
RT: 15.39 min Scan# 2059

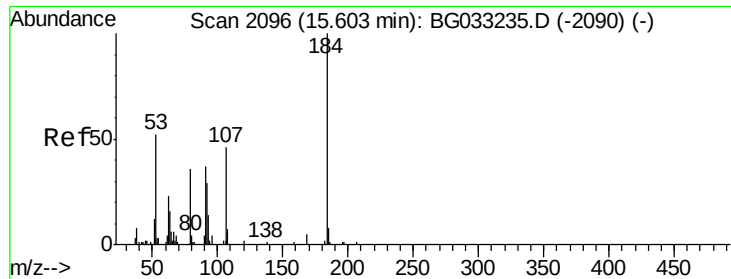
Delta R.T. 0.00 min

Lab File: BG033420.D

Acq: 29 Mar 2018 14:13

Tgt Ion:	138	Resp:	25520
Ion Ratio	Lower	Upper	
138	100		
108	10.1	17.5	26.3#
92	160.2	105.8	158.8#





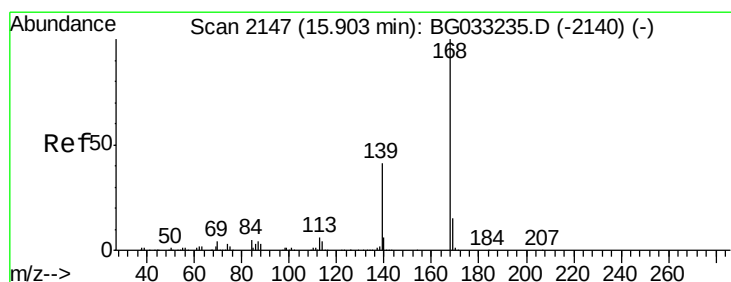
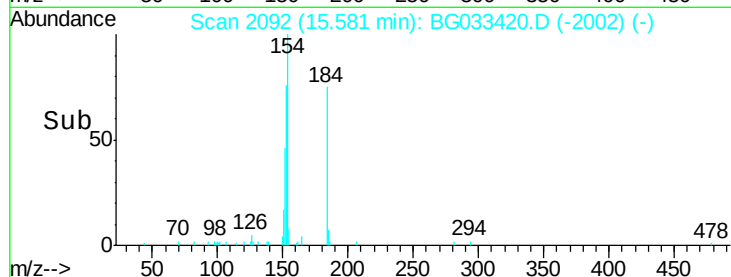
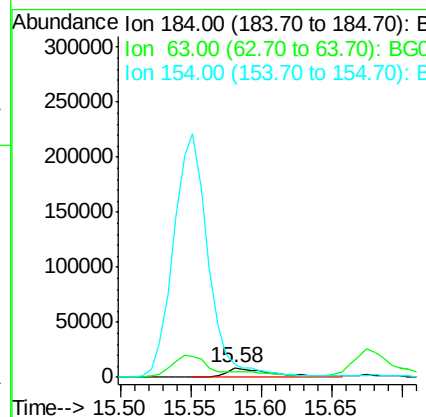
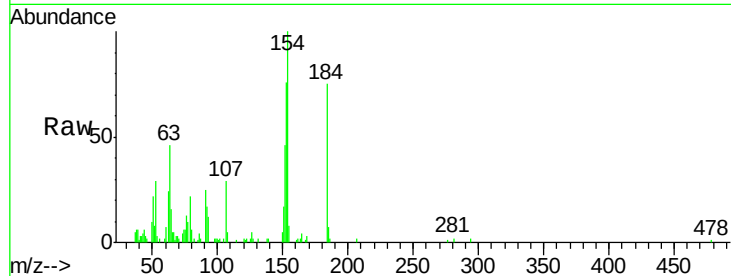
#53
2,4-Dinitrophenol
Concen: 21.387 ng
RT: 15.58 min Scan# 2092
Delta R.T. -0.00 min
Lab File: BG033420.D
Acq: 29 Mar 2018 14:13

Instrument :
BNA_G
ClientSampleId :
CL-02-032718-BMSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	61.3	59.8	89.8
154	133.5	101.8	152.8

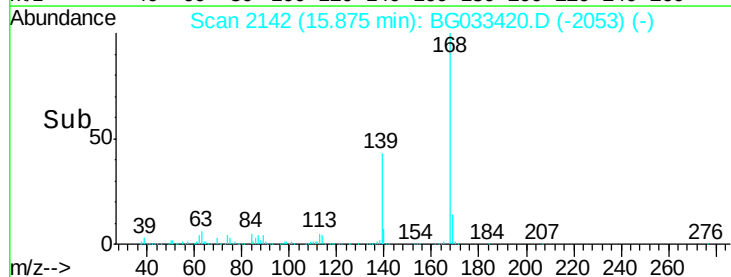
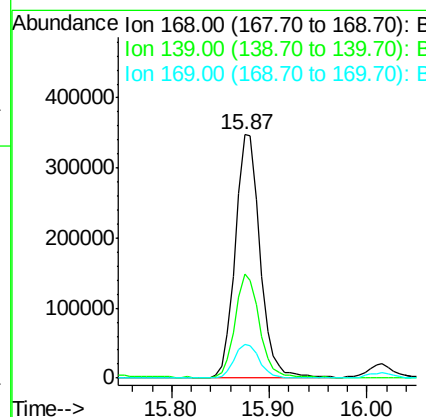
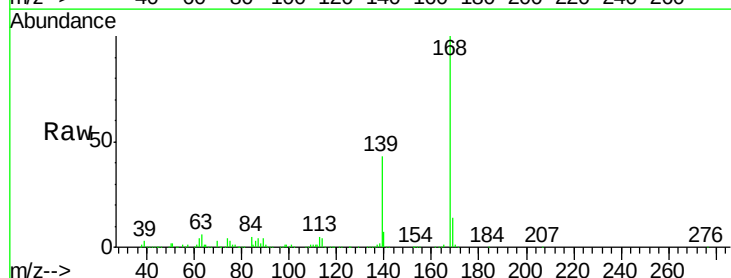
Manual Integrations
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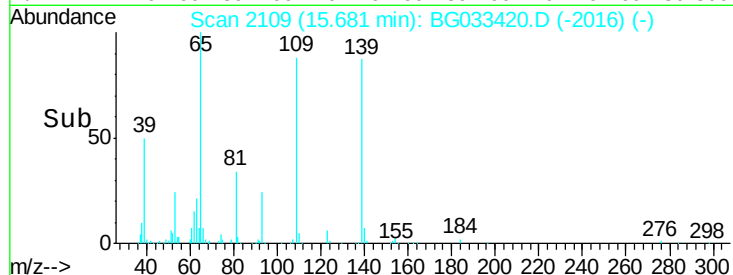
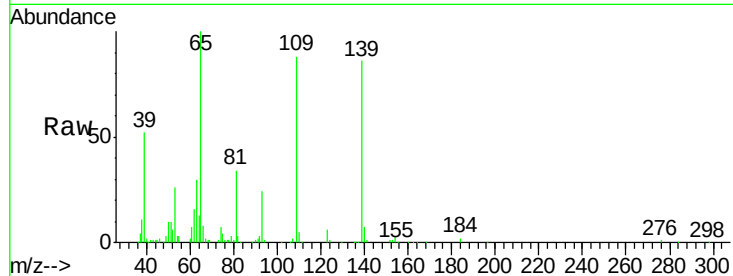
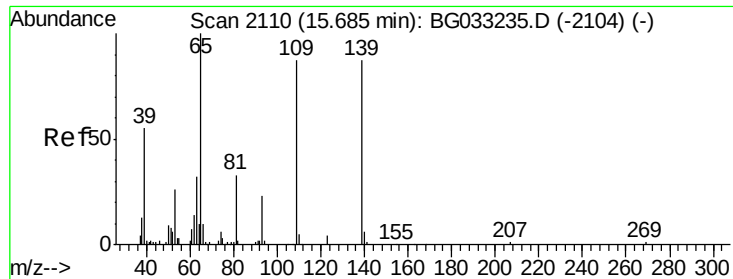
Sohil
3/29/2018 5:39:35 PM



#54
Dibenzofuran
Concen: 46.021 ng
RT: 15.87 min Scan# 2142
Delta R.T. -0.01 min
Lab File: BG033420.D
Acq: 29 Mar 2018 14:13

Tgt Ion	Ratio	Lower	Upper
168	100		
139	42.9	28.6	43.0
169	13.9	11.2	16.8





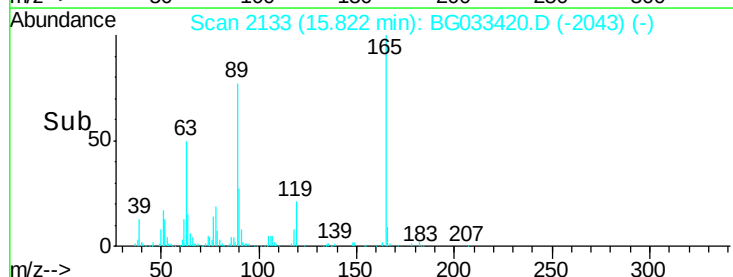
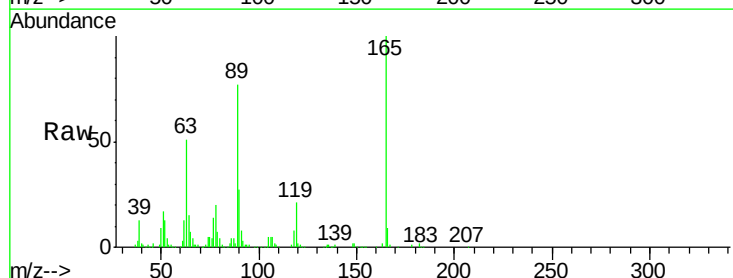
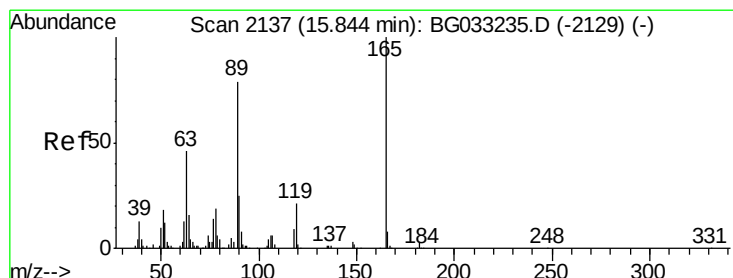
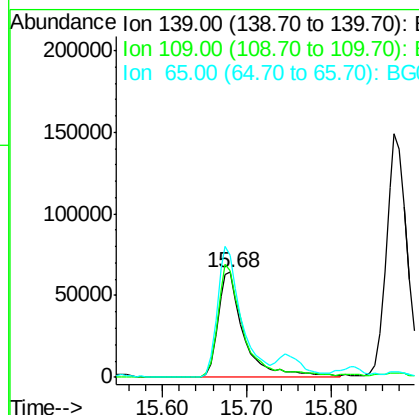
#55
4-Nitrophenol
Concen: 75.703 ng
RT: 15.68 min Scan# 2109
Delta R.T. 0.02 min
Lab File: BG033420.D
Acq: 29 Mar 2018 14:13

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	101.9	62.2	102.2	
65	116.4	97.2	137.2	

Instrument :
BNA_G
ClientSampleId :
CL-02-032718-BMSD

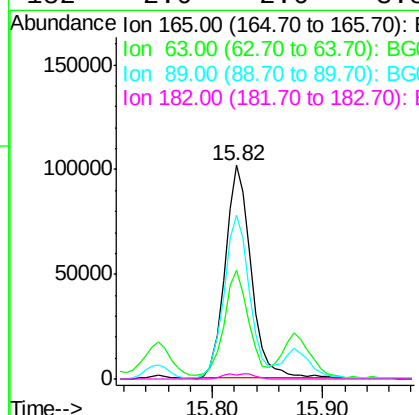
Manual Integrations
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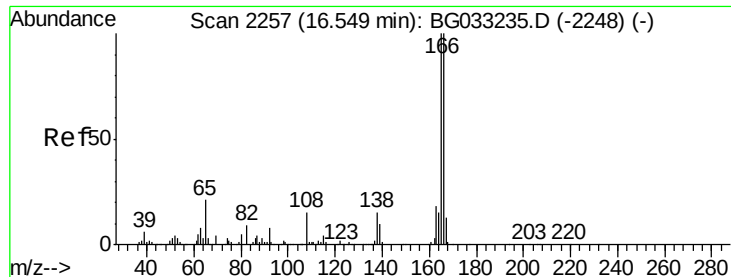
Sohil
3/29/2018 5:39:35 PM



#56
2,4-Dinitrotoluene
Concen: 45.071 ng
RT: 15.82 min Scan# 2133
Delta R.T. -0.00 min
Lab File: BG033420.D
Acq: 29 Mar 2018 14:13

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	51.1	42.0	63.0	
89	76.9	66.9	100.3	
182	2.0	2.6	3.8#	





#57

Fluorene

Concen: 45.100 ng

RT: 16.52 min Scan# 2252

Delta R.T. -0.00 min

Lab File: BG033420.D

Acq: 29 Mar 2018 14:13

Instrument :

BNA_G

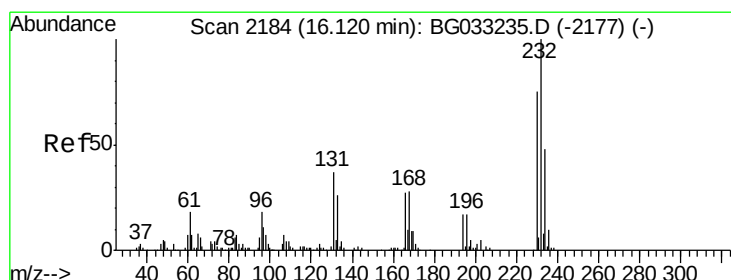
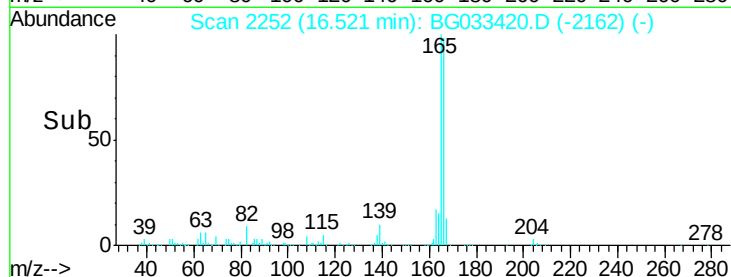
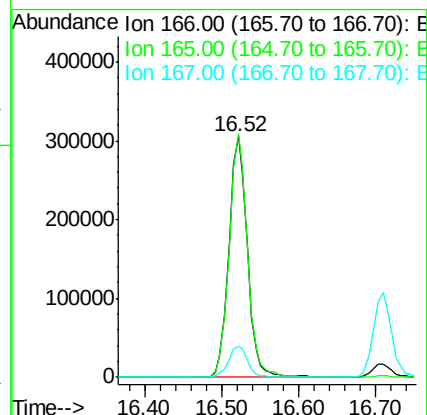
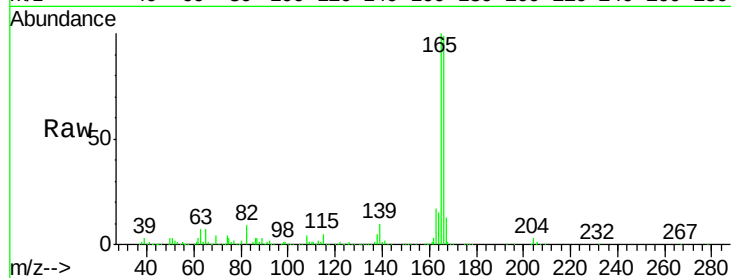
ClientSampleId :

CL-02-032718-BMSD

Tot Ion:	166	Resp:	513463
Ion Ratio	Lower	Upper	
166	100		
165	101.2	80.6	121.0
167	13.1	10.4	15.6

Manual Integrations
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3/29/2018 5:39:35 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 48.622 ng

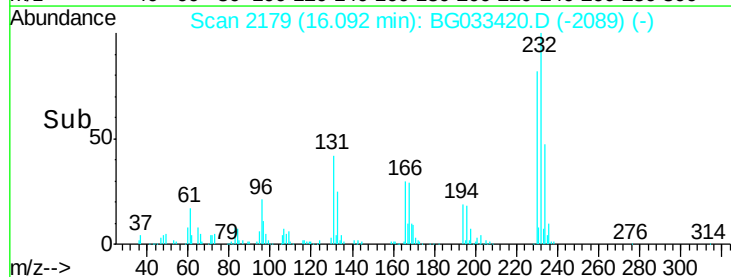
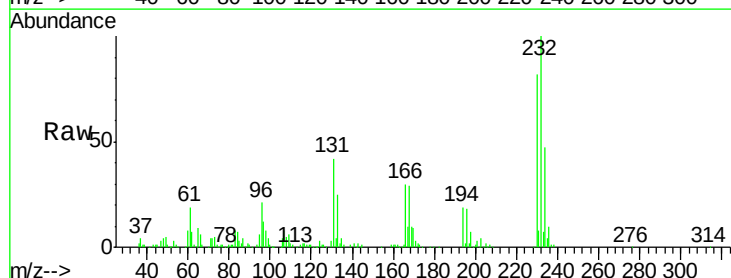
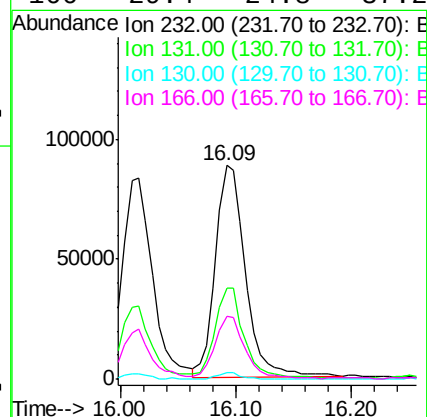
RT: 16.09 min Scan# 2179

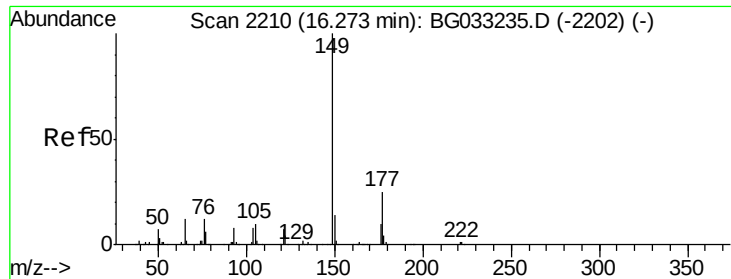
Delta R.T. -0.00 min

Lab File: BG033420.D

Acq: 29 Mar 2018 14:13

Tgt Ion:	232	Resp:	161615
Ion Ratio	Lower	Upper	
232	100		
131	40.8	33.5	50.3
130	2.5	2.2	3.2
166	29.4	24.8	37.2





#59

Diethylphthalate

Concen: 45.021 ng

RT: 16.25 min Scan# 2206

Delta R.T. -0.00 min

Lab File: BG033420.D

Acq: 29 Mar 2018 14:13

Instrument :

BNA_G

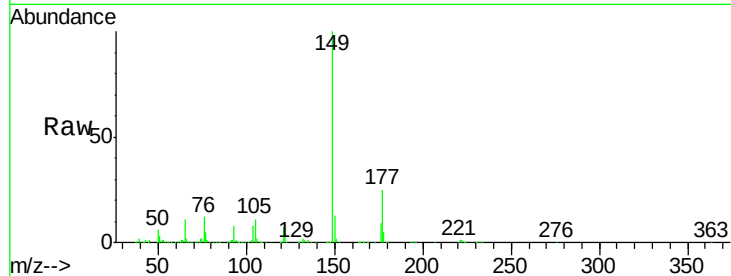
ClientSampleId :

CL-02-032718-BMSD

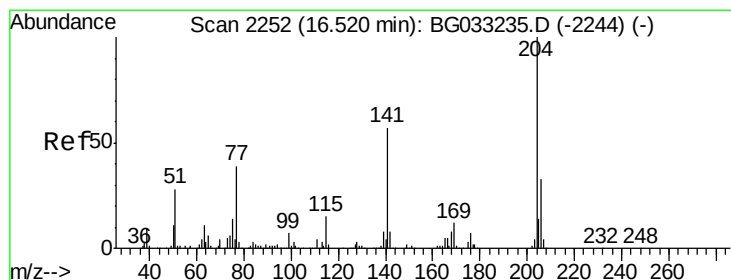
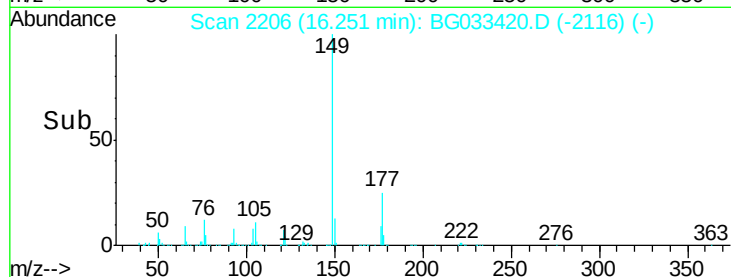
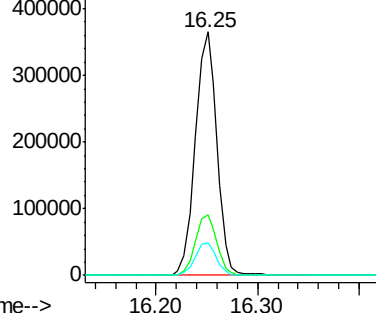
Tot Ion:	149	Resp:	539999
Ion Ratio	Lower	Upper	
149	100		
177	24.9	18.5	27.7
150	13.4	10.2	15.2

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 44.852 ng

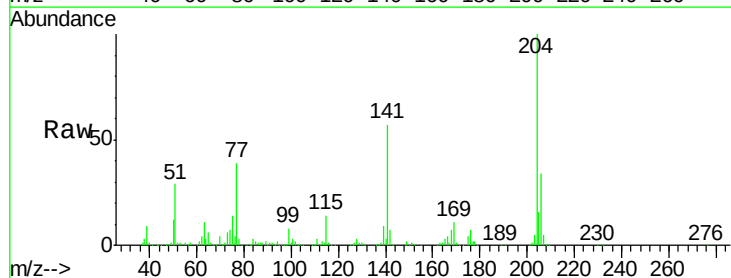
RT: 16.49 min Scan# 2247

Delta R.T. -0.01 min

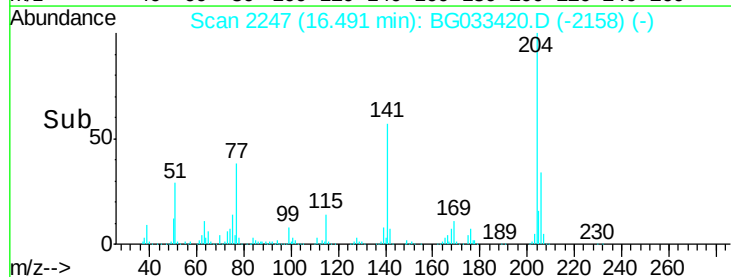
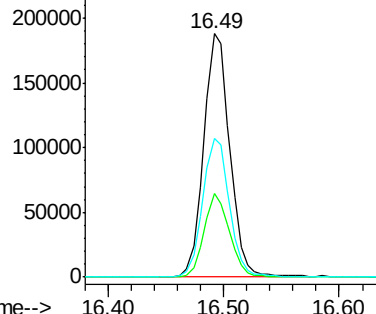
Lab File: BG033420.D

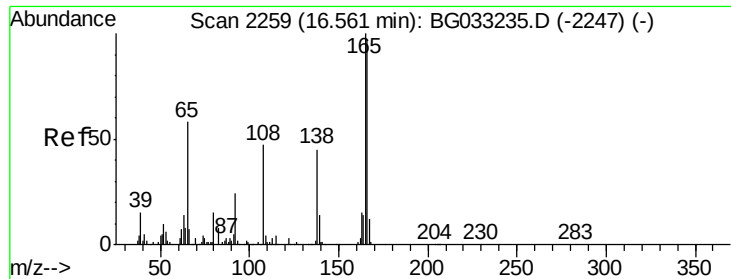
Acq: 29 Mar 2018 14:13

Tgt Ion:	204	Resp:	293538
Ion Ratio	Lower	Upper	
204	100		
206	34.4	26.2	39.2
141	56.9	45.8	68.6



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





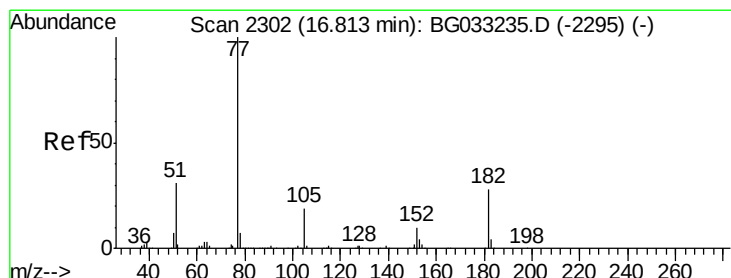
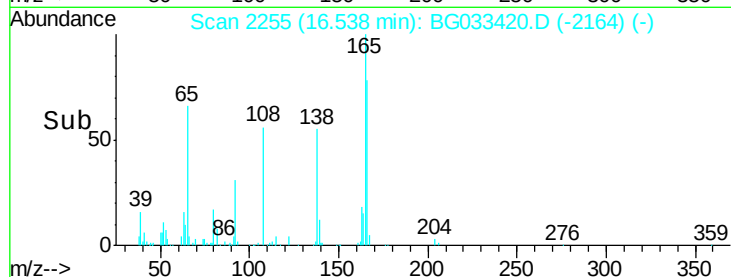
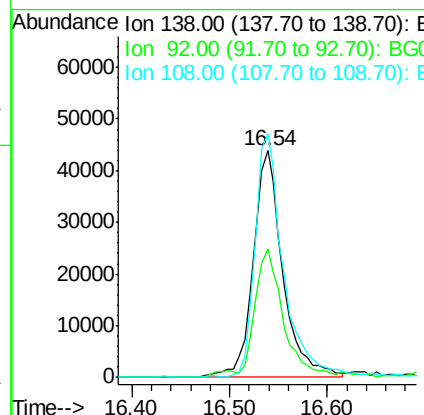
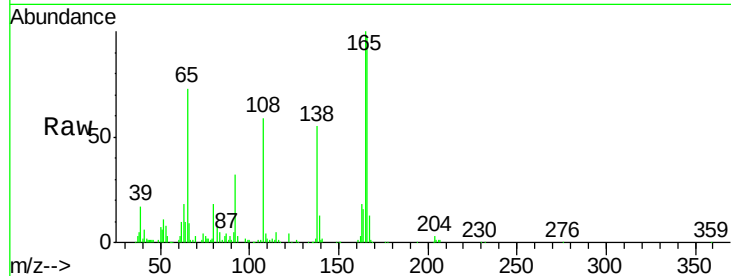
#61
4-Nitroaniline
Concen: 34.910 ng
RT: 16.54 min Scan# 2255
Delta R.T. 0.00 min
Lab File: BG033420.D
Acq: 29 Mar 2018 14:13

Instrument :
BNA_G
ClientSampleId :
CL-02-032718-BMSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	57.0	40.1	80.1
108	107.5	65.4	105.4

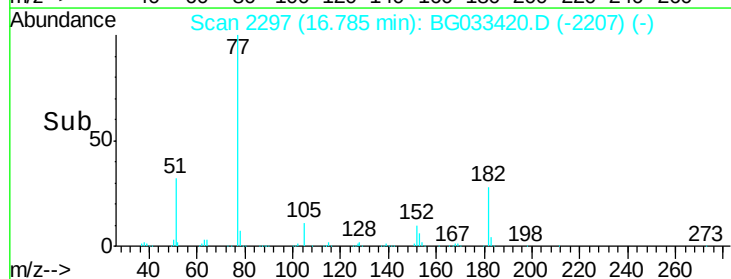
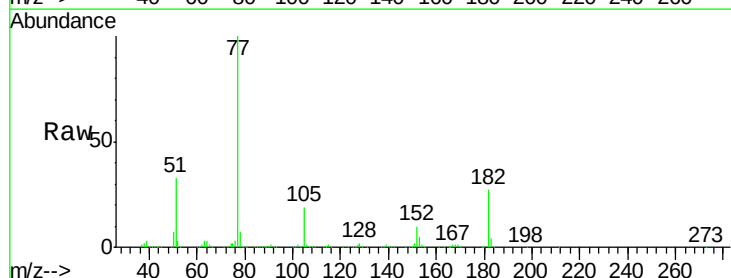
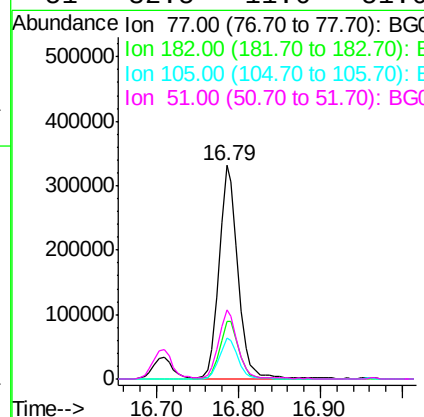
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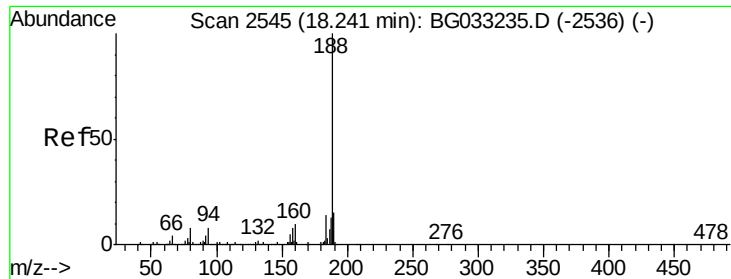
Sohil
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#62
Azobenzene
Concen: 45.352 ng
RT: 16.79 min Scan# 2297
Delta R.T. -0.00 min
Lab File: BG033420.D
Acq: 29 Mar 2018 14:13

Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.2	7.4	47.4
105	19.1	0.3	40.3
51	32.5	11.6	51.6





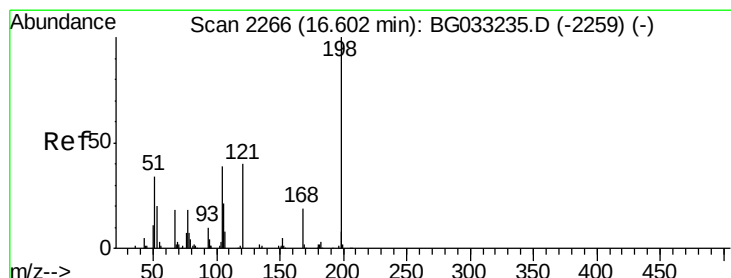
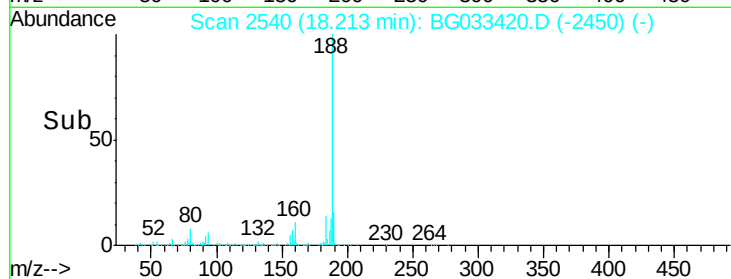
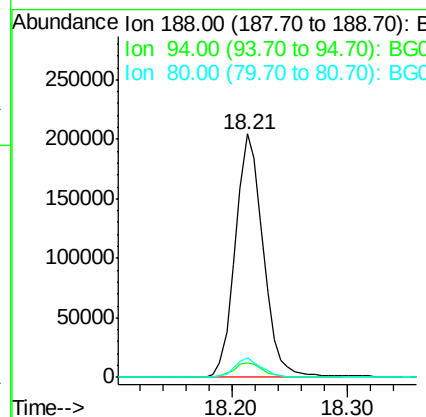
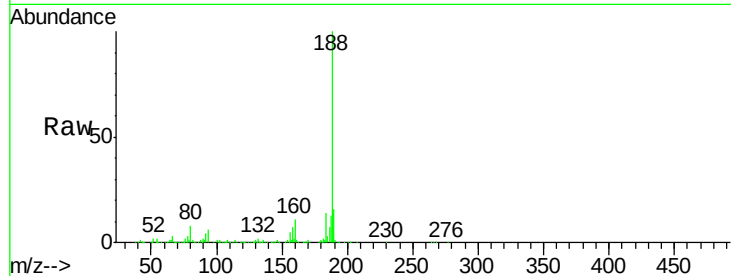
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.21 min Scan# 2540
 Delta R.T. -0.00 min
 Lab File: BG033420.D
 Acq: 29 Mar 2018 14:13

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-032718-BMSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	342272		
94	6.1		6.9	10.3#
80	7.8		7.7	11.5

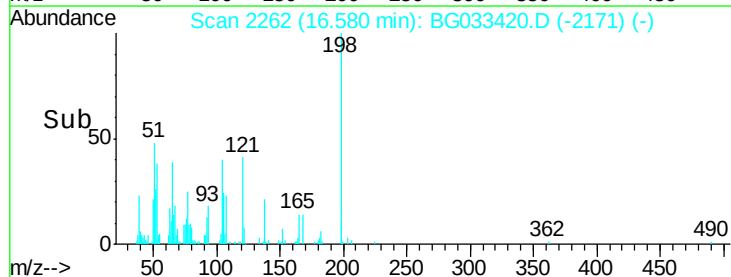
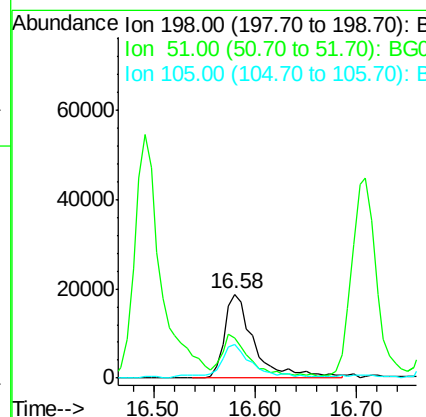
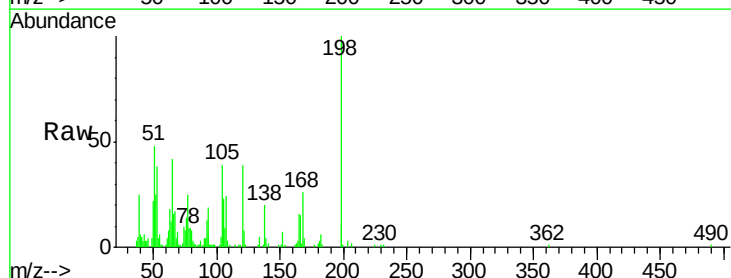
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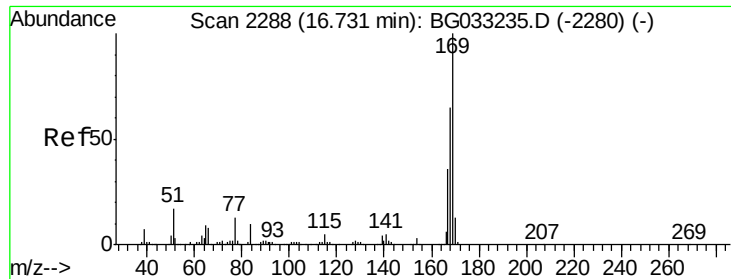
Sohil
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#64
 4,6-Dinitro-2-methylphenol
 Concen: 18.662 ng
 RT: 16.58 min Scan# 2262
 Delta R.T. 0.00 min
 Lab File: BG033420.D
 Acq: 29 Mar 2018 14:13

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	38212		
51	48.2		30.6	70.6
105	39.5		23.8	63.8





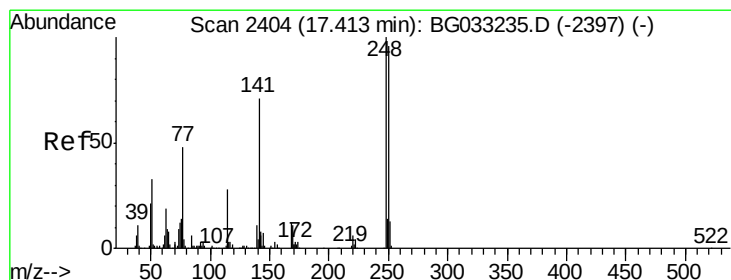
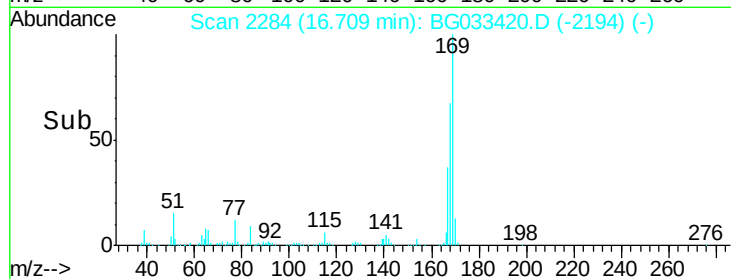
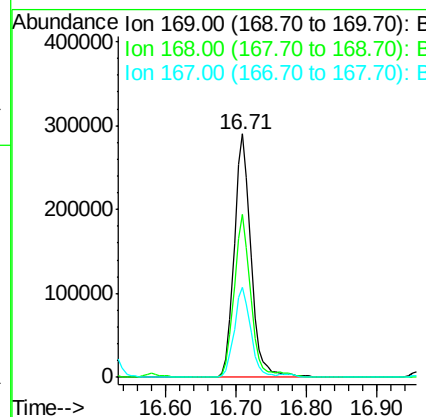
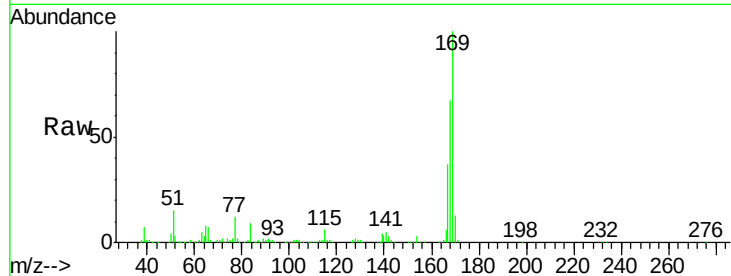
#65
n-Nitrosodiphenylamine
Concen: 48.863 ng
RT: 16.71 min Scan# 2284
Delta R.T. -0.00 min
Lab File: BG033420.D
Acq: 29 Mar 2018 14:13

Instrument :
BNA_G
ClientSampleId :
CL-02-032718-BMSD

Tot Ion	Ratio	Lower	Upper
169	100		
168	67.2	55.7	83.5
167	37.2	30.1	45.1

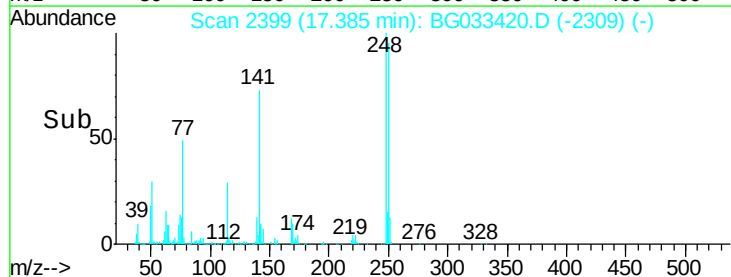
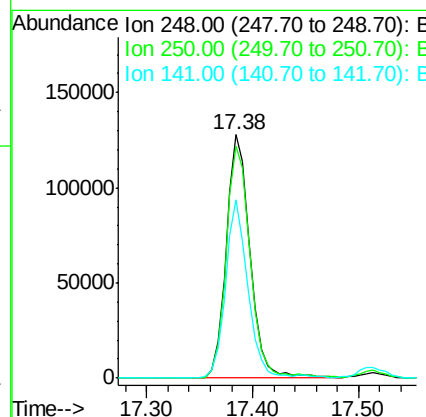
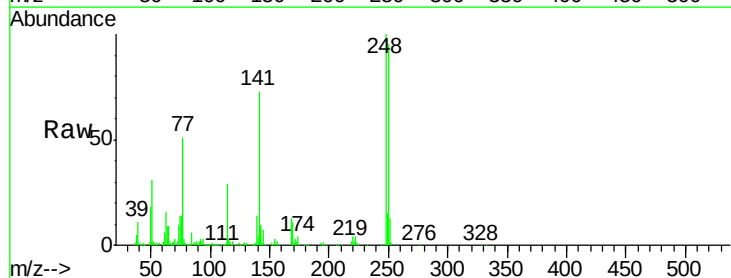
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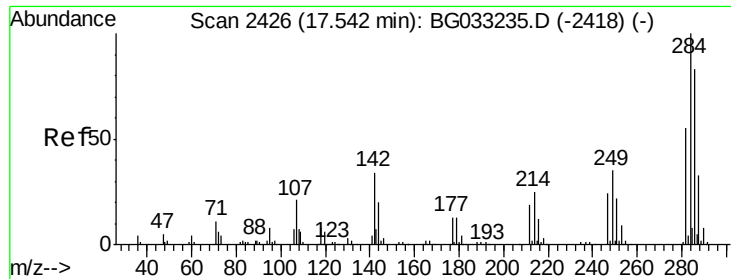
Sohil
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#66
4-Bromophenyl-phenylether
Concen: 49.585 ng
RT: 17.38 min Scan# 2399
Delta R.T. -0.00 min
Lab File: BG033420.D
Acq: 29 Mar 2018 14:13

Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.4	77.1	115.7
141	73.1	50.8	76.2





#67

Hexachlorobenzene

Concen: 47.571 ng

RT: 17.51 min Scan# 2421

Delta R.T. -0.01 min

Lab File: BG033420.D

Acq: 29 Mar 2018 14:13

Instrument :

BNA_G

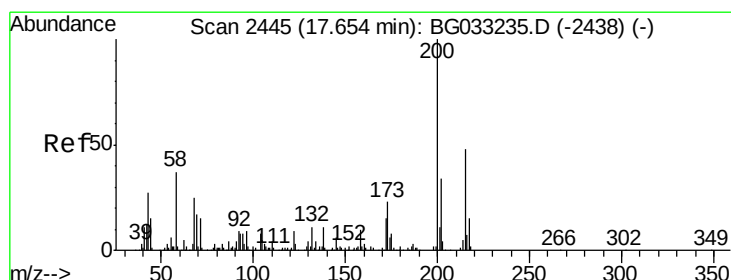
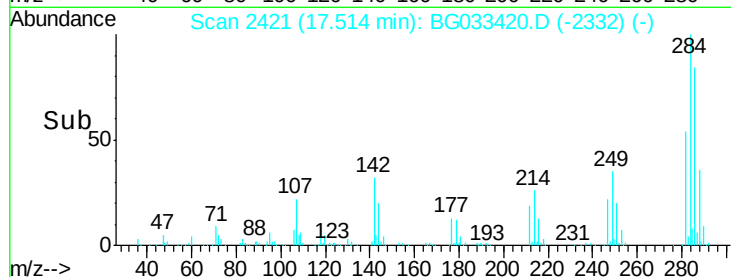
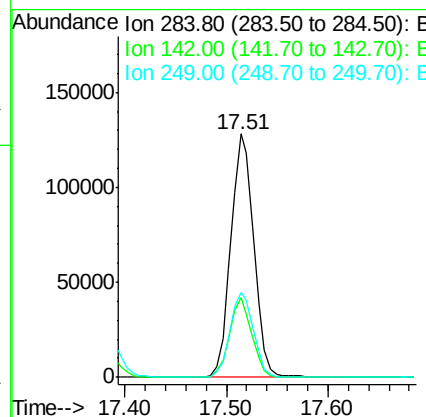
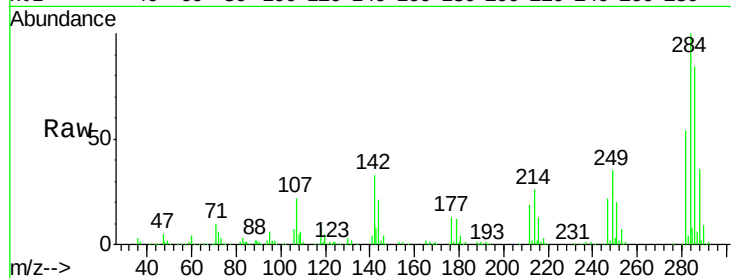
ClientSampleId :

CL-02-032718-BMSD

Tot Ion:	284	Resp:	201805
Ion Ratio		Lower	Upper
284	100		
142	32.9	26.8	40.2
249	35.0	26.3	39.5

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#68

Atrazine

Concen: 47.429 ng

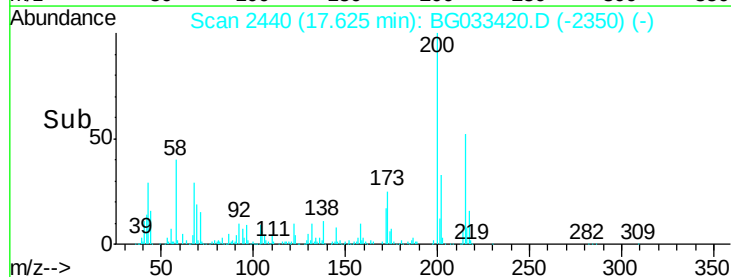
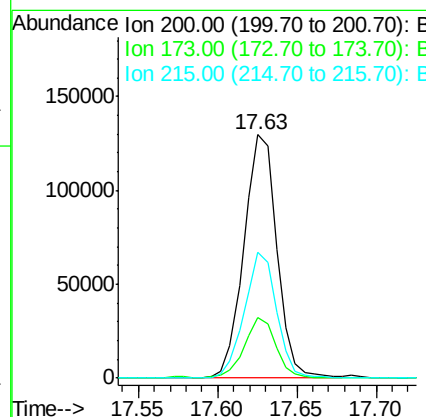
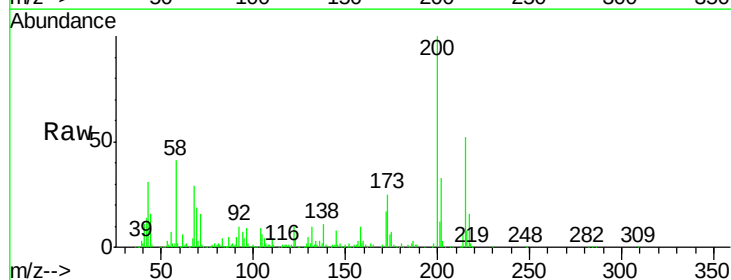
RT: 17.63 min Scan# 2440

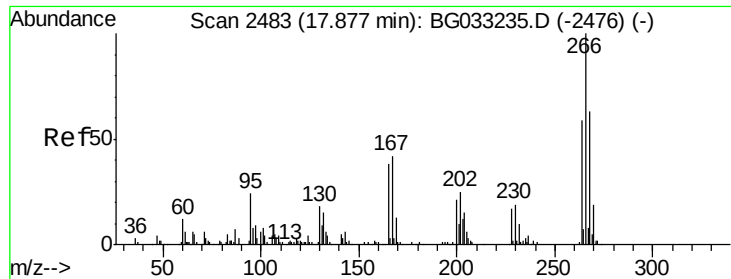
Delta R.T. -0.00 min

Lab File: BG033420.D

Acq: 29 Mar 2018 14:13

Tgt Ion:	200	Resp:	187799
Ion Ratio		Lower	Upper
200	100		
173	24.9	5.2	45.2
215	51.6	30.4	70.4





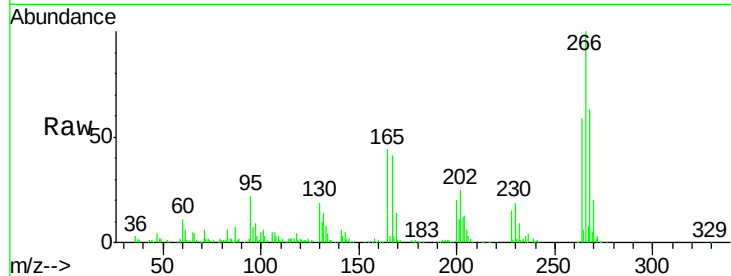
#69
 Pentachlorophenol
 Concen: 53.999 ng
 RT: 17.85 min Scan# 2479
 Delta R.T. 0.00 min
 Lab File: BG033420.D
 Acq: 29 Mar 2018 14:13

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-032718-BMSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	62.6	51.1	76.7
264	59.0	49.6	74.4

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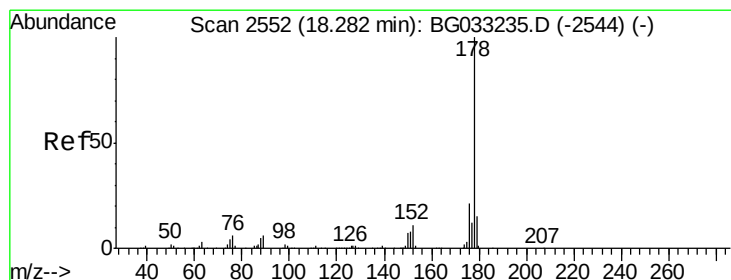
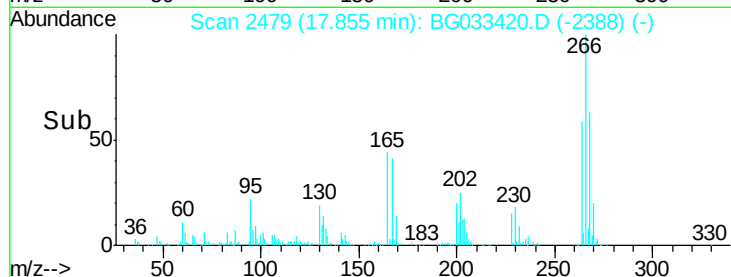
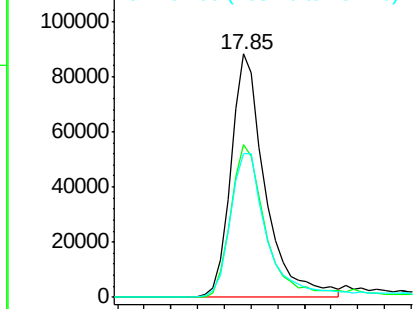


Abundance

Ion 265.70 (265.40 to 266.40): E

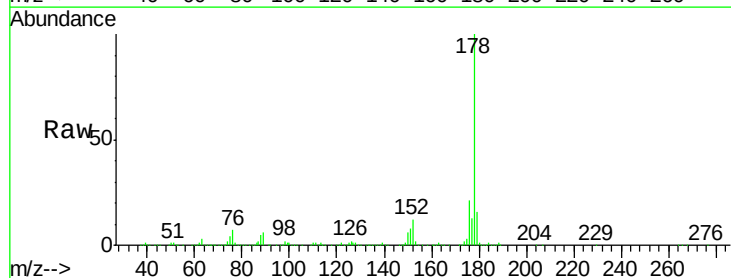
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 46.694 ng
 RT: 18.26 min Scan# 2548
 Delta R.T. 0.00 min
 Lab File: BG033420.D
 Acq: 29 Mar 2018 14:13

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.3	15.7	23.5
179	15.9	12.5	18.7

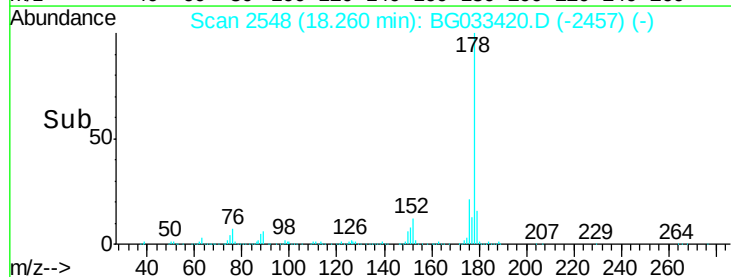
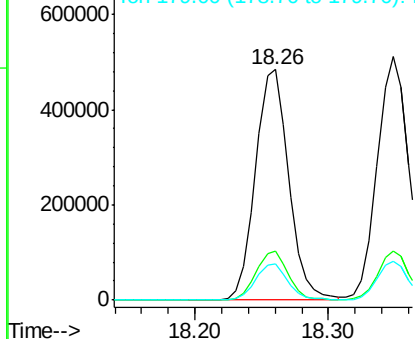


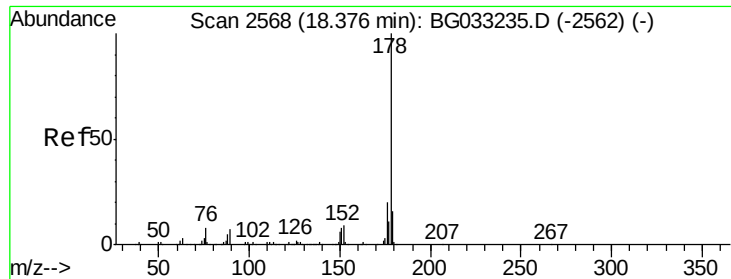
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





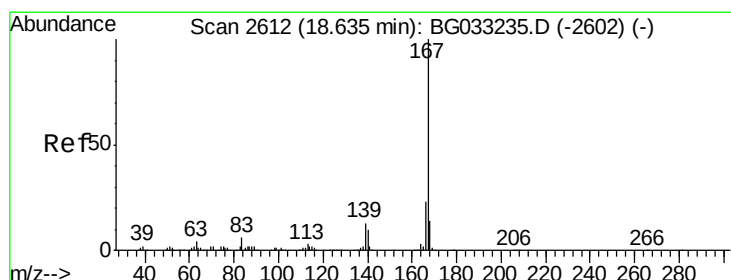
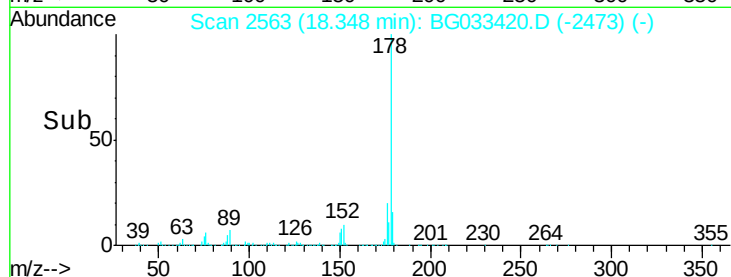
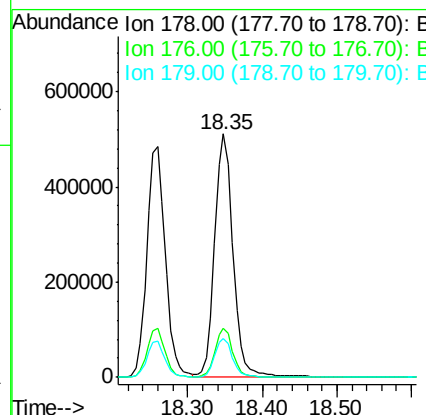
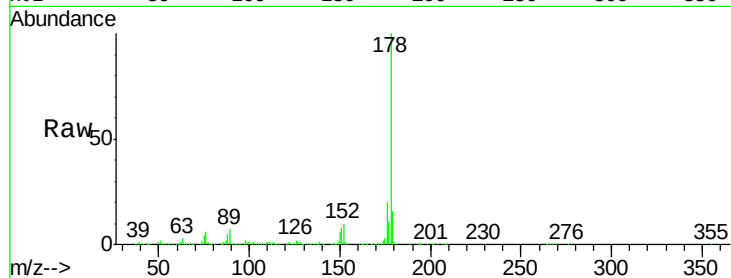
#71
 Anthracene
 Concen: 48.158 ng
 RT: 18.35 min Scan# 2563
 Delta R.T. -0.00 min
 Lab File: BG033420.D
 Acq: 29 Mar 2018 14:13

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-032718-BMSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.2	16.0	24.0
179	15.9	12.5	18.7

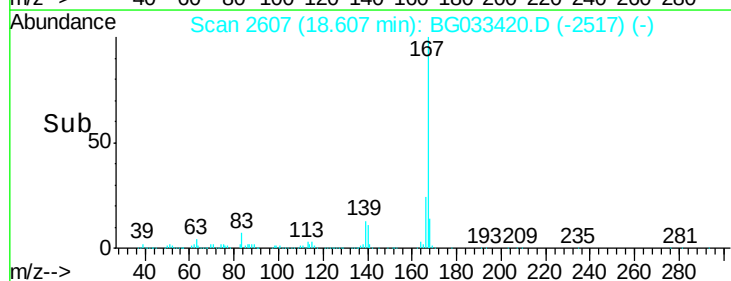
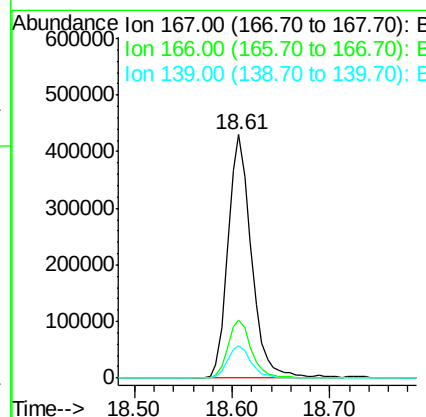
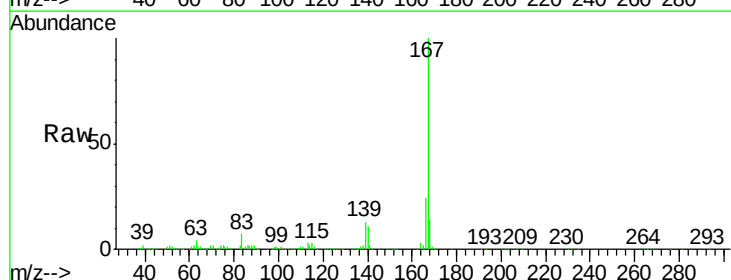
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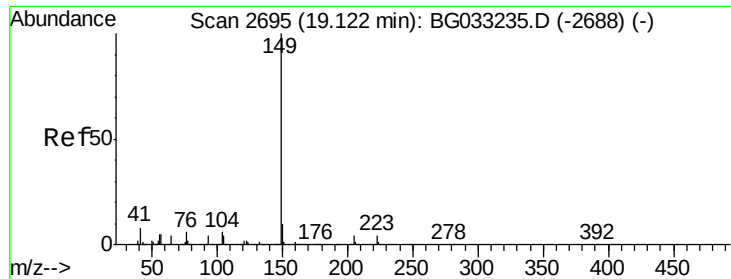
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#72
 Carbazole
 Concen: 44.937 ng
 RT: 18.61 min Scan# 2607
 Delta R.T. -0.00 min
 Lab File: BG033420.D
 Acq: 29 Mar 2018 14:13

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.6	18.2	27.4
139	13.5	9.4	14.2





#73

Di-n-butylphthalate

Concen: 46.727 ng

RT: 19.10 min Scan# 2691

Delta R.T. -0.00 min

Lab File: BG033420.D

Acq: 29 Mar 2018 14:13

Instrument :

BNA_G

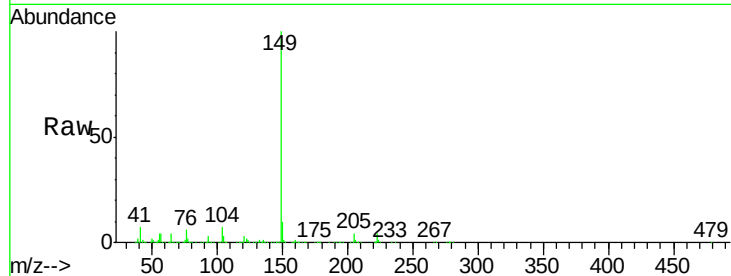
ClientSampleId :

CL-02-032718-BMSD

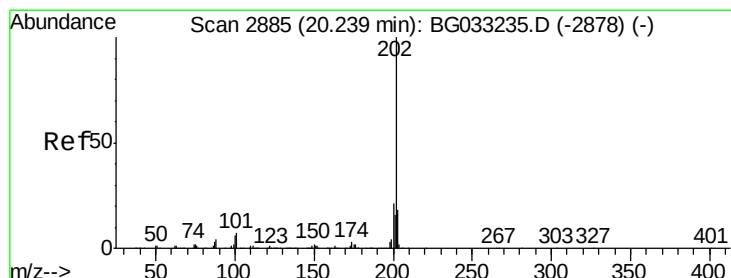
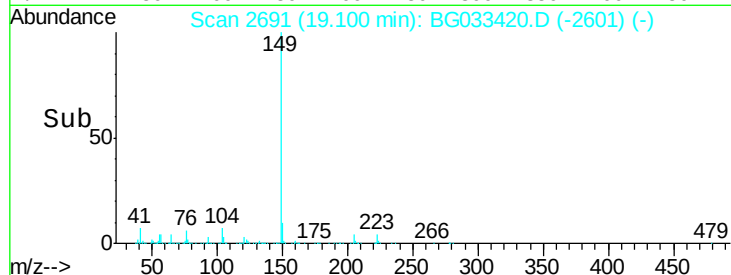
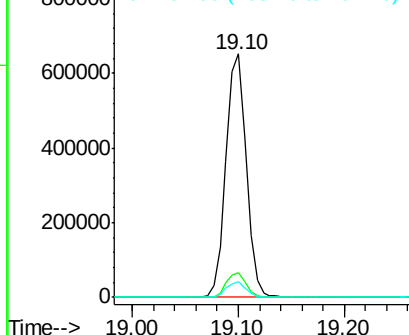
Tot Ion:	149	Resp:	869867
Ion Ratio	Lower	Upper	
149	100		
150	10.0	7.8	11.6
104	6.5	3.9	5.9#

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 46.427 ng

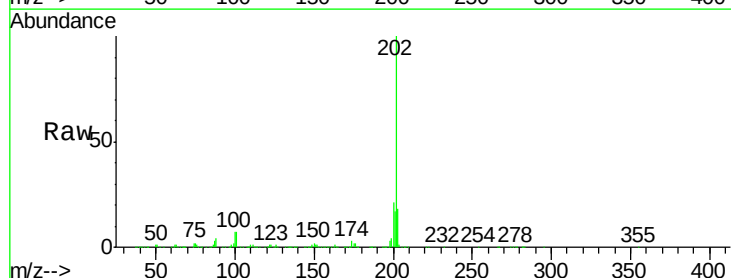
RT: 20.21 min Scan# 2880

Delta R.T. -0.00 min

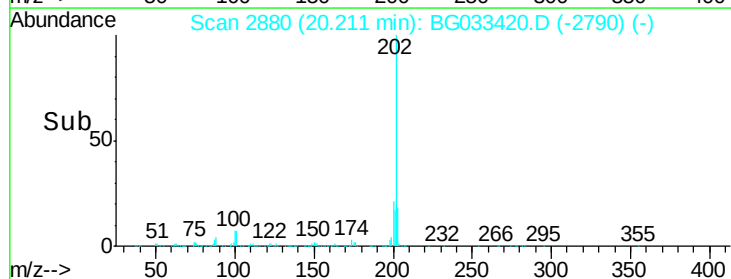
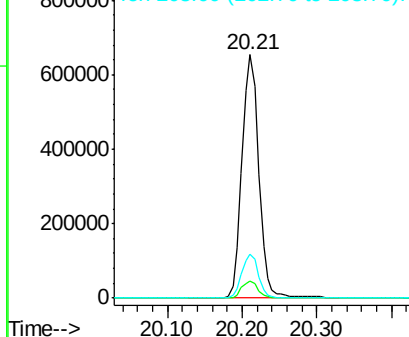
Lab File: BG033420.D

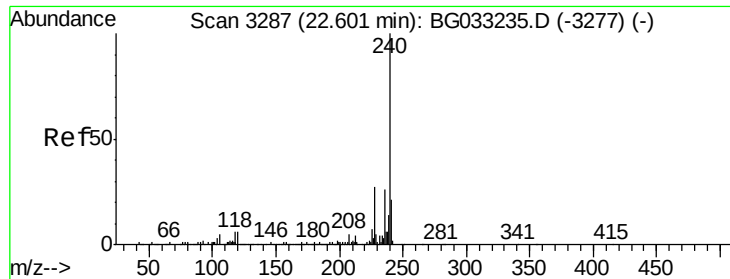
Acq: 29 Mar 2018 14:13

Tgt Ion:	202	Resp:	1024119
Ion Ratio	Lower	Upper	
202	100		
101	7.2	0.0	28.9
203	18.2	0.0	37.5



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.56 min Scan# 3280

Delta R.T. -0.00 min

Lab File: BG033420.D

Acq: 29 Mar 2018 14:13

Instrument :

BNA_G

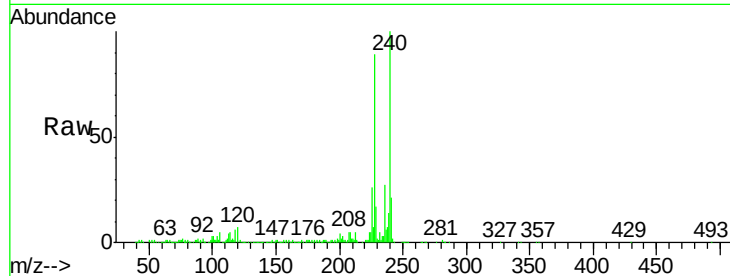
ClientSampleId :

CL-02-032718-BMSD

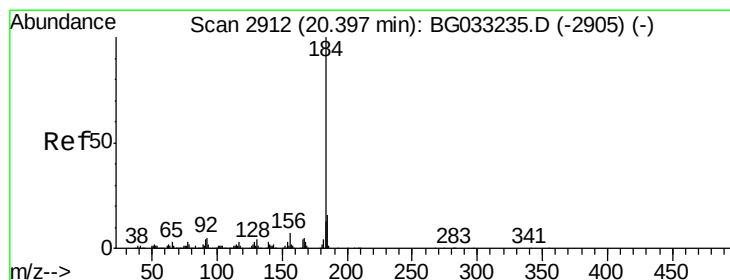
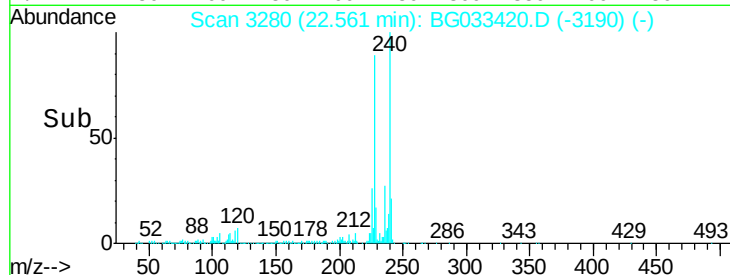
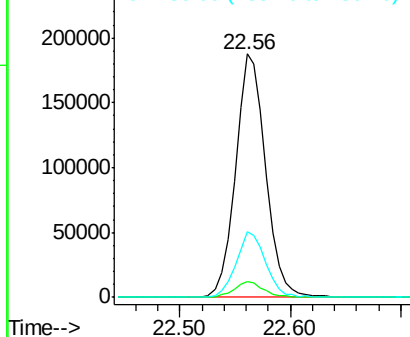
Tot Ion:	240	Resp:	357231
Ion Ratio	Lower	Upper	
240	100		
120	6.6	6.8	10.2#
236	27.2	20.9	31.3

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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 8.605 ng

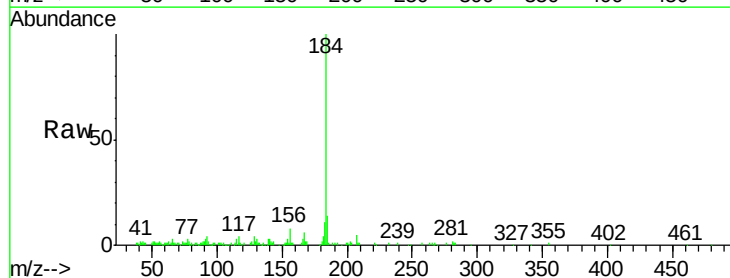
RT: 20.38 min Scan# 2908

Delta R.T. 0.00 min

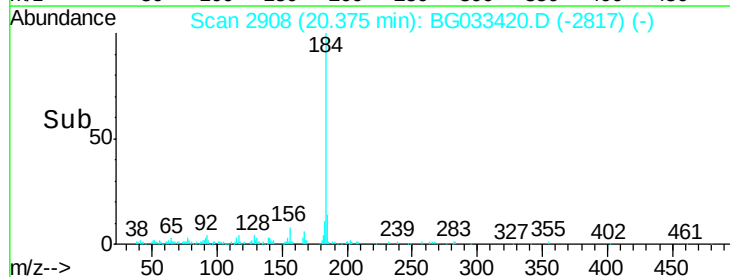
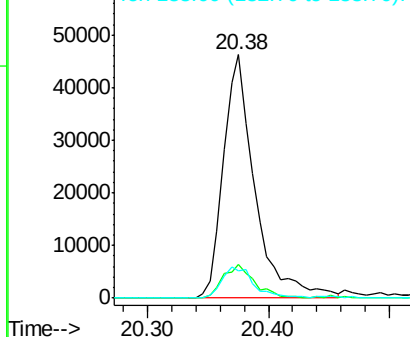
Lab File: BG033420.D

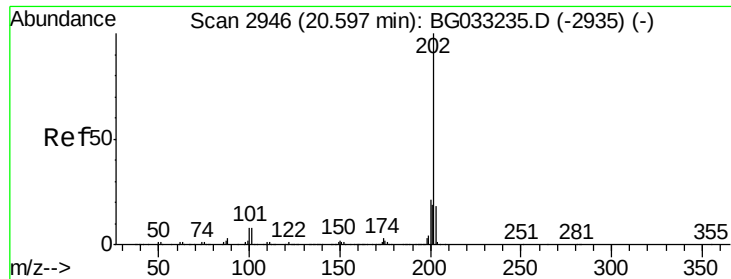
Acq: 29 Mar 2018 14:13

Tgt Ion:	184	Resp:	83366
Ion Ratio	Lower	Upper	
184	100		
185	13.7	11.1	16.7
183	11.4	10.6	16.0



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





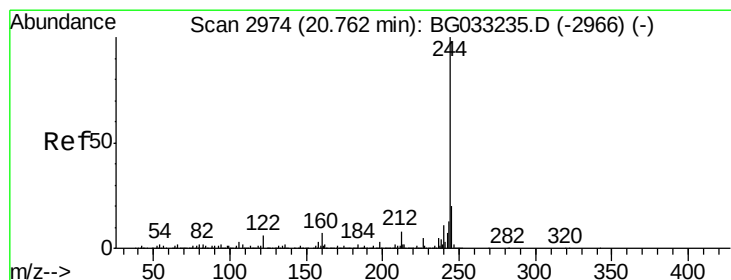
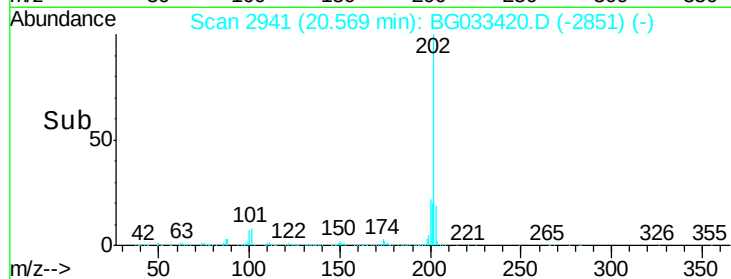
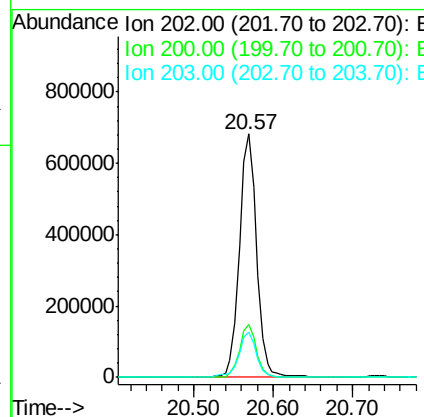
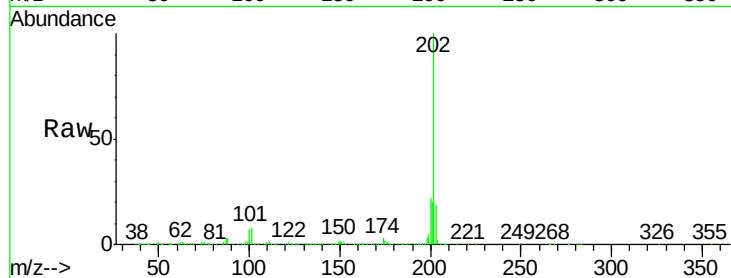
#77
Pvrene
Concen: 43.086 ng
RT: 20.57 min Scan# 2941
Delta R.T. -0.00 min
Lab File: BG033420.D
Acq: 29 Mar 2018 14:13

Instrument :
BNA_G
ClientSampleId :
CL-02-032718-BMSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.8	16.9	25.3
203	18.5	13.9	20.9

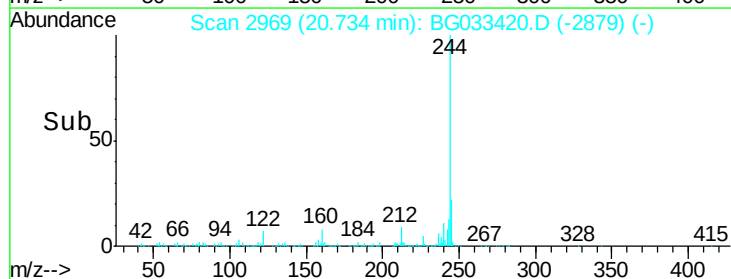
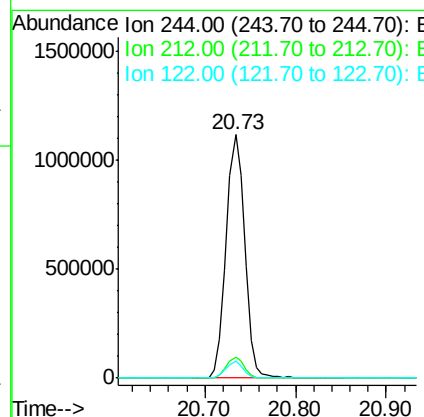
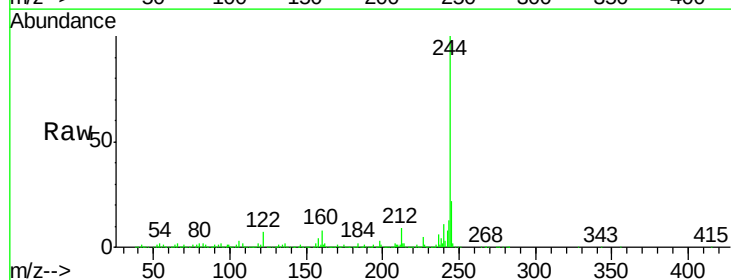
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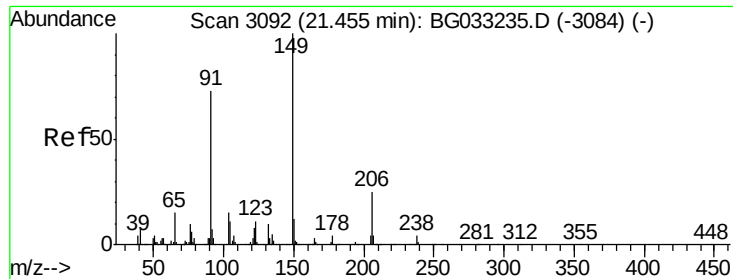
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#78
Terphenyl-d14
Concen: 95.095 ng
RT: 20.73 min Scan# 2969
Delta R.T. -0.00 min
Lab File: BG033420.D
Acq: 29 Mar 2018 14:13

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.7	5.8	8.8
122	7.2	7.0	10.4





#79

Butylbenzylphthalate

Concen: 45.232 ng

RT: 21.42 min Scan# 3086

Delta R.T. -0.01 min

Lab File: BG033420.D

Acq: 29 Mar 2018 14:13

Instrument :

BNA_G

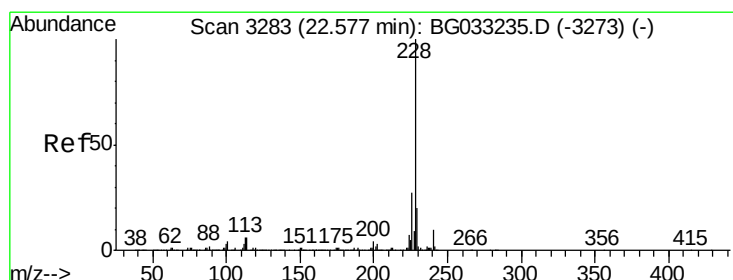
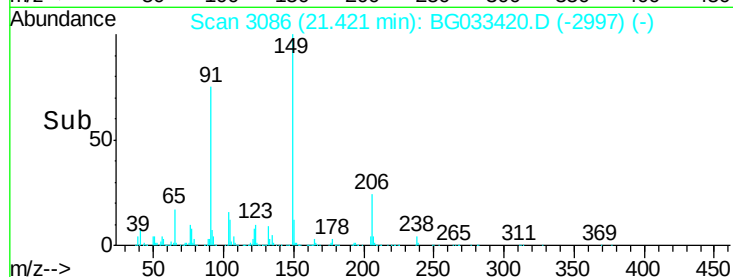
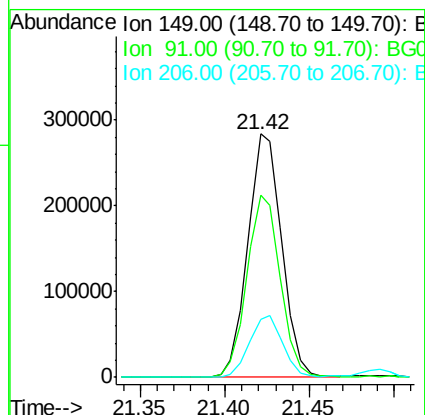
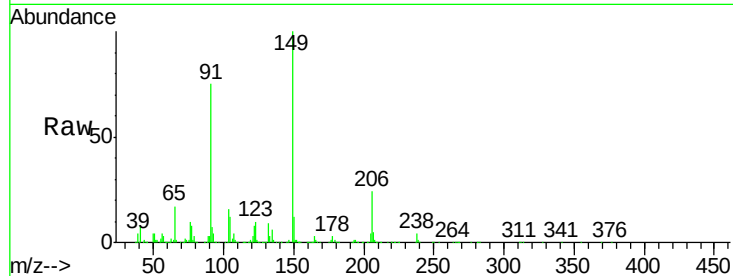
ClientSampleId :

CL-02-032718-BMSD

Tot Ion:	149	Resp:	397678
Ion Ratio	Lower	Upper	
149	100		
91	74.8	62.2	93.2
206	23.9	18.6	27.8

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#80

Benzo(a)anthracene

Concen: 45.882 ng

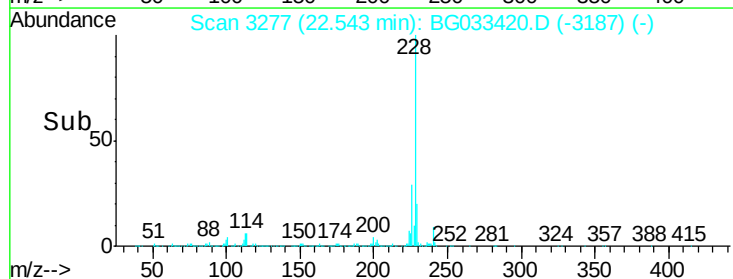
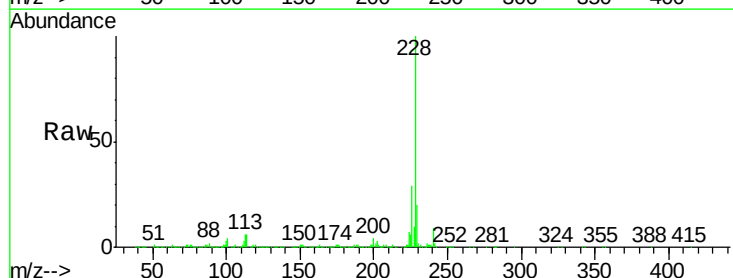
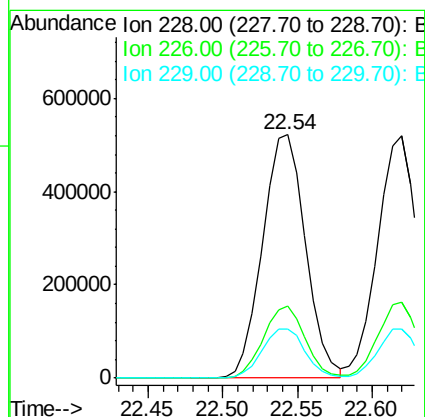
RT: 22.54 min Scan# 3277

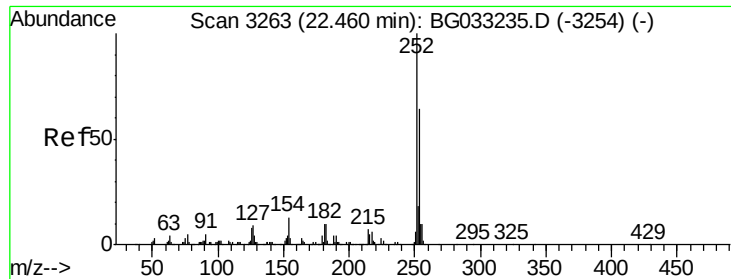
Delta R.T. -0.00 min

Lab File: BG033420.D

Acq: 29 Mar 2018 14:13

Tgt Ion:	228	Resp:	1043670
Ion Ratio	Lower	Upper	
228	100		
226	29.5	22.7	34.1
229	20.4	16.2	24.2





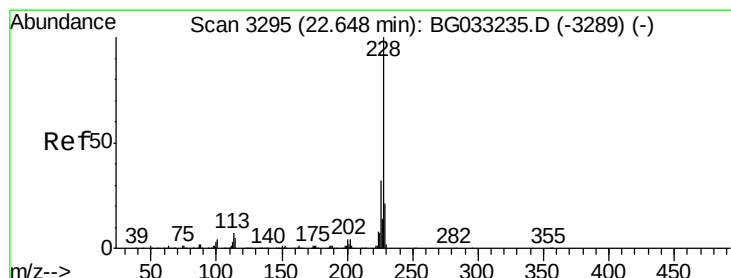
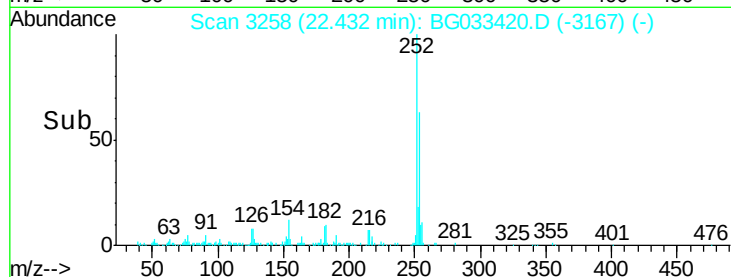
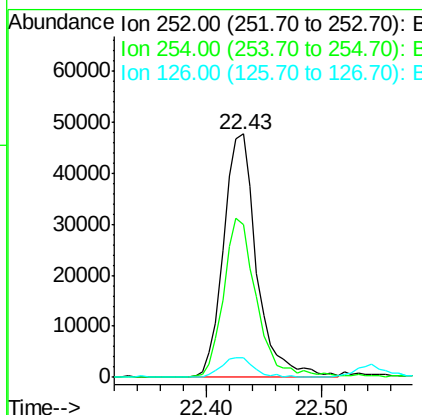
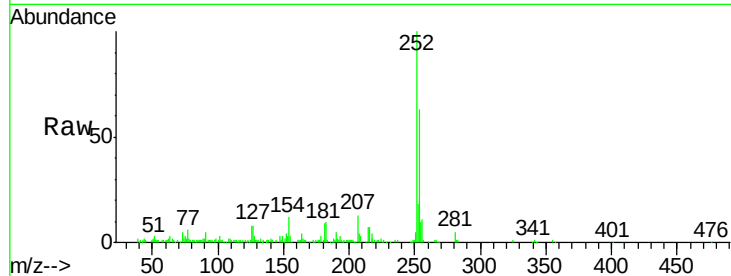
#81
 3,3'-Dichlorobenzidine
 Concen: 11.758 ng
 RT: 22.43 min Scan# 3258
 Delta R.T. 0.00 min
 Lab File: BG033420.D
 Acq: 29 Mar 2018 14:13

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-032718-BMSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	62.9	50.8	76.2
126	8.3	7.4	11.2

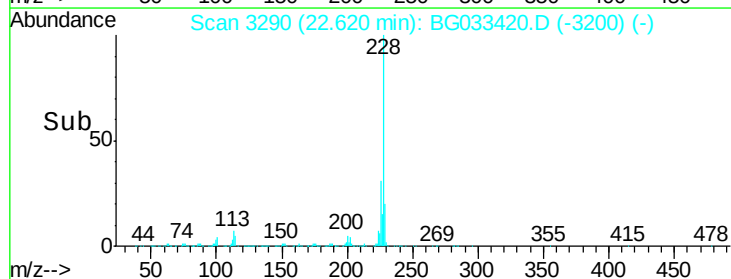
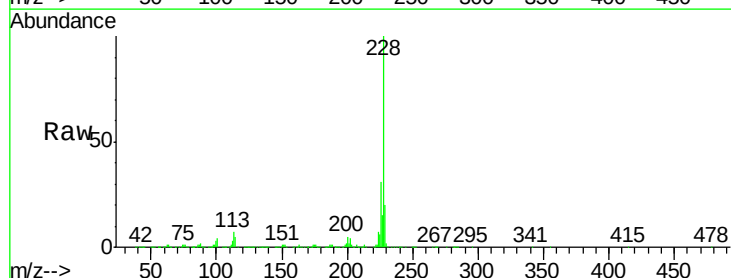
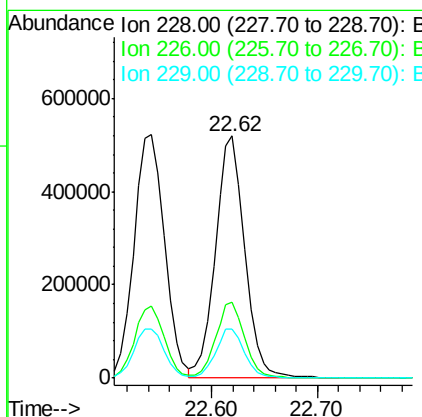
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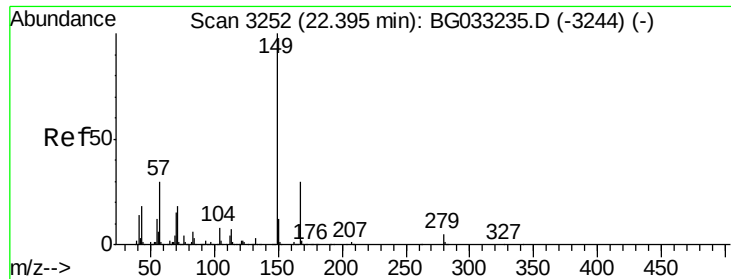
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#82
 Chrysene
 Concen: 45.243 ng
 RT: 22.62 min Scan# 3290
 Delta R.T. -0.00 min
 Lab File: BG033420.D
 Acq: 29 Mar 2018 14:13

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.9	37.3
229	20.4	15.0	22.4





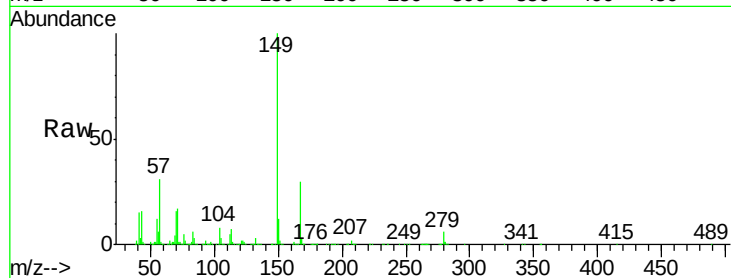
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.542 ng
 RT: 22.36 min Scan# 3246
 Delta R.T. -0.00 min
 Lab File: BG033420.D
 Acq: 29 Mar 2018 14:13

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-032718-BMSD

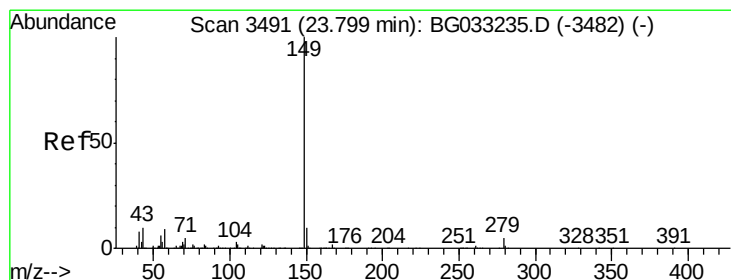
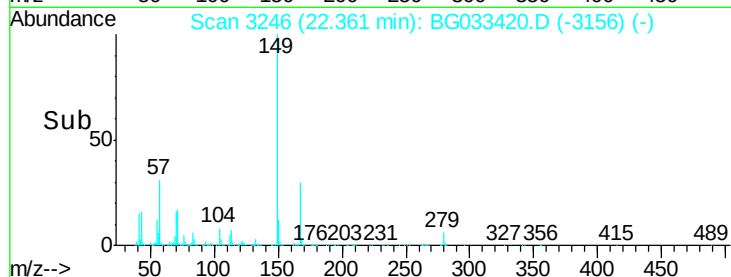
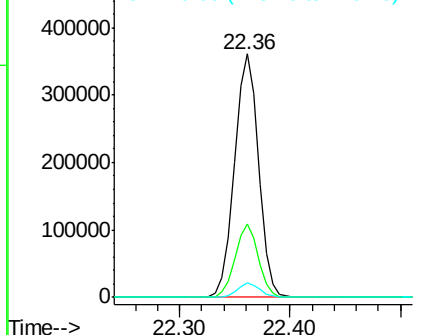
Tot Ion	Ratio	Lower	Upper
149	100		
167	30.1	24.3	36.5
279	5.8	4.0	6.0

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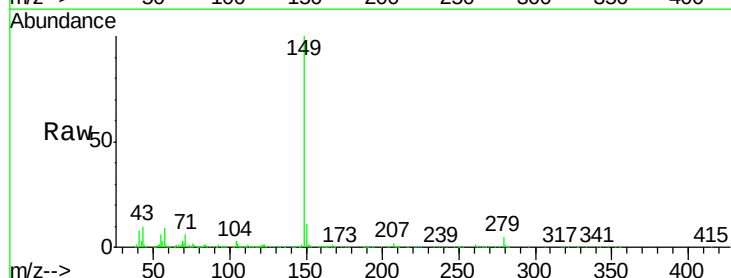


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

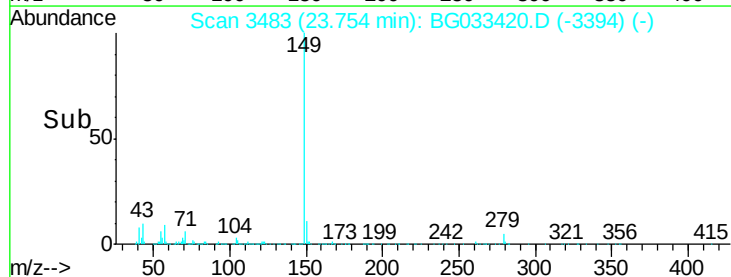
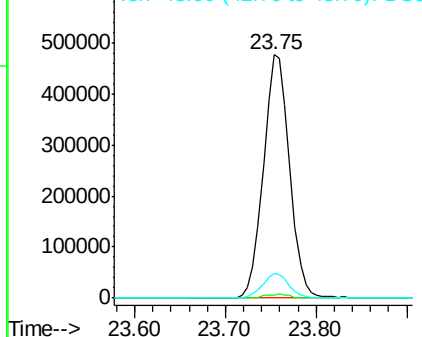


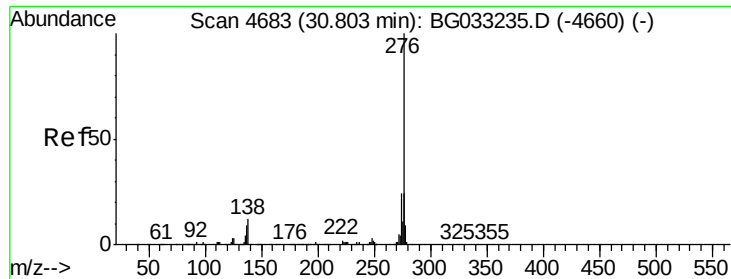
#84
 Di-n-octyl phthalate
 Concen: 51.754 ng
 RT: 23.75 min Scan# 3483
 Delta R.T. -0.01 min
 Lab File: BG033420.D
 Acq: 29 Mar 2018 14:13

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	10.1	8.9	13.3



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BGO





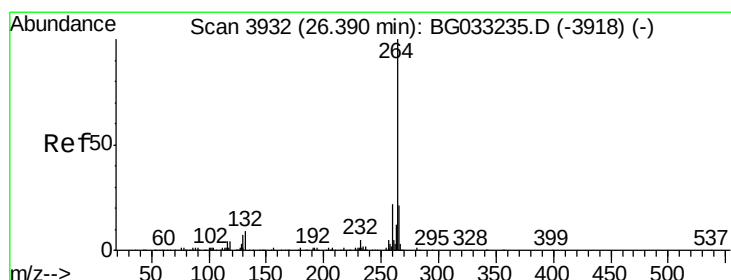
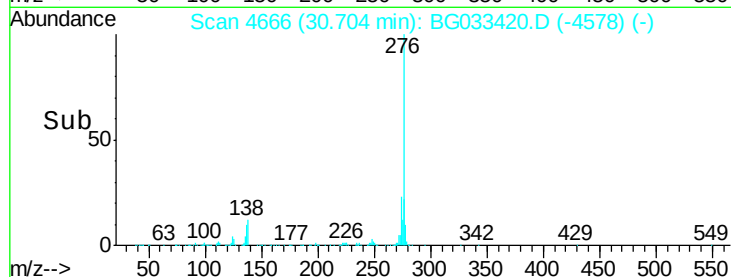
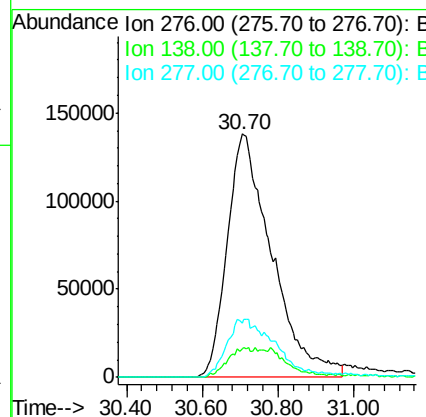
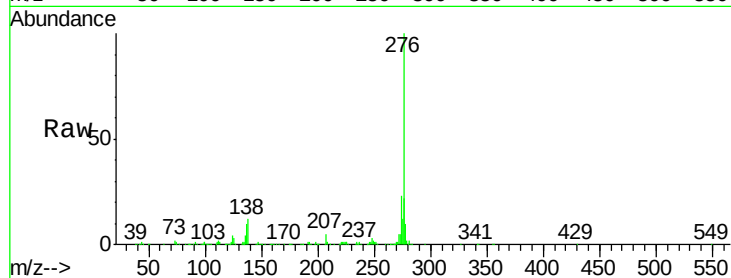
#85
Indeno(1,2,3-cd)pyrene
Concen: 47.411 ng
RT: 30.70 min Scan# 4666
Delta R.T. -0.01 min
Lab File: BG033420.D
Acq: 29 Mar 2018 14:13

Instrument :
BNA_G
ClientSampleId :
CL-02-032718-BMSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	0.0	16.0	24.0#
277	8.5	20.0	30.0#

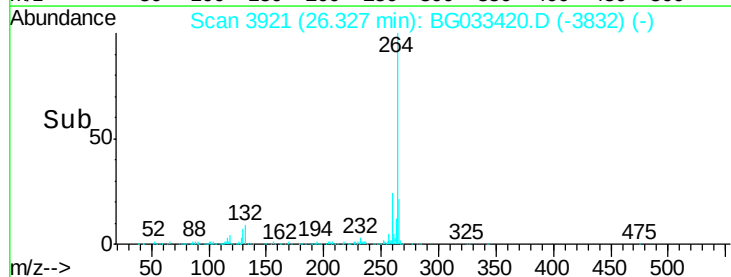
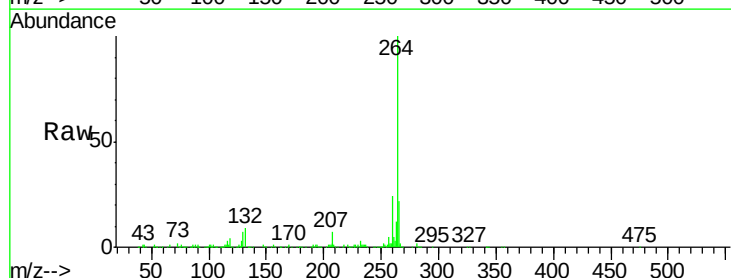
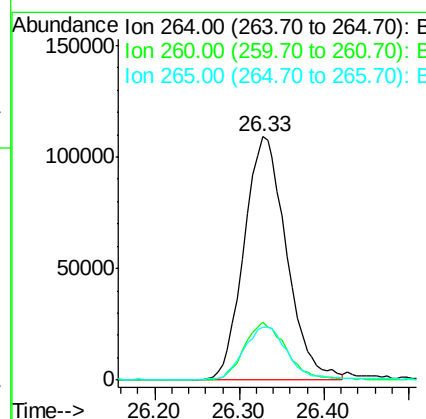
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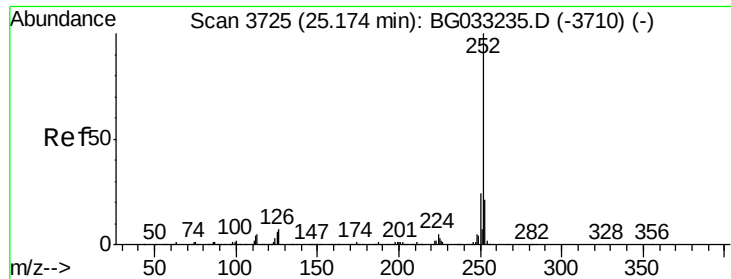
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#86
Perylene-d12
Concen: 20.000 ng
RT: 26.33 min Scan# 3921
Delta R.T. -0.01 min
Lab File: BG033420.D
Acq: 29 Mar 2018 14:13

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	17.4	26.0
265	21.7	17.7	26.5





#87

Benzo(b)fluoranthene

Concen: 46.914 ng

RT: 25.12 min Scan# 3715

Delta R.T. -0.00 min

Lab File: BG033420.D

Acq: 29 Mar 2018 14:13

Instrument :

BNA_G

ClientSampleId :

CL-02-032718-BMSD

Tot Ion:252 Resp: 1031664

Ion Ratio Lower Upper

252 100

253 22.7 18.2 27.4

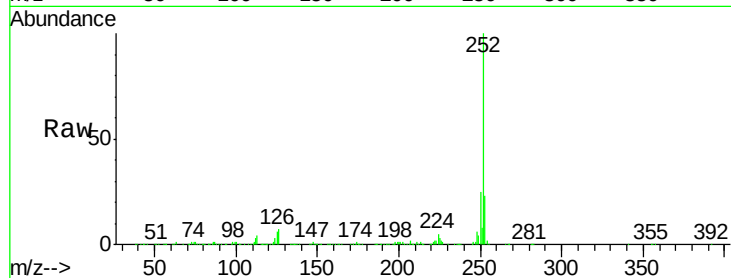
125 5.7 7.2 10.8#

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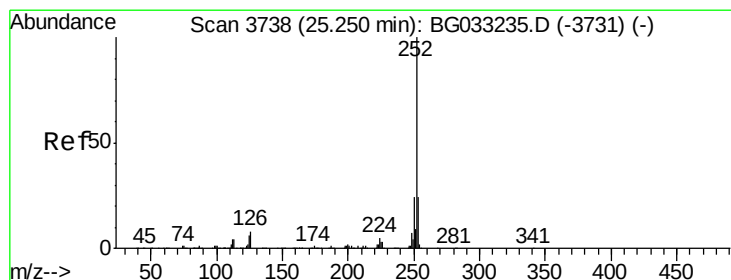
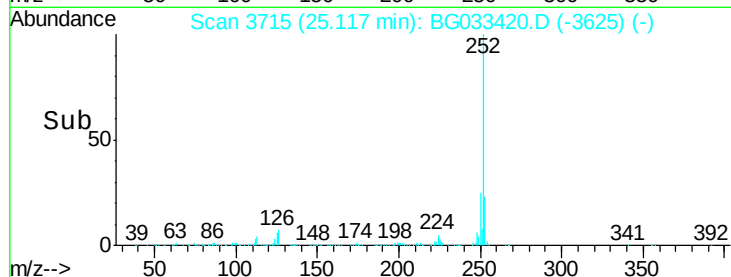
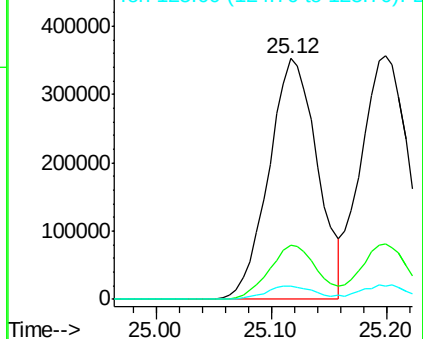
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Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 47.669 ng

RT: 25.20 min Scan# 3729

Delta R.T. -0.00 min

Lab File: BG033420.D

Acq: 29 Mar 2018 14:13

Tgt Ion:252 Resp: 1060208

Ion Ratio Lower Upper

252 100

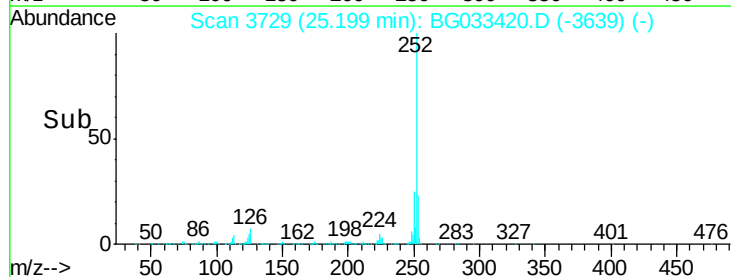
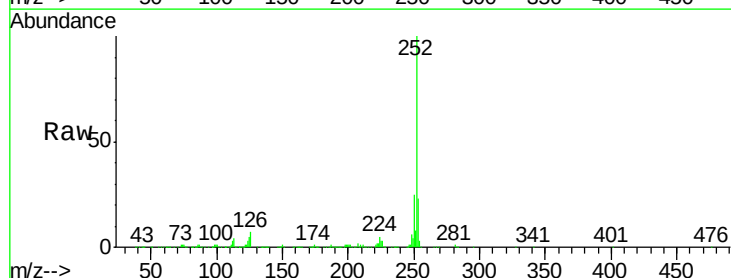
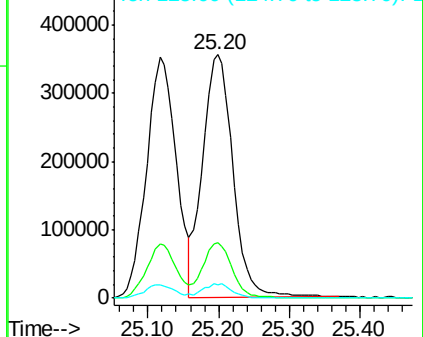
253 23.0 17.4 26.2

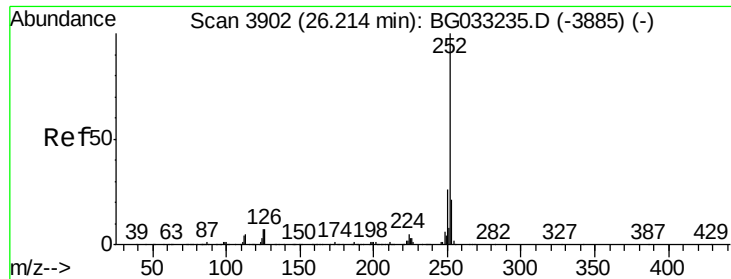
125 5.5 6.6 9.8#

Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





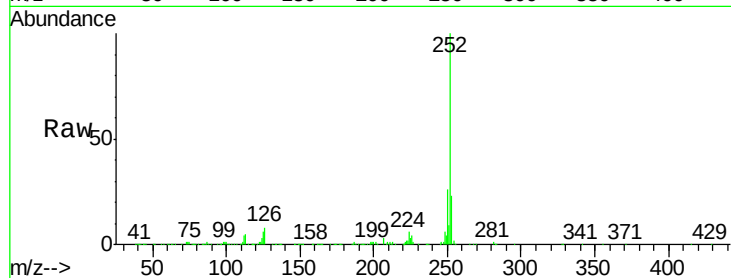
#89
Benzo(a)pyrene
Concen: 49.122 ng
RT: 26.15 min Scan# 3891
Delta R.T. -0.00 min
Lab File: BG033420.D
Acq: 29 Mar 2018 14:13

Instrument :
BNA_G
ClientSampleId :
CL-02-032718-BMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.3	27.5
125	5.8	7.3	10.9

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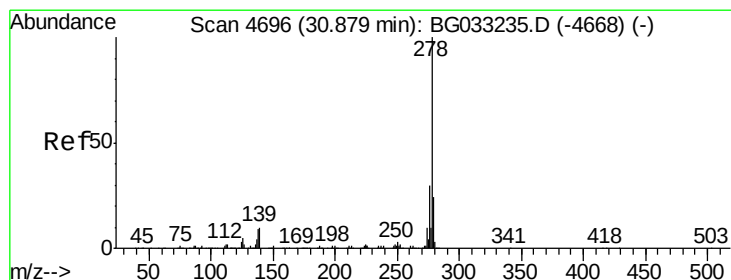
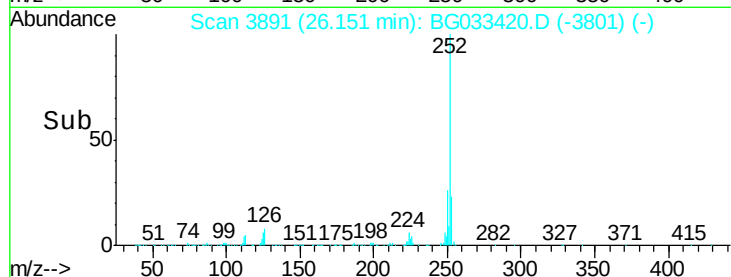
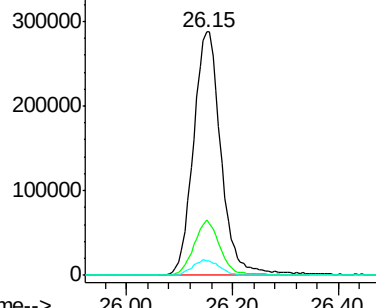


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90
Dibenzo(a,h)anthracene
Concen: 47.381 ng
RT: 30.79 min Scan# 4680
Delta R.T. 0.00 min
Lab File: BG033420.D
Acq: 29 Mar 2018 14:13

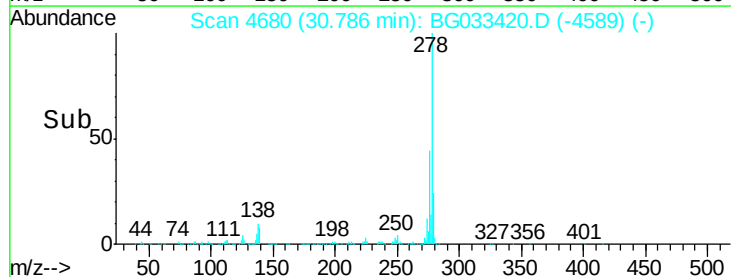
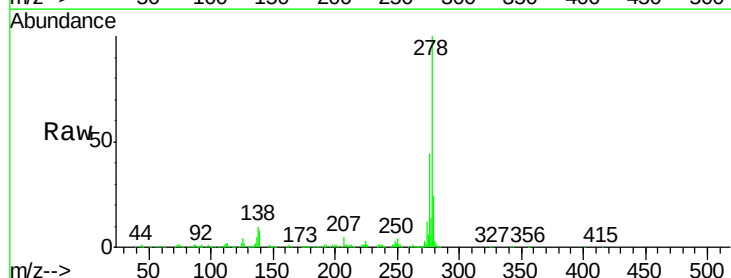
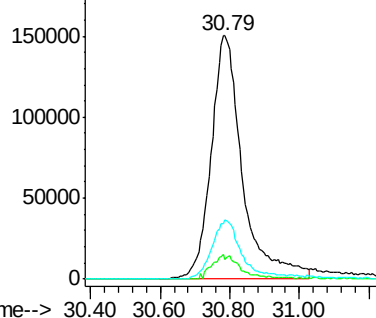
Tgt Ion	Ratio	Lower	Upper
278	100		
139	8.3	9.8	14.6
279	24.3	18.4	27.6

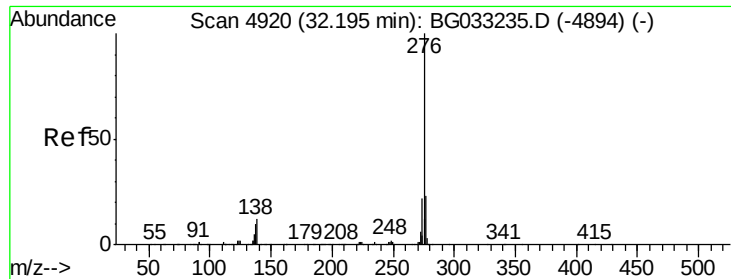
Abundance

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(a,h,i)perylene
 Concen: 44.337 ng
 RT: 32.08 min Scan# 4901
 Delta R.T. -0.00 min
 Lab File: BG033420.D
 Acq: 29 Mar 2018 14:13

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-032718-BMSD

Tot Ion:	276	Resp:	873354
Ion Ratio		Lower	Upper
276	100		
277	25.8	18.3	27.5
138	12.9	13.9	20.9

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