

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG011218\
 Data File : BG032009.D
 Acq On : 12 Jan 2018 19:23
 Operator : SJ/JU
 Sample : J1010-02MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BU-02-011118MS

Manual Integrations
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Sohil
 1/15/2018 4:23:46 PM

Quant Time: Jan 13 03:29:40 2018
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 12 17:27:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	60157	20.00	ng	0.00
21) Naphthalene-d8	11.66	136	248061	20.00	ng	0.00
38) Acenaphthene-d10	15.40	164	170502	20.00	ng	0.00
63) Phenanthrene-d10	18.14	188	422901	20.00	ng	0.00
75) Chrysene-d12	22.48	240	467970	20.00	ng	0.00
86) Perylene-d12	26.20	264	502186	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	6.20	112	414612	126.05	ng	0.00
7) Phenol-d6	7.88	99	484055	116.85	ng	0.00
23) Nitrobenzene-d5	9.97	82	330398	90.11	ng	0.00
41) 2,4,6-Tribromophenol	16.88	330	383174	135.81	ng	0.00
44) 2-Fluorobiphenyl	14.03	172	1156386	84.10	ng	0.00
78) Terphenyl-d14	20.67	244	1983123	93.57	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.86	88	39563	31.309	ng	# 77
3) Pyridine	4.32	79	99192	29.408	ng	# 75
4) n-Nitrosodimethylamine	4.21	42	53052	44.770	ng	# 85
6) Aniline	8.07	93	80014	15.313	ng	94
8) 2-Chlorophenol	8.32	128	171328	46.549	ng	82
9) Benzaldehyde	7.87	77	22525	9.385	ng	96
10) Phenol	7.91	94	172218	42.203	ng	91
11) bis(2-Chloroethyl)ether	8.16	93	141486	43.278	ng	# 82
12) 1,3-Dichlorobenzene	8.66	146	191759	39.808	ng	# 93
13) 1,4-Dichlorobenzene	8.81	146	194536	40.109	ng	94
14) 1,2-Dichlorobenzene	9.14	146	187548	39.979	ng	94
15) Benzyl Alcohol	9.01	79	137361	45.644	ng	92
16) 2,2'-oxybis(1-Chloropropan	9.30	45	146939	44.226	ng	79
17) 2-Methylphenol	9.20	107	136280	43.699	ng	97
18) Hexachloroethane	9.90	117	61525	41.275	ng	# 85
19) n-Nitroso-di-n-propylamine	9.59	70	113090	43.999	ng	# 85
20) 3+4-Methylphenols	9.54	107	186247	43.110	ng	95
22) Acetophenone	9.62	105	254944	45.245	ng	# 86
24) Nitrobenzene	10.02	77	163101	44.595	ng	# 87
25) Isophorone	10.54	82	318760	46.689	ng	# 87
26) 2-Nitrophenol	10.74	139	103080	47.566	ng	# 82
27) 2,4-Dimethylphenol	10.77	122	182216	52.986	ng	92
28) bis(2-Chloroethoxy)methane	11.02	93	202378	49.199	ng	# 92
29) 2,4-Dichlorophenol	11.28	162	209567	49.525	ng	91
30) 1,2,4-Trichlorobenzene	11.51	180	229254	41.950	ng	98
31) Naphthalene	11.71	128	593550	48.302	ng	98
32) Benzoic acid	10.90	122	110013m	40.768	ng	
33) 4-Chloroaniline	11.80	127	20862	3.959	ng	# 89
34) Hexachlorobutadiene	11.98	225	157930	40.235	ng	95
35) Caprolactam	12.55	113	48790	38.006	ng	# 41
36) 4-Chloro-3-methylphenol	12.87	107	190896	49.286	ng	# 84
37) 2-Methylnaphthalene	13.27	142	453841	46.519	ng	93
39) 1,2,4,5-Tetrachlorobenzene	13.62	216	319133	42.939	ng	# 96
40) Hexachlorocyclopentadiene	13.60	237	411543	98.313	ng	91

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG011218\
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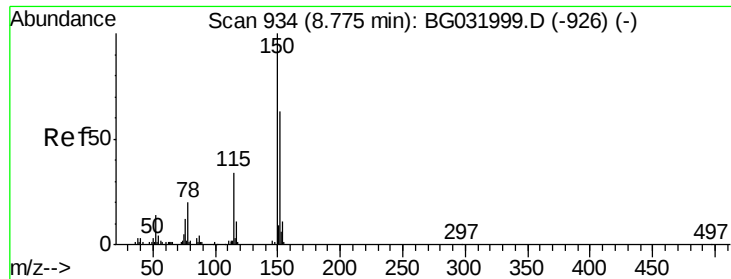
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Quant Time: Jan 13 03:29:40 2018
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 12 17:27:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.85	196	199600	47.797	ng	99
43) 2,4,5-Trichlorophenol	13.92	196	217438	44.984	ng #	91
45) 1,1'-Biphenyl	14.25	154	642451	43.953	ng	95
46) 2-Chloronaphthalene	14.30	162	486735	42.805	ng	96
47) 2-Nitroaniline	14.49	65	101376	46.571	ng #	62
48) Acenaphthylene	15.14	152	742391	42.874	ng	99
49) Dimethylphthalate	14.84	163	662618	44.410	ng	99
50) 2,6-Dinitrotoluene	14.96	165	146562	47.325	ng #	68
51) Acenaphthene	15.47	154	561976	49.082	ng	97
52) 3-Nitroaniline	15.29	138	23779	8.501	ng #	66
53) 2,4-Dinitrophenol	15.49	184	187785	117.318	ng #	67
54) Dibenzofuran	15.80	168	775902	45.427	ng	98
55) 4-Nitrophenol	15.57	139	191793	94.088	ng #	74
56) 2,4-Dinitrotoluene	15.74	165	208935	50.110	ng #	63
57) Fluorene	16.44	166	629214	44.917	ng	96
58) 2,3,4,6-Tetrachlorophenol	16.01	232	230205	51.482	ng #	85
59) Diethylphthalate	16.18	149	644570	44.562	ng	99
60) 4-Chlorophenyl-phenylether	16.42	204	389093	45.279	ng	92
61) 4-Nitroaniline	16.45	138	83406	31.085	ng	80
62) Azobenzene	16.71	77	412827	45.599	ng	83
64) 4,6-Dinitro-2-methylphenol	16.50	198	121645	45.251	ng #	69
65) n-Nitrosodiphenylamine	16.63	169	563490	43.911	ng	99
66) 4-Bromophenyl-phenylether	17.31	248	279417	46.437	ng	95
67) Hexachlorobenzene	17.44	284	286177	42.989	ng #	89
68) Atrazine	17.55	200	160123	29.671	ng	97
69) Pentachlorophenol	17.78	266	375644	88.282	ng	98
70) Phenanthrene	18.18	178	1059213	44.986	ng	98
71) Anthracene	18.27	178	1079649	45.974	ng	98
72) Carbazole	18.53	167	888475	43.613	ng	100
73) Di-n-butylphthalate	19.04	149	1071879	44.527	ng	99
74) Fluoranthene	20.15	202	1301891	44.162	ng	94
76) Benzidine	20.35	184	28215m	2.411	ng	
77) Pyrene	20.50	202	1315792	44.727	ng	97
79) Butylbenzylphthalate	21.36	149	481970	45.727	ng #	76
80) Benzo(a)anthracene	22.46	228	1336465	45.921	ng	99
81) 3,3'-Dichlorobenzidine	22.35	252	66257	6.094	ng #	90
82) Chrysene	22.54	228	1263088	45.191	ng	98
83) Bis(2-ethylhexyl)phthalate	22.30	149	682157	44.134	ng #	96
84) Di-n-octyl phthalate	23.69	149	1184159	48.238	ng #	88
85) Indeno(1,2,3-cd)pyrene	30.53	276	1637735	47.880	ng #	89
87) Benzo(b)fluoranthene	25.01	252	1452494	47.851	ng #	97
88) Benzo(k)fluoranthene	25.09	252	1415177	47.711	ng #	96
89) Benzo(a)pyrene	26.03	252	1388369	48.351	ng #	97
90) Dibenzo(a,h)anthracene	30.62	278	1358105	49.082	ng #	95
91) Benzo(g,h,i)perylene	31.89	276	1357845	48.012	ng #	93

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



#1

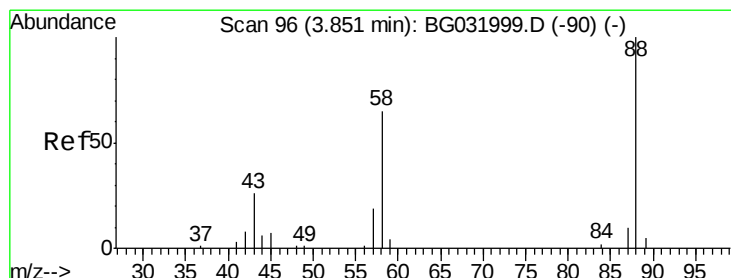
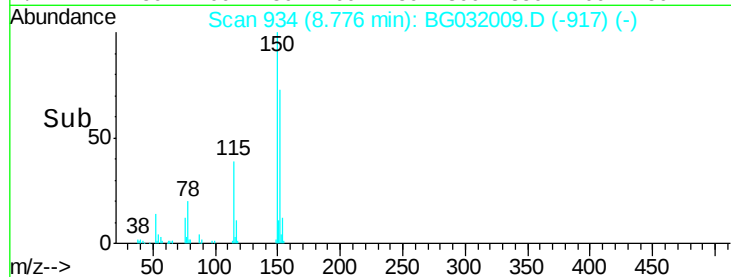
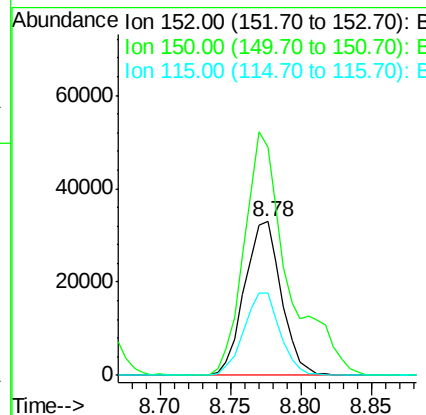
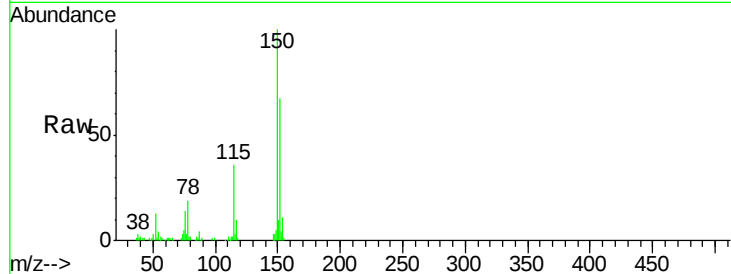
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.78 min Scan# 934
Delta R.T. 0.00 min
Lab File: BG032009.D
Acq: 12 Jan 2018 19:23

Instrument :
BNA_G
ClientSampleId :
BU-02-011118MS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	148.2	126.6	189.8
115	53.7	53.0	79.4

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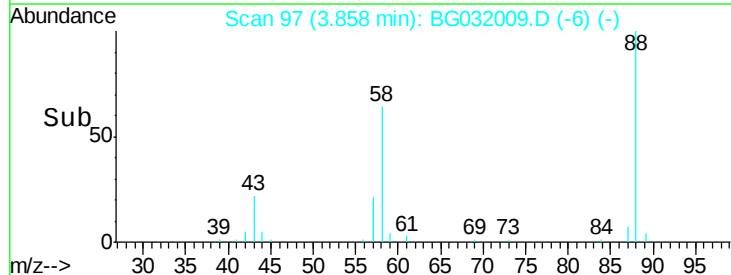
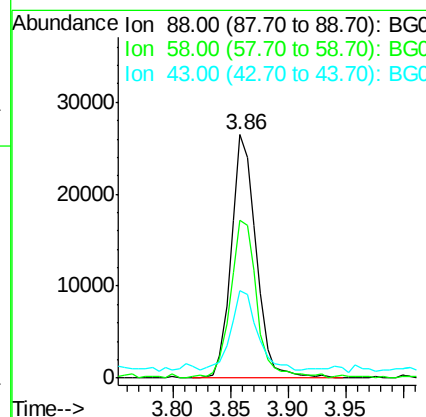
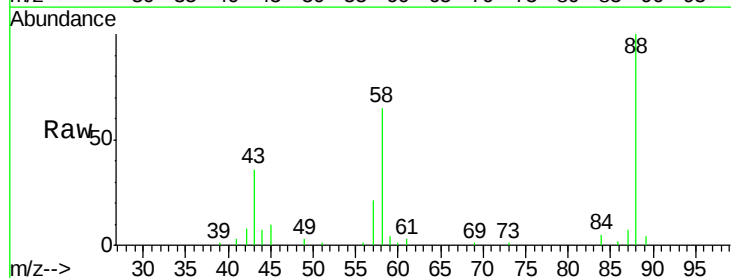
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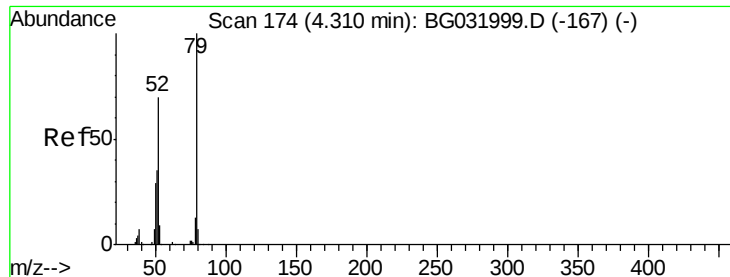


#2

1,4-Dioxane
Concen: 31.309 ng
RT: 3.86 min Scan# 97
Delta R.T. 0.01 min
Lab File: BG032009.D
Acq: 12 Jan 2018 19:23

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.4	79.6	119.4#
43	34.9	27.4	41.0





#3

Pyridine

Concen: 29.408 ng

RT: 4.32 min Scan# 175

Delta R.T. 0.01 min

Lab File: BG032009.D

Acq: 12 Jan 2018 19:23

Instrument :

BNA_G

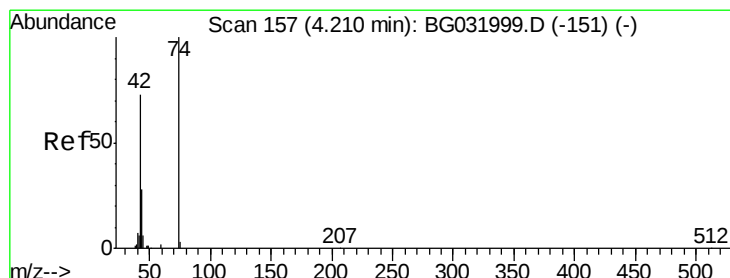
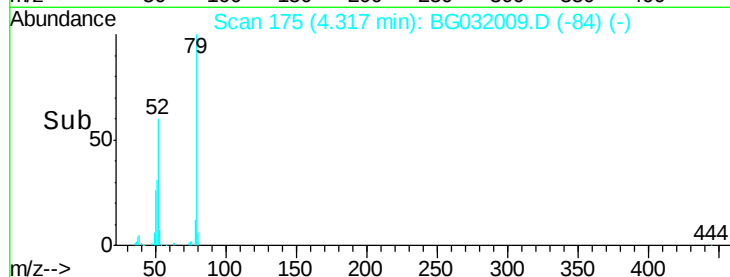
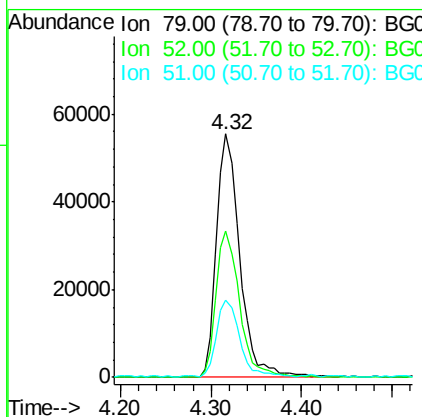
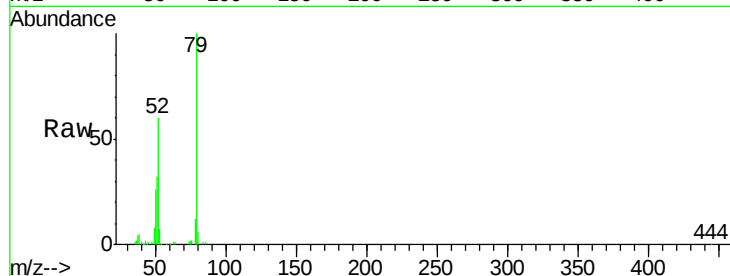
ClientSampleId :

BU-02-011118MS

Tgt Ion	Ratio	Lower	Upper
79	100		
52	59.9	69.9	104.9#
51	31.8	34.0	51.0#

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 44.770 ng

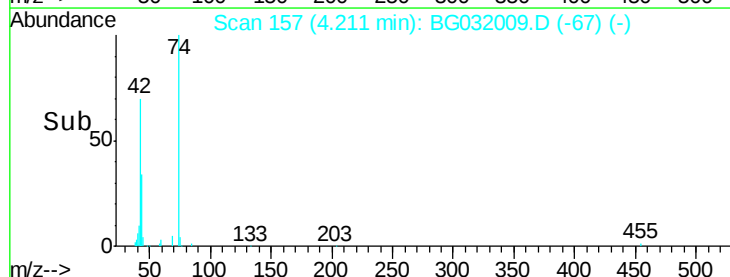
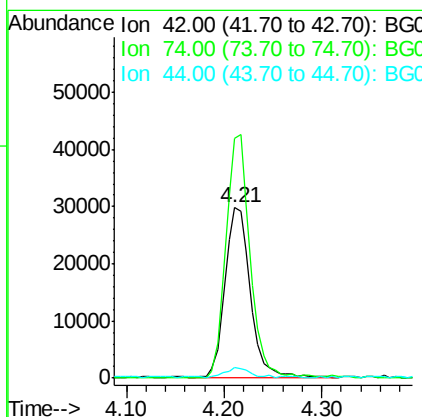
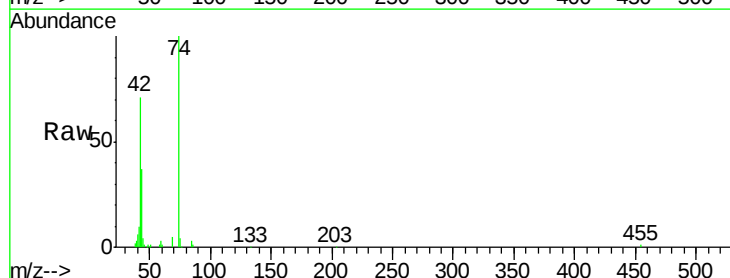
RT: 4.21 min Scan# 157

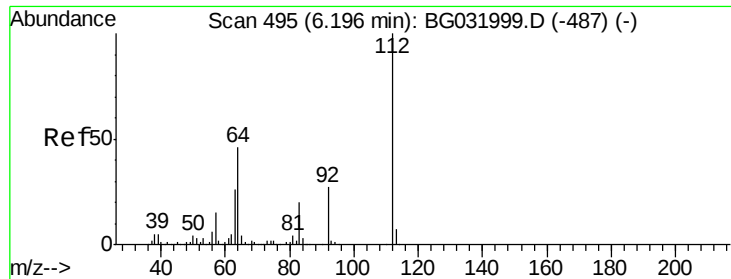
Delta R.T. 0.00 min

Lab File: BG032009.D

Acq: 12 Jan 2018 19:23

Tgt Ion	Ratio	Lower	Upper
42	100		
74	140.5	102.5	153.7
44	6.1	18.9	28.3#





#5

2-Fluorophenol

Concen: 126.053 ng

RT: 6.20 min Scan# 496

Delta R.T. 0.01 min

Lab File: BG032009.D

Acq: 12 Jan 2018 19:23

Instrument :

BNA_G

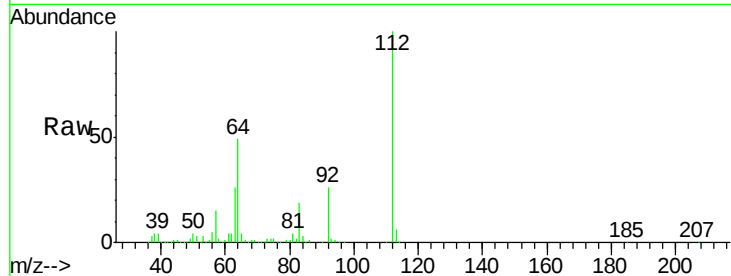
ClientSampleId :

BU-02-011118MS

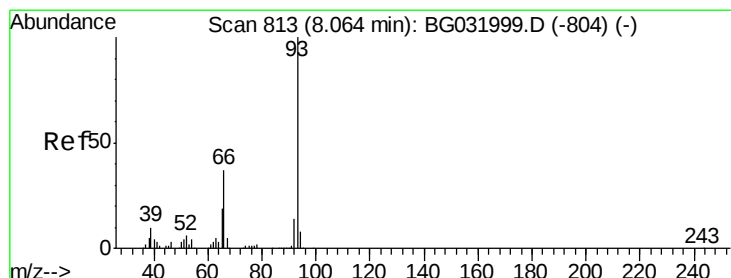
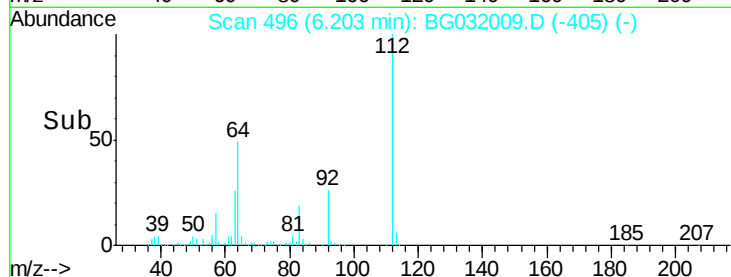
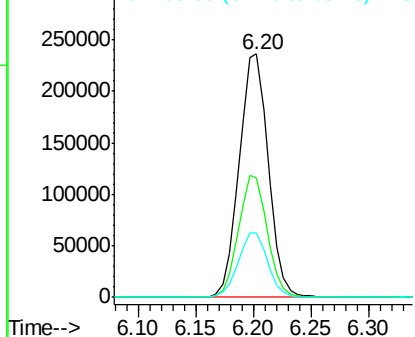
Tgt Ion:	112	Resp:	414612
Ion Ratio	Lower	Upper	
112	100		
64	49.0	56.3	84.5#
63	26.4	30.1	45.1#

Manual Integrations
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Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 15.313 ng

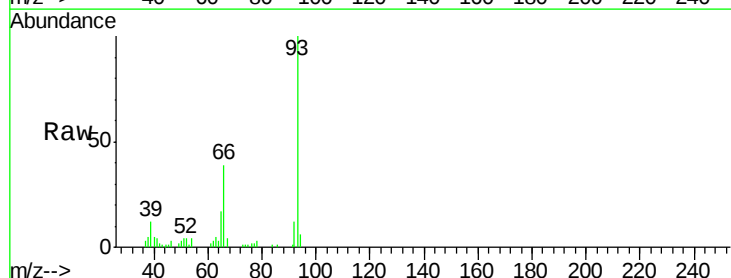
RT: 8.07 min Scan# 814

Delta R.T. 0.01 min

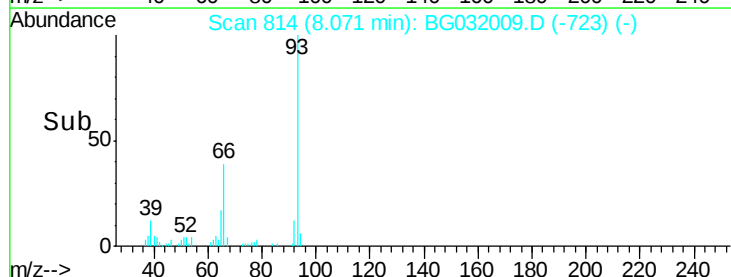
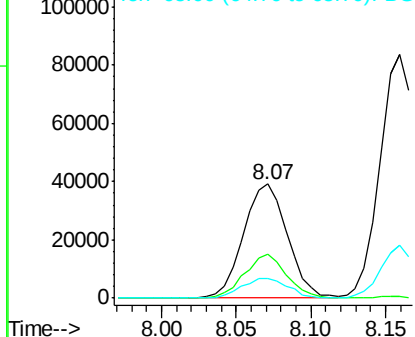
Lab File: BG032009.D

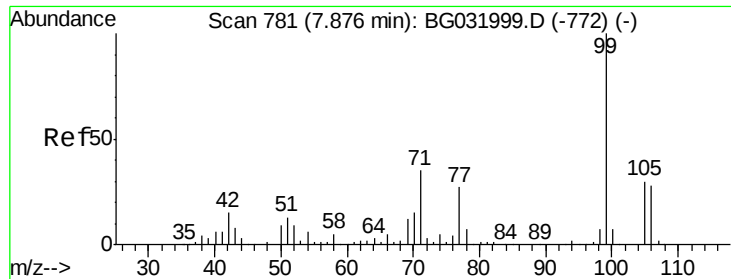
Acq: 12 Jan 2018 19:23

Tgt Ion:	93	Resp:	80014
Ion Ratio	Lower	Upper	
93	100		
66	38.8	33.7	50.5
65	16.9	16.1	24.1



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 116.850 ng

RT: 7.88 min Scan# 782

Delta R.T. 0.01 min

Lab File: BG032009.D

Acq: 12 Jan 2018 19:23

Instrument :

BNA_G

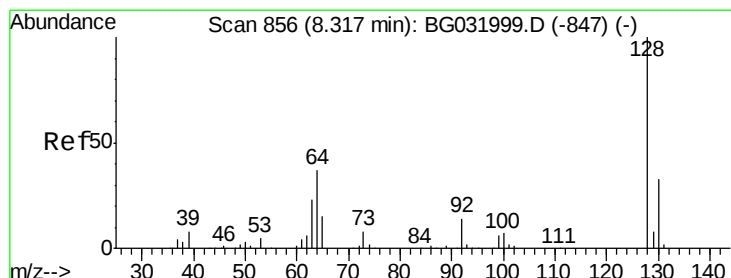
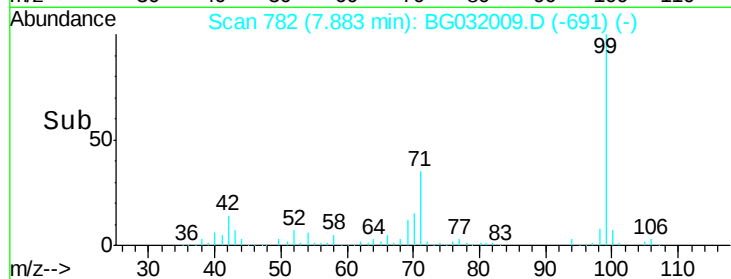
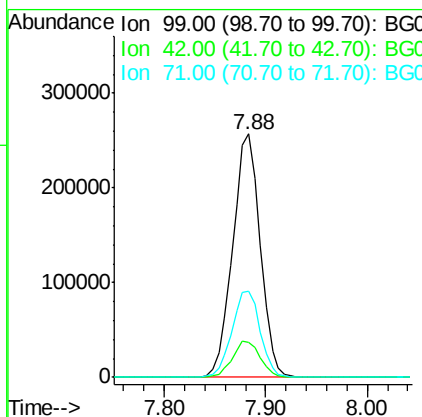
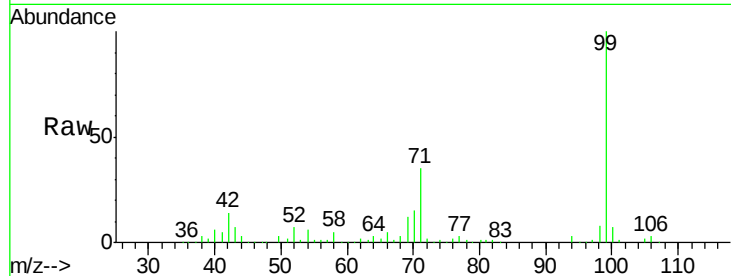
ClientSampleId :

BU-02-011118MS

Tgt Ion:	99	Resp:	484055
Ion Ratio	Lower	Upper	
99	100		
42	14.2	14.1	21.1
71	35.4	26.1	39.1

Manual Integrations
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#8

2-Chlorophenol

Concen: 46.549 ng

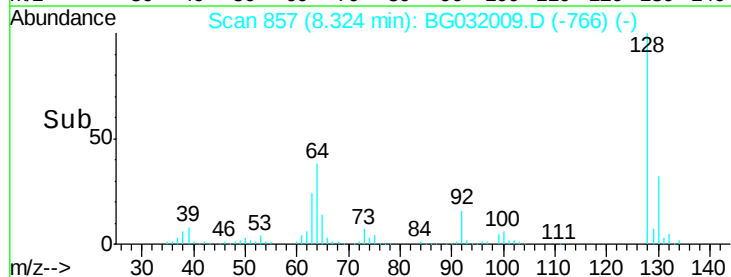
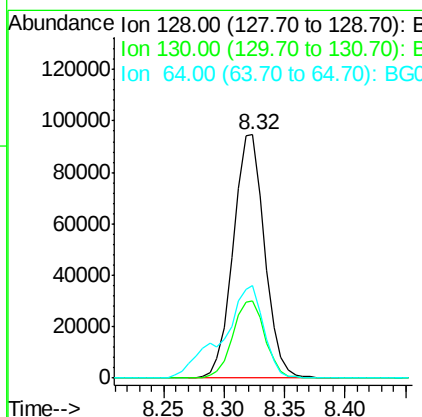
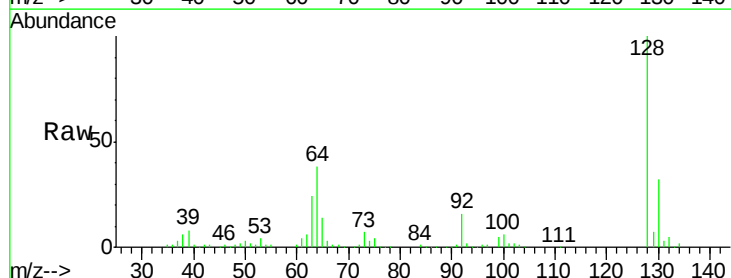
RT: 8.32 min Scan# 857

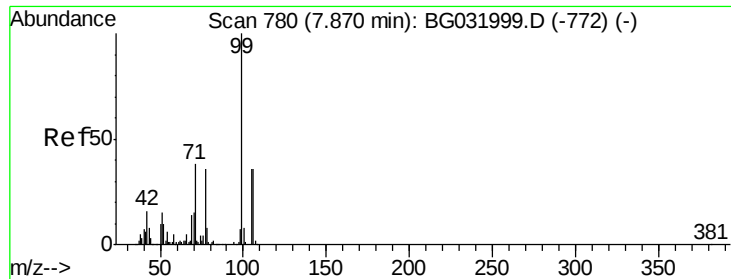
Delta R.T. 0.01 min

Lab File: BG032009.D

Acq: 12 Jan 2018 19:23

Tgt Ion:	128	Resp:	171328
Ion Ratio	Lower	Upper	
128	100		
130	31.5	14.0	54.0
64	38.2	37.7	77.7





#9

Benzaldehyde

Concen: 9.385 ng

RT: 7.87 min Scan# 780

Delta R.T. 0.00 min

Lab File: BG032009.D

Acq: 12 Jan 2018 19:23

Instrument :

BNA_G

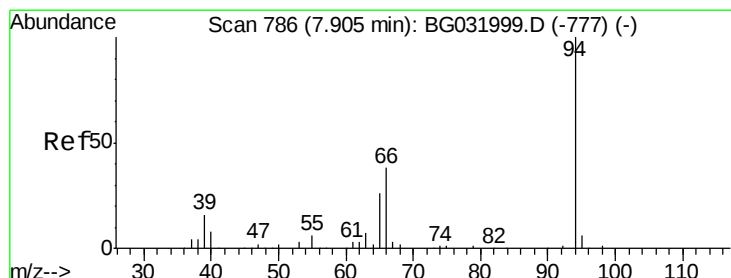
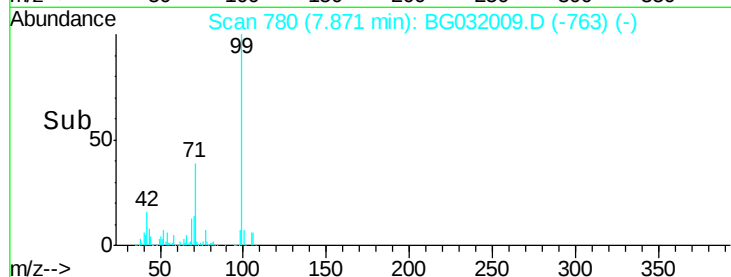
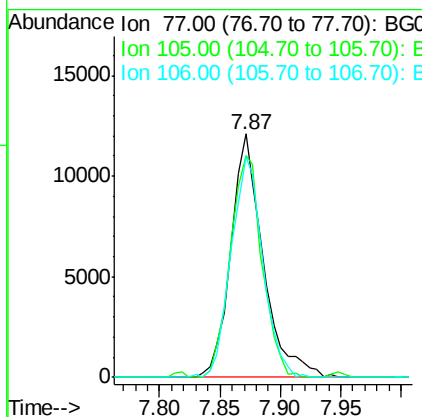
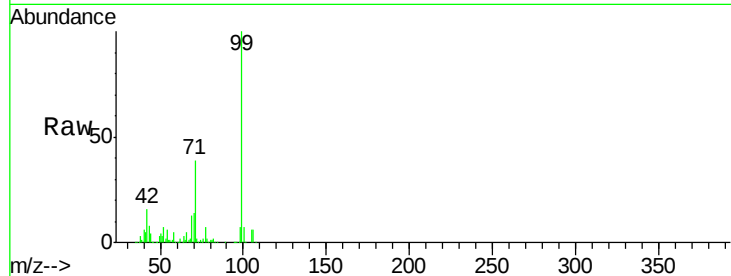
ClientSampleId :

BU-02-011118MS

Tgt Ion:	77	Resp:	22525
Ion	Ratio	Lower	Upper
77	100		
105	91.0	71.3	111.3
106	90.5	64.2	104.2

Manual Integrations
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#10

Phenol

Concen: 42.203 ng

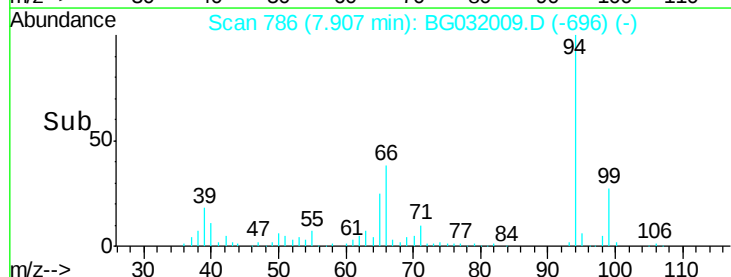
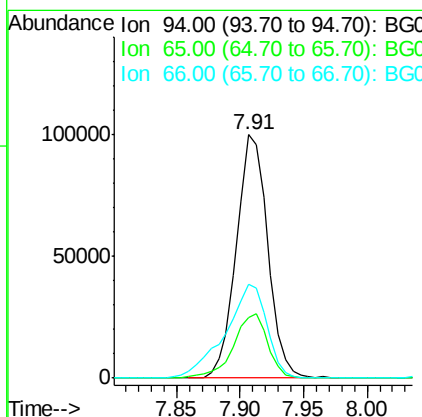
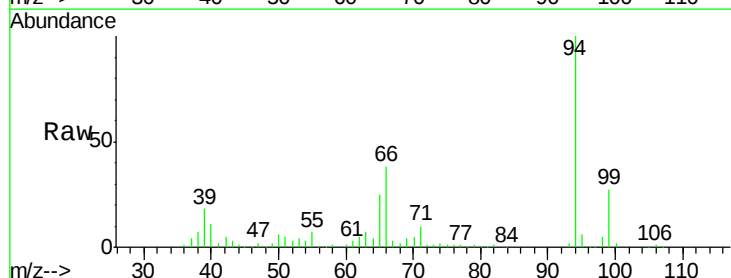
RT: 7.91 min Scan# 786

Delta R.T. 0.00 min

Lab File: BG032009.D

Acq: 12 Jan 2018 19:23

Tgt Ion:	94	Resp:	172218
Ion	Ratio	Lower	Upper
94	100		
65	24.8	11.9	51.9
66	38.3	22.2	62.2





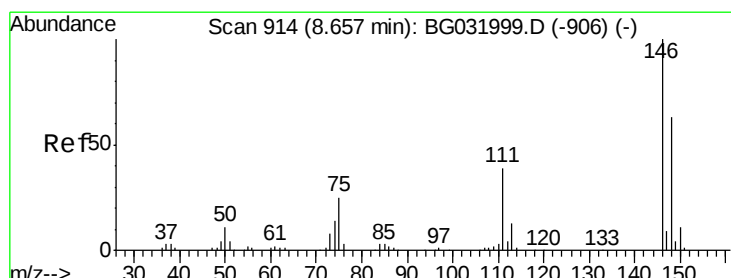
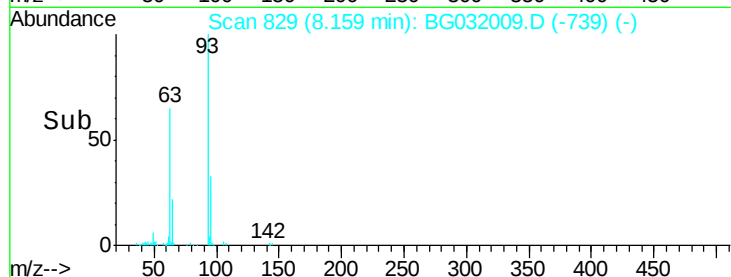
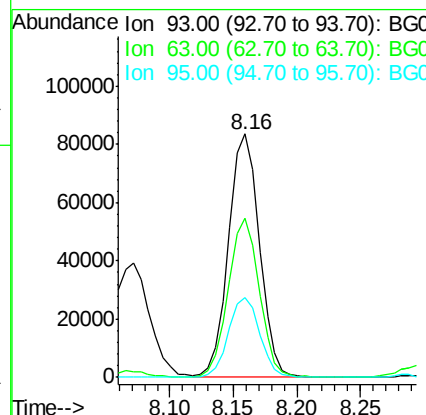
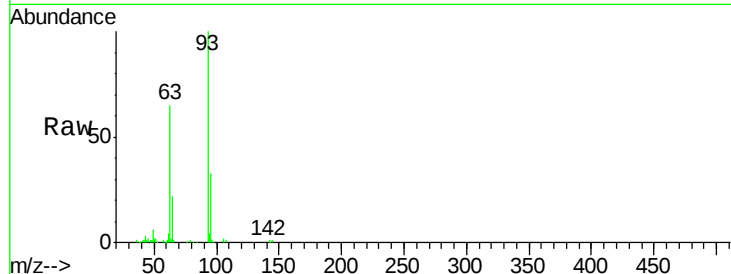
#11
bis(2-Chloroethyl)ether
Concen: 43.278 ng
RT: 8.16 min Scan# 829
Delta R.T. 0.00 min
Lab File: BG032009.D
Acq: 12 Jan 2018 19:23

Instrument :
BNA_G
ClientSampleId :
BU-02-011118MS

Tgt Ion	Ratio	Lower	Upper
93	100		
63	65.5	67.1	107.1#
95	32.9	11.5	51.5

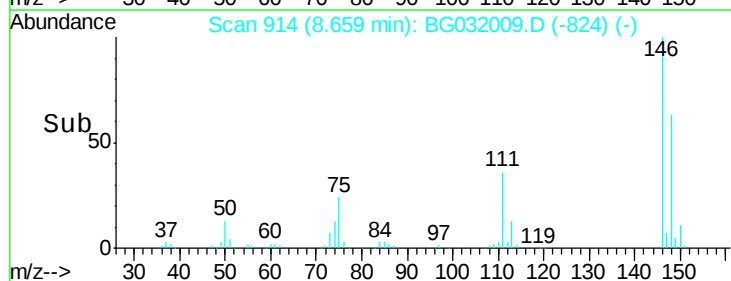
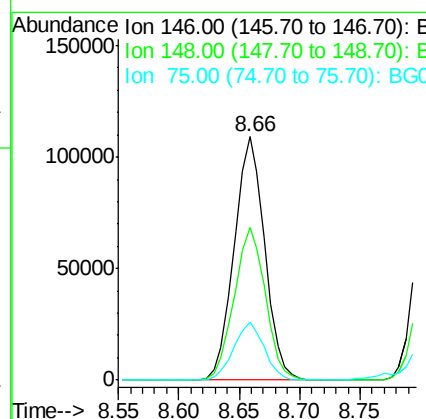
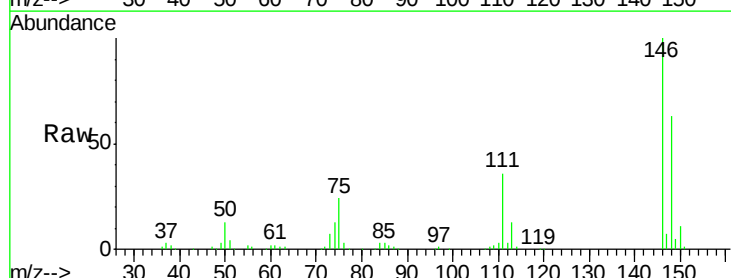
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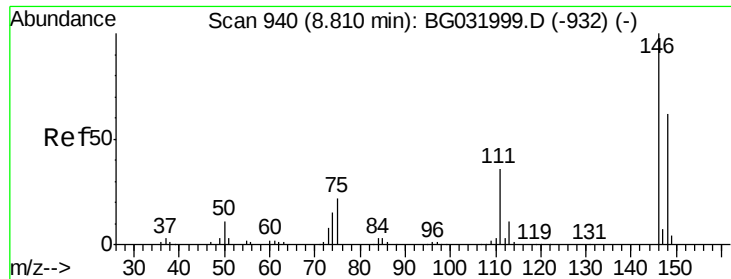
Sohil
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#12
1,3-Dichlorobenzene
Concen: 39.808 ng
RT: 8.66 min Scan# 914
Delta R.T. 0.00 min
Lab File: BG032009.D
Acq: 12 Jan 2018 19:23

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.0	51.4	77.2
75	23.6	26.6	39.8#





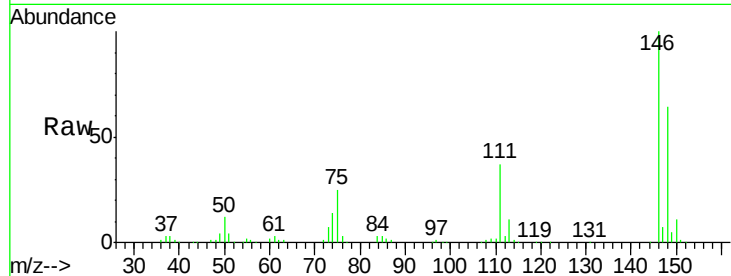
#13
 1,4-Dichlorobenzene
 Concen: 40.109 ng
 RT: 8.81 min Scan# 940
 Delta R.T. 0.00 min
 Lab File: BG032009.D
 Acq: 12 Jan 2018 19:23

Instrument :
 BNA_G
 ClientSampleId :
 BU-02-011118MS

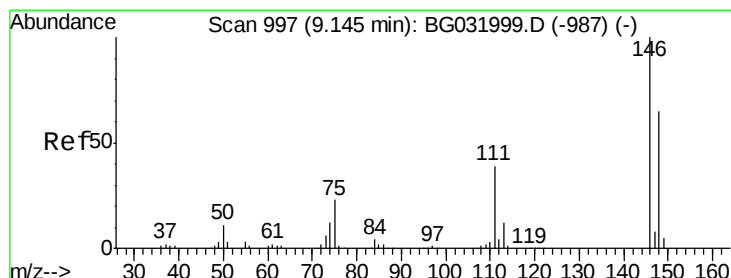
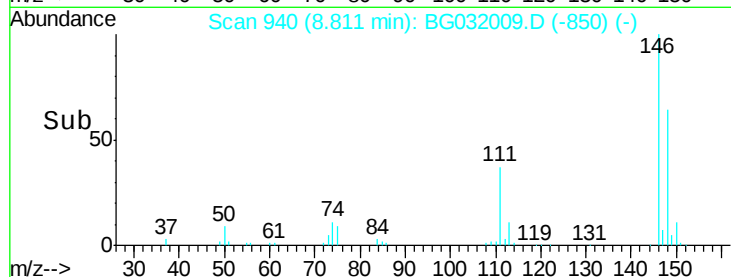
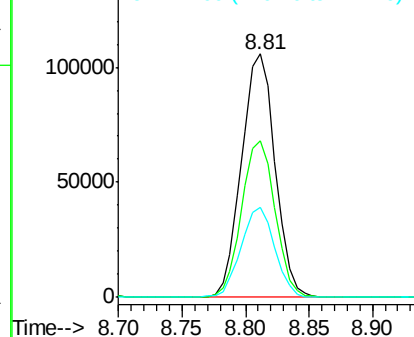
Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	53.7	80.5
111	37.2	35.2	52.8

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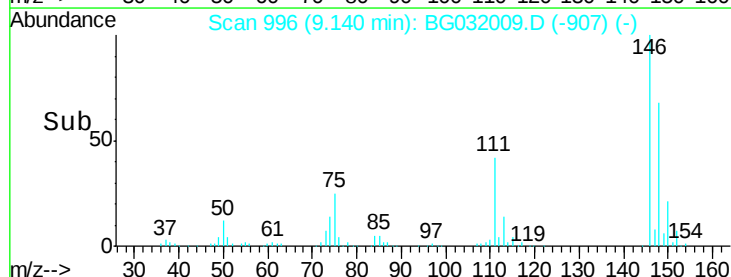
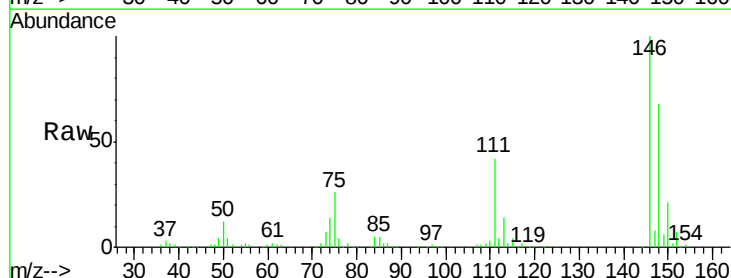
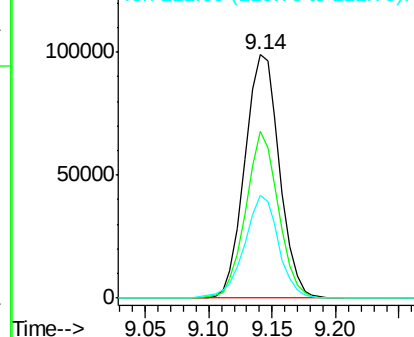
Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

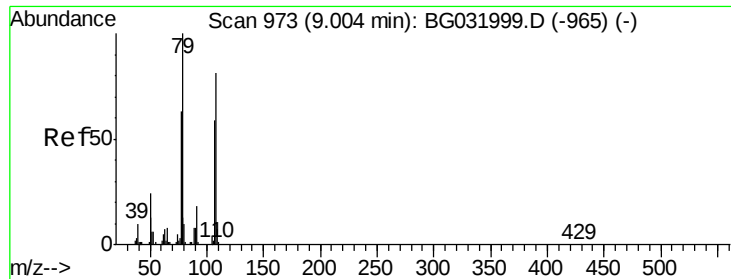


#14
 1,2-Dichlorobenzene
 Concen: 39.979 ng
 RT: 9.14 min Scan# 996
 Delta R.T. -0.00 min
 Lab File: BG032009.D
 Acq: 12 Jan 2018 19:23

Tgt Ion	Ratio	Lower	Upper
146	100		
148	68.3	49.3	73.9
111	42.1	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: 45.644 ng

RT: 9.01 min Scan# 973

Delta R.T. 0.00 min

Lab File: BG032009.D

Acq: 12 Jan 2018 19:23

Instrument :

BNA_G

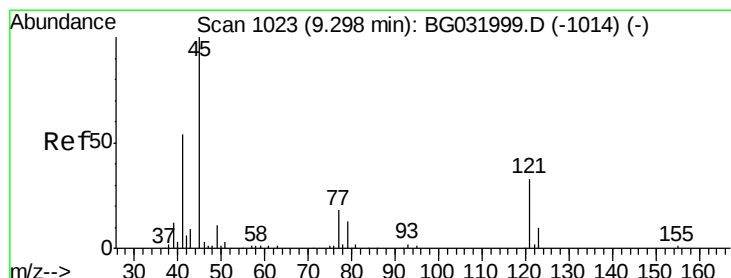
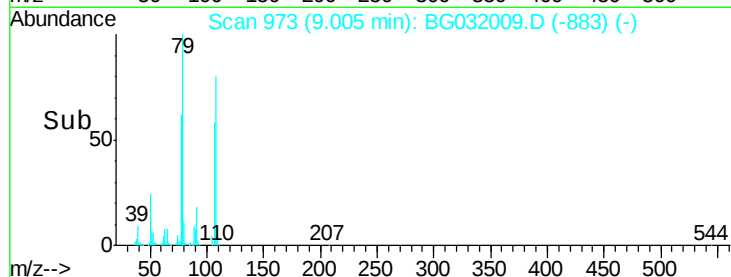
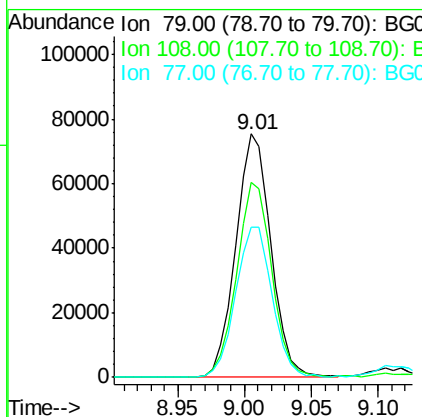
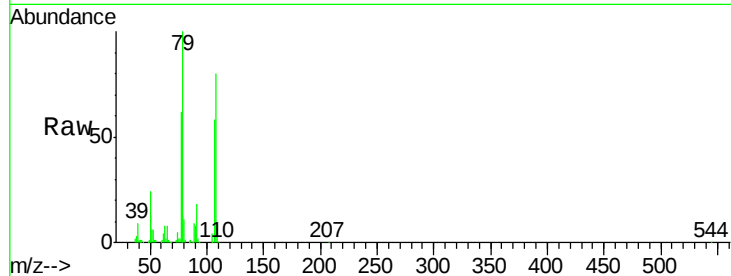
ClientSampleId :

BU-02-011118MS

Tgt Ion:	79	Resp:	137361
Ion Ratio	Lower	Upper	
79	100		
108	80.0	57.2	85.8
77	61.7	46.1	69.1

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.226 ng

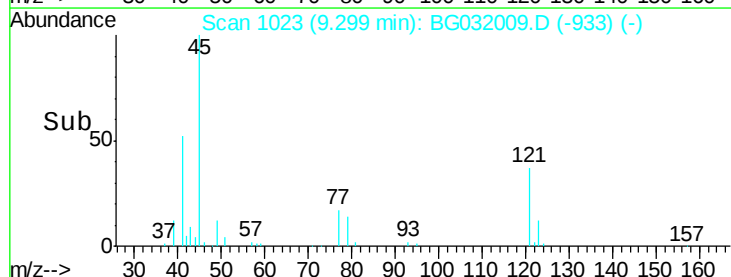
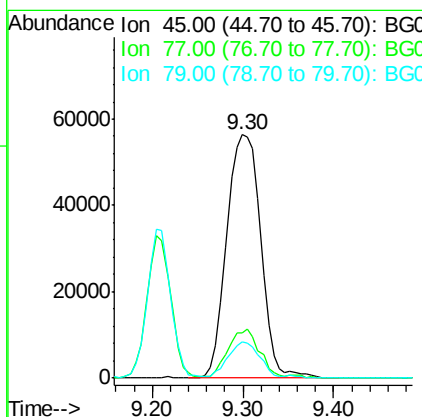
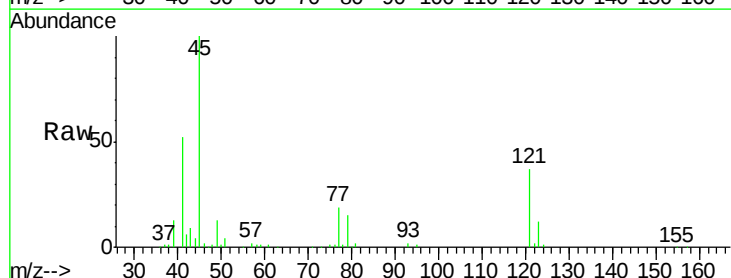
RT: 9.30 min Scan# 1023

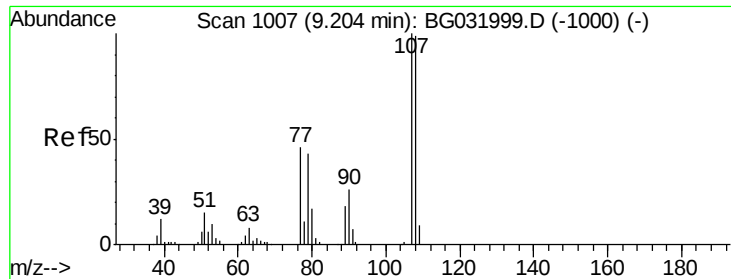
Delta R.T. 0.00 min

Lab File: BG032009.D

Acq: 12 Jan 2018 19:23

Tgt Ion:	45	Resp:	146939
Ion Ratio	Lower	Upper	
45	100		
77	18.5	0.0	30.2
79	14.7	0.0	27.9





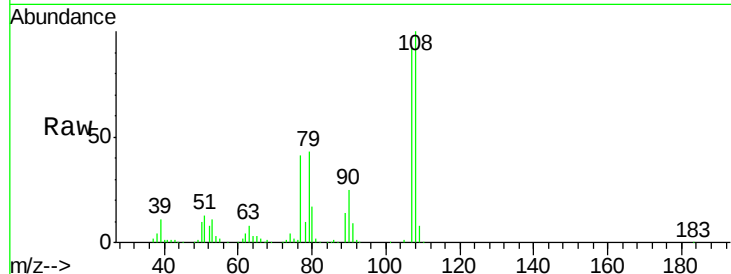
#17
2-Methylphenol
Concen: 43.699 ng
RT: 9.20 min Scan# 1007
Delta R.T. 0.00 min
Lab File: BG032009.D
Acq: 12 Jan 2018 19:23

Instrument :
BNA_G
ClientSampleId :
BU-02-011118MS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	136280		
108	108.6	83.9	125.9	
77	44.7	37.2	55.8	
79	46.9	36.2	54.2	

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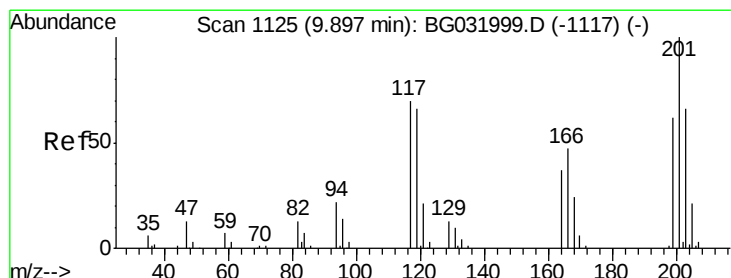
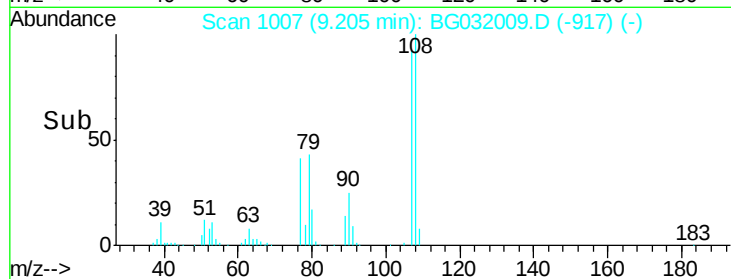
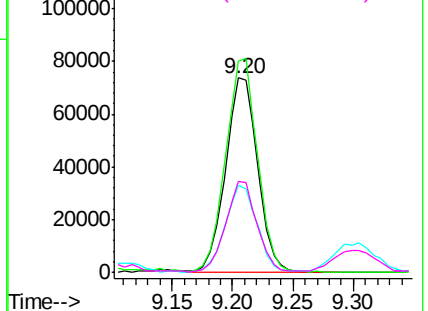
Abundance

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): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 41.275 ng
RT: 9.90 min Scan# 1125
Delta R.T. 0.00 min
Lab File: BG032009.D
Acq: 12 Jan 2018 19:23

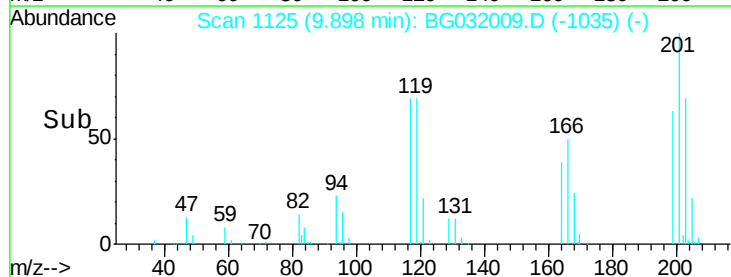
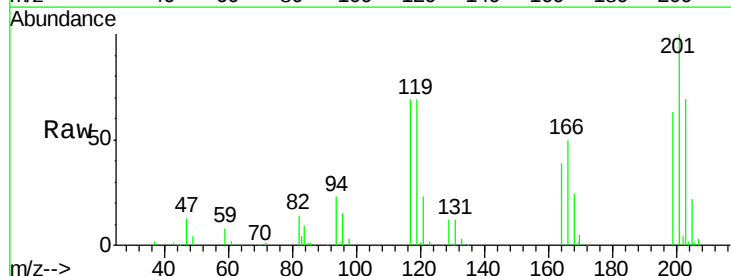
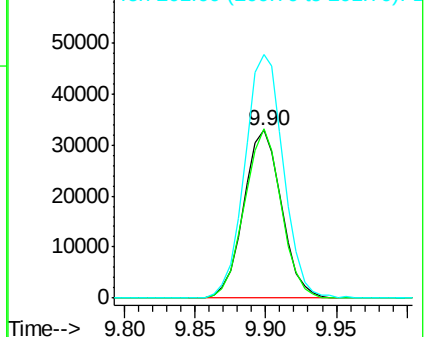
Tgt Ion	Ratio	Resp	Lower	Upper
117	100	61525		
119	100.6	76.7	115.1	
201	145.0	95.7	143.5	

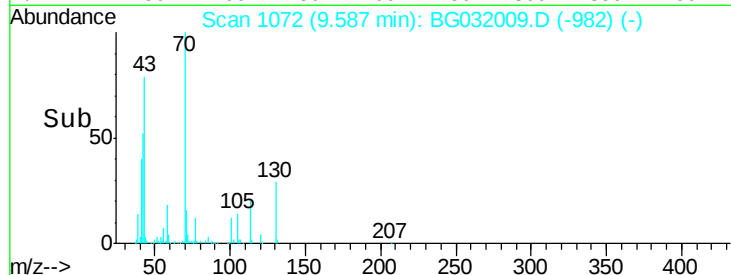
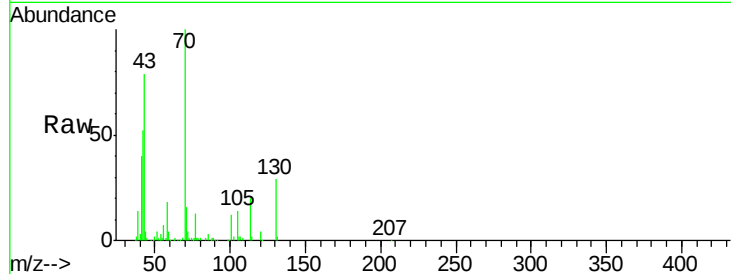
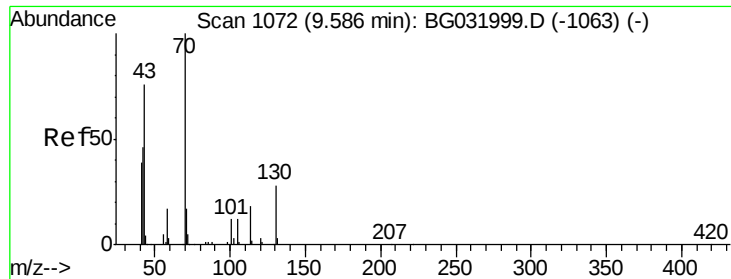
Abundance

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





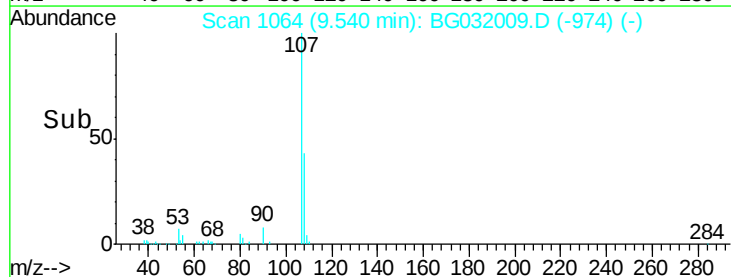
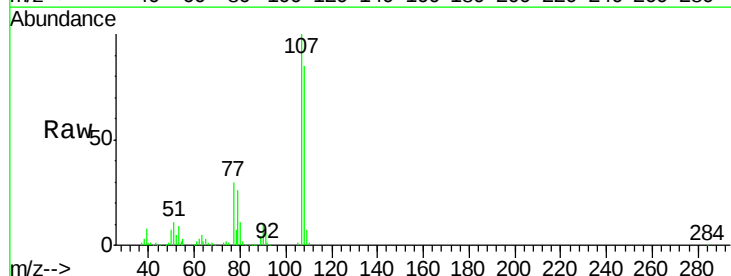
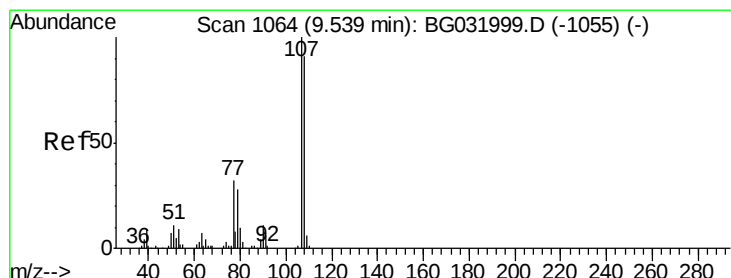
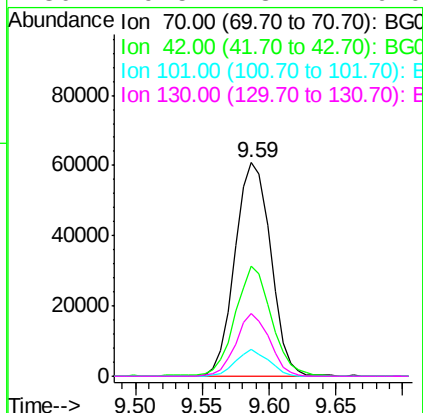
#19
n-Nitroso-di-n-propylamine
Concen: 43.999 ng
RT: 9.59 min Scan# 1072
Delta R.T. 0.00 min
Lab File: BG032009.D
Acq: 12 Jan 2018 19:23

Instrument :
BNA_G
ClientSampleId :
BU-02-011118MS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	51.8	49.1	73.7
101	12.3	8.5	12.7
130	29.5	13.4	20.0#

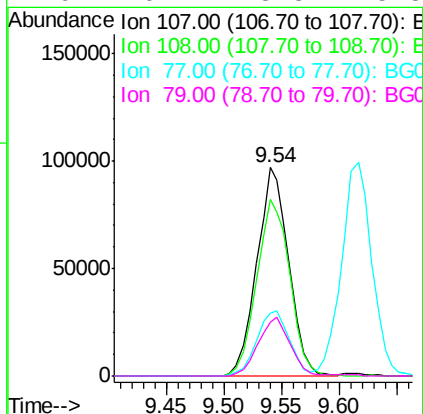
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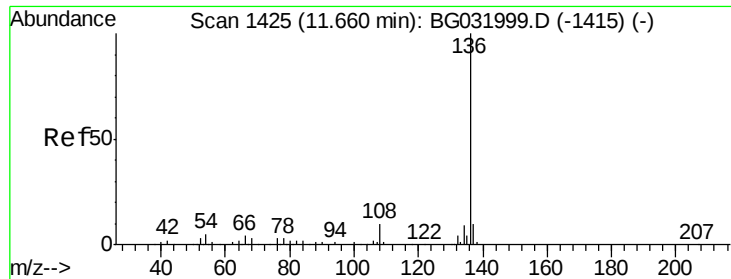
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#20
3+4-Methylphenols
Concen: 43.110 ng
RT: 9.54 min Scan# 1064
Delta R.T. 0.00 min
Lab File: BG032009.D
Acq: 12 Jan 2018 19:23

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.0	61.6	101.6
77	30.0	13.9	53.9
79	26.1	8.8	48.8





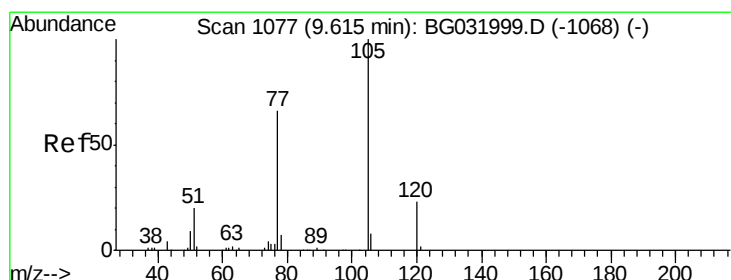
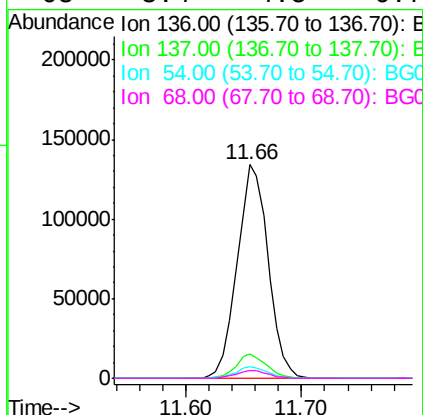
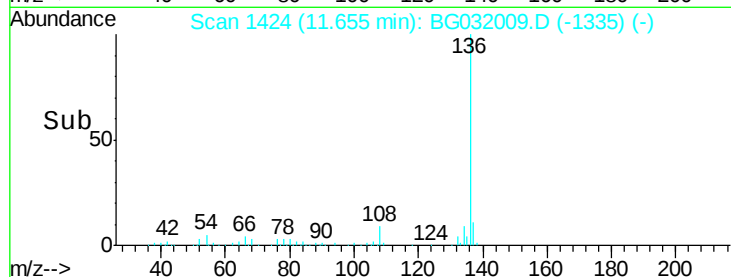
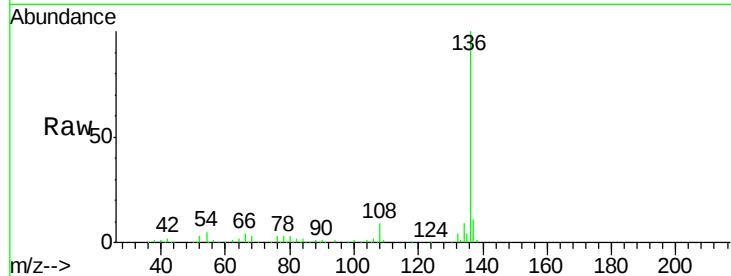
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.66 min Scan# 1424
Delta R.T. -0.00 min
Lab File: BG032009.D
Acq: 12 Jan 2018 19:23

Instrument :
BNA_G
ClientSampleId :
BU-02-011118MS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	248061		
137	11.2	9.2	13.8	
54	5.5	10.3	15.5#	
68	3.4	4.5	6.7#	

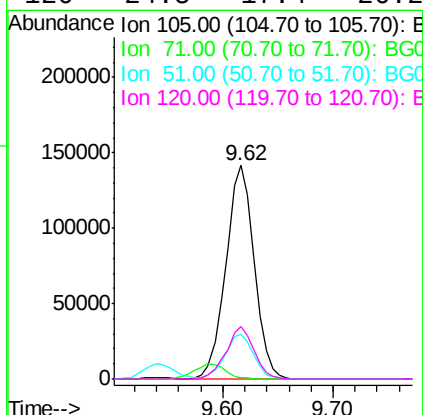
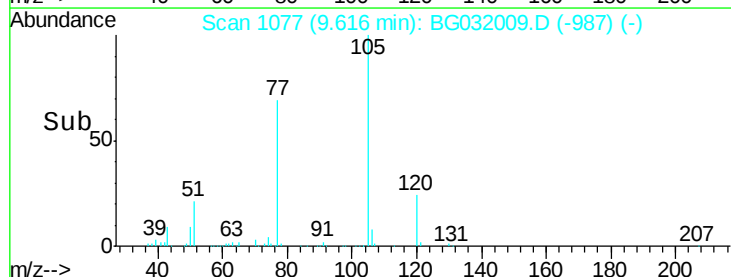
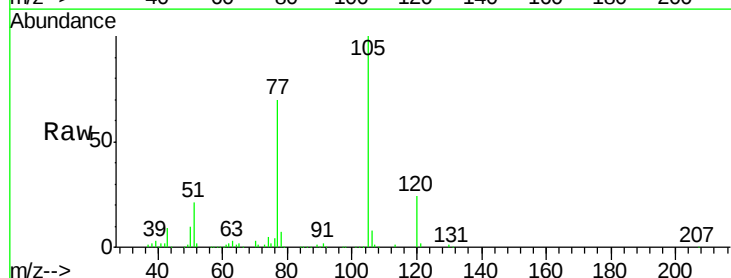
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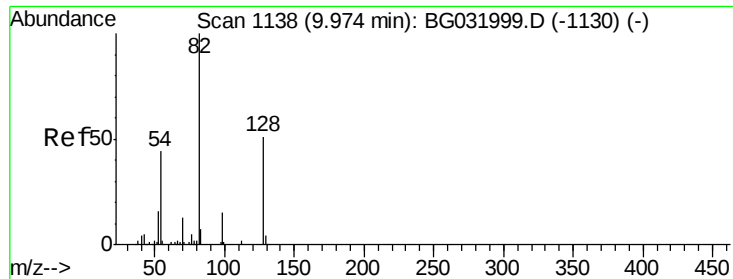
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#22
Acetophenone
Concen: 45.245 ng
RT: 9.62 min Scan# 1077
Delta R.T. 0.00 min
Lab File: BG032009.D
Acq: 12 Jan 2018 19:23

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	254944		
71	0.5	3.0	4.4#	
51	21.2	26.1	39.1#	
120	24.5	17.4	26.2	





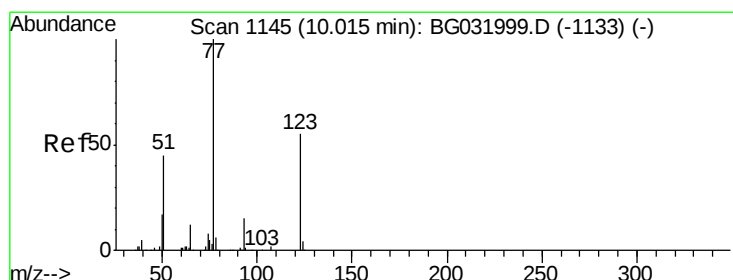
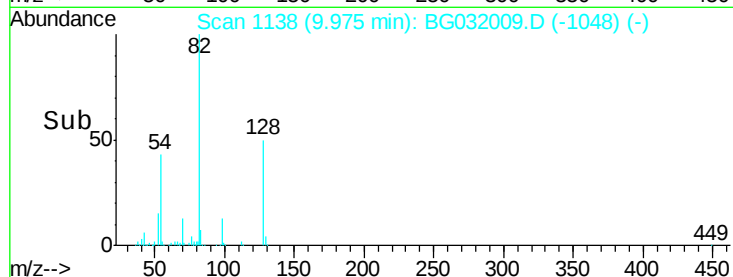
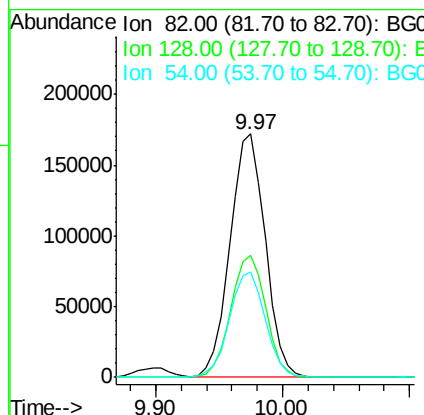
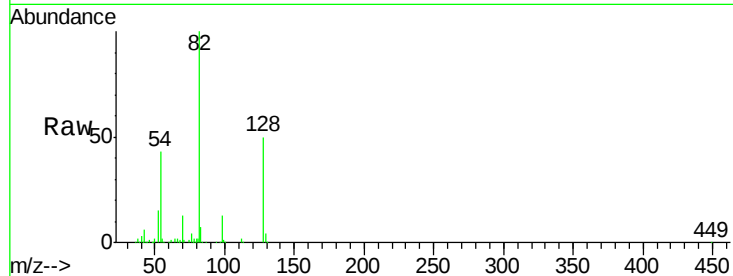
#23
 Nitrobenzene-d5
 Concen: 90.110 ng
 RT: 9.97 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: BG032009.D
 Acq: 12 Jan 2018 19:23

Instrument :
 BNA_G
 ClientSampleId :
 BU-02-011118MS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	50.4	29.7	44.5#	
54	43.1	43.1	64.7#	

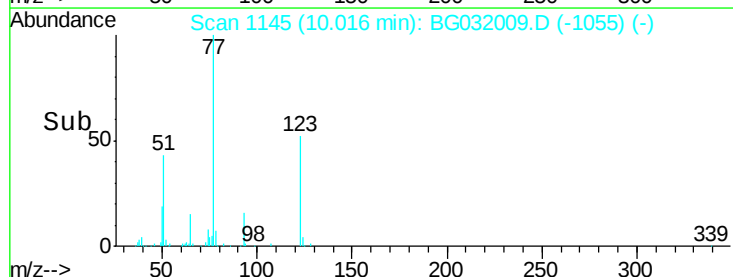
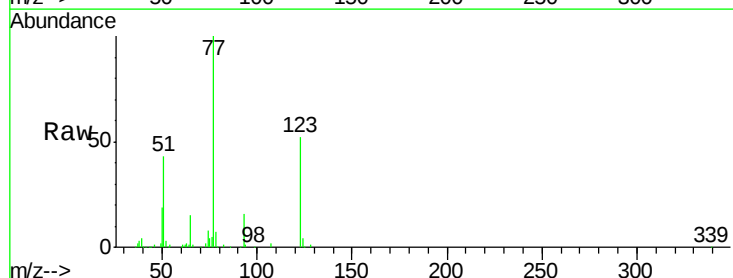
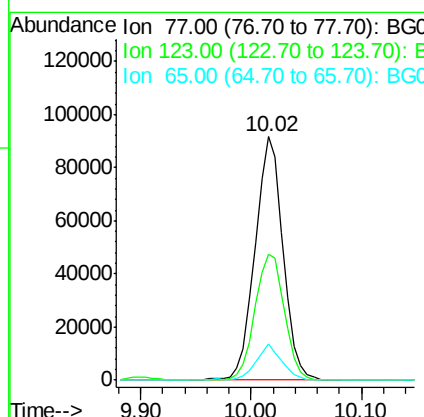
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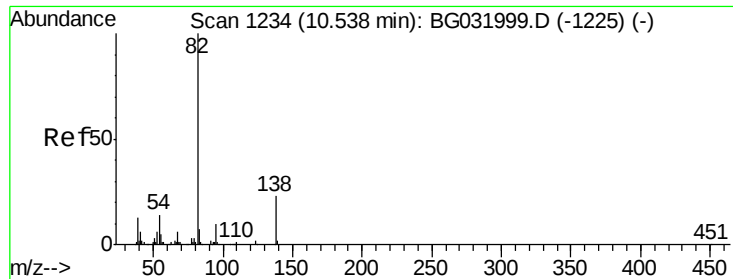
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#24
 Nitrobenzene
 Concen: 44.595 ng
 RT: 10.02 min Scan# 1145
 Delta R.T. 0.00 min
 Lab File: BG032009.D
 Acq: 12 Jan 2018 19:23

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	51.6	33.0	49.6#	
65	15.1	13.0	19.6	





#25

Isophorone

Concen: 46.689 ng

RT: 10.54 min Scan# 1234

Delta R.T. 0.00 min

Lab File: BG032009.D

Acq: 12 Jan 2018 19:23

Instrument :

BNA_G

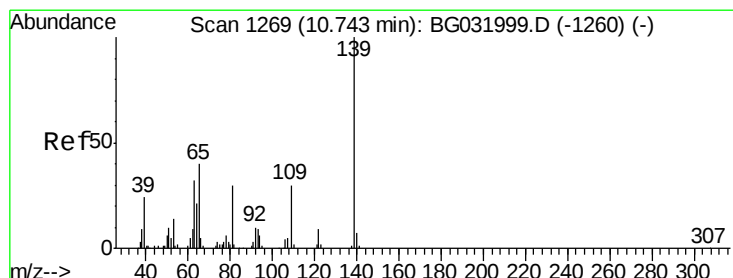
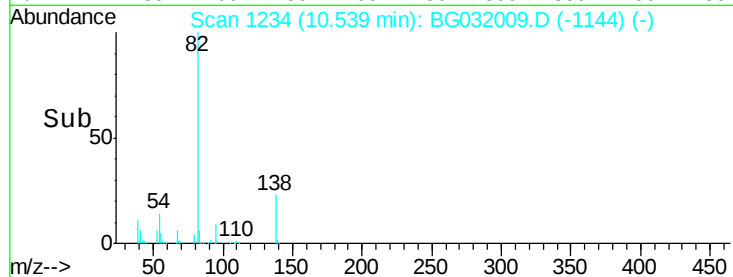
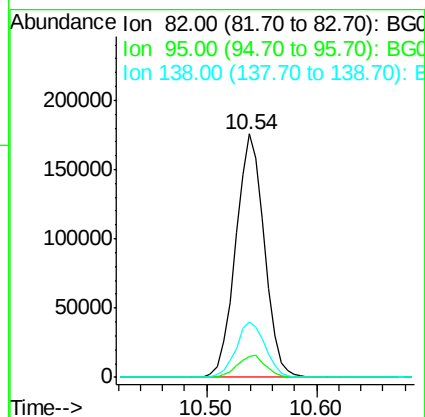
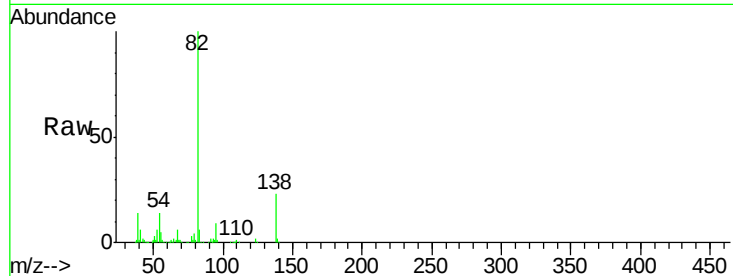
ClientSampleId :

BU-02-011118MS

Tgt Ion:	82	Resp:	318760
Ion Ratio	Lower	Upper	
82	100		
95	8.8	6.2	9.2
138	22.7	12.1	18.1#

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#26

2-Nitrophenol

Concen: 47.566 ng

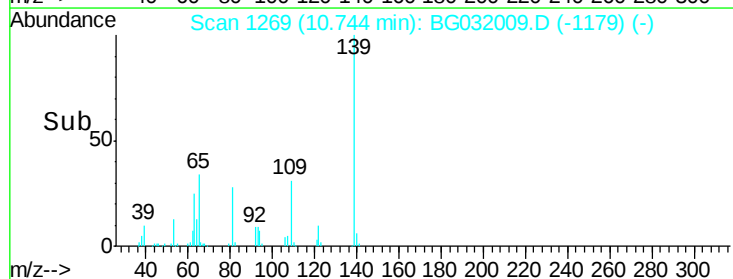
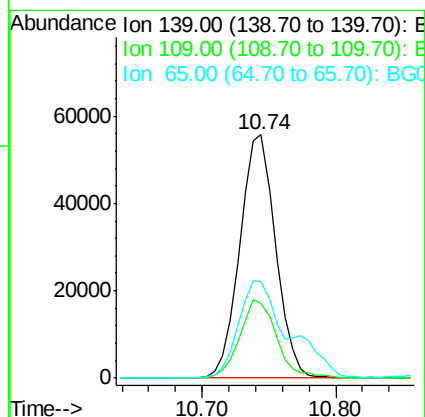
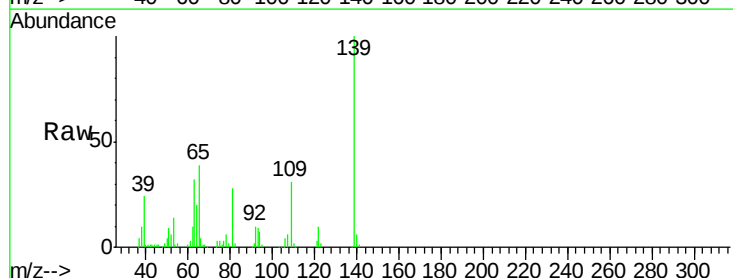
RT: 10.74 min Scan# 1269

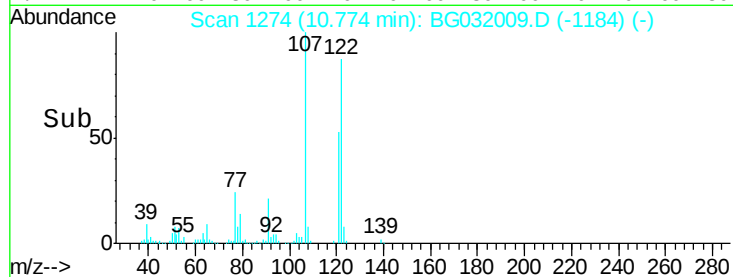
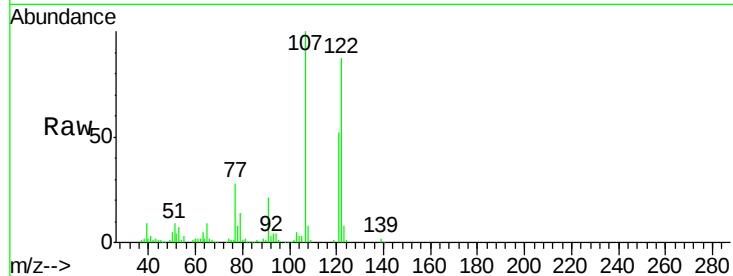
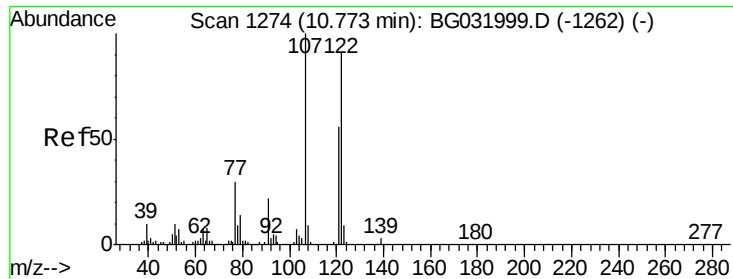
Delta R.T. 0.00 min

Lab File: BG032009.D

Acq: 12 Jan 2018 19:23

Tgt Ion:	139	Resp:	103080
Ion Ratio	Lower	Upper	
139	100		
109	30.7	24.2	36.2
65	39.4	47.4	71.0#





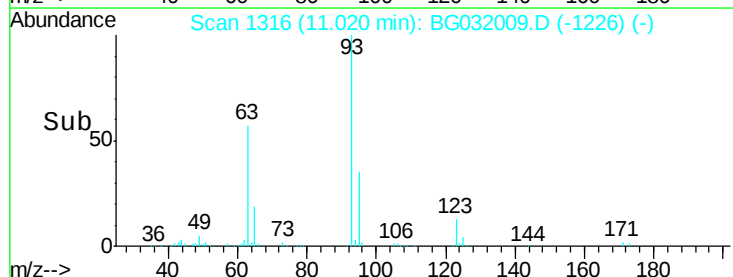
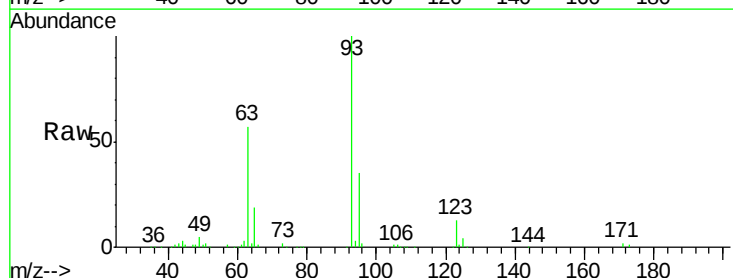
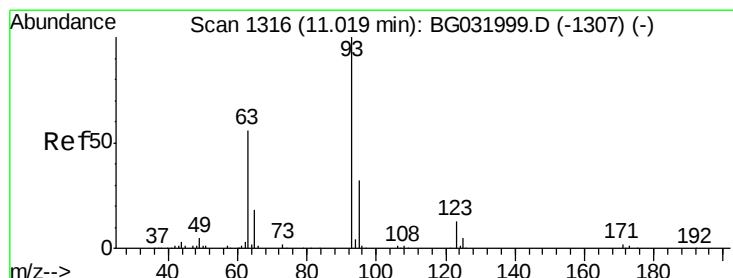
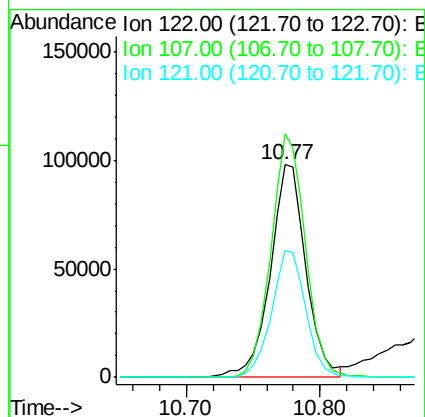
#27
2,4-Dimethylphenol
Concen: 52.986 ng
RT: 10.77 min Scan# 1274
Delta R.T. 0.00 min
Lab File: BG032009.D
Acq: 12 Jan 2018 19:23

Instrument :
BNA_G
ClientSampleId :
BU-02-011118MS

Tgt Ion	Ratio	Lower	Upper
122	100		
107	114.7	100.2	150.2
121	60.1	44.4	66.6

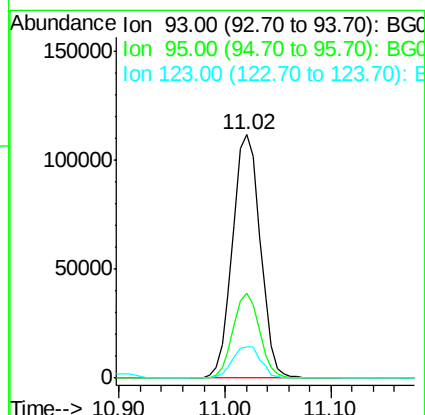
Manual Integrations
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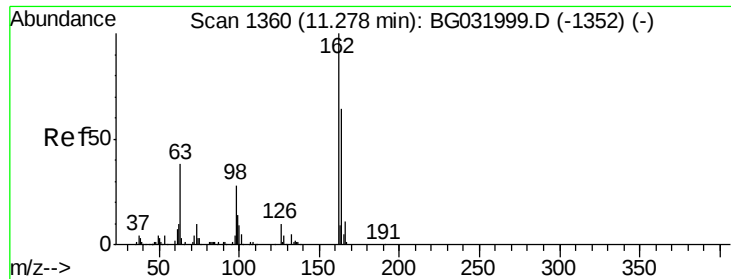
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 49.199 ng
RT: 11.02 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BG032009.D
Acq: 12 Jan 2018 19:23

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.9	24.3	36.5
123	12.8	8.4	12.6





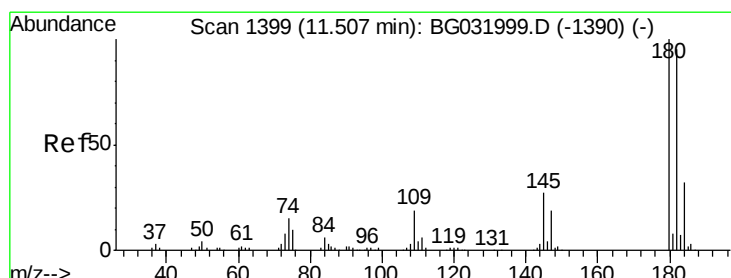
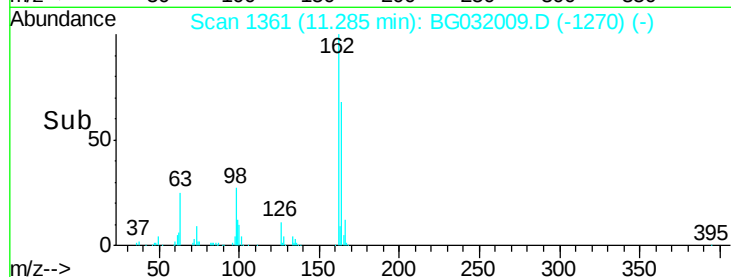
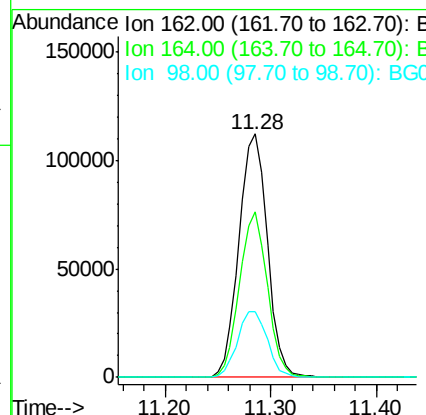
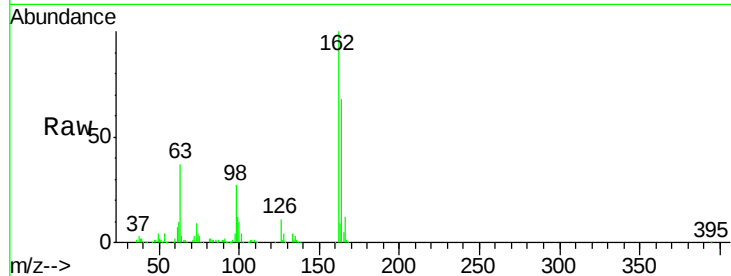
#29
2,4-Dichlorophenol
Concen: 49.525 ng
RT: 11.28 min Scan# 1361
Delta R.T. 0.01 min
Lab File: BG032009.D
Acq: 12 Jan 2018 19:23

Instrument :
BNA_G
ClientSampleId :
BU-02-011118MS

Tgt Ion	Ratio	Resp Lower	Upper
162	100		
164	68.2	48.0	88.0
98	27.0	21.1	61.1

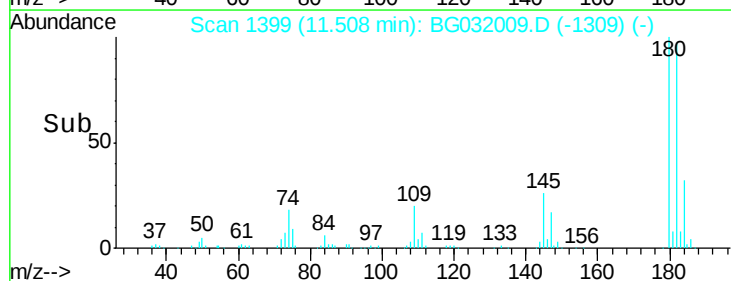
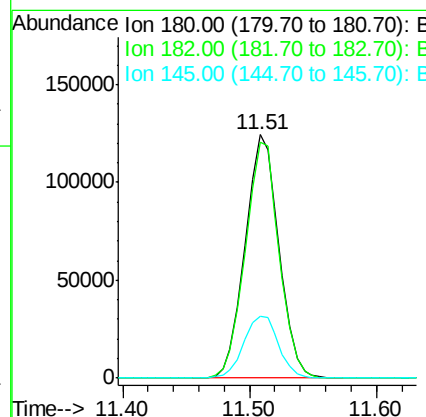
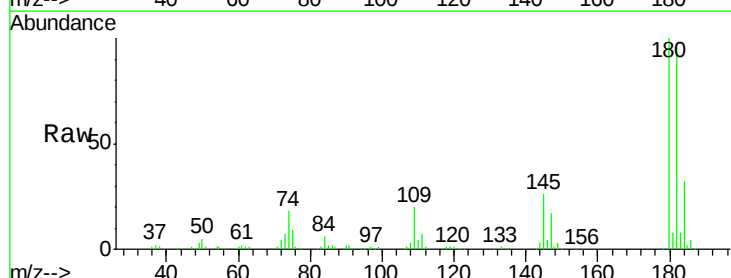
Manual Integrations
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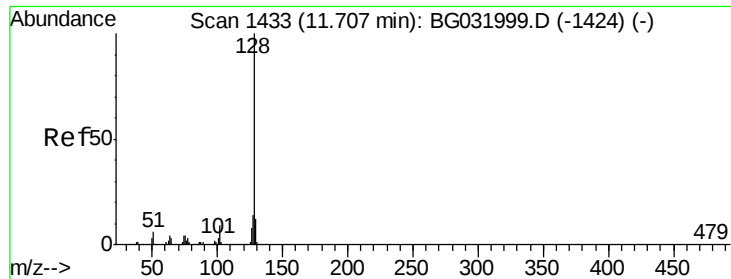
Sohil
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#30
1,2,4-Trichlorobenzene
Concen: 41.950 ng
RT: 11.51 min Scan# 1399
Delta R.T. 0.00 min
Lab File: BG032009.D
Acq: 12 Jan 2018 19:23

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	97.1	77.5	116.3
145	25.7	23.4	35.2





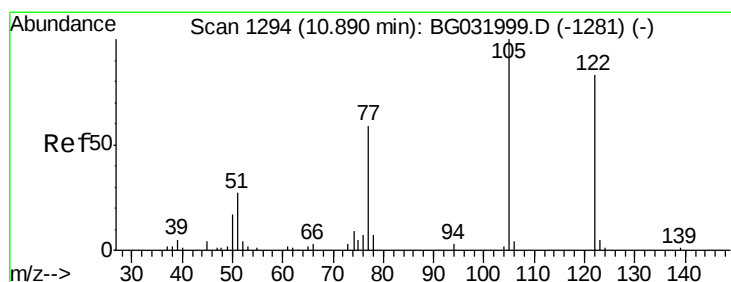
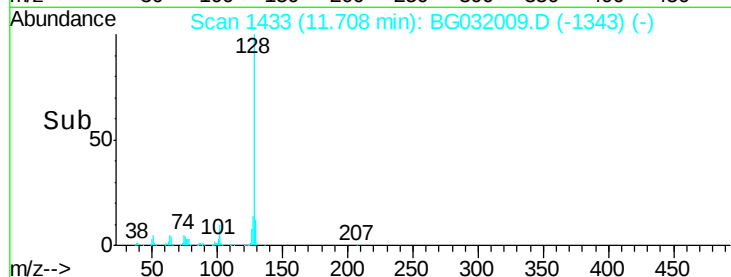
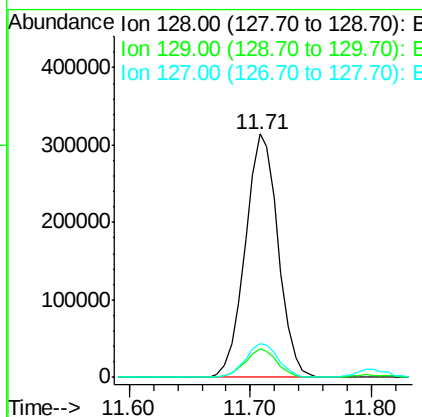
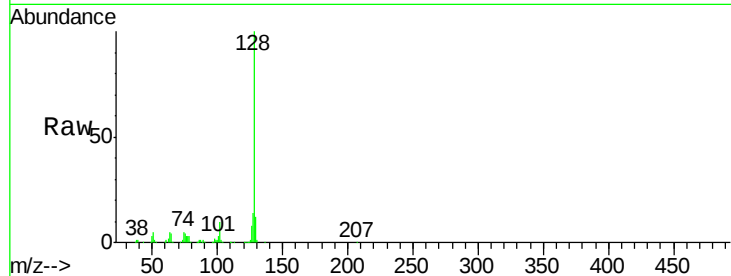
#31
Naphthalene
Concen: 48.302 ng
RT: 11.71 min Scan# 1433
Delta R.T. 0.00 min
Lab File: BG032009.D
Acq: 12 Jan 2018 19:23

Instrument :
BNA_G
ClientSampleId :
BU-02-011118MS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	593550		
129	11.6	8.6	12.8	
127	13.9	11.6	17.4	

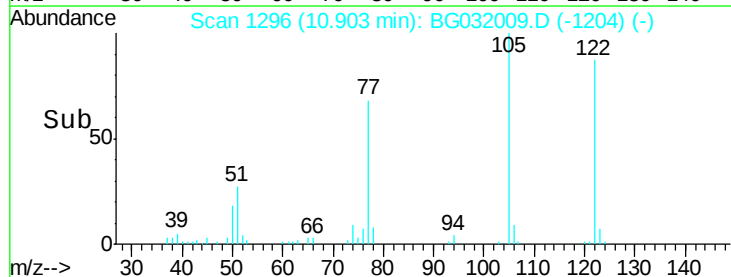
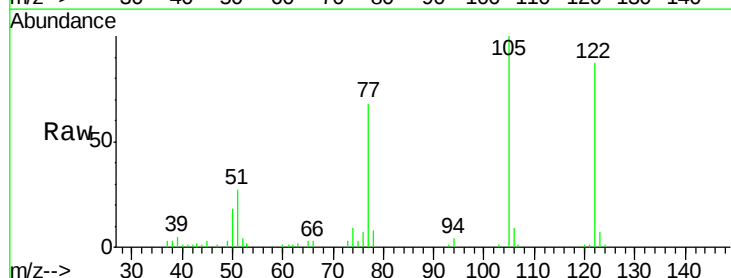
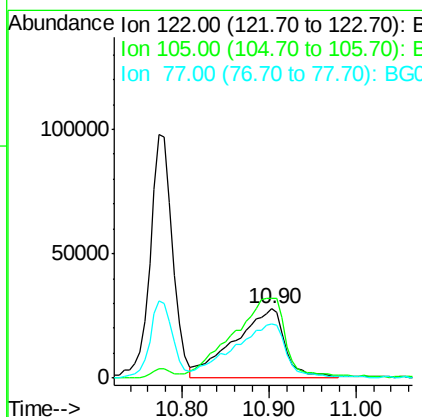
Manual Integrations
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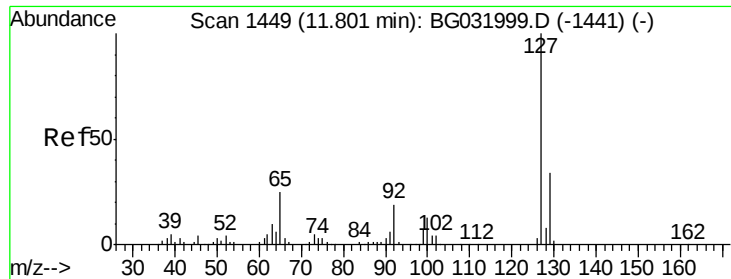
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#32
Benzoic acid
Concen: 40.768 ng m
RT: 10.90 min Scan# 1296
Delta R.T. 0.01 min
Lab File: BG032009.D
Acq: 12 Jan 2018 19:23

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	110013		
105	115.5	123.5	163.5#	
77	78.8	85.7	125.7#	





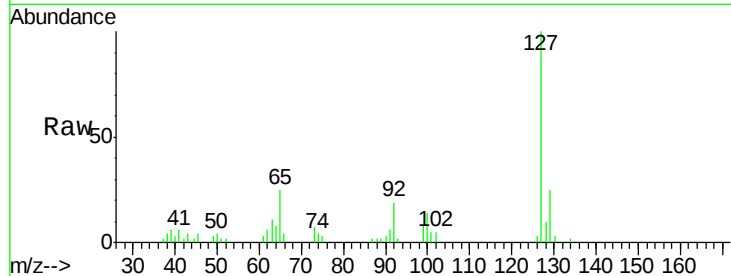
#33
4-Chloroaniline
Concen: 3.959 ng
RT: 11.80 min Scan# 1449
Delta R.T. 0.00 min
Lab File: BG032009.D
Acq: 12 Jan 2018 19:23

Instrument :
BNA_G
ClientSampleId :
BU-02-011118MS

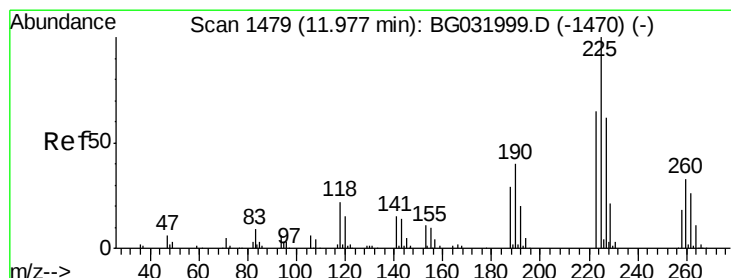
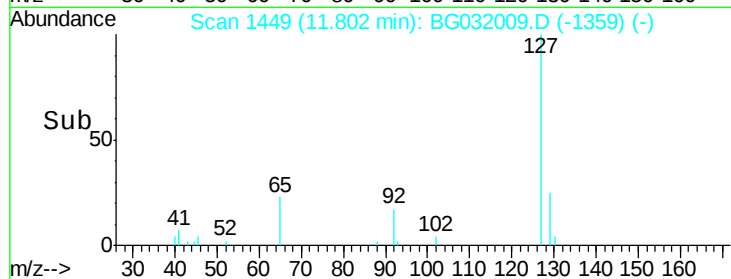
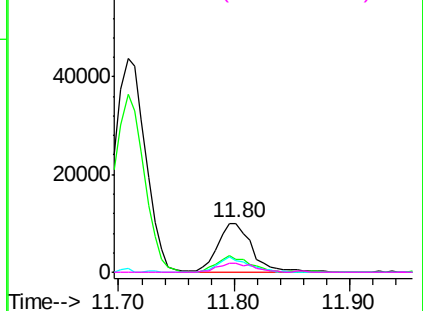
Tgt Ion	Ratio	Lower	Upper
127	100		
129	25.3	24.0	36.0
65	24.6	27.0	40.4
92	18.5	16.6	25.0

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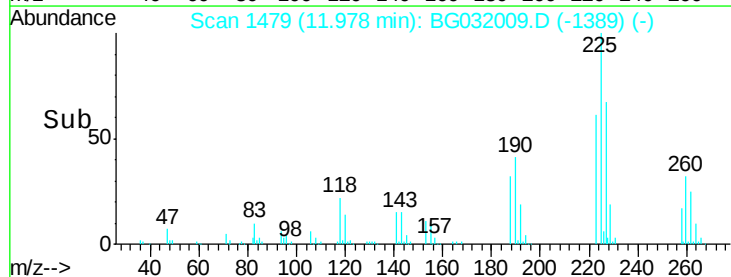
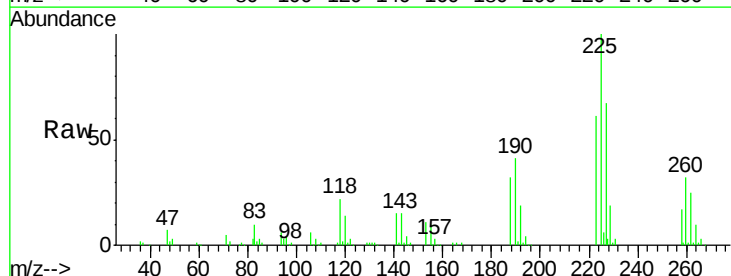
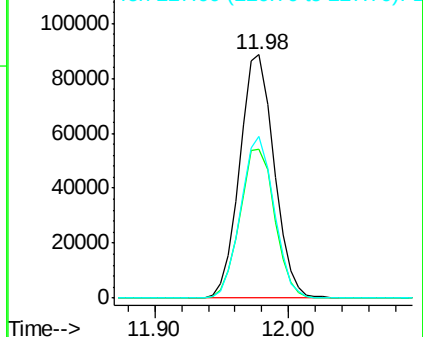
Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

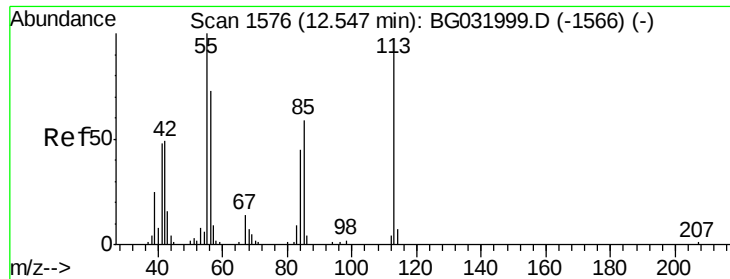


#34
Hexachlorobutadiene
Concen: 40.235 ng
RT: 11.98 min Scan# 1479
Delta R.T. 0.00 min
Lab File: BG032009.D
Acq: 12 Jan 2018 19:23

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.0	49.7	74.5
227	66.6	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: 38.006 ng

RT: 12.55 min Scan# 1576

Delta R.T. 0.00 min

Lab File: BG032009.D

Acq: 12 Jan 2018 19:23

Instrument :

BNA_G

ClientSampleId :

BU-02-011118MS

Tgt Ion:113 Resp: 48790

Ion Ratio Lower Upper

113 100

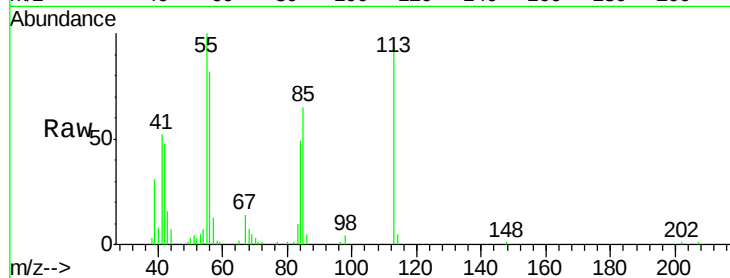
55 105.9 186.9 226.9#

56 87.0 130.9 170.9#

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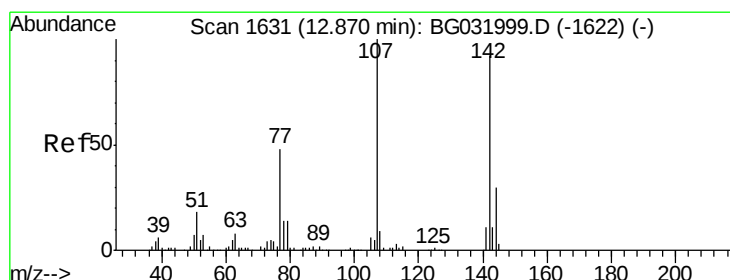
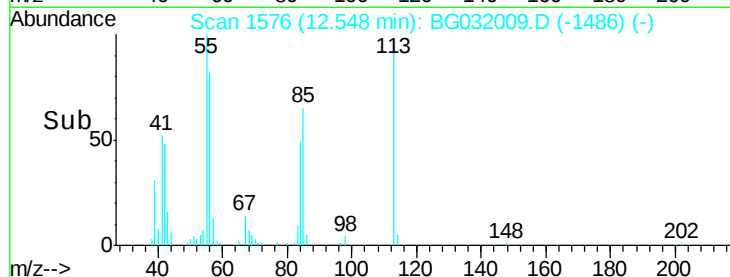
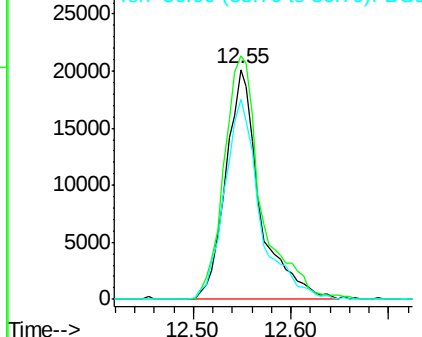
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 49.286 ng

RT: 12.87 min Scan# 1631

Delta R.T. 0.00 min

Lab File: BG032009.D

Acq: 12 Jan 2018 19:23

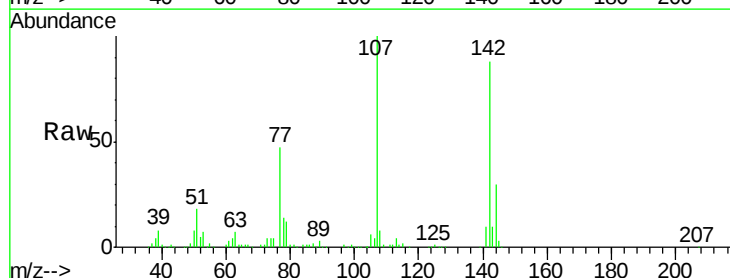
Tgt Ion:107 Resp: 190896

Ion Ratio Lower Upper

107 100

144 30.0 18.2 27.4#

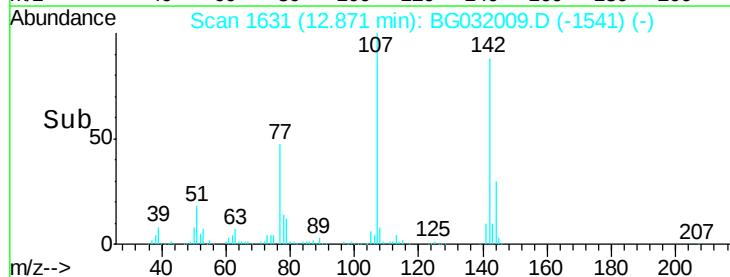
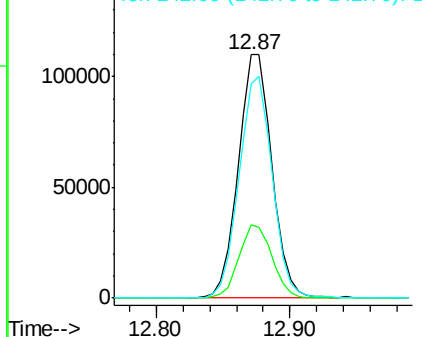
142 87.7 59.0 88.4

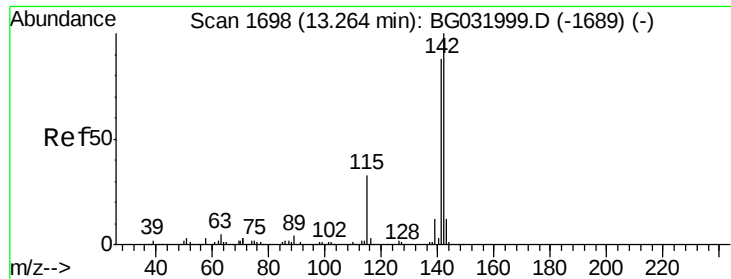


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





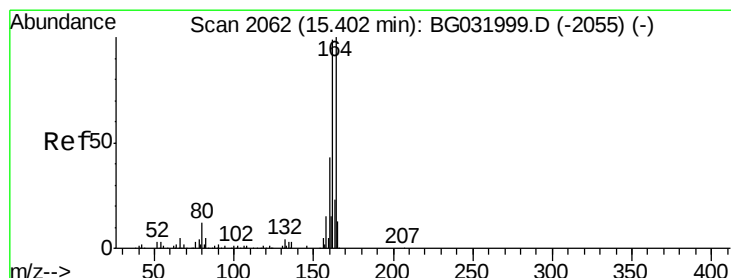
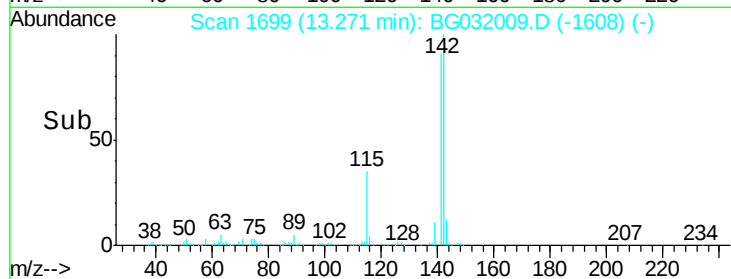
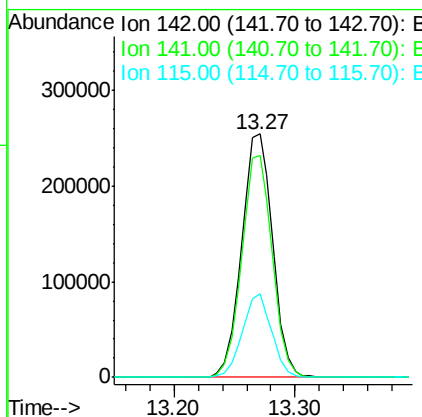
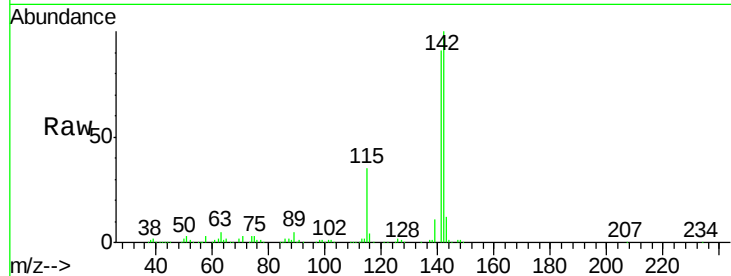
#37
 2-Methylnaphthalene
 Concen: 46.519 ng
 RT: 13.27 min Scan# 1699
 Delta R.T. 0.01 min
 Lab File: BG032009.D
 Acq: 12 Jan 2018 19:23

Instrument :
 BNA_G
 ClientSampleId :
 BU-02-011118MS

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	453841		
141	91.1	67.1	100.7	
115	34.5	30.7	46.1	

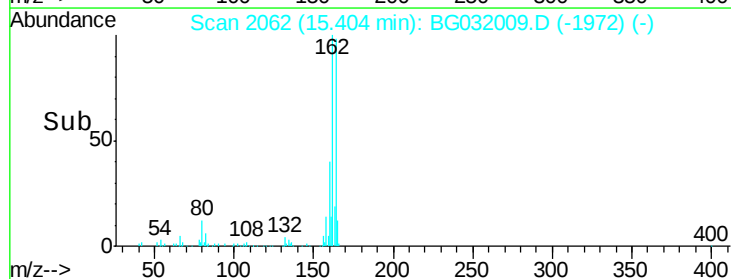
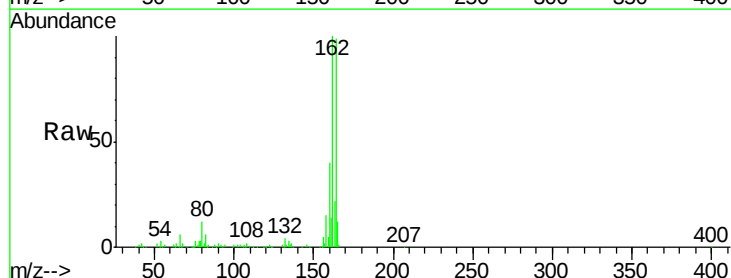
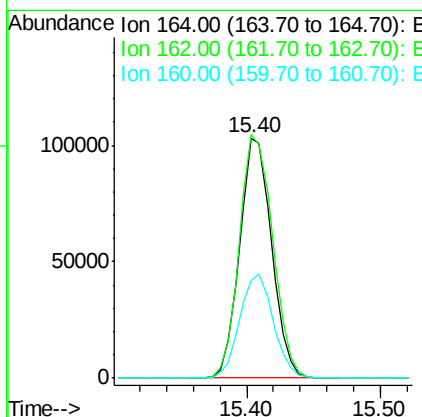
Manual Integrations
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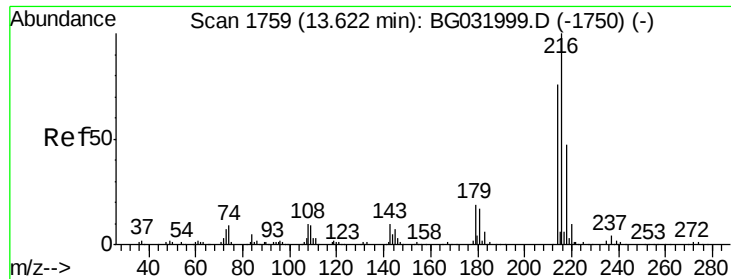
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.40 min Scan# 2062
 Delta R.T. 0.00 min
 Lab File: BG032009.D
 Acq: 12 Jan 2018 19:23

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	170502		
162	101.5	78.8	118.2	
160	40.9	35.4	53.0	





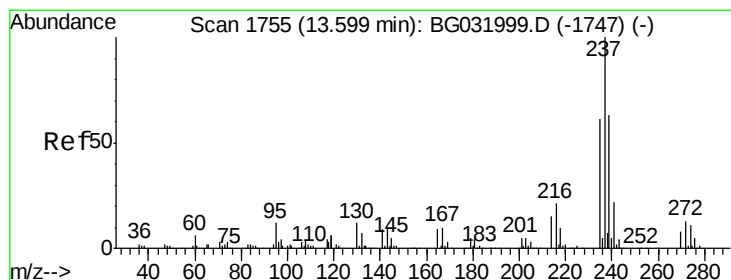
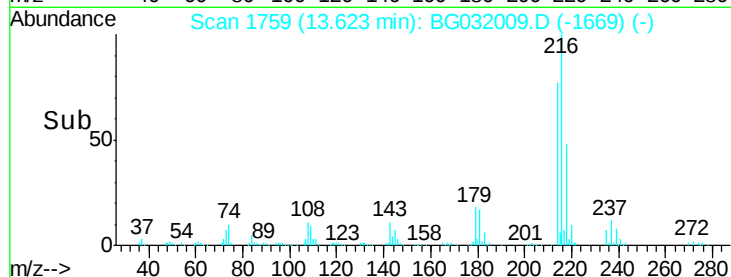
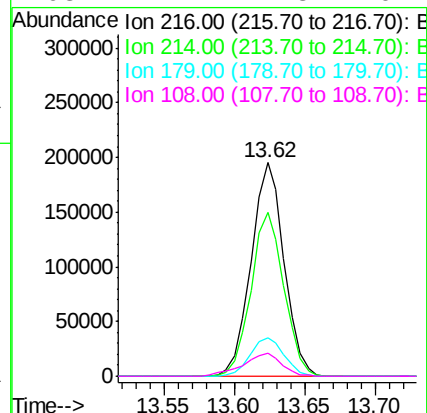
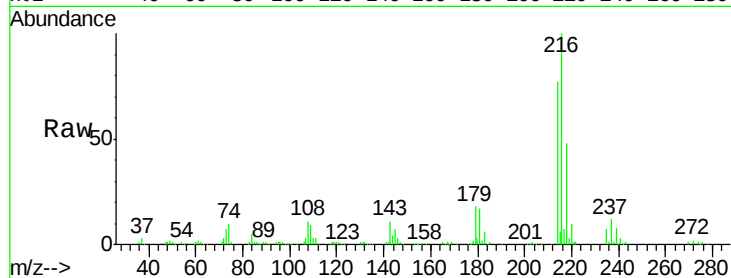
#39
1,2,4,5-Tetrachlorobenzene
Concen: 42.939 ng
RT: 13.62 min Scan# 1759
Delta R.T. 0.00 min
Lab File: BG032009.D
Acq: 12 Jan 2018 19:23

Instrument :
BNA_G
ClientSampleId :
BU-02-011118MS

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	319133		
214	76.7	63.0	94.4	
179	18.6	17.0	25.6	
108	12.7	12.8	19.2	

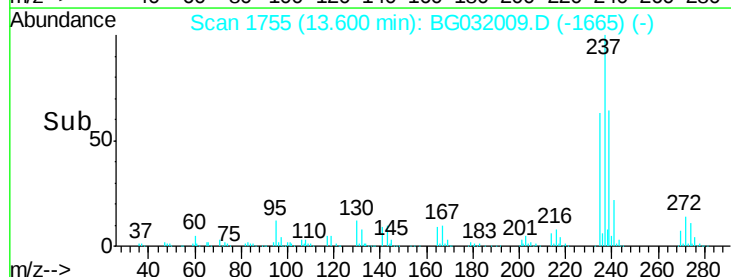
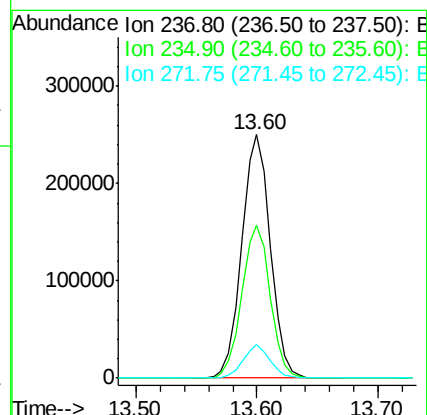
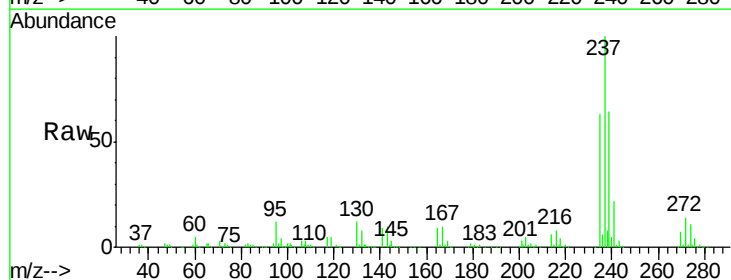
Manual Integrations
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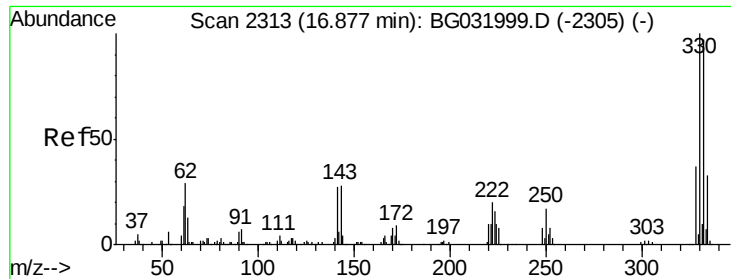
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#40
Hexachlorocyclopentadiene
Concen: 98.313 ng
RT: 13.60 min Scan# 1755
Delta R.T. 0.00 min
Lab File: BG032009.D
Acq: 12 Jan 2018 19:23

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	411543		
235	62.9	50.4	90.4	
272	13.7	0.0	31.8	





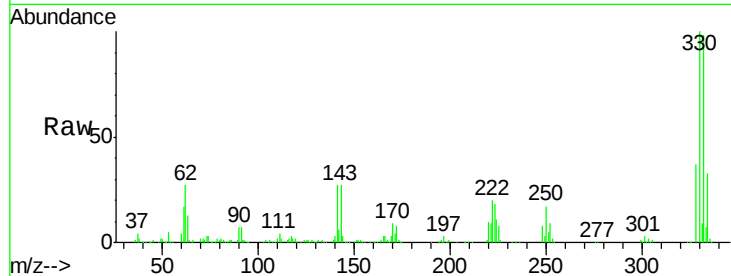
#41
 2,4,6-Tribromophenol
 Concen: 135.809 ng
 RT: 16.88 min Scan# 2314
 Delta R.T. 0.01 min
 Lab File: BG032009.D
 Acq: 12 Jan 2018 19:23

Instrument :
 BNA_G
 ClientSampleId :
 BU-02-011118MS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	383174		
332	97.1	77.0	115.6	
141	27.8	25.2	37.8	

Manual Integrations
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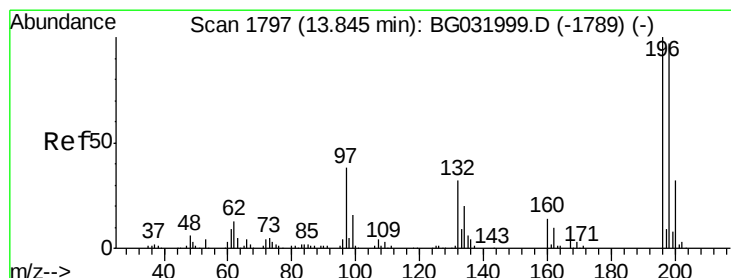
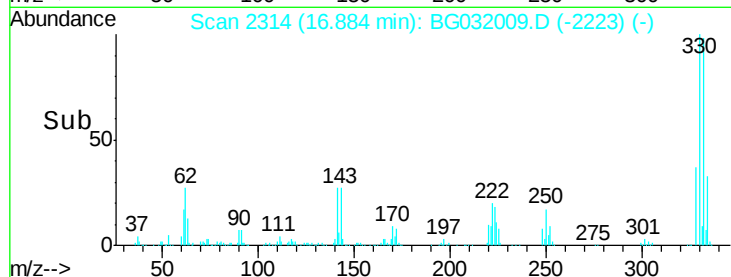
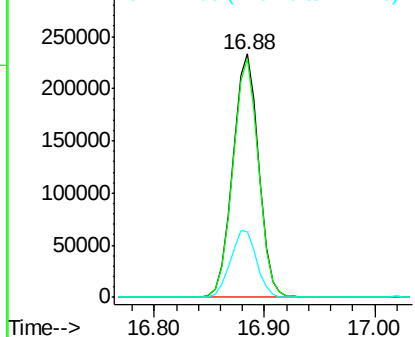


Abundance

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: 47.797 ng
 RT: 13.85 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: BG032009.D
 Acq: 12 Jan 2018 19:23

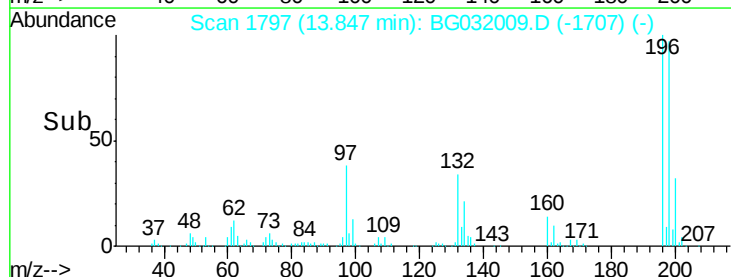
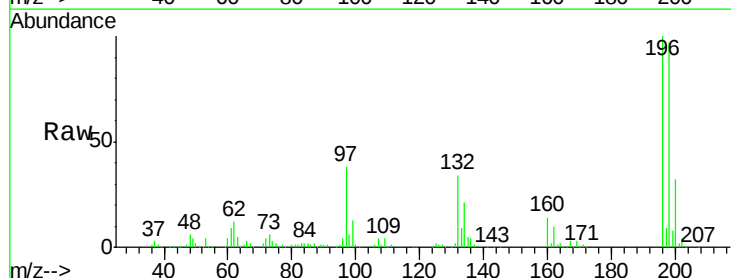
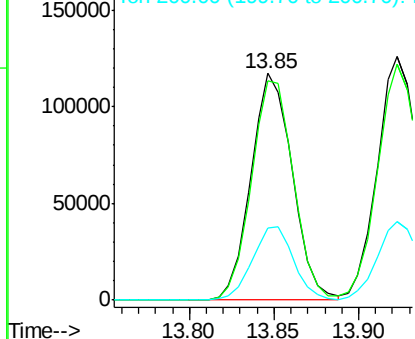
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	199600		
198	96.8	78.2	117.2	
200	32.0	24.6	36.8	

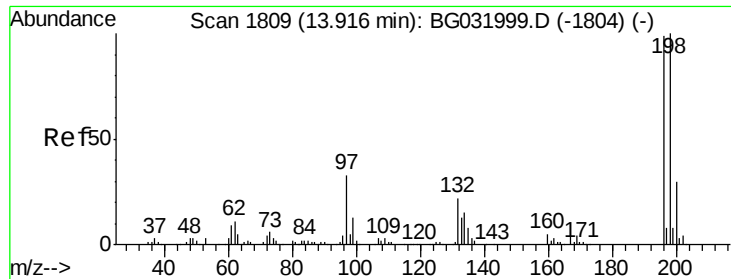
Abundance

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





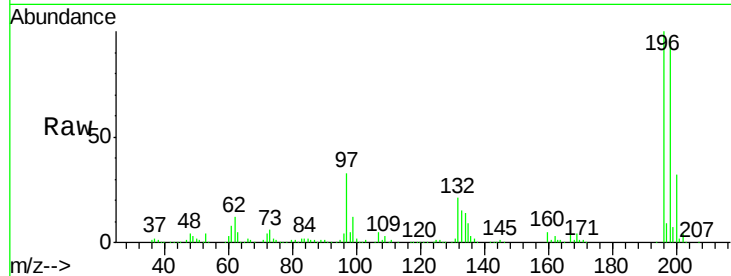
#43
 2,4,5-Trichlorophenol
 Concen: 44.984 ng
 RT: 13.92 min Scan# 1810
 Delta R.T. 0.01 min
 Lab File: BG032009.D
 Acq: 12 Jan 2018 19:23

Instrument :
 BNA_G
 ClientSampleId :
 BU-02-011118MS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	217438		
198	96.9	76.2	114.4	
97	32.8	38.7	58.1	
132	20.6	20.2	30.2	

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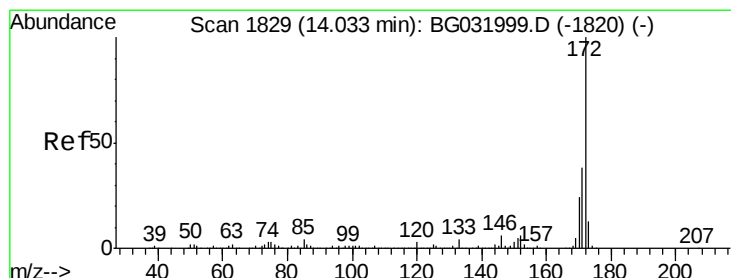
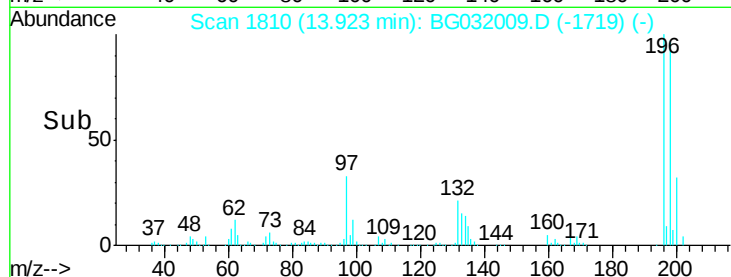
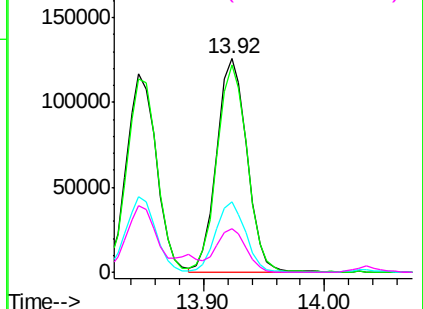
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 84.096 ng
 RT: 14.03 min Scan# 1829
 Delta R.T. 0.00 min
 Lab File: BG032009.D
 Acq: 12 Jan 2018 19:23

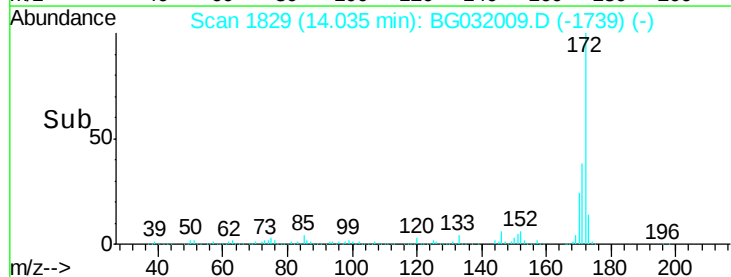
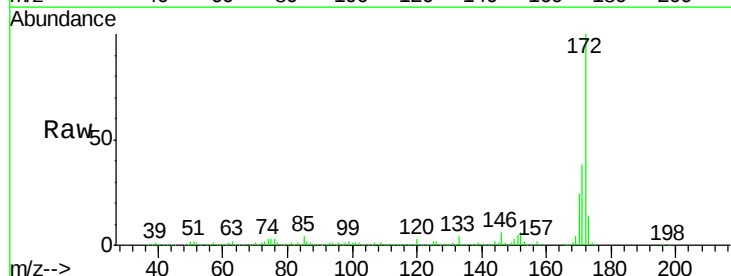
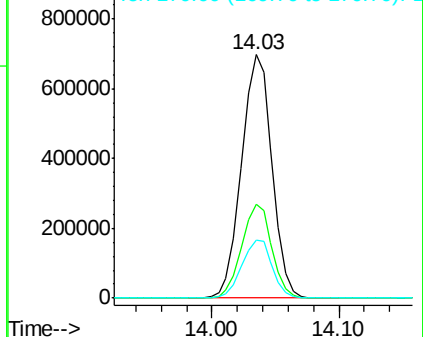
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1156386		
171	38.5	30.0	45.0	
170	23.9	19.5	29.3	

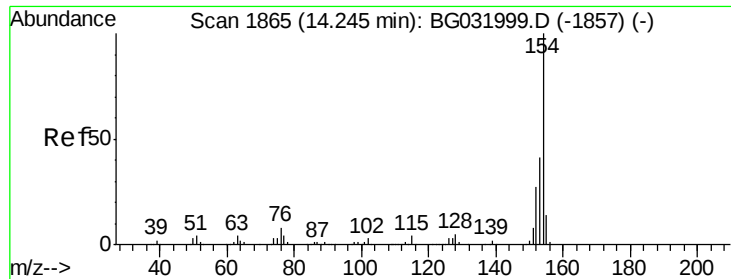
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





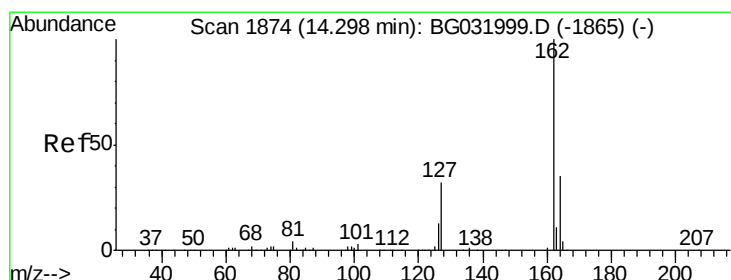
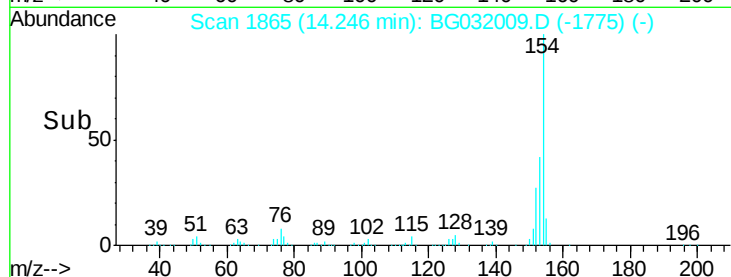
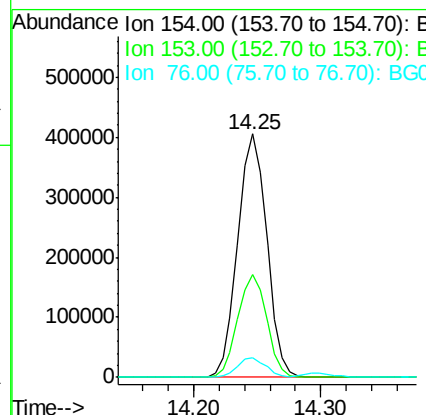
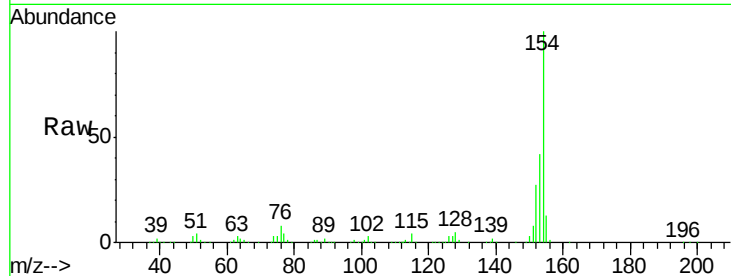
#45
 1,1'-Biphenyl
 Concen: 43.953 ng
 RT: 14.25 min Scan# 1865
 Delta R.T. 0.00 min
 Lab File: BG032009.D
 Acq: 12 Jan 2018 19:23

Instrument :
 BNA_G
 ClientSampleId :
 BU-02-011118MS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.2	19.8	59.8
76	8.1	0.0	31.9

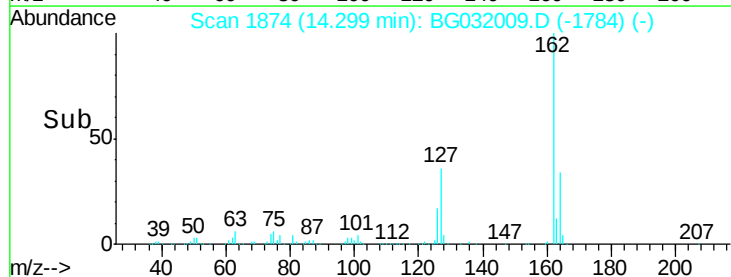
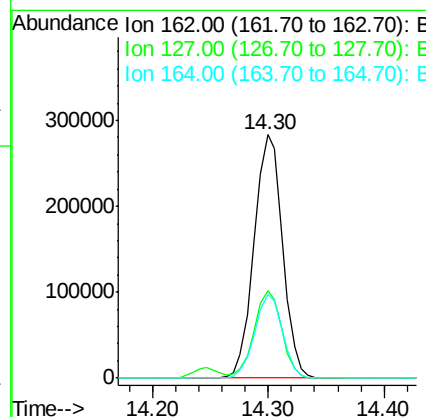
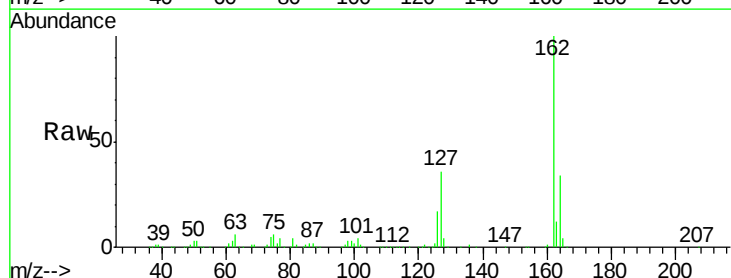
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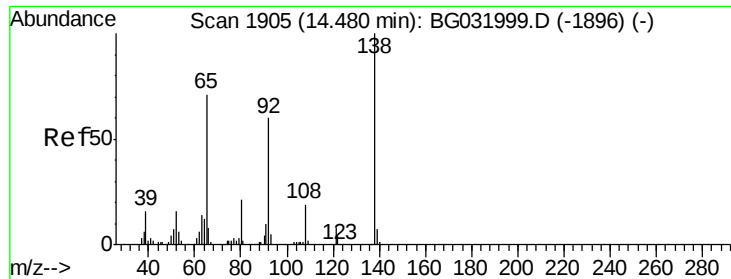
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#46
 2-Chloronaphthalene
 Concen: 42.805 ng
 RT: 14.30 min Scan# 1874
 Delta R.T. 0.00 min
 Lab File: BG032009.D
 Acq: 12 Jan 2018 19:23

Tgt Ion	Ratio	Lower	Upper
162	100		
127	35.8	30.7	46.1
164	34.3	26.0	39.0





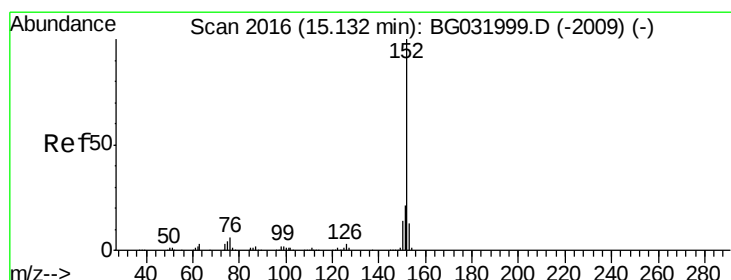
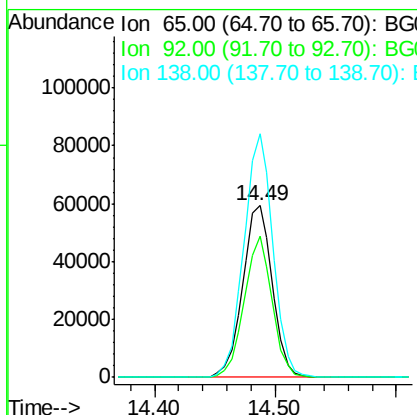
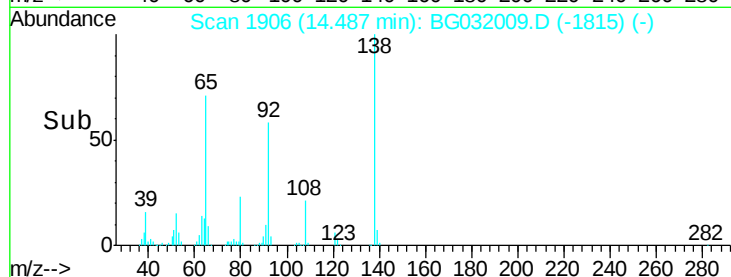
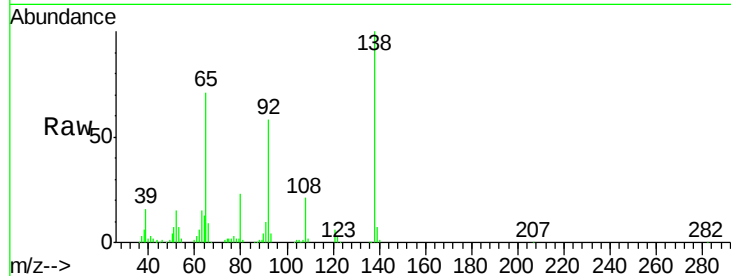
#47
2-Nitroaniline
Concen: 46.571 ng
RT: 14.49 min Scan# 1906
Delta R.T. 0.01 min
Lab File: BG032009.D
Acq: 12 Jan 2018 19:23

Instrument :
BNA_G
ClientSampleId :
BU-02-011118MS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	82.5	54.6	82.0#
138	141.7	72.9	109.3#

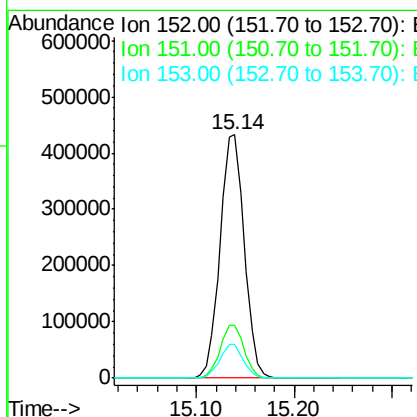
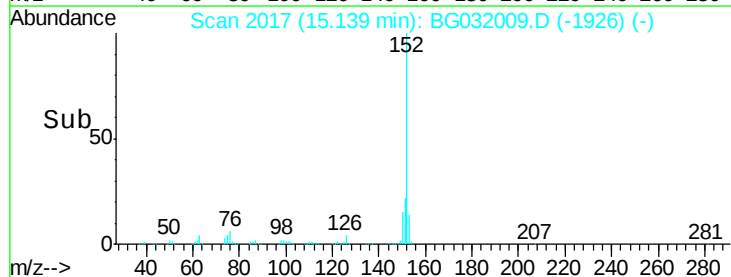
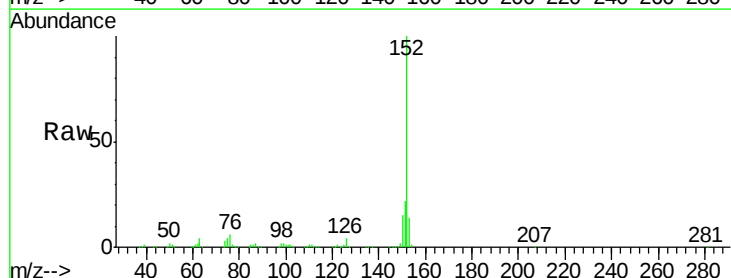
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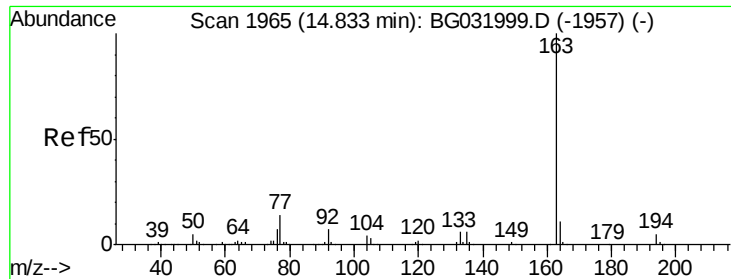
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#48
Acenaphthylene
Concen: 42.874 ng
RT: 15.14 min Scan# 2017
Delta R.T. 0.01 min
Lab File: BG032009.D
Acq: 12 Jan 2018 19:23

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.7	17.2	25.8
153	14.0	10.2	15.4





#49

Dimethylphthalate

Concen: 44.410 ng

RT: 14.84 min Scan# 1966

Delta R.T. 0.01 min

Lab File: BG032009.D

Acq: 12 Jan 2018 19:23

Instrument :

BNA_G

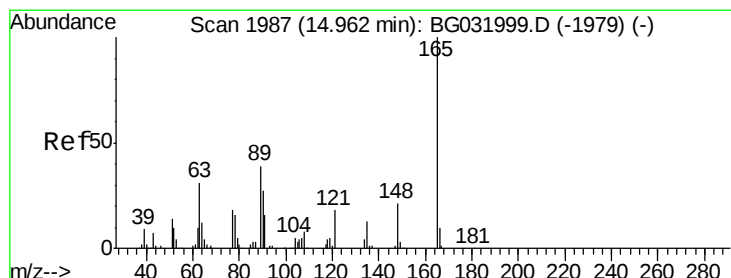
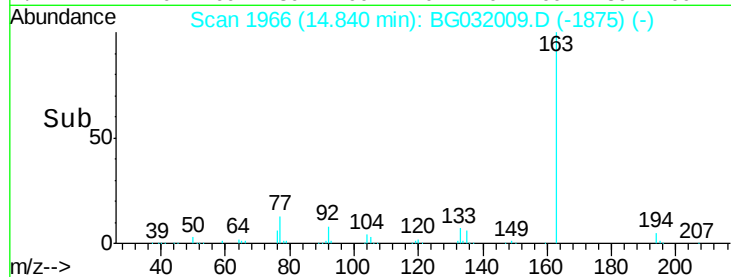
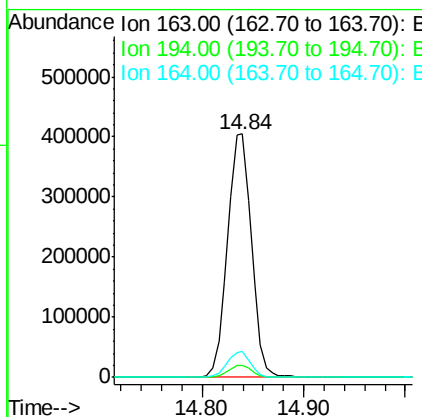
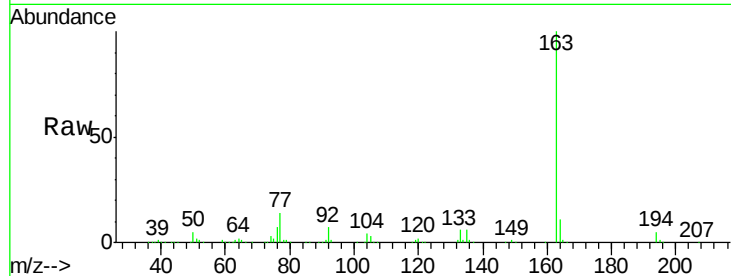
ClientSampleId :

BU-02-011118MS

Tgt Ion:	163	Resp:	662618
Ion Ratio	Lower	Upper	
163	100		
194	5.0	3.4	5.2
164	10.6	8.2	12.4

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#50

2,6-Dinitrotoluene

Concen: 47.325 ng

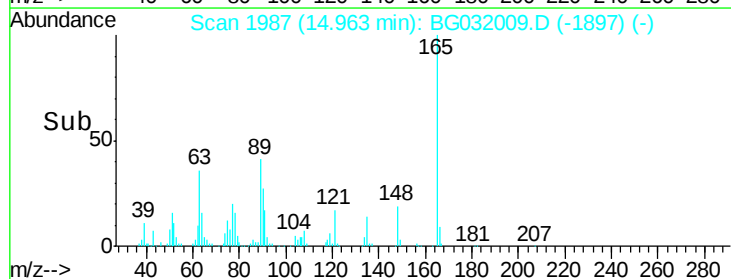
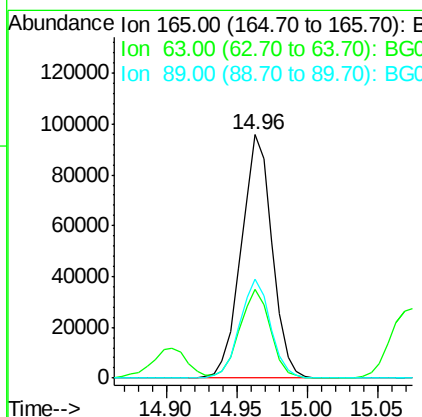
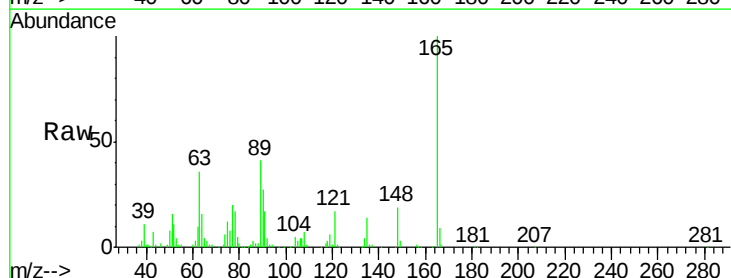
RT: 14.96 min Scan# 1987

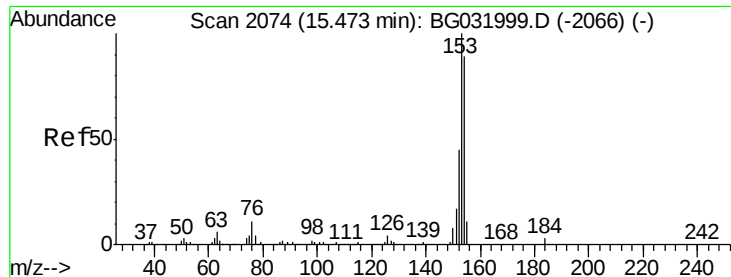
Delta R.T. 0.00 min

Lab File: BG032009.D

Acq: 12 Jan 2018 19:23

Tgt Ion:	165	Resp:	146562
Ion Ratio	Lower	Upper	
165	100		
63	36.4	52.7	79.1#
89	40.5	49.2	73.8#





#51

Acenaphthene

Concen: 49.082 ng

RT: 15.47 min Scan# 2074

Delta R.T. 0.00 min

Lab File: BG032009.D

Acq: 12 Jan 2018 19:23

Instrument :

BNA_G

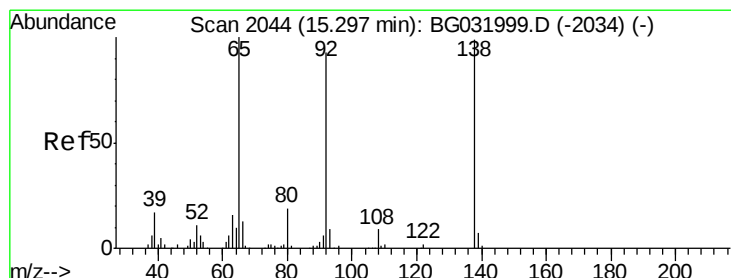
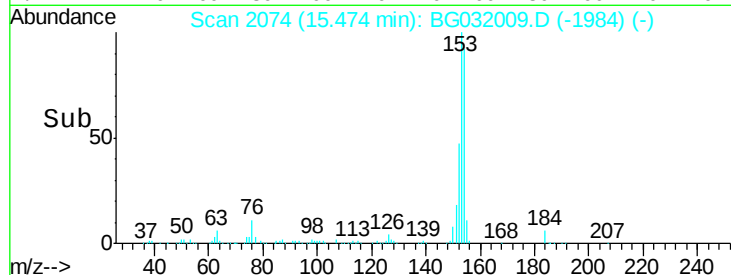
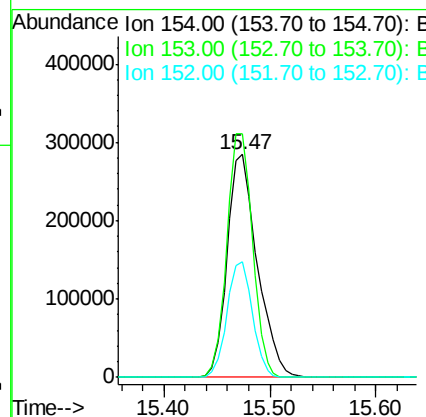
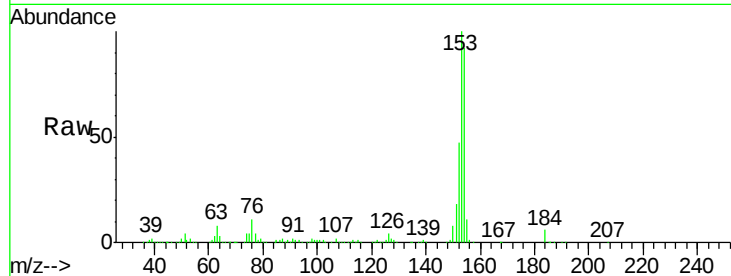
ClientSampleId :

BU-02-011118MS

Tgt Ion:	154	Resp:	561976
Ion Ratio	Lower	Upper	
154	100		
153	109.1	90.4	135.6
152	51.7	41.6	62.4

Manual Integrations
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#52

3-Nitroaniline

Concen: 8.501 ng

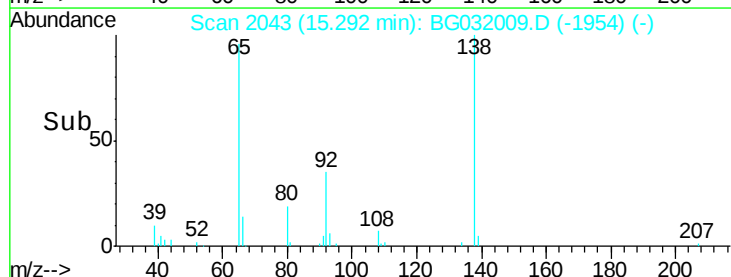
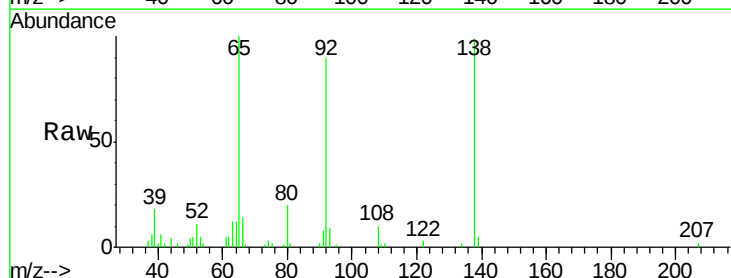
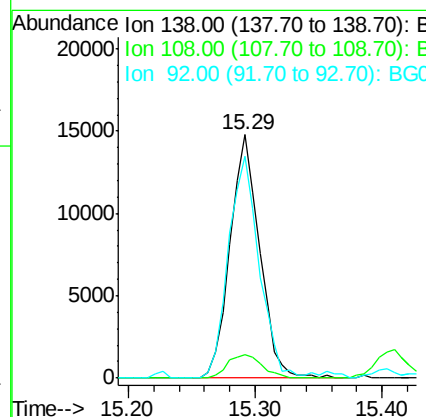
RT: 15.29 min Scan# 2043

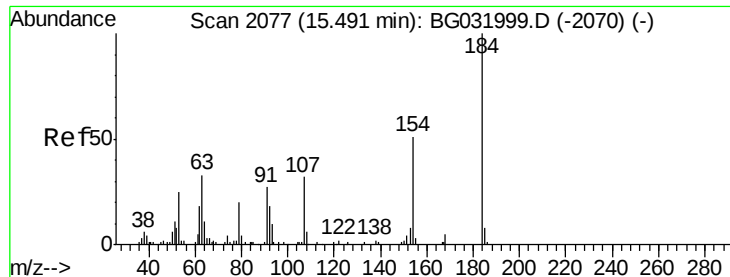
Delta R.T. -0.00 min

Lab File: BG032009.D

Acq: 12 Jan 2018 19:23

Tgt Ion:	138	Resp:	23779
Ion Ratio	Lower	Upper	
138	100		
108	9.9	17.5	26.3#
92	91.1	105.8	158.8#





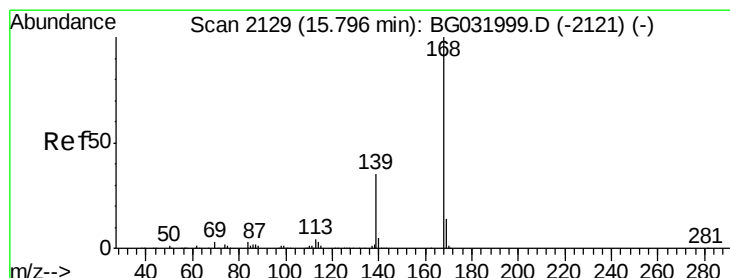
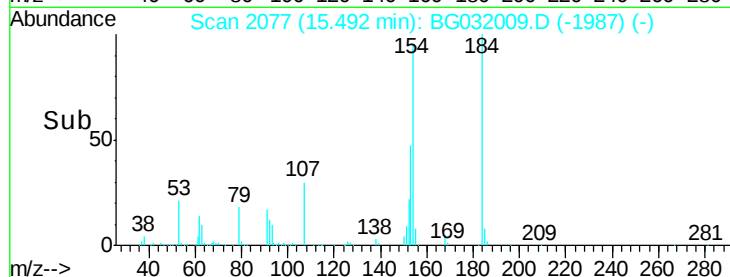
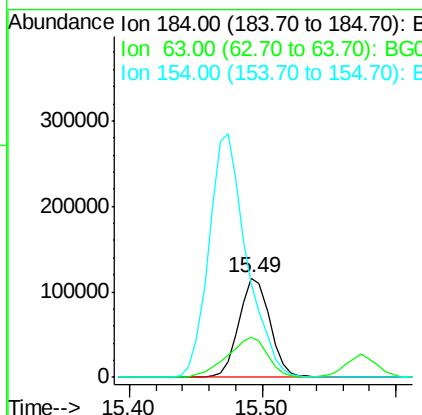
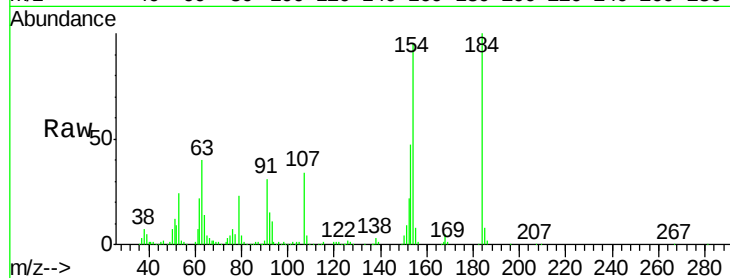
#53
2,4-Dinitrophenol
Concen: 117.318 ng
RT: 15.49 min Scan# 2077
Delta R.T. 0.00 min
Lab File: BG032009.D
Acq: 12 Jan 2018 19:23

Instrument :
BNA_G
ClientSampleId :
BU-02-011118MS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	187785		
63	39.8	59.8	89.8#	
154	94.8	101.8	152.8#	

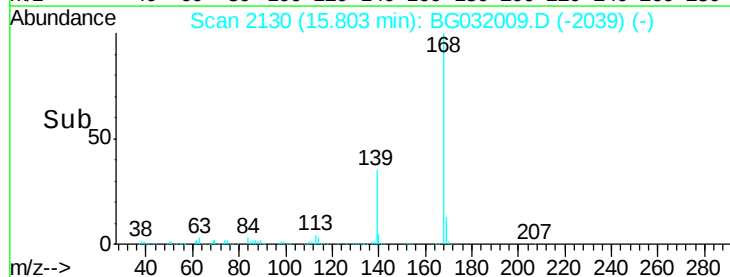
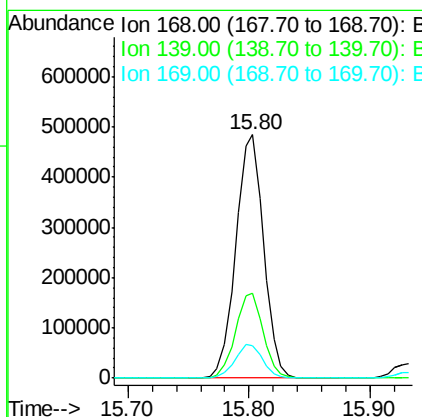
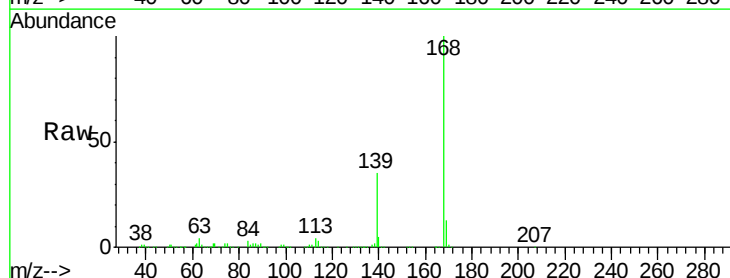
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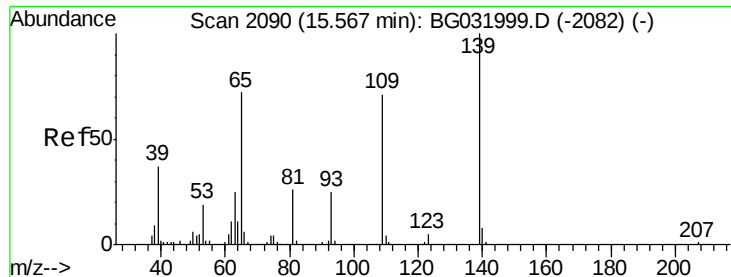
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#54
Dibenzofuran
Concen: 45.427 ng
RT: 15.80 min Scan# 2130
Delta R.T. 0.01 min
Lab File: BG032009.D
Acq: 12 Jan 2018 19:23

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	775902		
139	34.8	28.6	43.0	
169	13.5	11.2	16.8	





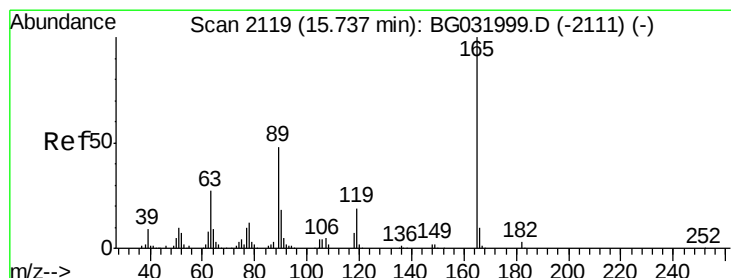
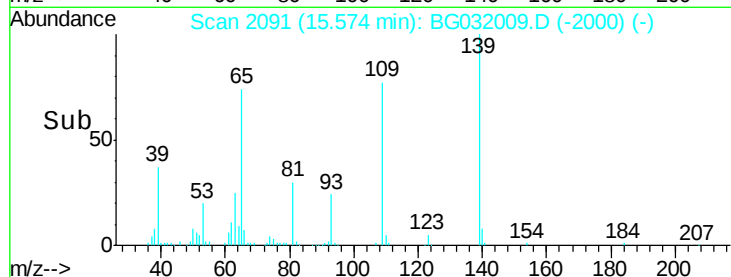
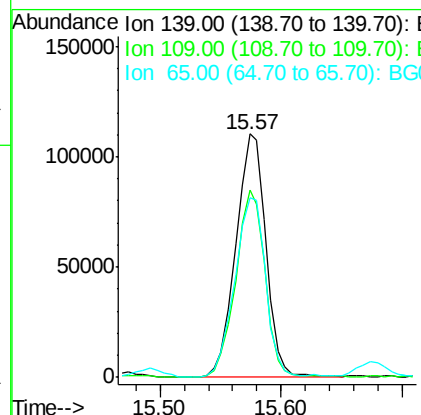
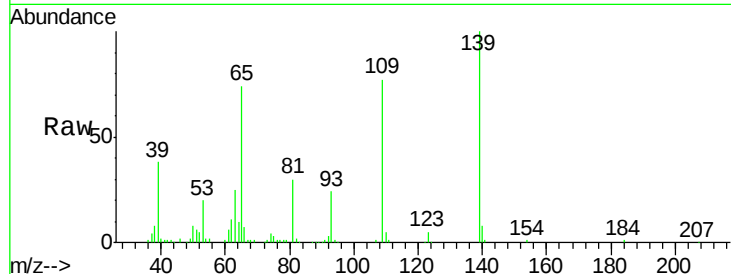
#55
4-Nitrophenol
Concen: 94.088 ng
RT: 15.57 min Scan# 2091
Delta R.T. 0.01 min
Lab File: BG032009.D
Acq: 12 Jan 2018 19:23

Instrument :
BNA_G
ClientSampleId :
BU-02-011118MS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	191793		
109	76.7	62.2	102.2	
65	73.9	97.2	137.2	

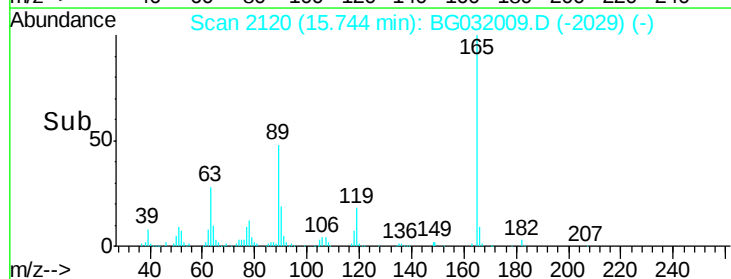
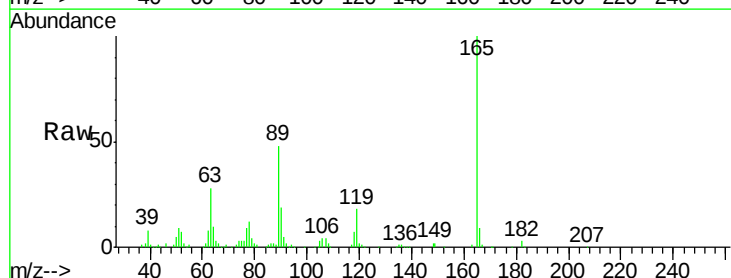
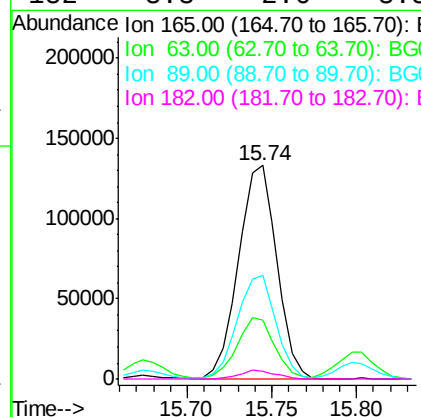
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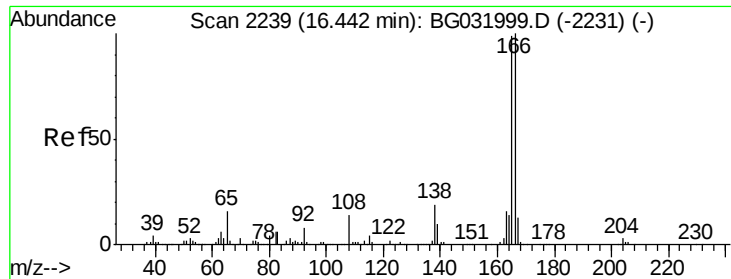
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#56
2,4-Dinitrotoluene
Concen: 50.110 ng
RT: 15.74 min Scan# 2120
Delta R.T. 0.01 min
Lab File: BG032009.D
Acq: 12 Jan 2018 19:23

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	208935		
63	27.6	42.0	63.0	
89	48.5	66.9	100.3	
182	3.3	2.6	3.8	





#57

Fluorene

Concen: 44.917 ng

RT: 16.44 min Scan# 2239

Delta R.T. 0.00 min

Lab File: BG032009.D

Acq: 12 Jan 2018 19:23

Instrument :

BNA_G

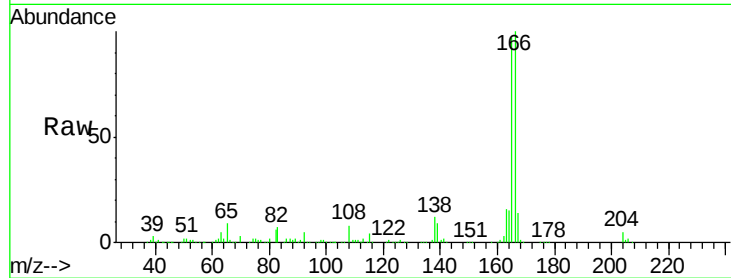
ClientSampleId :

BU-02-011118MS

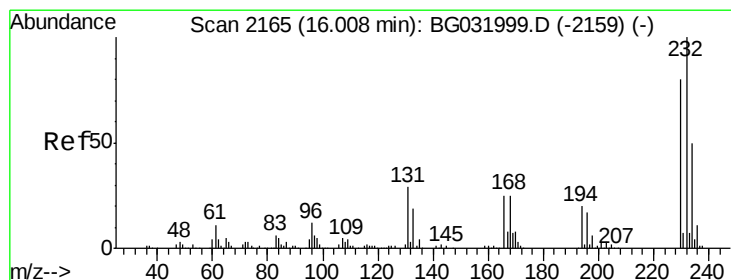
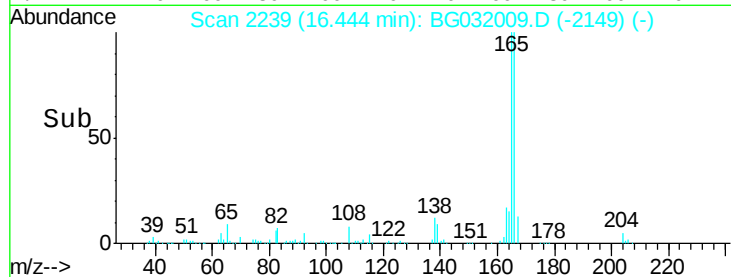
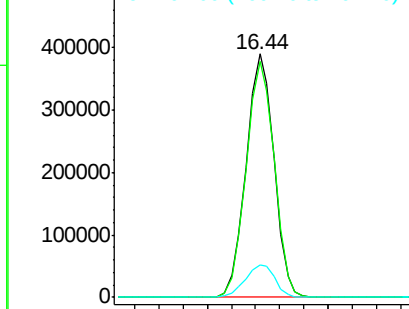
Tgt Ion:	166	Resp:	629214
Ion Ratio	Lower	Upper	
166	100		
165	96.9	80.6	121.0
167	13.5	10.4	15.6

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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 51.482 ng

RT: 16.01 min Scan# 2166

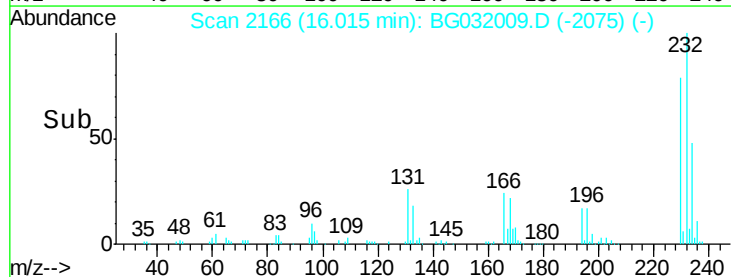
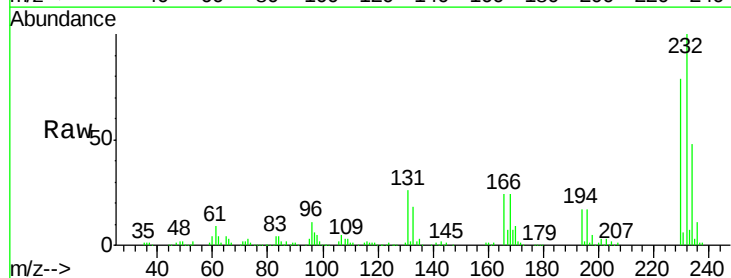
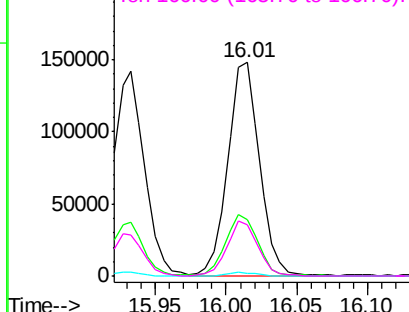
Delta R.T. 0.01 min

Lab File: BG032009.D

Acq: 12 Jan 2018 19:23

Tgt Ion:	232	Resp:	230205
Ion Ratio	Lower	Upper	
232	100		
131	29.4	33.5	50.3#
130	1.8	2.2	3.2#
166	25.1	24.8	37.2

Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





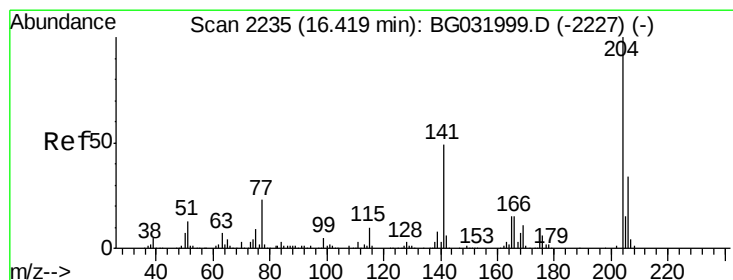
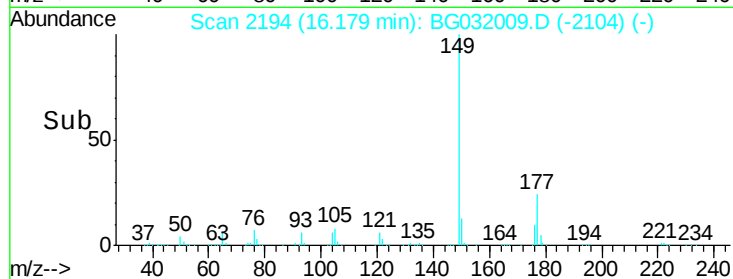
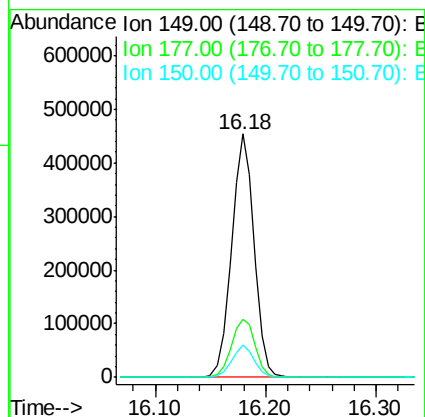
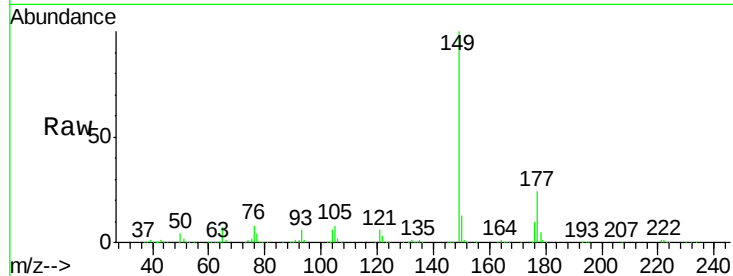
#59
Diethylphthalate
Concen: 44.562 ng
RT: 16.18 min Scan# 2194
Delta R.T. 0.00 min
Lab File: BG032009.D
Acq: 12 Jan 2018 19:23

Instrument :
BNA_G
ClientSampleId :
BU-02-011118MS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	644570		
177	23.9	18.5	27.7	
150	13.2	10.2	15.2	

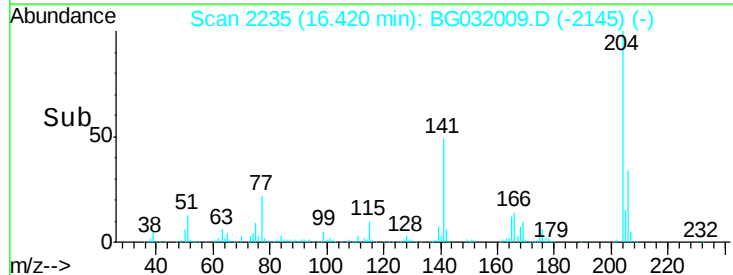
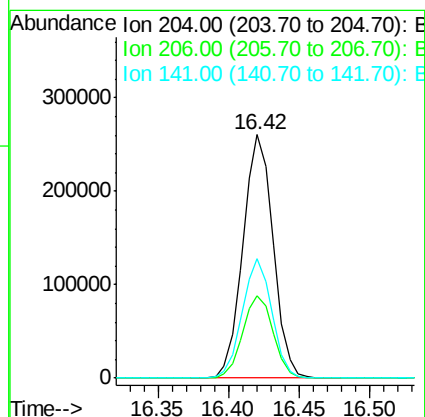
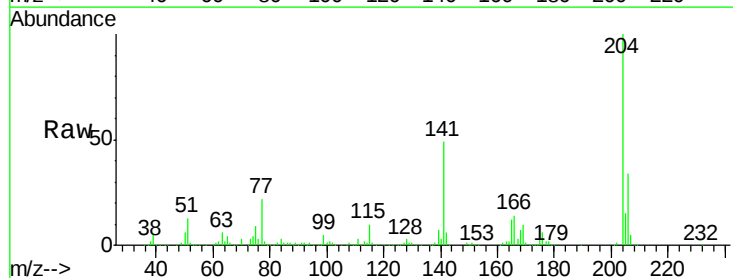
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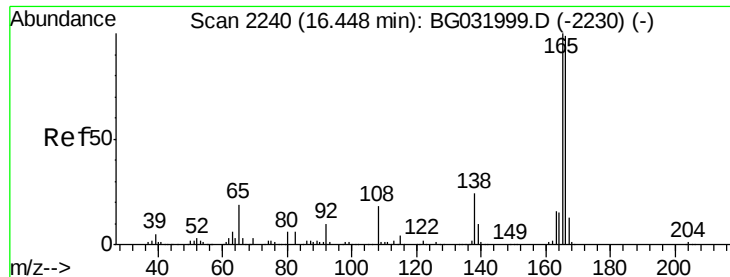
Sohil
1/15/2018 4:23:46 PM



#60
4-Chlorophenyl-phenylether
Concen: 45.279 ng
RT: 16.42 min Scan# 2235
Delta R.T. 0.00 min
Lab File: BG032009.D
Acq: 12 Jan 2018 19:23

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	389093		
206	33.7	26.2	39.2	
141	48.9	45.8	68.6	





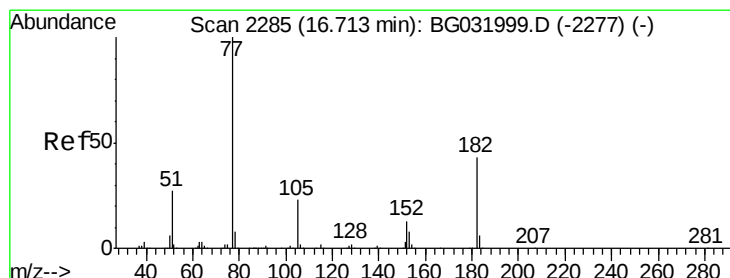
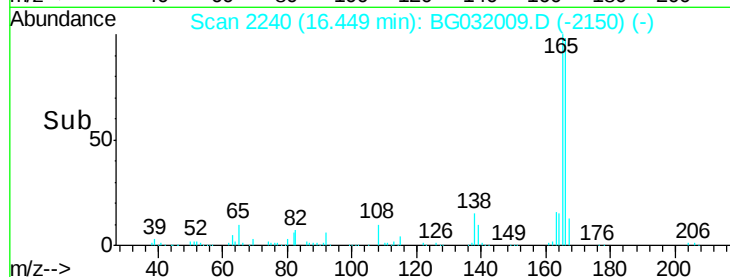
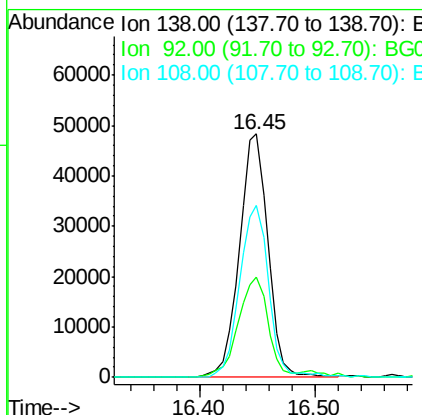
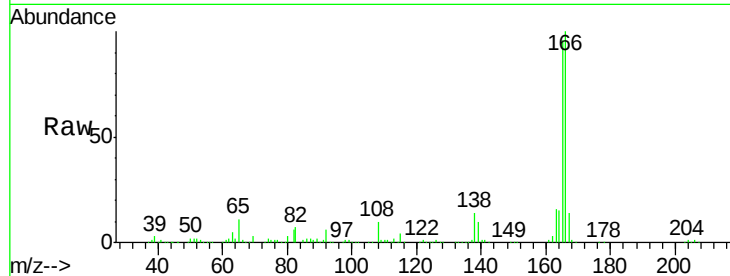
#61
4-Nitroaniline
Concen: 31.085 ng
RT: 16.45 min Scan# 2240
Delta R.T. 0.00 min
Lab File: BG032009.D
Acq: 12 Jan 2018 19:23

Instrument :
BNA_G
ClientSampleId :
BU-02-011118MS

Tgt Ion	Ratio	Lower	Upper
138	100		
92	41.3	40.1	80.1
108	70.8	65.4	105.4

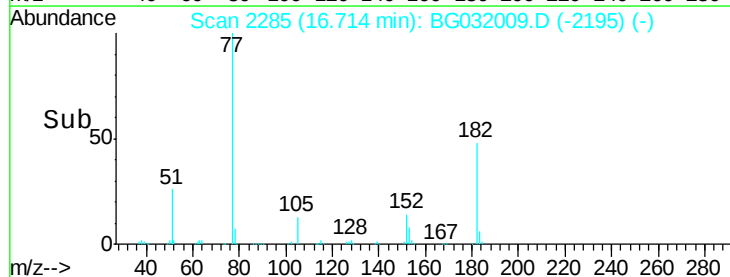
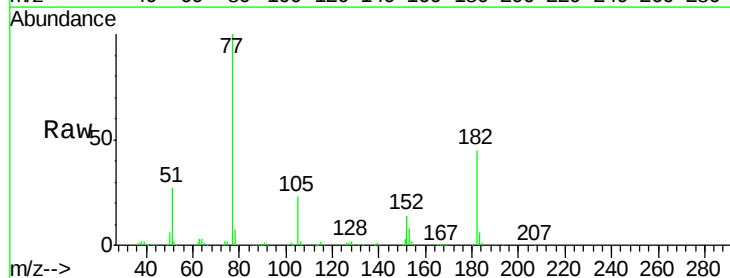
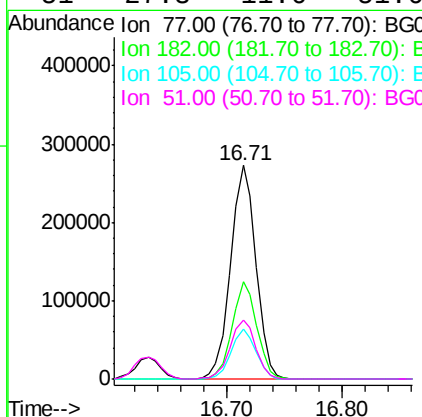
Manual Integrations
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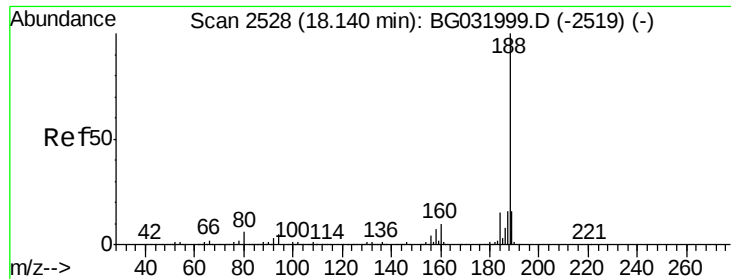
Sohil
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#62
Azobenzene
Concen: 45.599 ng
RT: 16.71 min Scan# 2285
Delta R.T. 0.00 min
Lab File: BG032009.D
Acq: 12 Jan 2018 19:23

Tgt Ion	Ratio	Lower	Upper
77	100		
182	45.4	7.4	47.4
105	23.3	0.3	40.3
51	27.3	11.6	51.6





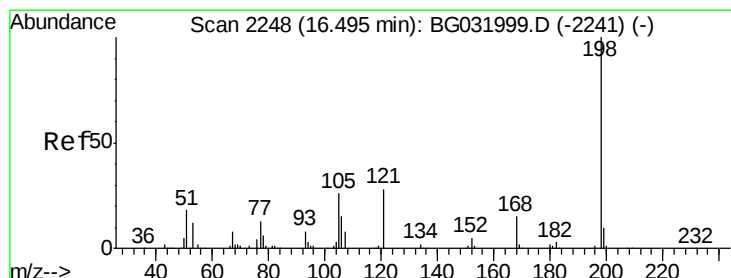
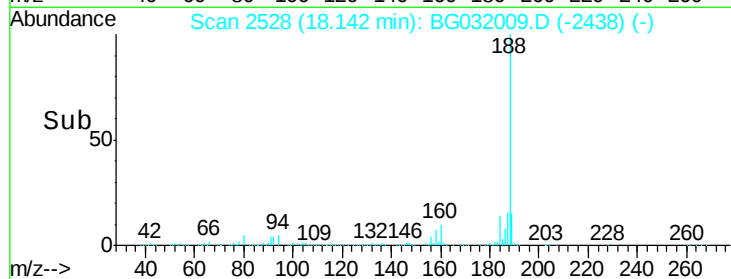
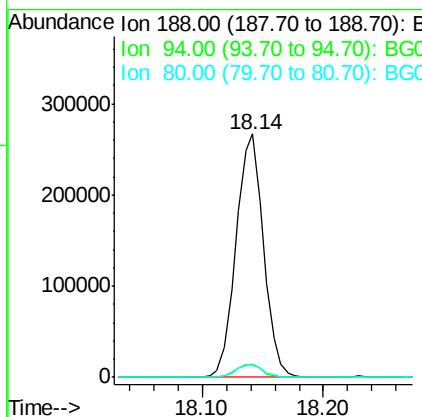
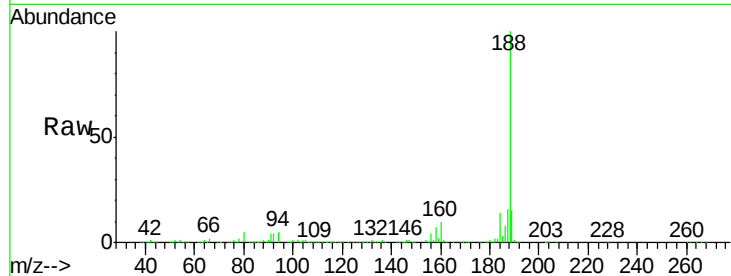
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.14 min Scan# 2528
Delta R.T. 0.00 min
Lab File: BG032009.D
Acq: 12 Jan 2018 19:23

Instrument :
BNA_G
ClientSampleId :
BU-02-011118MS

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	422901		
94	5.2	6.9	10.3#	
80	4.9	7.7	11.5#	

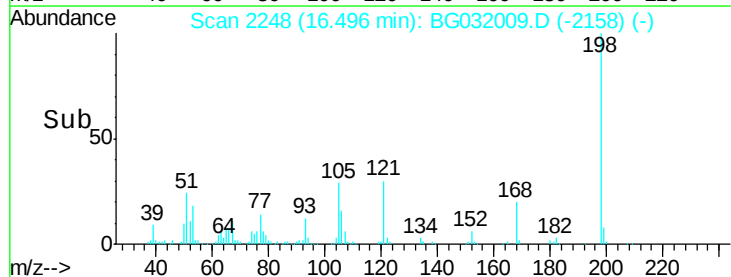
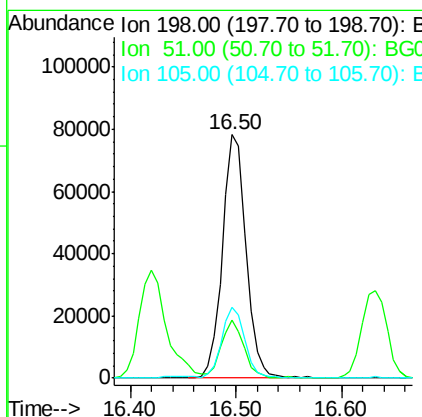
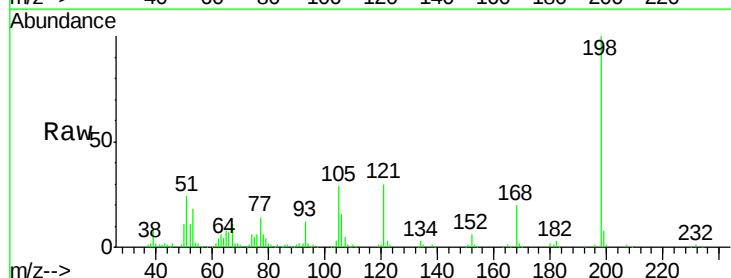
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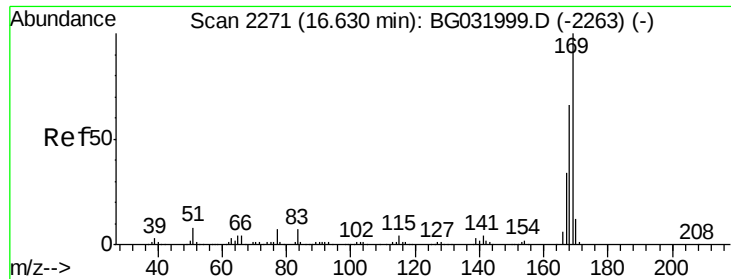
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 45.251 ng
RT: 16.50 min Scan# 2248
Delta R.T. 0.00 min
Lab File: BG032009.D
Acq: 12 Jan 2018 19:23

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	121645		
51	23.7	30.6	70.6#	
105	29.3	23.8	63.8	





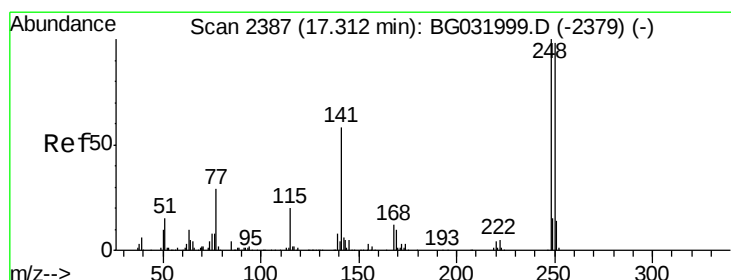
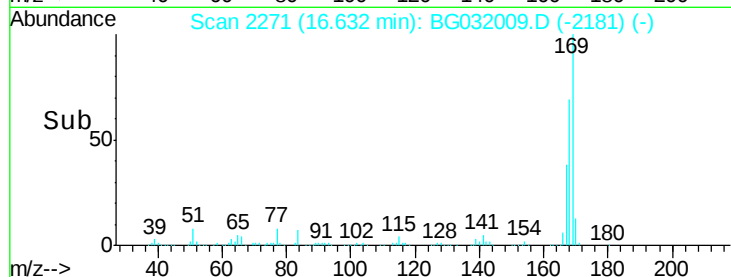
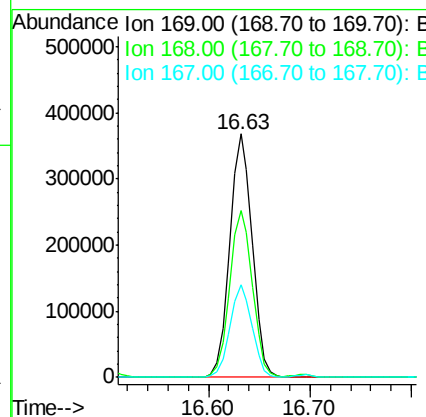
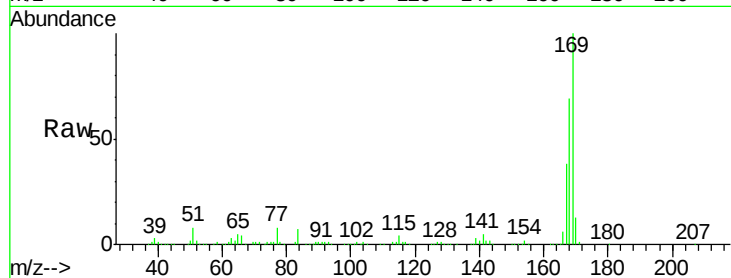
#65
 n-Nitrosodiphenylamine
 Concen: 43.911 ng
 RT: 16.63 min Scan# 2271
 Delta R.T. 0.00 min
 Lab File: BG032009.D
 Acq: 12 Jan 2018 19:23

Instrument :
 BNA_G
 ClientSampleId :
 BU-02-011118MS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	563490		
168	68.6		55.7	83.5
167	37.8		30.1	45.1

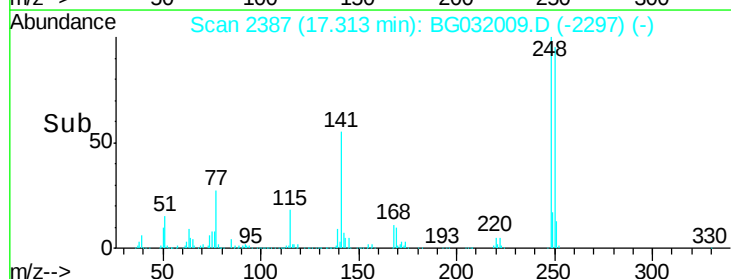
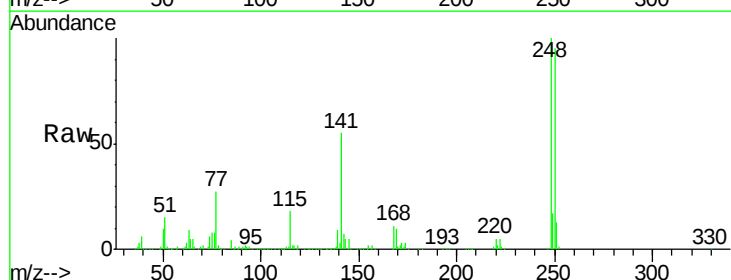
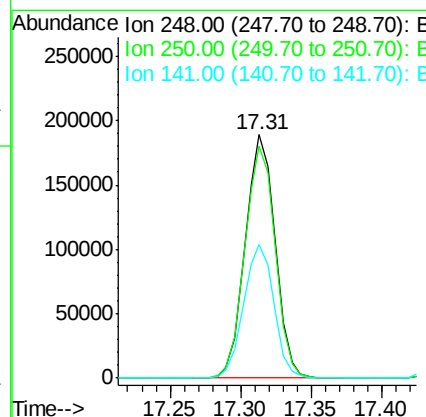
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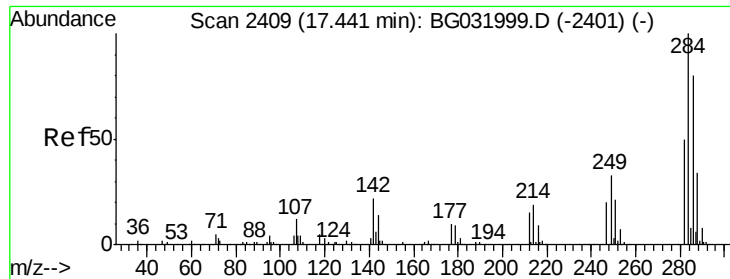
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#66
 4-Bromophenyl-phenylether
 Concen: 46.437 ng
 RT: 17.31 min Scan# 2387
 Delta R.T. 0.00 min
 Lab File: BG032009.D
 Acq: 12 Jan 2018 19:23

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	279417		
250	95.3		77.1	115.7
141	55.1		50.8	76.2





#67

Hexachlorobenzene

Concen: 42.989 ng

RT: 17.44 min Scan# 2409

Delta R.T. 0.00 min

Lab File: BG032009.D

Acq: 12 Jan 2018 19:23

Instrument :

BNA_G

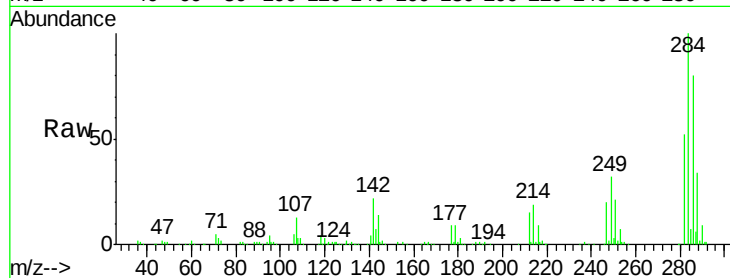
ClientSampleId :

BU-02-011118MS

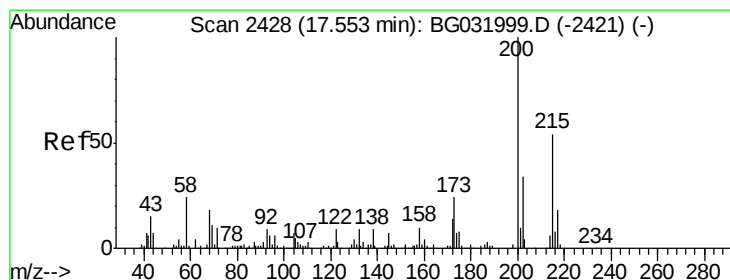
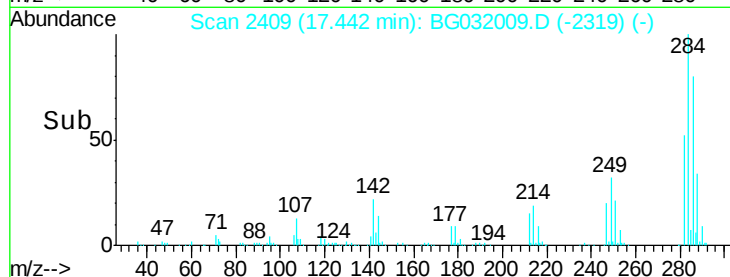
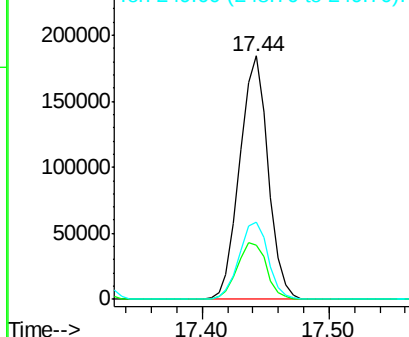
Tgt Ion:	284	Resp:	286177
Ion Ratio		Lower	Upper
284	100		
142	22.2	26.8	40.2#
249	31.8	26.3	39.5

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



#68

Atrazine

Concen: 29.671 ng

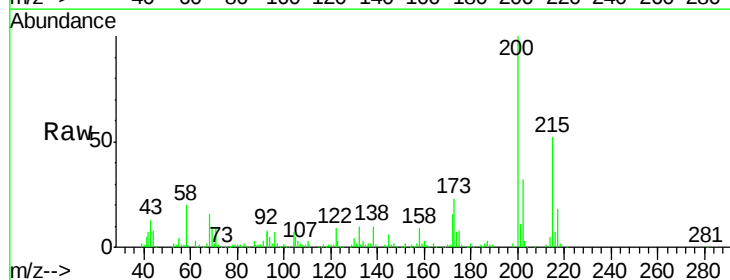
RT: 17.55 min Scan# 2428

Delta R.T. 0.00 min

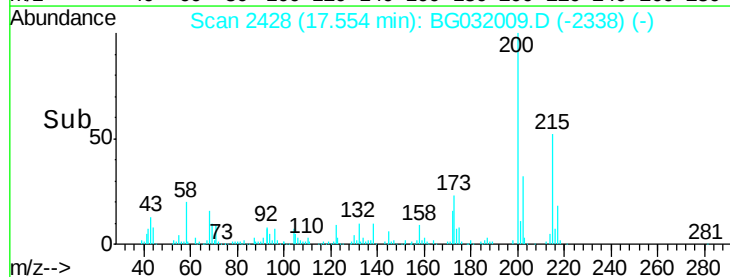
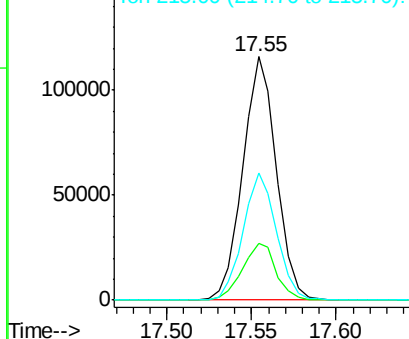
Lab File: BG032009.D

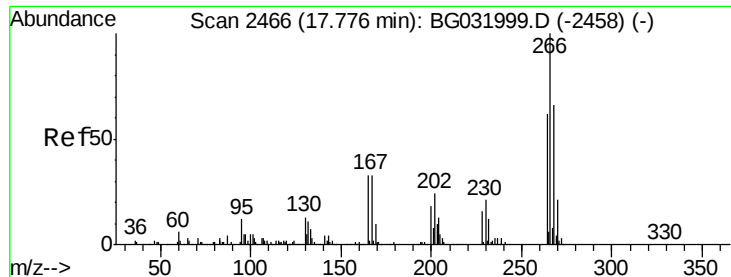
Acq: 12 Jan 2018 19:23

Tgt Ion:	200	Resp:	160123
Ion Ratio		Lower	Upper
200	100		
173	23.1	5.2	45.2
215	52.3	30.4	70.4



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





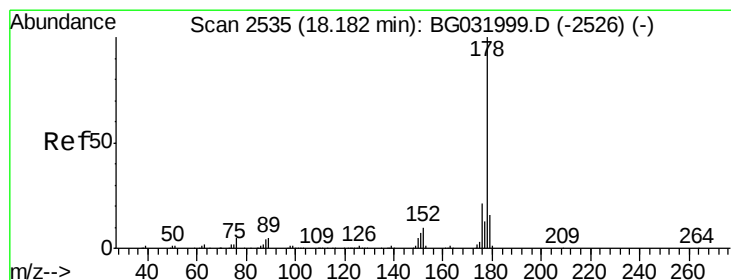
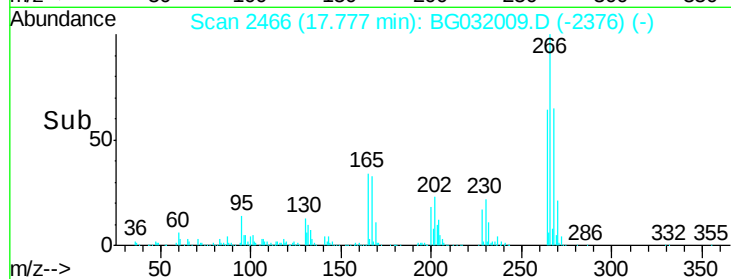
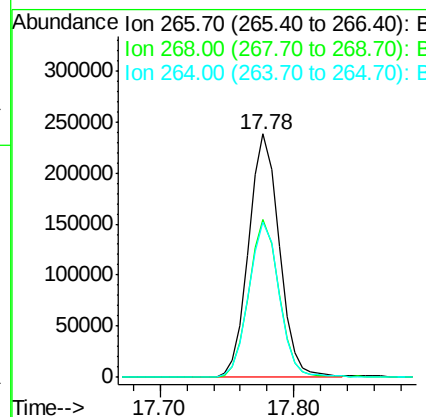
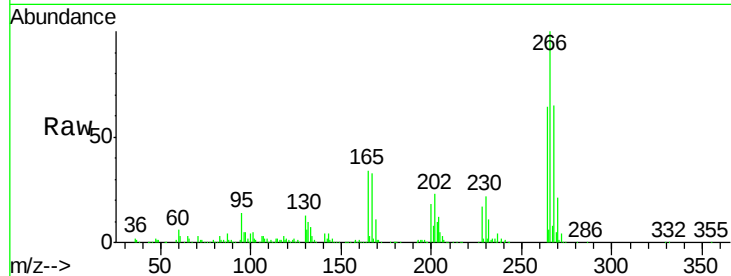
#69
 Pentachlorophenol
 Concen: 88.282 ng
 RT: 17.78 min Scan# 2466
 Delta R.T. 0.00 min
 Lab File: BG032009.D
 Acq: 12 Jan 2018 19:23

Instrument :
 BNA_G
 ClientSampleId :
 BU-02-011118MS

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.6	51.1	76.7
264	63.6	49.6	74.4

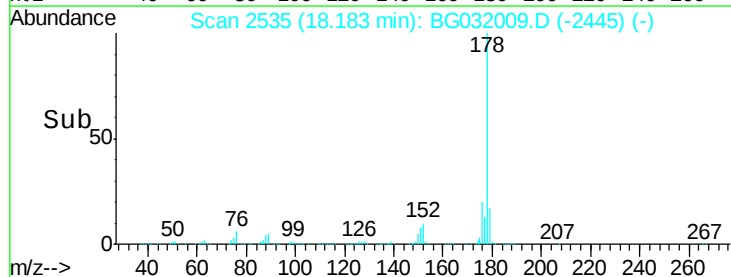
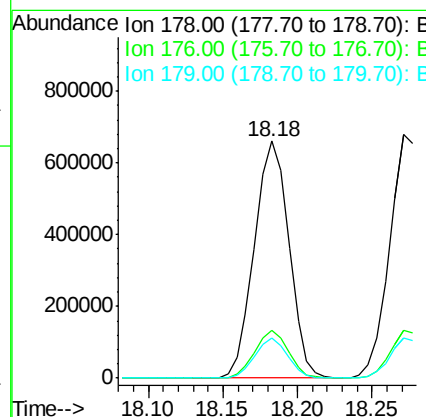
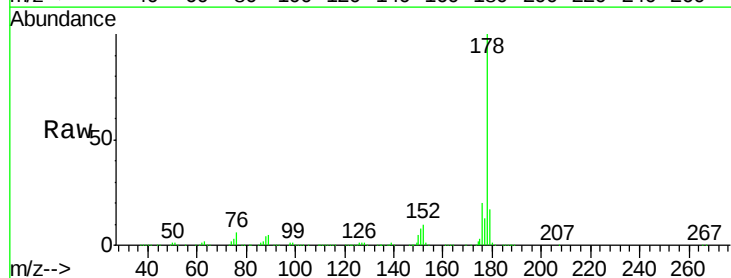
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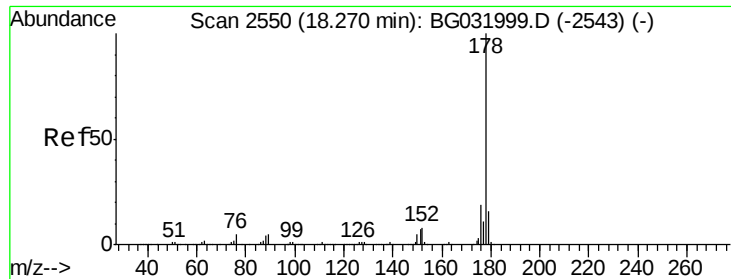
Sohil
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#70
 Phenanthrene
 Concen: 44.986 ng
 RT: 18.18 min Scan# 2535
 Delta R.T. 0.00 min
 Lab File: BG032009.D
 Acq: 12 Jan 2018 19:23

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.7	23.5
179	16.8	12.5	18.7





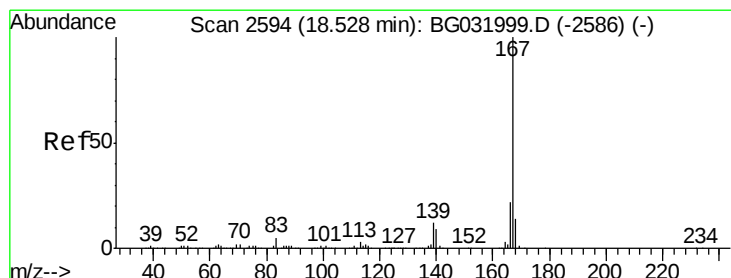
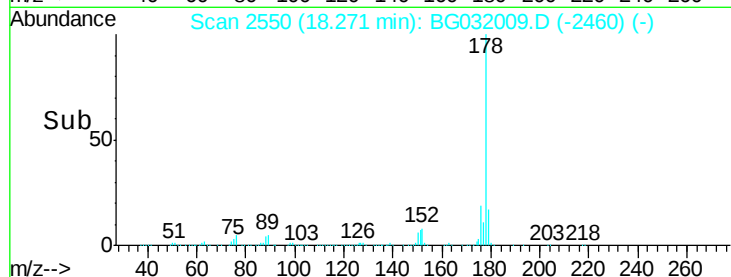
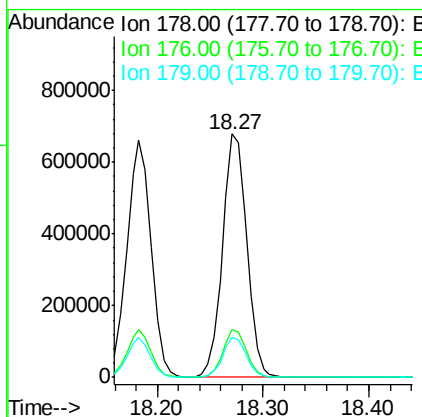
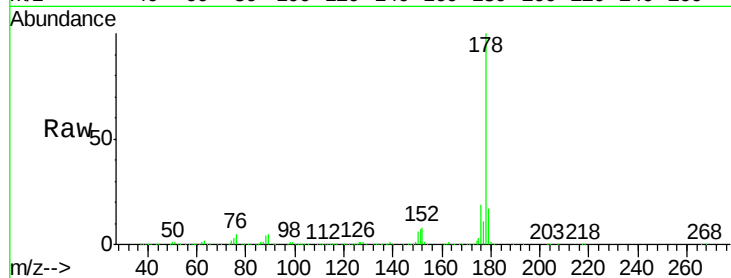
#71
 Anthracene
 Concen: 45.974 ng
 RT: 18.27 min Scan# 2550
 Delta R.T. 0.00 min
 Lab File: BG032009.D
 Acq: 12 Jan 2018 19:23

Instrument :
 BNA_G
 ClientSampleId :
 BU-02-011118MS

Tgt Ion:178 Resp: 1079649
 Ion Ratio Lower Upper
 178 100
 176 19.4 16.0 24.0
 179 16.5 12.5 18.7

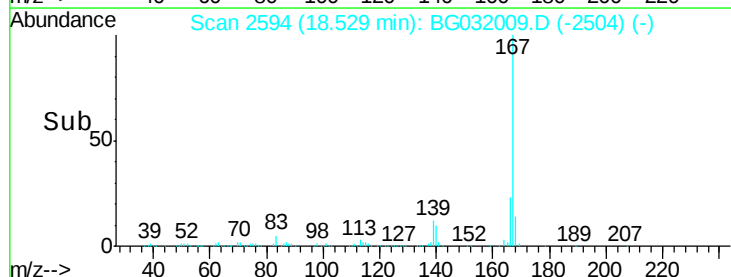
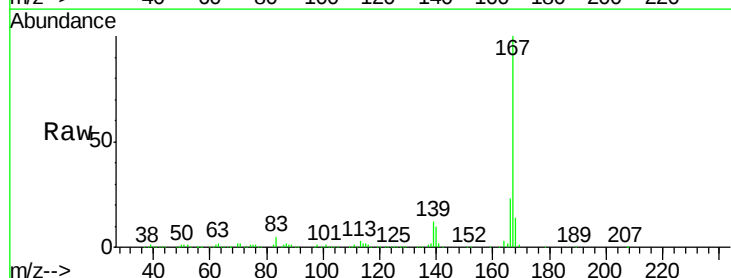
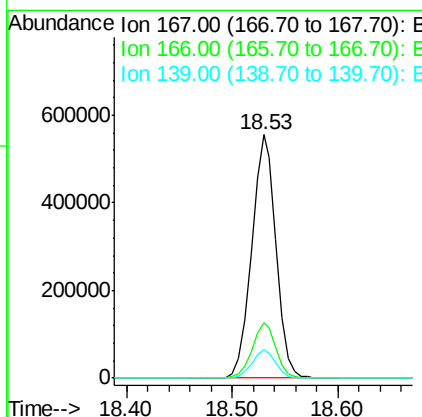
Manual Integrations
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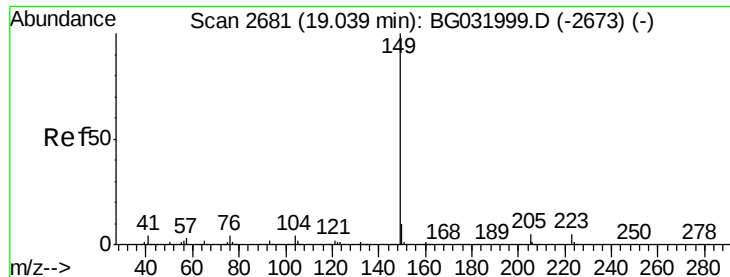
Sohil
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#72
 Carbazole
 Concen: 43.613 ng
 RT: 18.53 min Scan# 2594
 Delta R.T. 0.00 min
 Lab File: BG032009.D
 Acq: 12 Jan 2018 19:23

Tgt Ion:167 Resp: 888475
 Ion Ratio Lower Upper
 167 100
 166 22.8 18.2 27.4
 139 11.8 9.4 14.2





#73

Di-n-butylphthalate

Concen: 44.527 ng

RT: 19.04 min Scan# 2681

Delta R.T. 0.00 min

Lab File: BG032009.D

Acq: 12 Jan 2018 19:23

Instrument :

BNA_G

ClientSampleId :

BU-02-011118MS

Tgt Ion:149 Resp: 1071879

Ion Ratio Lower Upper

149 100

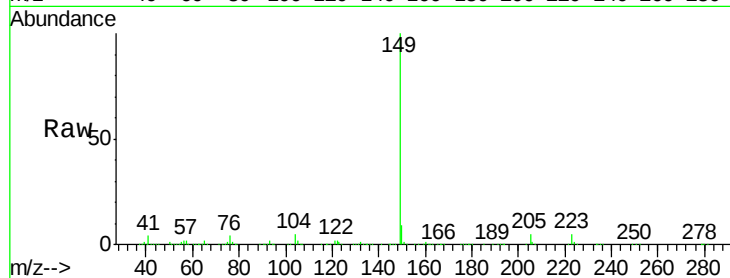
150 9.5 7.8 11.6

104 4.5 3.9 5.9

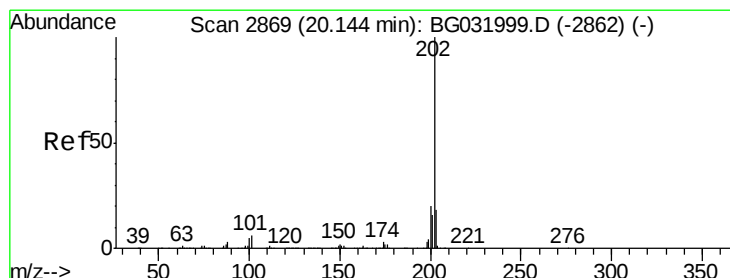
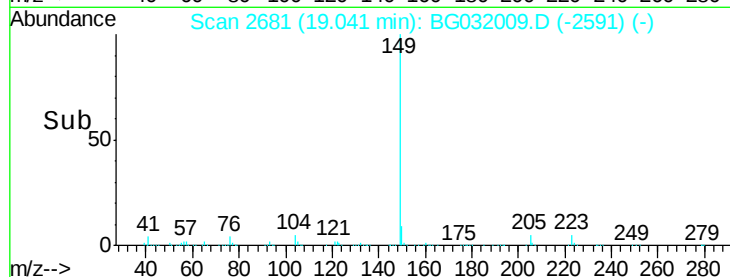
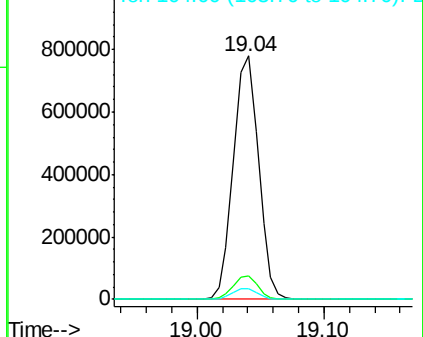
Manual Integrations
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 44.162 ng

RT: 20.15 min Scan# 2869

Delta R.T. 0.00 min

Lab File: BG032009.D

Acq: 12 Jan 2018 19:23

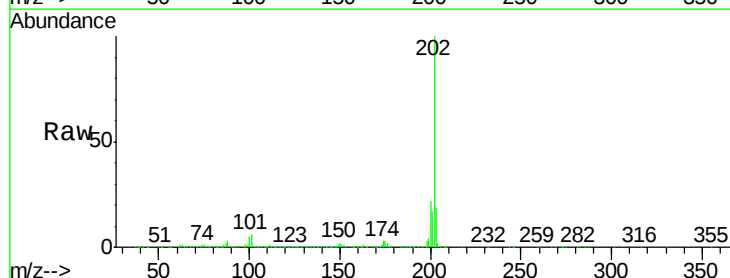
Tgt Ion:202 Resp: 1301891

Ion Ratio Lower Upper

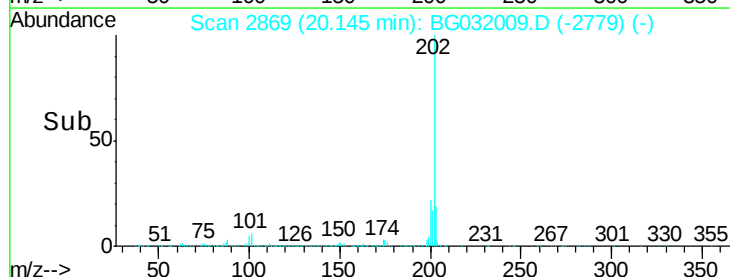
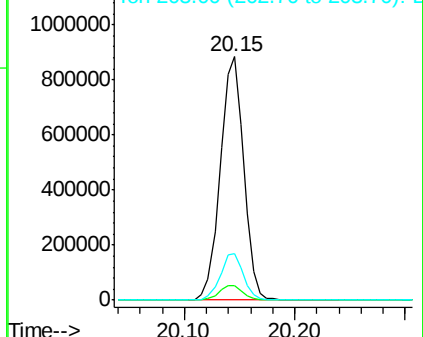
202 100

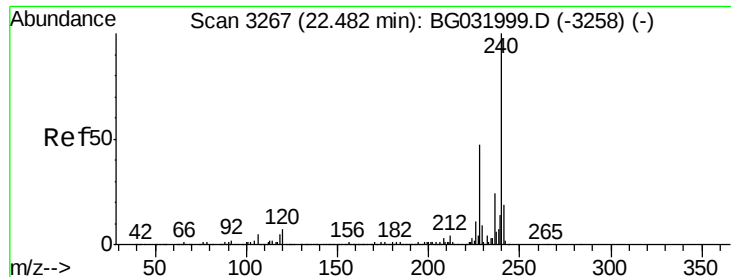
101 5.9 0.0 28.9

203 19.3 0.0 37.5



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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.48 min Scan# 3267

Delta R.T. 0.00 min

Lab File: BG032009.D

Acq: 12 Jan 2018 19:23

Instrument :

BNA_G

ClientSampleId :

BU-02-011118MS

Tgt Ion:240 Resp: 467970

Ion Ratio Lower Upper

240 100

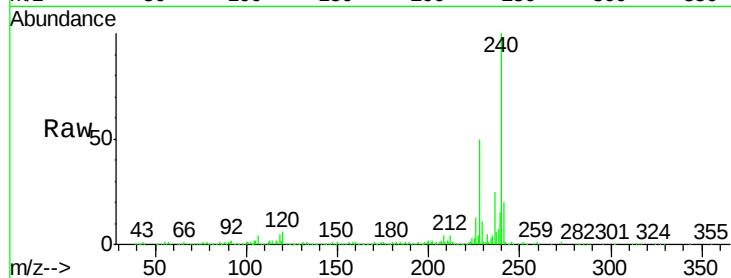
120 5.5 6.8 10.2#

236 25.2 20.9 31.3

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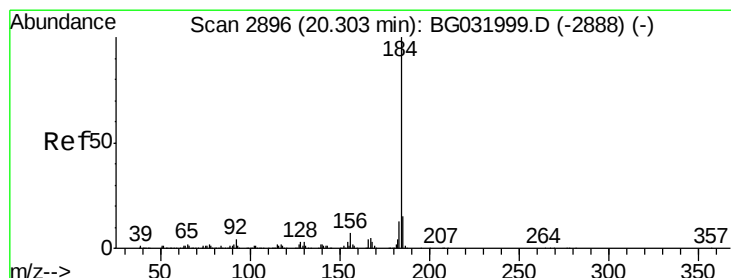
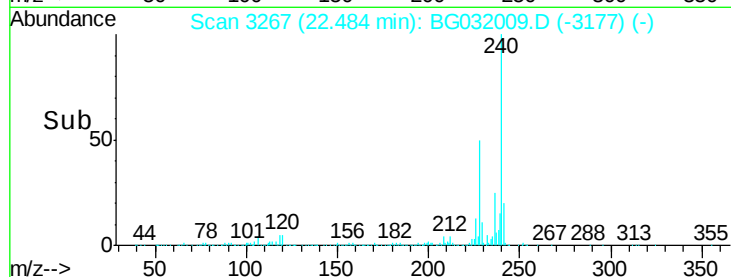
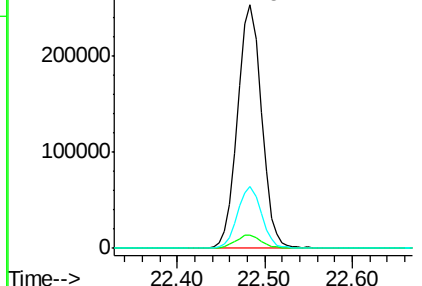
1/15/2018 4:23:46 PM



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: 2.411 ng m

RT: 20.35 min Scan# 2904

Delta R.T. 0.05 min

Lab File: BG032009.D

Acq: 12 Jan 2018 19:23

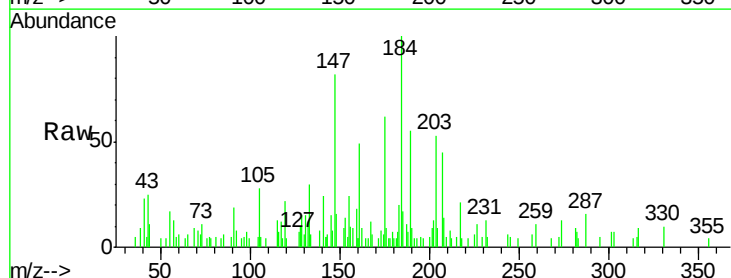
Tgt Ion:184 Resp: 28215

Ion Ratio Lower Upper

184 100

185 16.9 11.1 16.7#

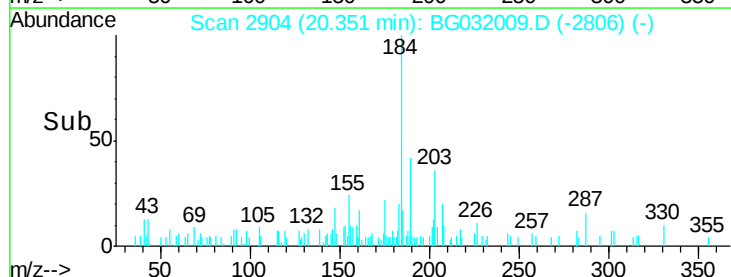
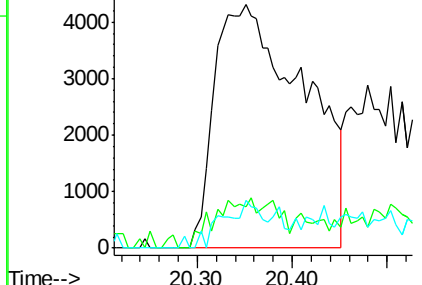
183 19.9 10.6 16.0#

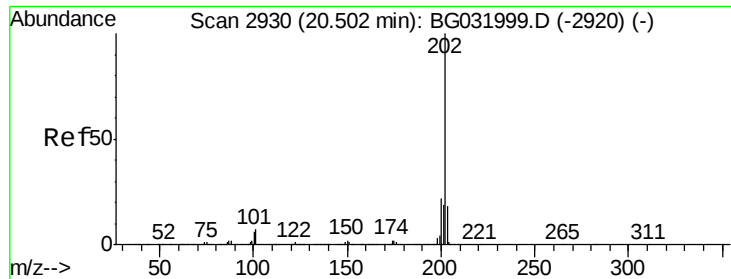


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





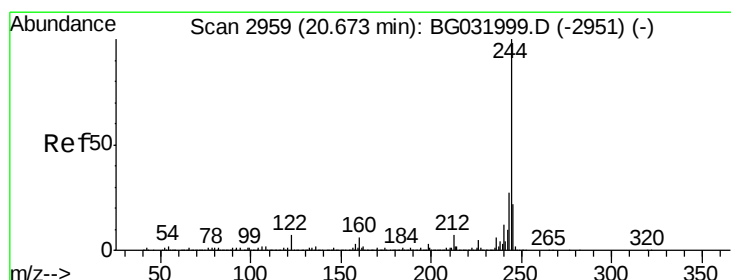
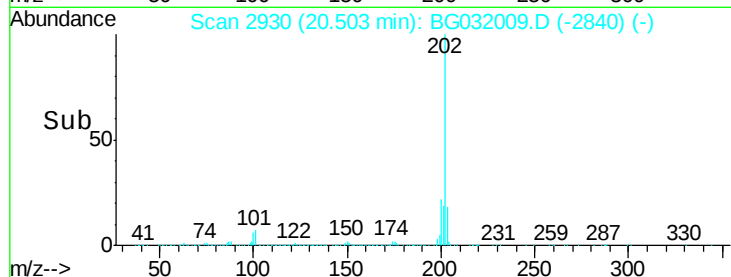
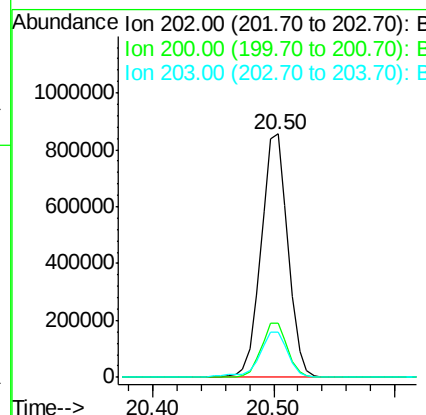
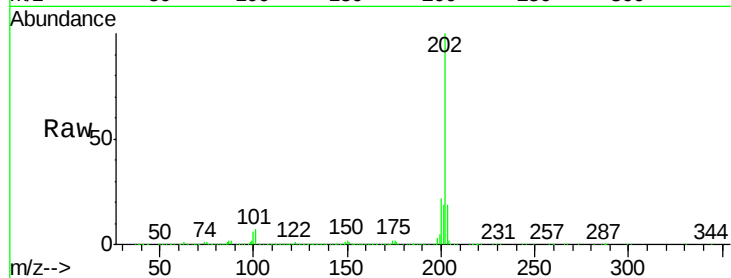
#77
 Pyrene
 Concen: 44.727 ng
 RT: 20.50 min Scan# 2930
 Delta R.T. 0.00 min
 Lab File: BG032009.D
 Acq: 12 Jan 2018 19:23

Instrument :
 BNA_G
 ClientSampleId :
 BU-02-011118MS

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.3	16.9	25.3
203	18.5	13.9	20.9

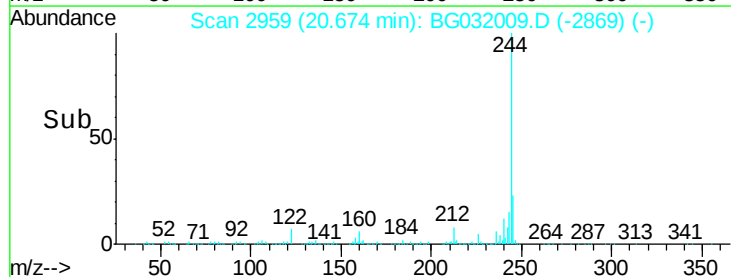
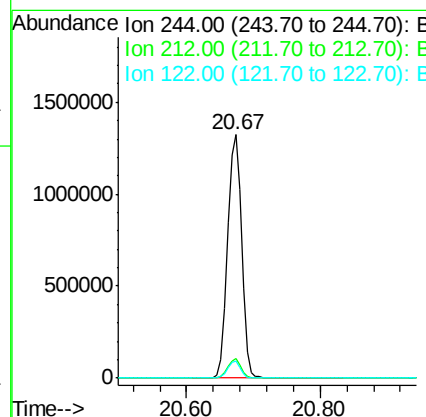
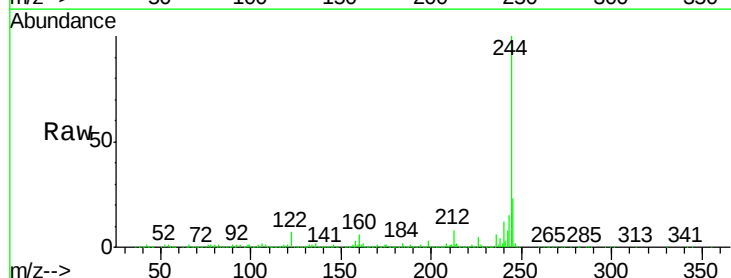
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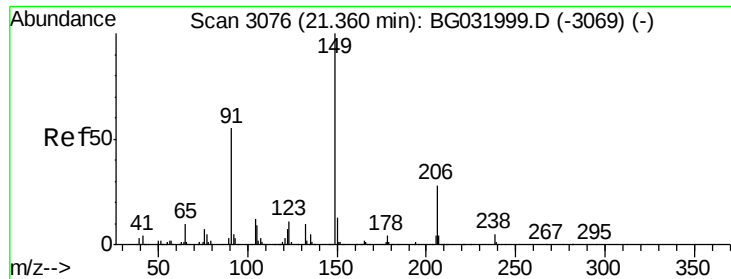
Sohil
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#78
 Terphenyl-d14
 Concen: 93.571 ng
 RT: 20.67 min Scan# 2959
 Delta R.T. 0.00 min
 Lab File: BG032009.D
 Acq: 12 Jan 2018 19:23

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.1	5.8	8.8
122	7.2	7.0	10.4





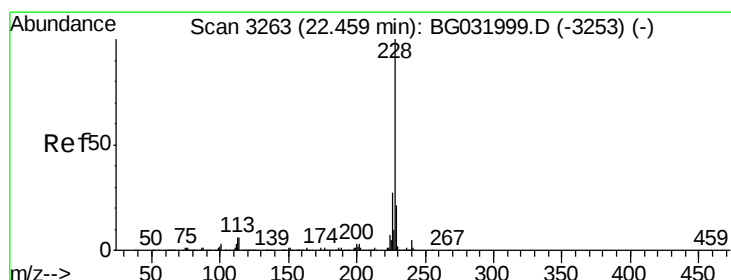
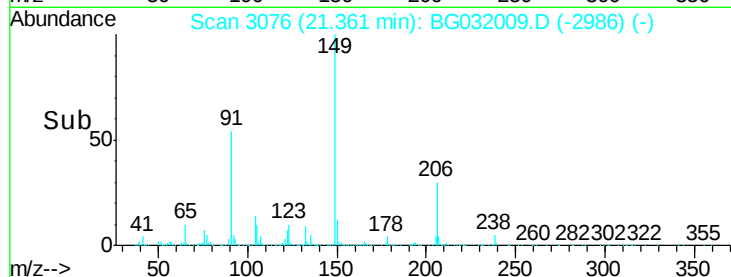
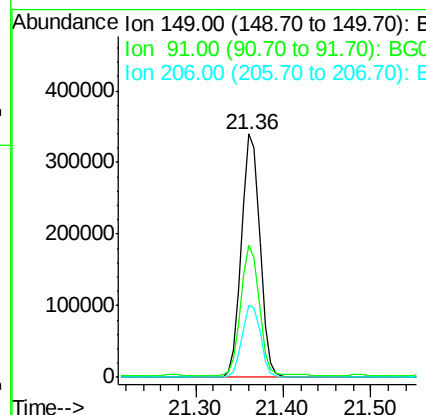
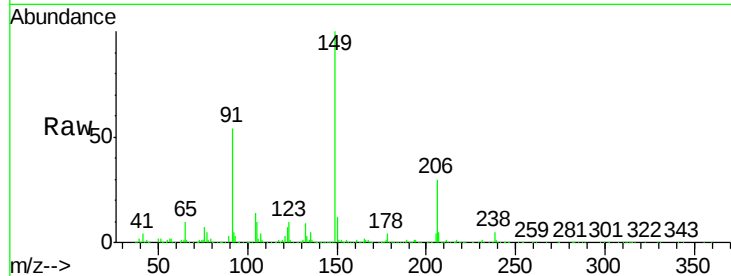
#79
Butylbenzylphthalate
Concen: 45.727 ng
RT: 21.36 min Scan# 3076
Delta R.T. 0.00 min
Lab File: BG032009.D
Acq: 12 Jan 2018 19:23

Instrument :
BNA_G
ClientSampleId :
BU-02-011118MS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	481970		
91	54.5	62.2	93.2#	
206	29.8	18.6	27.8#	

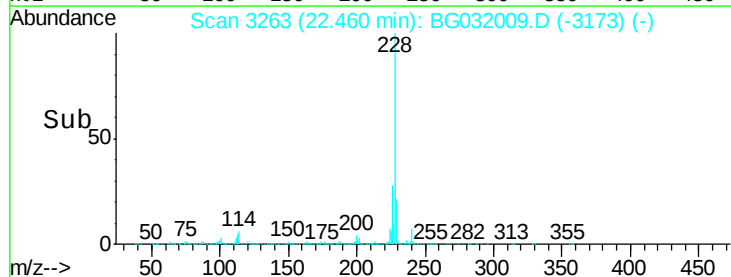
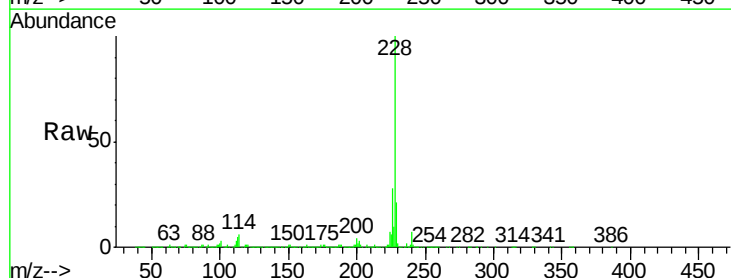
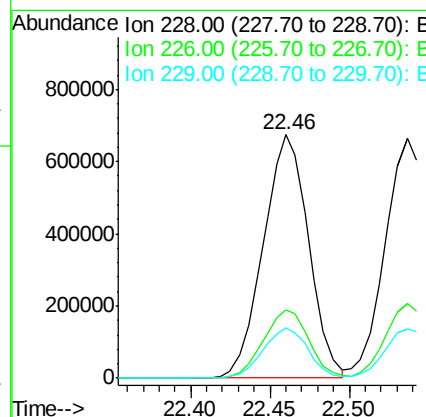
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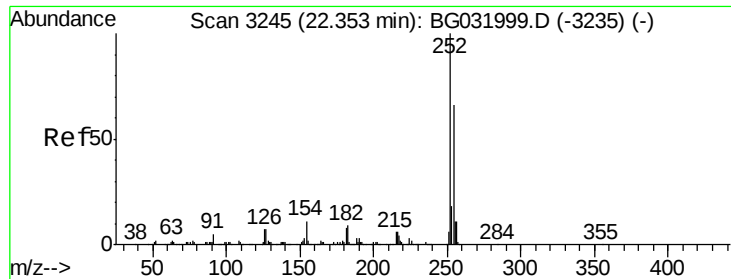
Sohil
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#80
Benzo(a)anthracene
Concen: 45.921 ng
RT: 22.46 min Scan# 3263
Delta R.T. 0.00 min
Lab File: BG032009.D
Acq: 12 Jan 2018 19:23

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1336465		
226	28.2	22.7	34.1	
229	20.9	16.2	24.2	





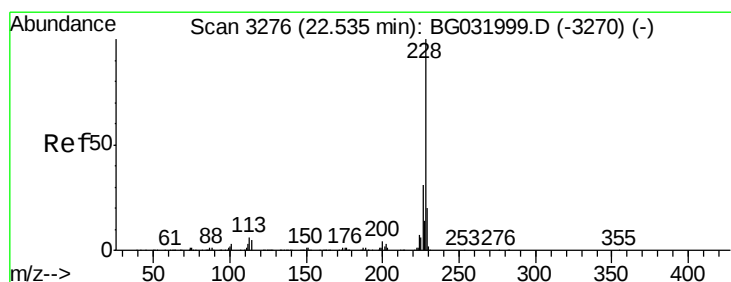
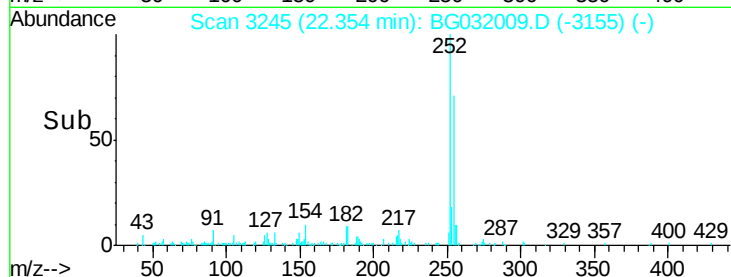
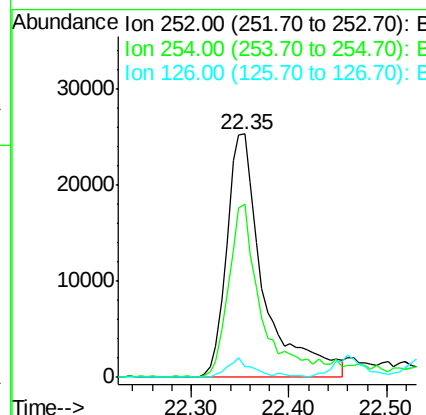
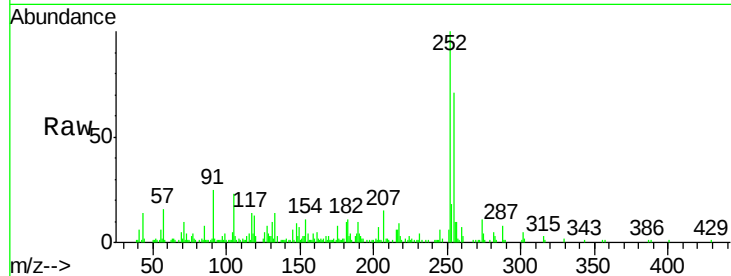
#81
 3,3'-Dichlorobenzidine
 Concen: 6.094 ng
 RT: 22.35 min Scan# 3245
 Delta R.T. 0.00 min
 Lab File: BG032009.D
 Acq: 12 Jan 2018 19:23

Instrument :
 BNA_G
 ClientSampleId :
 BU-02-011118MS

Tgt Ion	Ratio	Lower	Upper
252	100		
254	70.9	50.8	76.2
126	4.6	7.4	11.2

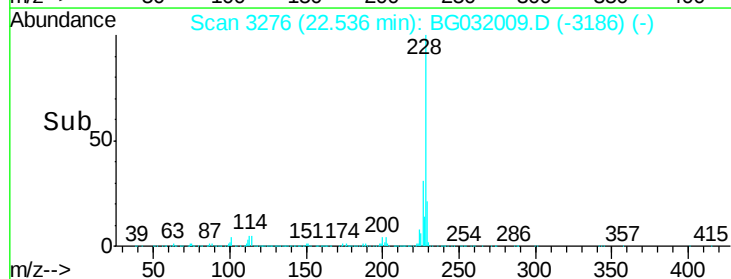
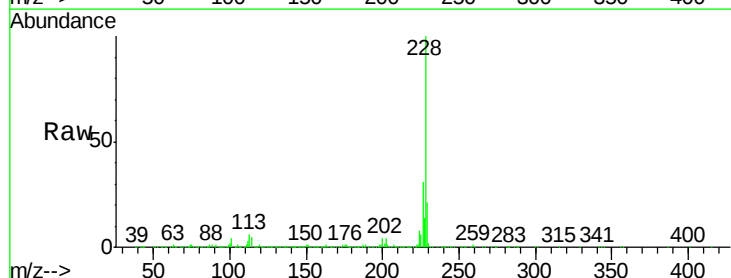
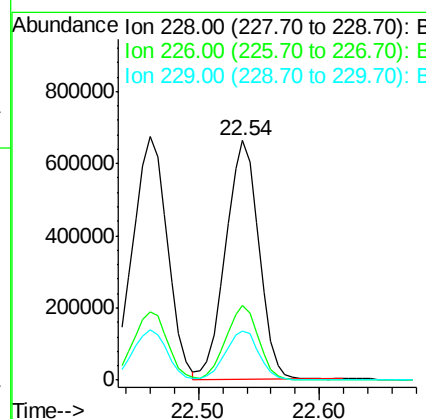
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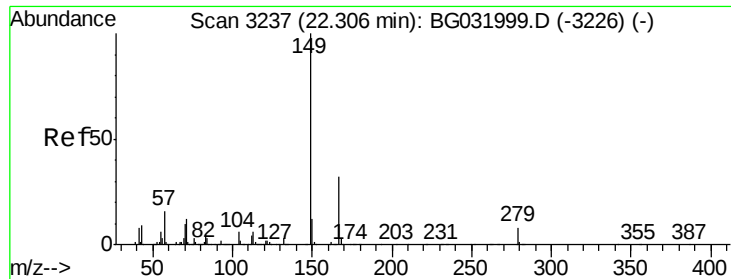
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#82
 Chrysene
 Concen: 45.191 ng
 RT: 22.54 min Scan# 3276
 Delta R.T. 0.00 min
 Lab File: BG032009.D
 Acq: 12 Jan 2018 19:23

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.9	37.3
229	20.6	15.0	22.4





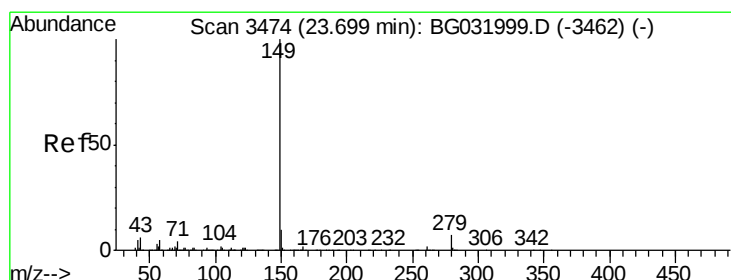
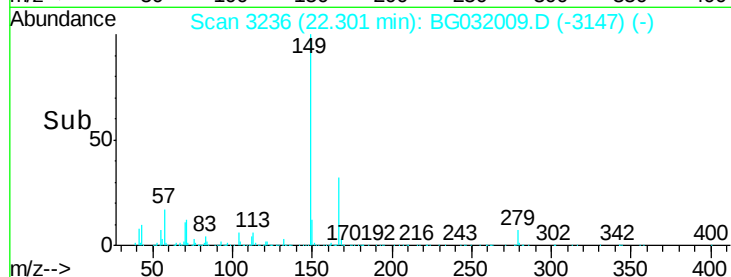
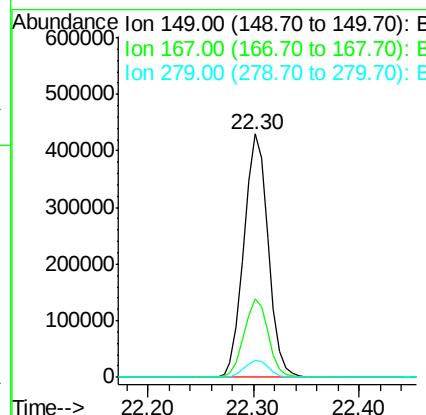
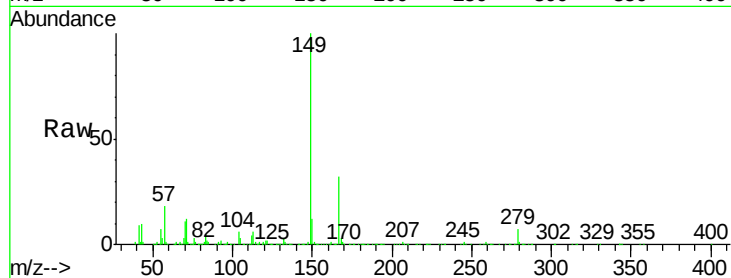
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.134 ng
 RT: 22.30 min Scan# 3236
 Delta R.T. -0.00 min
 Lab File: BG032009.D
 Acq: 12 Jan 2018 19:23

Instrument :
 BNA_G
 ClientSampleId :
 BU-02-011118MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	32.4	24.3	36.5
279	7.1	4.0	6.0

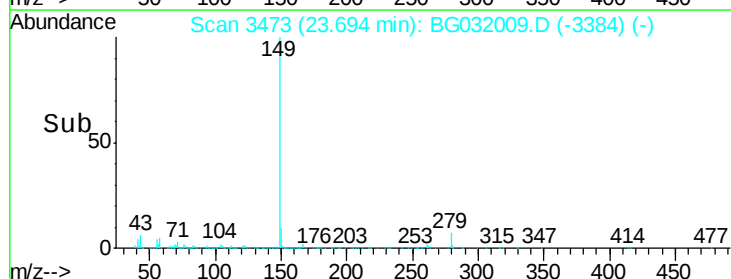
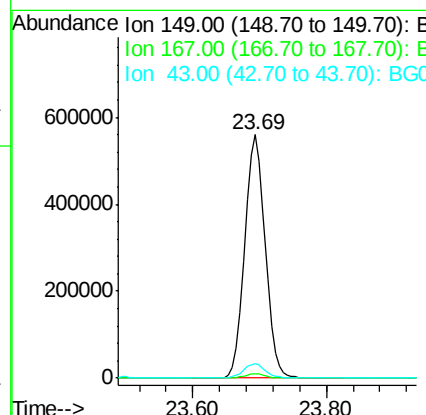
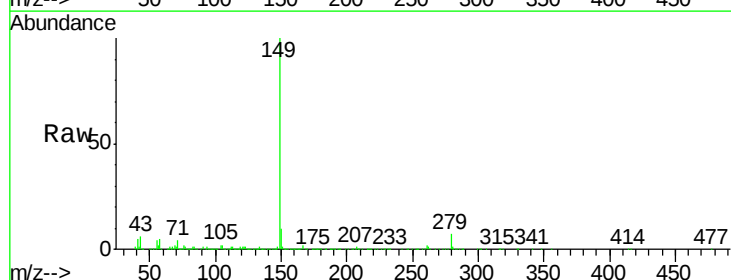
Manual Integrations
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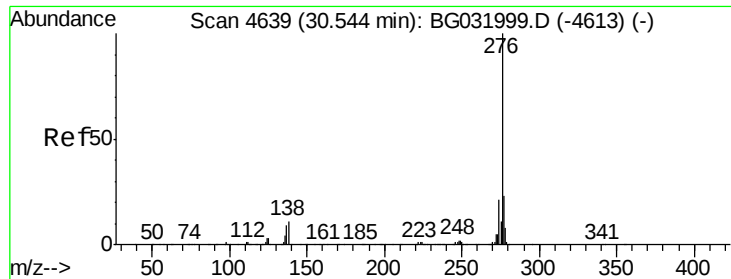
Sohil
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#84
 Di-n-octyl phthalate
 Concen: 48.238 ng
 RT: 23.69 min Scan# 3473
 Delta R.T. -0.00 min
 Lab File: BG032009.D
 Acq: 12 Jan 2018 19:23

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	1.8	1.4	2.0
43	5.9	8.9	13.3





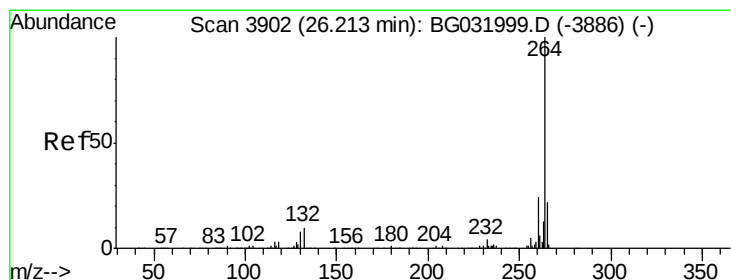
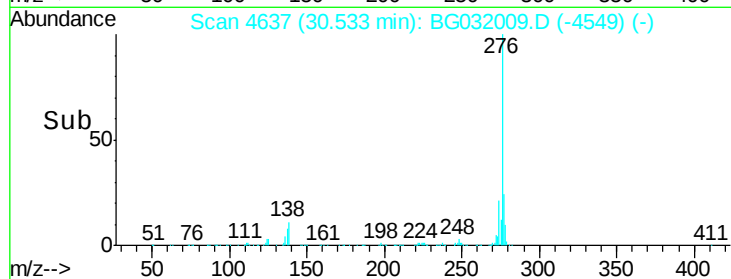
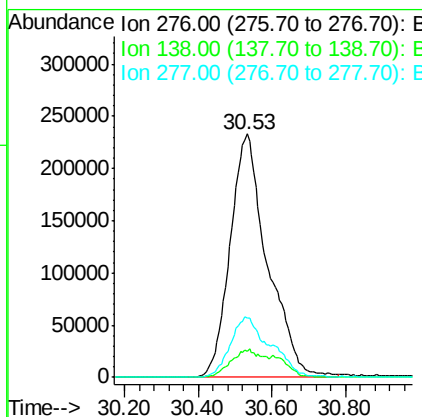
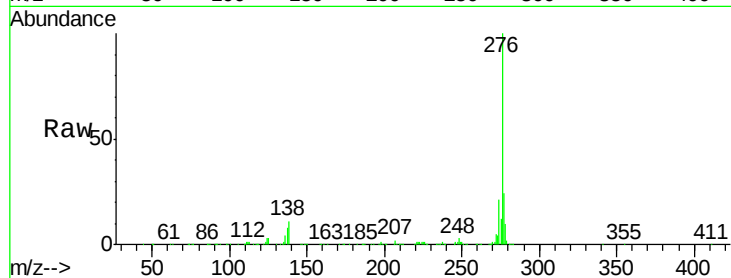
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 47.880 ng
 RT: 30.53 min Scan# 4637
 Delta R.T. -0.01 min
 Lab File: BG032009.D
 Acq: 12 Jan 2018 19:23

Instrument :
 BNA_G
 ClientSampleId :
 BU-02-011118MS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	10.0	16.0	24.0#
277	26.6	20.0	30.0

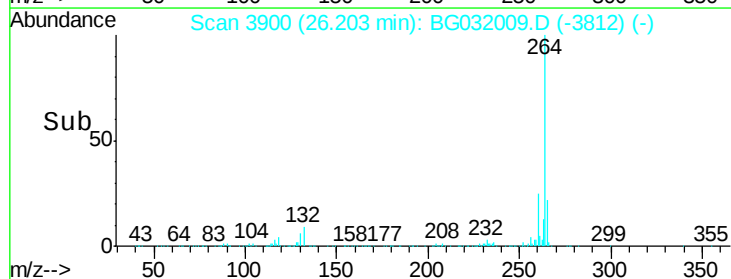
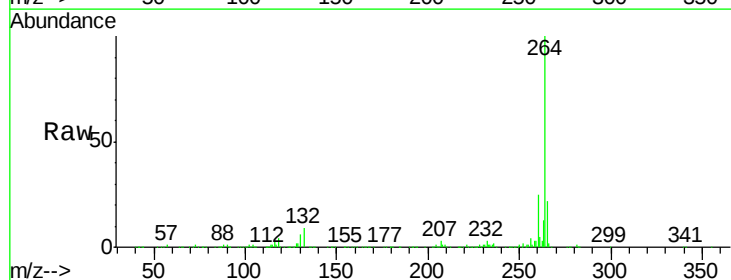
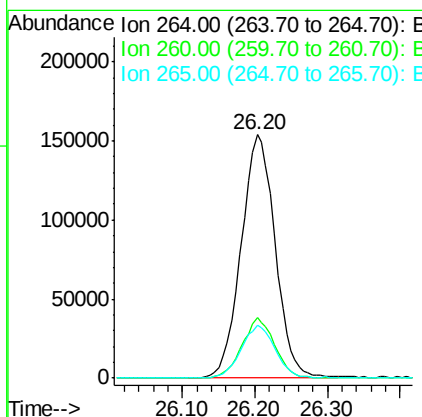
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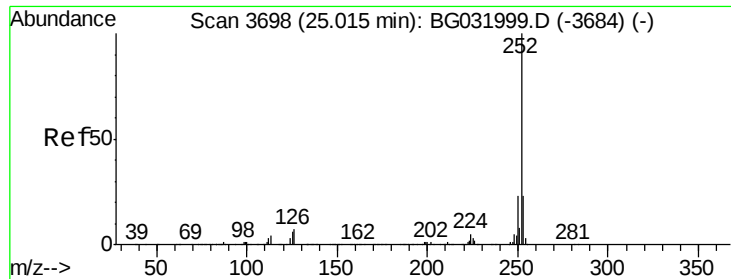
Sohil
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.20 min Scan# 3900
 Delta R.T. -0.01 min
 Lab File: BG032009.D
 Acq: 12 Jan 2018 19:23

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	17.4	26.0
265	21.5	17.7	26.5





#87

Benzo(b)fluoranthene

Concen: 47.851 ng

RT: 25.01 min Scan# 3697

Delta R.T. -0.00 min

Lab File: BG032009.D

Acq: 12 Jan 2018 19:23

Instrument :

BNA_G

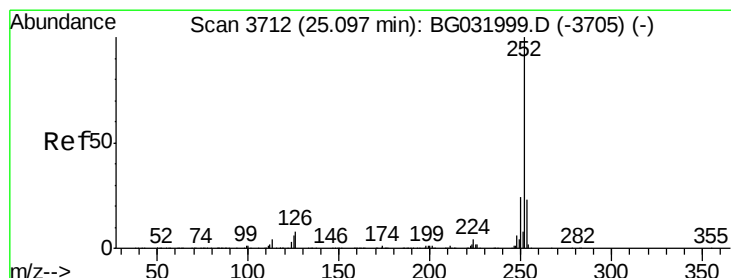
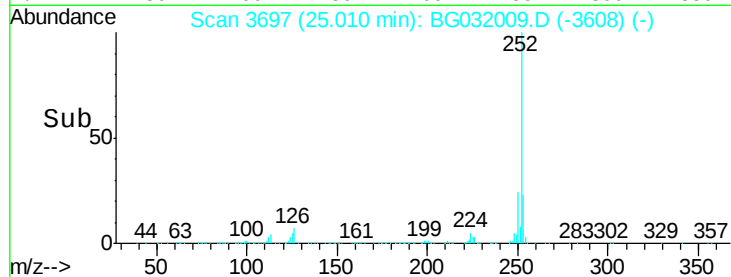
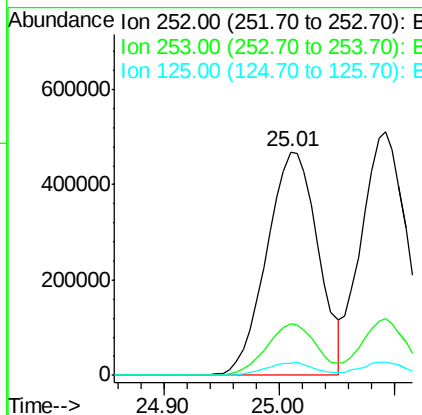
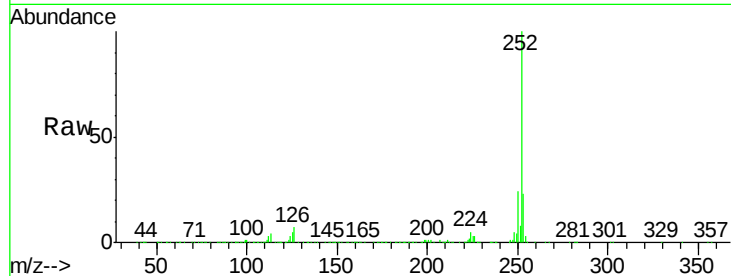
ClientSampleId :

BU-02-011118MS

Tgt Ion:	252	Resp:	1452494
Ion Ratio	Lower	Upper	
252	100		
253	22.8	18.2	27.4
125	5.4	7.2	10.8

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 47.711 ng

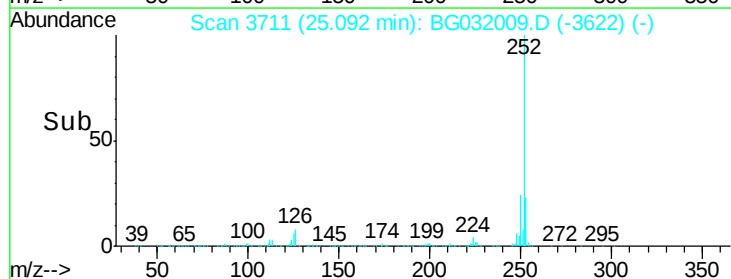
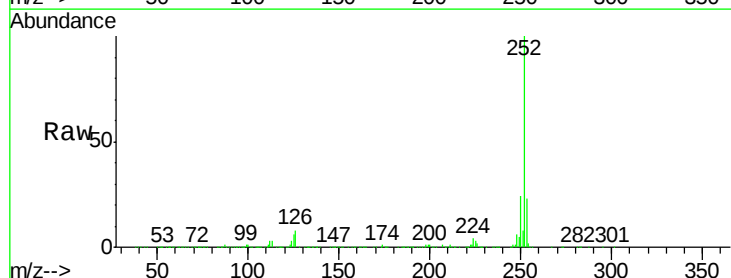
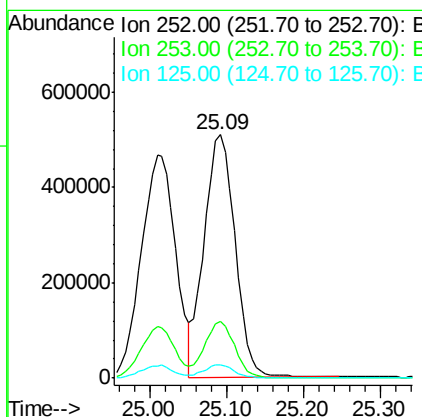
RT: 25.09 min Scan# 3711

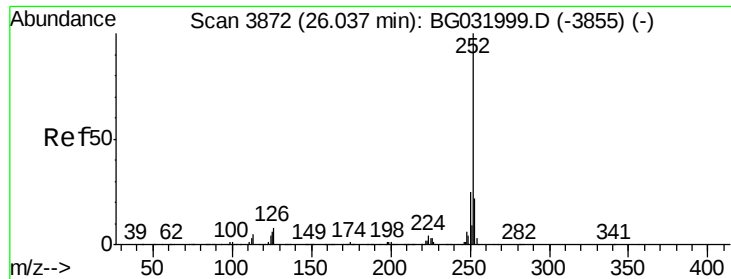
Delta R.T. -0.00 min

Lab File: BG032009.D

Acq: 12 Jan 2018 19:23

Tgt Ion:	252	Resp:	1415177
Ion Ratio	Lower	Upper	
252	100		
253	23.1	17.4	26.2
125	5.6	6.6	9.8





#89

Benzo(a)pyrene

Concen: 48.351 ng

RT: 26.03 min Scan# 3871

Delta R.T. -0.00 min

Lab File: BG032009.D

Acq: 12 Jan 2018 19:23

Instrument :

BNA_G

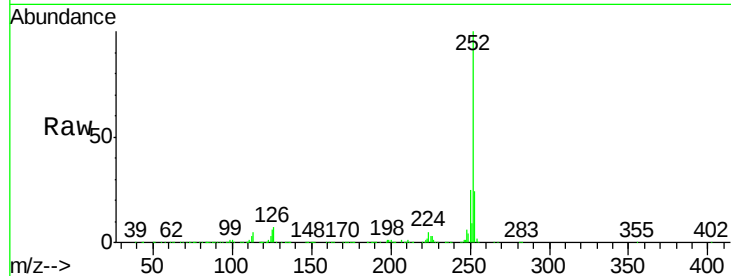
ClientSampleId :

BU-02-011118MS

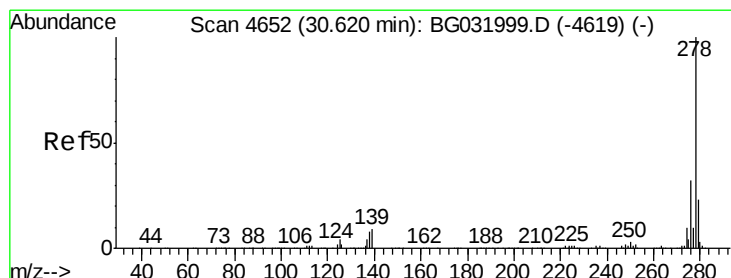
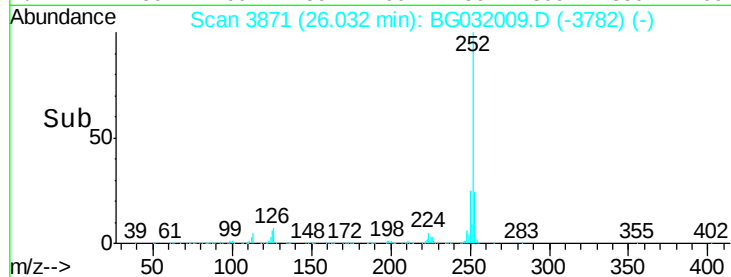
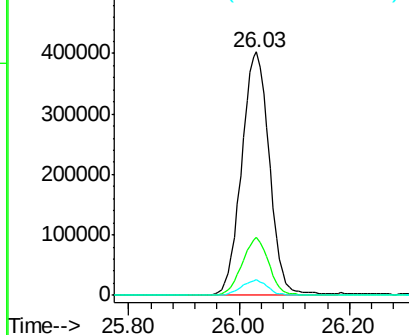
Tgt Ion:	252	Resp:	1388369
Ion Ratio	Lower	Upper	
252	100		
253	23.6	18.3	27.5
125	6.4	7.3	10.9#

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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: 49.082 ng

RT: 30.62 min Scan# 4651

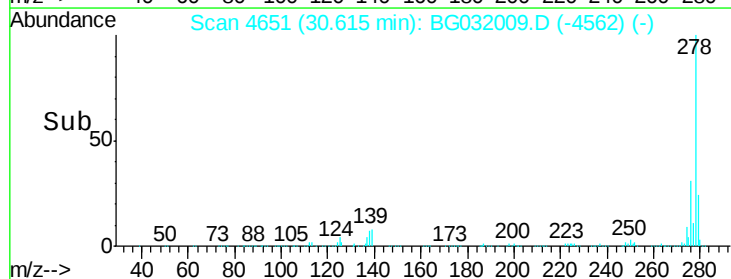
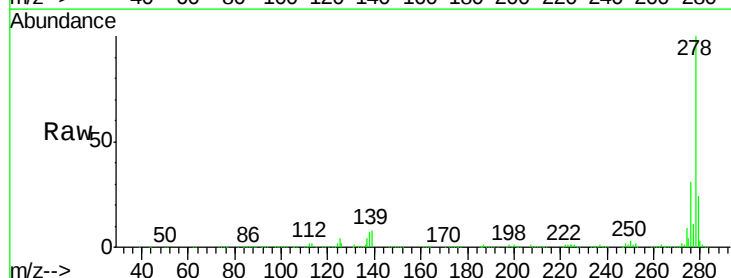
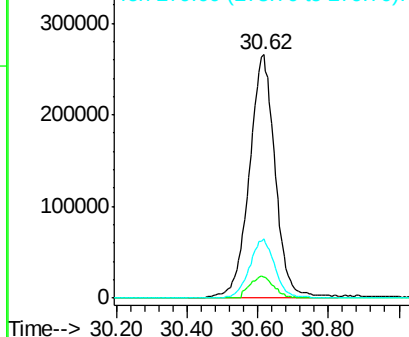
Delta R.T. -0.00 min

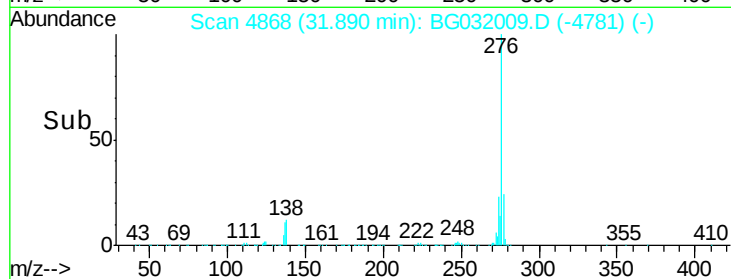
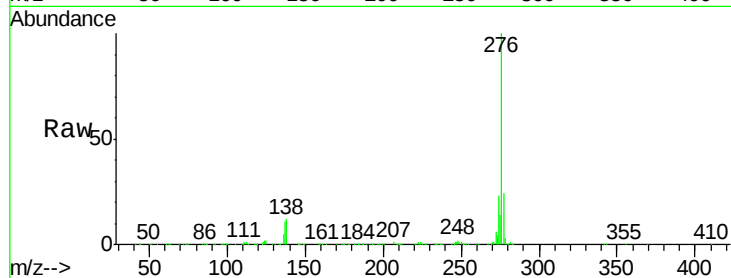
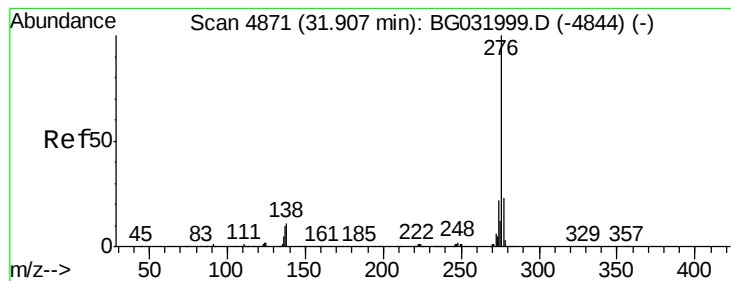
Lab File: BG032009.D

Acq: 12 Jan 2018 19:23

Tgt Ion:	278	Resp:	1358105
Ion Ratio	Lower	Upper	
278	100		
139	8.4	9.8	14.6#
279	24.2	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(g,h,i)perylene

Concen: 48.012 ng

RT: 31.89 min Scan# 4868

Delta R.T. -0.02 min

Lab File: BG032009.D

Acq: 12 Jan 2018 19:23

Instrument :

BNA_G

ClientSampleId :

BU-02-011118MS

Tgt Ion: 276 Resp: 1357845

Ion Ratio Lower Upper

276 100

277 23.8 18.3 27.5

138 11.7 13.9 20.9#

Manual Integrations

APPROVED

Sohil

1/15/2018 4:23:46 PM

