

Data Path : U:\HPCHEM1\BNA G\DATA\BG011118\
 Data File : BG031989.D
 Acq On : 11 Jan 2018 18:16
 Operator : SJ/JU
 Sample : J1013-02MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-010918MSD

Manual Integrations
 APPROVED

Sohil
 1/12/2018 10:39:24 AM

Quant Time: Jan 12 04:53:08 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 11 15:23:30 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	67781	20.00	ng	0.00
21) Naphthalene-d8	11.67	136	285119	20.00	ng	0.00
38) Acenaphthene-d10	15.41	164	196064	20.00	ng	0.00
63) Phenanthrene-d10	18.15	188	467059	20.00	ng	0.00
75) Chrysene-d12	22.48	240	506364	20.00	ng	0.00
86) Perylene-d12	26.20	264	534519	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.21	112	517159	138.97	ng	0.00
7) Phenol-d6	7.89	99	619844	128.29	ng	0.00
23) Nitrobenzene-d5	9.98	82	400276	106.01	ng	0.00
41) 2,4,6-Tribromophenol	16.89	330	462656	154.65	ng	0.00
44) 2-Fluorobiphenyl	14.04	172	1398317	89.52	ng	0.00
78) Terphenyl-d14	20.67	244	2183208	98.50	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.87	88	55018	39.883	ng	# 77
3) Pyridine	4.33	79	121146	32.854	ng	# 78
4) n-Nitrosodimethylamine	4.23	42	72447	48.689	ng	# 88
6) Aniline	8.08	93	62072	9.985	ng	94
8) 2-Chlorophenol	8.33	128	222386	51.517	ng	83
9) Benzaldehyde	7.88	77	24890	8.555	ng	# 84
10) Phenol	7.92	94	228447	46.832	ng	94
11) bis(2-Chloroethyl)ether	8.17	93	181442	44.788	ng	# 82
12) 1,3-Dichlorobenzene	8.67	146	251901	46.991	ng	# 93
13) 1,4-Dichlorobenzene	8.82	146	255510	46.660	ng	96
14) 1,2-Dichlorobenzene	9.15	146	244547	47.130	ng	96
15) Benzyl Alcohol	9.02	79	184565	50.886	ng	90
16) 2,2'-oxybis(1-Chloropropan	9.32	45	188663	57.187	ng	81
17) 2-Methylphenol	9.22	107	177782	50.936	ng	96
18) Hexachloroethane	9.90	117	82594	49.800	ng	# 86
19) n-Nitroso-di-n-propylamine	9.60	70	144976	43.936	ng	# 82
20) 3+4-Methylphenols	9.55	107	242167	48.818	ng	95
22) Acetophenone	9.63	105	322311	48.657	ng	# 88
24) Nitrobenzene	10.03	77	211163	54.263	ng	# 81
25) Isophorone	10.55	82	404702	49.790	ng	# 85
26) 2-Nitrophenol	10.75	139	137011	67.150	ng	# 83
27) 2,4-Dimethylphenol	10.78	122	235334	54.812	ng	91
28) bis(2-Chloroethoxy)methane	11.03	93	255309	46.812	ng	# 94
29) 2,4-Dichlorophenol	11.29	162	275337	54.626	ng	89
30) 1,2,4-Trichlorobenzene	11.52	180	297918	48.408	ng	99
31) Naphthalene	11.72	128	786829	54.682	ng	99
32) Benzoic acid	10.93	122	153454	51.796	ng	# 78
33) 4-Chloroaniline	11.81	127	14994m	2.341	ng	
34) Hexachlorobutadiene	11.98	225	209179	49.509	ng	95
35) Caprolactam	12.57	113	71874	47.043	ng	# 48
36) 4-Chloro-3-methylphenol	12.88	107	251194	53.961	ng	# 81
37) 2-Methylnaphthalene	13.28	142	580340	49.751	ng	92
39) 1,2,4,5-Tetrachlorobenzene	13.63	216	407439	49.336	ng	# 96
40) Hexachlorocyclopentadiene	13.60	237	519397	119.220	ng	94

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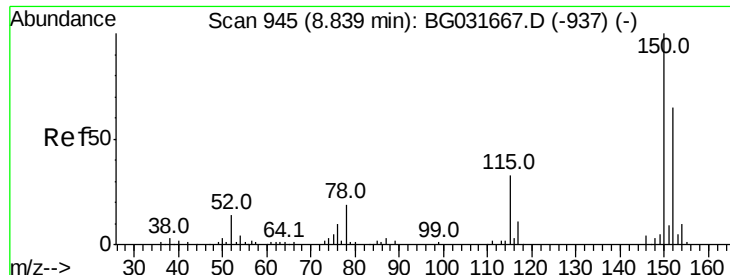
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.86	196	261919	55.008	nq	99
43) 2,4,5-Trichlorophenol	13.93	196	283686m	53.762	nq	
45) 1,1'-Biphenyl	14.25	154	822093	49.093	nq	94
46) 2-Chloronaphthalene	14.30	162	620564	48.584	nq	95
47) 2-Nitroaniline	14.49	65	135382	61.370	nq	# 67
48) Acenaphthylene	15.14	152	935335	45.772	nq	98
49) Dimethylphthalate	14.84	163	831941	48.166	nq	# 99
50) 2,6-Dinitrotoluene	14.97	165	190283	59.885	nq	# 65
51) Acenaphthene	15.48	154	715164	53.438	nq	97
52) 3-Nitroaniline	15.30	138	31357	10.115	nq	# 72
53) 2,4-Dinitrophenol	15.50	184	222829	156.958	nq	# 53
54) Dibenzofuran	15.81	168	991711	48.341	nq	100
55) 4-Nitrophenol	15.58	139	259736	102.941	nq	# 72
56) 2,4-Dinitrotoluene	15.75	165	266427	65.208	nq	# 64
57) Fluorene	16.45	166	791380	47.486	nq	97
58) 2,3,4,6-Tetrachlorophenol	16.02	232	291337	56.590	nq	# 85
59) Diethylphthalate	16.18	149	818742	48.634	nq	95
60) 4-Chlorophenyl-phenylether	16.42	204	490400	48.092	nq	93
61) 4-Nitroaniline	16.45	138	112637	37.233	nq	80
62) Azobenzene	16.72	77	522083	48.357	nq	84
64) 4,6-Dinitro-2-methylphenol	16.50	198	151517	63.451	nq	# 69
65) n-Nitrosodiphenylamine	16.64	169	737648	47.553	nq	99
66) 4-Bromophenyl-phenylether	17.32	248	352550	52.199	nq	93
67) Hexachlorobenzene	17.45	284	357295	51.750	nq	# 91
68) Atrazine	17.56	200	301570	49.997	nq	97
69) Pentachlorophenol	17.78	266	486200	102.381	nq	99
70) Phenanthrene	18.19	178	1298526	49.127	nq	98
71) Anthracene	18.28	178	1315034	49.320	nq	98
72) Carbazole	18.53	167	1138404	48.239	nq	99
73) Di-n-butylphthalate	19.04	149	1274406	48.592	nq	98
74) Fluoranthene	20.14	202	1572841	48.496	nq	95
76) Benzidine	20.31	184	120331m	7.699	nq	
77) Pyrene	20.50	202	1587026	49.066	nq	96
79) Butylbenzylphthalate	21.37	149	571800	52.661	nq	# 75
80) Benzo(a)anthracene	22.46	228	1604943	49.827	nq	98
81) 3,3'-Dichlorobenzidine	22.35	252	197587	15.822	nq	# 95
82) Chrysene	22.53	228	1502658	49.306	nq	96
83) Bis(2-ethylhexyl)phthalate	22.30	149	781792	49.697	nq	# 98
84) Di-n-octyl phthalate	23.69	149	1313404	49.575	nq	# 88
85) Indeno(1,2,3-cd)pyrene	30.53	276	1981377	50.677	nq	# 87
87) Benzo(b)fluoranthene	25.01	252	1670381	50.343	nq	# 97
88) Benzo(k)fluoranthene	25.09	252	1648652	49.650	nq	# 95
89) Benzo(a)pyrene	26.04	252	1625617	51.157	nq	# 98
90) Dibenzo(a,h)anthracene	30.62	278	1611396	49.100	nq	# 96
91) Benzo(g,h,i)perylene	30.53	276	1981377	51.135	nq	# 93

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



#1

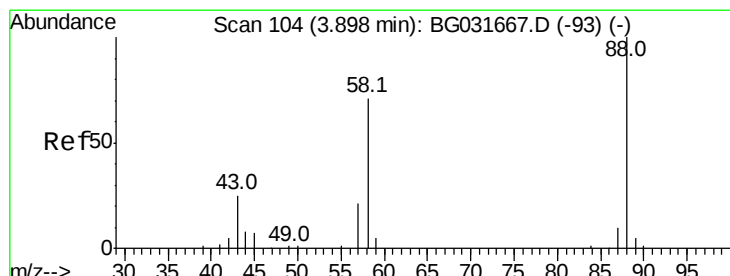
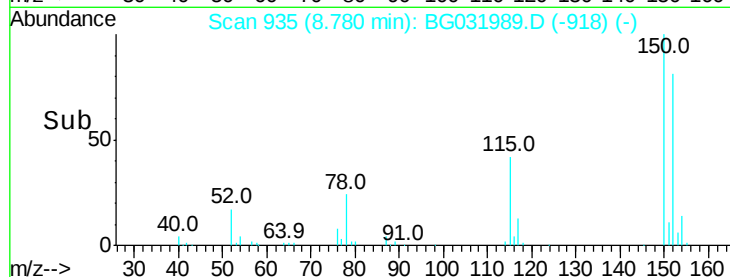
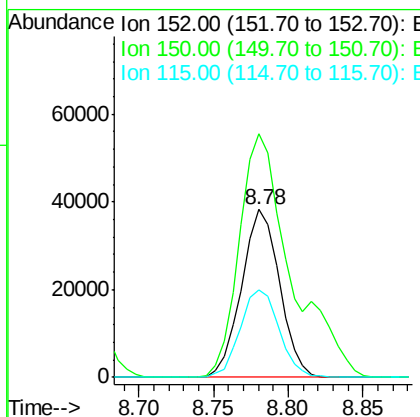
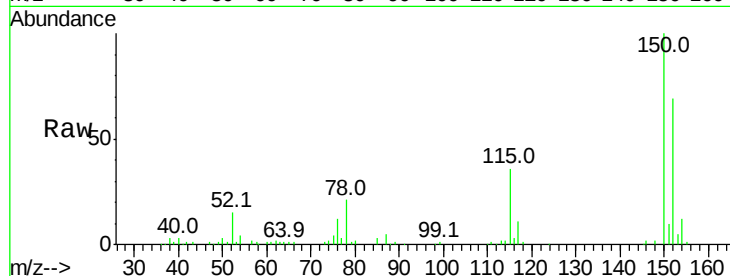
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.78 min Scan# 935
Delta R.T. -0.00 min
Lab File: BG031989.D
Acq: 11 Jan 2018 18:16

Instrument :
BNA_G
ClientSampleId :
NB-08-010918MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	145.0	126.6	189.8
115	52.1	53.0	79.4

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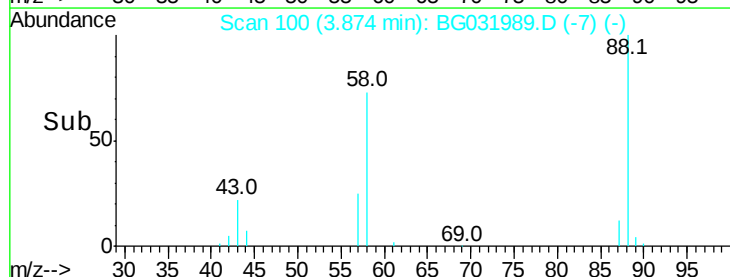
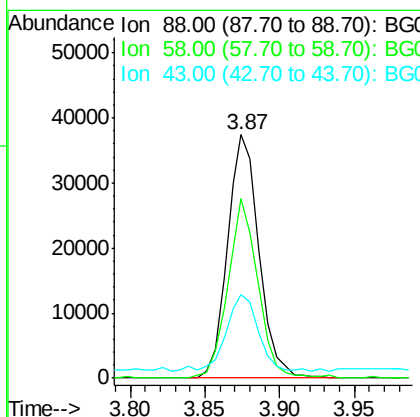
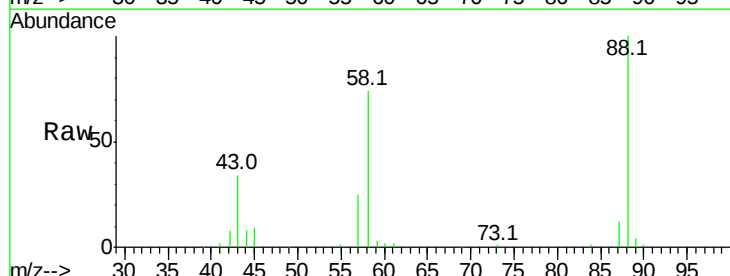
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#2

1,4-Dioxane
Concen: 39.883 ng
RT: 3.87 min Scan# 100
Delta R.T. 0.01 min
Lab File: BG031989.D
Acq: 11 Jan 2018 18:16

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.9	79.6	119.4
43	31.2	27.4	41.0





#3

Pvridine

Concen: 32.854 ng

RT: 4.33 min Scan# 177

Delta R.T. 0.01 min

Lab File: BG031989.D

Acq: 11 Jan 2018 18:16

Instrument :

BNA_G

ClientSampleId :

NB-08-010918MSD

Tot Ion: 79 Resp: 121146

Ion Ratio Lower Upper

79 100

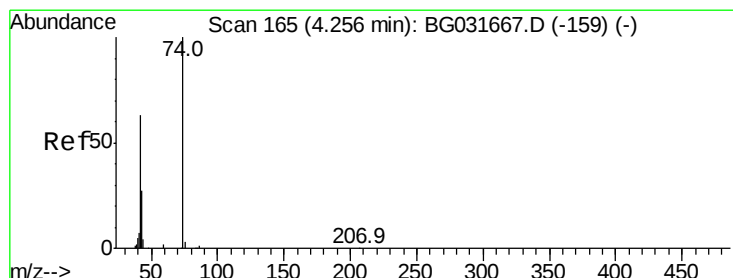
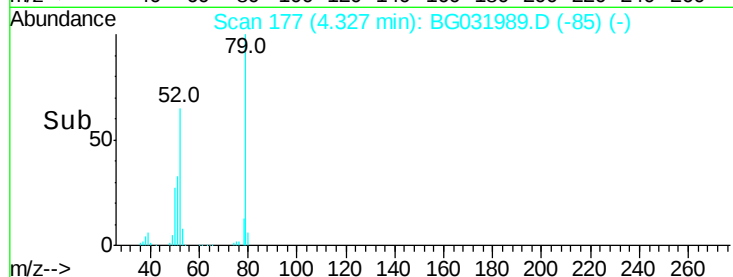
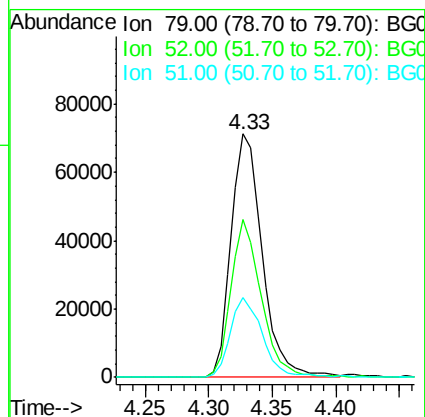
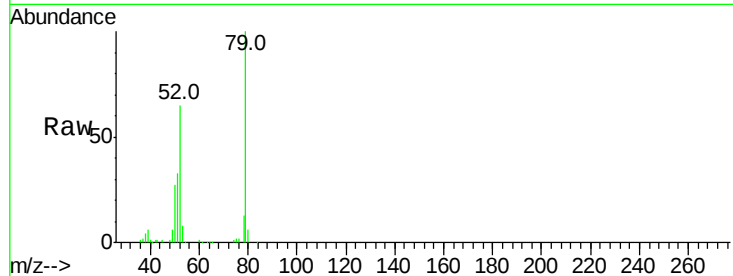
52 64.7 69.9 104.9#

51 32.5 34.0 51.0#

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 48.689 ng

RT: 4.23 min Scan# 160

Delta R.T. 0.00 min

Lab File: BG031989.D

Acq: 11 Jan 2018 18:16

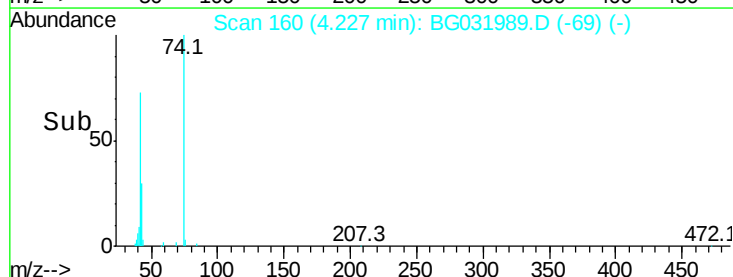
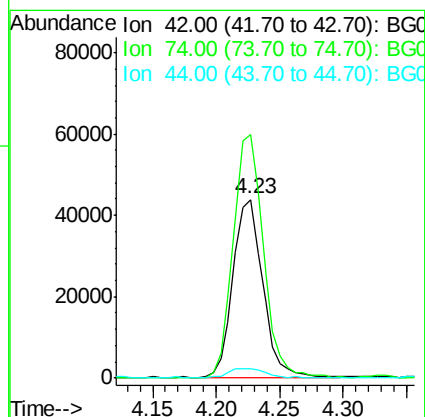
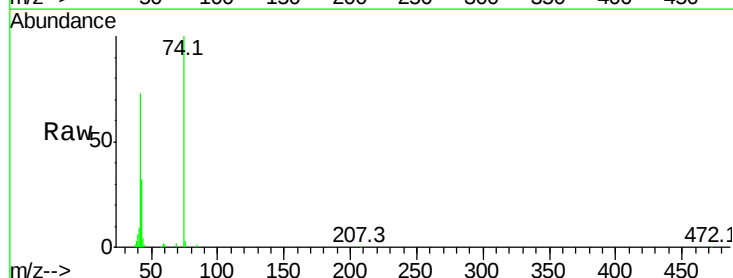
Tgt Ion: 42 Resp: 72447

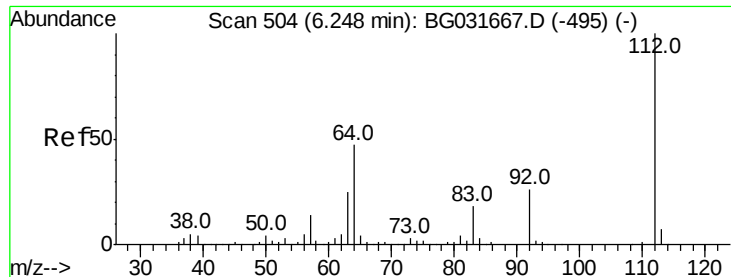
Ion Ratio Lower Upper

42 100

74 136.1 102.5 153.7

44 5.0 18.9 28.3#





#5

2-Fluorophenol

Concen: 138.969 ng

RT: 6.21 min Scan# 497

Delta R.T. 0.00 min

Lab File: BG031989.D

Acq: 11 Jan 2018 18:16

Instrument :

BNA_G

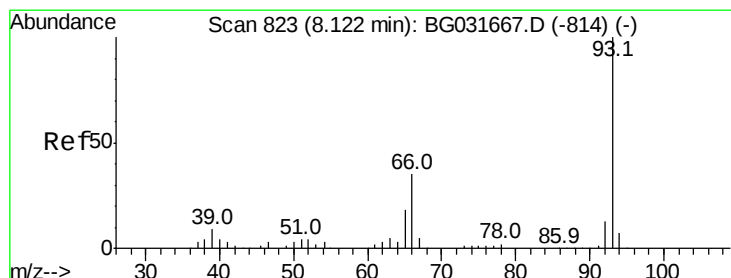
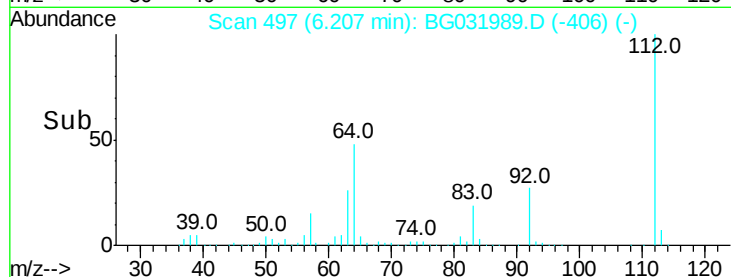
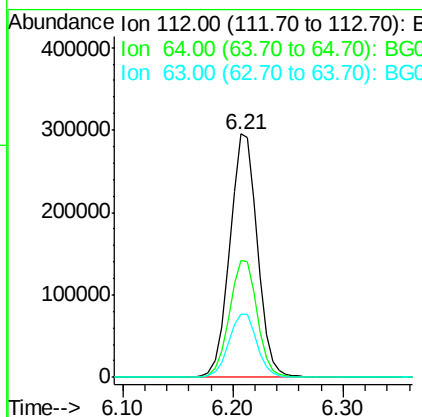
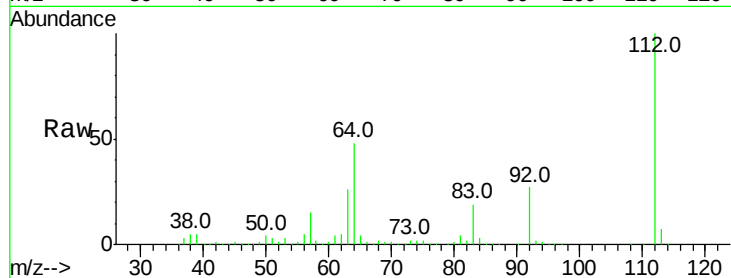
ClientSampleId :

NB-08-010918MSD

Tot Ion:	112	Resp:	517159
Ion Ratio	Lower	Upper	
112	100		
64	47.8	56.3	84.5#
63	26.1	30.1	45.1#

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#6

Aniline

Concen: 9.985 ng

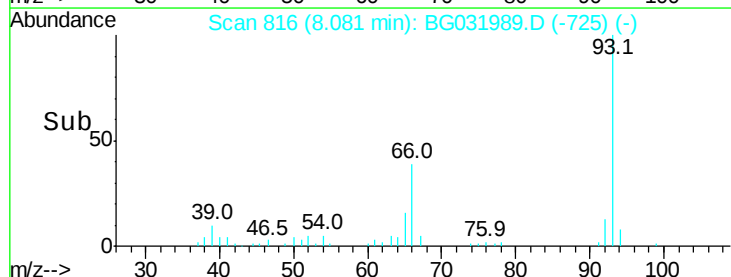
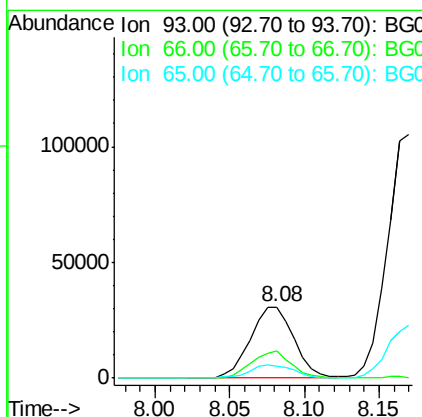
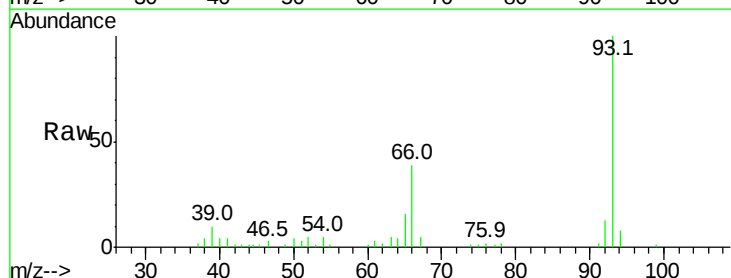
RT: 8.08 min Scan# 816

Delta R.T. 0.00 min

Lab File: BG031989.D

Acq: 11 Jan 2018 18:16

Tgt Ion:	93	Resp:	62072
Ion Ratio	Lower	Upper	
93	100		
66	38.9	33.7	50.5
65	16.3	16.1	24.1





#7

Phenol-d6

Concen: 128.289 ng

RT: 7.89 min Scan# 784

Delta R.T. 0.01 min

Lab File: BG031989.D

Acq: 11 Jan 2018 18:16

Instrument :

BNA_G

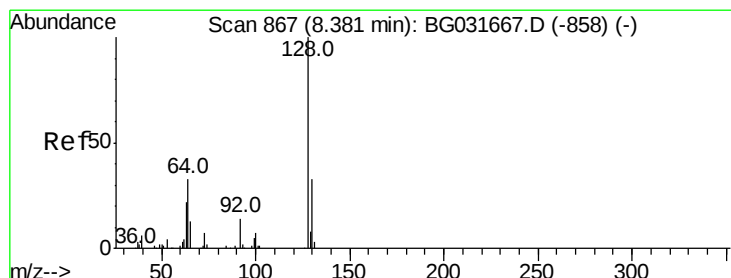
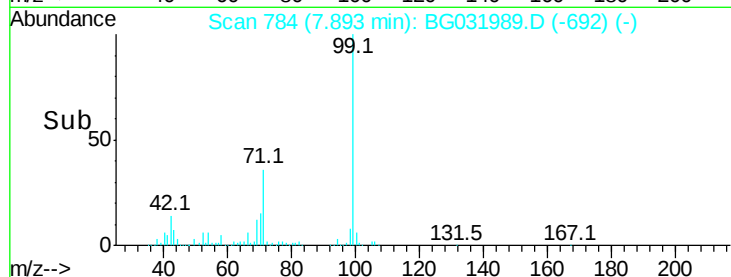
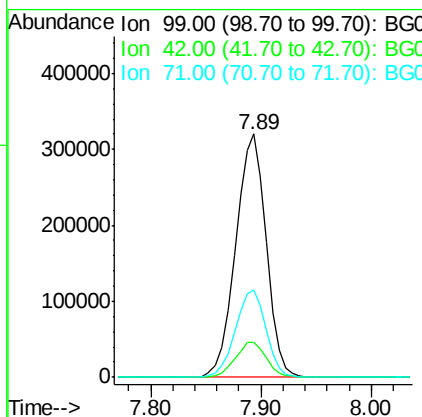
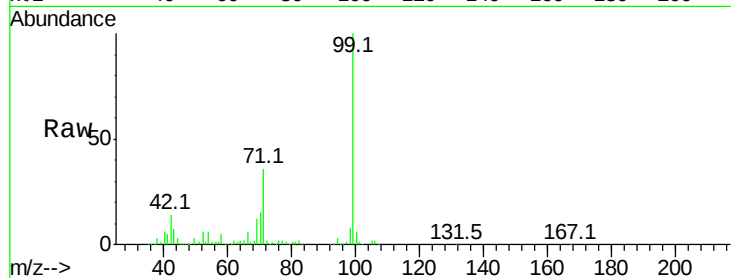
ClientSampleId :

NB-08-010918MSD

Tot Ion:	99	Resp:	619844
Ion Ratio	Lower	Upper	
99	100		
42	14.5	14.1	21.1
71	35.7	26.1	39.1

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#8

2-Chlorophenol

Concen: 51.517 ng

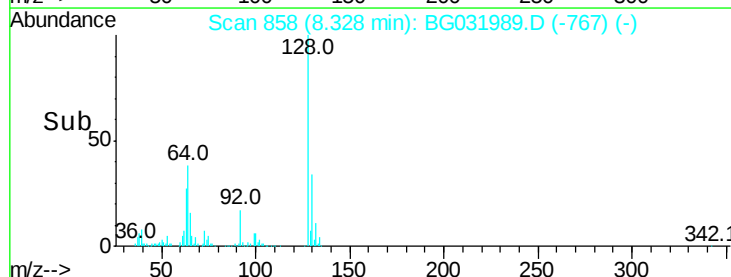
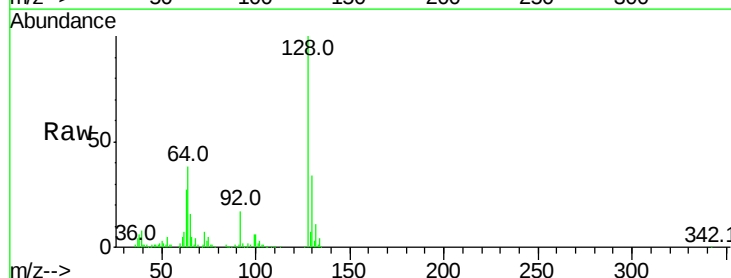
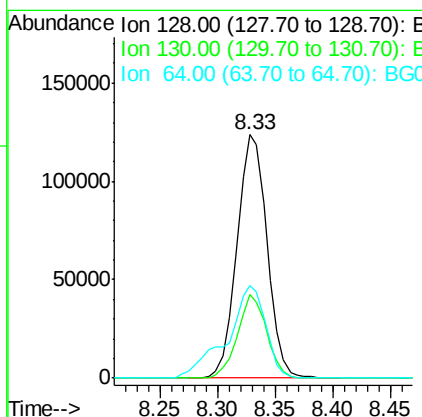
RT: 8.33 min Scan# 858

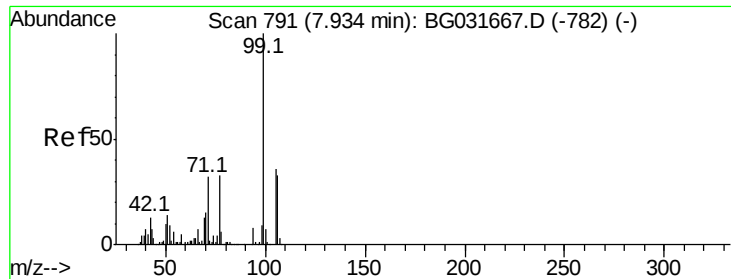
Delta R.T. 0.00 min

Lab File: BG031989.D

Acq: 11 Jan 2018 18:16

Tgt Ion:	128	Resp:	222386
Ion Ratio	Lower	Upper	
128	100		
130	34.1	14.0	54.0
64	38.2	37.7	77.7





#9

Benzaldehyd

Concen: 8.555 ng

RT: 7.88 min Scan# 782

Delta R.T. 0.00 min

Lab File: BG031989.D

Acq: 11 Jan 2018 18:16

Instrument :

BNA_G

ClientSampleId :

NB-08-010918MSD

Tot Ion: 77 Resp: 24890

Ion Ratio Lower Upper

77 100

105 112.6 71.3 111.3#

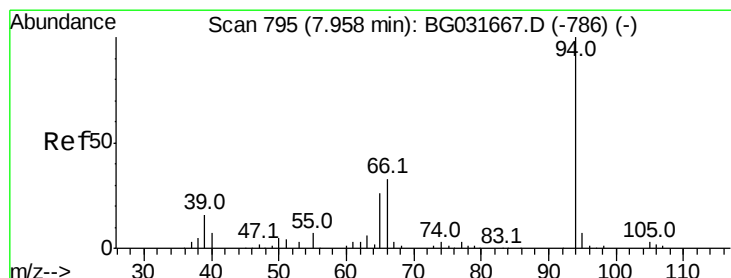
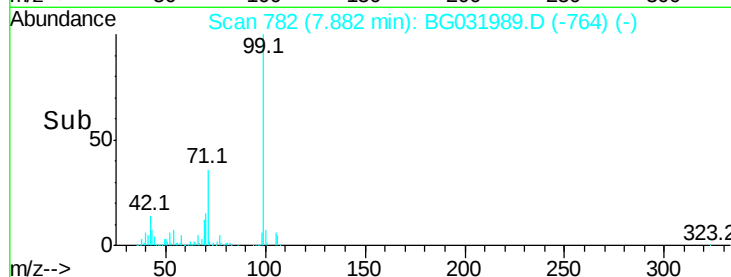
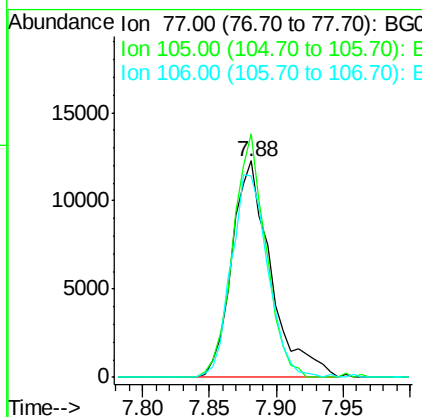
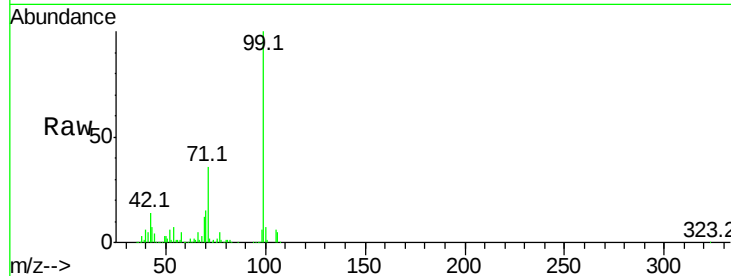
106 93.2 64.2 104.2

Manual Integrations

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#10

Phenol

Concen: 46.832 ng

RT: 7.92 min Scan# 788

Delta R.T. 0.00 min

Lab File: BG031989.D

Acq: 11 Jan 2018 18:16

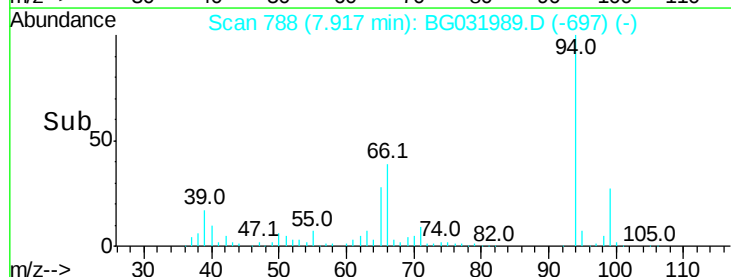
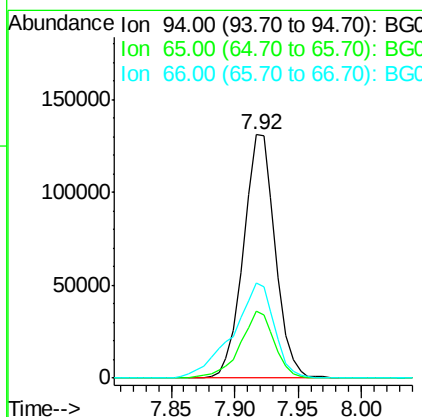
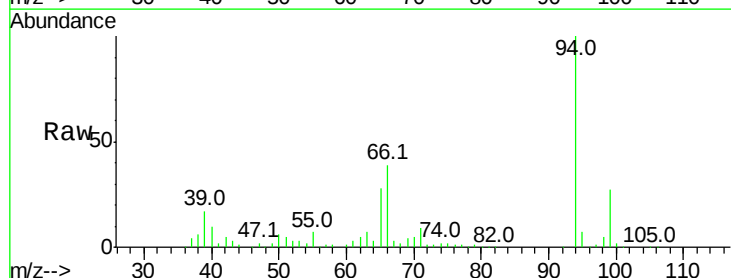
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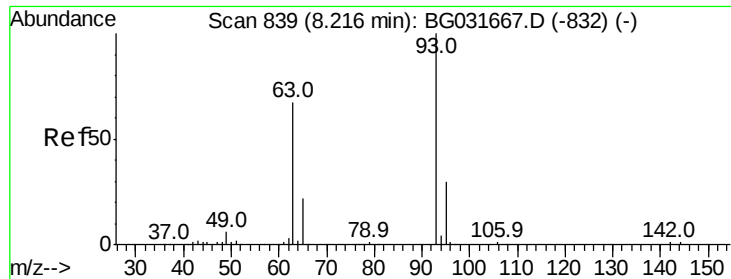
Ion Ratio Lower Upper

94 100

65 27.5 11.9 51.9

66 39.0 22.2 62.2





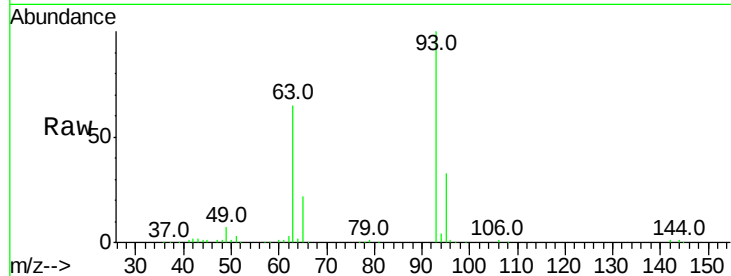
#11
bis(2-Chloroethyl)ether
Concen: 44.788 ng
RT: 8.17 min Scan# 831
Delta R.T. 0.00 min
Lab File: BG031989.D
Acq: 11 Jan 2018 18:16

Instrument :
BNA_G
ClientSampleId :
NB-08-010918MSD

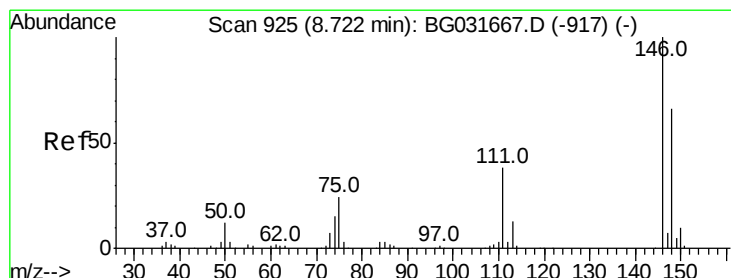
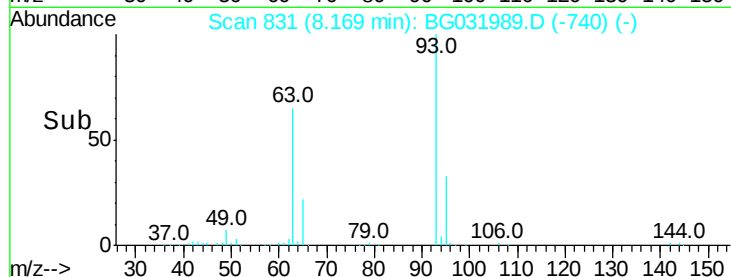
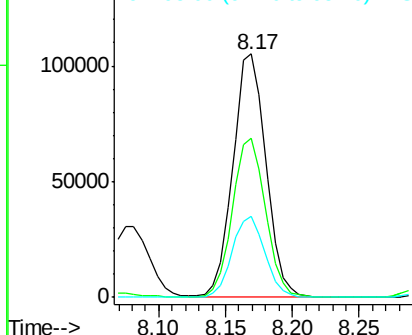
Tot Ion	Ratio	Lower	Upper
93	100		
63	65.2	67.1	107.1#
95	33.4	11.5	51.5

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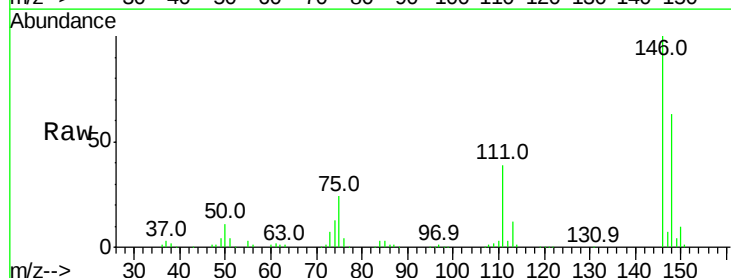


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

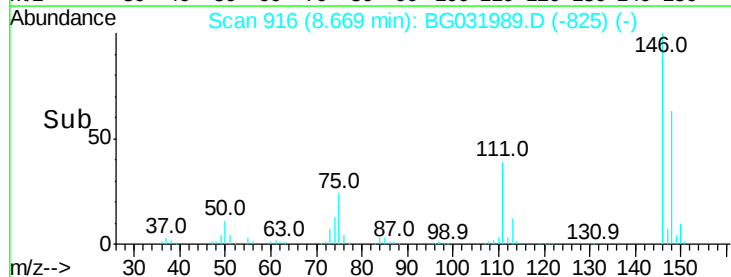
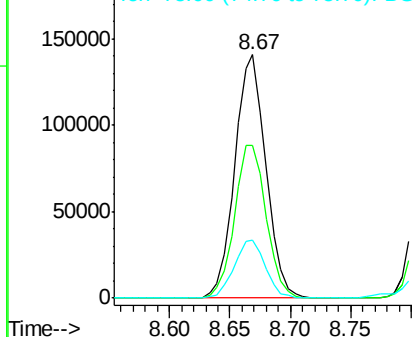


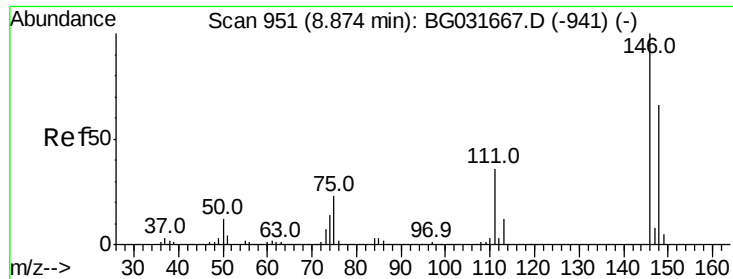
#12
1,3-Dichlorobenzene
Concen: 46.991 ng
RT: 8.67 min Scan# 916
Delta R.T. 0.00 min
Lab File: BG031989.D
Acq: 11 Jan 2018 18:16

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.5	51.4	77.2
75	23.8	26.6	39.8#



Abundance Ion 146.00 (145.70 to 146.70): BGC
Ion 148.00 (147.70 to 148.70): BGC
Ion 75.00 (74.70 to 75.70): BGC





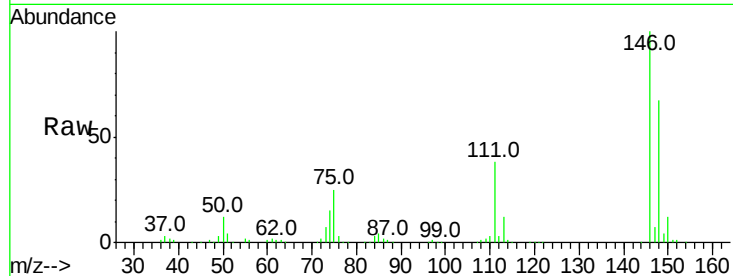
#13
 1,4-Dichlorobenzene
 Concen: 46.660 ng
 RT: 8.82 min Scan# 941
 Delta R.T. -0.00 min
 Lab File: BG031989.D
 Acq: 11 Jan 2018 18:16

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-010918MSD

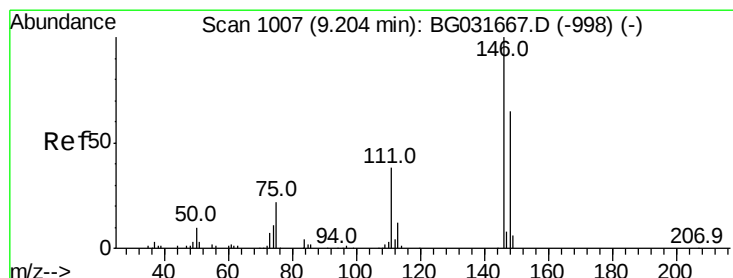
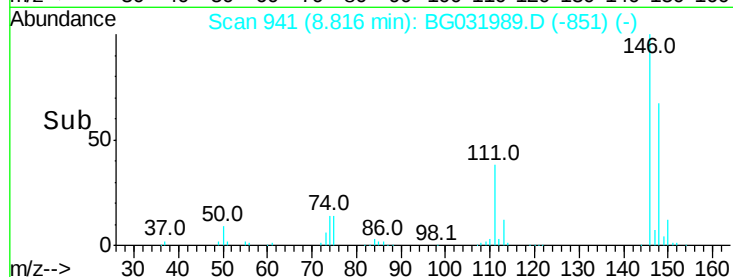
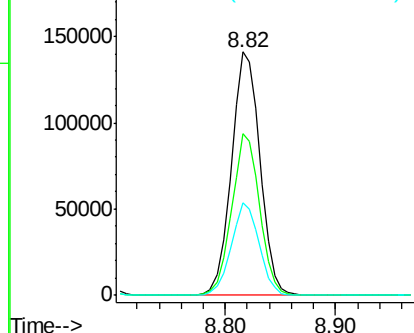
Tot Ion	Ratio	Lower	Upper
146	100		
148	66.5	53.7	80.5
111	38.2	35.2	52.8

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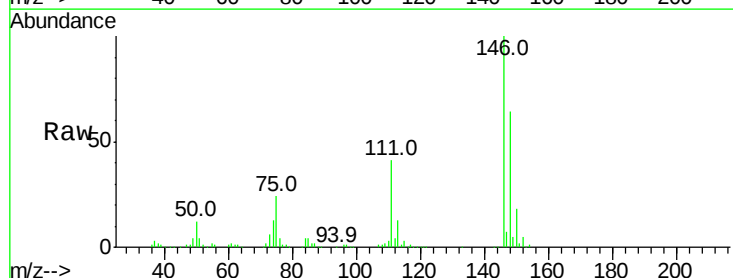


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

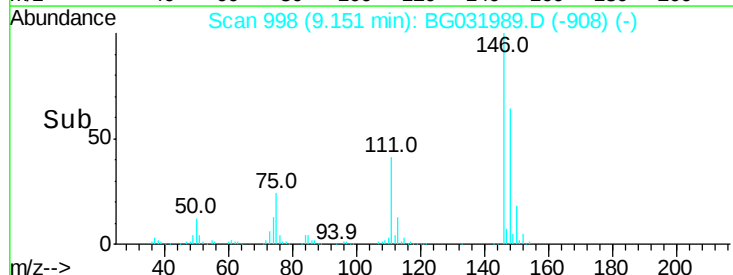
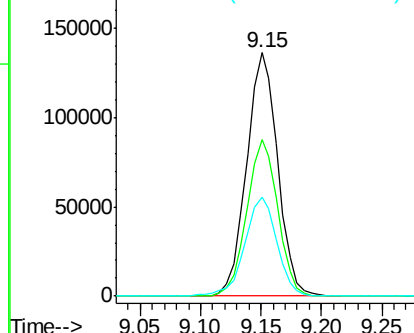


#14
 1,2-Dichlorobenzene
 Concen: 47.130 ng
 RT: 9.15 min Scan# 998
 Delta R.T. -0.00 min
 Lab File: BG031989.D
 Acq: 11 Jan 2018 18:16

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	49.3	73.9
111	40.5	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: 50.886 ng

RT: 9.02 min Scan# 975

Delta R.T. 0.00 min

Lab File: BG031989.D

Acq: 11 Jan 2018 18:16

Instrument :

BNA_G

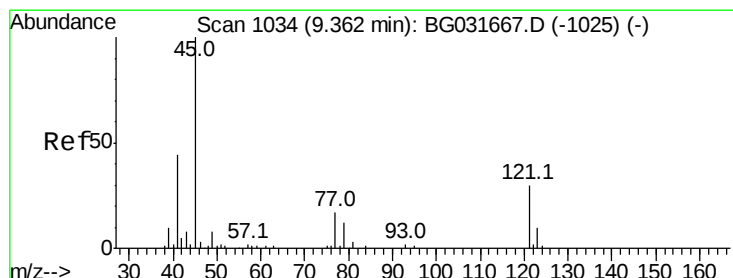
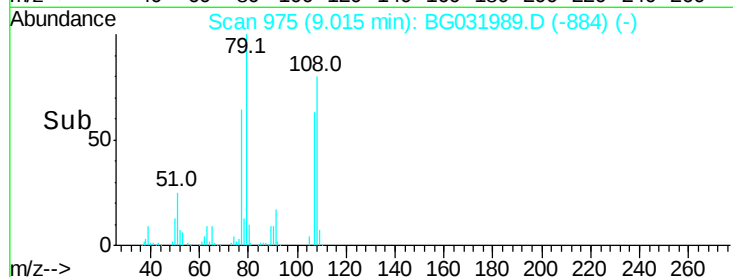
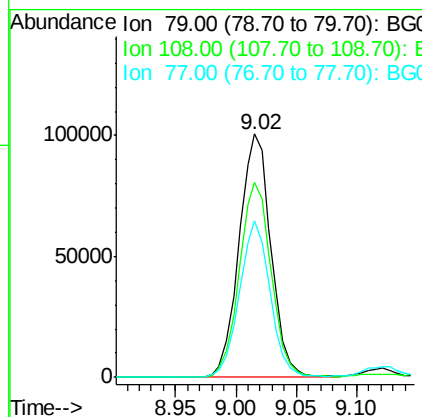
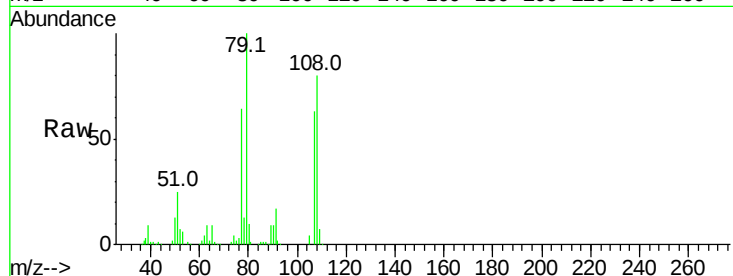
ClientSampleId :

NB-08-010918MSD

Tot Ion:	79	Resp:	184565
Ion Ratio	Lower	Upper	
79	100		
108	79.8	57.2	85.8
77	64.4	46.1	69.1

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 57.187 ng

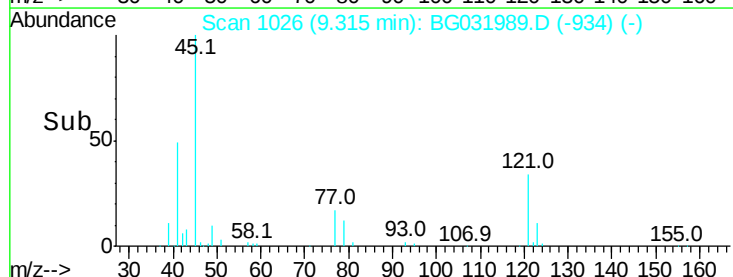
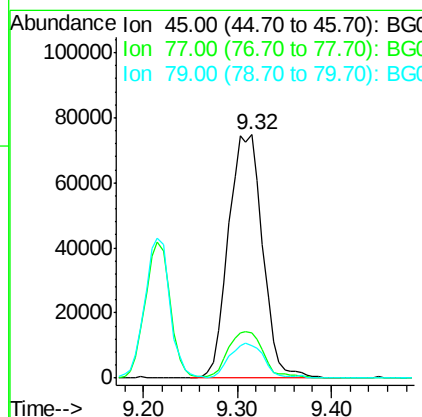
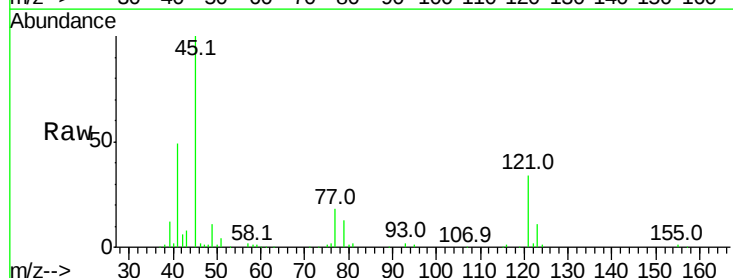
RT: 9.32 min Scan# 1026

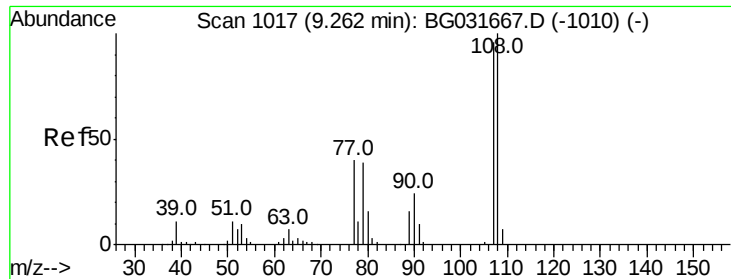
Delta R.T. 0.01 min

Lab File: BG031989.D

Acq: 11 Jan 2018 18:16

Tgt Ion:	45	Resp:	188663
Ion Ratio	Lower	Upper	
45	100		
77	18.4	0.0	30.2
79	13.4	0.0	27.9





#17

2-Methylphenol

Concen: 50.936 ng

RT: 9.22 min Scan# 1009

Delta R.T. 0.00 min

Lab File: BG031989.D

Acq: 11 Jan 2018 18:16

Instrument :

BNA_G

ClientSampleId :

NB-08-010918MSD

Tot Ion:107 Resp: 177782

Ion Ratio Lower Upper

107 100

108 110.8 83.9 125.9

77 43.2 37.2 55.8

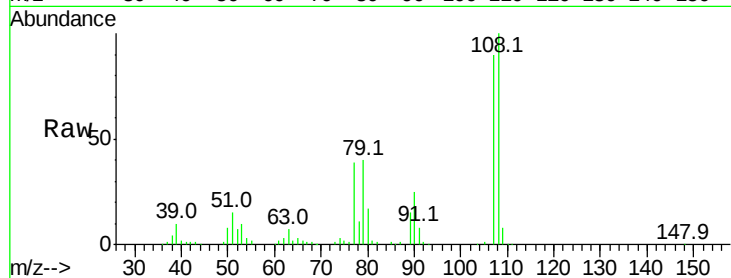
79 44.4 36.2 54.2

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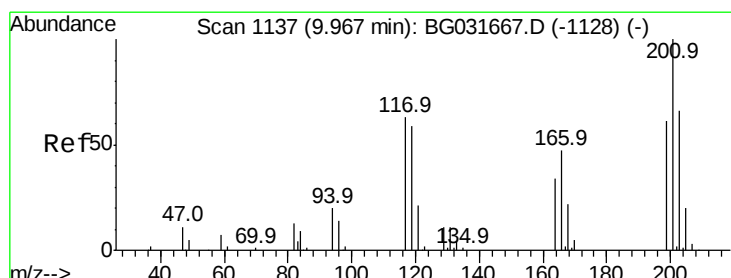
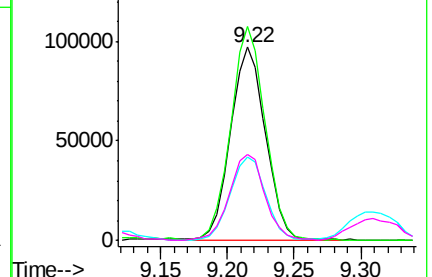
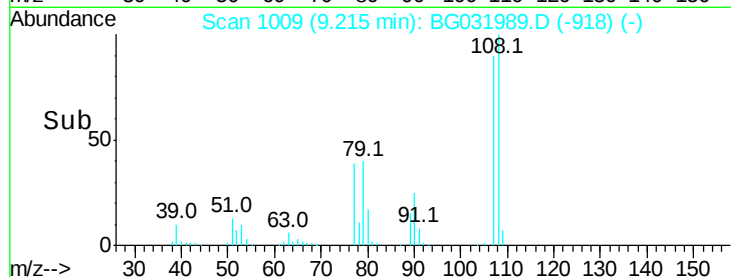


Abundance Ion 107.00 (106.70 to 107.70): E

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: 49.800 ng

RT: 9.90 min Scan# 1126

Delta R.T. -0.00 min

Lab File: BG031989.D

Acq: 11 Jan 2018 18:16

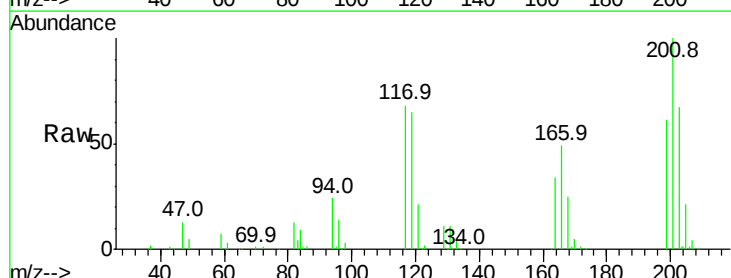
Tgt Ion:117 Resp: 82594

Ion Ratio Lower Upper

117 100

119 95.9 76.7 115.1

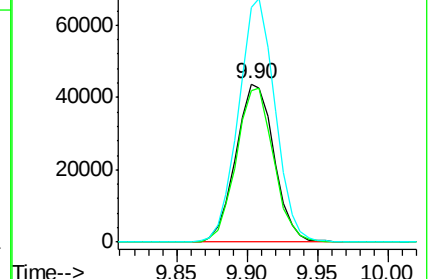
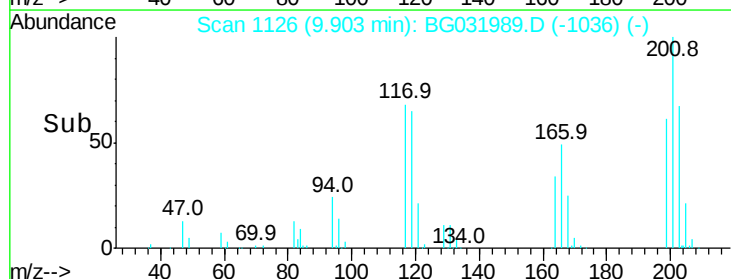
201 148.0 95.7 143.5#

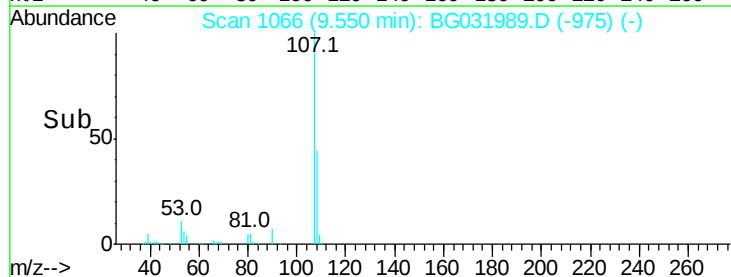
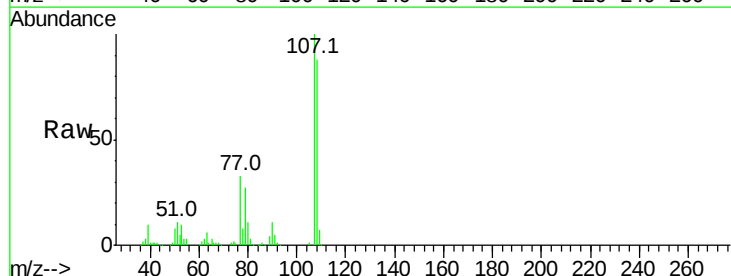
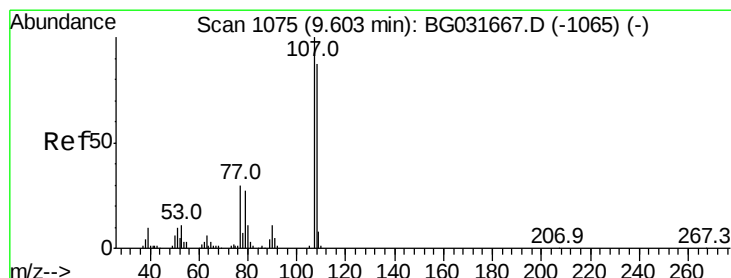
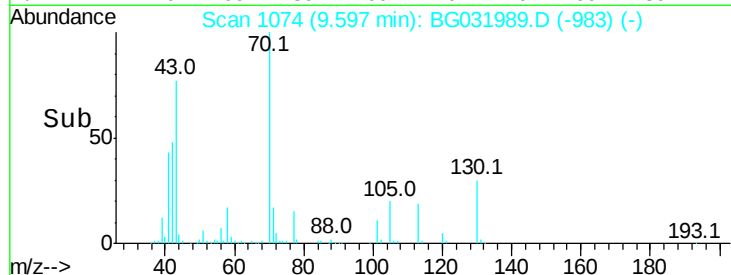
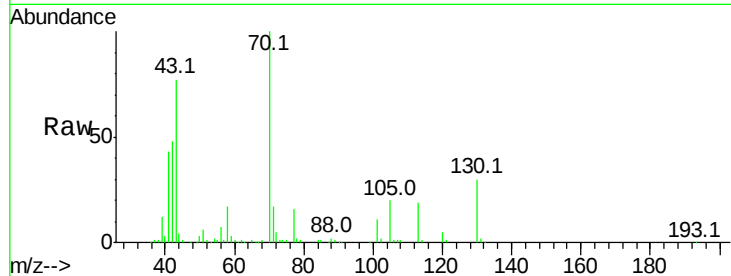
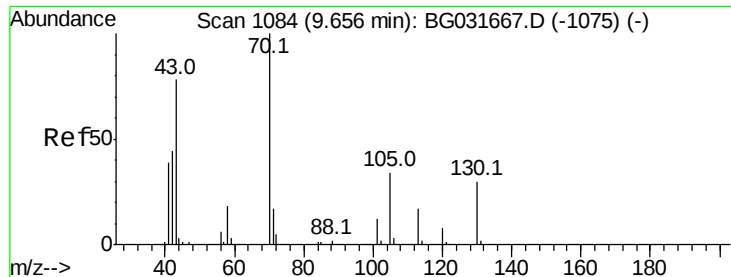


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





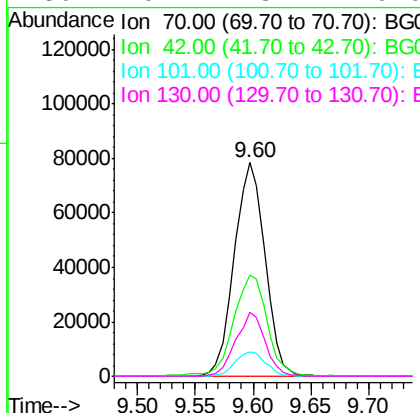
#19
n-Nitroso-di-n-propylamine
Concen: 43.936 ng
RT: 9.60 min Scan# 1074
Delta R.T. 0.00 min
Lab File: BG031989.D
Acq: 11 Jan 2018 18:16

Instrument :
BNA_G
ClientSampleId :
NB-08-010918MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	47.6	49.1	73.7#	
101	11.3	8.5	12.7	
130	29.7	13.4	20.0#	

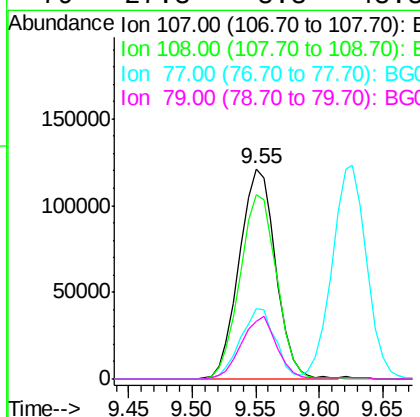
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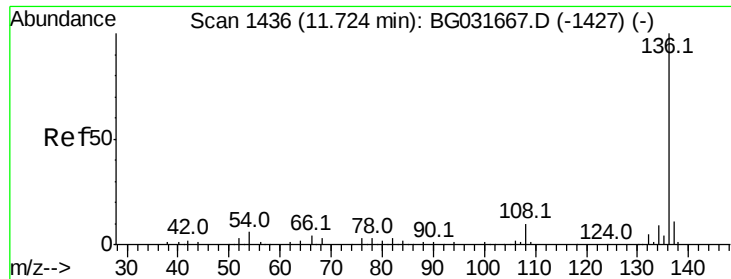
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#20
3+4-Methylphenols
Concen: 48.818 ng
RT: 9.55 min Scan# 1066
Delta R.T. 0.00 min
Lab File: BG031989.D
Acq: 11 Jan 2018 18:16

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.6	61.6	101.6	
77	33.3	13.9	53.9	
79	27.3	8.8	48.8	





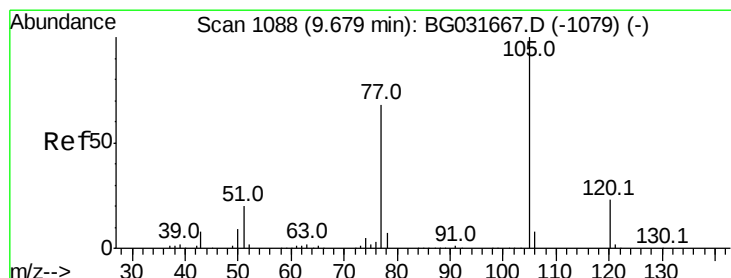
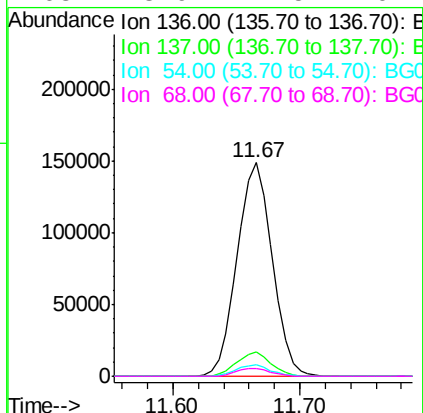
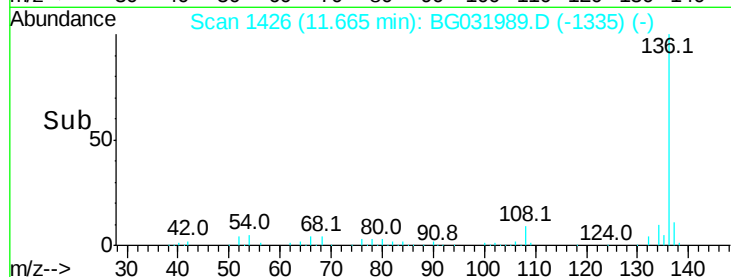
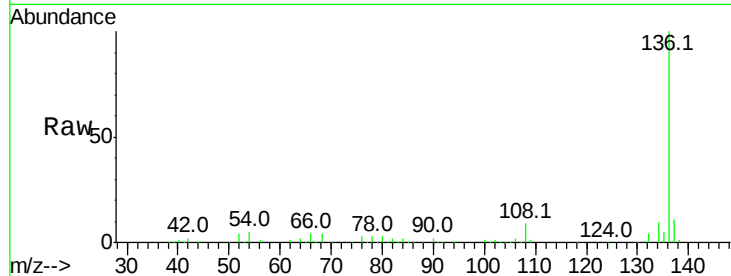
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.67 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BG031989.D
Acq: 11 Jan 2018 18:16

Instrument :
BNA_G
ClientSampleId :
NB-08-010918MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	9.2	13.8	
54	5.4	10.3	15.5#	
68	3.9	4.5	6.7#	

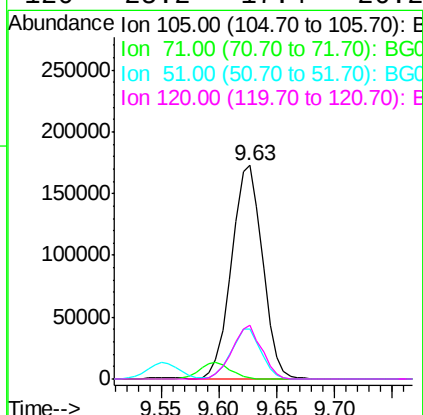
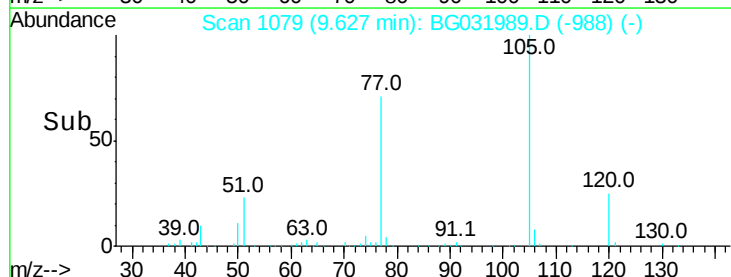
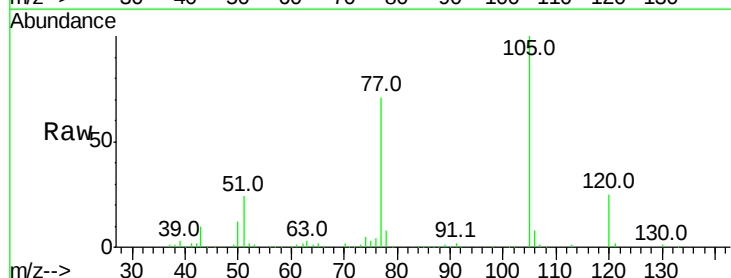
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#22
Acetophenone
Concen: 48.657 ng
RT: 9.63 min Scan# 1079
Delta R.T. 0.00 min
Lab File: BG031989.D
Acq: 11 Jan 2018 18:16

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.3	3.0	4.4#	
51	23.6	26.1	39.1#	
120	25.2	17.4	26.2	





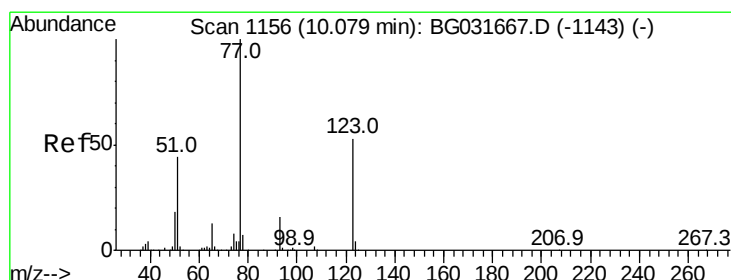
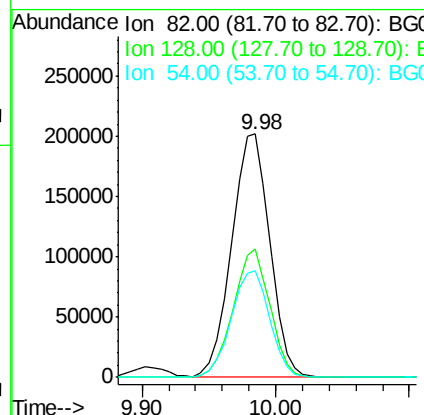
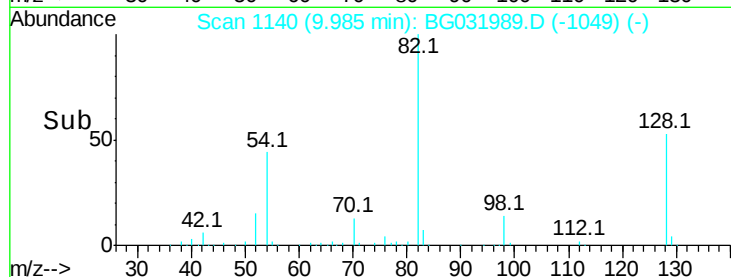
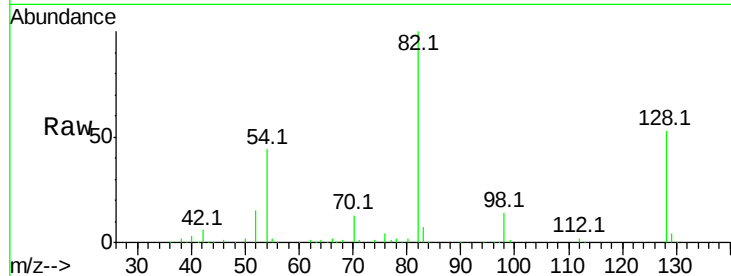
#23
 Nitrobenzene-d5
 Concen: 106.011 ng
 RT: 9.98 min Scan# 1140
 Delta R.T. 0.00 min
 Lab File: BG031989.D
 Acq: 11 Jan 2018 18:16

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-010918MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	52.7	29.7	44.5#
54	43.7	43.1	64.7

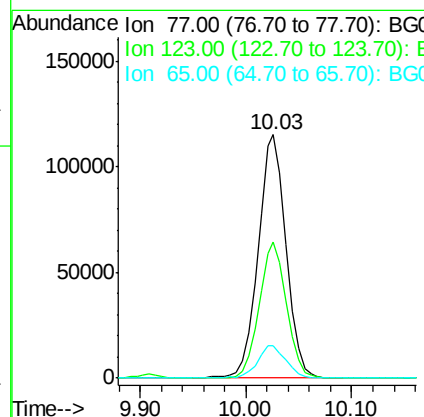
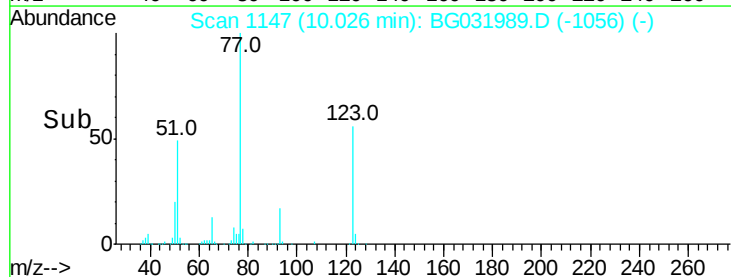
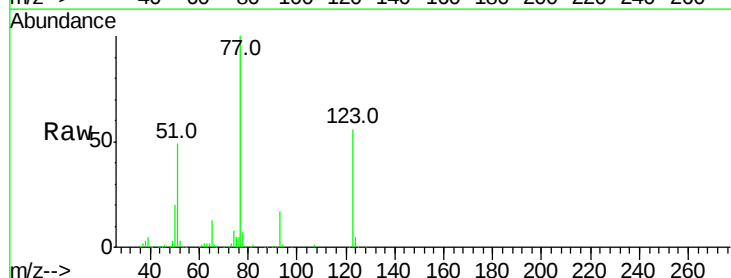
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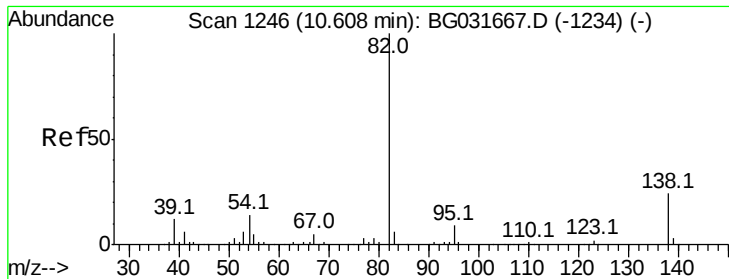
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#24
 Nitrobenzene
 Concen: 54.263 ng
 RT: 10.03 min Scan# 1147
 Delta R.T. 0.00 min
 Lab File: BG031989.D
 Acq: 11 Jan 2018 18:16

Tgt Ion	Ratio	Lower	Upper
77	100		
123	55.7	33.0	49.6#
65	13.1	13.0	19.6





#25

Isophorone

Concen: 49.790 ng

RT: 10.55 min Scan# 1236

Delta R.T. 0.00 min

Lab File: BG031989.D

Acq: 11 Jan 2018 18:16

Instrument :

BNA_G

ClientSampleId :

NB-08-010918MSD

Tot Ion: 82 Resp: 404702

Ion Ratio Lower Upper

82 100

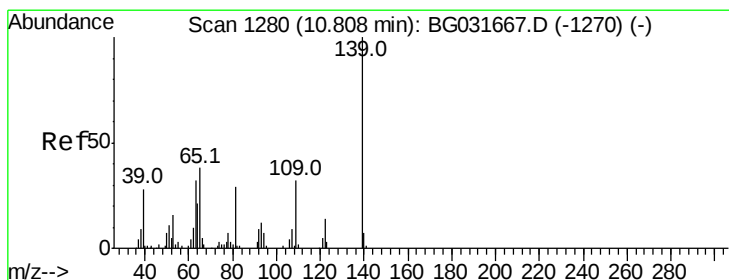
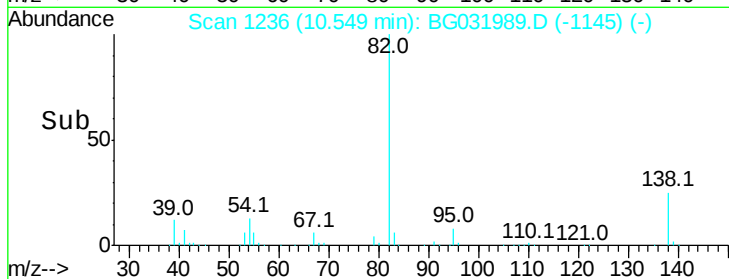
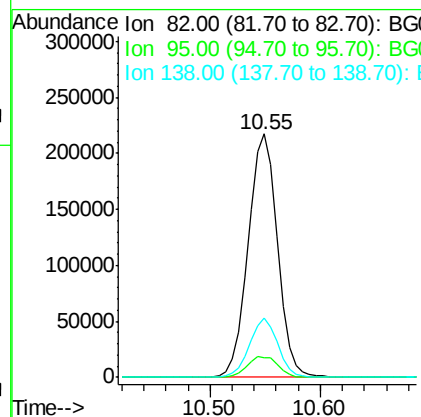
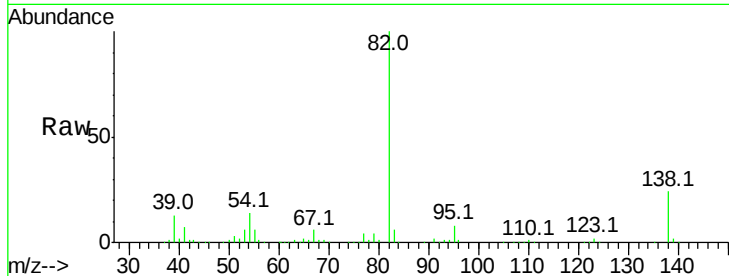
95 8.2 6.2 9.2

138 24.4 12.1 18.1#

Manual Integrations
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#26

2-Nitrophenol

Concen: 67.150 ng

RT: 10.75 min Scan# 1270

Delta R.T. -0.00 min

Lab File: BG031989.D

Acq: 11 Jan 2018 18:16

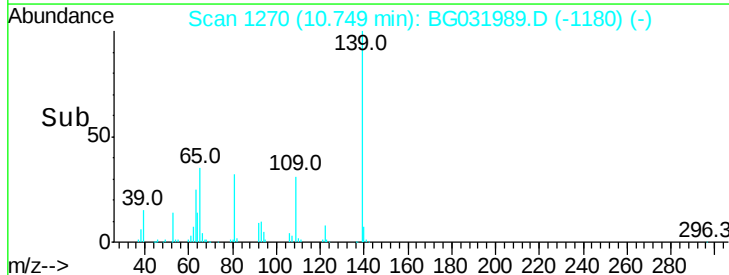
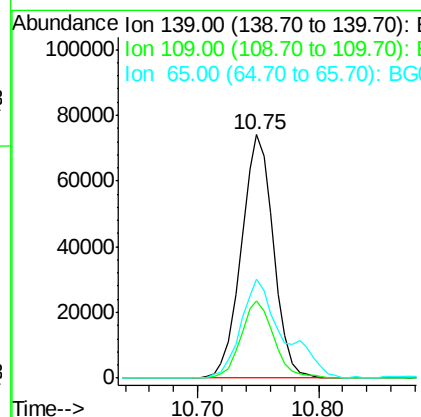
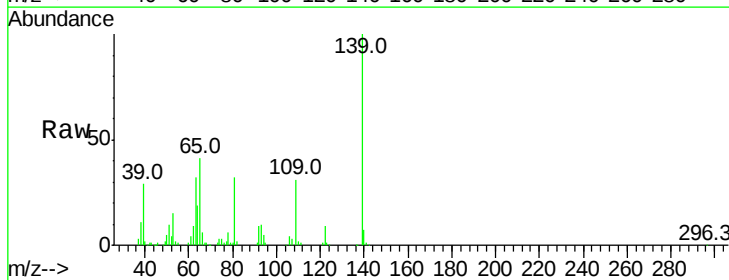
Tgt Ion: 139 Resp: 137011

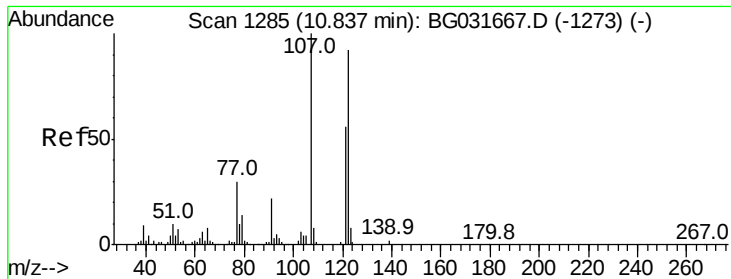
Ion Ratio Lower Upper

139 100

109 31.5 24.2 36.2

65 40.6 47.4 71.0#





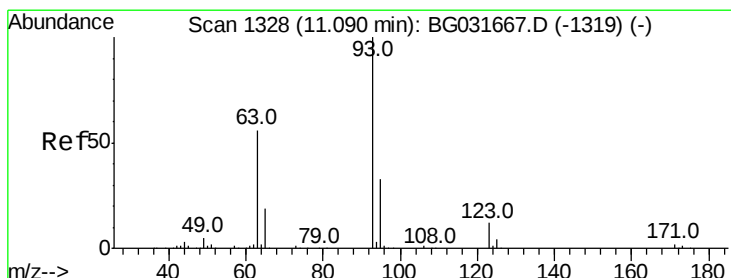
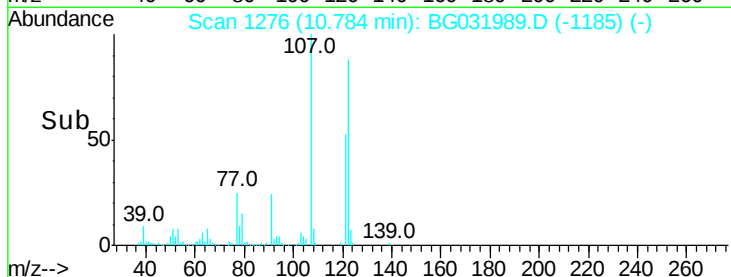
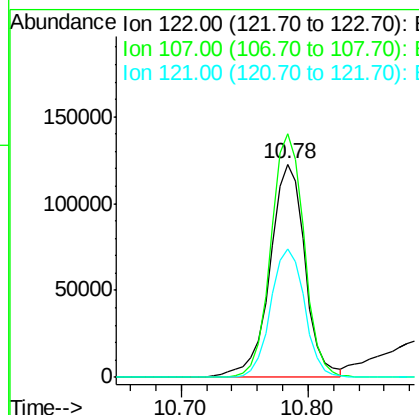
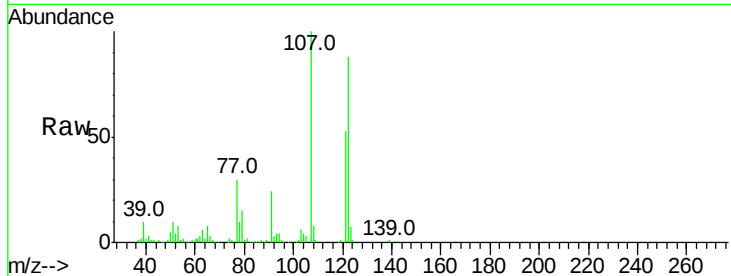
#27
 2,4-Dimethylphenol
 Concen: 54.812 ng
 RT: 10.78 min Scan# 1276
 Delta R.T. 0.00 min
 Lab File: BG031989.D
 Acq: 11 Jan 2018 18:16

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-010918MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	114.0	100.2	150.2
121	60.3	44.4	66.6

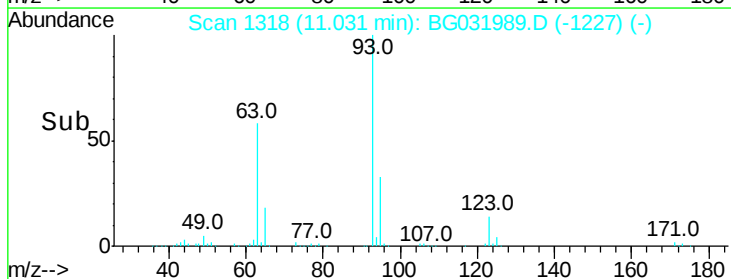
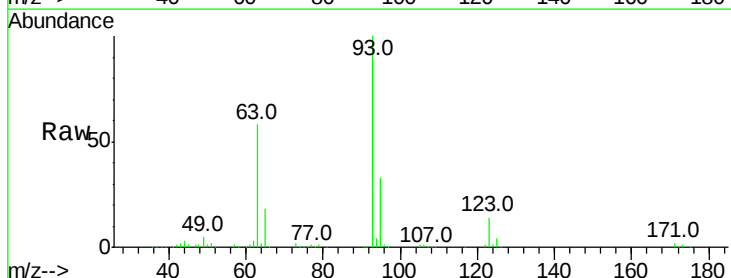
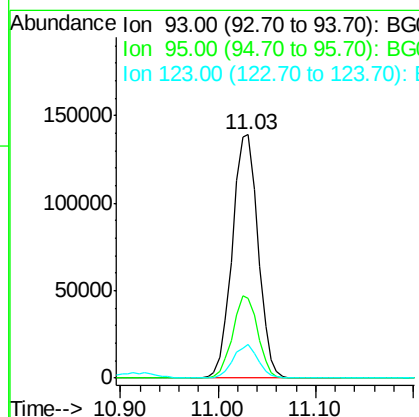
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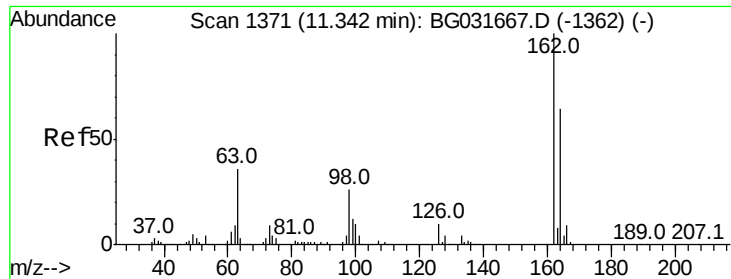
Sohil
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#28
 bis(2-Chloroethoxy)methane
 Concen: 46.812 ng
 RT: 11.03 min Scan# 1318
 Delta R.T. 0.00 min
 Lab File: BG031989.D
 Acq: 11 Jan 2018 18:16

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	24.3	36.5
123	13.7	8.4	12.6





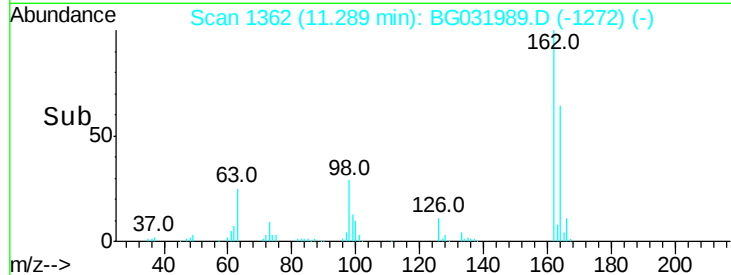
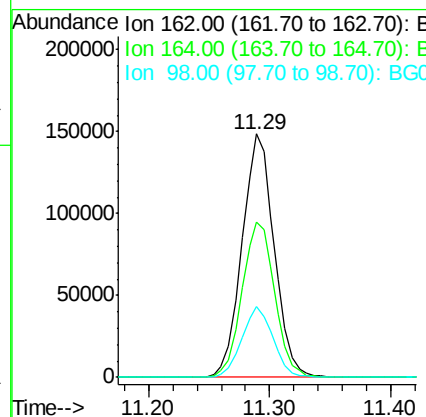
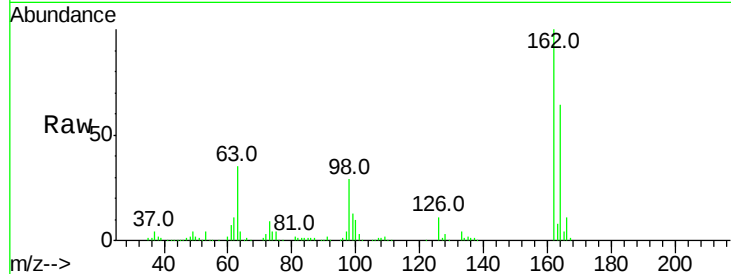
#29
 2,4-Dichlorophenol
 Concen: 54.626 ng
 RT: 11.29 min Scan# 1362
 Delta R.T. -0.00 min
 Lab File: BG031989.D
 Acq: 11 Jan 2018 18:16

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-010918MSD

Tot Ion:	162	Resp:	275337
Ion Ratio	Lower	Upper	
162	100		
164	63.6	48.0	88.0
98	28.9	21.1	61.1

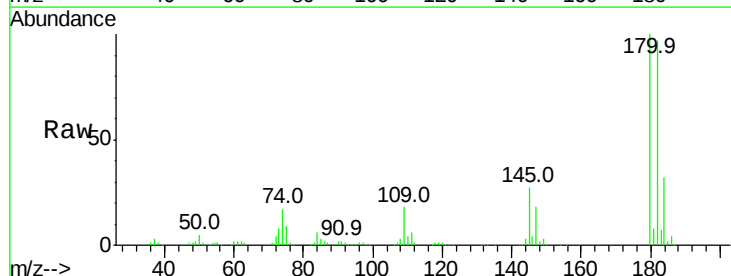
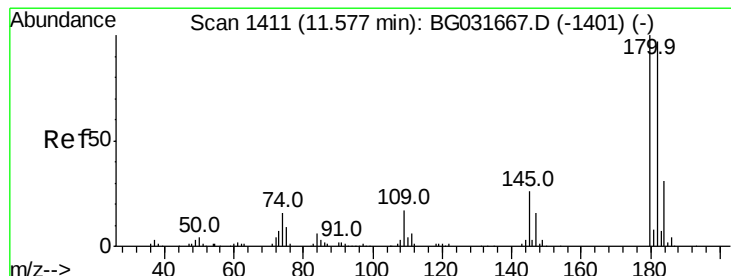
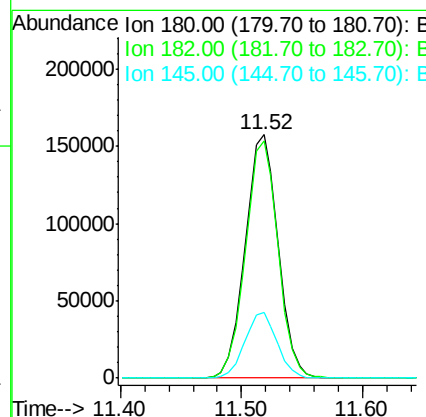
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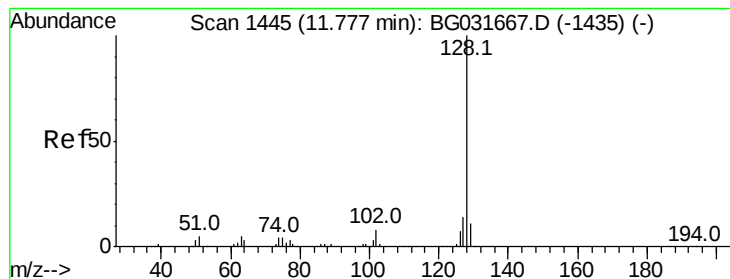
Sohil
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#30
 1,2,4-Trichlorobenzene
 Concen: 48.408 ng
 RT: 11.52 min Scan# 1401
 Delta R.T. 0.00 min
 Lab File: BG031989.D
 Acq: 11 Jan 2018 18:16

Tgt Ion:	180	Resp:	297918
Ion Ratio	Lower	Upper	
180	100		
182	97.4	77.5	116.3
145	27.1	23.4	35.2





#31

Naphthalene

Concen: 54.682 ng

RT: 11.72 min Scan# 1435

Delta R.T. 0.00 min

Lab File: BG031989.D

Acq: 11 Jan 2018 18:16

Instrument :

BNA_G

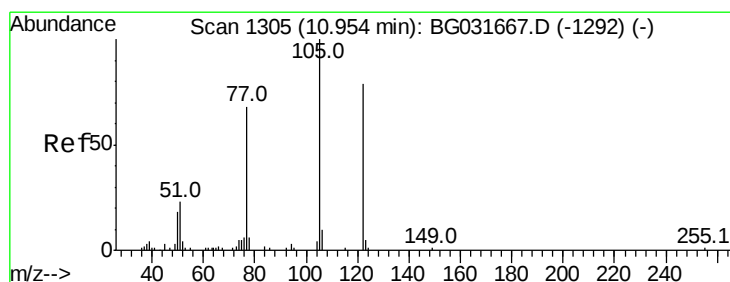
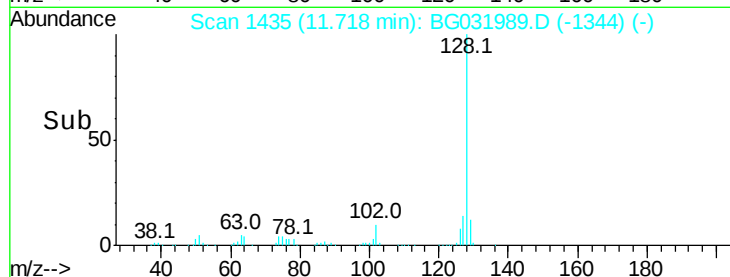
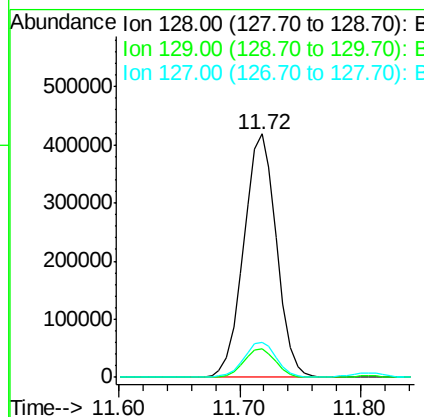
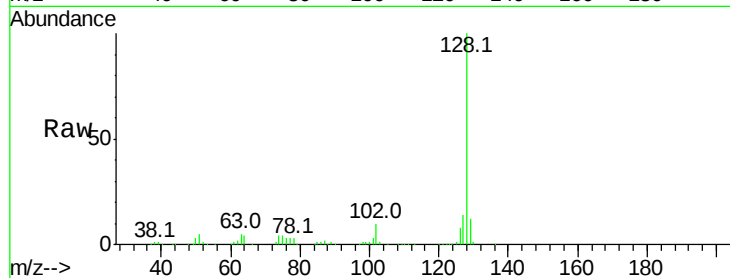
ClientSampleId :

NB-08-010918MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.6	12.8
127	14.2	11.6	17.4

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#32

Benzoic acid

Concen: 51.796 ng

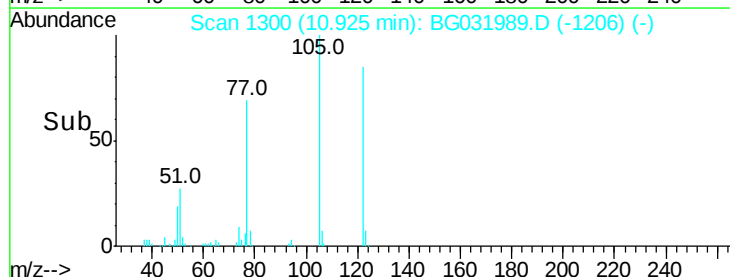
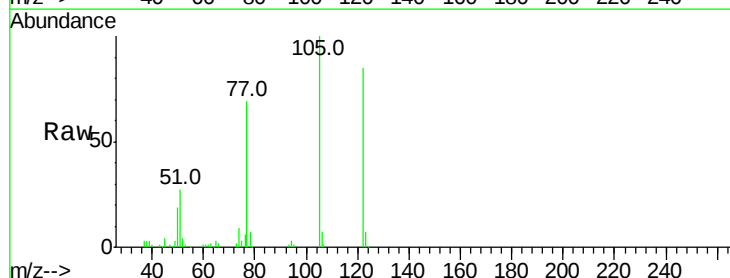
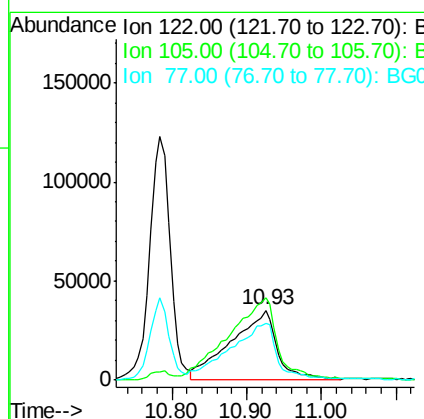
RT: 10.93 min Scan# 1300

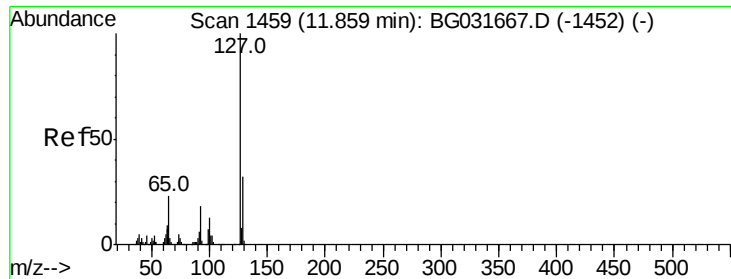
Delta R.T. 0.02 min

Lab File: BG031989.D

Acq: 11 Jan 2018 18:16

Tgt Ion	Ratio	Lower	Upper
122	100		
105	118.1	123.5	163.5#
77	81.5	85.7	125.7#





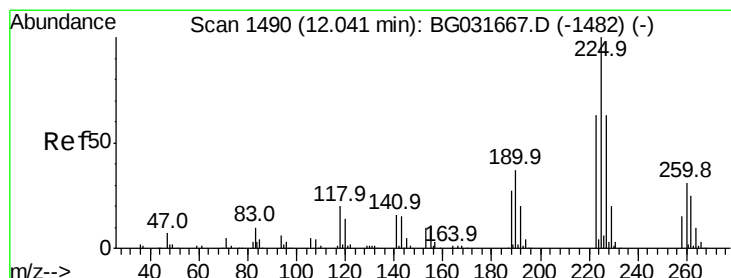
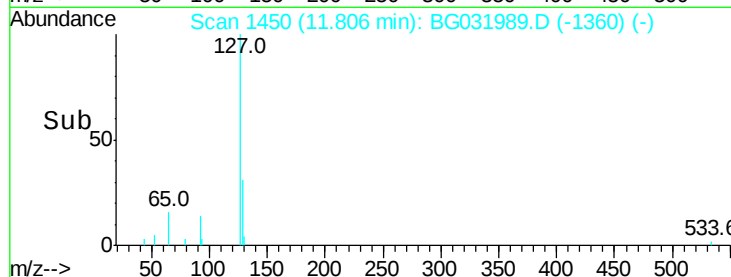
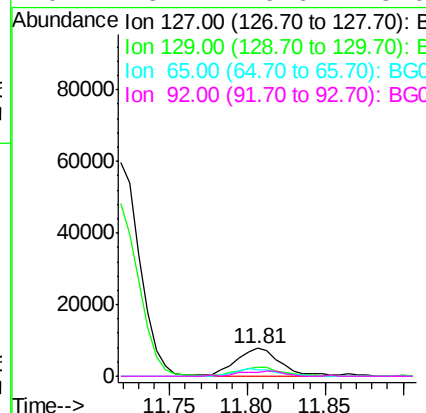
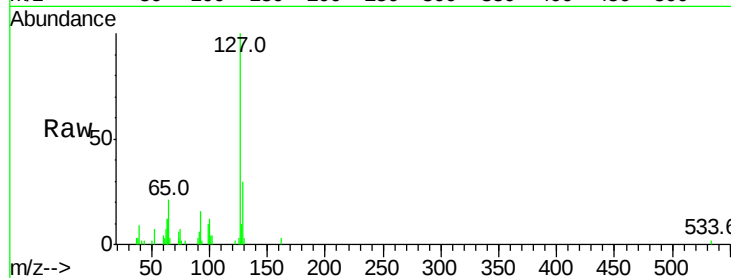
#33
4-Chloroaniline
Concen: 2.341 ng/ml
RT: 11.81 min Scan# 1450
Delta R.T. -0.00 min
Lab File: BG031989.D
Acq: 11 Jan 2018 18:16

Instrument :
BNA_G
ClientSampleId :
NB-08-010918MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	29.9	24.0	36.0		
65	20.9	27.0	40.4		
92	15.7	16.6	25.0		

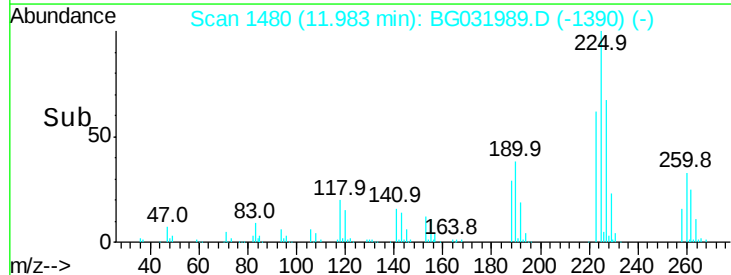
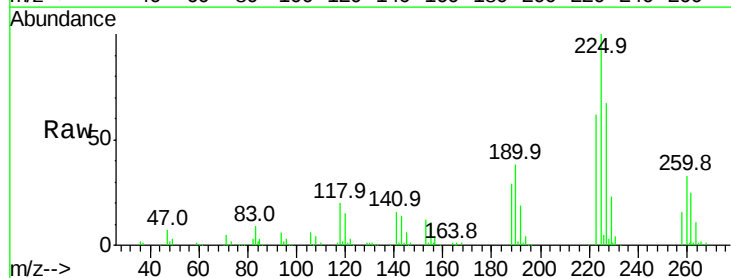
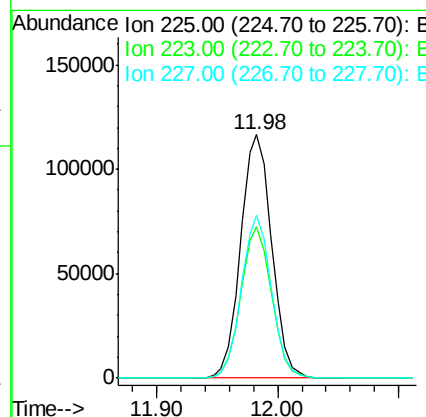
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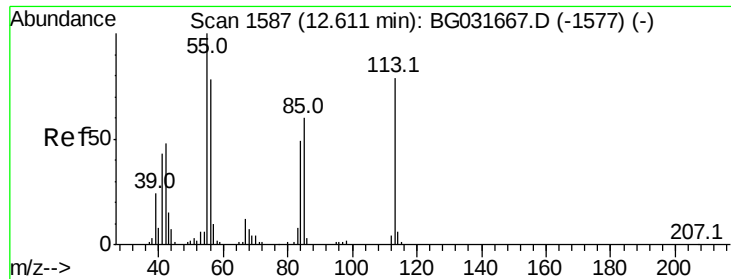
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#34
Hexachlorobutadiene
Concen: 49.509 ng
RT: 11.98 min Scan# 1480
Delta R.T. -0.00 min
Lab File: BG031989.D
Acq: 11 Jan 2018 18:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.4	49.7	74.5		
227	67.1	48.1	72.1		





#35

Caprolactam

Concen: 47.043 ng

RT: 12.57 min Scan# 1580

Delta R.T. 0.00 min

Lab File: BG031989.D

Acq: 11 Jan 2018 18:16

Instrument :

BNA_G

ClientSampleId :

NB-08-010918MSD

Tot Ion:113 Resp: 71874

Ion Ratio Lower Upper

113 100

55 113.7 186.9 226.9#

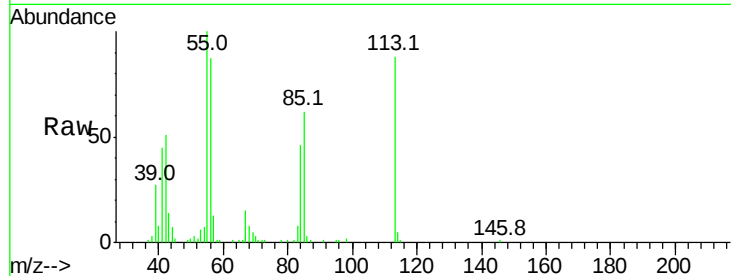
56 98.4 130.9 170.9#

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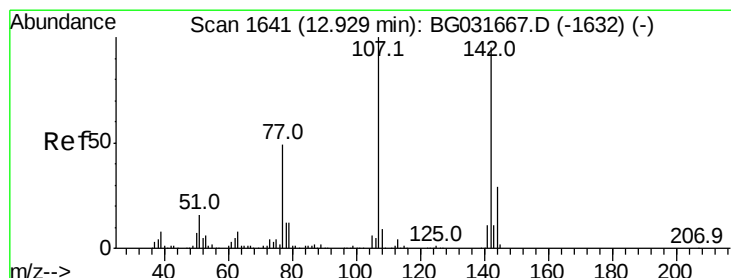
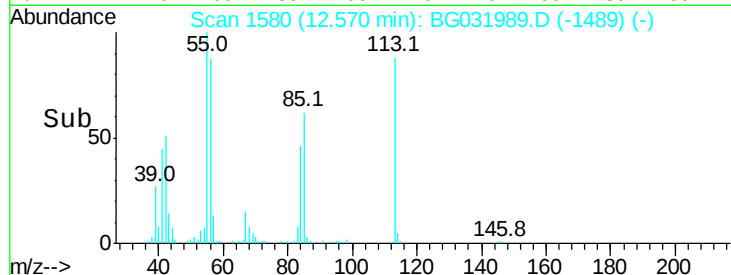
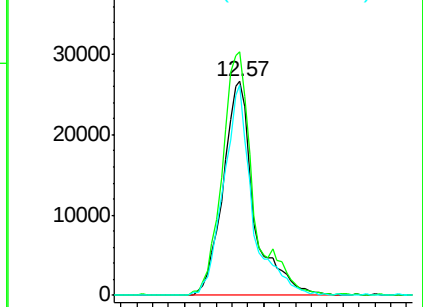
1/12/2018 10:39:24 AM



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: 53.961 ng

RT: 12.88 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BG031989.D

Acq: 11 Jan 2018 18:16

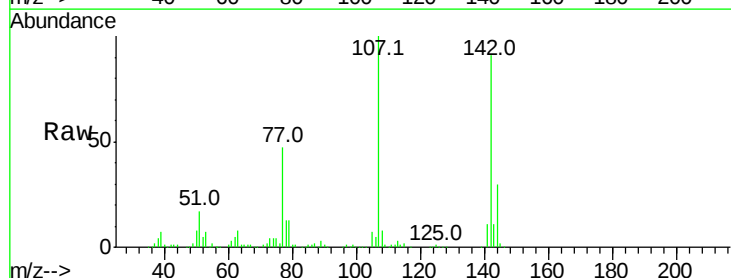
Tgt Ion:107 Resp: 251194

Ion Ratio Lower Upper

107 100

144 29.8 18.2 27.4#

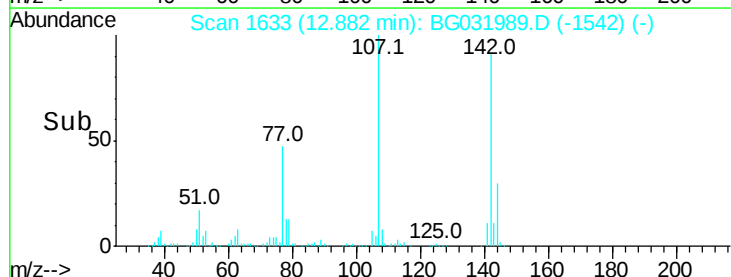
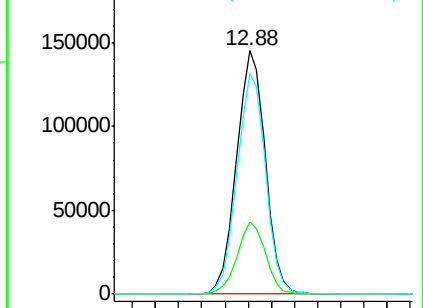
142 90.8 59.0 88.4#

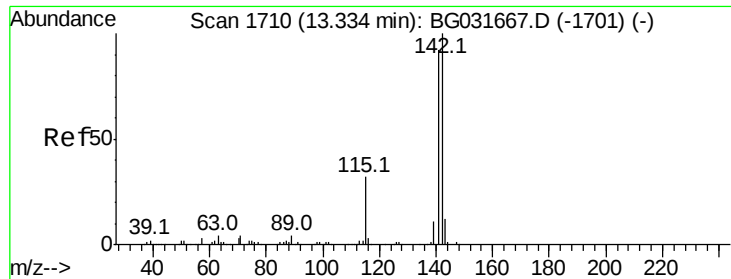


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





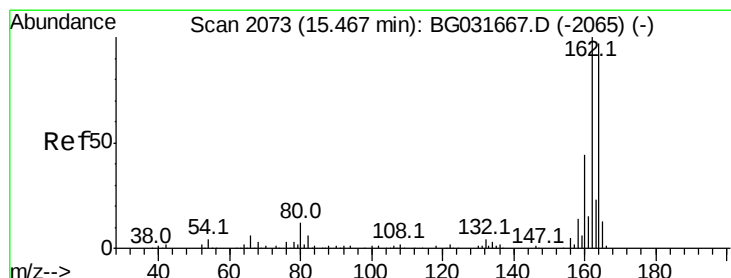
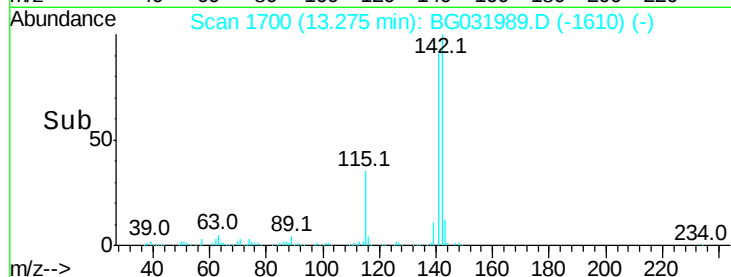
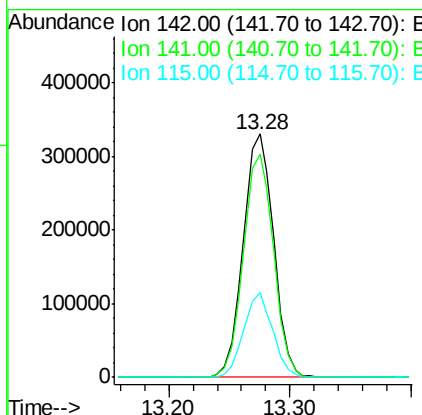
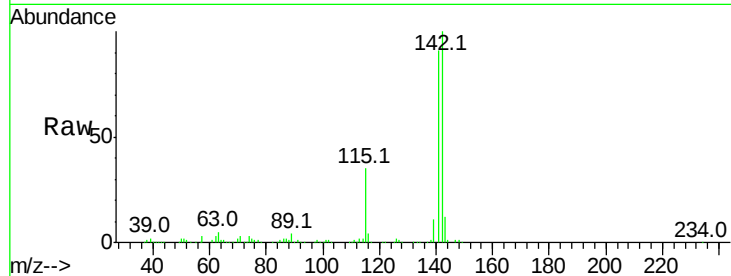
#37
2-Methylnaphthalene
Concen: 49.751 ng
RT: 13.28 min Scan# 1700
Delta R.T. -0.00 min
Lab File: BG031989.D
Acq: 11 Jan 2018 18:16

Instrument :
BNA_G
ClientSampleId :
NB-08-010918MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.5	67.1	100.7
115	34.8	30.7	46.1

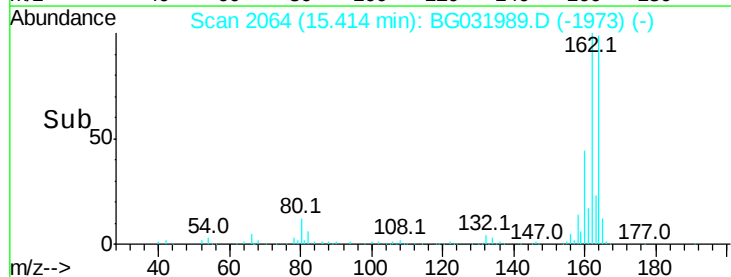
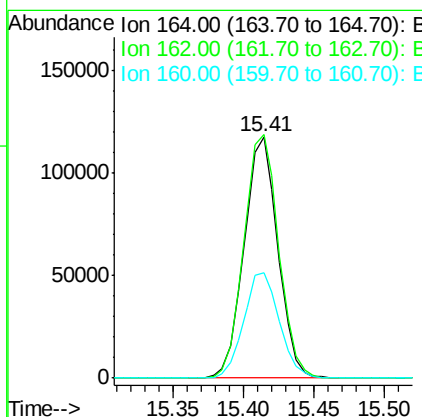
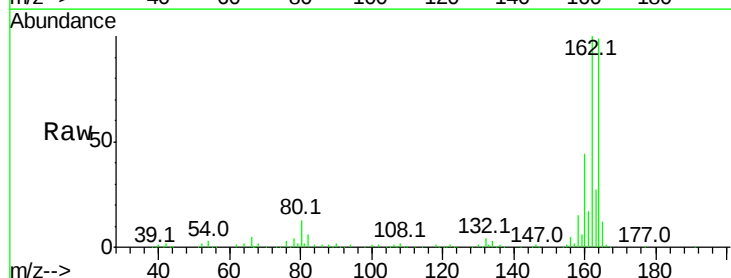
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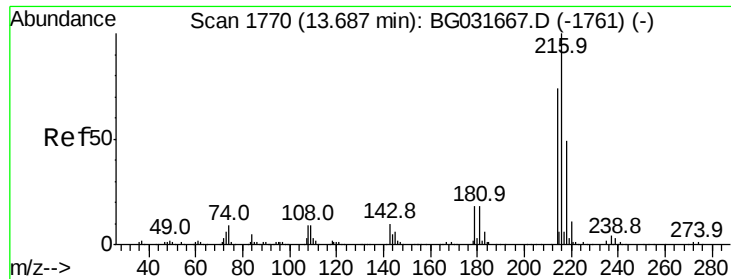
Sohil
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.41 min Scan# 2064
Delta R.T. 0.00 min
Lab File: BG031989.D
Acq: 11 Jan 2018 18:16

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.9	78.8	118.2
160	43.9	35.4	53.0





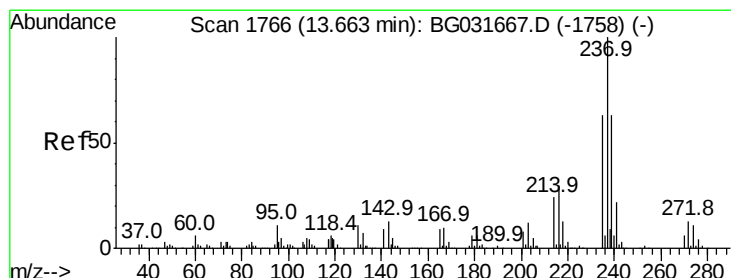
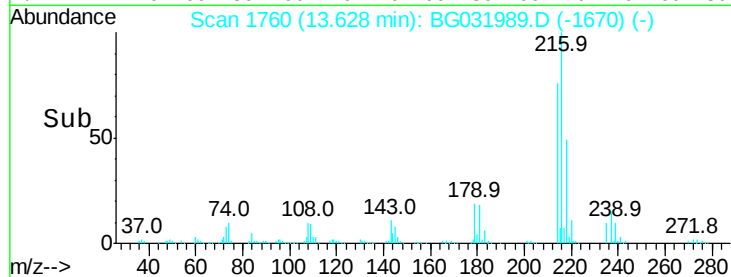
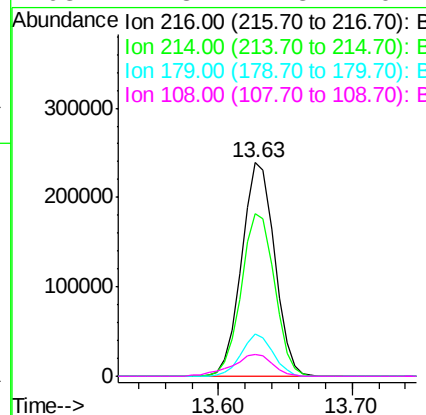
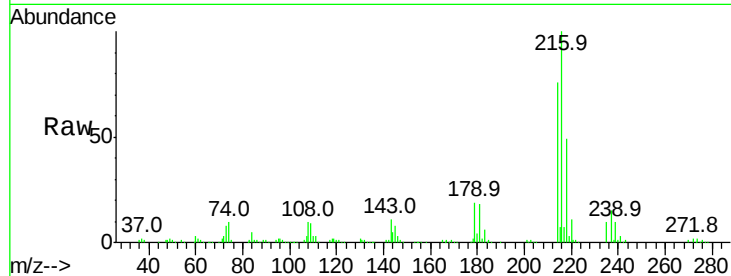
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 49.336 ng
 RT: 13.63 min Scan# 1760
 Delta R.T. -0.00 min
 Lab File: BG031989.D
 Acq: 11 Jan 2018 18:16

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-010918MSD

Tot Ion	Ratio	Lower	Upper
216	100		
214	76.8	63.0	94.4
179	18.9	17.0	25.6
108	12.3	12.8	19.2

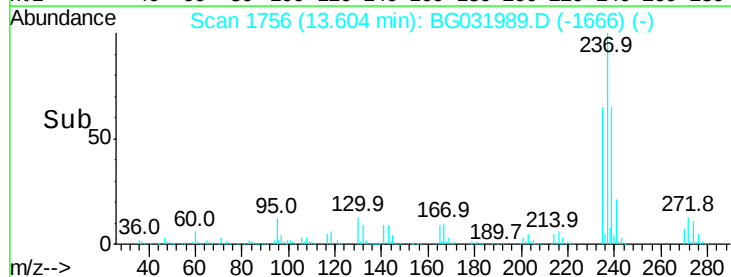
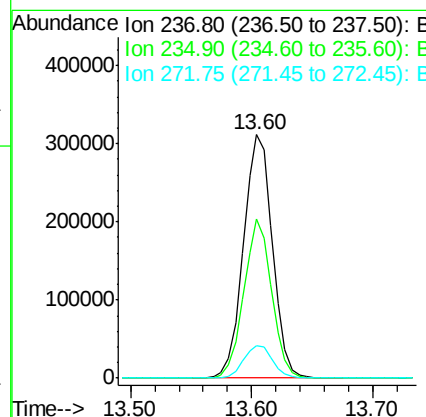
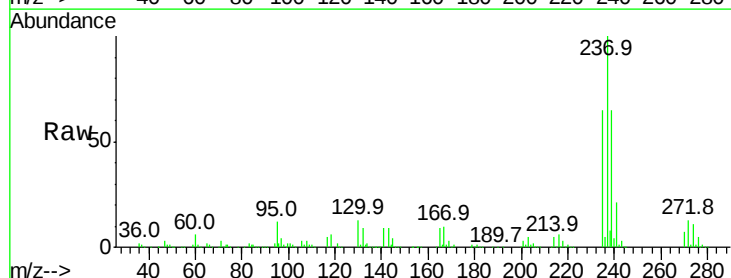
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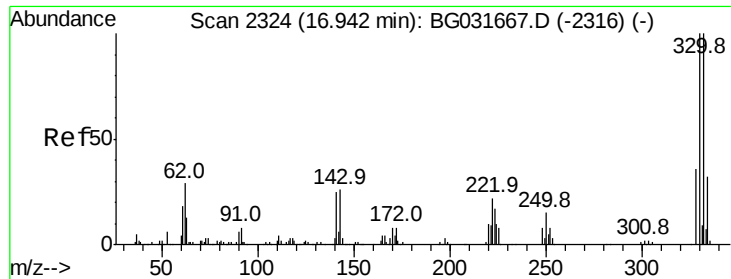
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#40
 Hexachlorocyclopentadiene
 Concen: 119.220 ng
 RT: 13.60 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: BG031989.D
 Acq: 11 Jan 2018 18:16

Tgt Ion	Ratio	Lower	Upper
237	100		
235	65.2	50.4	90.4
272	13.2	0.0	31.8





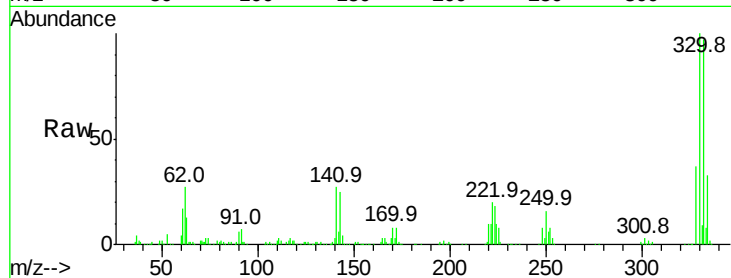
#41
 2,4,6-Tribromophenol
 Concen: 154.648 ng
 RT: 16.89 min Scan# 2315
 Delta R.T. 0.00 min
 Lab File: BG031989.D
 Acq: 11 Jan 2018 18:16

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-010918MSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.2	77.0	115.6	
141	27.8	25.2	37.8	

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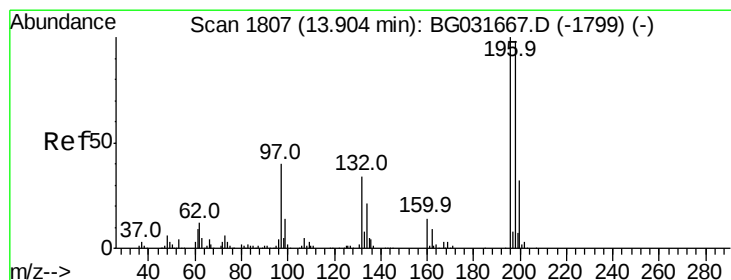
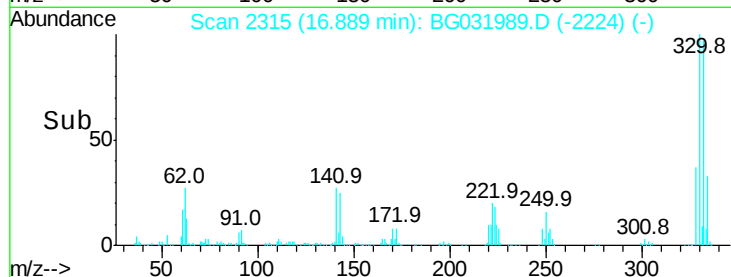
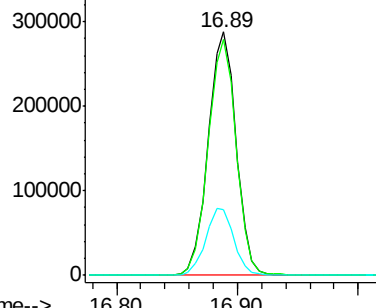


Abundance

Ion 329.80 (329.50 to 330.50): E

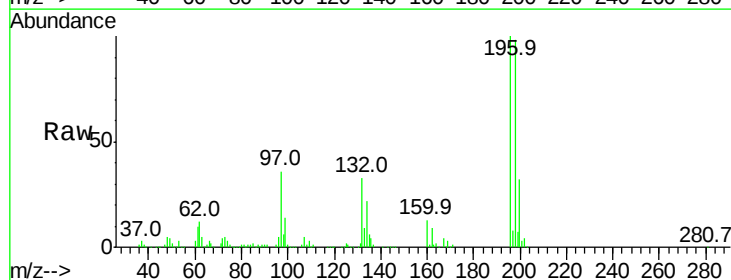
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 55.008 ng
 RT: 13.86 min Scan# 1799
 Delta R.T. 0.00 min
 Lab File: BG031989.D
 Acq: 11 Jan 2018 18:16

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	98.2	78.2	117.2	
200	32.0	24.6	36.8	

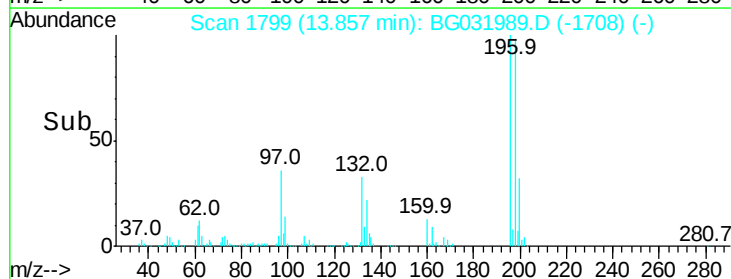
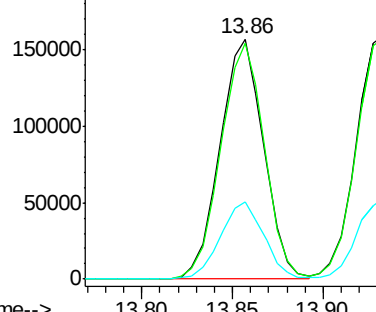


Abundance

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





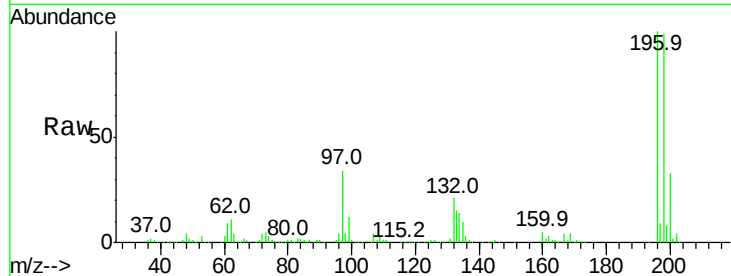
#43
 2,4,5-Trichlorophenol
 Concen: 53.762 ng m
 RT: 13.93 min Scan# 1812
 Delta R.T. 0.01 min
 Lab File: BG031989.D
 Acq: 11 Jan 2018 18:16

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-010918MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	283686		
198	99.0	76.2	114.4	
97	33.6	38.7	58.1#	
132	21.0	20.2	30.2	

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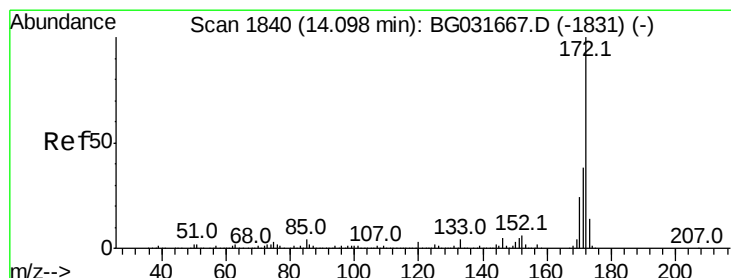
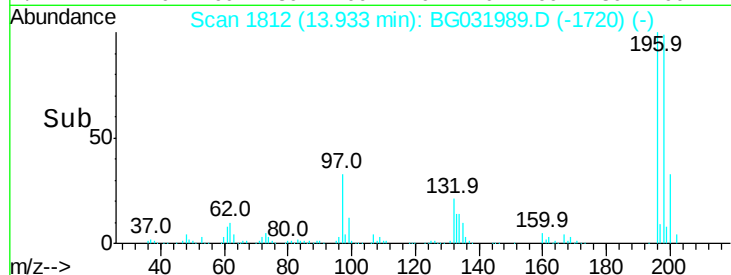
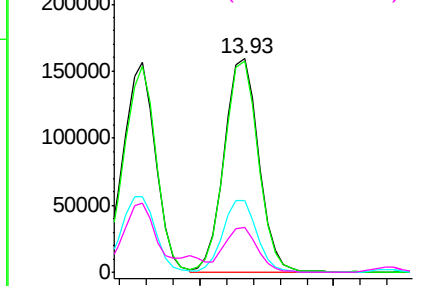
Abundance

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: 89.515 ng
 RT: 14.04 min Scan# 1830
 Delta R.T. -0.00 min
 Lab File: BG031989.D
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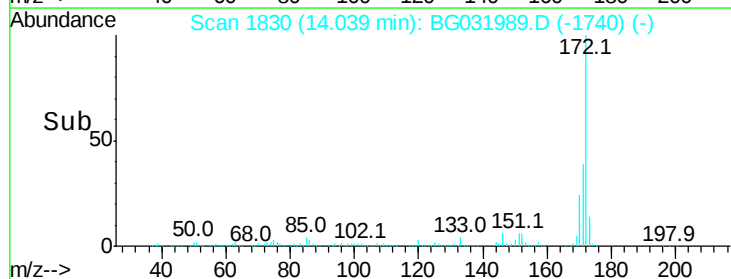
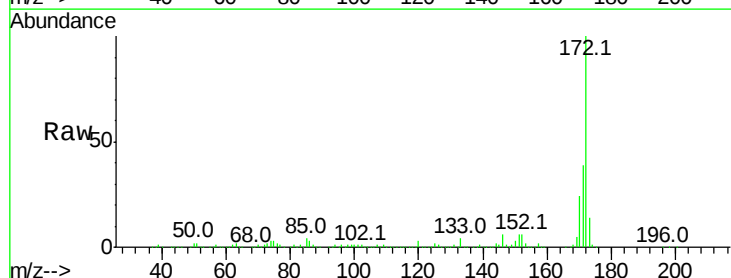
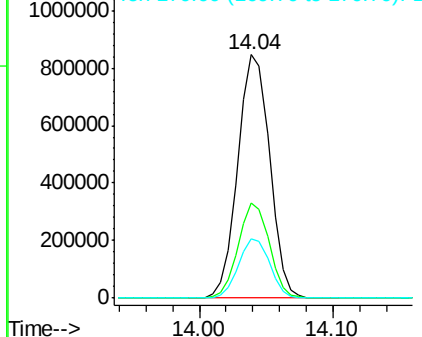
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1398317		
171	39.1	30.0	45.0	
170	24.3	19.5	29.3	

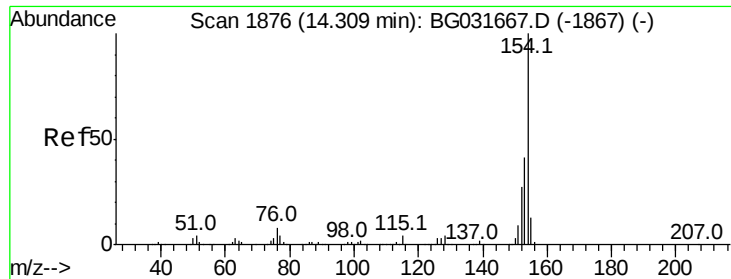
Abundance

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: 49.093 ng

RT: 14.25 min Scan# 1866

Delta R.T. -0.00 min

Lab File: BG031989.D

Acq: 11 Jan 2018 18:16

Instrument :

BNA_G

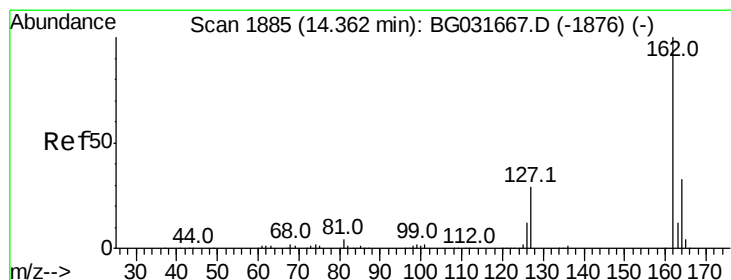
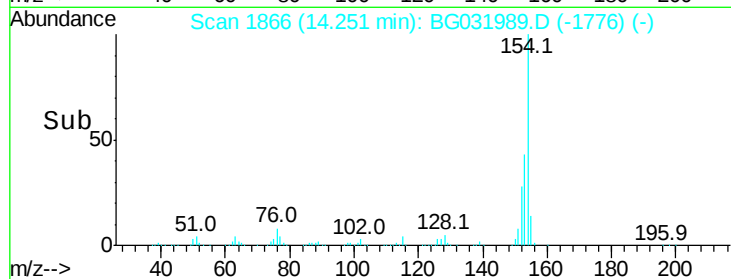
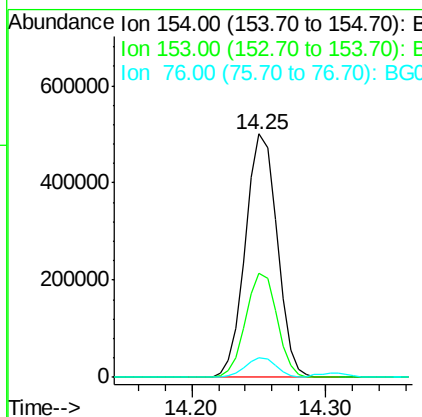
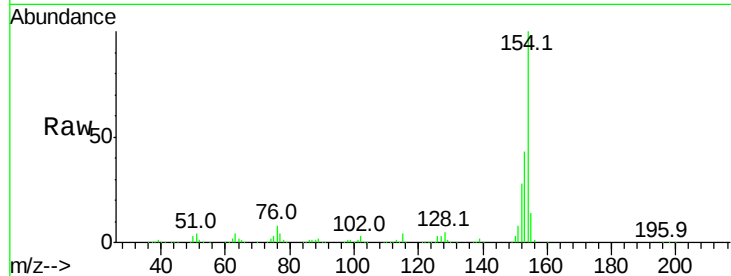
ClientSampleId :

NB-08-010918MSD

Tot Ion:	154	Resp:	822093
Ion Ratio	Lower	Upper	
154	100		
153	42.7	19.8	59.8
76	8.3	0.0	31.9

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#46

2-Chloronaphthalene

Concen: 48.584 ng

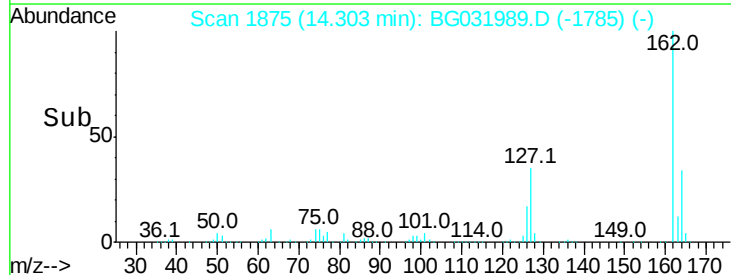
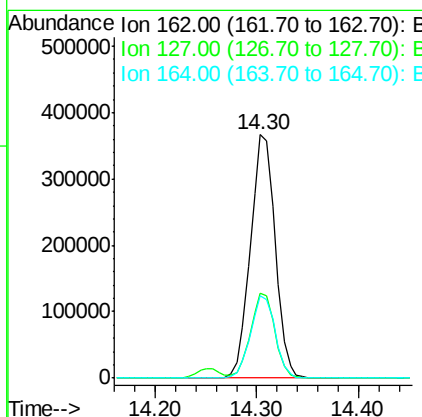
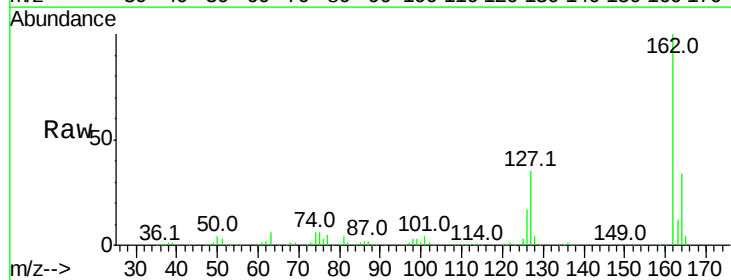
RT: 14.30 min Scan# 1875

Delta R.T. -0.00 min

Lab File: BG031989.D

Acq: 11 Jan 2018 18:16

Tgt Ion:	162	Resp:	620564
Ion Ratio	Lower	Upper	
162	100		
127	34.6	30.7	46.1
164	34.1	26.0	39.0





#47

2-Nitroaniline

Concen: 61.370 ng

RT: 14.49 min Scan# 1907

Delta R.T. 0.00 min

Lab File: BG031989.D

Acq: 11 Jan 2018 18:16

Instrument :

BNA_G

ClientSampleId :

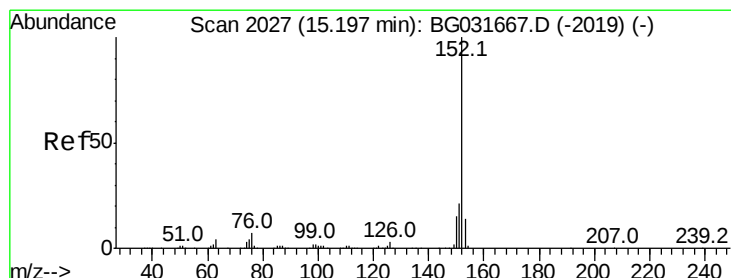
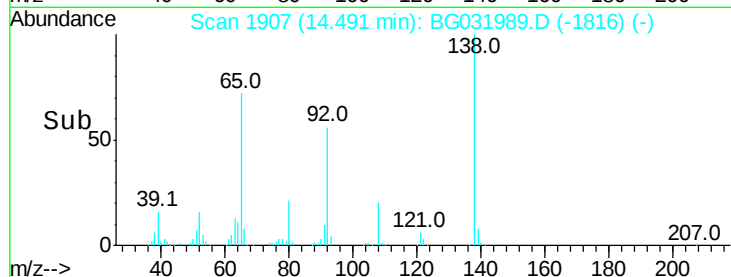
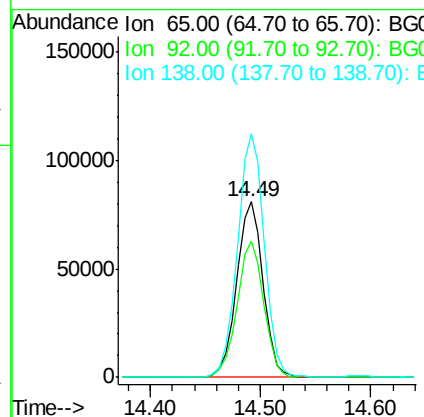
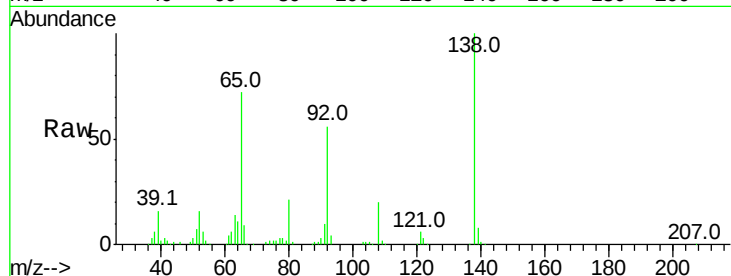
NB-08-010918MSD

Tot Ion: 65 Resp: 135382

Ion	Ratio	Lower	Upper
65	100		
92	77.4	54.6	82.0
138	138.7	72.9	109.3

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#48

Acenaphthylene

Concen: 45.772 ng

RT: 15.14 min Scan# 2018

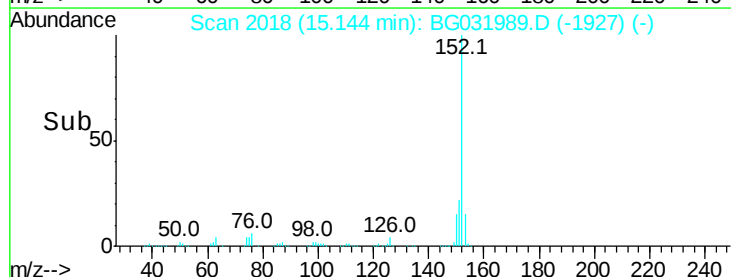
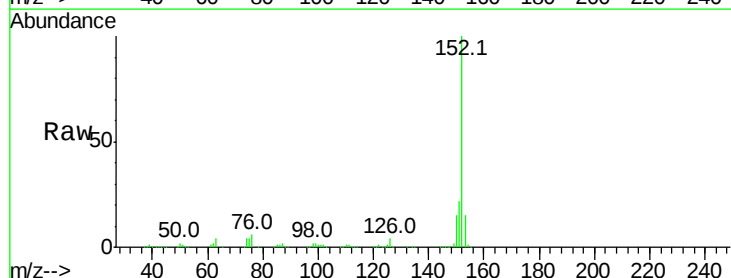
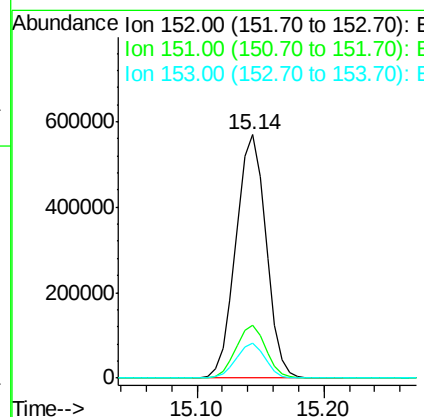
Delta R.T. 0.00 min

Lab File: BG031989.D

Acq: 11 Jan 2018 18:16

Tgt Ion: 152 Resp: 935335

Ion	Ratio	Lower	Upper
152	100		
151	21.8	17.2	25.8
153	14.6	10.2	15.4





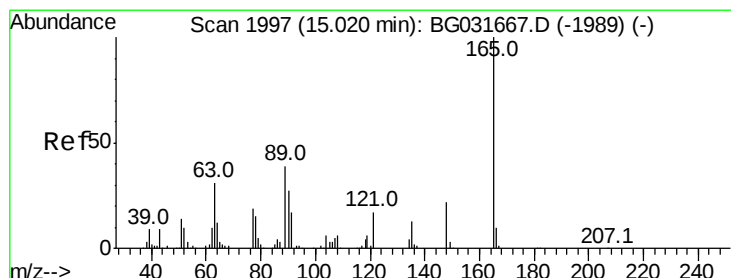
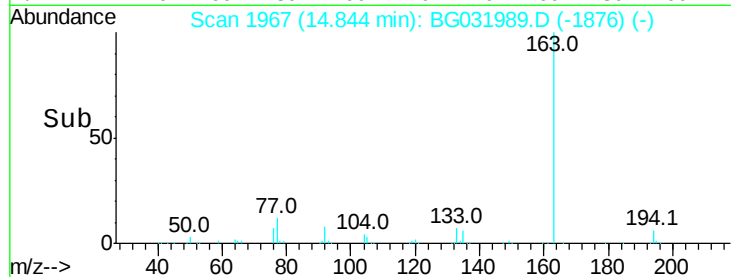
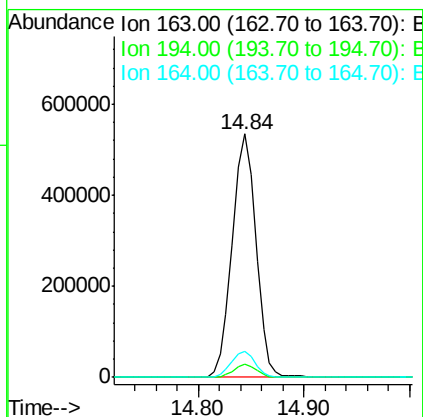
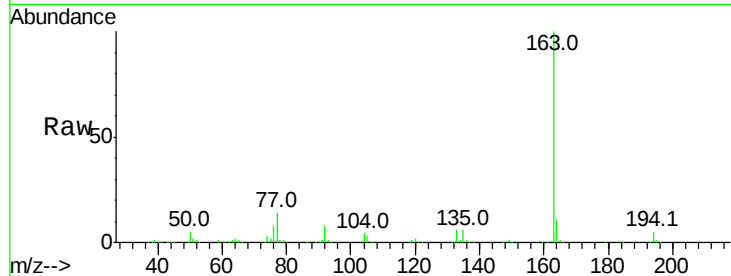
#49
Dimethylphthalate
Concen: 48.166 ng
RT: 14.84 min Scan# 1967
Delta R.T. 0.00 min
Lab File: BG031989.D
Acq: 11 Jan 2018 18:16

Instrument :
BNA_G
ClientSampleId :
NB-08-010918MSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	831941		
194	5.4	3.4	5.2#	
164	10.5	8.2	12.4	

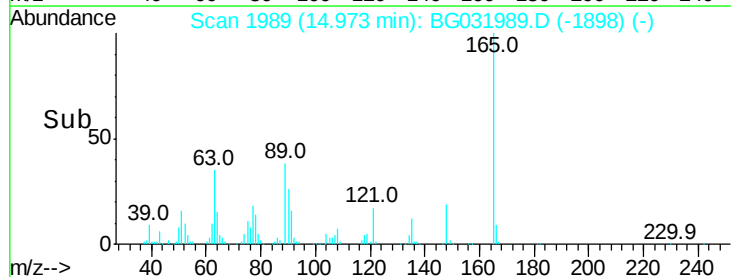
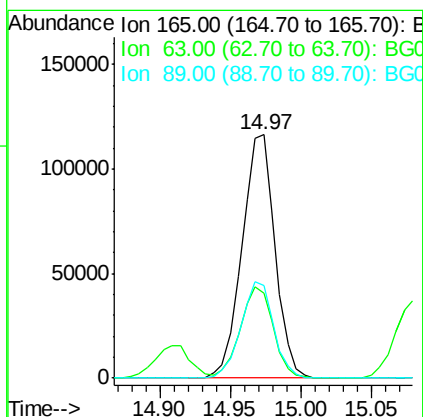
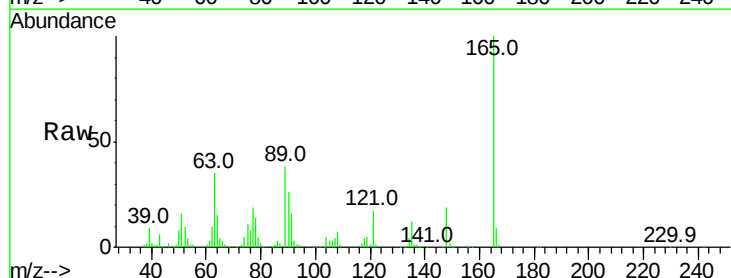
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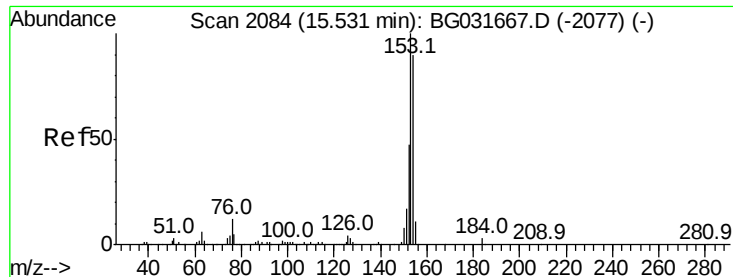
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#50
2,6-Dinitrotoluene
Concen: 59.885 ng
RT: 14.97 min Scan# 1989
Delta R.T. 0.00 min
Lab File: BG031989.D
Acq: 11 Jan 2018 18:16

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	190283		
63	34.8	52.7	79.1#	
89	38.1	49.2	73.8#	





#51

Acenaphthene

Concen: 53.438 ng

RT: 15.48 min Scan# 2075

Delta R.T. 0.00 min

Lab File: BG031989.D

Acq: 11 Jan 2018 18:16

Instrument :

BNA_G

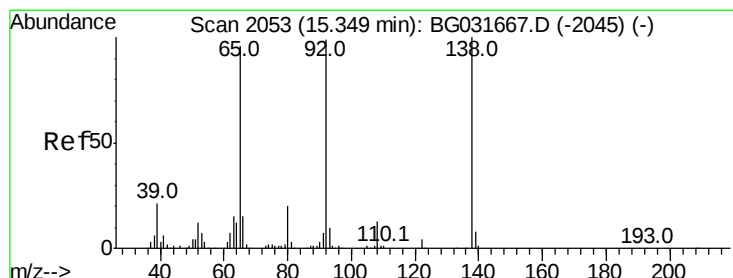
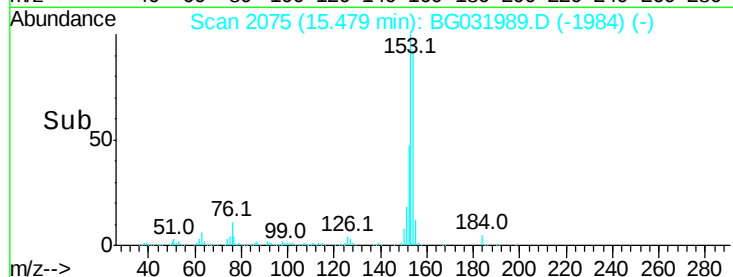
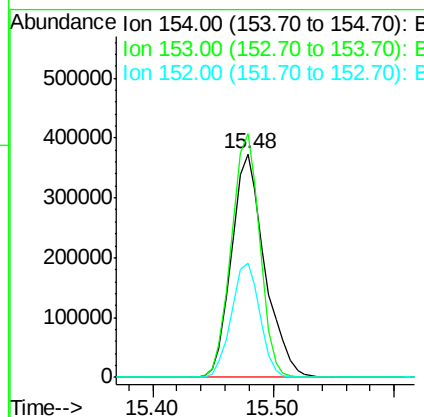
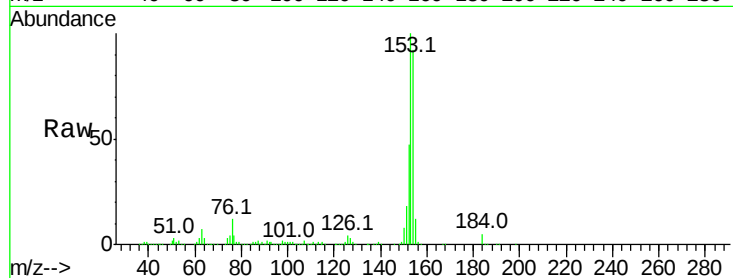
ClientSampleId :

NB-08-010918MSD

Tot Ion:	154	Resp:	715164
Ion Ratio	Lower	Upper	
154	100		
153	108.8	90.4	135.6
152	51.3	41.6	62.4

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#52

3-Nitroaniline

Concen: 10.115 ng

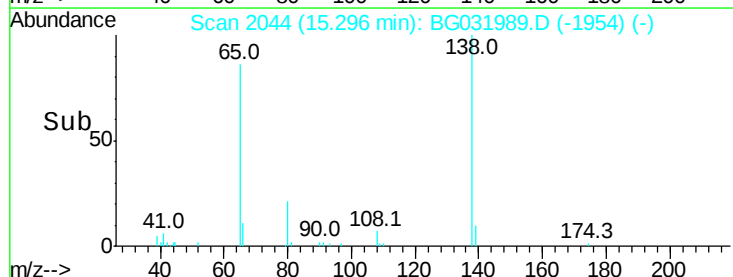
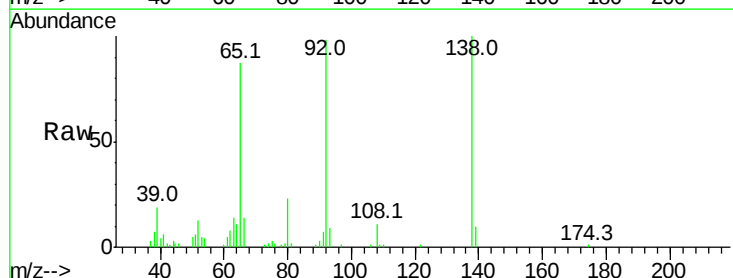
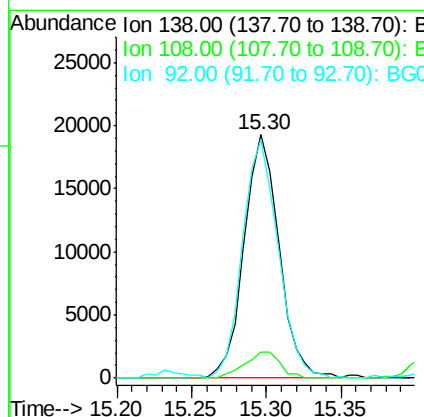
RT: 15.30 min Scan# 2044

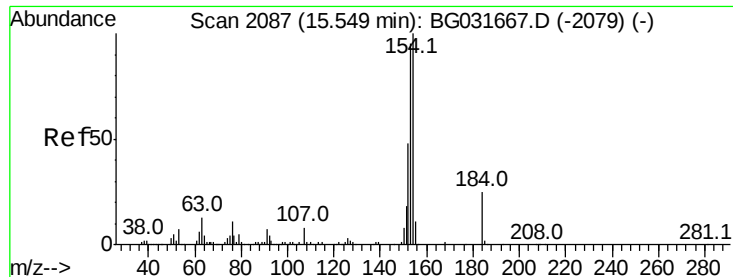
Delta R.T. -0.00 min

Lab File: BG031989.D

Acq: 11 Jan 2018 18:16

Tgt Ion:	138	Resp:	31357
Ion Ratio	Lower	Upper	
138	100		
108	10.8	17.5	26.3#
92	98.0	105.8	158.8#





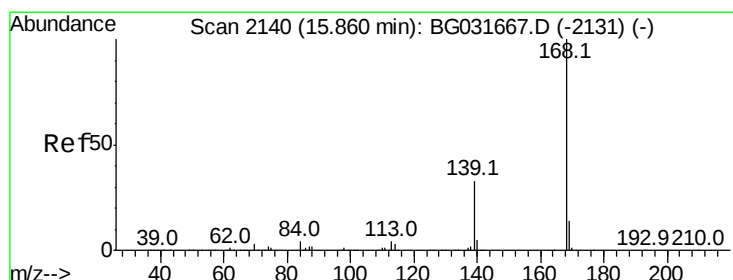
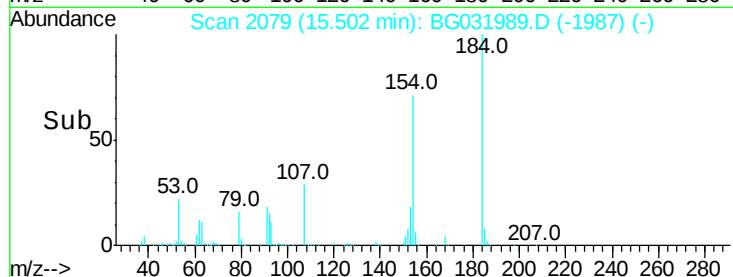
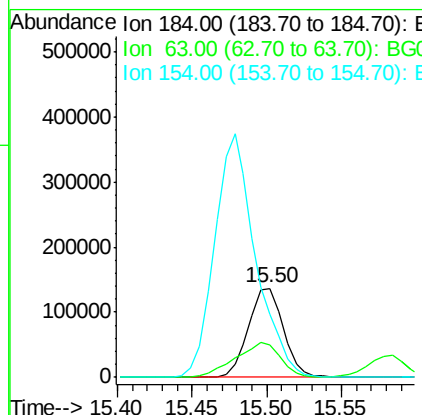
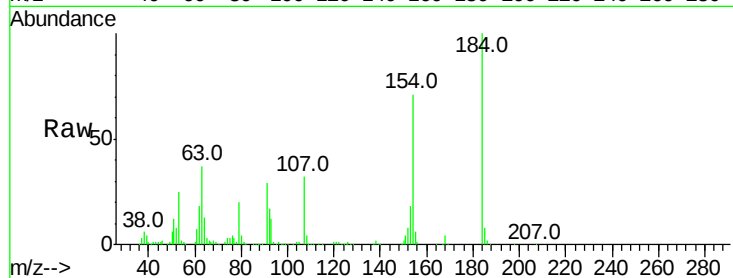
#53
2,4-Dinitrophenol
Concen: 156.958 ng
RT: 15.50 min Scan# 2079
Delta R.T. 0.01 min
Lab File: BG031989.D
Acq: 11 Jan 2018 18:16

Instrument :
BNA_G
ClientSampleId :
NB-08-010918MSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	36.7	59.8	89.8#
154	71.3	101.8	152.8#

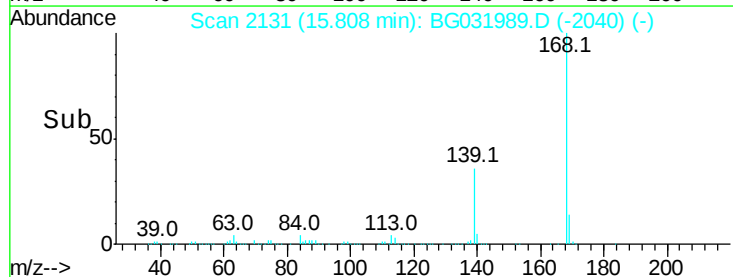
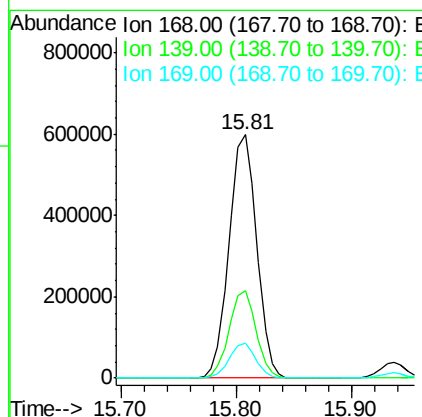
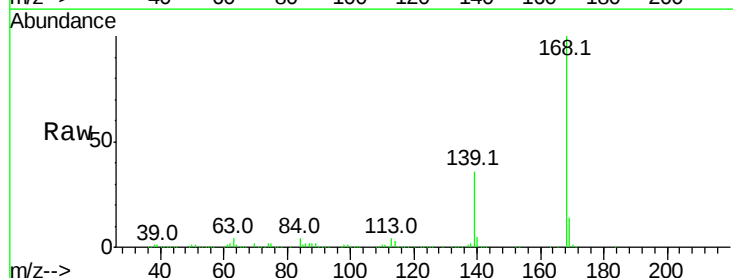
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#54
Dibenzofuran
Concen: 48.341 ng
RT: 15.81 min Scan# 2131
Delta R.T. 0.00 min
Lab File: BG031989.D
Acq: 11 Jan 2018 18:16

Tgt Ion	Ratio	Lower	Upper
168	100		
139	35.9	28.6	43.0
169	14.4	11.2	16.8





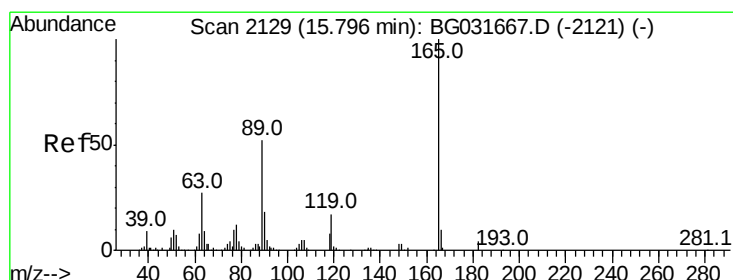
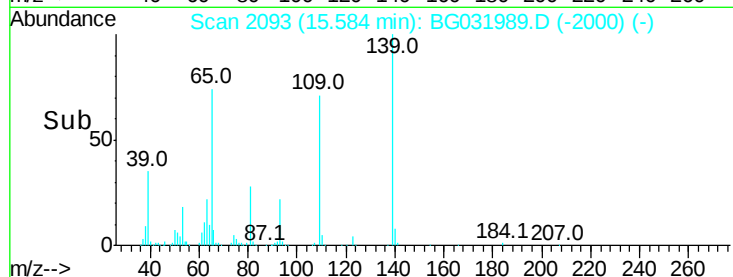
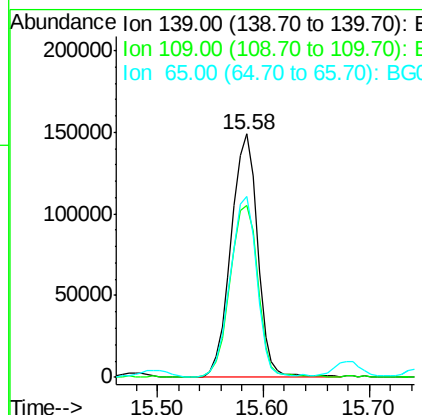
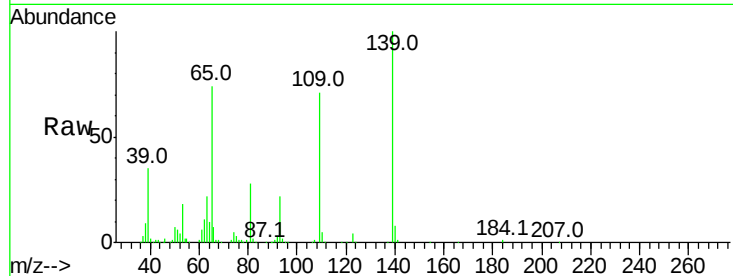
#55
4-Nitrophenol
Concen: 102.941 ng
RT: 15.58 min Scan# 2093
Delta R.T. 0.01 min
Lab File: BG031989.D
Acq: 11 Jan 2018 18:16

Instrument :
BNA_G
ClientSampleId :
NB-08-010918MSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	259736		
109	70.9	62.2	102.2	
65	74.0	97.2	137.2	

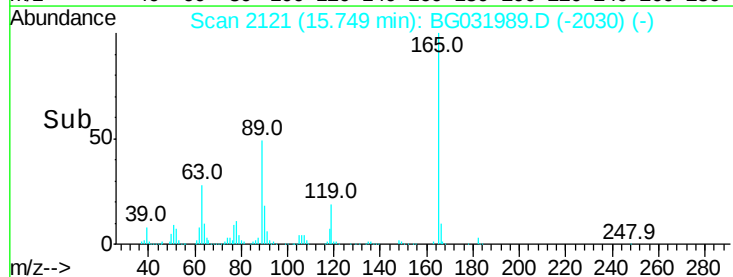
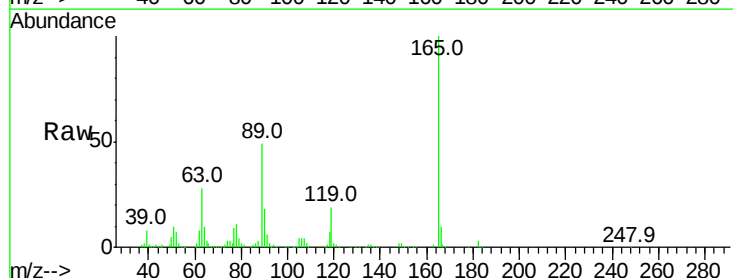
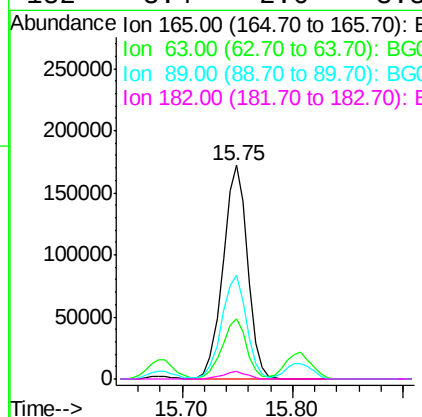
Manual Integrations
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#56
2,4-Dinitrotoluene
Concen: 65.208 ng
RT: 15.75 min Scan# 2121
Delta R.T. 0.00 min
Lab File: BG031989.D
Acq: 11 Jan 2018 18:16

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	266427		
63	28.1	42.0	63.0	
89	48.7	66.9	100.3	
182	3.4	2.6	3.8	





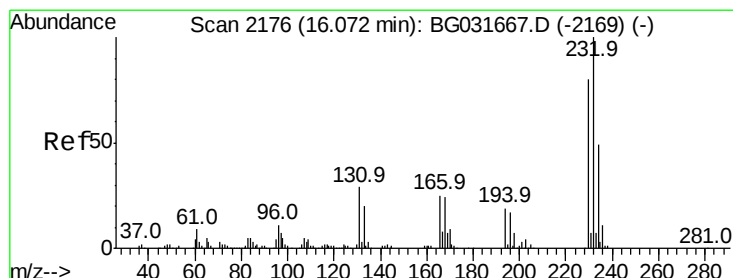
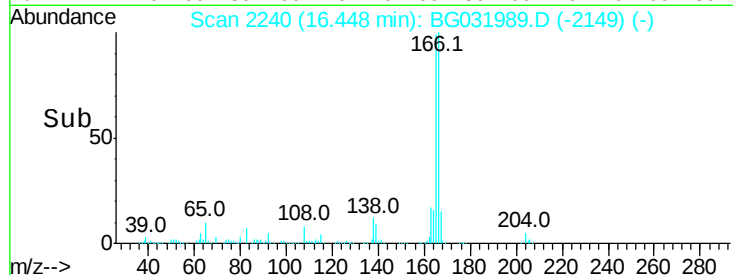
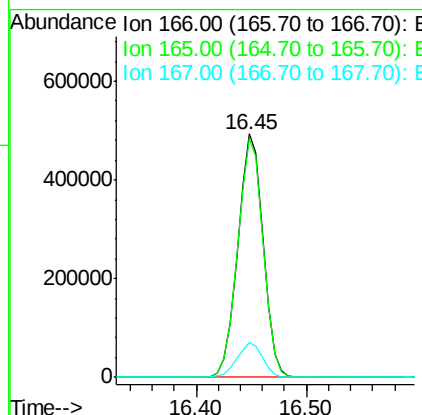
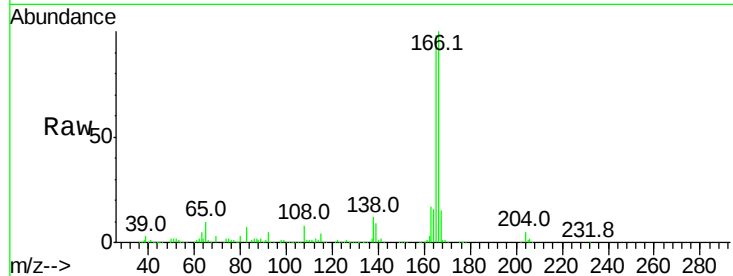
#57
 Fluorene
 Concen: 47.486 ng
 RT: 16.45 min Scan# 2240
 Delta R.T. 0.00 min
 Lab File: BG031989.D
 Acq: 11 Jan 2018 18:16

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-010918MSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100	791380		
165	98.1	80.6	121.0	
167	14.6	10.4	15.6	

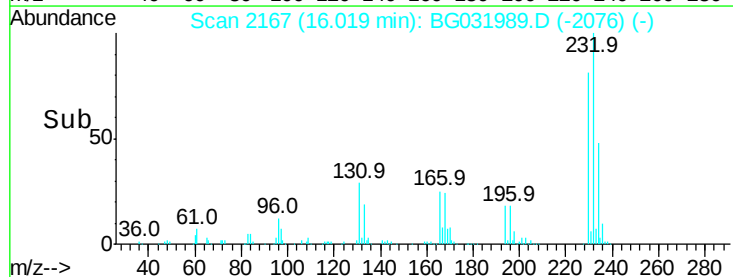
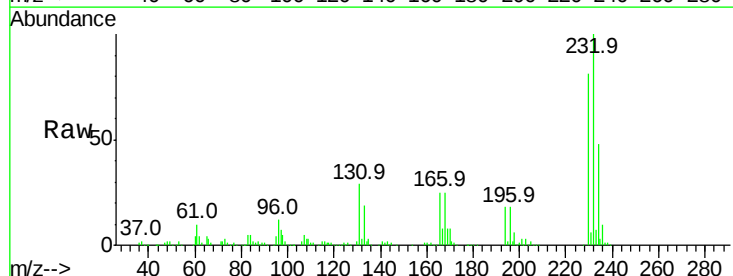
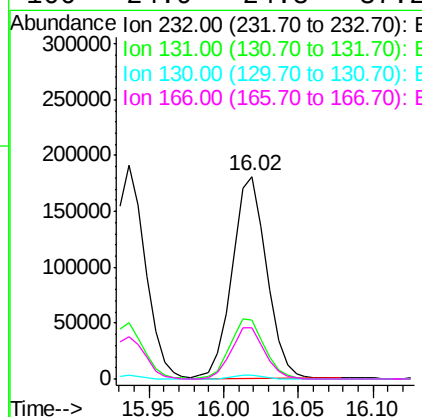
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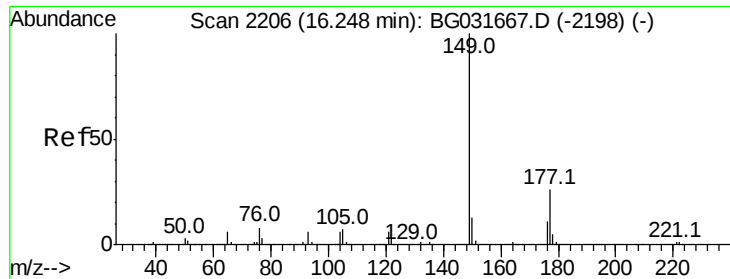
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 56.590 ng
 RT: 16.02 min Scan# 2167
 Delta R.T. 0.00 min
 Lab File: BG031989.D
 Acq: 11 Jan 2018 18:16

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	291337		
131	29.8	33.5	50.3#	
130	1.9	2.2	3.2#	
166	24.9	24.8	37.2	





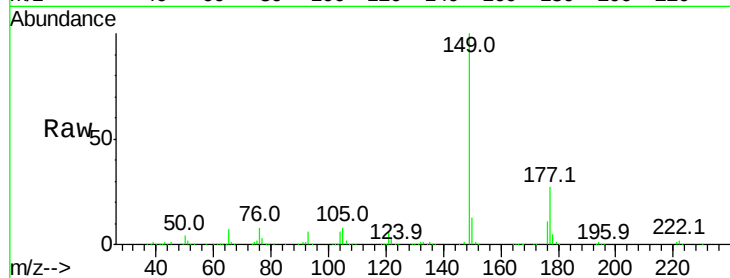
#59
Diethylphthalate
Concen: 48.634 ng
RT: 16.18 min Scan# 2195
Delta R.T. 0.00 min
Lab File: BG031989.D
Acq: 11 Jan 2018 18:16

Instrument :
BNA_G
ClientSampleId :
NB-08-010918MSD

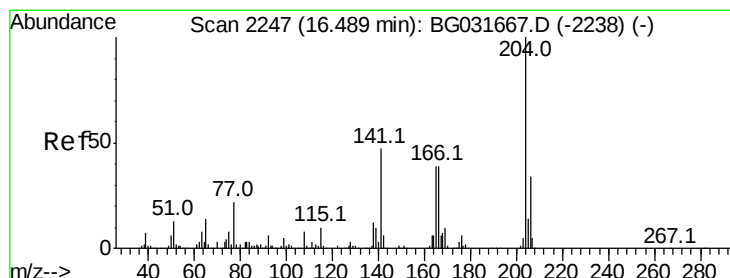
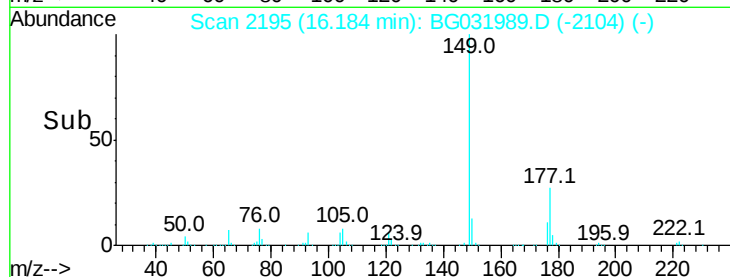
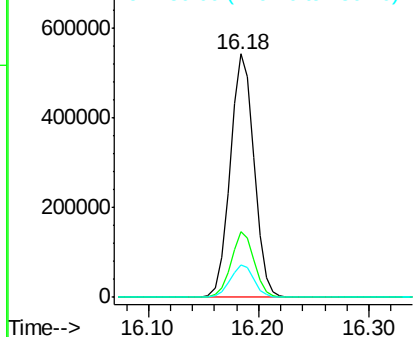
Tot Ion	Ratio	Lower	Upper
149	100		
177	26.8	18.5	27.7
150	13.1	10.2	15.2

Manual Integrations
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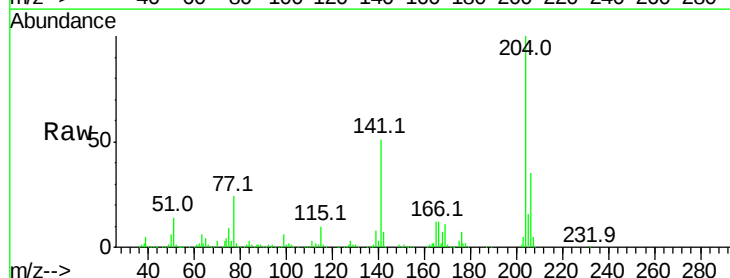


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

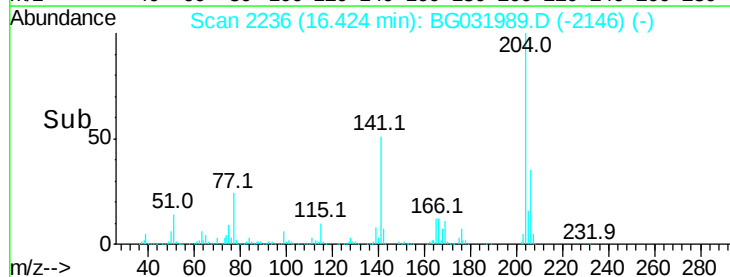
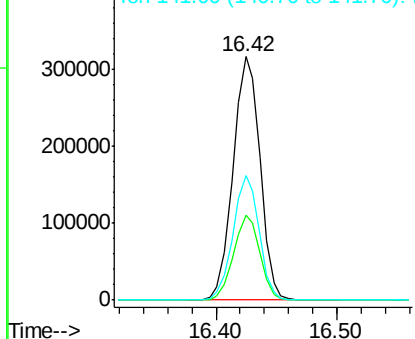


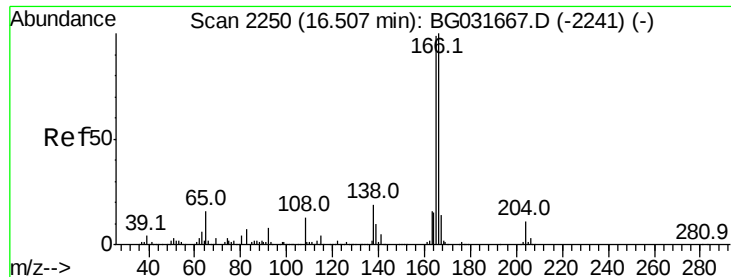
#60
4-Chlorophenyl-phenylether
Concen: 48.092 ng
RT: 16.42 min Scan# 2236
Delta R.T. -0.00 min
Lab File: BG031989.D
Acq: 11 Jan 2018 18:16

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.7	26.2	39.2
141	51.0	45.8	68.6



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





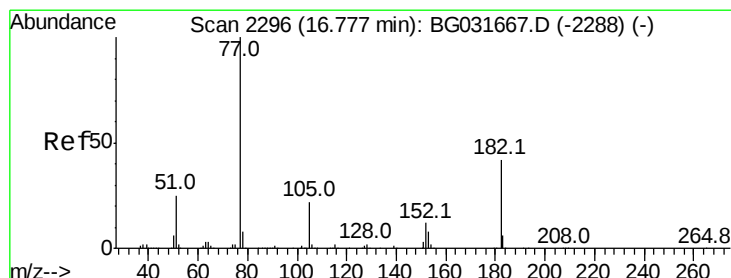
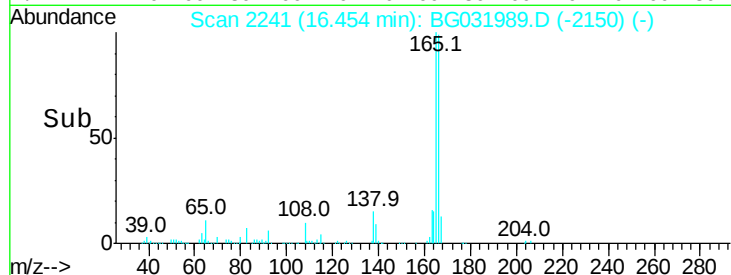
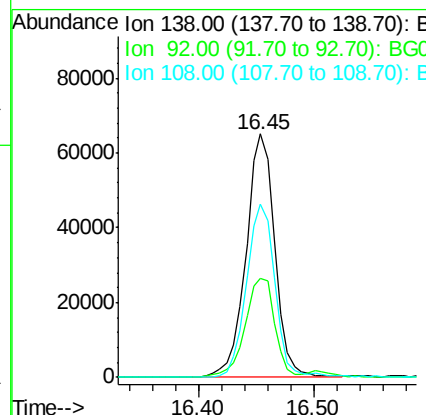
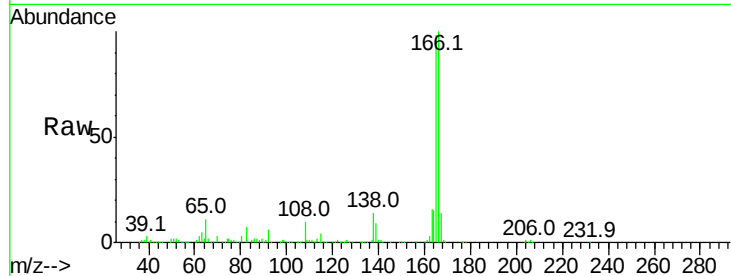
#61
4-Nitroaniline
Concen: 37.233 ng
RT: 16.45 min Scan# 2241
Delta R.T. 0.00 min
Lab File: BG031989.D
Acq: 11 Jan 2018 18:16

Instrument :
BNA_G
ClientSampleId :
NB-08-010918MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	40.8	40.1	80.1
108	71.3	65.4	105.4

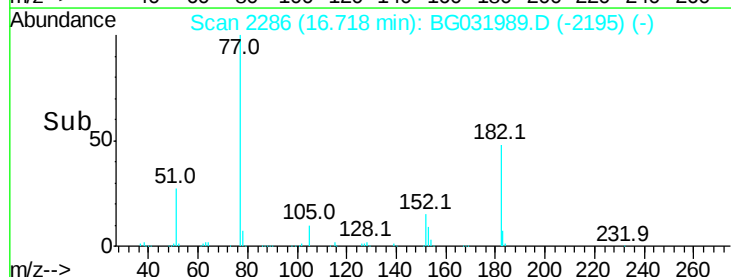
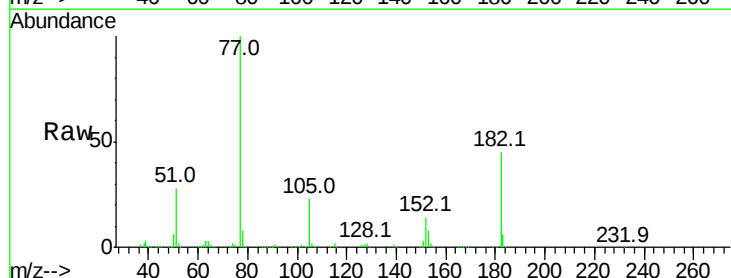
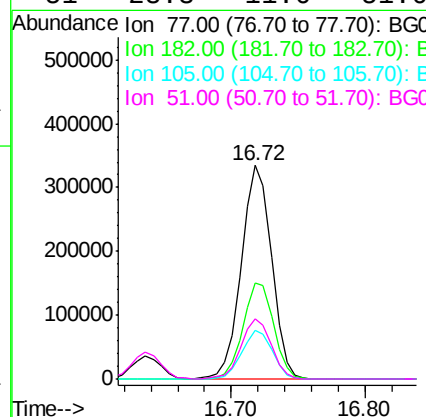
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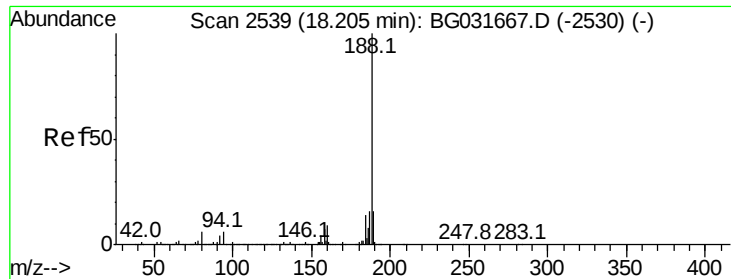
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#62
Azobenzene
Concen: 48.357 ng
RT: 16.72 min Scan# 2286
Delta R.T. 0.00 min
Lab File: BG031989.D
Acq: 11 Jan 2018 18:16

Tgt Ion	Ratio	Lower	Upper
77	100		
182	45.0	7.4	47.4
105	23.0	0.3	40.3
51	28.3	11.6	51.6





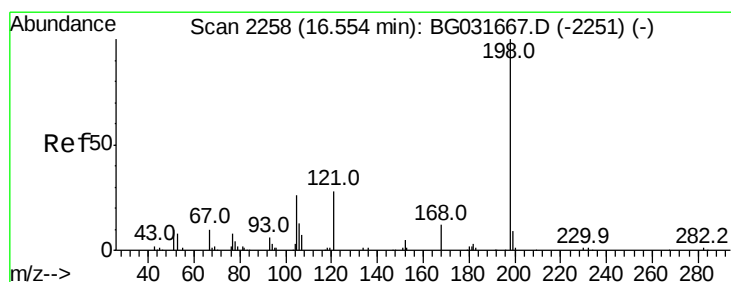
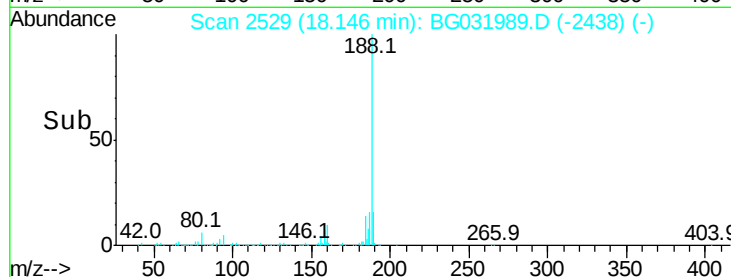
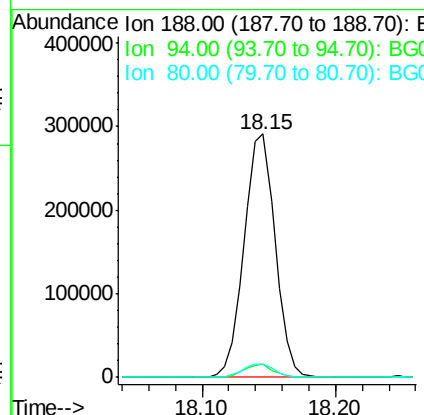
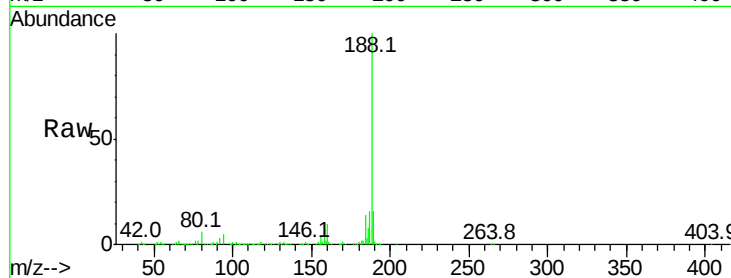
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.15 min Scan# 2529
 Delta R.T. 0.00 min
 Lab File: BG031989.D
 Acq: 11 Jan 2018 18:16

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-010918MSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	5.3	6.9	10.3#	
80	5.7	7.7	11.5#	

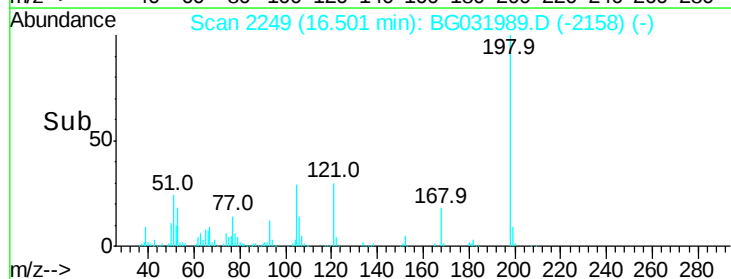
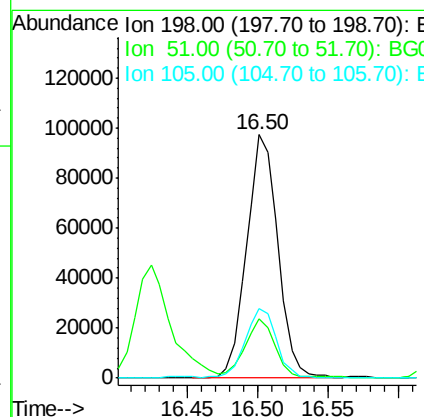
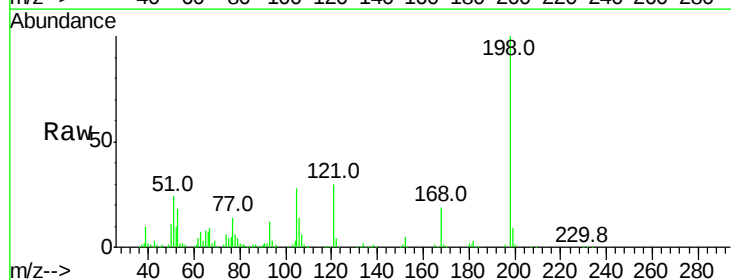
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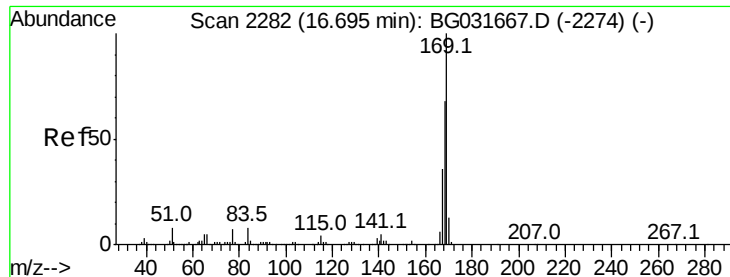
Sohil
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#64
 4,6-Dinitro-2-methylphenol
 Concen: 63.451 ng
 RT: 16.50 min Scan# 2249
 Delta R.T. 0.00 min
 Lab File: BG031989.D
 Acq: 11 Jan 2018 18:16

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	24.2	30.6	70.6#	
105	28.4	23.8	63.8	





#65

n-Nitrosodiphenylamine

Concen: 47.553 ng

RT: 16.64 min Scan# 2272

Delta R.T. 0.00 min

Lab File: BG031989.D

Acq: 11 Jan 2018 18:16

Instrument :

BNA_G

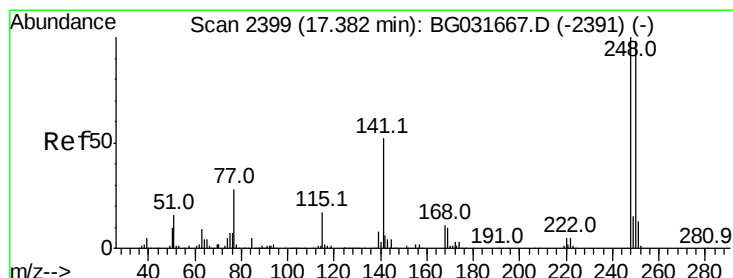
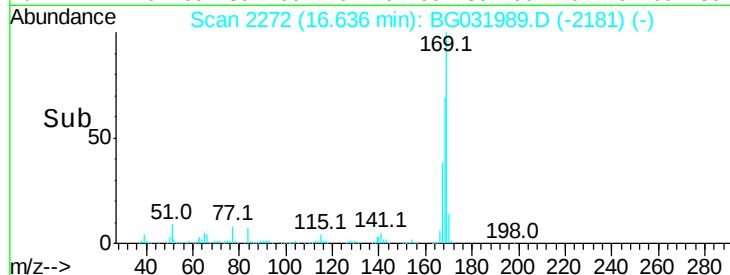
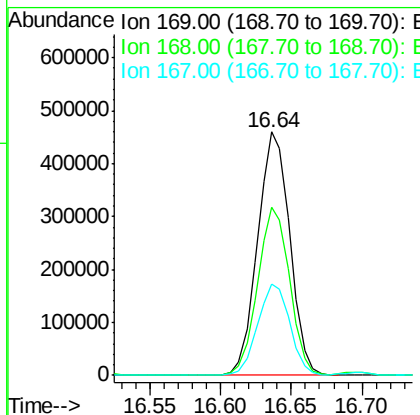
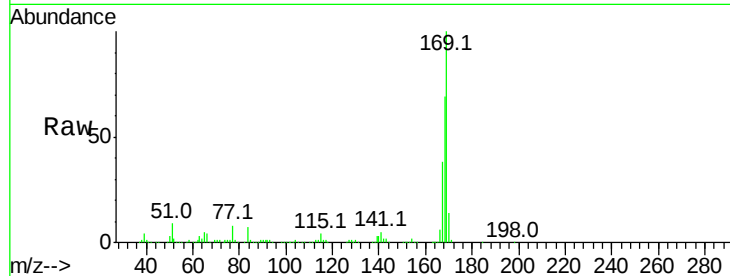
ClientSampleId :

NB-08-010918MSD

Tot Ion:	169	Resp:	737648
Ion Ratio	Lower	Upper	
169	100		
168	69.0	55.7	83.5
167	37.6	30.1	45.1

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#66

4-Bromophenyl-phenylether

Concen: 52.199 ng

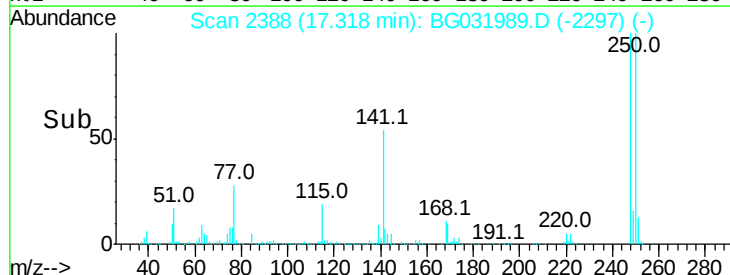
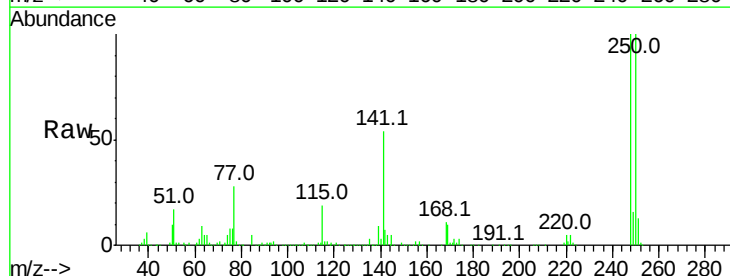
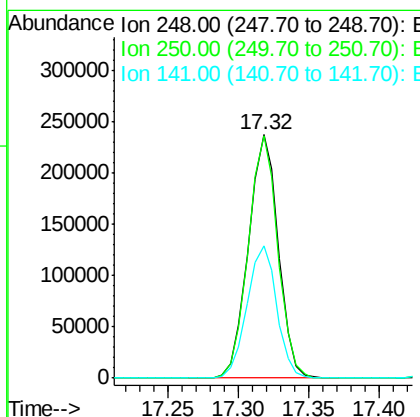
RT: 17.32 min Scan# 2388

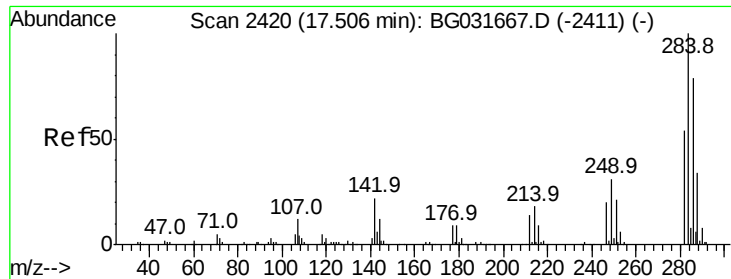
Delta R.T. 0.00 min

Lab File: BG031989.D

Acq: 11 Jan 2018 18:16

Tgt Ion:	248	Resp:	352550
Ion Ratio	Lower	Upper	
248	100		
250	99.5	77.1	115.7
141	54.1	50.8	76.2





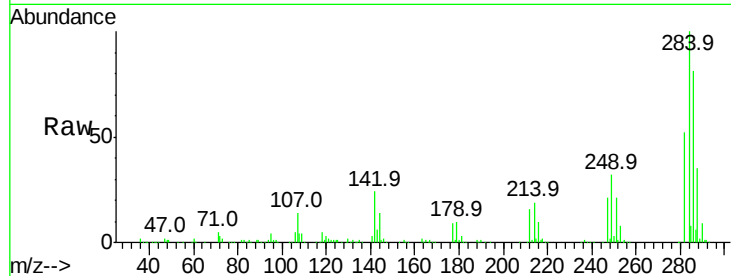
#67
Hexachlorobenzene
Concen: 51.750 ng
RT: 17.45 min Scan# 2410
Delta R.T. 0.00 min
Lab File: BG031989.D
Acq: 11 Jan 2018 18:16

Instrument :
BNA_G
ClientSampleId :
NB-08-010918MSD

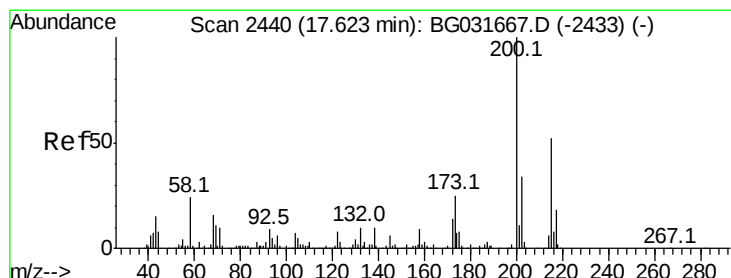
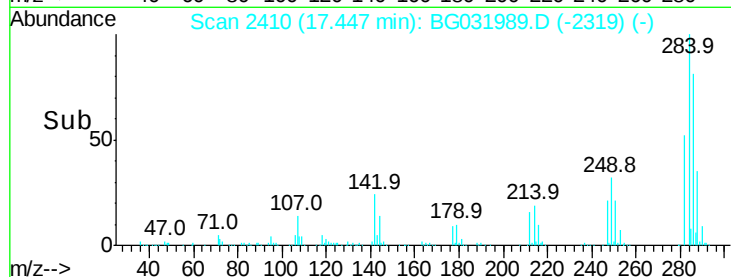
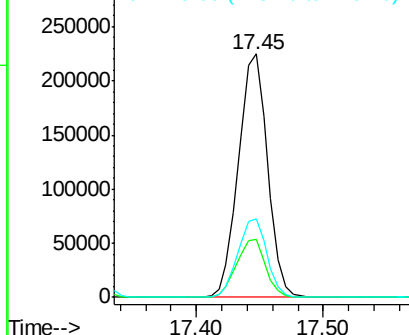
Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	23.9	26.8	40.2	#
249	32.5	26.3	39.5	

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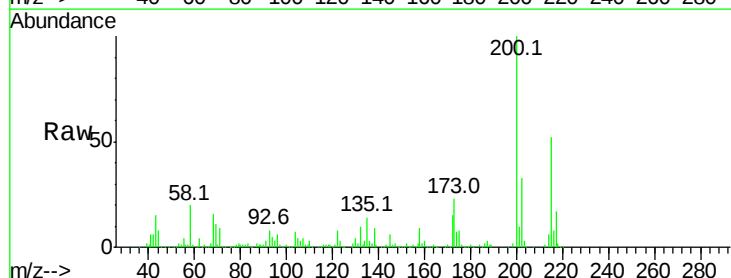


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

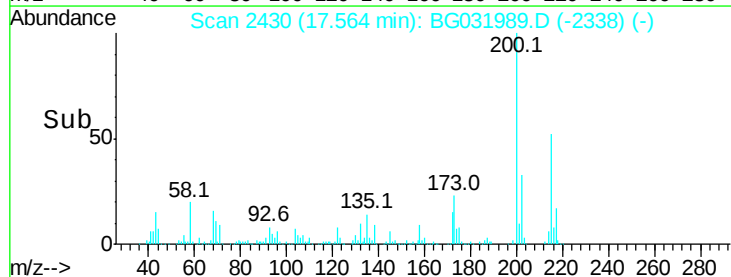
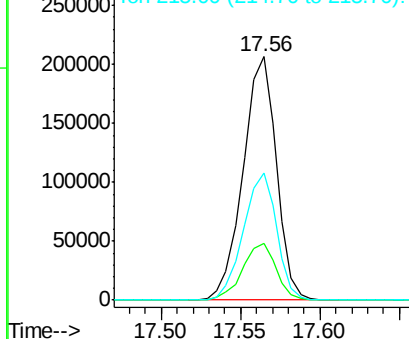


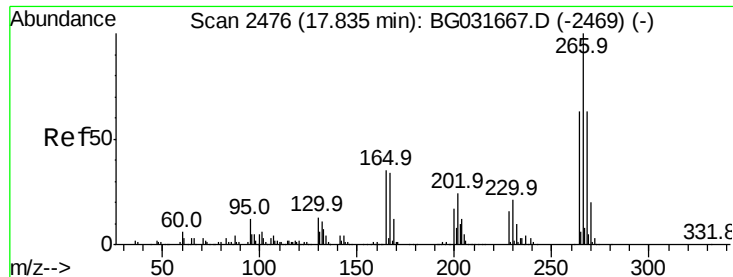
#68
Atrazine
Concen: 49.997 ng
RT: 17.56 min Scan# 2430
Delta R.T. 0.01 min
Lab File: BG031989.D
Acq: 11 Jan 2018 18:16

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	23.1	5.2	45.2	
215	52.1	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





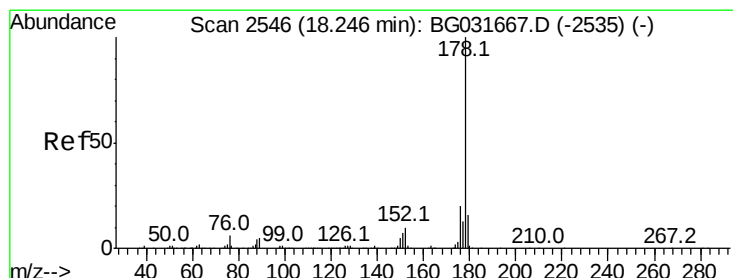
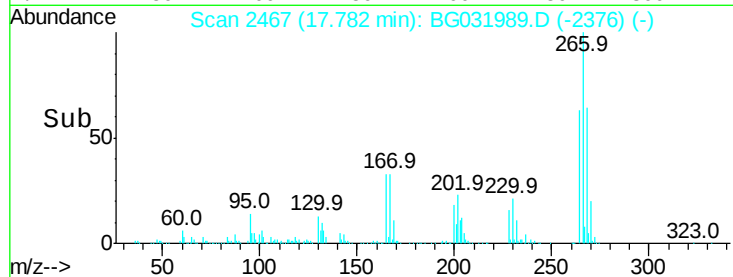
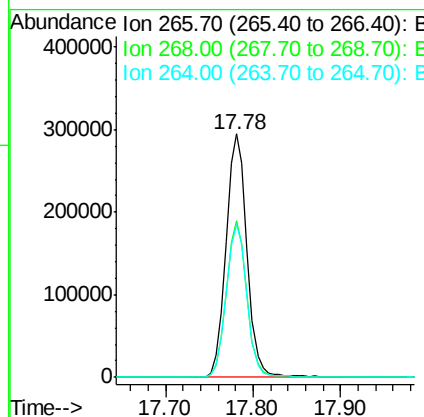
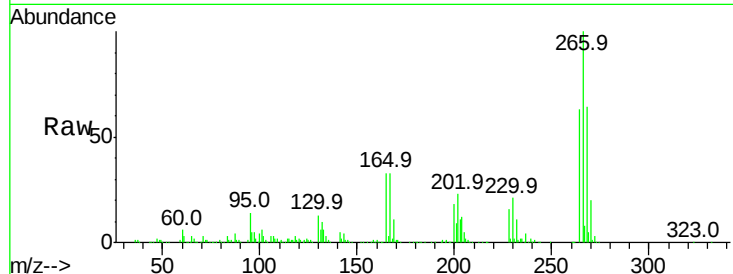
#69
 Pentachlorophenol
 Concen: 102.381 ng
 RT: 17.78 min Scan# 2467
 Delta R.T. 0.00 min
 Lab File: BG031989.D
 Acq: 11 Jan 2018 18:16

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-010918MSD

Tot Ion:	266	Resp:	486200
Ion Ratio		Lower	Upper
266	100		
268	64.0	51.1	76.7
264	62.7	49.6	74.4

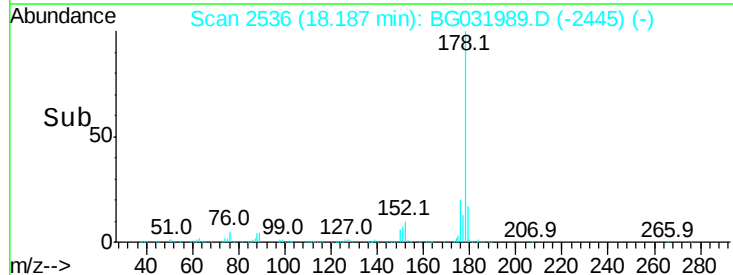
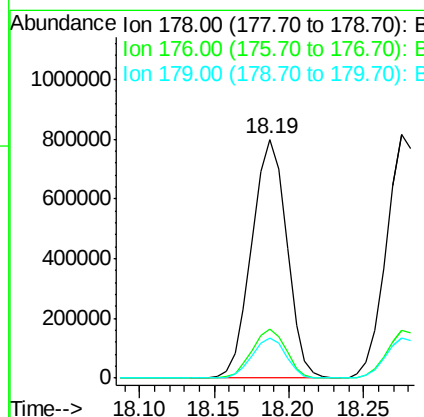
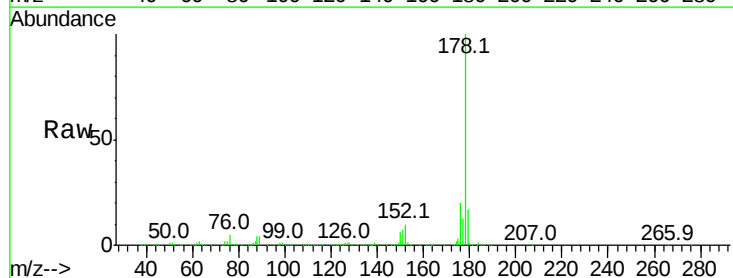
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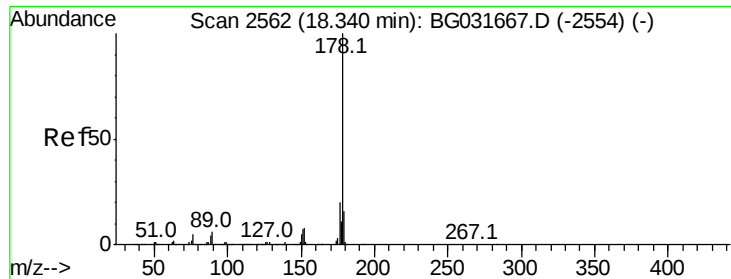
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#70
 Phenanthrene
 Concen: 49.127 ng
 RT: 18.19 min Scan# 2536
 Delta R.T. 0.00 min
 Lab File: BG031989.D
 Acq: 11 Jan 2018 18:16

Tgt Ion:	178	Resp:	1298526
Ion Ratio		Lower	Upper
178	100		
176	20.4	15.7	23.5
179	16.6	12.5	18.7





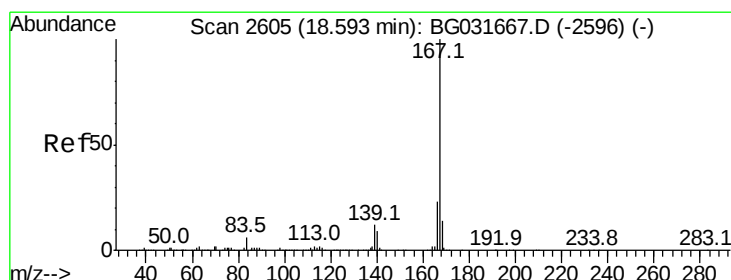
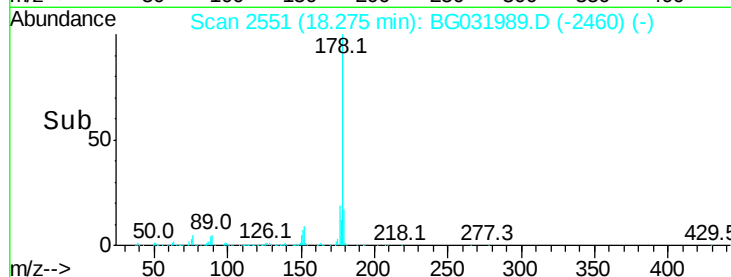
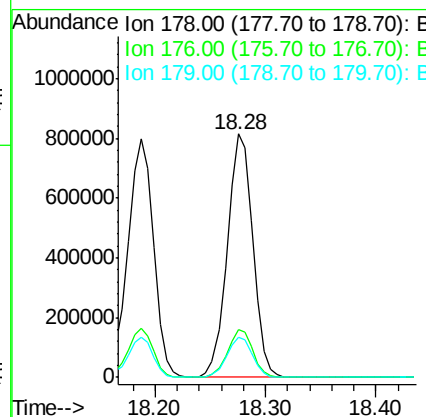
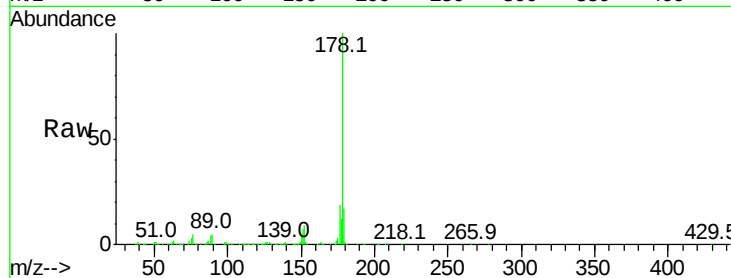
#71
 Anthracene
 Concen: 49.320 ng
 RT: 18.28 min Scan# 2551
 Delta R.T. 0.00 min
 Lab File: BG031989.D
 Acq: 11 Jan 2018 18:16

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-010918MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.0	24.0
179	16.5	12.5	18.7

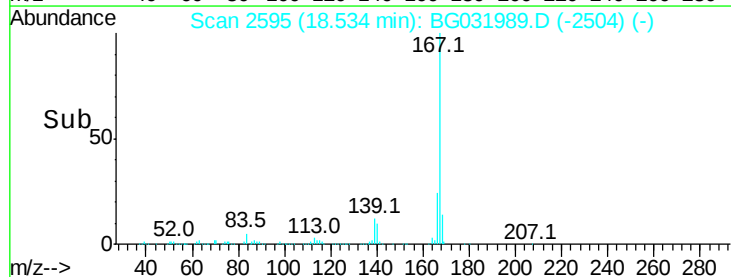
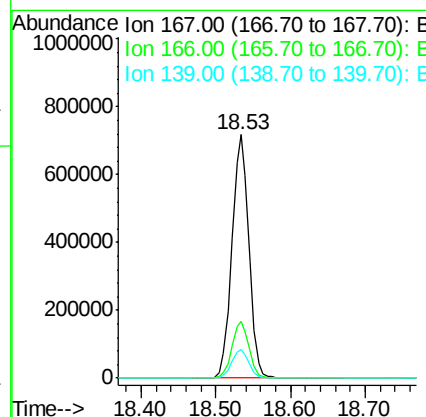
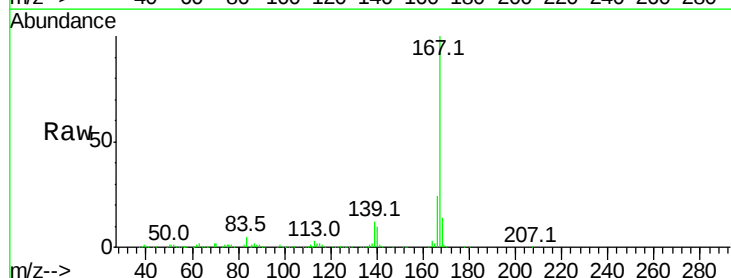
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#72
 Carbazole
 Concen: 48.239 ng
 RT: 18.53 min Scan# 2595
 Delta R.T. 0.00 min
 Lab File: BG031989.D
 Acq: 11 Jan 2018 18:16

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.5	18.2	27.4
139	12.0	9.4	14.2





#73

Di-n-butylphthalate

Concen: 48.592 ng

RT: 19.04 min Scan# 2681

Delta R.T. -0.00 min

Lab File: BG031989.D

Acq: 11 Jan 2018 18:16

Instrument :

BNA_G

ClientSampleId :

NB-08-010918MSD

Tot Ion:149 Resp: 1274406

Ion Ratio Lower Upper

149 100

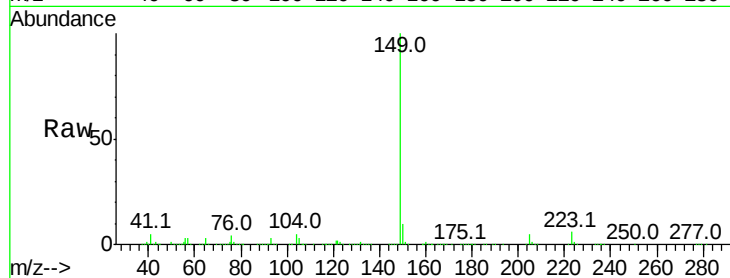
150 10.5 7.8 11.6

104 4.7 3.9 5.9

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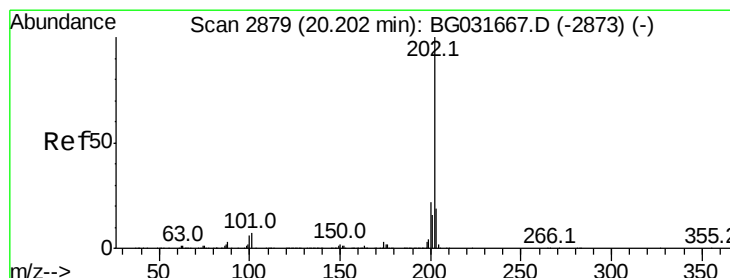
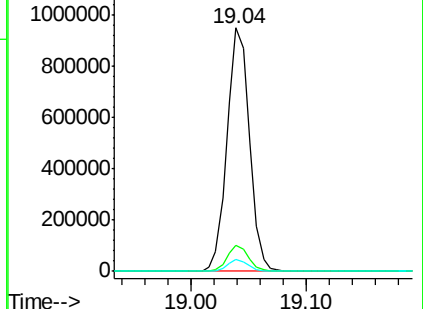
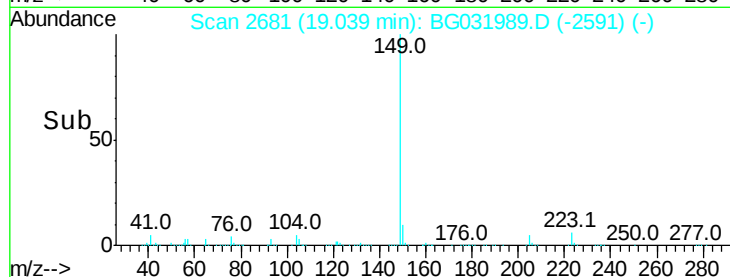
1/12/2018 10:39:24 AM



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: 48.496 ng

RT: 20.14 min Scan# 2869

Delta R.T. 0.00 min

Lab File: BG031989.D

Acq: 11 Jan 2018 18:16

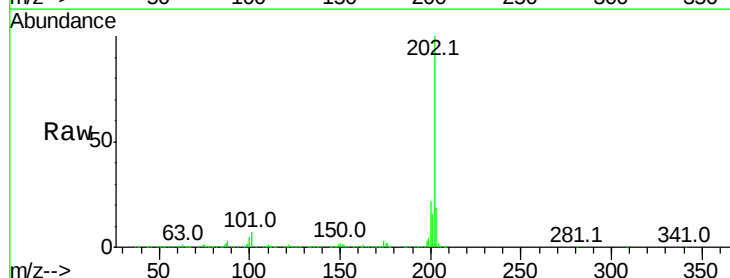
Tgt Ion:202 Resp: 1572841

Ion Ratio Lower Upper

202 100

101 6.6 0.0 28.9

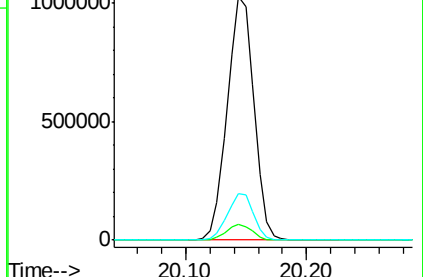
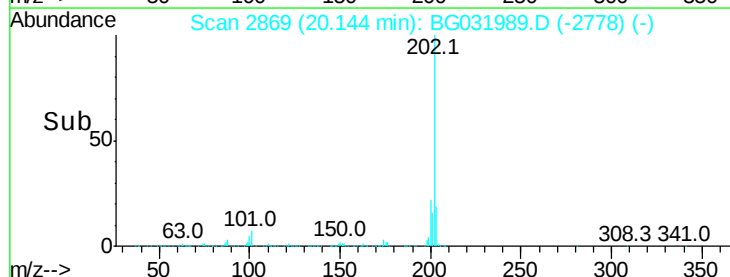
203 19.3 0.0 37.5

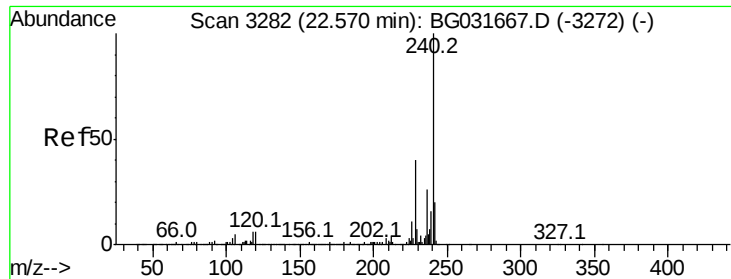


Abundance Ion 202.00 (201.70 to 202.70): E

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: BG031989.D

Acq: 11 Jan 2018 18:16

Instrument :

BNA_G

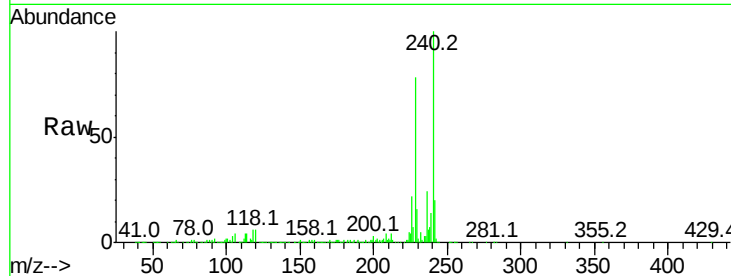
ClientSampleId :

NB-08-010918MSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	6.3	6.8	10.2#
236	24.4	20.9	31.3

Manual Integrations
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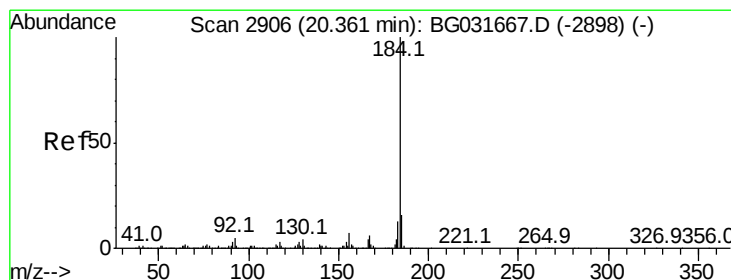
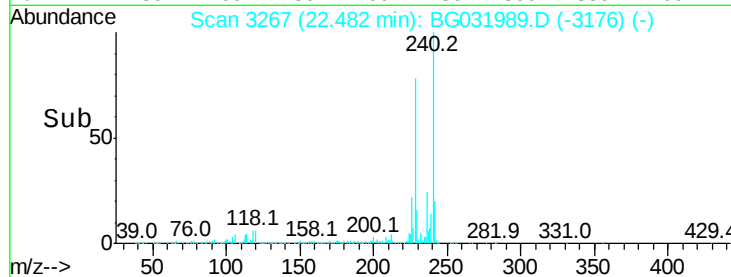
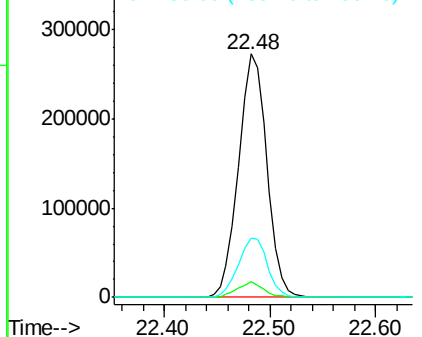
Sohil
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 7.699 ng m

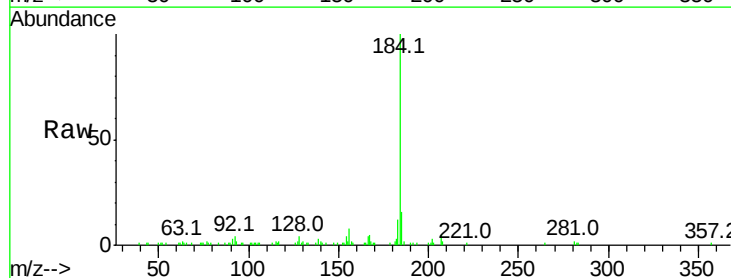
RT: 20.31 min Scan# 2897

Delta R.T. 0.01 min

Lab File: BG031989.D

Acq: 11 Jan 2018 18:16

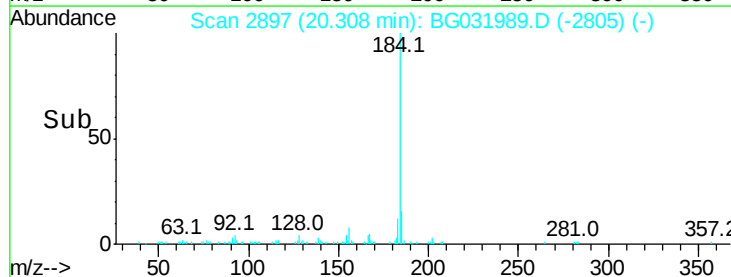
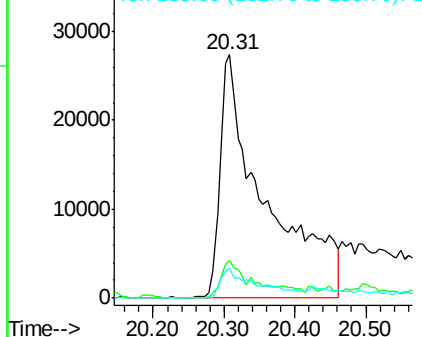
Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.6	11.1	16.7
183	12.4	10.6	16.0

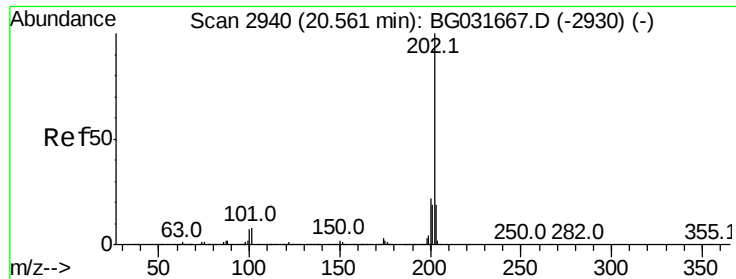


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 49.066 ng

RT: 20.50 min Scan# 2930

Delta R.T. 0.00 min

Lab File: BG031989.D

Acq: 11 Jan 2018 18:16

Instrument :

BNA_G

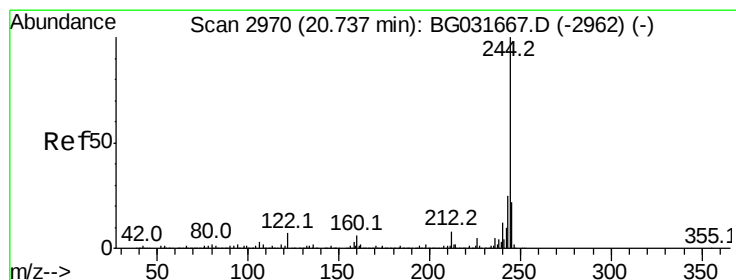
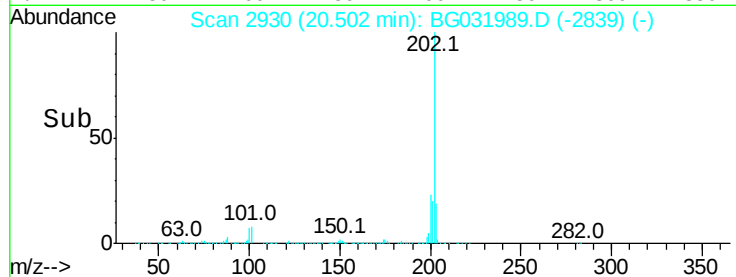
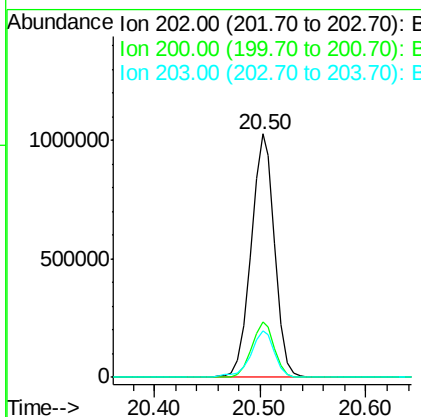
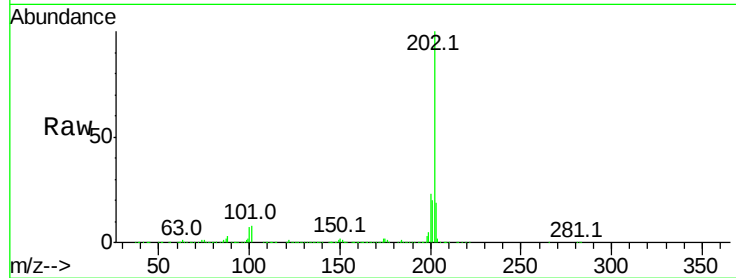
ClientSampleId :

NB-08-010918MSD

Tot Ion:	202	Resp:	1587026
Ion Ratio	Lower	Upper	
202	100		
200	23.0	16.9	25.3
203	19.2	13.9	20.9

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#78

Terphenyl-d14

Concen: 98.504 ng

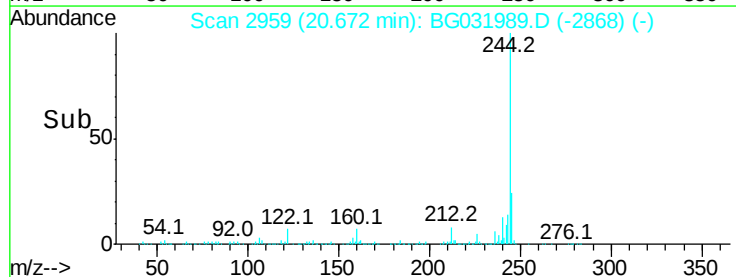
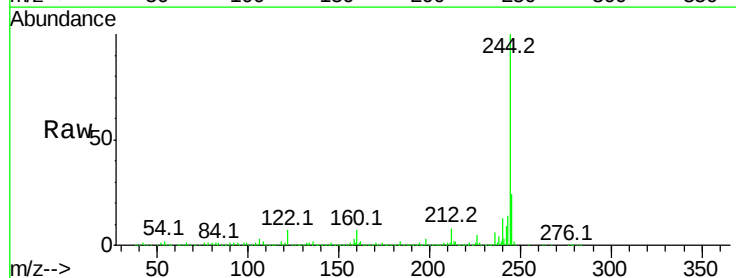
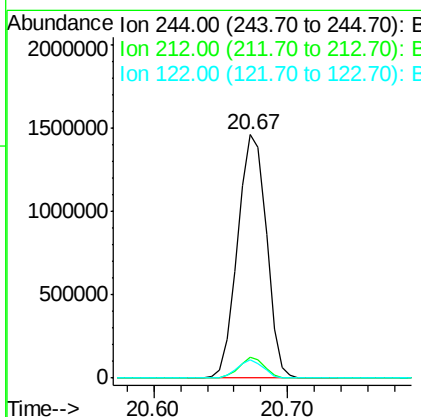
RT: 20.67 min Scan# 2959

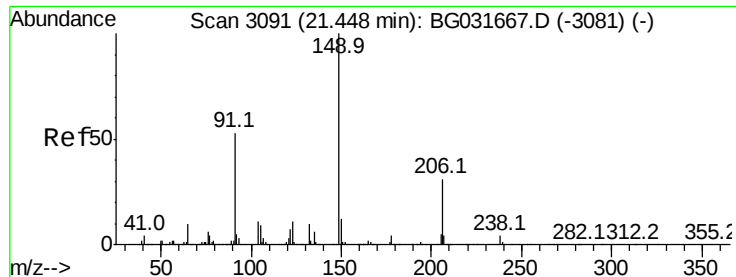
Delta R.T. 0.00 min

Lab File: BG031989.D

Acq: 11 Jan 2018 18:16

Tgt Ion:	244	Resp:	2183208
Ion Ratio	Lower	Upper	
244	100		
212	8.4	5.8	8.8
122	7.4	7.0	10.4





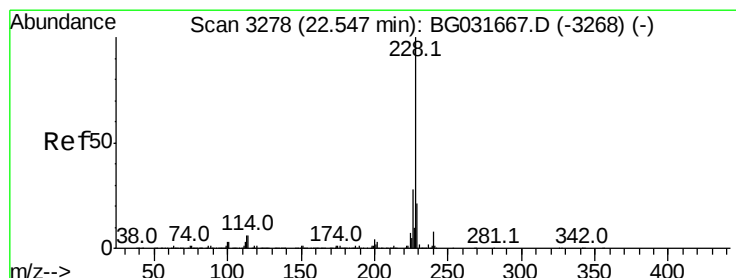
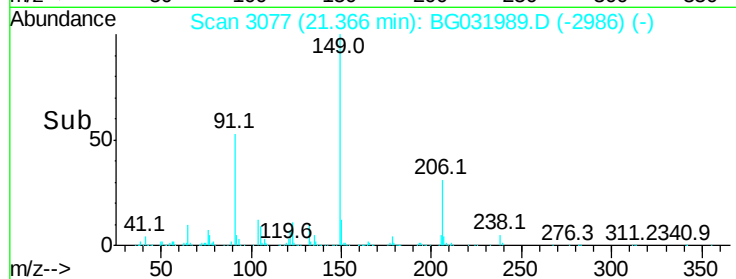
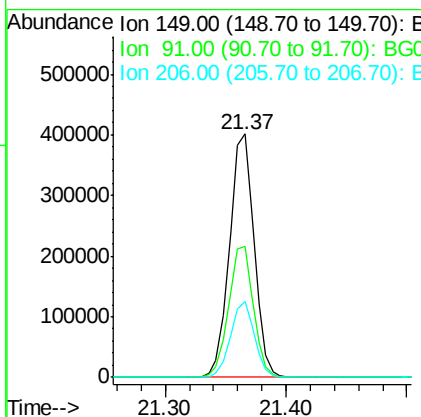
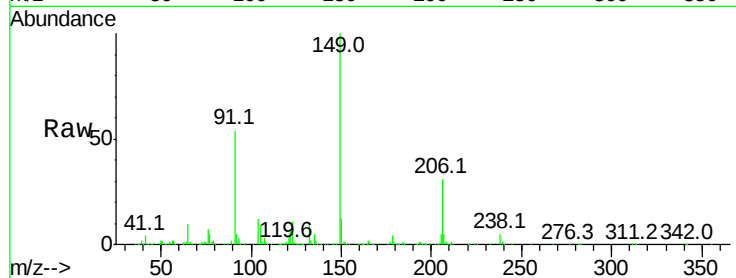
#79
Butylbenzylphthalate
Concen: 52.661 ng
RT: 21.37 min Scan# 3077
Delta R.T. 0.00 min
Lab File: BG031989.D
Acq: 11 Jan 2018 18:16

Instrument :
BNA_G
ClientSampleId :
NB-08-010918MSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	53.6	62.2	93.2#
206	30.9	18.6	27.8#

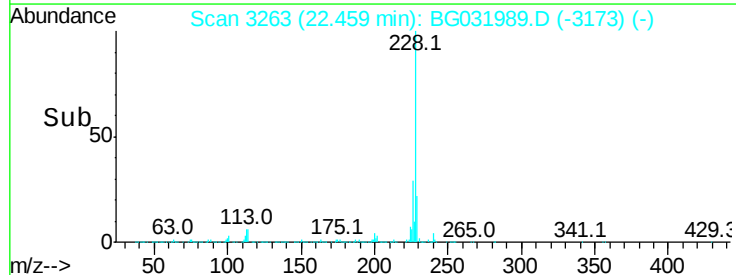
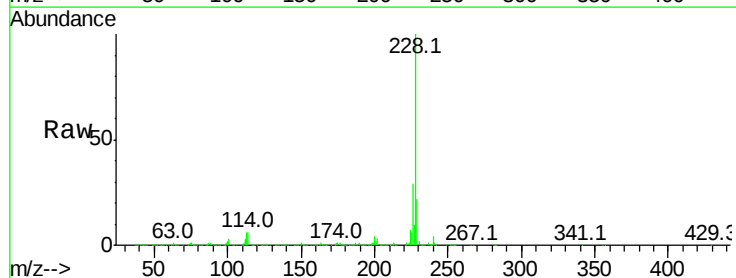
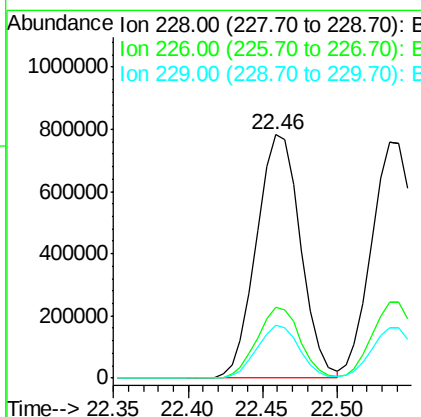
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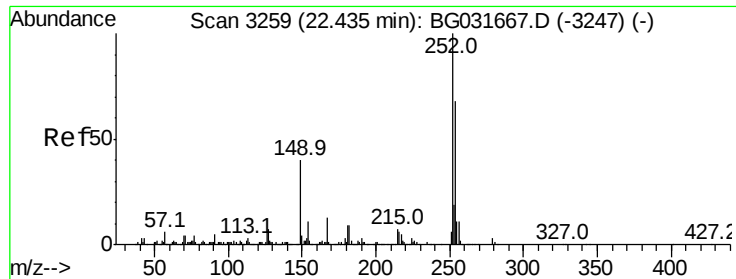
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#80
Benzo(a)anthracene
Concen: 49.827 ng
RT: 22.46 min Scan# 3263
Delta R.T. -0.00 min
Lab File: BG031989.D
Acq: 11 Jan 2018 18:16

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.7	34.1
229	22.0	16.2	24.2





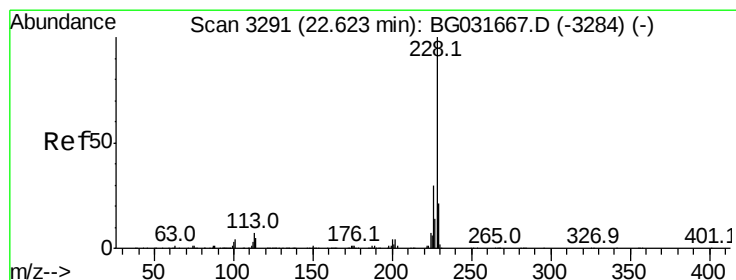
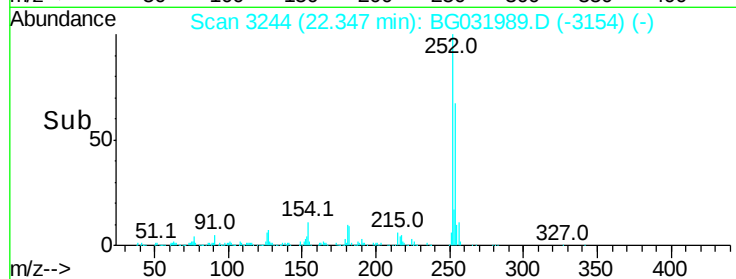
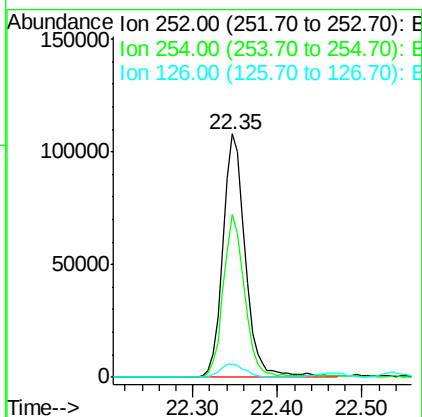
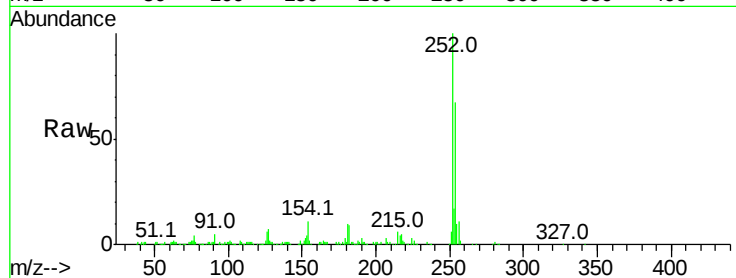
#81
 3,3'-Dichlorobenzidine
 Concen: 15.822 ng
 RT: 22.35 min Scan# 3244
 Delta R.T. -0.00 min
 Lab File: BG031989.D
 Acq: 11 Jan 2018 18:16

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-010918MSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	66.7	50.8	76.2
126	5.6	7.4	11.2

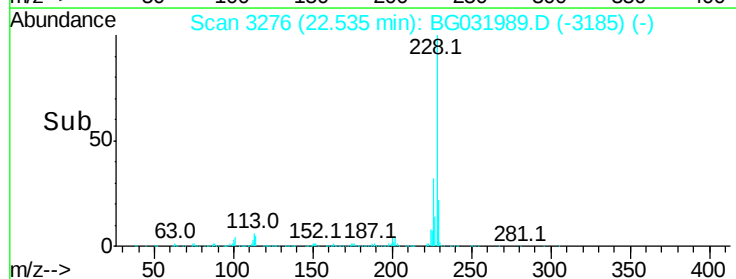
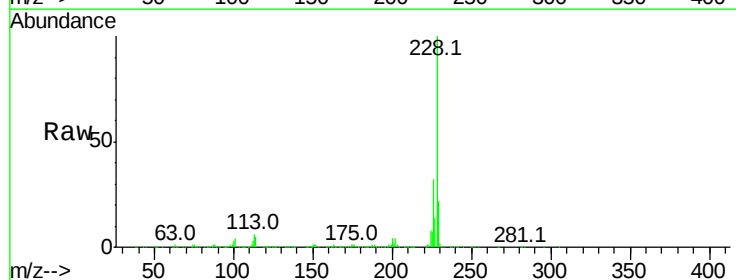
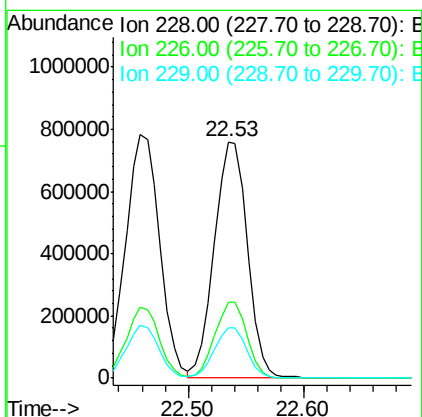
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#82
 Chrysene
 Concen: 49.306 ng
 RT: 22.53 min Scan# 3276
 Delta R.T. 0.00 min
 Lab File: BG031989.D
 Acq: 11 Jan 2018 18:16

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.1	24.9	37.3
229	21.6	15.0	22.4





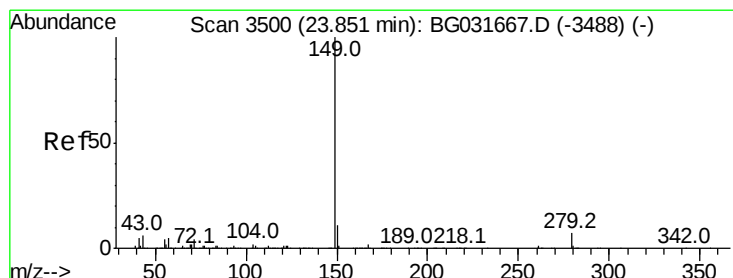
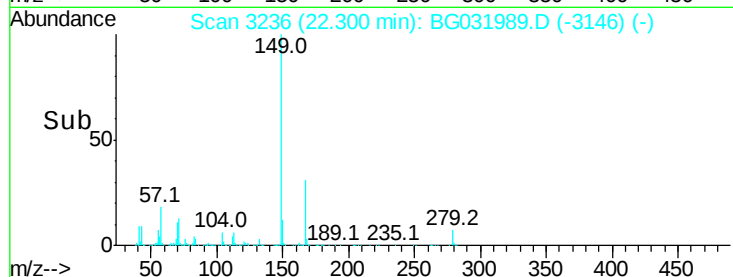
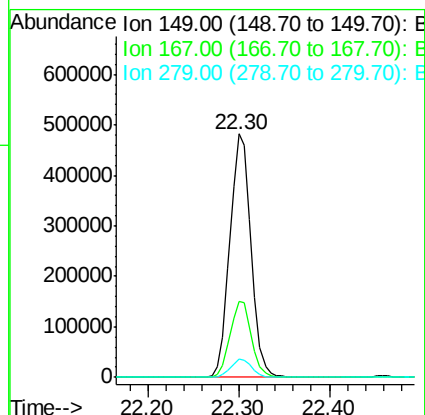
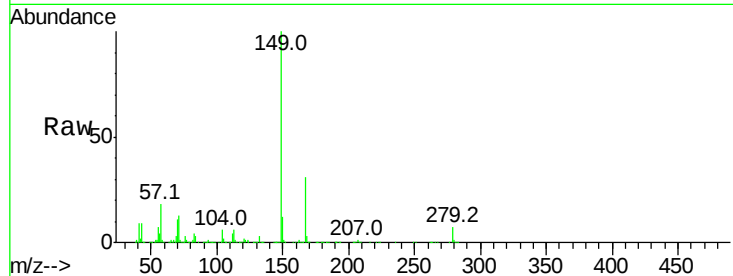
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 49.697 ng
 RT: 22.30 min Scan# 3236
 Delta R.T. -0.00 min
 Lab File: BG031989.D
 Acq: 11 Jan 2018 18:16

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-010918MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	31.3	24.3	36.5
279	7.3	4.0	6.0

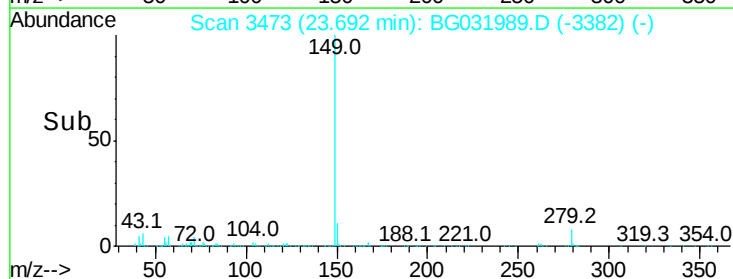
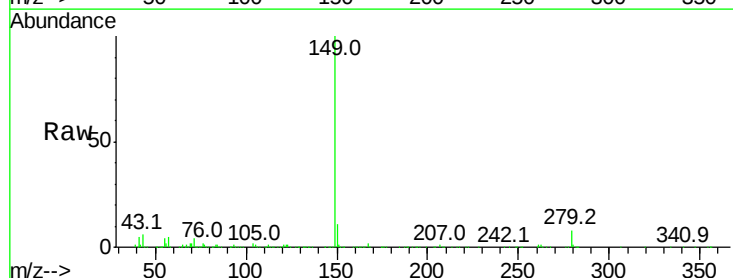
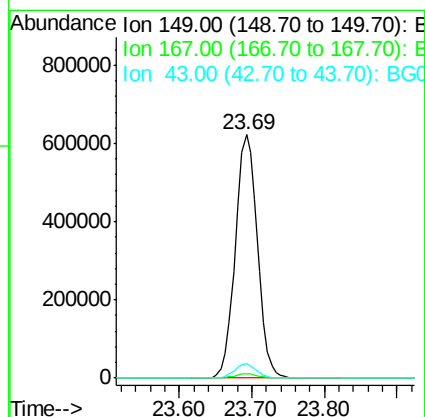
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#84
 Di-n-octyl phthalate
 Concen: 49.575 ng
 RT: 23.69 min Scan# 3473
 Delta R.T. 0.00 min
 Lab File: BG031989.D
 Acq: 11 Jan 2018 18:16

Tgt Ion	Ratio	Lower	Upper
149	100		
167	2.0	1.4	2.0
43	5.8	8.9	13.3





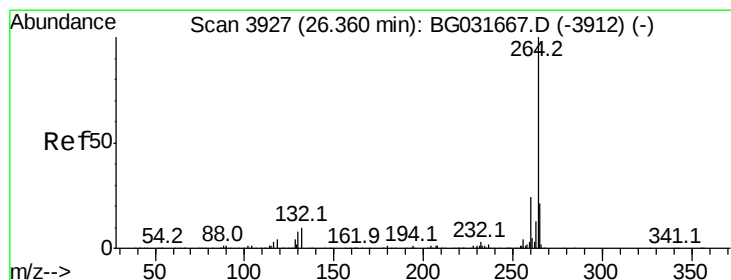
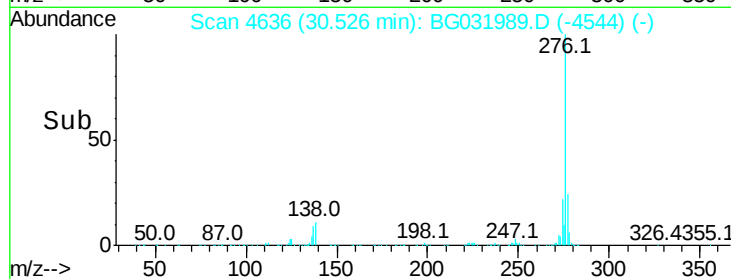
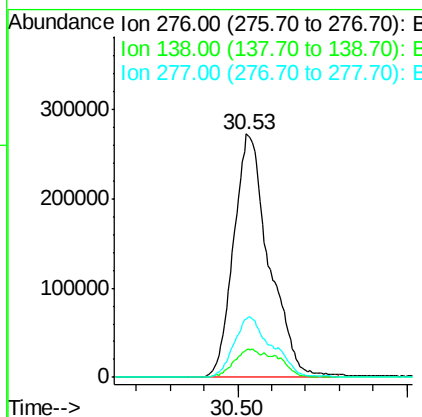
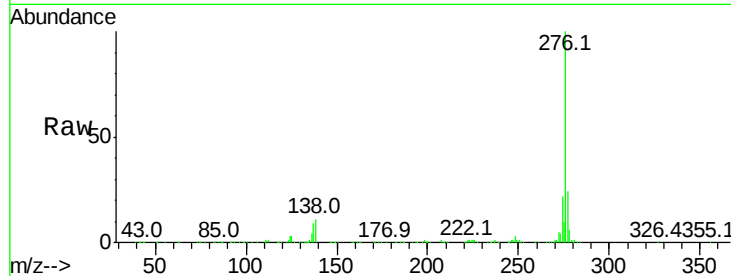
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 50.677 ng
 RT: 30.53 min Scan# 4636
 Delta R.T. 0.01 min
 Lab File: BG031989.D
 Acq: 11 Jan 2018 18:16

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-010918MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	8.1	16.0	24.0#
277	26.4	20.0	30.0

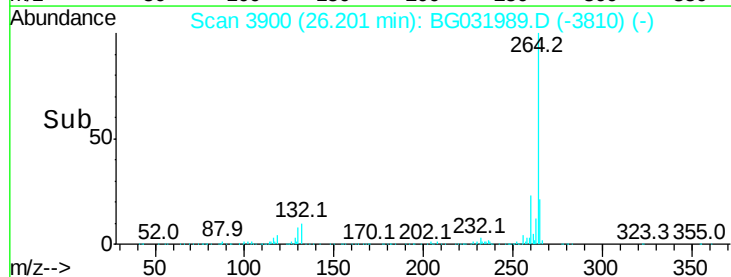
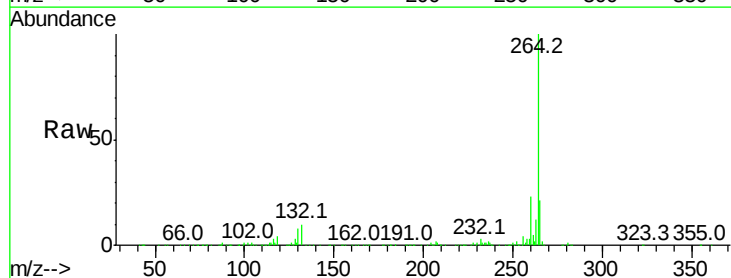
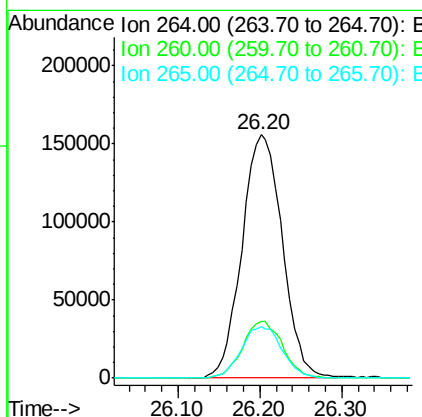
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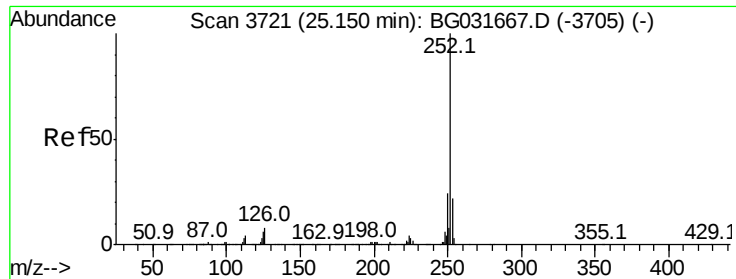
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.20 min Scan# 3900
 Delta R.T. -0.00 min
 Lab File: BG031989.D
 Acq: 11 Jan 2018 18:16

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	17.4	26.0
265	21.4	17.7	26.5





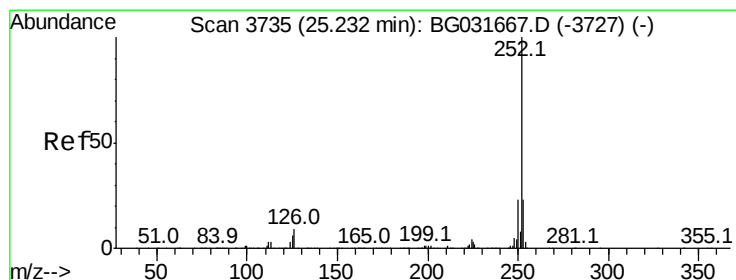
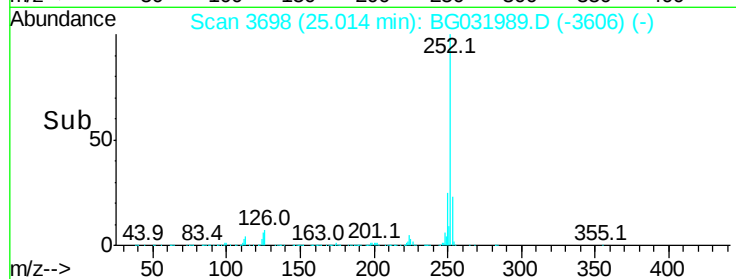
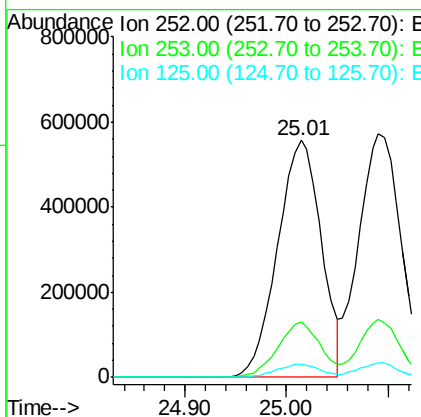
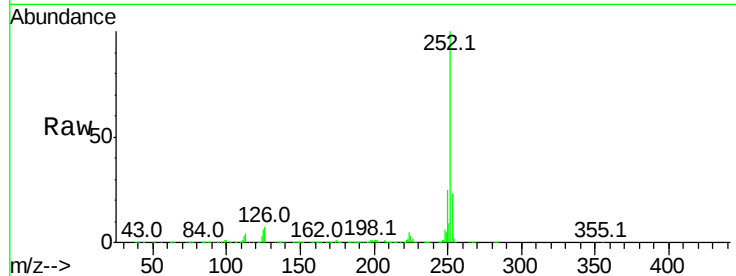
#87
Benzo(b)fluoranthene
Concen: 50.343 ng
RT: 25.01 min Scan# 3698
Delta R.T. 0.01 min
Lab File: BG031989.D
Acq: 11 Jan 2018 18:16

Instrument :
BNA_G
ClientSampleId :
NB-08-010918MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.2	27.4
125	5.6	7.2	10.8

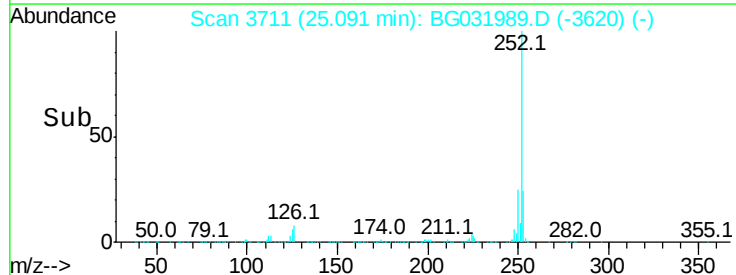
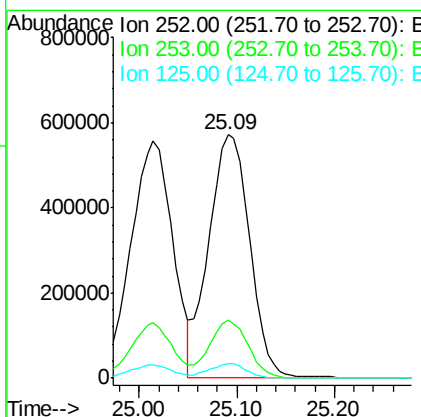
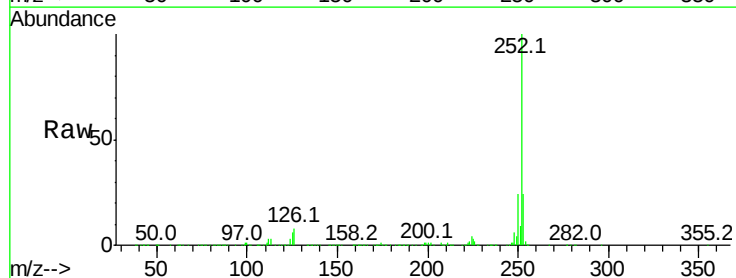
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#88
Benzo(k)fluoranthene
Concen: 49.650 ng
RT: 25.09 min Scan# 3711
Delta R.T. 0.00 min
Lab File: BG031989.D
Acq: 11 Jan 2018 18:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.4	26.2
125	5.9	6.6	9.8





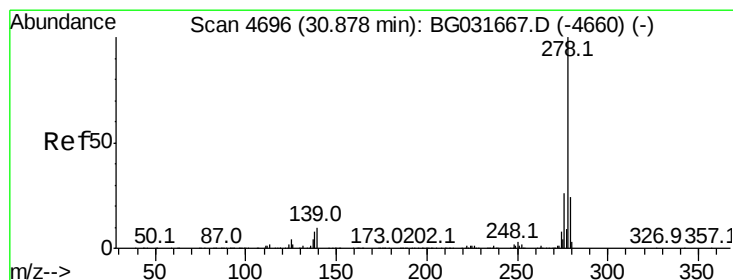
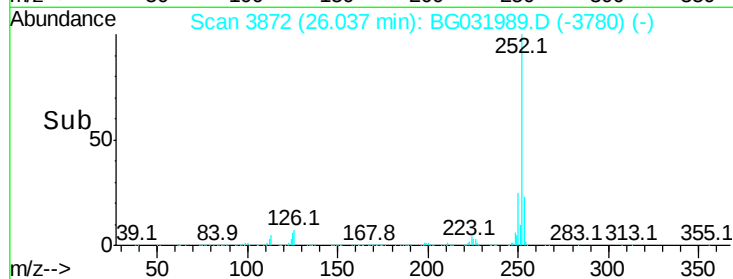
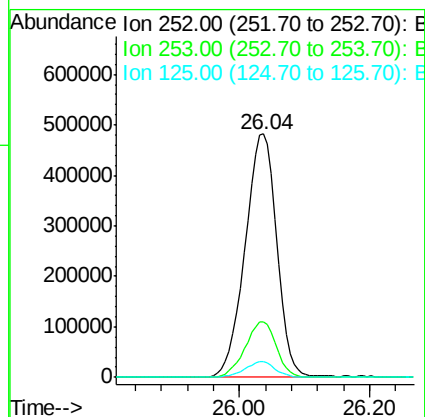
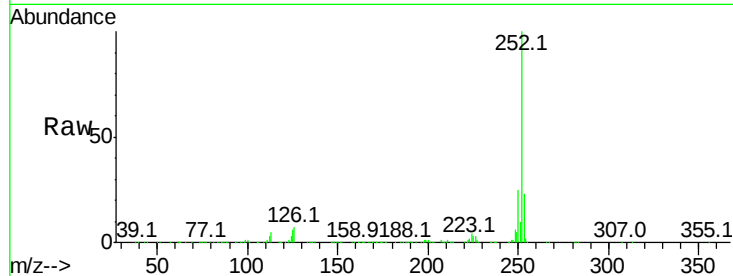
#89
Benzo(a)pyrene
Concen: 51.157 ng
RT: 26.04 min Scan# 3872
Delta R.T. 0.01 min
Lab File: BG031989.D
Acq: 11 Jan 2018 18:16

Instrument :
BNA_G
ClientSampleId :
NB-08-010918MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.3	27.5
125	6.4	7.3	10.9#

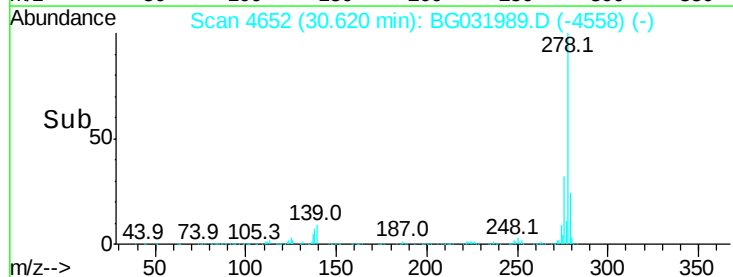
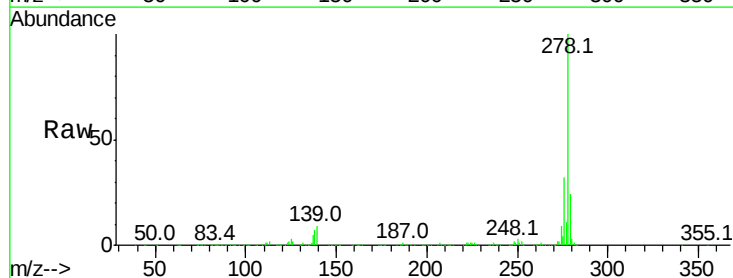
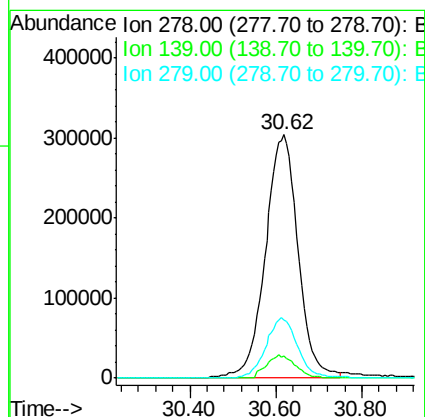
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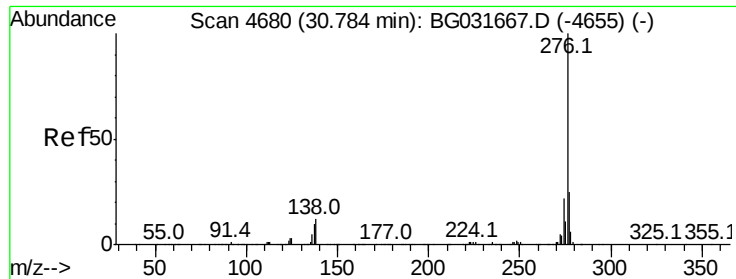
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#90
Dibenzo(a,h)anthracene
Concen: 49.100 ng
RT: 30.62 min Scan# 4652
Delta R.T. 0.02 min
Lab File: BG031989.D
Acq: 11 Jan 2018 18:16

Tgt Ion	Ratio	Lower	Upper
278	100		
139	9.3	9.8	14.6#
279	23.9	18.4	27.6





#91
 Benzo(a,h,i)perylene
 Concen: 51.135 ng
 RT: 30.53 min Scan# 4636
 Delta R.T. 0.01 min
 Lab File: BG031989.D
 Acq: 11 Jan 2018 18:16

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-010918MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.3	27.5
138	11.4	13.9	20.9

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