

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060617\
 Data File : BG027251.D
 Acq On : 6 Jun 2017 16:14
 Operator : SJ/MA
 Sample : I3437-01MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMP-1MSD

Manual Integrations
 APPROVED

mohammad
 6/8/2017 8:24:43 AM

Quant Time: Jun 06 19:01:47 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:00:35 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.56	152	49542	20.00	ng	-0.02
21) Naphthalene-d8	11.39	136	244021	20.00	ng	-0.01
38) Acenaphthene-d10	15.15	164	161696	20.00	ng	-0.01
63) Phenanthrene-d10	17.90	188	379627	20.00	ng	-0.02
75) Chrysene-d12	22.29	240	438442	20.00	ng	-0.02
86) Perylene-d12	25.99	264	411107	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	6.15	112	139180	42.87	ng	-0.01
7) Phenol-d6	7.70	99	486858	102.16	ng	0.00
23) Nitrobenzene-d5	9.73	82	332900	85.80	ng	-0.01
41) 2,4,6-Tribromophenol	16.63	330	69954	32.85	ng	-0.02
44) 2-Fluorobiphenyl	13.77	172	774915	67.04	ng	-0.02
78) Terphenyl-d14	20.48	244	1183741	68.87	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	4.16	88	44841	33.310	ng	# 79
3) Pyridine	4.54	79	132940	32.035	ng	# 75
4) n-Nitrosodimethylamine	4.45	42	60718	39.516	ng	# 50
6) Aniline	7.89	93	133195	22.194	ng	# 93
8) 2-Chlorophenol	8.13	128	112771	32.895	ng	91
9) Benzaldehyde	7.71	77	85081	25.821	ng	82
10) Phenol	7.73	94	215933	44.307	ng	# 76
11) bis(2-Chloroethyl)ether	7.97	93	150210	37.570	ng	84
12) 1,3-Dichlorobenzene	8.46	146	142919m	36.962	ng	
13) 1,4-Dichlorobenzene	8.60	146	146011	36.794	ng	96
14) 1,2-Dichlorobenzene	8.93	146	142240	36.750	ng	91
15) Benzyl Alcohol	8.79	79	150366	44.781	ng	# 85
16) 2,2'-oxybis(1-Chloropropan	9.07	45	224663	39.271	ng	92
17) 2-Methylphenol	8.98	107	146709	42.586	ng	# 85
18) Hexachloroethane	9.66	117	50444	37.736	ng	88
19) n-Nitroso-di-n-propylamine	9.35	70	128064	38.412	ng	# 86
20) 3+4-Methylphenols	9.30	107	202019	42.333	ng	88
22) Acetophenone	9.38	105	235337	37.711	ng	# 82
24) Nitrobenzene	9.77	77	179709	40.653	ng	# 85
25) Isophorone	10.29	82	352345	38.618	ng	# 96
26) 2-Nitrophenol	10.48	139	40161	25.928	ng	# 74
27) 2,4-Dimethylphenol	10.52	122	153750	39.193	ng	92
28) bis(2-Chloroethoxy)methane	10.76	93	221869	37.555	ng	98
29) 2,4-Dichlorophenol	11.02	162	109878	30.681	ng	98
30) 1,2,4-Trichlorobenzene	11.24	180	145992	36.816	ng	97
31) Naphthalene	11.44	128	486209	36.457	ng	98
33) 4-Chloroaniline	11.53	127	136147	24.499	ng	# 89
34) Hexachlorobutadiene	11.71	225	85838	35.221	ng	96
35) Caprolactam	12.29	113	57313	46.662	ng	# 76
36) 4-Chloro-3-methylphenol	12.61	107	193359	43.078	ng	94
37) 2-Methylnaphthalene	13.00	142	363257m	37.340	ng	
39) 1,2,4,5-Tetrachlorobenzene	13.36	216	178499	35.435	ng	98
40) Hexachlorocyclopentadiene	13.34	237	201520	75.164	ng	99
42) 2,4,6-Trichlorophenol	13.59	196	34508	11.295	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	13.66	196	69232	20.250	ng	96
45) 1,1'-Biphenyl	13.98	154	481548	36.486	ng	97
46) 2-Chloronaphthalene	14.04	162	365460	36.933	ng	99
47) 2-Nitroaniline	14.23	65	124880	44.893	ng #	81
48) Acenaphthylene	14.88	152	589666	35.211	ng	98
49) Dimethylphthalate	14.59	163	641883	50.042	ng	97
50) 2,6-Dinitrotoluene	14.71	165	104204	40.926	ng #	76
51) Acenaphthene	15.21	154	366268	33.624	ng	96
52) 3-Nitroaniline	15.04	138	93933	35.987	ng	89
53) 2,4-Dinitrophenol	15.24	184	174	4.826	ng #	1
54) Dibenzofuran	15.54	168	593309	38.976	ng	92
55) 4-Nitrophenol	15.32	139	13304	11.195	ng #	55
56) 2,4-Dinitrotoluene	15.49	165	141559	43.268	ng #	85
57) Fluorene	16.19	166	479823	35.488	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.76	232	23765m	7.787	ng	
59) Diethylphthalate	15.94	149	505209	39.487	ng	98
60) 4-Chlorophenyl-phenylether	16.18	204	244493	35.899	ng	96
61) 4-Nitroaniline	16.20	138	117340	43.109	ng #	66
62) Azobenzene	16.47	77	501099	42.258	ng	89
64) 4,6-Dinitro-2-methylphenol	16.25	198	4012	7.733	ng #	76
65) n-Nitrosodiphenylamine	16.39	169	438718	36.862	ng	99
66) 4-Bromophenyl-phenylether	17.08	248	162078	36.072	ng	98
67) Hexachlorobenzene	17.20	284	172640	35.723	ng #	90
68) Atrazine	17.33	200	163482	41.076	ng	97
69) Pentachlorophenol	17.53	266	23062	8.141	ng	95
70) Phenanthrene	17.94	178	780962	36.564	ng	95
71) Anthracene	18.03	178	793305	37.074	ng	98
72) Carbazole	18.30	167	715439	35.449	ng	94
73) Di-n-butylphthalate	18.83	149	842654	43.058	ng #	94
74) Fluoranthene	19.93	202	889056	38.964	ng	94
76) Benzidine	20.10	184	421085	31.882	ng	96
77) Pyrene	20.29	202	913949	34.500	ng	97
79) Butylbenzylphthalate	21.18	149	383128	40.930	ng	92
80) Benzo(a)anthracene	22.26	228	902880	36.110	ng	96
81) 3,3'-Dichlorobenzidine	22.16	252	222620	22.887	ng #	97
82) Chrysene	22.34	228	847904	35.321	ng	96
83) Bis(2-ethylhexyl)phthalate	22.13	149	555545	39.273	ng	99
84) Di-n-octyl phthalate	23.52	149	958596	40.916	ng #	88
85) Indeno(1,2,3-cd)pyrene	30.25	276	1073435	36.923	ng #	74
87) Benzo(b)fluoranthene	24.80	252	928971	36.435	ng #	97
88) Benzo(k)fluoranthene	24.88	252	889491	35.561	ng #	94
89) Benzo(a)pyrene	25.81	252	886074	36.917	ng #	94
90) Dibenzo(a,h)anthracene	30.33	278	912994	36.338	ng #	95
91) Benzo(g,h,i)perylene	31.59	276	871364	35.810	ng #	90

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

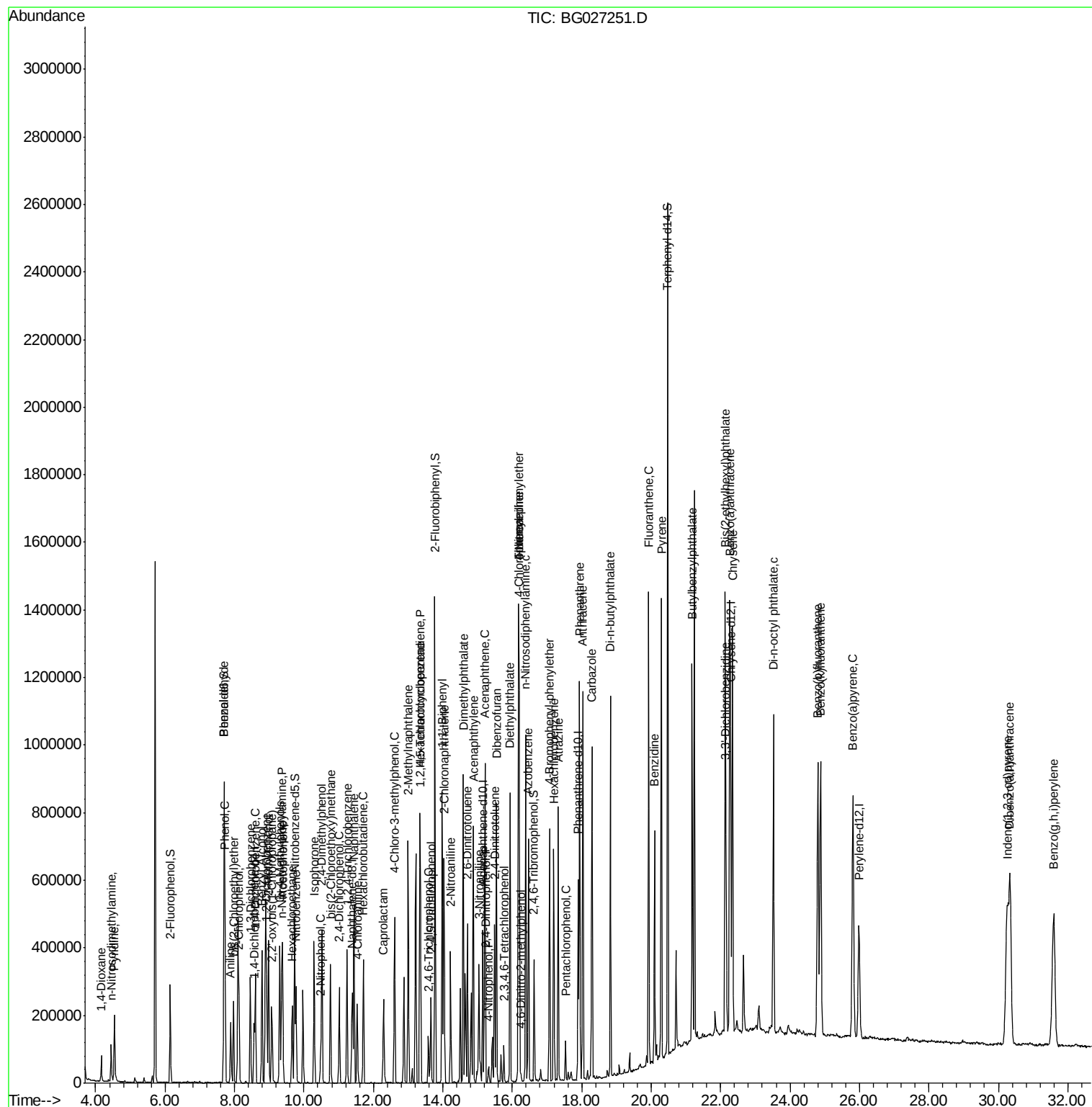
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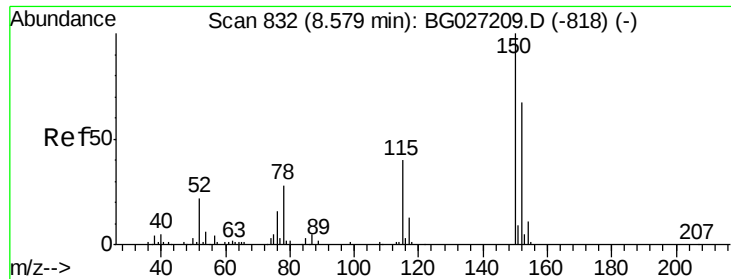
Instrument :
 BNA_G
 ClientSampled :
 COMP-1MSD

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#1

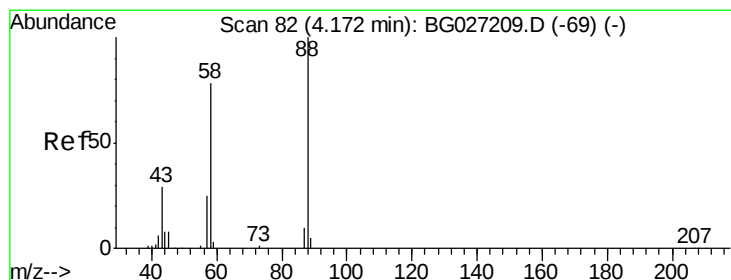
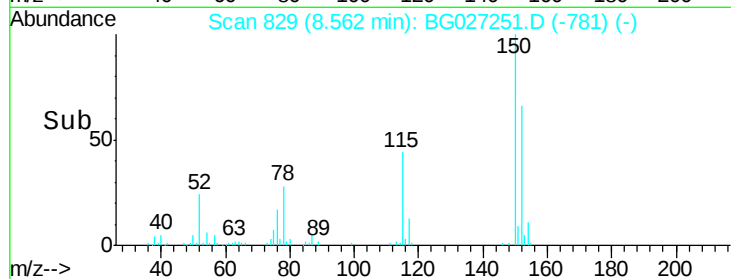
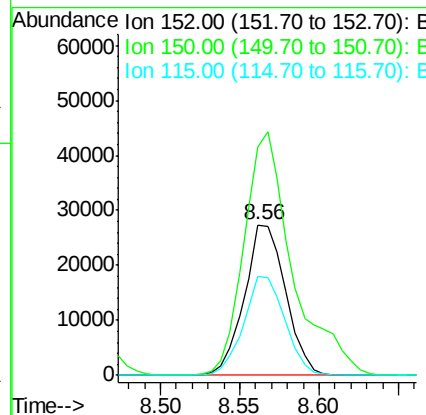
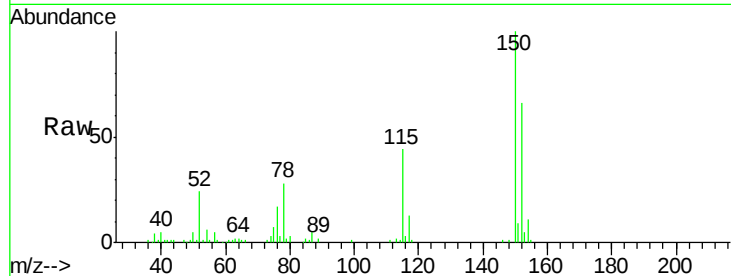
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.56 min Scan# 829
Delta R.T. -0.02 min
Lab File: BG027251.D
Acq: 6 Jun 2017 16:14

Instrument :
BNA_G
ClientSampleId :
COMP-1MSD

Tgt Ion	Ratio	Lower	Upper
152	100		
150	151.6	114.0	171.0
115	66.0	48.1	72.1

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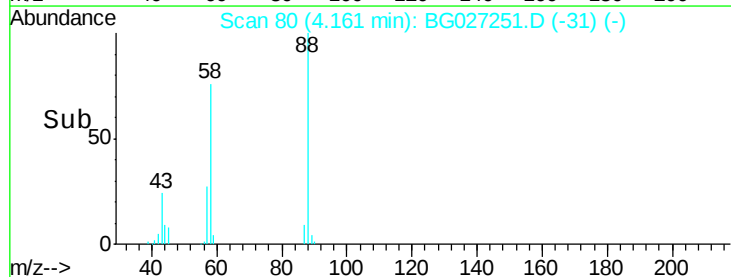
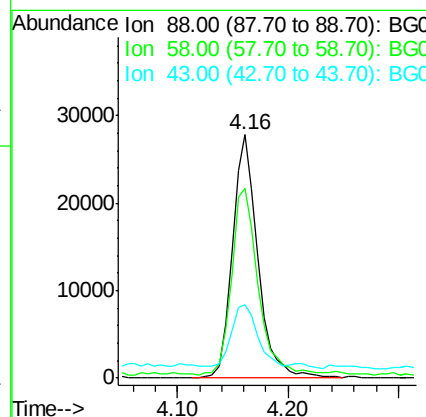
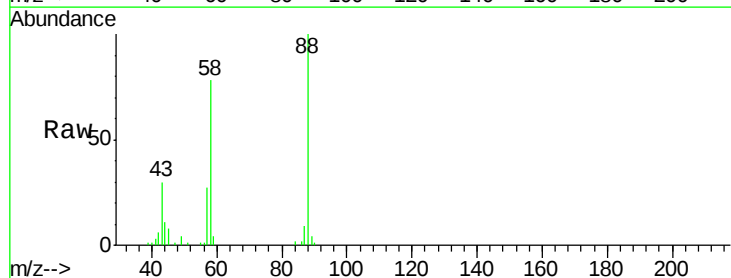
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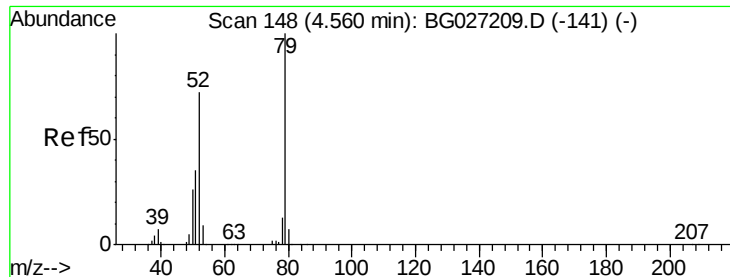


#2

1,4-Dioxane
Concen: 33.310 ng
RT: 4.16 min Scan# 80
Delta R.T. -0.01 min
Lab File: BG027251.D
Acq: 6 Jun 2017 16:14

Tgt Ion	Ratio	Lower	Upper
88	100		
58	79.6	79.4	119.2
43	26.2	33.8	50.6#





#3

Pyridine

Concen: 32.035 ng

RT: 4.54 min Scan# 144

Delta R.T. -0.02 min

Lab File: BG027251.D

Acq: 6 Jun 2017 16:14

Instrument :

BNA_G

ClientSampleId :

COMP-1MSD

Tgt Ion: 79 Resp: 132940
Ion Ratio Lower Upper

79 100

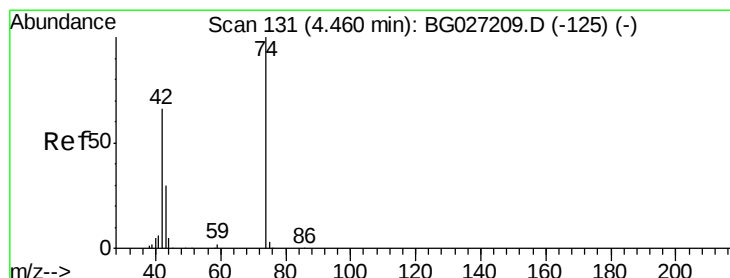
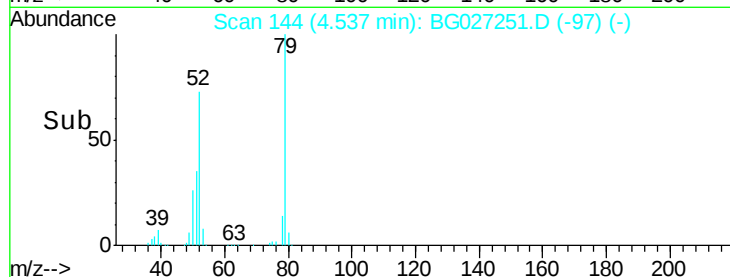
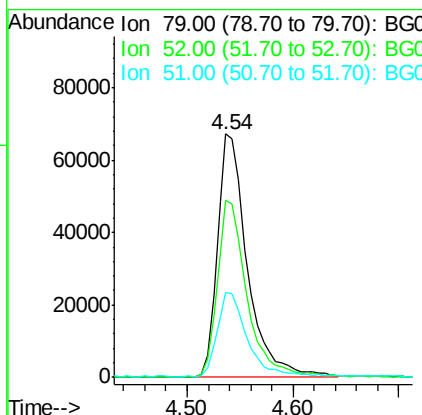
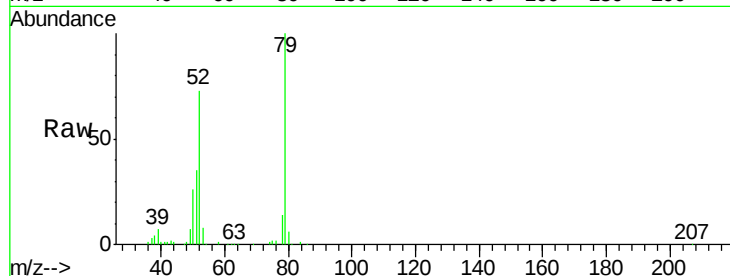
52 72.7 77.8 116.6#

51 35.0 43.2 64.8#

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#4

n-Nitrosodimethylamine

Concen: 39.516 ng

RT: 4.45 min Scan# 129

Delta R.T. -0.01 min

Lab File: BG027251.D

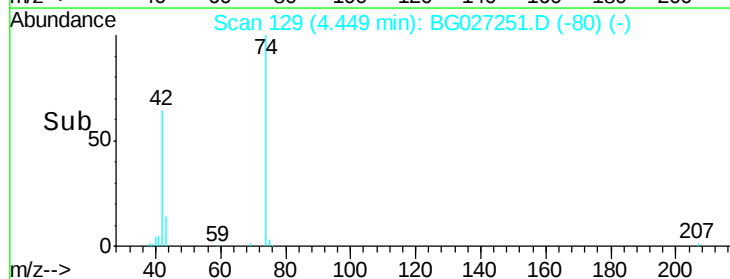
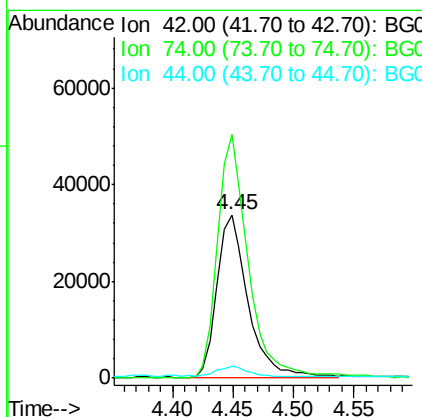
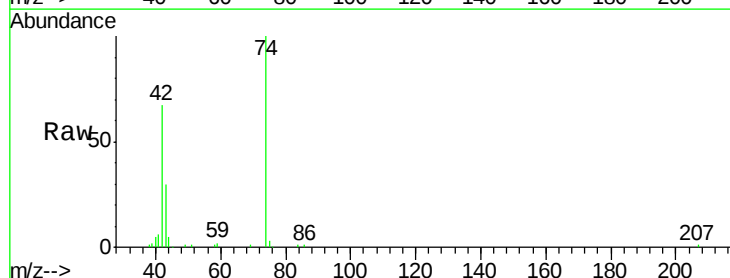
Acq: 6 Jun 2017 16:14

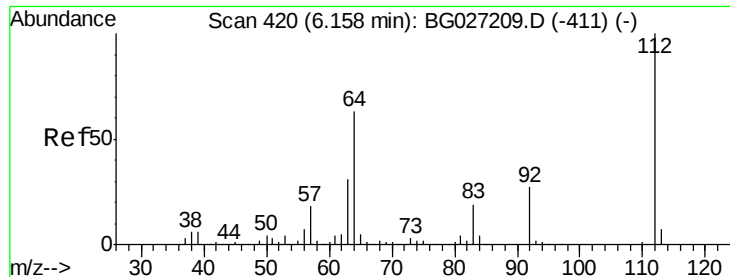
Tgt Ion: 42 Resp: 60718
Ion Ratio Lower Upper

42 100

74 149.0 76.7 115.1#

44 7.3 6.1 9.1





#5

2-Fluorophenol

Concen: 42.869 ng

RT: 6.15 min Scan# 418

Delta R.T. -0.01 min

Lab File: BG027251.D

Acq: 6 Jun 2017 16:14

Instrument :

BNA_G

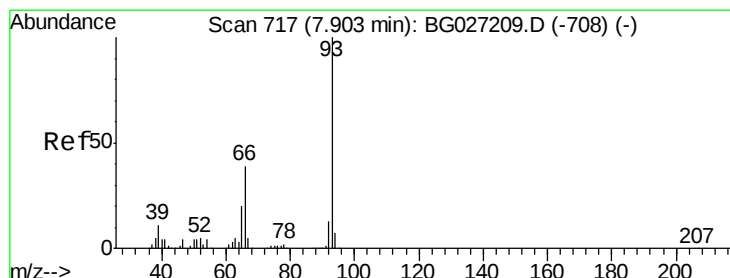
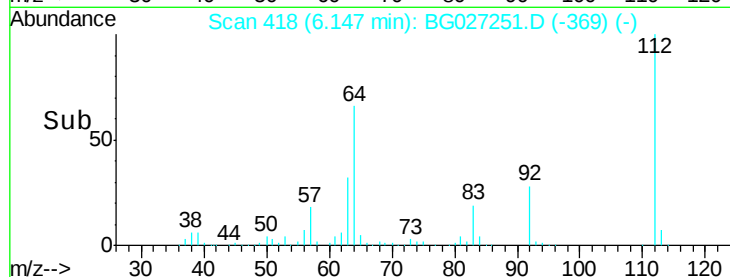
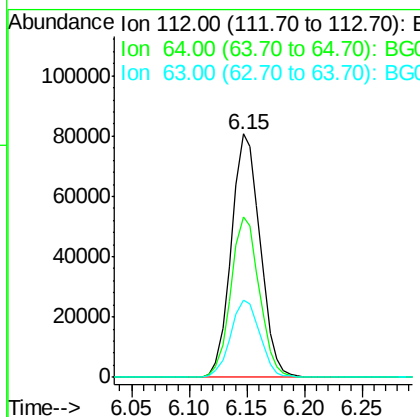
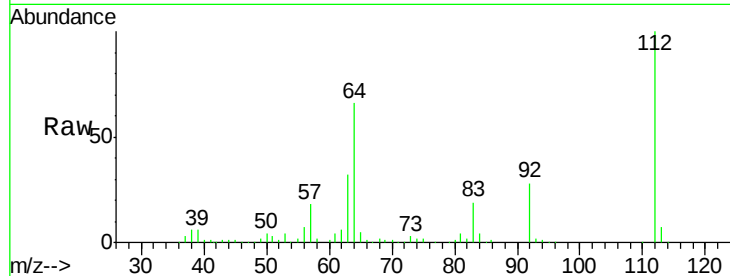
ClientSampled :

COMP-1MSD

Tgt Ion:	112	Resp:	139180
Ion Ratio	Lower	Upper	
112	100		
64	65.8	61.8	92.6
63	31.7	37.2	55.8#

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#6

Aniline

Concen: 22.194 ng

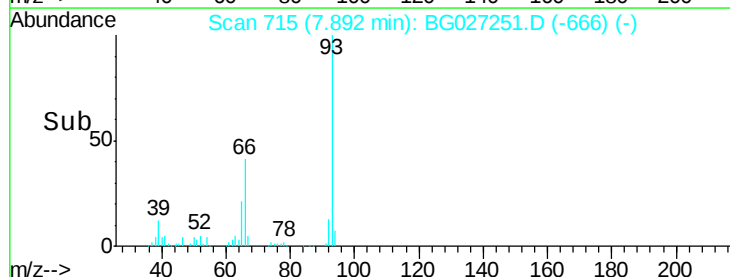
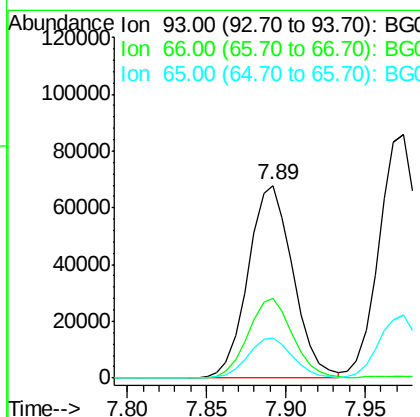
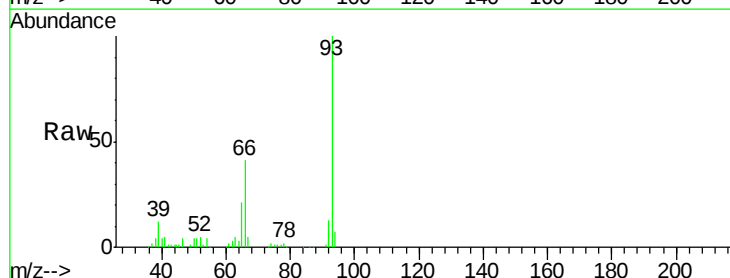
RT: 7.89 min Scan# 715

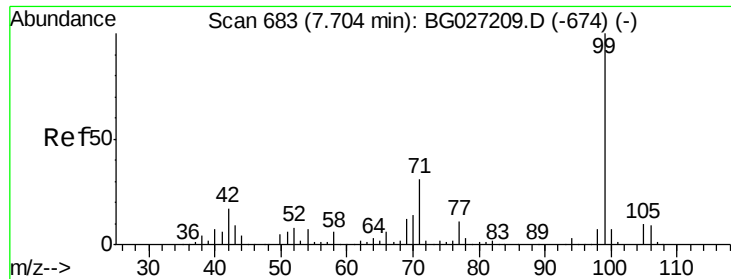
Delta R.T. -0.01 min

Lab File: BG027251.D

Acq: 6 Jun 2017 16:14

Tgt Ion:	93	Resp:	133195
Ion Ratio	Lower	Upper	
93	100		
66	41.2	35.4	53.2
65	20.6	21.2	31.8#





#7

Phenol-d6

Concen: 102.160 ng

RT: 7.70 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG027251.D

Acq: 6 Jun 2017 16:14

Instrument :

BNA_G

ClientSampleId :

COMP-1MSD

Tgt Ion: 99 Resp: 486858
Ion Ratio Lower Upper

99 100

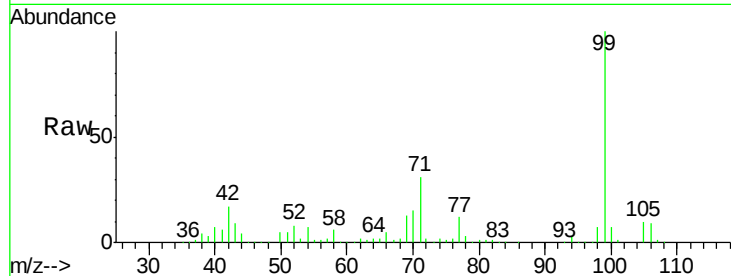
42 16.7 20.5 30.7#

71 31.0 37.6 56.4#

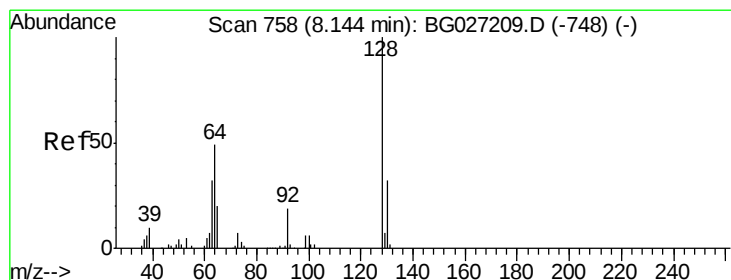
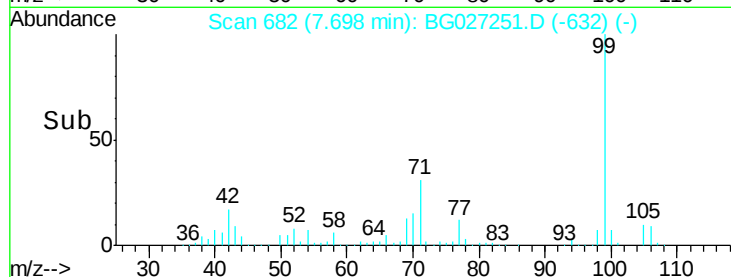
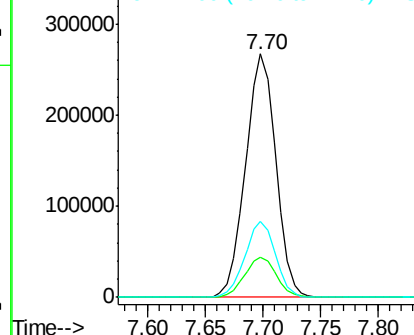
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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 32.895 ng

RT: 8.13 min Scan# 756

Delta R.T. -0.01 min

Lab File: BG027251.D

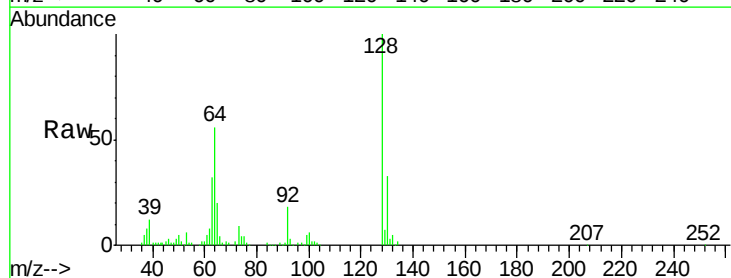
Acq: 6 Jun 2017 16:14

Tgt Ion: 128 Resp: 112771
Ion Ratio Lower Upper

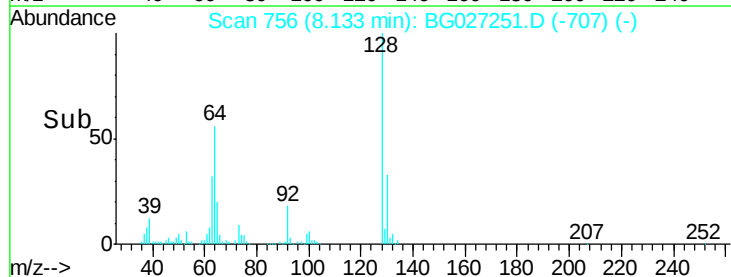
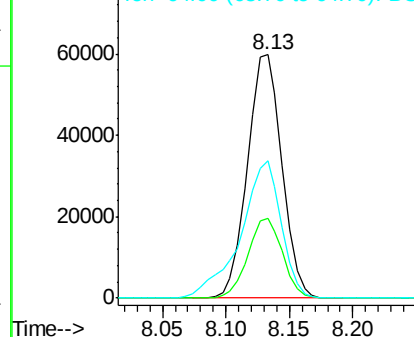
128 100

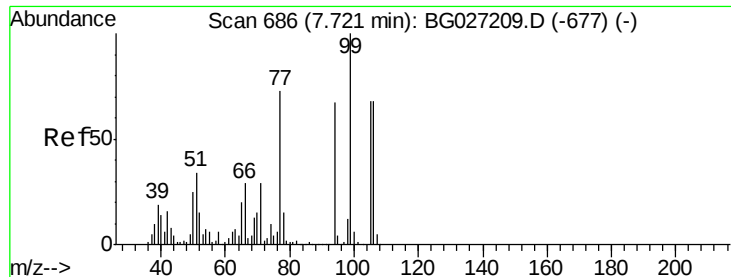
130 32.9 11.4 51.4

64 56.4 46.6 86.6



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 25.821 ng

RT: 7.71 min Scan# 684

Delta R.T. -0.01 min

Lab File: BG027251.D

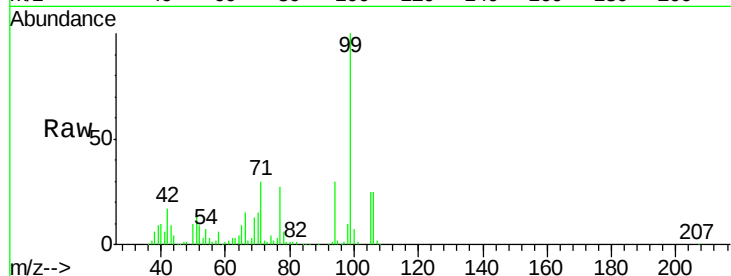
Acq: 6 Jun 2017 16:14

Instrument :

BNA_G

ClientSampleId :

COMP-1MSD



Tgt Ion: 77 Resp: 85081

Ion Ratio Lower Upper

77 100

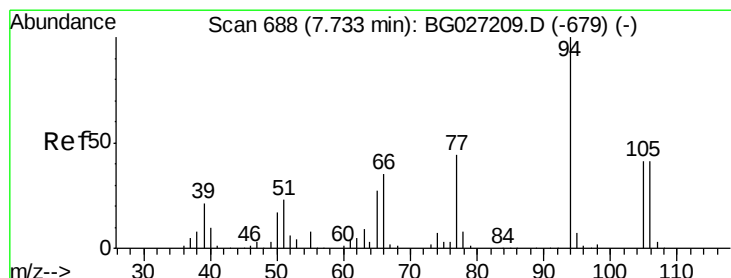
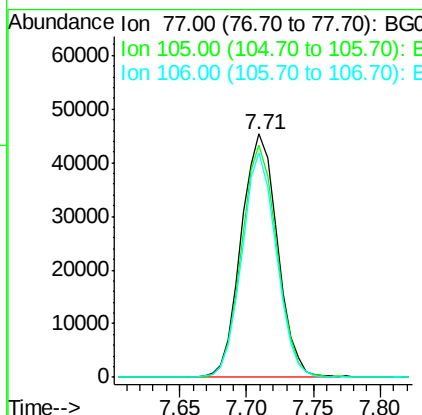
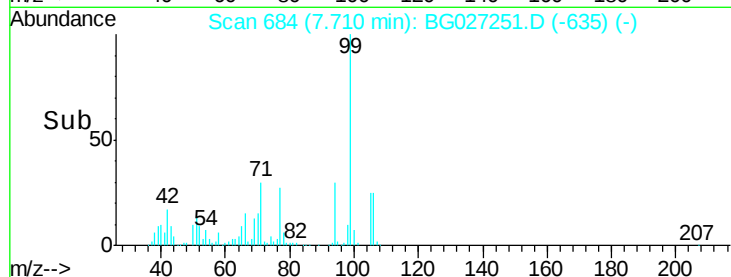
105 95.3 60.9 100.9

106 92.3 55.1 95.1

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#10

Phenol

Concen: 44.307 ng

RT: 7.73 min Scan# 687

Delta R.T. -0.01 min

Lab File: BG027251.D

Acq: 6 Jun 2017 16:14

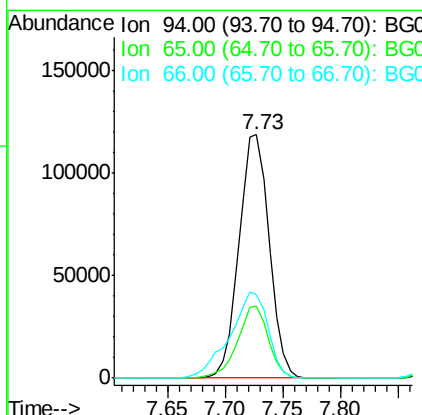
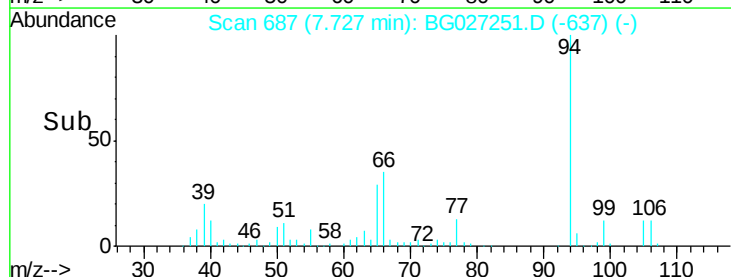
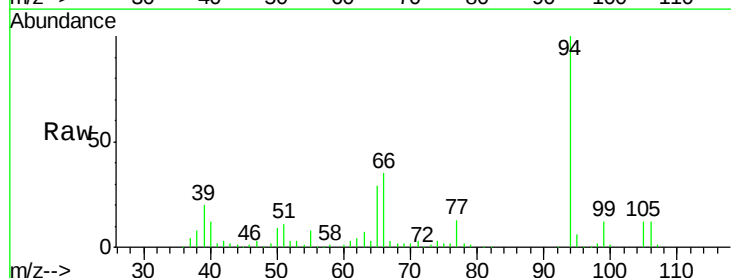
Tgt Ion: 94 Resp: 215933

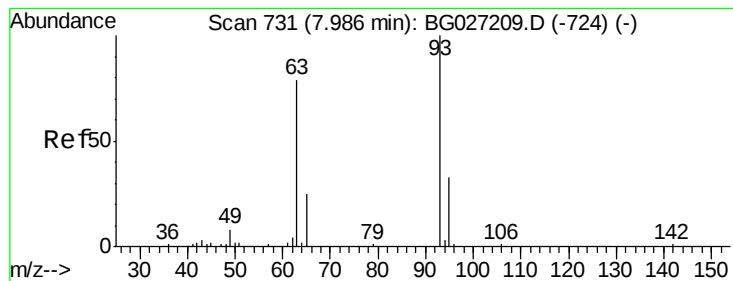
Ion Ratio Lower Upper

94 100

65 29.5 20.6 60.6

66 34.6 35.5 75.5#





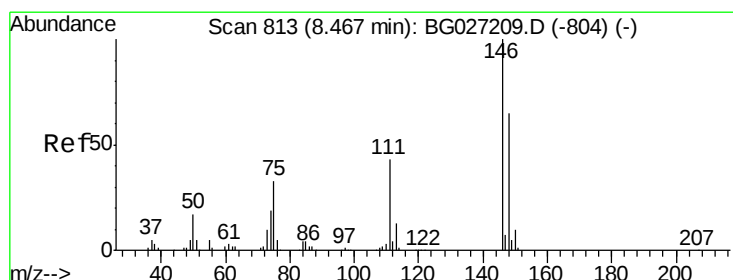
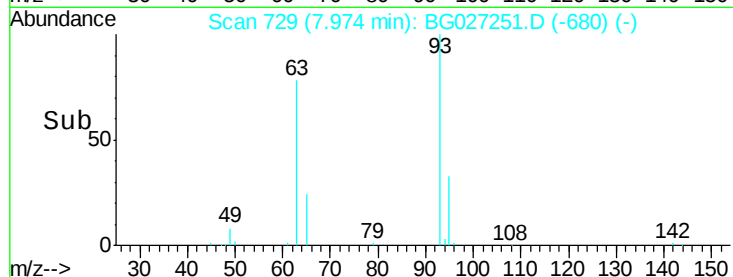
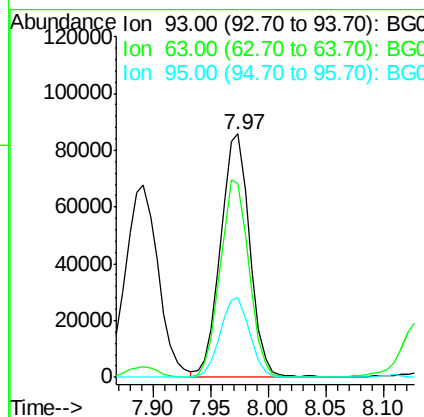
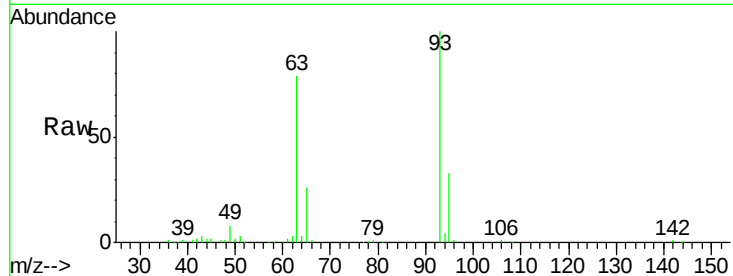
#11
bis(2-Chloroethyl)ether
Concen: 37.570 ng
RT: 7.97 min Scan# 729
Delta R.T. -0.01 min
Lab File: BG027251.D
Acq: 6 Jun 2017 16:14

Instrument :
BNA_G
ClientSampleId :
COMP-1MSD

Tgt Ion:	93	Resp:	150210
Ion	Ratio	Lower	Upper
93	100		
63	79.3	78.5	118.5
95	32.9	9.8	49.8

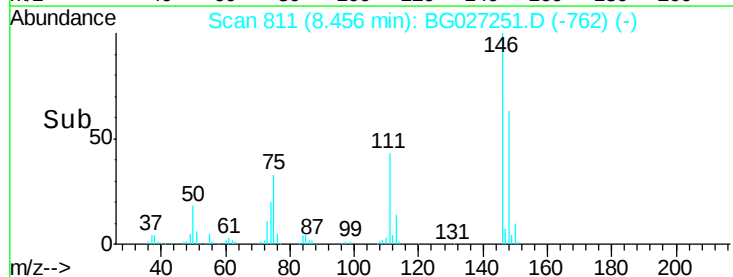
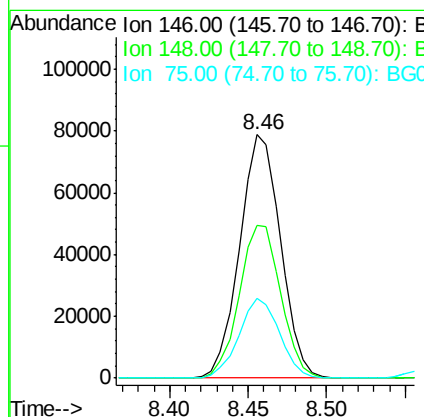
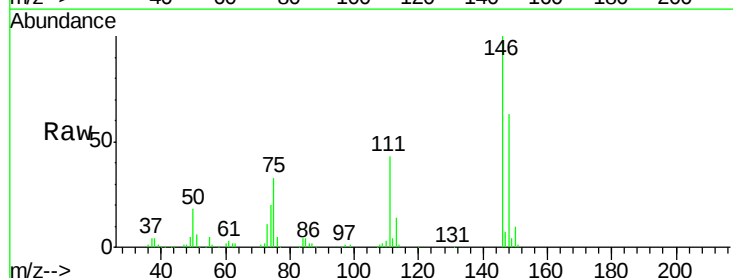
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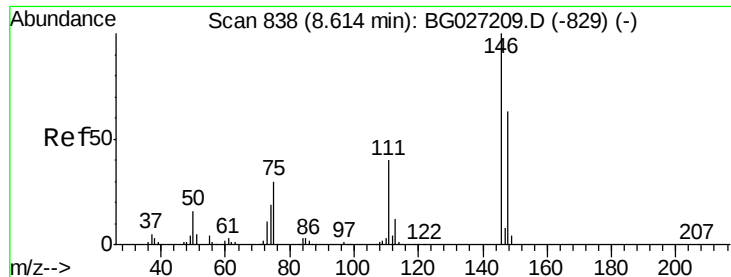
mohammad
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#12
1,3-Dichlorobenzene
Concen: 36.962 ng m
RT: 8.46 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG027251.D
Acq: 6 Jun 2017 16:14

Tgt Ion:	146	Resp:	142919
Ion	Ratio	Lower	Upper
146	100		
148	62.8	49.2	73.8
75	32.8	33.4	50.2#





#13

1,4-Dichlorobenzene

Concen: 36.794 ng

RT: 8.60 min Scan# 836

Delta R.T. -0.01 min

Lab File: BG027251.D

Acq: 6 Jun 2017 16:14

Instrument :

BNA_G

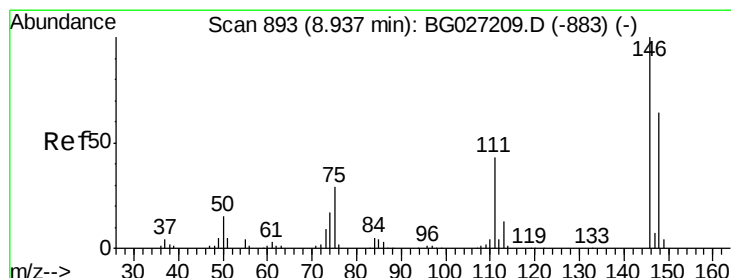
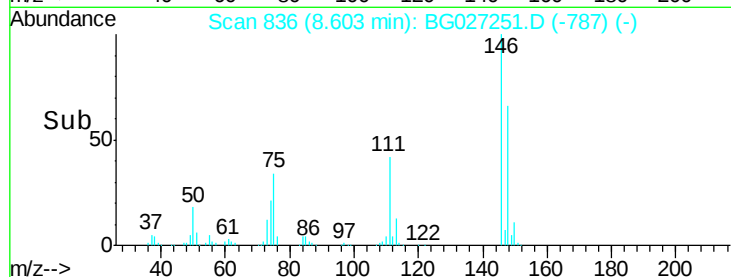
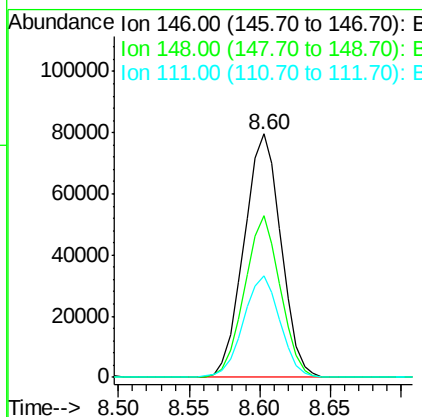
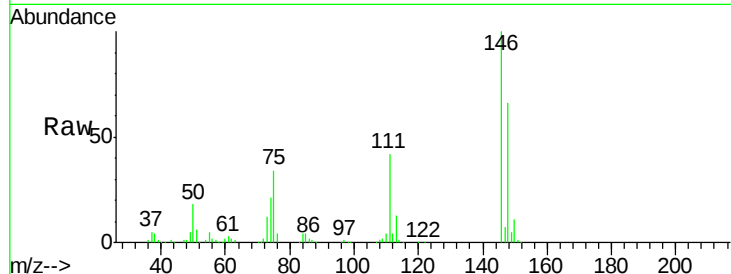
ClientSampled :

COMP-1MSD

Tgt Ion:	146	Resp:	146011
Ion Ratio	Lower	Upper	
146	100		
148	66.2	52.2	78.2
111	41.6	37.0	55.6

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#14

1,2-Dichlorobenzene

Concen: 36.750 ng

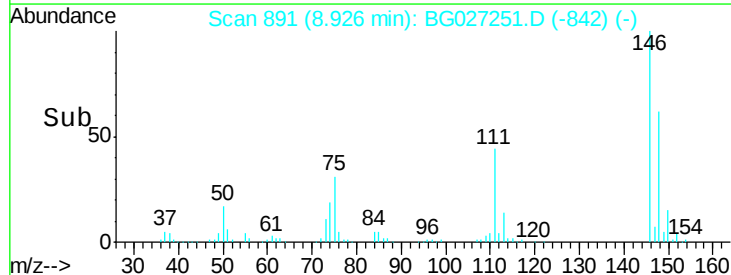
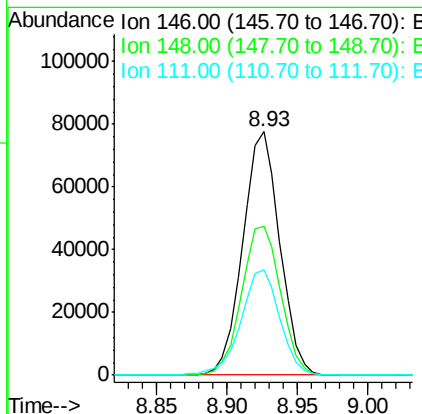
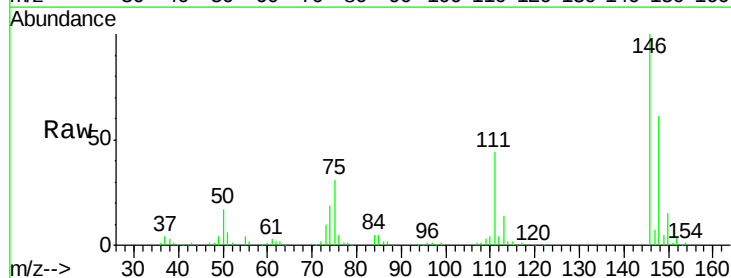
RT: 8.93 min Scan# 891

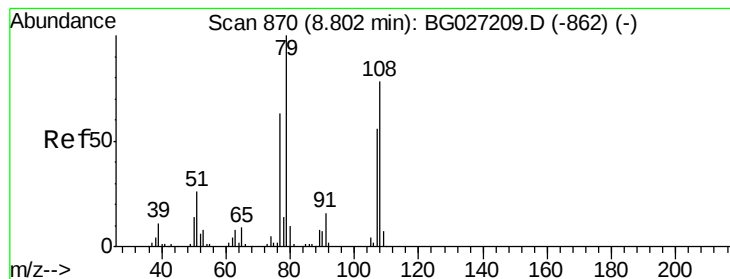
Delta R.T. -0.01 min

Lab File: BG027251.D

Acq: 6 Jun 2017 16:14

Tgt Ion:	146	Resp:	142240
Ion Ratio	Lower	Upper	
146	100		
148	61.4	54.6	81.8
111	43.5	39.7	59.5





#15

Benzyl Alcohol

Concen: 44.781 ng

RT: 8.79 min Scan# 868

Delta R.T. -0.01 min

Lab File: BG027251.D

Acq: 6 Jun 2017 16:14

Instrument :

BNA_G

ClientSampled :

COMP-1MSD

Tgt Ion: 79 Resp: 150366
Ion Ratio Lower Upper

79 100

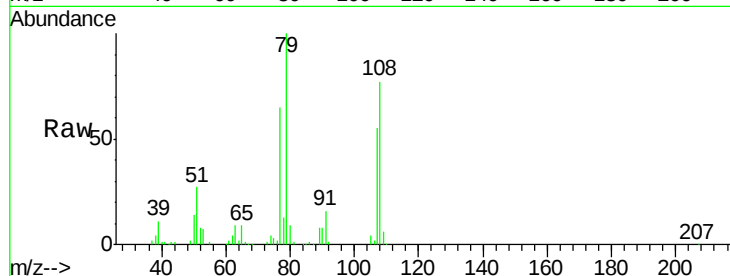
108 77.3 45.5 68.3#

77 64.7 54.3 81.5

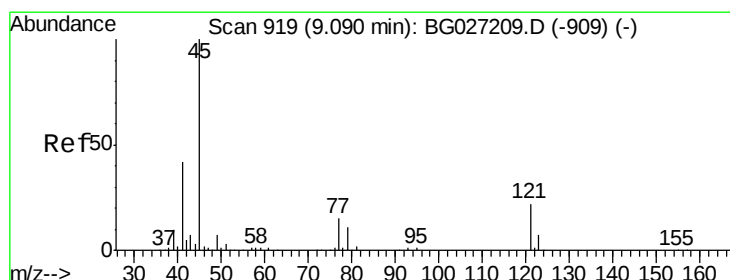
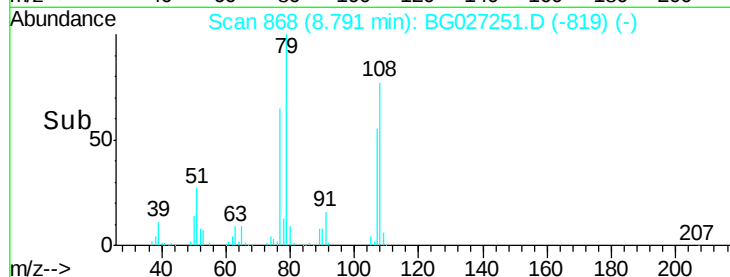
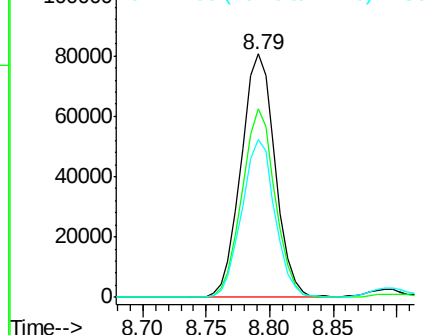
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Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.271 ng

RT: 9.07 min Scan# 916

Delta R.T. -0.02 min

Lab File: BG027251.D

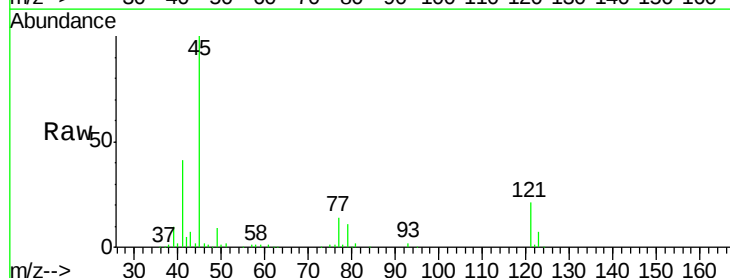
Acq: 6 Jun 2017 16:14

Tgt Ion: 45 Resp: 224663
Ion Ratio Lower Upper

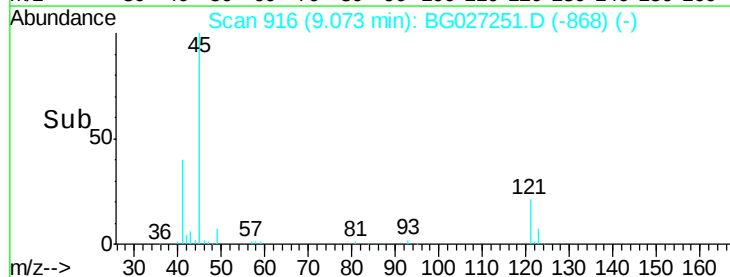
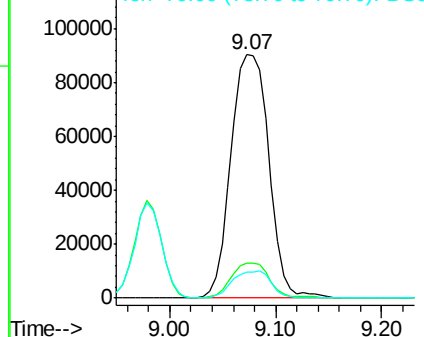
45 100

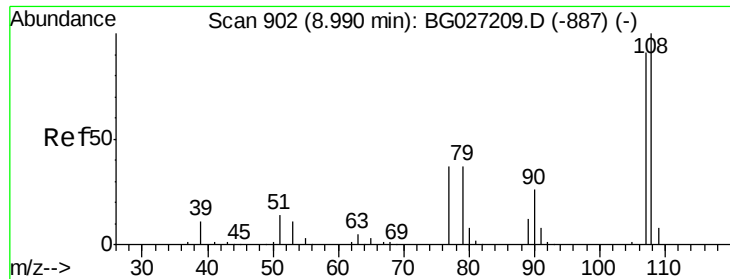
77 14.1 0.0 30.6

79 10.7 0.0 28.5



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





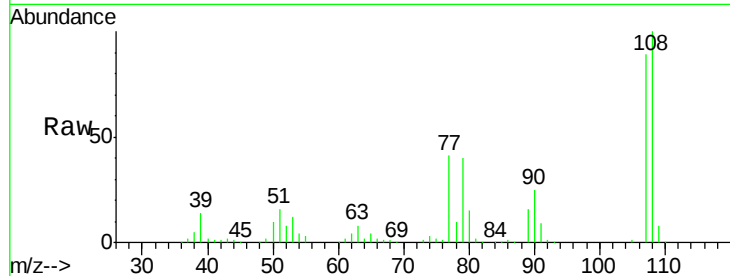
#17
2-Methylphenol
Concen: 42.586 ng
RT: 8.98 min Scan# 900
Delta R.T. -0.01 min
Lab File: BG027251.D
Acq: 6 Jun 2017 16:14

Instrument :
BNA_G
ClientSampled :
COMP-1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	146709		
108	111.7	85.6	128.4	
77	45.3	51.4	77.2#	
79	44.3	49.2	73.8#	

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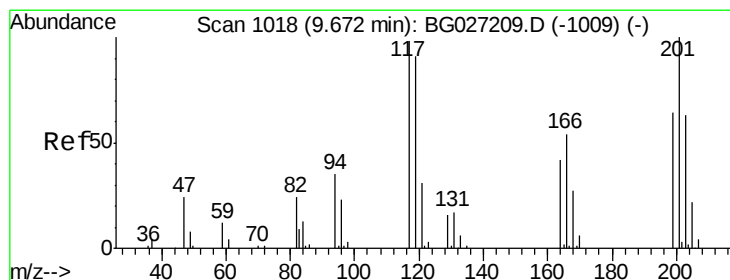
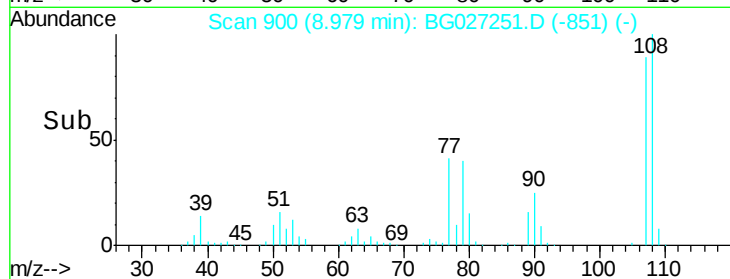
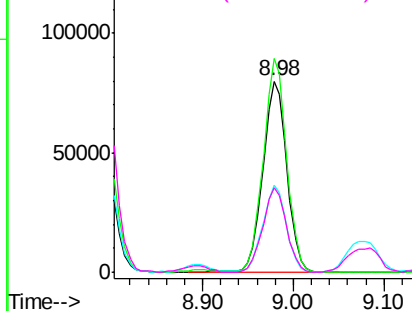
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18
Hexachloroethane
Concen: 37.736 ng
RT: 9.66 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BG027251.D
Acq: 6 Jun 2017 16:14

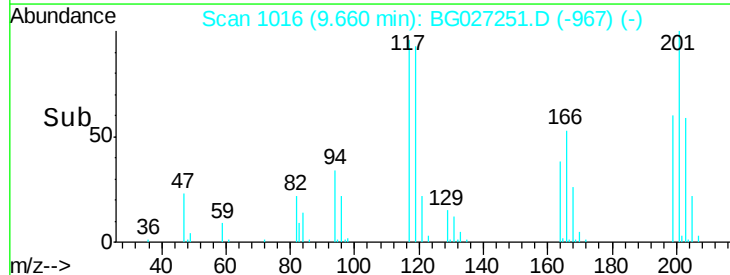
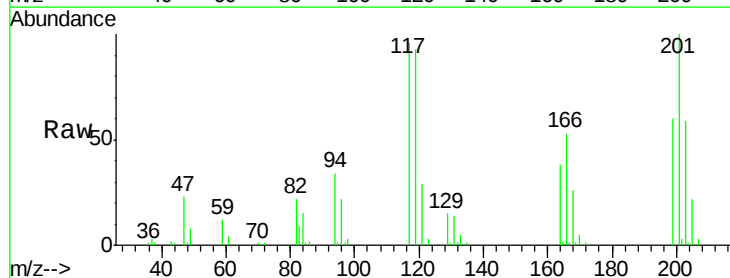
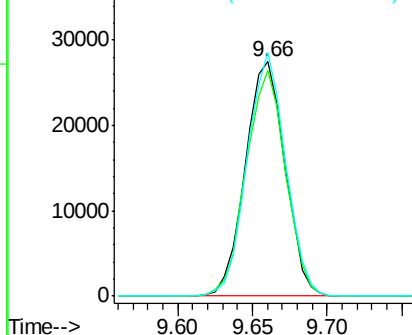
Tgt Ion	Ratio	Resp	Lower	Upper
117	100	50444		
119	96.3	69.8	104.6	
201	104.0	95.4	143.0	

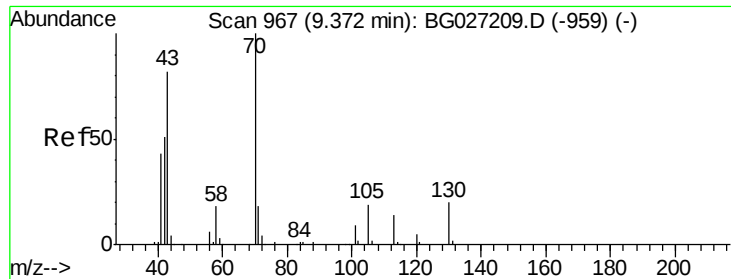
Abundance

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





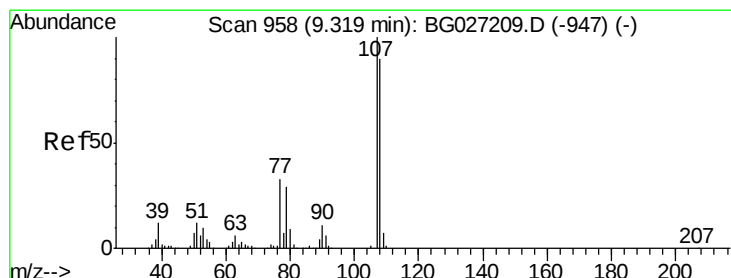
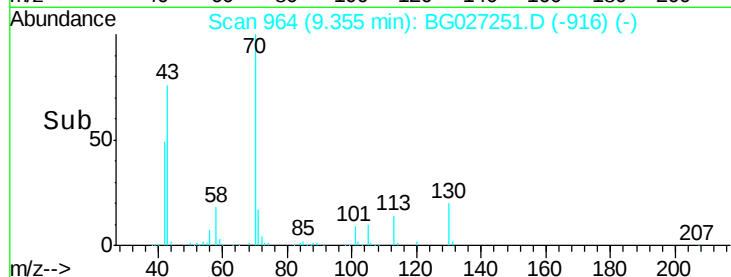
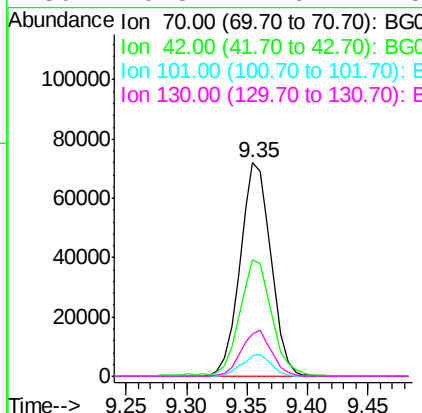
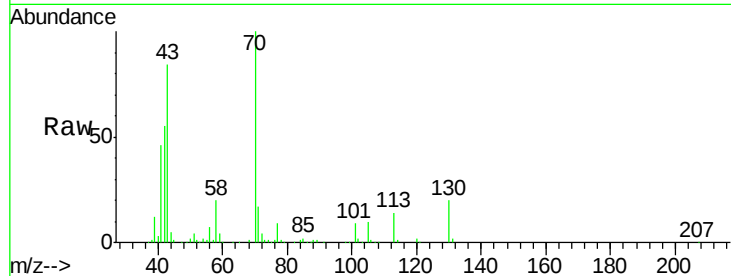
#19
n-Nitroso-di-n-propylamine
Concen: 38.412 ng
RT: 9.35 min Scan# 964
Delta R.T. -0.02 min
Lab File: BG027251.D
Acq: 6 Jun 2017 16:14

Instrument :
BNA_G
ClientSampled :
COMP-1MSD

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
70	100		128064		
42	54.6	56.1	84.1#		
101	9.5	7.5	11.3		
130	19.8	14.6	21.8		

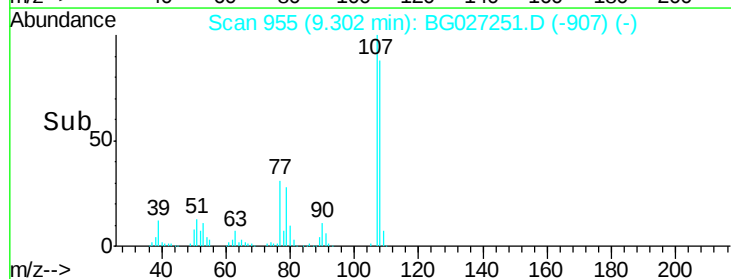
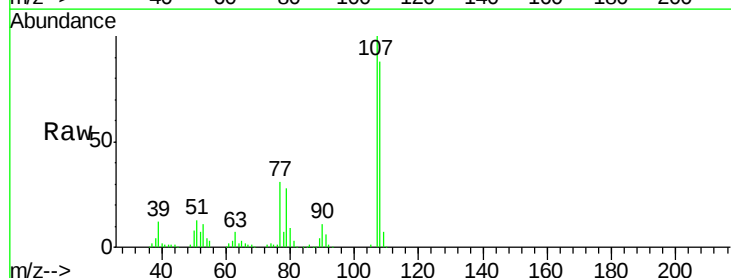
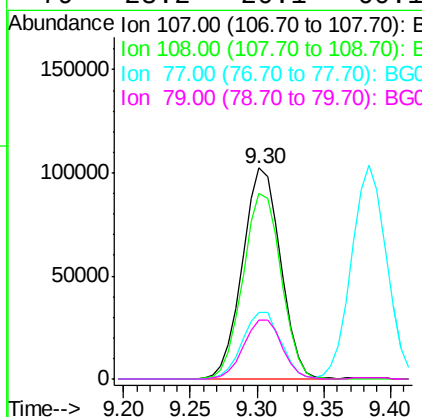
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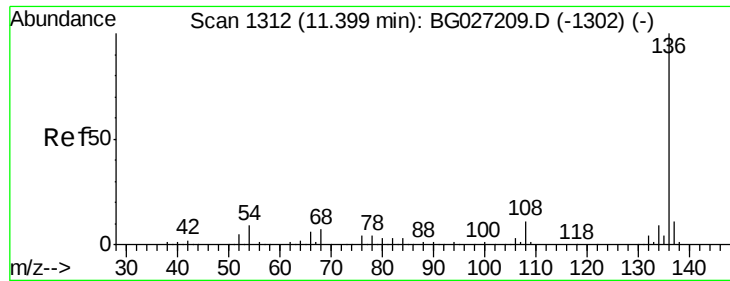
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#20
3+4-Methylphenols
Concen: 42.333 ng
RT: 9.30 min Scan# 955
Delta R.T. -0.02 min
Lab File: BG027251.D
Acq: 6 Jun 2017 16:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		202019		
108	88.1	70.8	110.8		
77	31.3	25.8	65.8		
79	28.2	20.1	60.1		





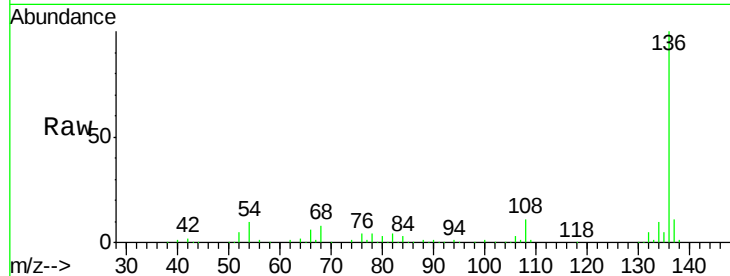
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.39 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BG027251.D
Acq: 6 Jun 2017 16:14

Instrument :
BNA_G
ClientSampleId :
COMP-1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	244021		
137	10.8	8.9	13.3	
54	9.6	9.3	13.9	
68	8.0	5.1	7.7#	

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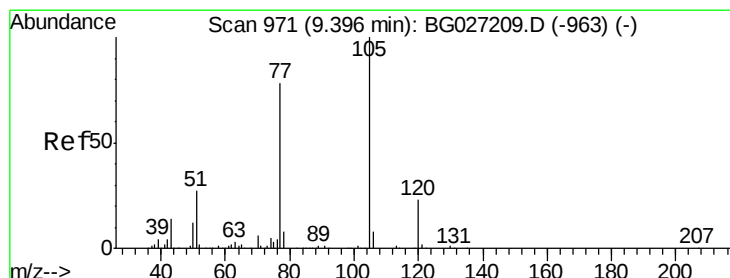
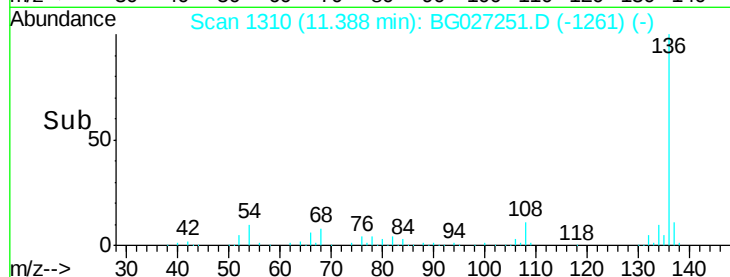
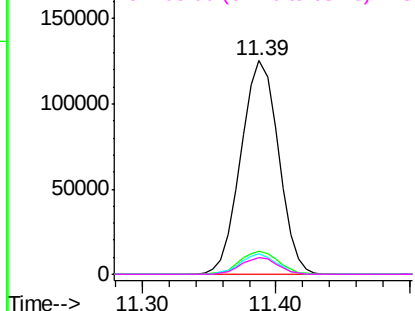
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 37.711 ng
RT: 9.38 min Scan# 969
Delta R.T. -0.01 min
Lab File: BG027251.D
Acq: 6 Jun 2017 16:14

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	235337		
71	0.7	0.9	1.3#	
51	26.1	34.0	51.0#	
120	22.8	17.3	25.9	

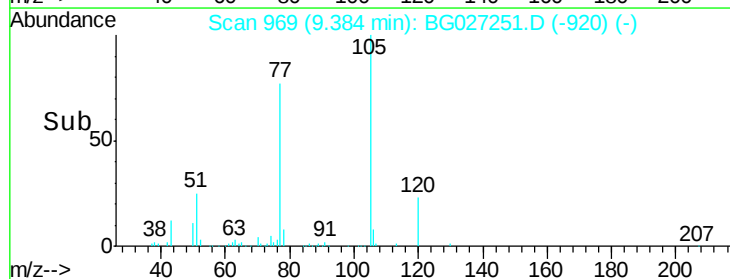
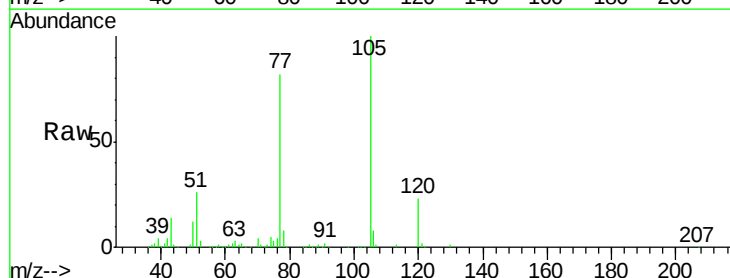
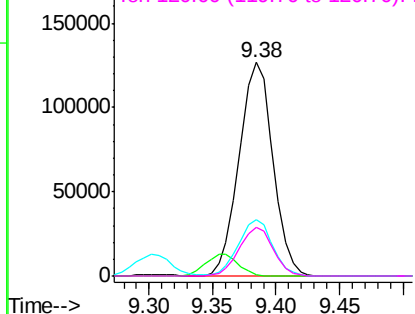
Abundance

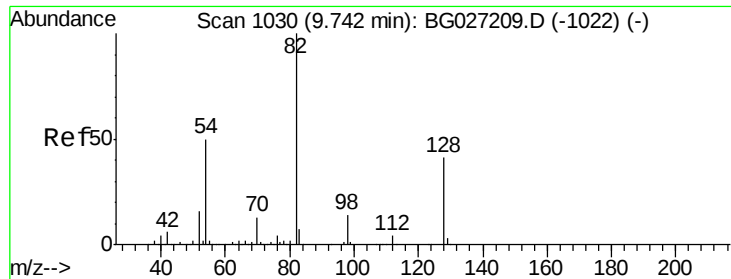
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





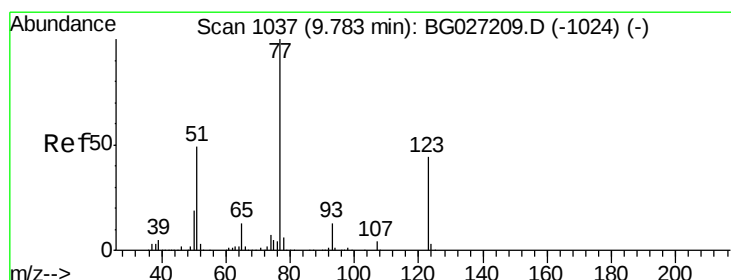
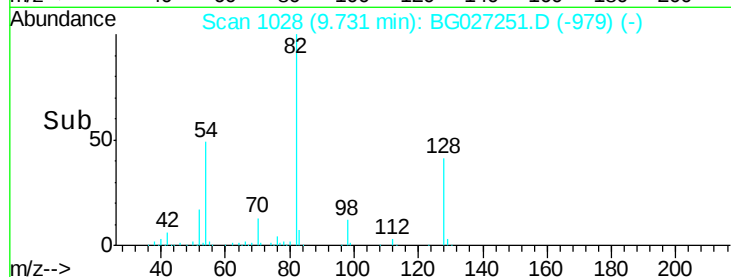
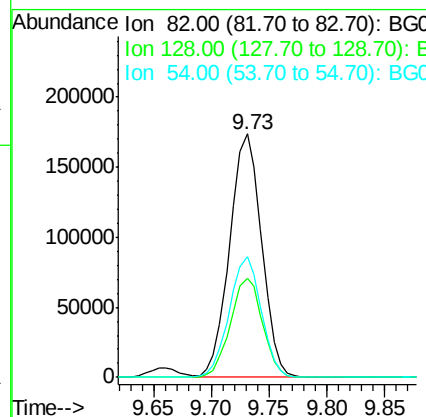
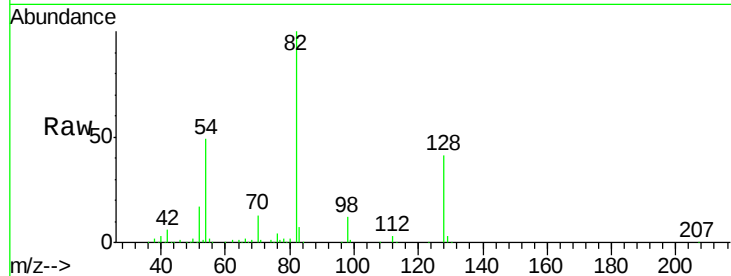
#23
 Nitrobenzene-d5
 Concen: 85.796 ng
 RT: 9.73 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BG027251.D
 Acq: 6 Jun 2017 16:14

Instrument :
 BNA_G
 ClientSampleId :
 COMP-1MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
128	40.6	26.4	39.6#
54	49.4	49.4	74.2#

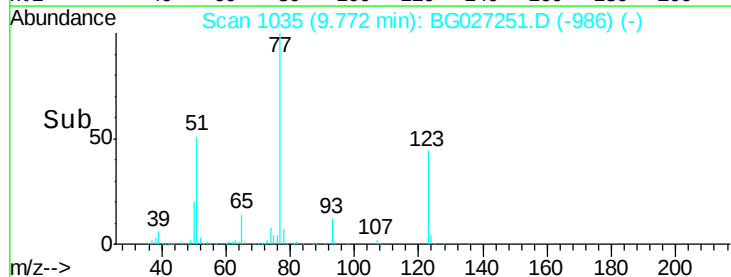
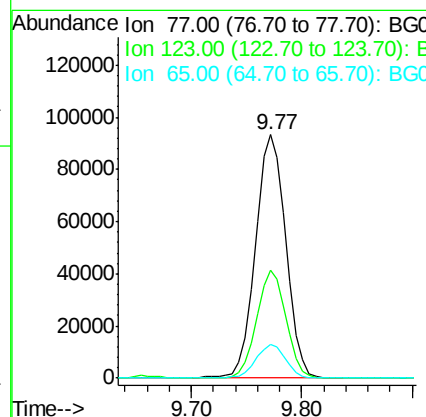
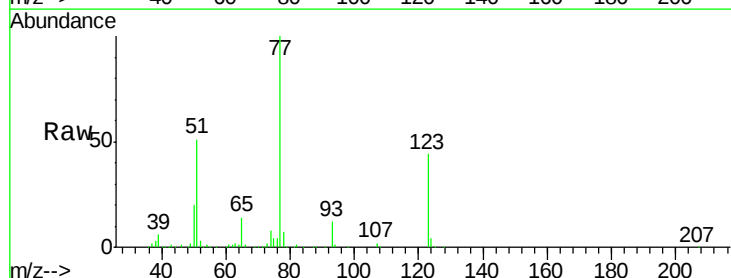
Manual Integrations
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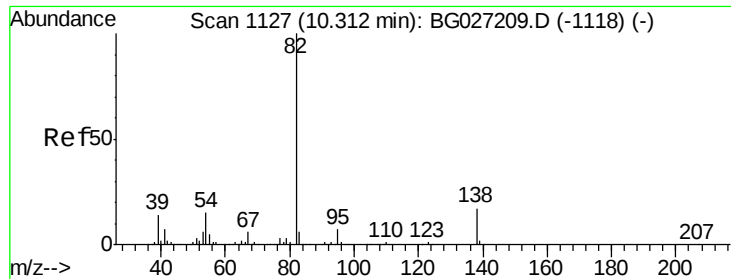
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#24
 Nitrobenzene
 Concen: 40.653 ng
 RT: 9.77 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BG027251.D
 Acq: 6 Jun 2017 16:14

Tgt Ion	Ratio	Resp Lower	Resp Upper
77	100		
123	44.2	26.1	39.1#
65	13.7	12.4	18.6





#25

Isophorone

Concen: 38.618 ng

RT: 10.29 min Scan# 1124

Delta R.T. -0.02 min

Lab File: BG027251.D

Acq: 6 Jun 2017 16:14

Instrument :

BNA_G

ClientSampled :

COMP-1MSD

Tgt Ion: 82 Resp: 352345
Ion Ratio Lower Upper

82 100

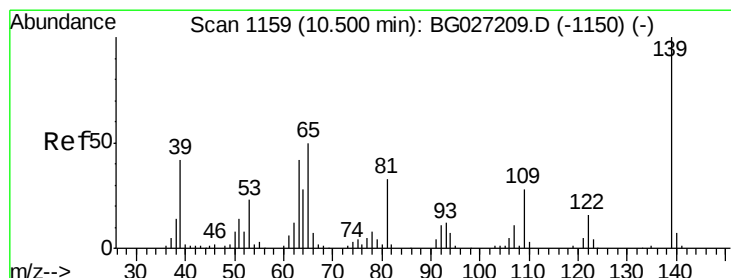
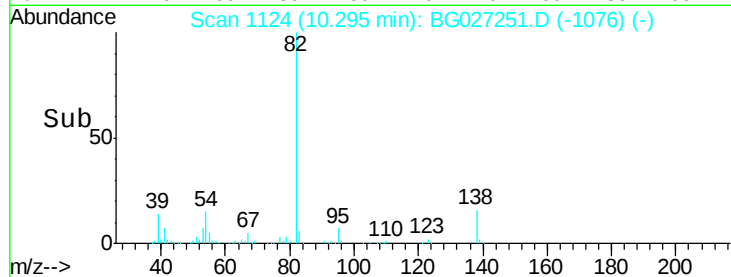
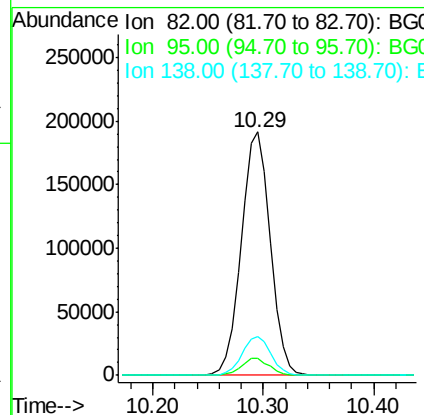
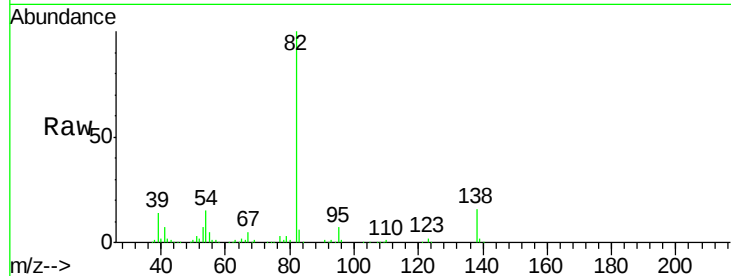
95 6.9 7.5 11.3#

138 16.1 12.3 18.5

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#26

2-Nitrophenol

Concen: 25.928 ng

RT: 10.48 min Scan# 1156

Delta R.T. -0.02 min

Lab File: BG027251.D

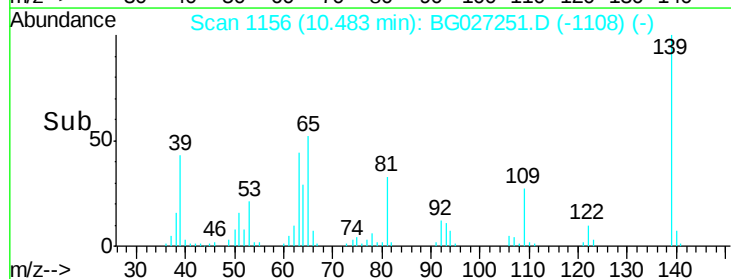
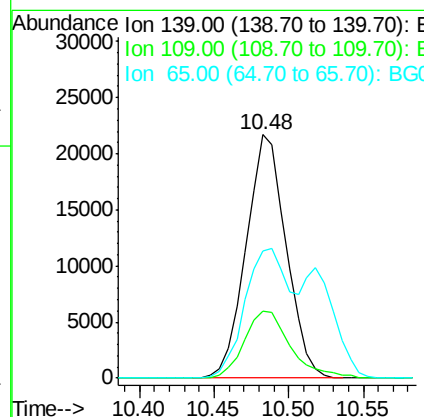
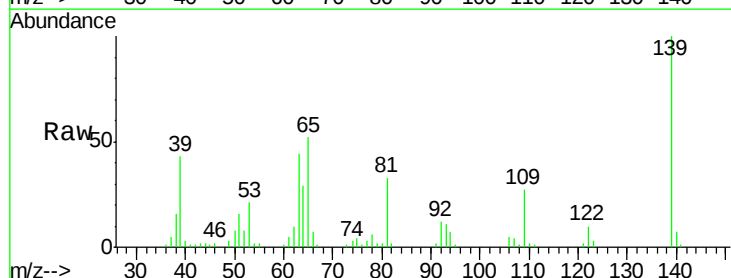
Acq: 6 Jun 2017 16:14

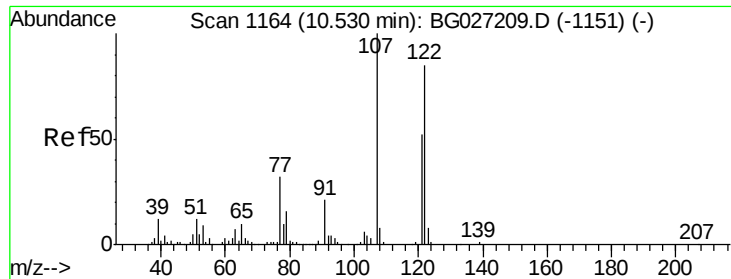
Tgt Ion: 139 Resp: 40161
Ion Ratio Lower Upper

139 100

109 27.3 38.6 58.0#

65 52.2 57.1 85.7#





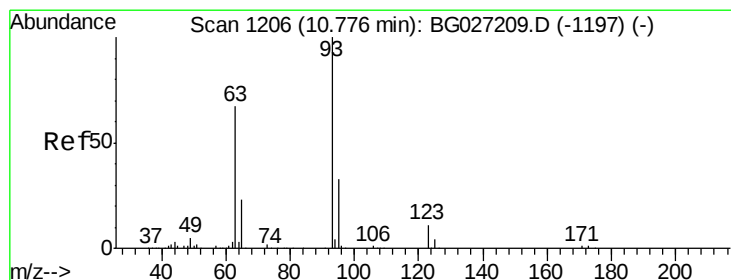
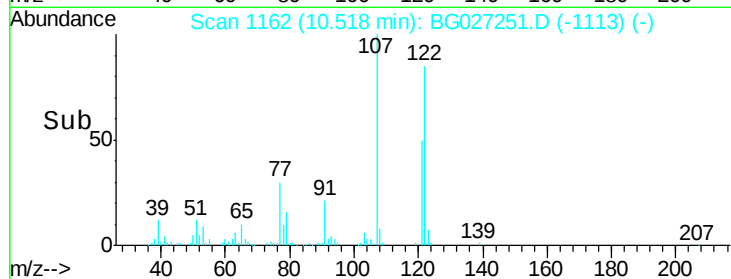
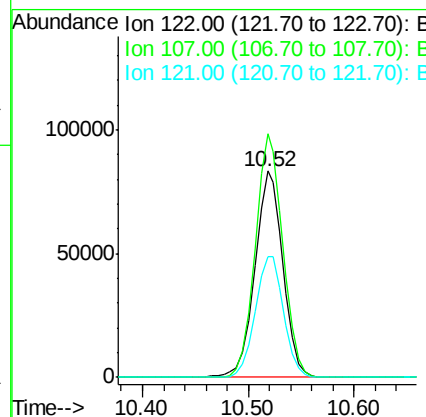
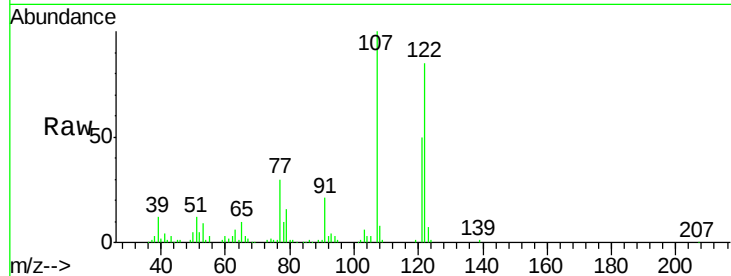
#27
 2,4-Dimethylphenol
 Concen: 39.193 ng
 RT: 10.52 min Scan# 1162
 Delta R.T. -0.01 min
 Lab File: BG027251.D
 Acq: 6 Jun 2017 16:14

Instrument :
 BNA_G
 ClientSampled :
 COMP-1MSD

Tgt Ion	Ratio	Lower	Upper
122	100		
107	118.2	104.2	156.4
121	58.9	46.0	69.0

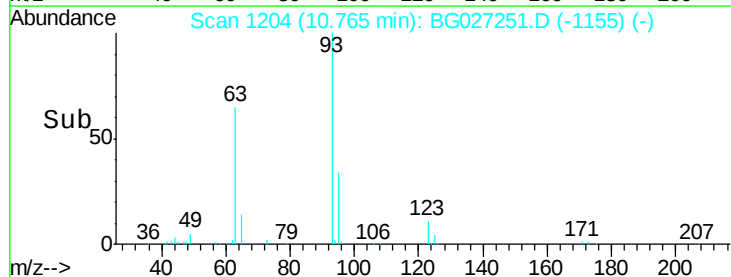
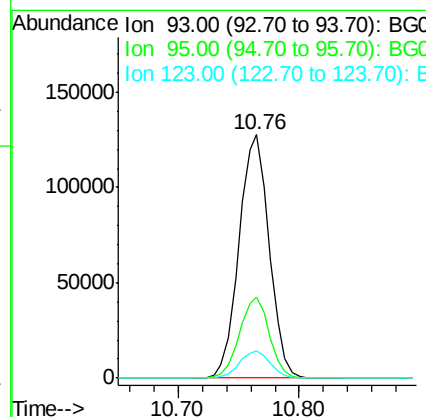
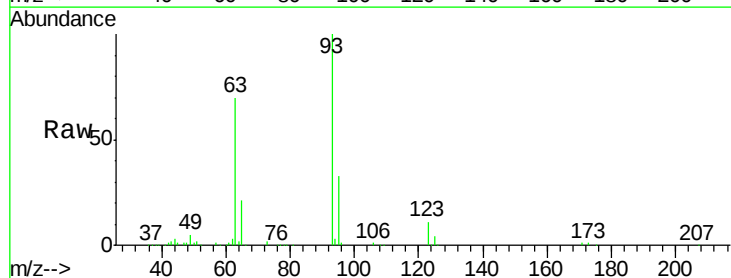
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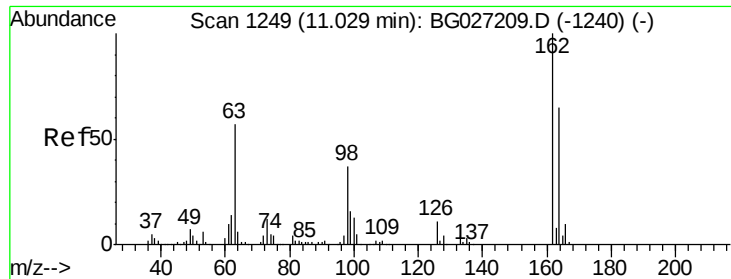
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#28
 bis(2-Chloroethoxy)methane
 Concen: 37.555 ng
 RT: 10.76 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BG027251.D
 Acq: 6 Jun 2017 16:14

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.4	25.7	38.5
123	11.4	8.3	12.5





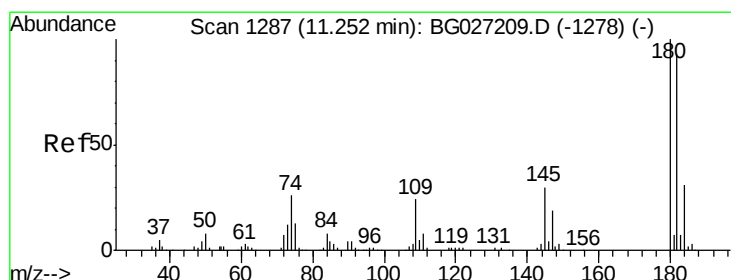
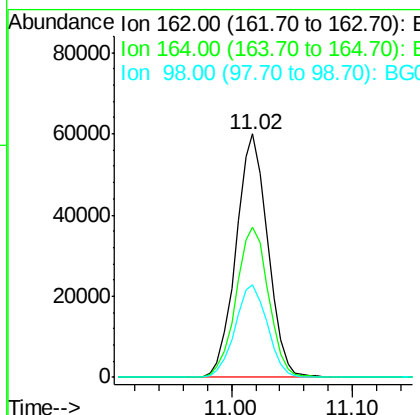
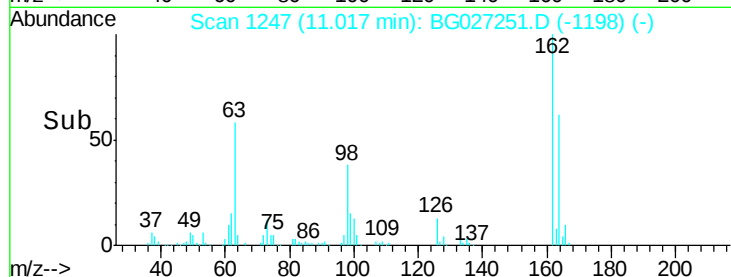
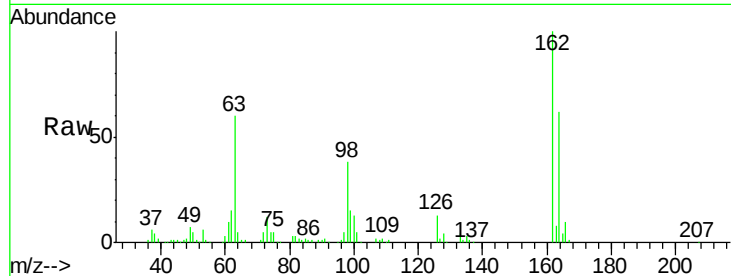
#29
 2,4-Dichlorophenol
 Concen: 30.681 ng
 RT: 11.02 min Scan# 1247
 Delta R.T. -0.01 min
 Lab File: BG027251.D
 Acq: 6 Jun 2017 16:14

Instrument :
 BNA_G
 ClientSampleId :
 COMP-1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	109878		
164	61.9	42.4	82.4	
98	38.0	20.3	60.3	

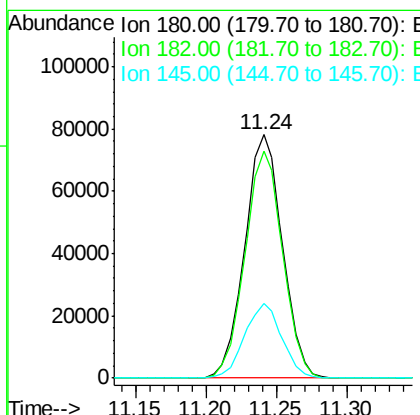
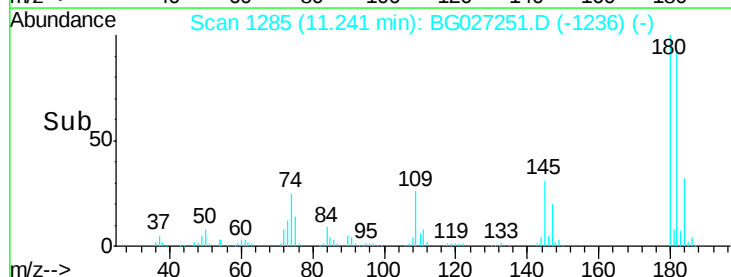
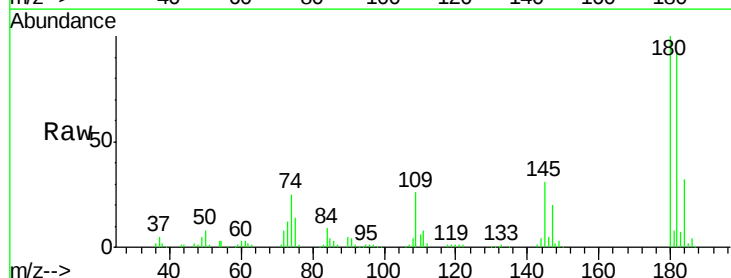
Manual Integrations
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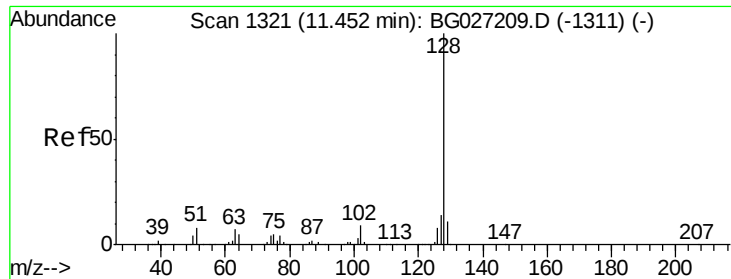
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#30
 1,2,4-Trichlorobenzene
 Concen: 36.816 ng
 RT: 11.24 min Scan# 1285
 Delta R.T. -0.01 min
 Lab File: BG027251.D
 Acq: 6 Jun 2017 16:14

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	145992		
182	93.0	77.0	115.4	
145	30.6	23.4	35.0	





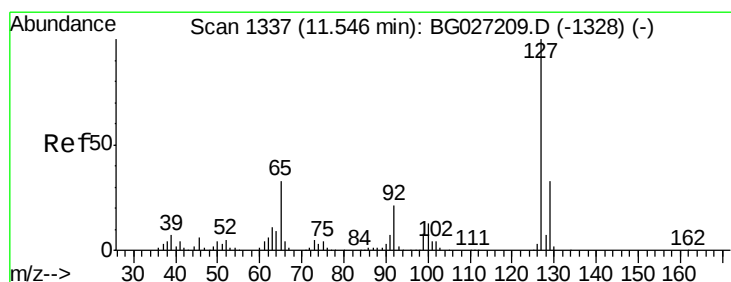
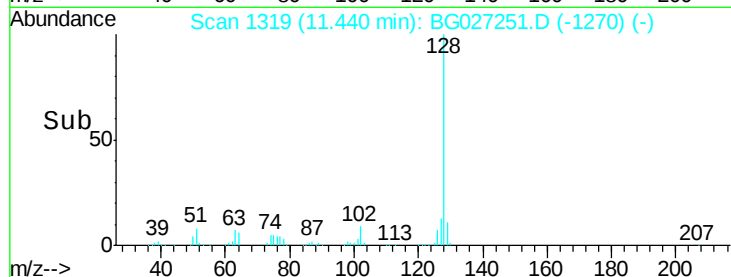
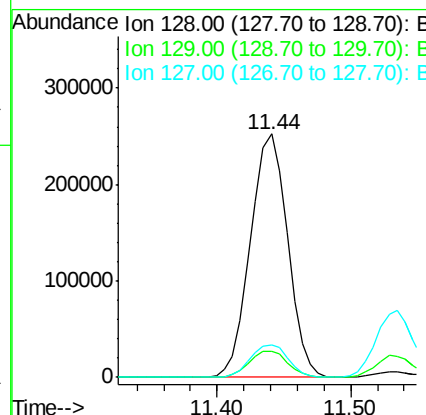
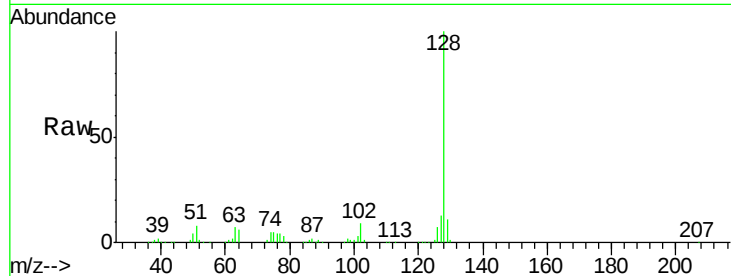
#31
Naphthalene
Concen: 36.457 ng
RT: 11.44 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BG027251.D
Acq: 6 Jun 2017 16:14

Instrument :
BNA_G
ClientSampleId :
COMP-1MSD

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.3	13.9
127	13.2	11.4	17.0

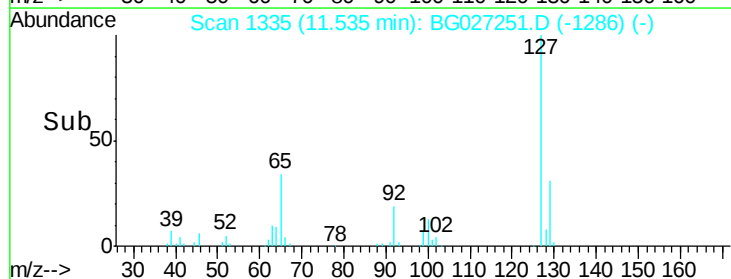
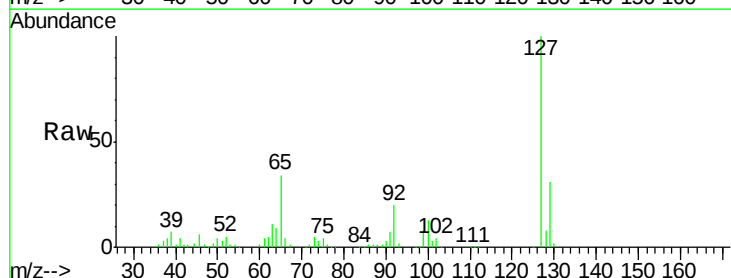
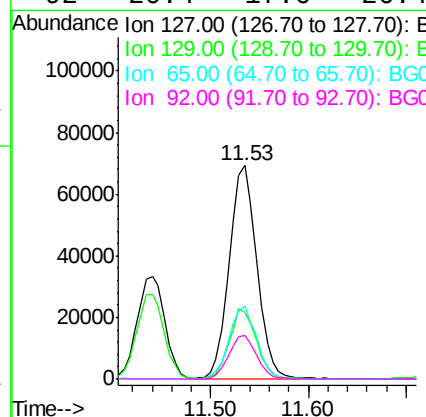
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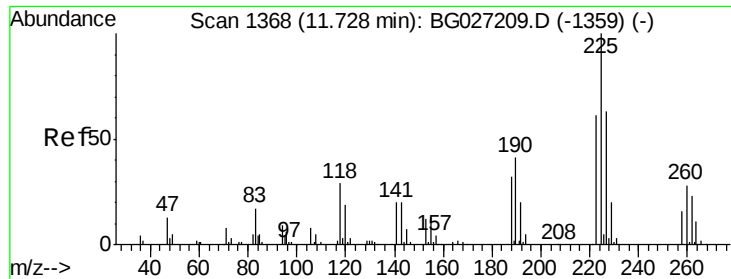
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#33
4-Chloroaniline
Concen: 24.499 ng
RT: 11.53 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BG027251.D
Acq: 6 Jun 2017 16:14

Tgt Ion	Ratio	Lower	Upper
127	100		
129	31.1	23.6	35.4
65	34.2	37.7	56.5#
92	20.4	17.6	26.4





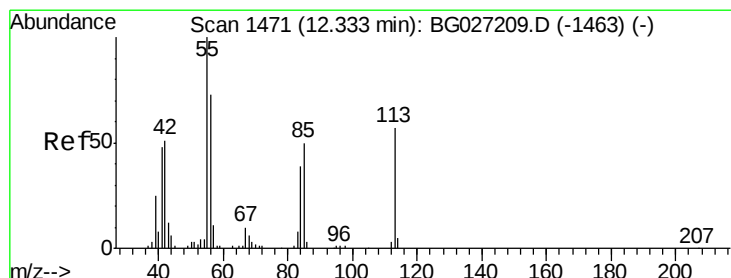
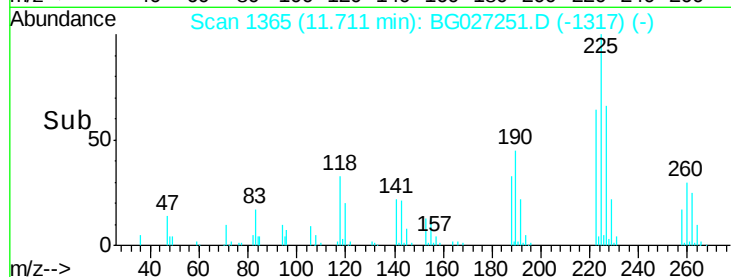
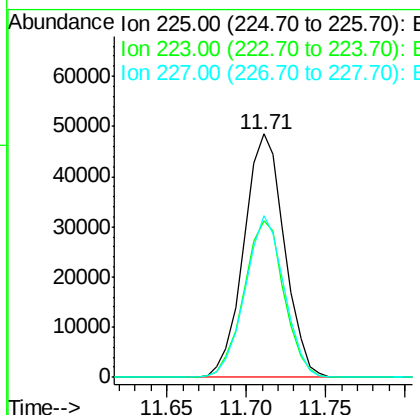
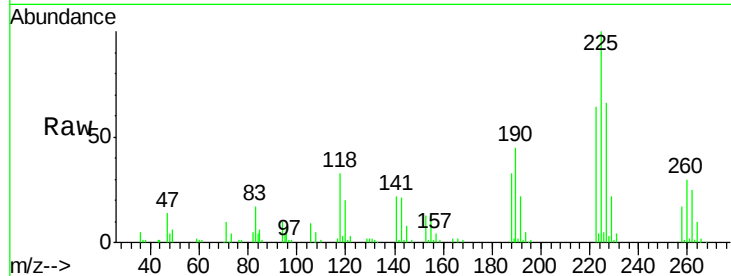
#34
Hexachlorobutadiene
Concen: 35.221 ng
RT: 11.71 min Scan# 1365
Delta R.T. -0.02 min
Lab File: BG027251.D
Acq: 6 Jun 2017 16:14

Instrument :
BNA_G
ClientSampleId :
COMP-1MSD

Tgt Ion: 225 Resp: 85838
Ion Ratio Lower Upper
225 100
223 64.3 50.7 76.1
227 66.2 49.0 73.6

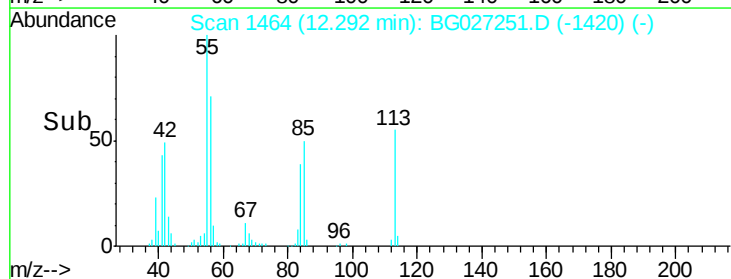
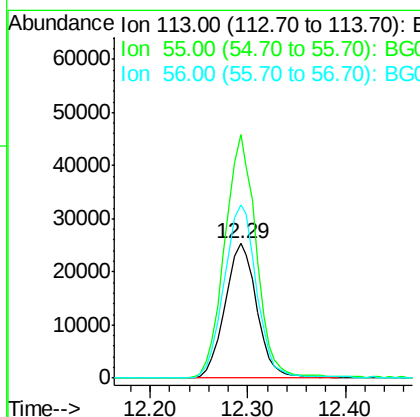
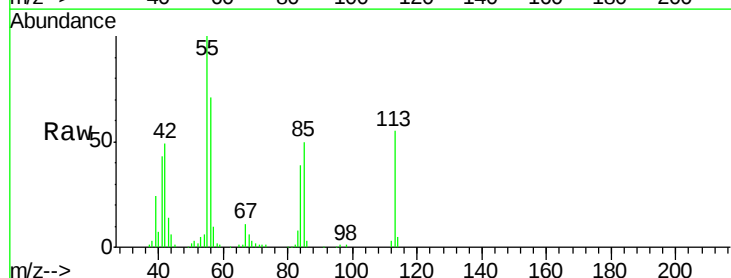
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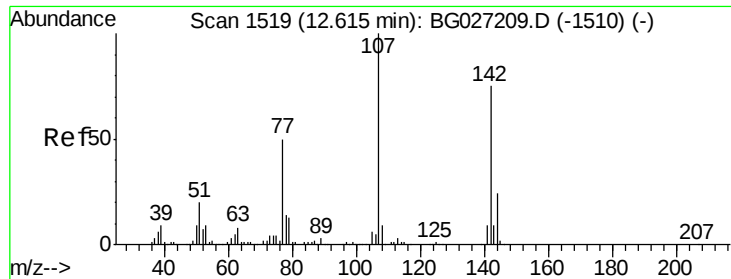
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#35
Caprolactam
Concen: 46.662 ng
RT: 12.29 min Scan# 1464
Delta R.T. -0.04 min
Lab File: BG027251.D
Acq: 6 Jun 2017 16:14

Tgt Ion: 113 Resp: 57313
Ion Ratio Lower Upper
113 100
55 181.1 198.6 238.6#
56 128.6 140.4 180.4#





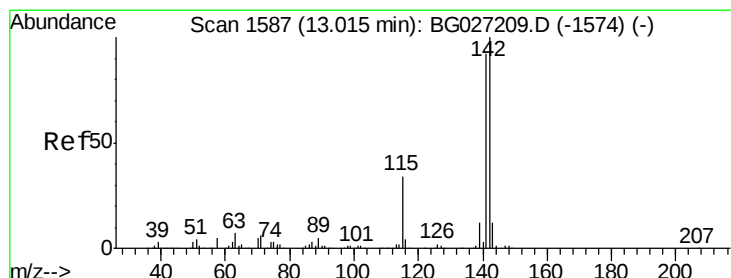
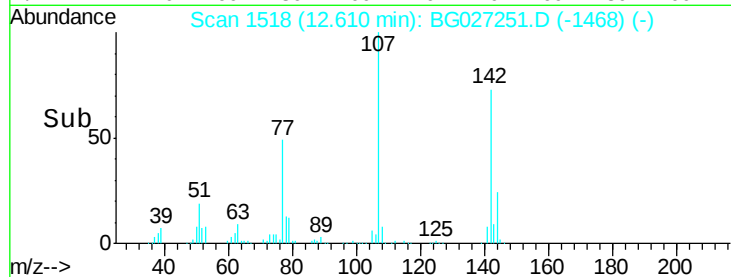
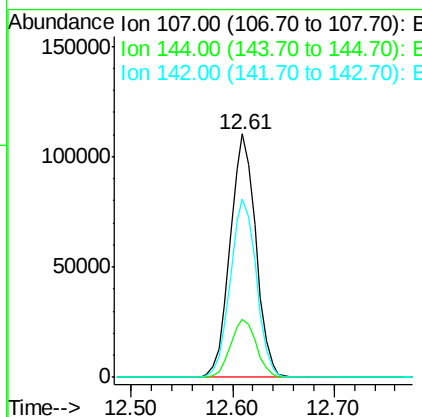
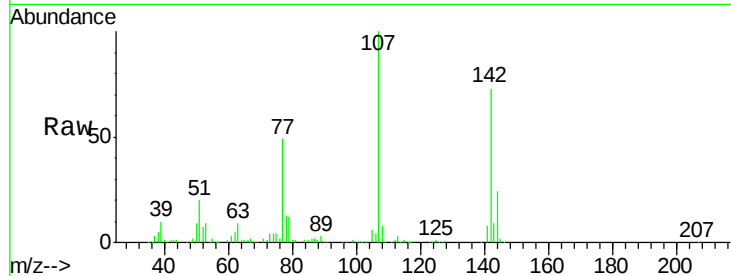
#36
 4-Chloro-3-methylphenol
 Concen: 43.078 ng
 RT: 12.61 min Scan# 1518
 Delta R.T. -0.01 min
 Lab File: BG027251.D
 Acq: 6 Jun 2017 16:14

Instrument :
 BNA_G
 ClientSampled :
 COMP-1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	193359		
144	23.6	17.4	26.0	
142	73.3	54.1	81.1	

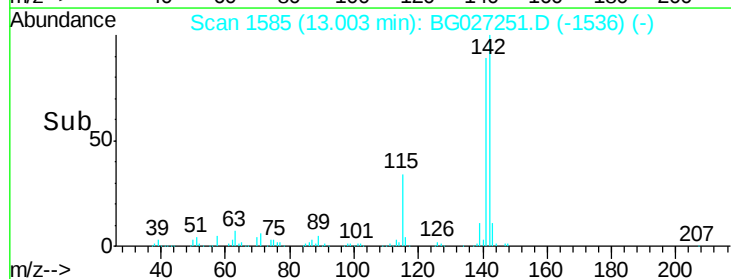
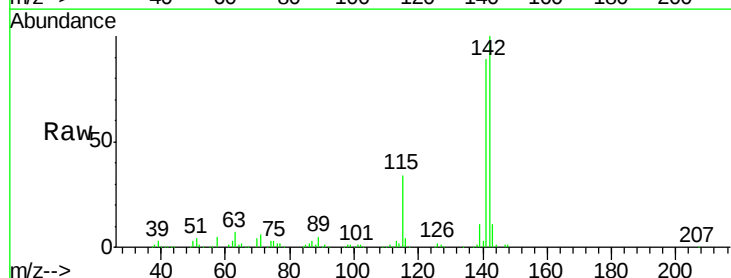
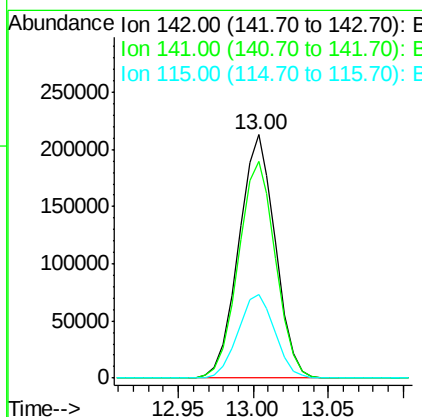
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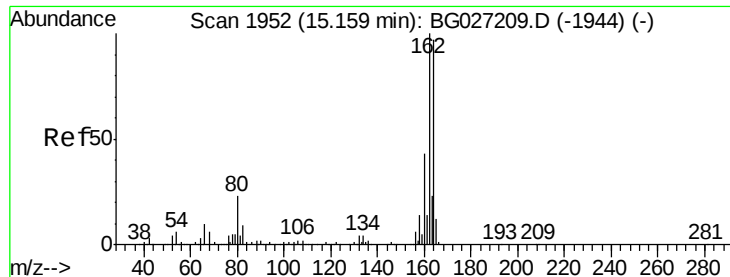
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#37
 2-Methylnaphthalene
 Concen: 37.340 ng m
 RT: 13.00 min Scan# 1585
 Delta R.T. -0.01 min
 Lab File: BG027251.D
 Acq: 6 Jun 2017 16:14

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	363257		
141	88.8	70.4	105.6	
115	34.1	35.5	53.3	





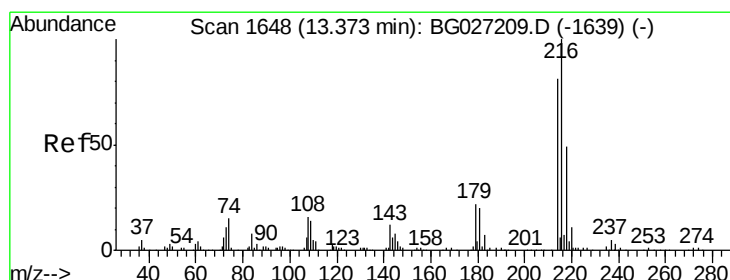
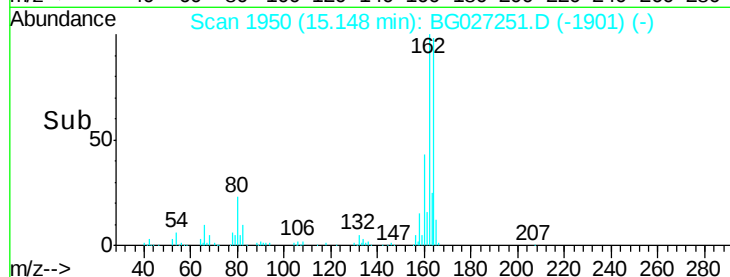
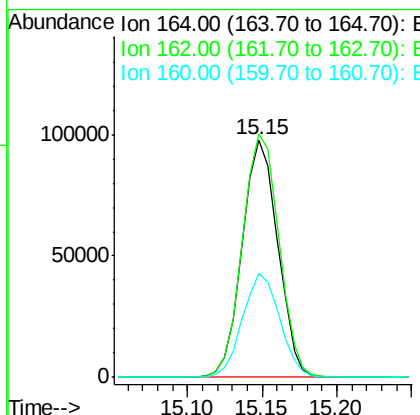
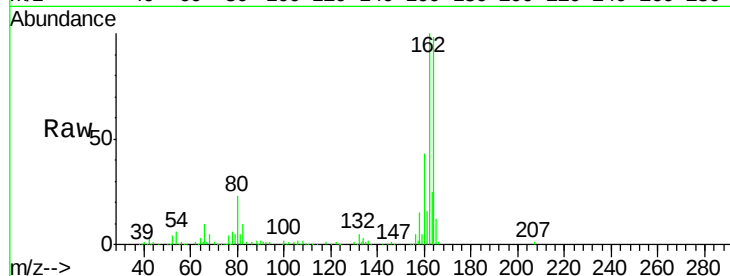
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.15 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BG027251.D
Acq: 6 Jun 2017 16:14

Instrument :
BNA_G
ClientSampled :
COMP-1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	161696		
162	102.5	85.1	127.7	
160	44.0	34.7	52.1	

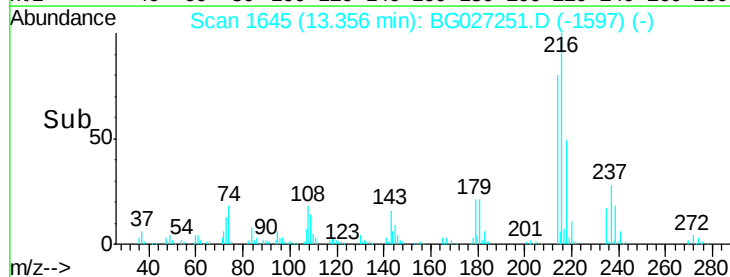
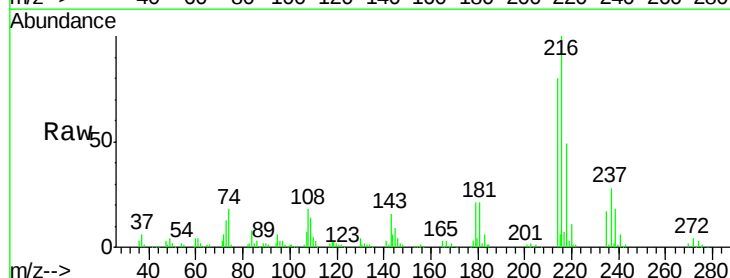
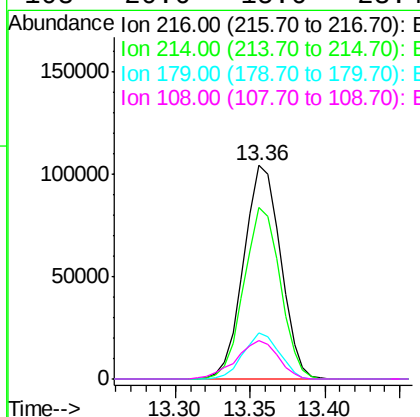
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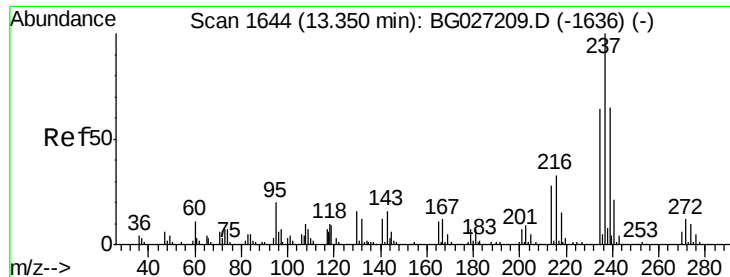
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#39
1,2,4,5-Tetrachlorobenzene
Concen: 35.435 ng
RT: 13.36 min Scan# 1645
Delta R.T. -0.02 min
Lab File: BG027251.D
Acq: 6 Jun 2017 16:14

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	178499		
214	78.7	64.4	96.6	
179	20.8	17.4	26.0	
108	20.6	15.6	23.4	





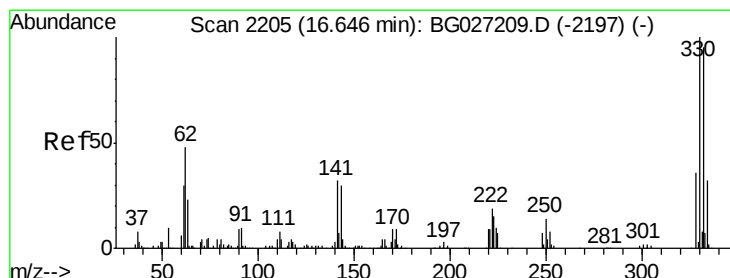
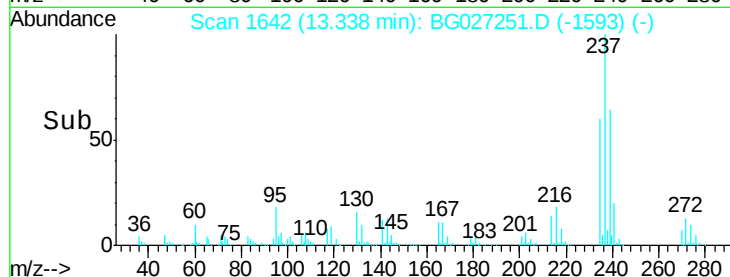
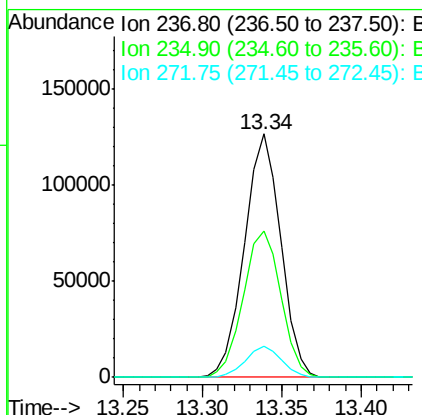
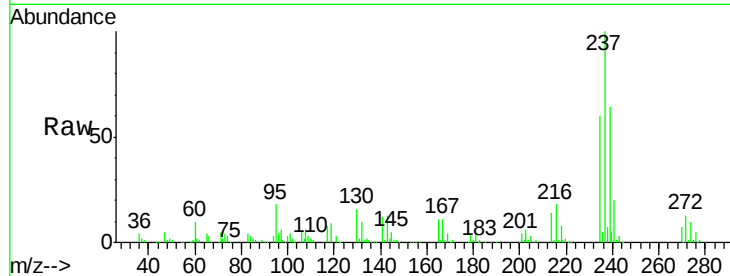
#40
Hexachlorocyclopentadiene
Concen: 75.164 ng
RT: 13.34 min Scan# 1642
Delta R.T. -0.01 min
Lab File: BG027251.D
Acq: 6 Jun 2017 16:14

Instrument :
BNA_G
ClientSampleId :
COMP-1MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	60.0	39.4	79.4
272	12.9	0.0	32.0

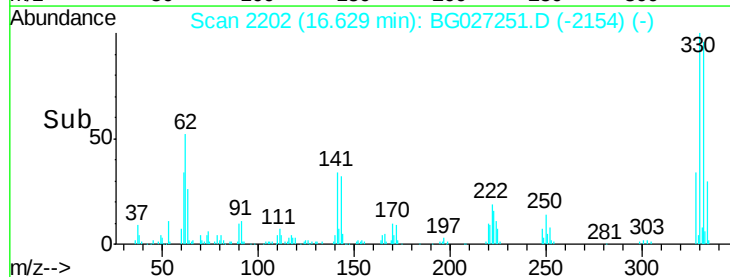
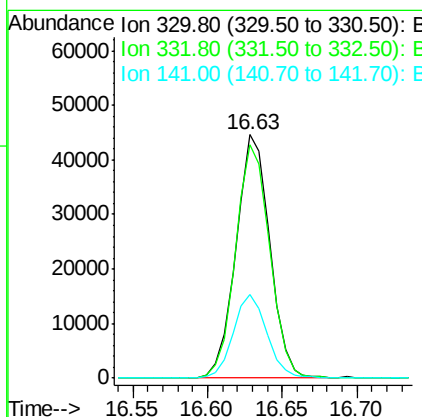
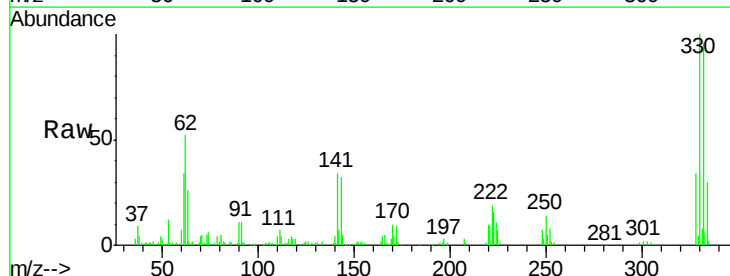
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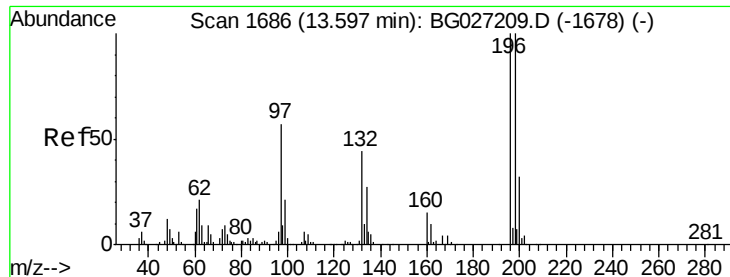
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#41
2,4,6-Tribromophenol
Concen: 32.854 ng
RT: 16.63 min Scan# 2202
Delta R.T. -0.02 min
Lab File: BG027251.D
Acq: 6 Jun 2017 16:14

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	96.9	77.3	115.9
141	34.4	32.1	48.1





#42

2,4,6-Trichlorophenol

Concen: 11.295 ng

RT: 13.59 min Scan# 1684

Delta R.T. -0.01 min

Lab File: BG027251.D

Acq: 6 Jun 2017 16:14

Instrument :

BNA_G

ClientSampled :

COMP-1MSD

Tgt Ion:196 Resp: 34508

Ion Ratio Lower Upper

196 100

198 99.5 81.4 122.2

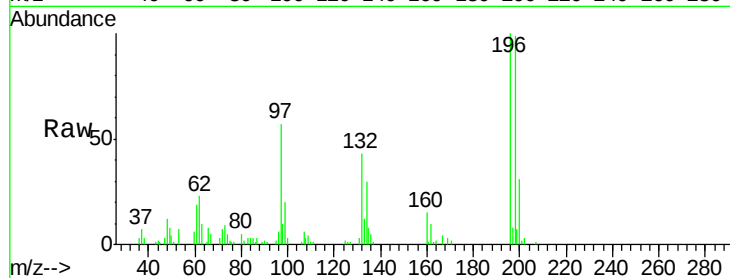
200 31.0 27.0 40.6

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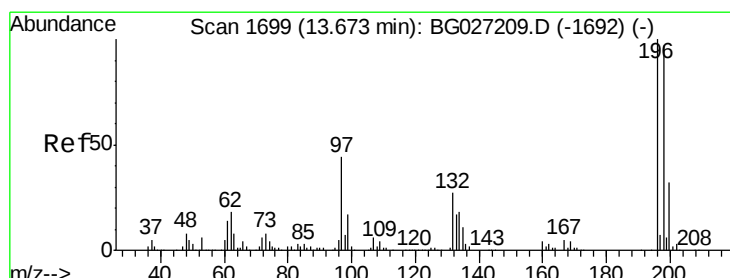
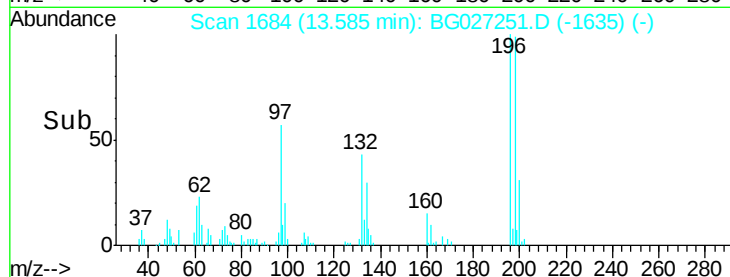
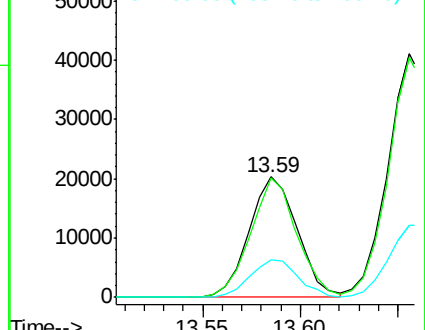


Abundance

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: 20.250 ng

RT: 13.66 min Scan# 1696

Delta R.T. -0.02 min

Lab File: BG027251.D

Acq: 6 Jun 2017 16:14

Tgt Ion:196 Resp: 69232

Ion Ratio Lower Upper

196 100

198 98.4 79.9 119.9

97 49.2 45.4 68.0

132 27.0 20.7 31.1

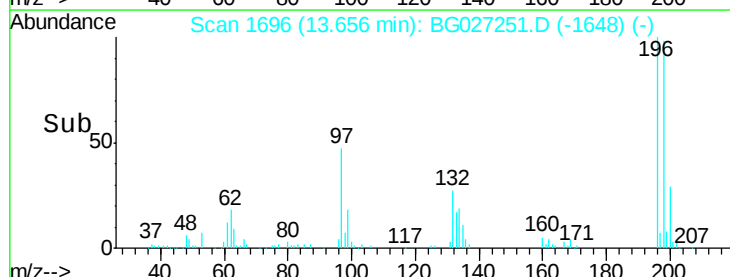
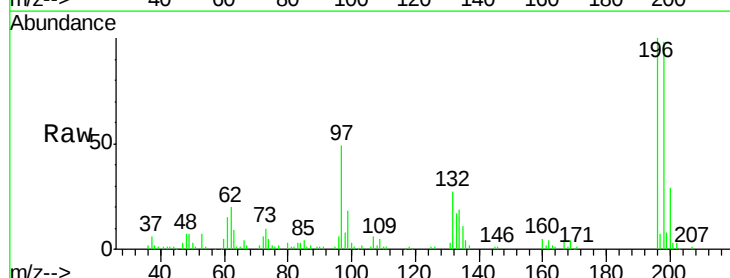
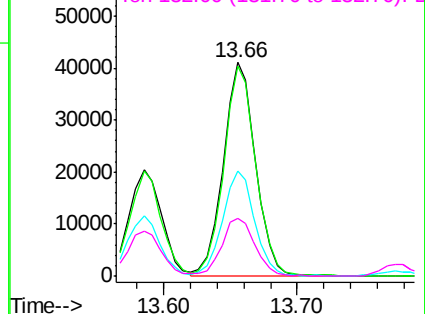
Abundance

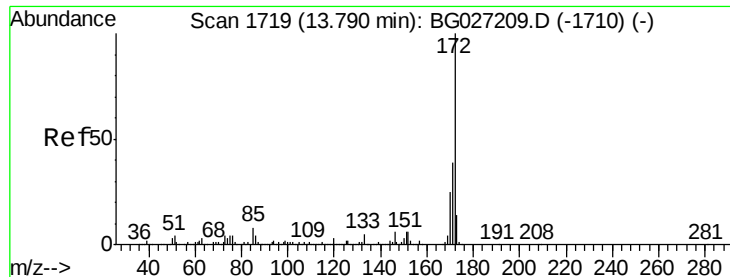
Ion 196.00 (195.70 to 196.70): E

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





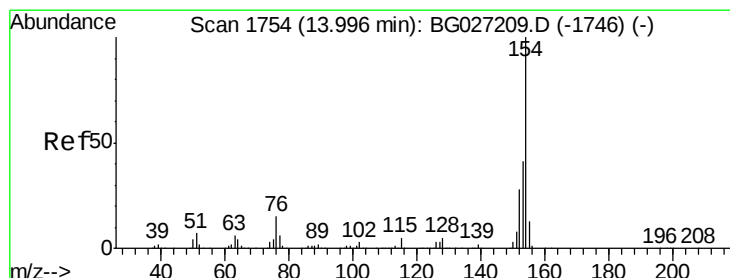
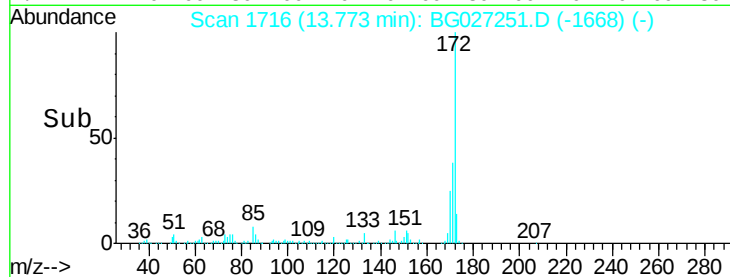
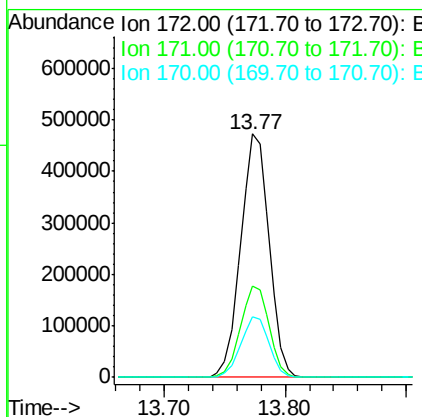
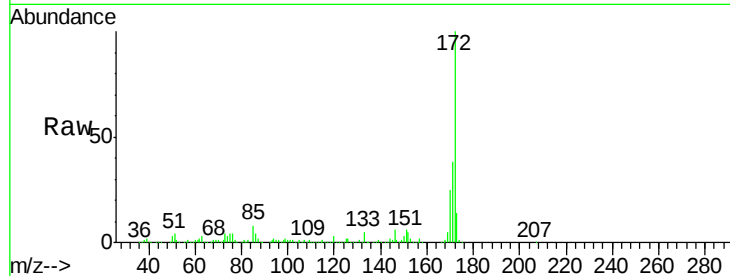
#44
2-Fluorobiphenyl
Concen: 67.045 ng
RT: 13.77 min Scan# 1716
Delta R.T. -0.02 min
Lab File: BG027251.D
Acq: 6 Jun 2017 16:14

Instrument :
BNA_G
ClientSampleId :
COMP-1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	774915		
171	37.6	32.2	48.2	
170	24.9	21.8	32.6	

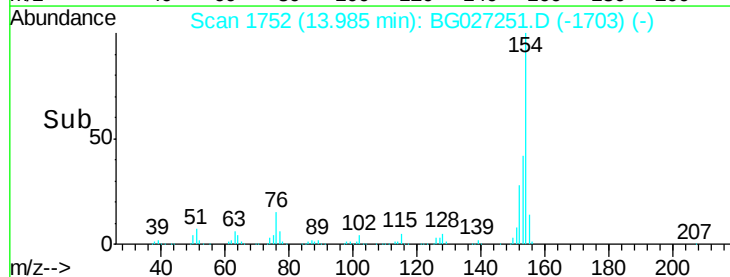
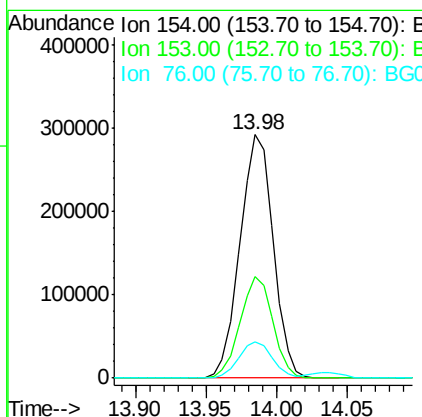
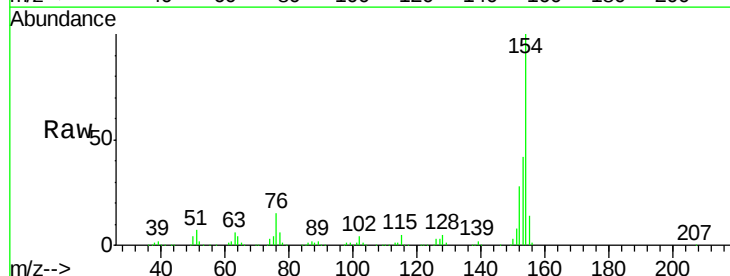
Manual Integrations
APPROVED

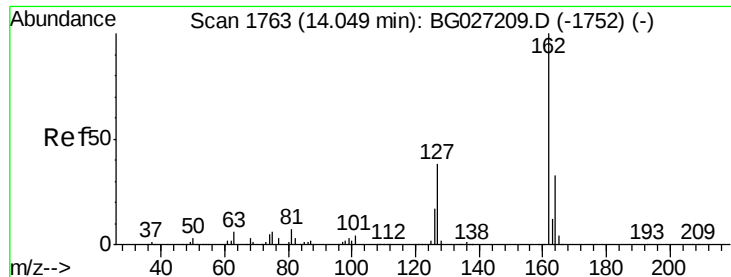
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#45
1,1'-Biphenyl
Concen: 36.486 ng
RT: 13.98 min Scan# 1752
Delta R.T. -0.01 min
Lab File: BG027251.D
Acq: 6 Jun 2017 16:14

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	481548		
153	41.5	23.0	63.0	
76	15.1	0.0	33.5	





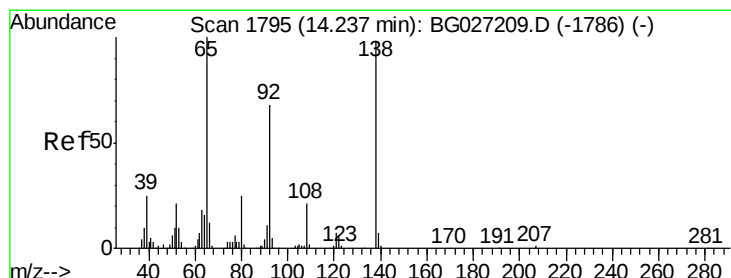
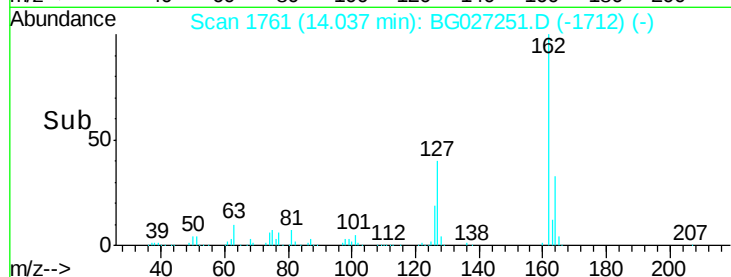
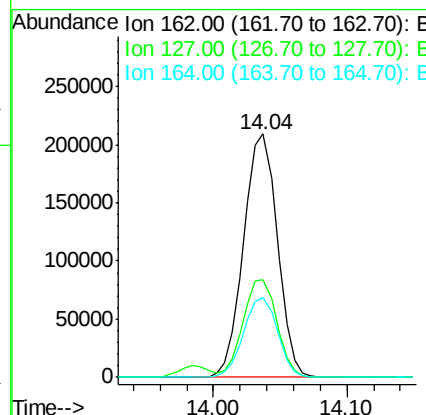
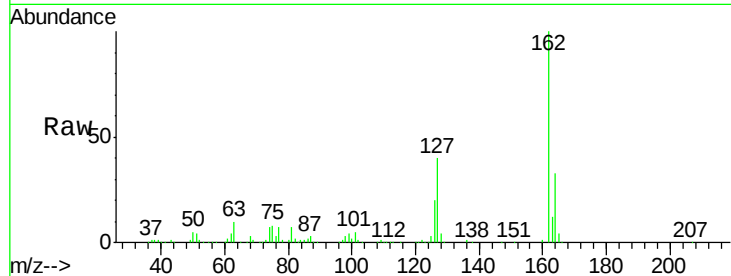
#46
2-Chloronaphthalene
Concen: 36.933 ng
RT: 14.04 min Scan# 1761
Delta R.T. -0.01 min
Lab File: BG027251.D
Acq: 6 Jun 2017 16:14

Instrument :
BNA_G
ClientSampled :
COMP-1MSD

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.2	32.2	48.4
164	33.0	27.3	40.9

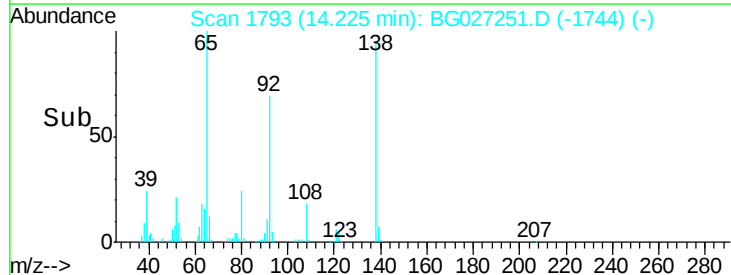
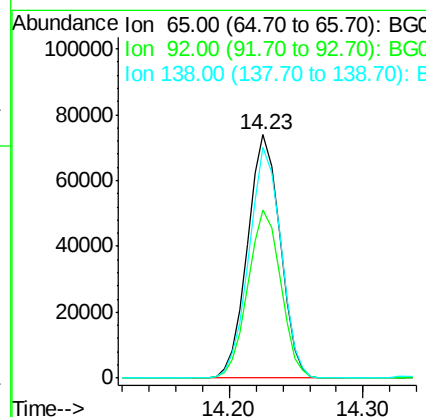
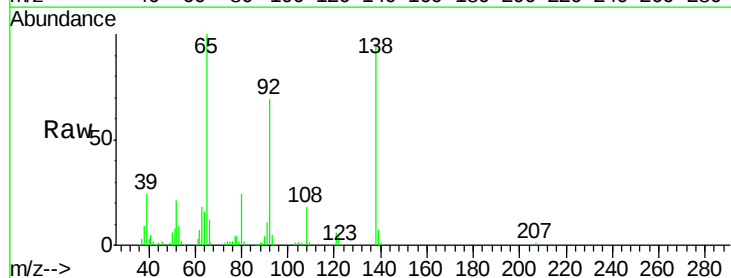
Manual Integrations
APPROVED

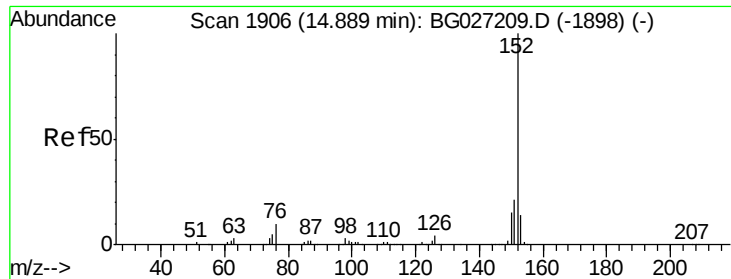
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#47
2-Nitroaniline
Concen: 44.893 ng
RT: 14.23 min Scan# 1793
Delta R.T. -0.01 min
Lab File: BG027251.D
Acq: 6 Jun 2017 16:14

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.3	49.0	73.4
138	94.5	58.6	87.8





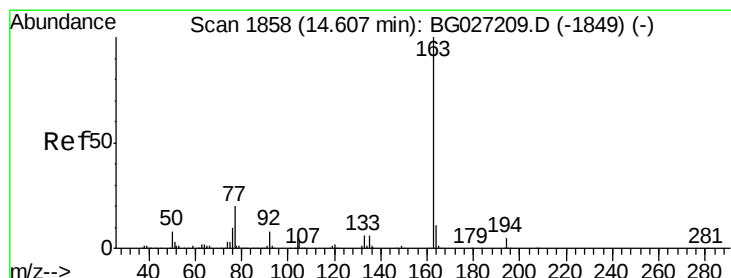
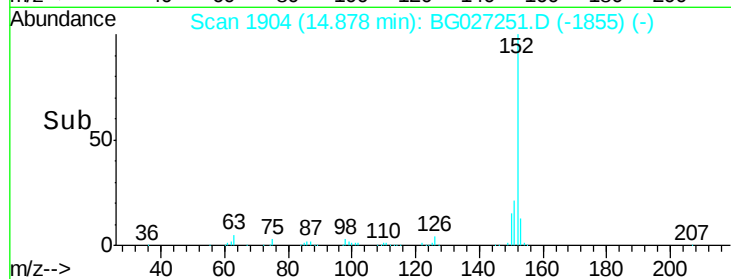
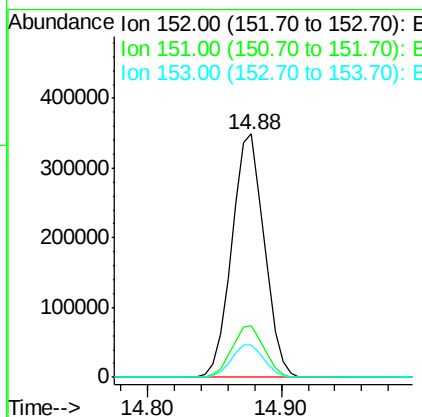
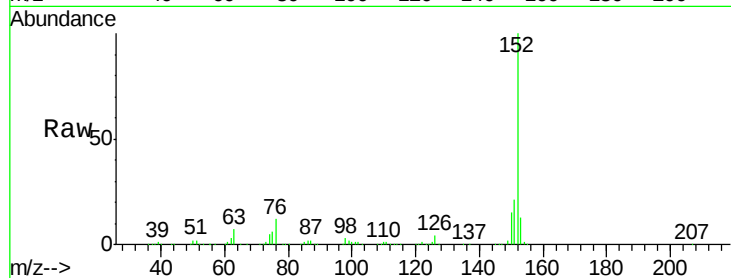
#48
Acenaphthylene
Concen: 35.211 ng
RT: 14.88 min Scan# 1904
Delta R.T. -0.01 min
Lab File: BG027251.D
Acq: 6 Jun 2017 16:14

Instrument :
BNA_G
ClientSampleId :
COMP-1MSD

Tgt Ion:	152	Resp:	589666
Ion Ratio		Lower	Upper
152	100		
151	21.3	18.2	27.2
153	13.4	11.3	16.9

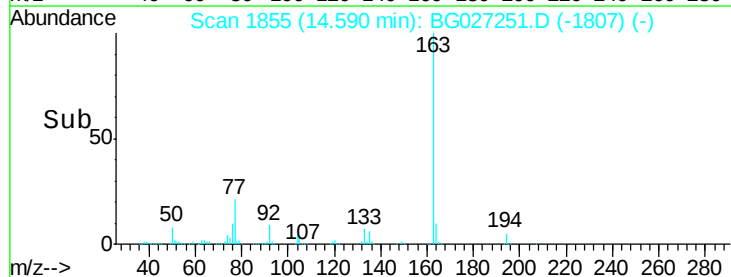
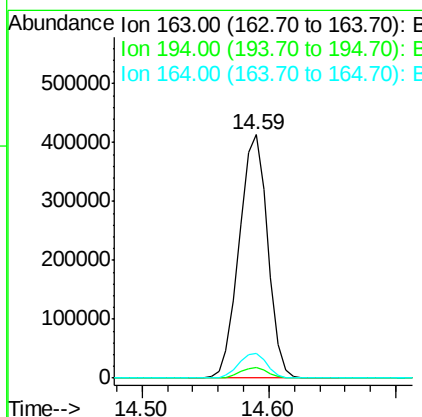
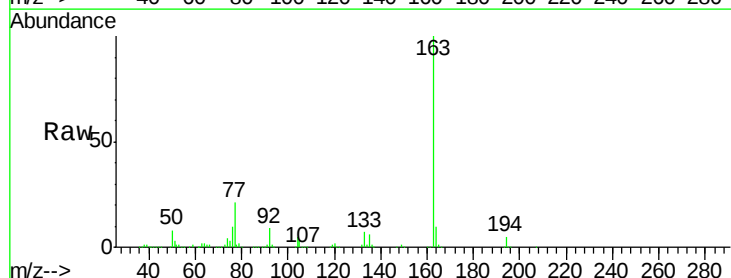
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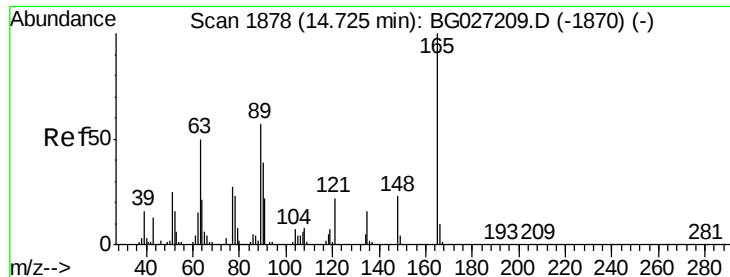
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#49
Dimethylphthalate
Concen: 50.042 ng
RT: 14.59 min Scan# 1855
Delta R.T. -0.02 min
Lab File: BG027251.D
Acq: 6 Jun 2017 16:14

Tgt Ion:	163	Resp:	641883
Ion Ratio		Lower	Upper
163	100		
194	4.6	3.8	5.6
164	10.3	9.3	13.9





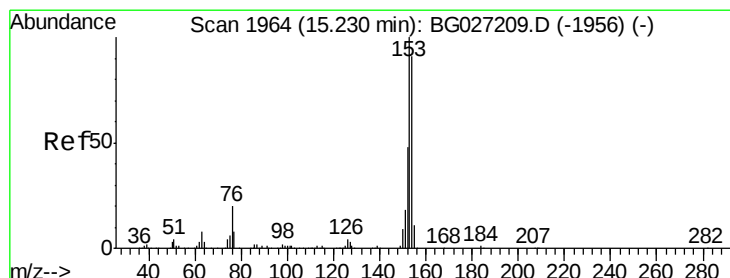
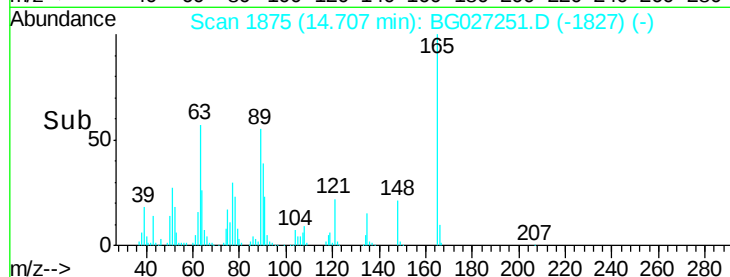
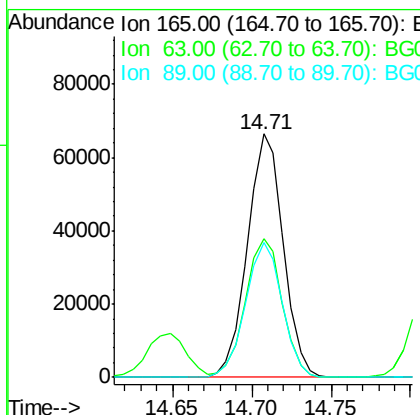
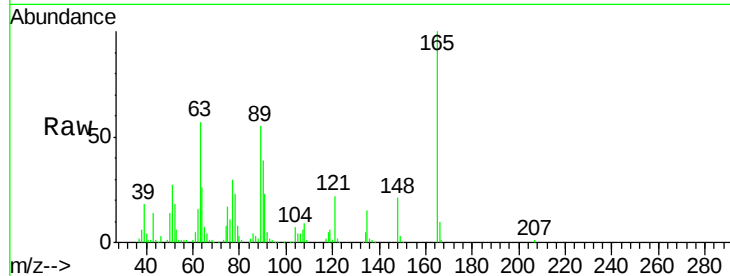
#50
2,6-Dinitrotoluene
Concen: 40.926 ng
RT: 14.71 min Scan# 1875
Delta R.T. -0.02 min
Lab File: BG027251.D
Acq: 6 Jun 2017 16:14

Instrument :
BNA_G
ClientSampleId :
COMP-1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	104204		
63	56.8	63.9	95.9#	
89	55.3	58.6	88.0#	

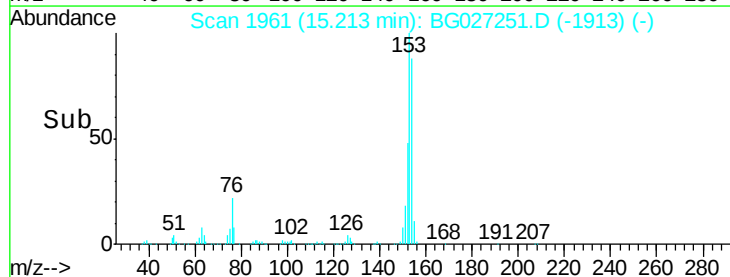
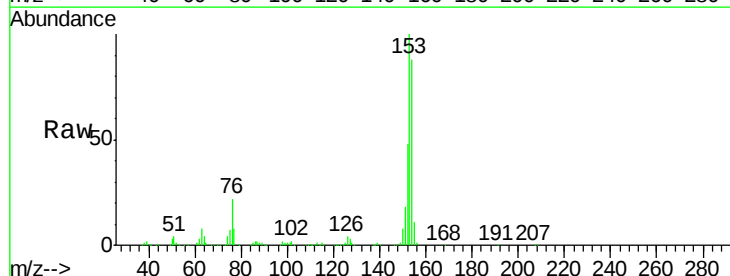
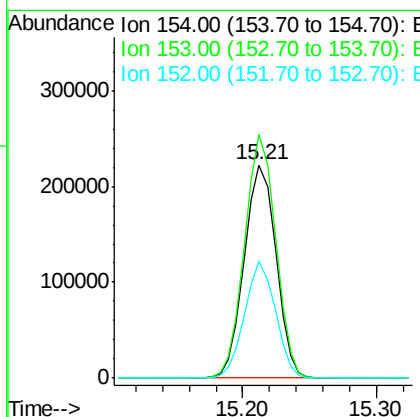
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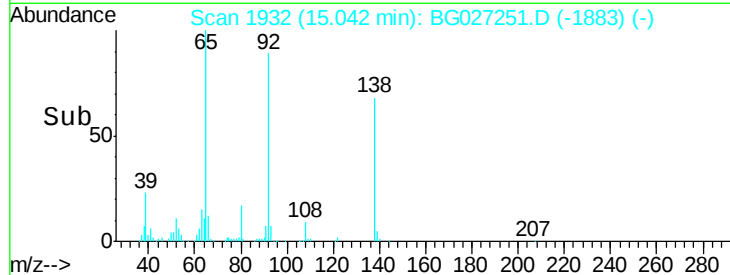
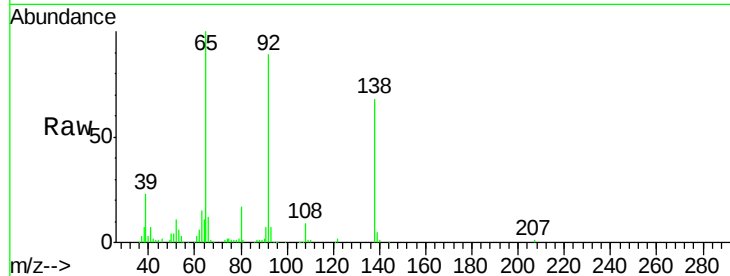
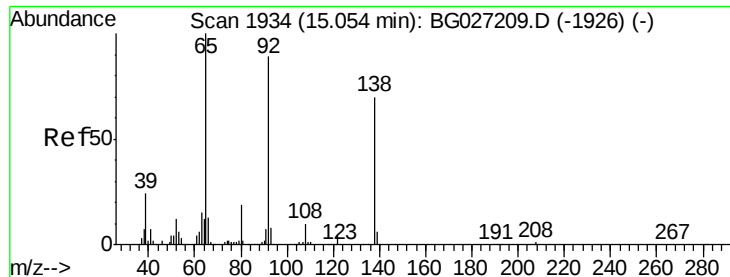
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#51
Acenaphthene
Concen: 33.624 ng
RT: 15.21 min Scan# 1961
Delta R.T. -0.02 min
Lab File: BG027251.D
Acq: 6 Jun 2017 16:14

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	366268		
153	114.3	87.8	131.6	
152	54.8	42.2	63.4	





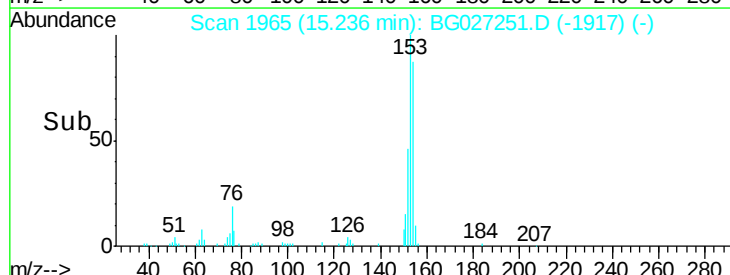
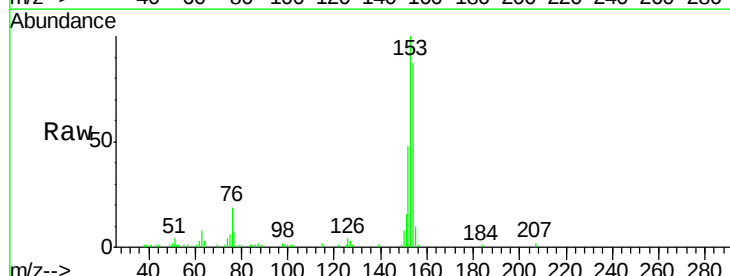
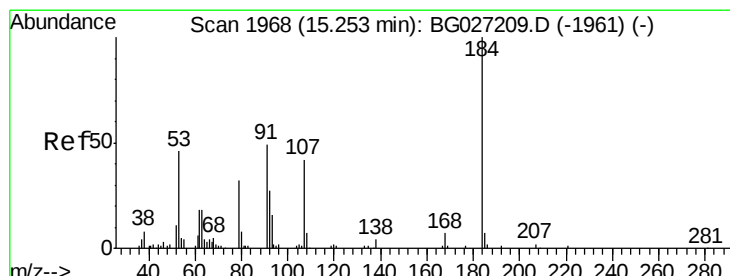
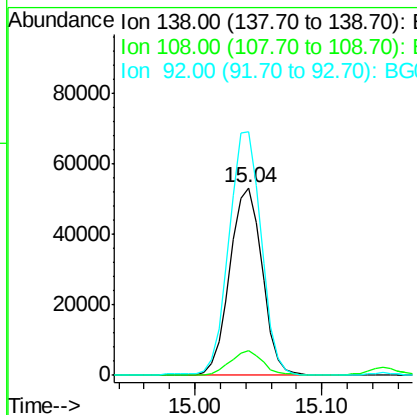
#52
3-Nitroaniline
Concen: 35.987 ng
RT: 15.04 min Scan# 1932
Delta R.T. -0.01 min
Lab File: BG027251.D
Acq: 6 Jun 2017 16:14

Tgt Ion:138 Resp: 93933
Ion Ratio Lower Upper
138 100
108 13.2 10.9 16.3
92 129.6 115.3 172.9

Instrument :
BNA_G
ClientSampleId :
COMP-1MSD

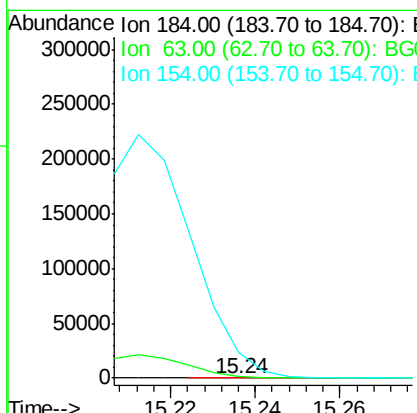
Manual Integrations
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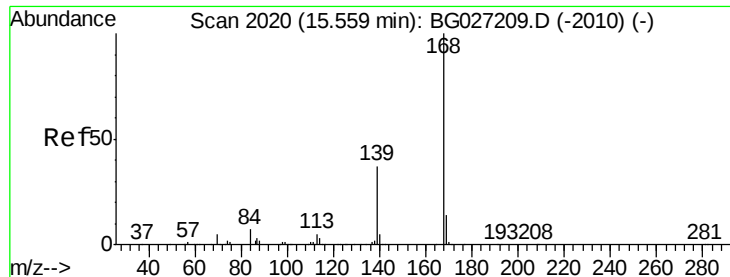
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#53
2,4-Dinitrophenol
Concen: 4.826 ng
RT: 15.24 min Scan# 1965
Delta R.T. -0.02 min
Lab File: BG027251.D
Acq: 6 Jun 2017 16:14

Tgt Ion:184 Resp: 174
Ion Ratio Lower Upper
184 100
63 686.6 52.7 79.1#
154 7972.5 57.3 85.9#





#54

Dibenzenofuran

Concen: 38.976 ng

RT: 15.54 min Scan# 2017

Delta R.T. -0.02 min

Lab File: BG027251.D

Acq: 6 Jun 2017 16:14

Instrument :

BNA_G

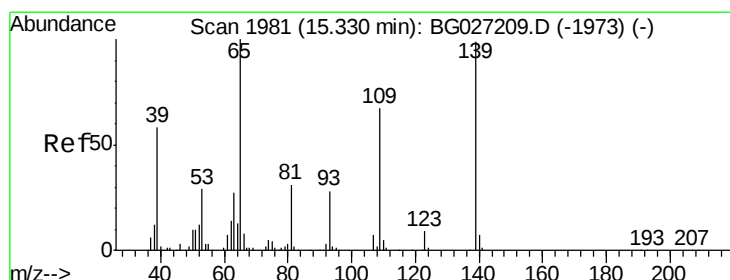
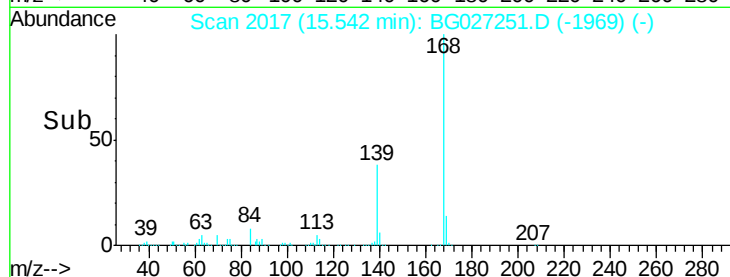
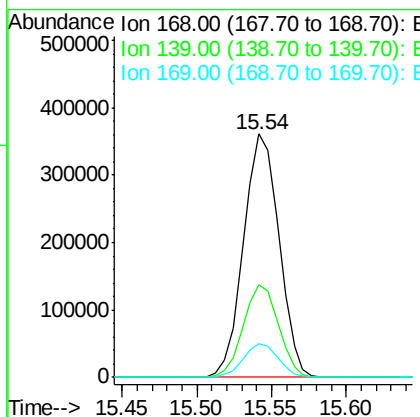
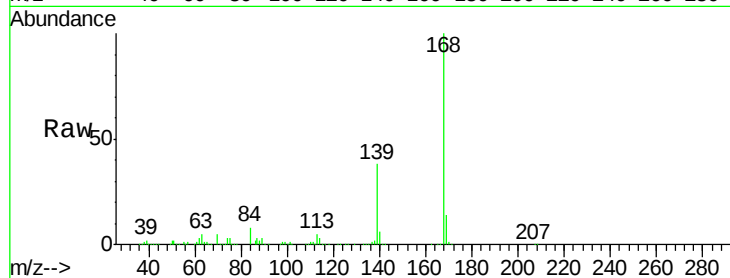
ClientSampled :

COMP-1MSD

Tgt Ion:	168	Resp:	593309
Ion Ratio	Lower	Upper	
168	100		
139	37.8	35.3	52.9
169	14.0	11.5	17.3

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#55

4-Nitrophenol

Concen: 11.195 ng

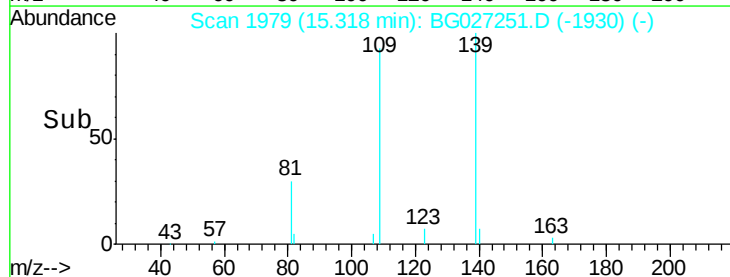
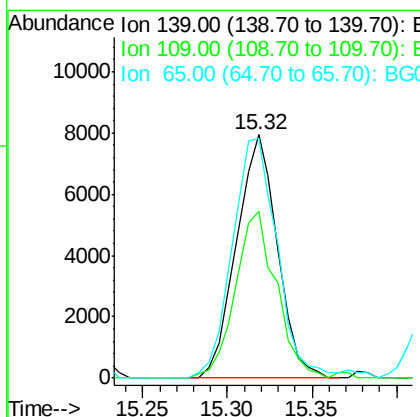
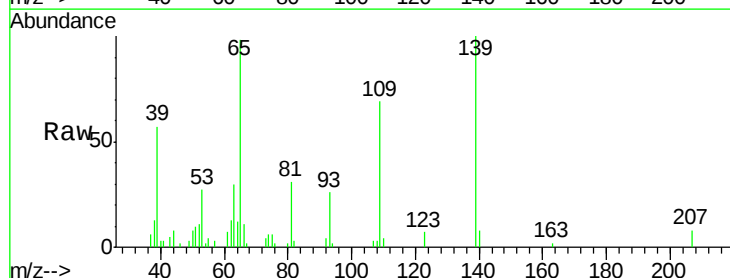
RT: 15.32 min Scan# 1979

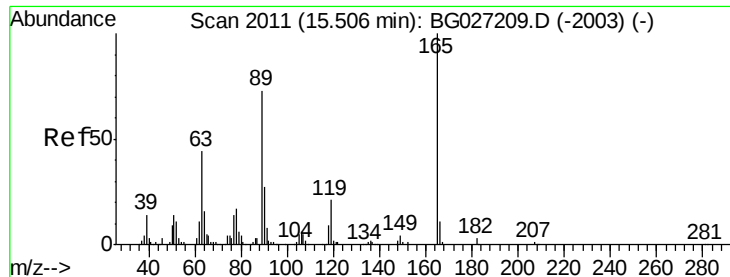
Delta R.T. -0.01 min

Lab File: BG027251.D

Acq: 6 Jun 2017 16:14

Tgt Ion:	139	Resp:	13304
Ion Ratio	Lower	Upper	
139	100		
109	68.5	101.2	141.2#
65	98.2	135.3	175.3#





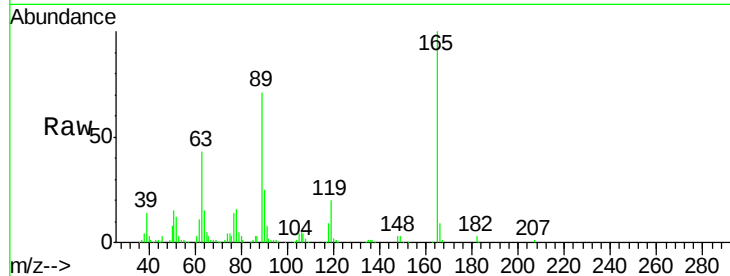
#56
2,4-Dinitrotoluene
Concen: 43.268 ng
RT: 15.49 min Scan# 2008
Delta R.T. -0.02 min
Lab File: BG027251.D
Acq: 6 Jun 2017 16:14

Instrument :
BNA_G
ClientSampled :
COMP-1MSD

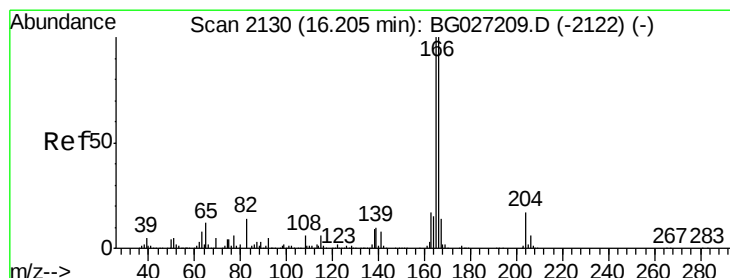
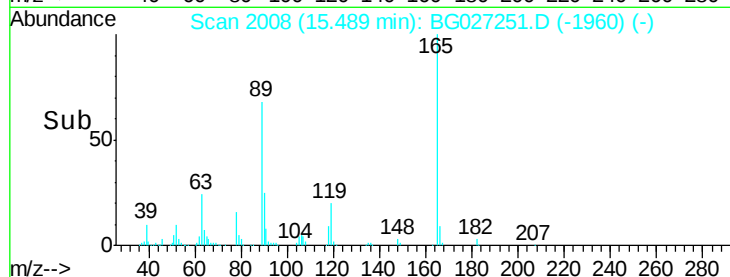
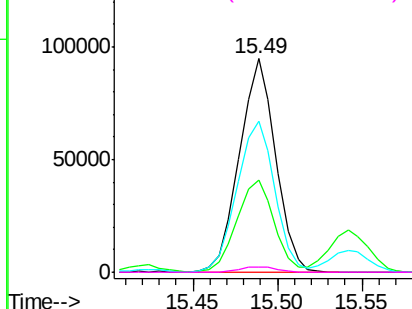
Tgt	Ion	Ratio	Resp	Lower	Upper
165	100		141559		
63	42.9	44.0	66.0#		
89	70.5	67.3	100.9		
182	2.6	3.8	5.6#		

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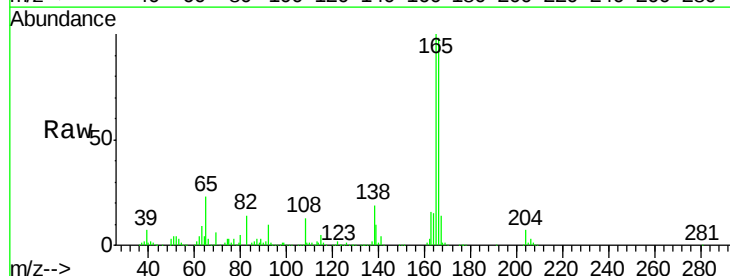


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

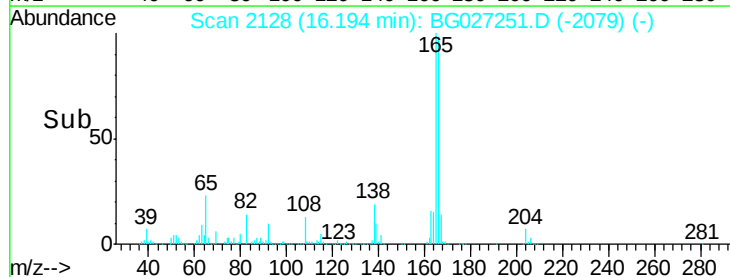
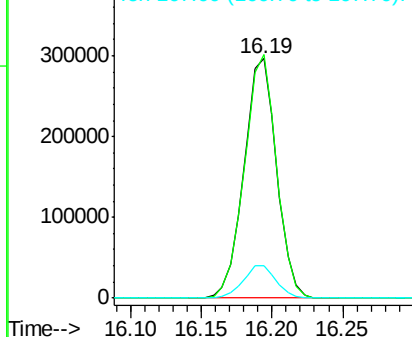


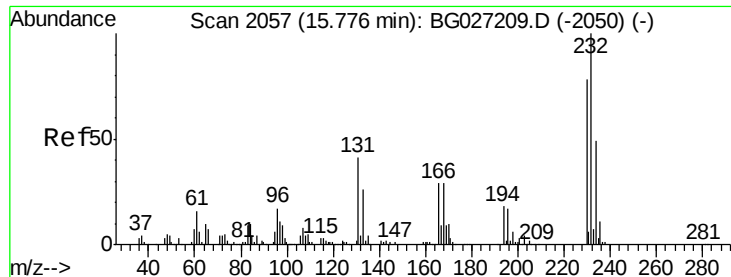
#57
Fluorene
Concen: 35.488 ng
RT: 16.19 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BG027251.D
Acq: 6 Jun 2017 16:14

Tgt	Ion	Ratio	Resp	Lower	Upper
166	100		479823		
165	101.7	78.6	117.8		
167	13.8	11.6	17.4		



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





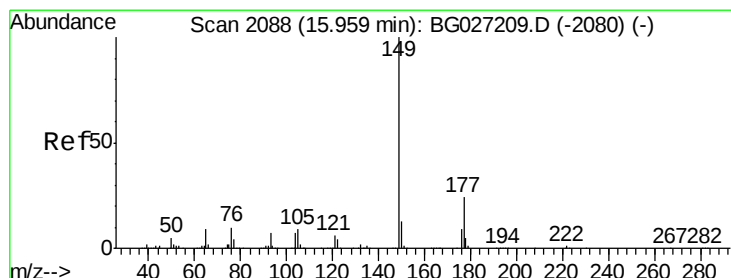
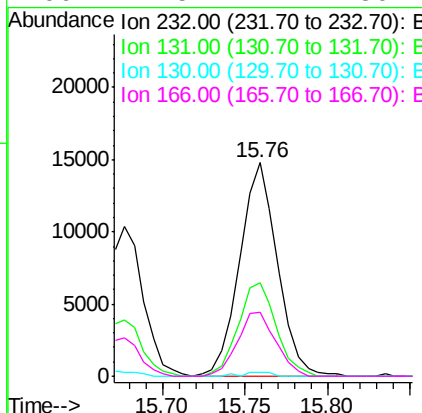
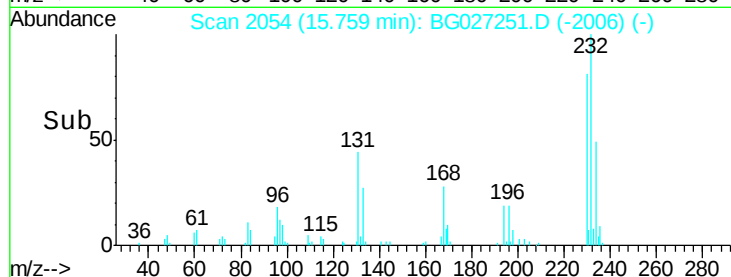
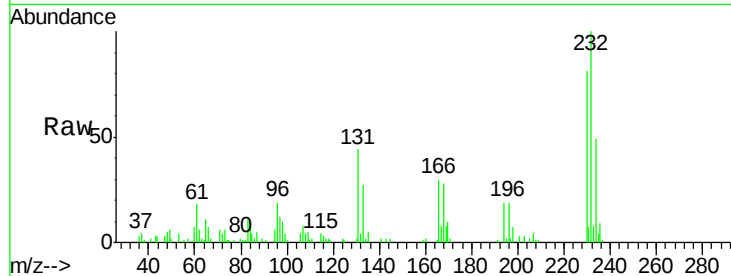
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 7.787 ng m
 RT: 15.76 min Scan# 2054
 Delta R.T. -0.02 min
 Lab File: BG027251.D
 Acq: 6 Jun 2017 16:14

Instrument :
 BNA_G
 ClientSampleId :
 COMP-1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	23765		
131	27.2	34.9	52.3#	
130	1.8	2.3	3.5#	
166	17.5	24.2	36.4#	

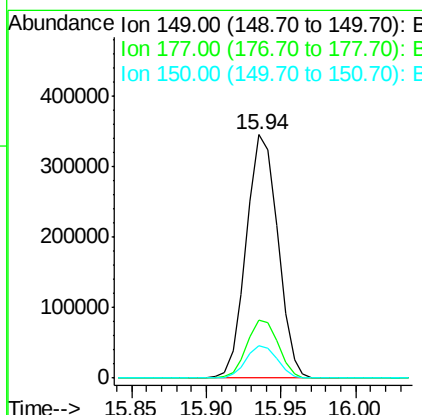
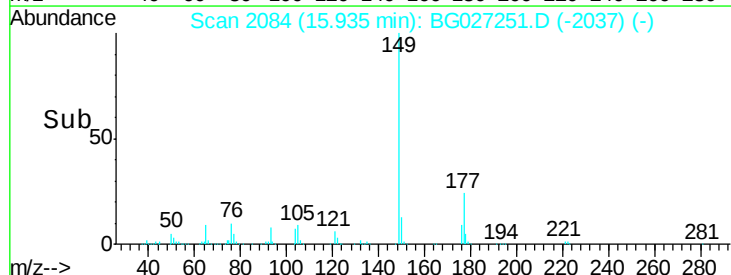
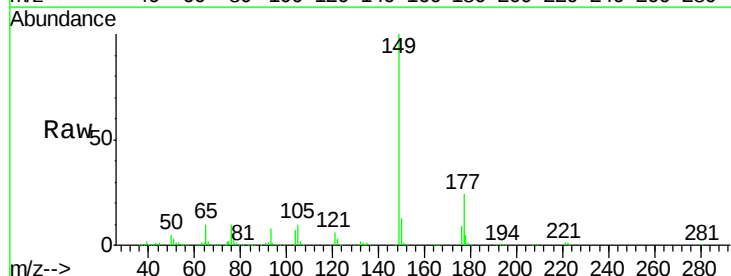
Manual Integrations
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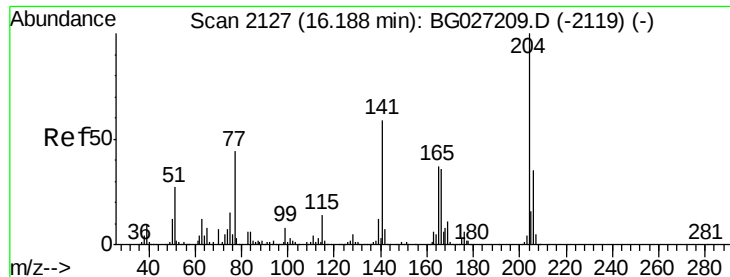
mohammad
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#59
 Diethylphthalate
 Concen: 39.487 ng
 RT: 15.94 min Scan# 2084
 Delta R.T. -0.02 min
 Lab File: BG027251.D
 Acq: 6 Jun 2017 16:14

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	505209		
177	23.7	20.1	30.1	
150	13.1	10.2	15.2	





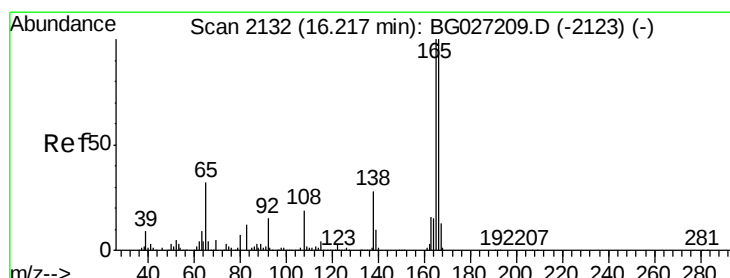
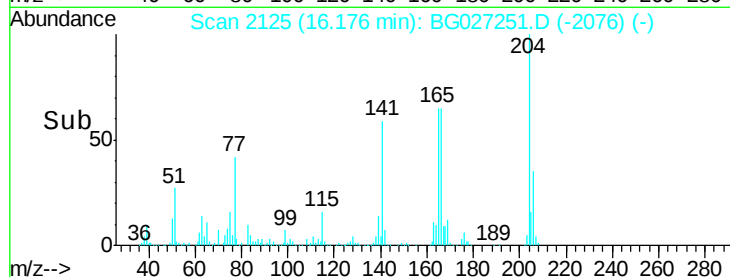
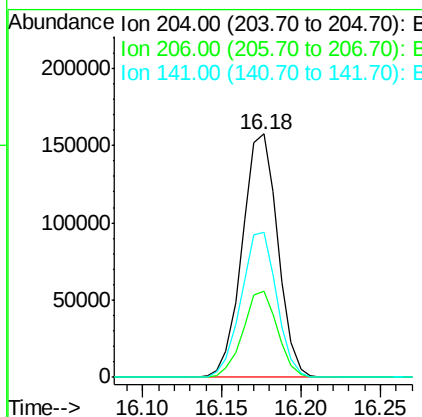
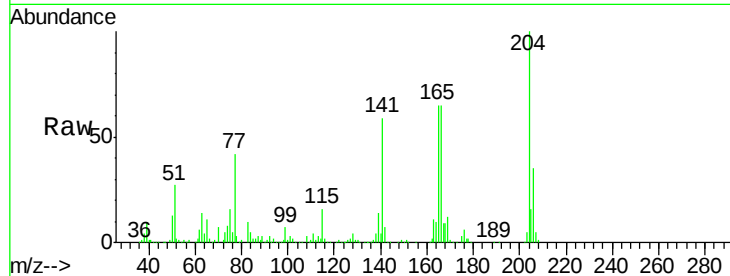
#60
 4-Chlorophenyl-phenylether
 Concen: 35.899 ng
 RT: 16.18 min Scan# 2125
 Delta R.T. -0.01 min
 Lab File: BG027251.D
 Acq: 6 Jun 2017 16:14

Instrument :
 BNA_G
 ClientSampleId :
 COMP-1MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
204	100		
206	35.4	30.1	45.1
141	59.4	50.6	76.0

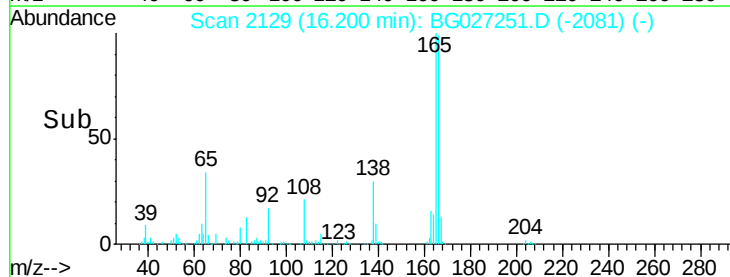
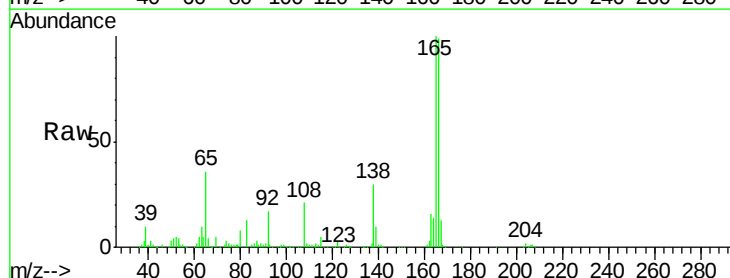
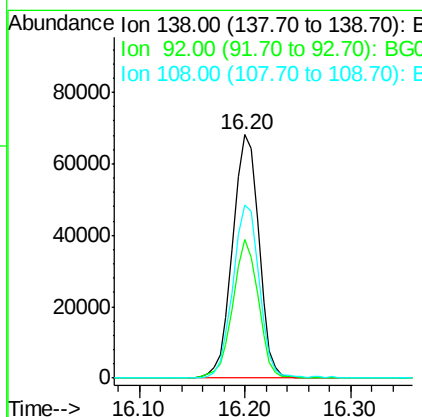
Manual Integrations
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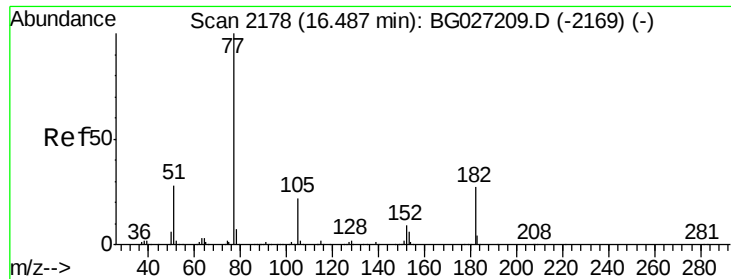
mohammad
 6/8/2017 8:24:43 AM



#61
 4-Nitroaniline
 Concen: 43.109 ng
 RT: 16.20 min Scan# 2129
 Delta R.T. -0.02 min
 Lab File: BG027251.D
 Acq: 6 Jun 2017 16:14

Tgt Ion	Ratio	Resp Lower	Resp Upper
138	100		
92	57.2	44.2	84.2
108	71.2	104.8	144.8#





#62

Azobenzene

Concen: 42.258 ng

RT: 16.47 min Scan# 2175

Delta R.T. -0.02 min

Lab File: BG027251.D

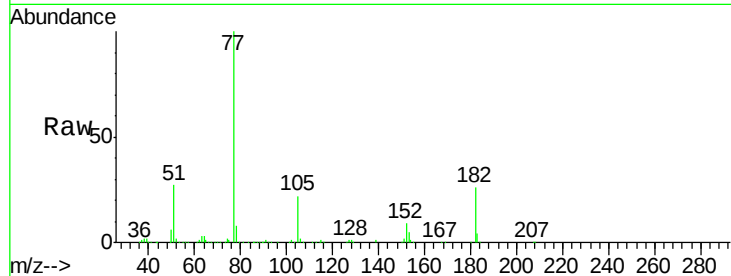
Acq: 6 Jun 2017 16:14

Instrument :

BNA_G

ClientSampleId :

COMP-1MSD



Tgt Ion: 77 Resp: 501099

Ion Ratio Lower Upper

77 100

182 25.8 4.7 44.7

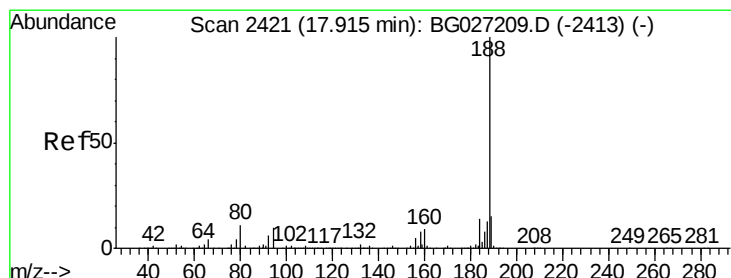
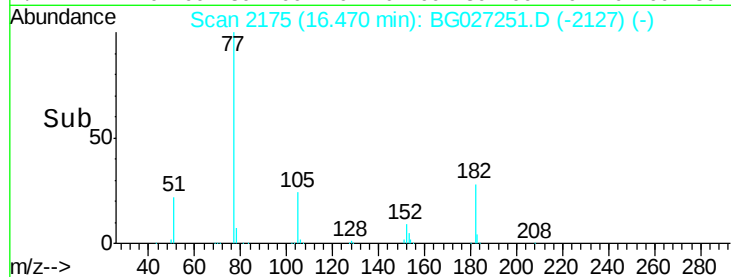
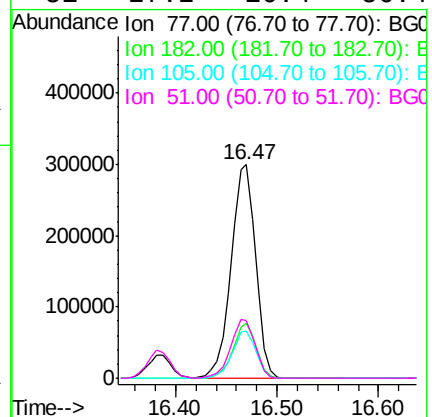
105 22.3 0.0 36.3

51 27.2 16.4 56.4

Manual Integrations
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#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.90 min Scan# 2418

Delta R.T. -0.02 min

Lab File: BG027251.D

Acq: 6 Jun 2017 16:14

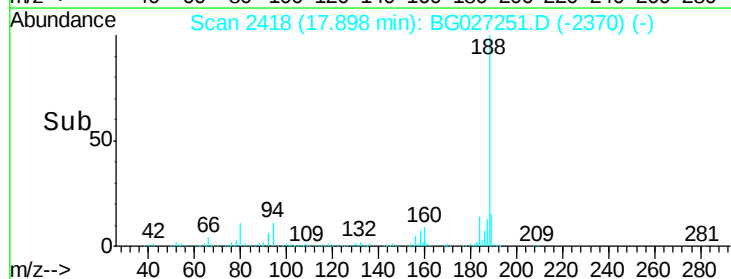
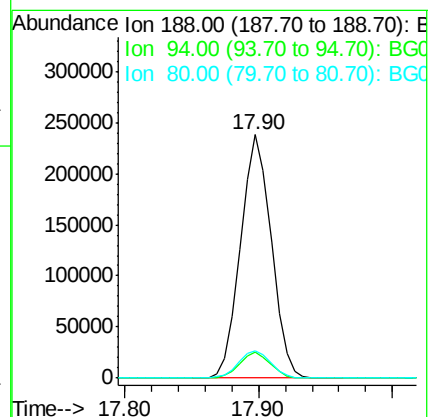
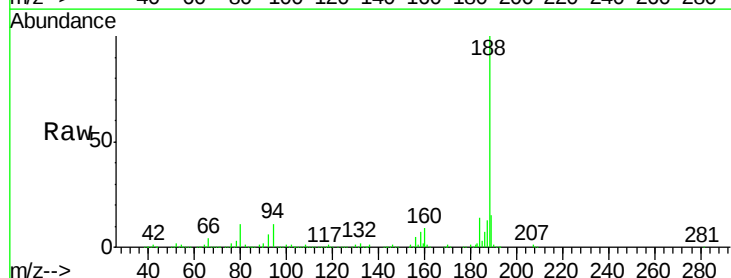
Tgt Ion: 188 Resp: 379627

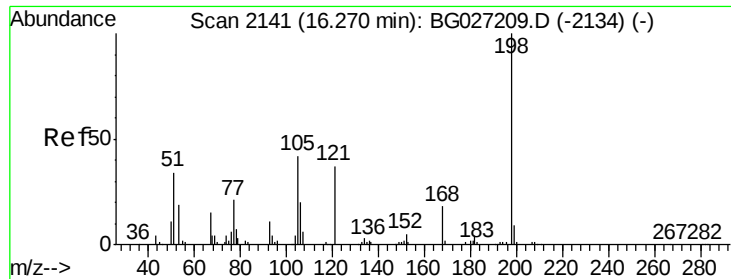
Ion Ratio Lower Upper

188 100

94 10.9 5.8 8.8#

80 11.0 7.5 11.3





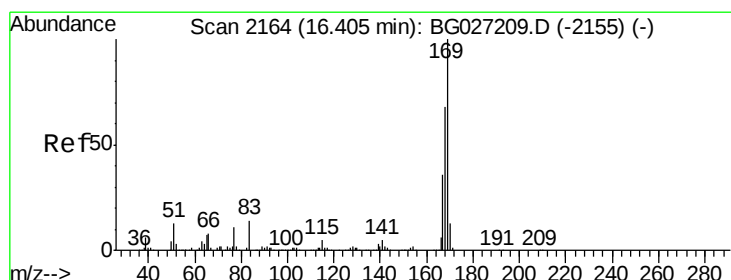
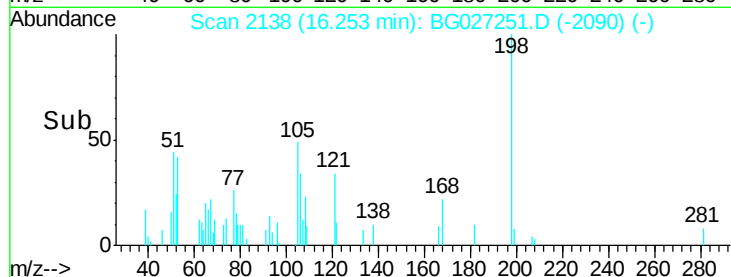
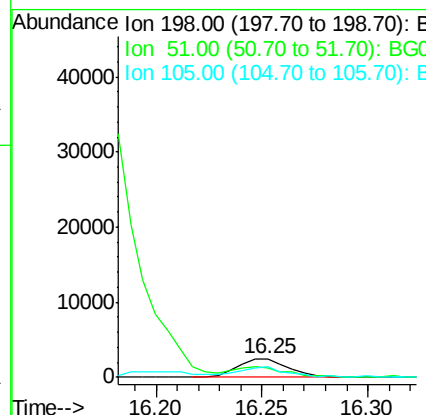
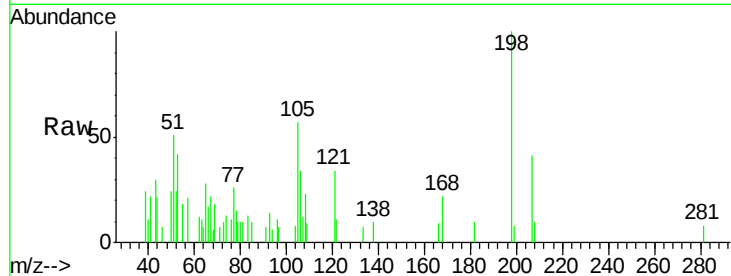
#64
4,6-Dinitro-2-methylphenol
Concen: 7.733 ng
RT: 16.25 min Scan# 2138
Delta R.T. -0.02 min
Lab File: BG027251.D
Acq: 6 Jun 2017 16:14

Instrument :
BNA_G
ClientSampleId :
COMP-1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	4012		
51	50.8	22.6	62.6	
105	56.6	14.4	54.4	

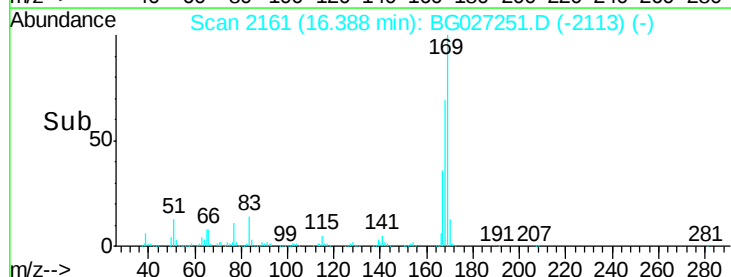
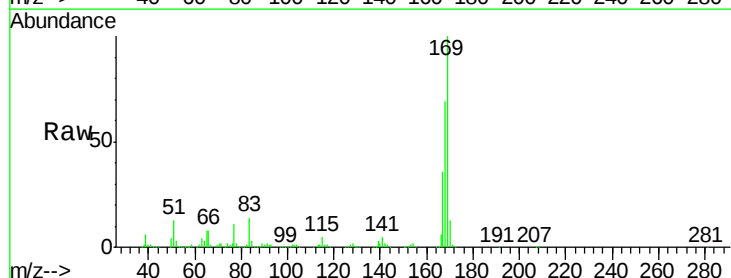
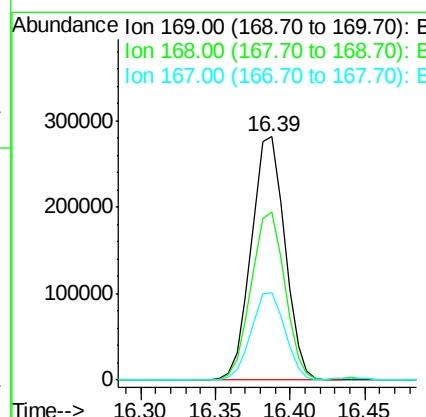
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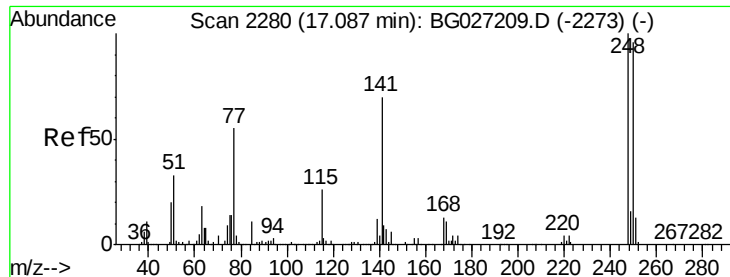
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#65
n-Nitrosodiphenylamine
Concen: 36.862 ng
RT: 16.39 min Scan# 2161
Delta R.T. -0.02 min
Lab File: BG027251.D
Acq: 6 Jun 2017 16:14

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	438718		
168	69.0	55.7	83.5	
167	36.1	29.8	44.6	





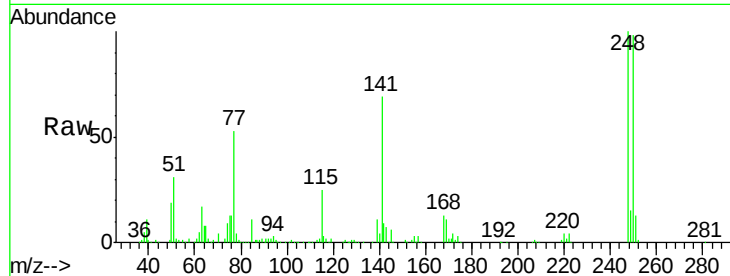
#66
 4-Bromophenyl-phenylether
 Concen: 36.072 ng
 RT: 17.08 min Scan# 2278
 Delta R.T. -0.01 min
 Lab File: BG027251.D
 Acq: 6 Jun 2017 16:14

Instrument :
 BNA_G
 ClientSampleID :
 COMP-1MSD

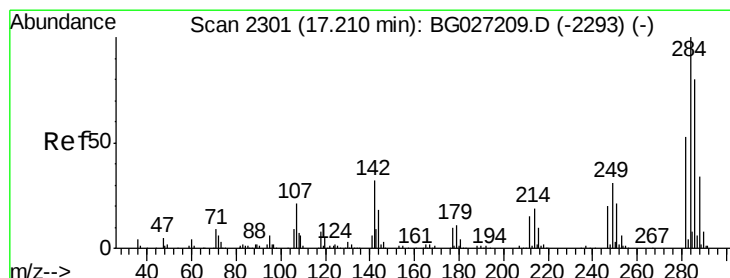
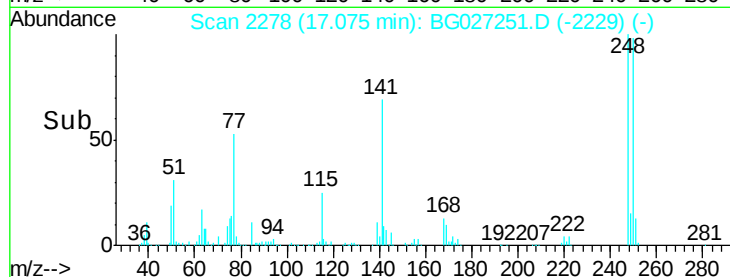
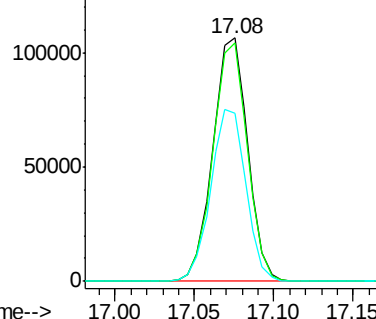
Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.8	75.0	112.6
141	68.9	55.2	82.8

Manual Integrations
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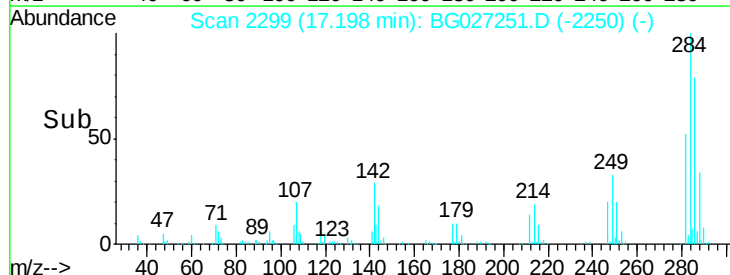
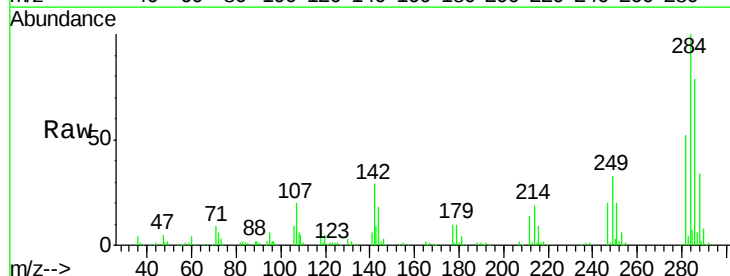
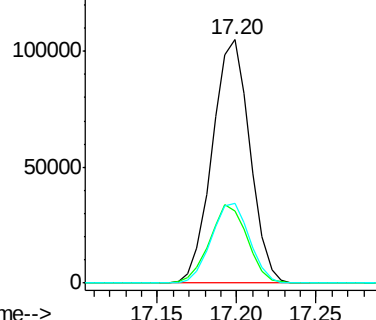
Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

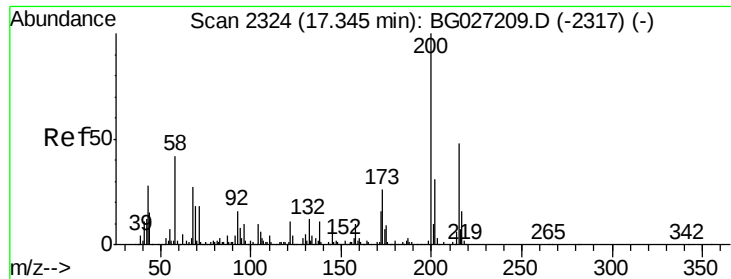


#67
 Hexachlorobenzene
 Concen: 35.723 ng
 RT: 17.20 min Scan# 2299
 Delta R.T. -0.01 min
 Lab File: BG027251.D
 Acq: 6 Jun 2017 16:14

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.5	29.9	44.9#
249	32.7	29.2	43.8

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





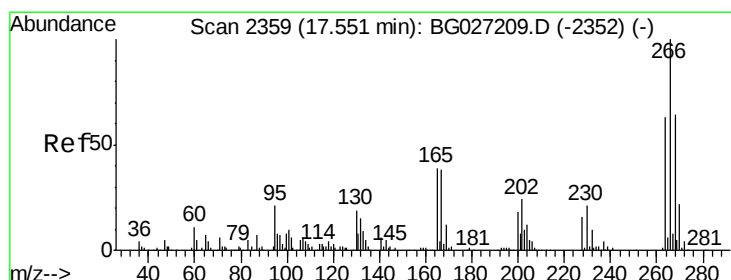
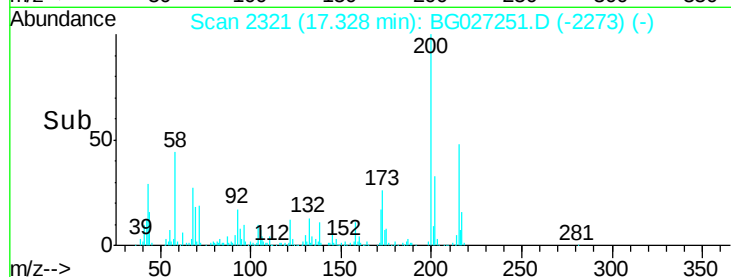
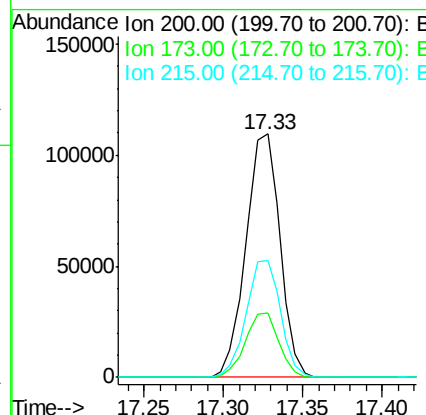
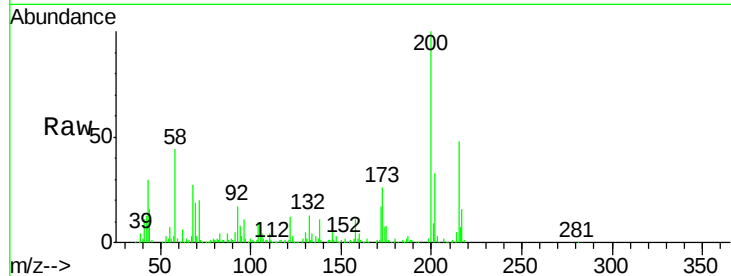
#68
Atrazine
Concen: 41.076 ng
RT: 17.33 min Scan# 2321
Delta R.T. -0.02 min
Lab File: BG027251.D
Acq: 6 Jun 2017 16:14

Instrument :
BNA_G
ClientSampled :
COMP-1MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	26.3	3.0	43.0
215	48.0	28.4	68.4

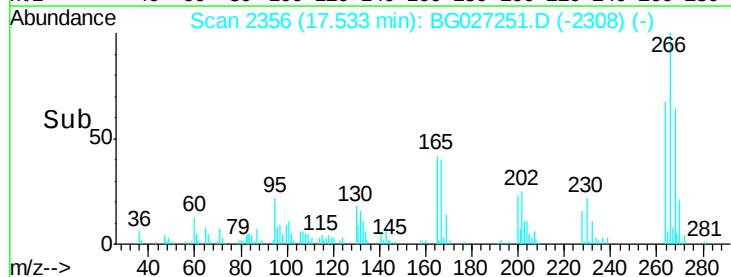
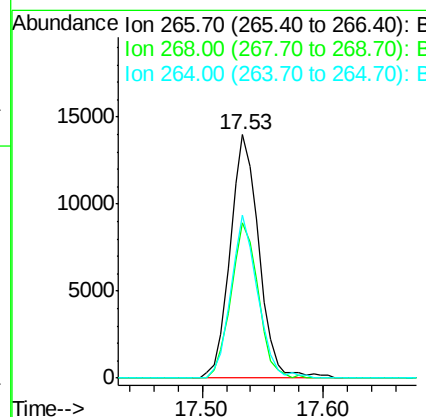
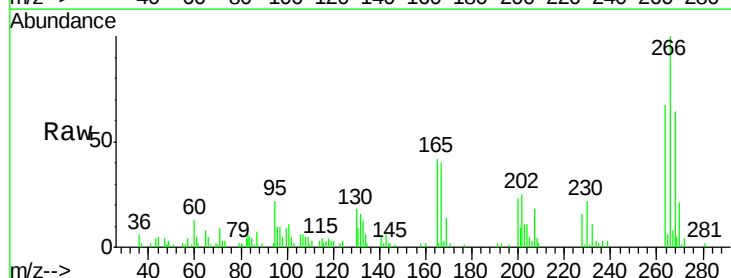
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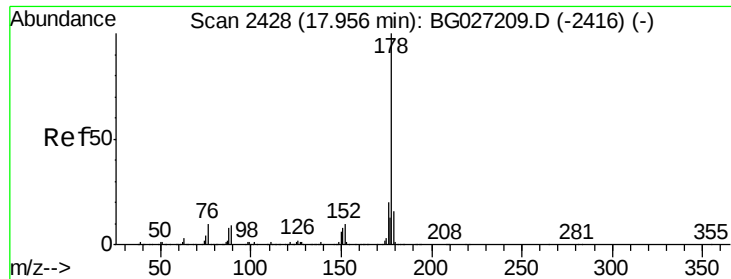
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#69
Pentachlorophenol
Concen: 8.141 ng
RT: 17.53 min Scan# 2356
Delta R.T. -0.02 min
Lab File: BG027251.D
Acq: 6 Jun 2017 16:14

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	63.8	48.6	72.8
264	66.8	50.1	75.1





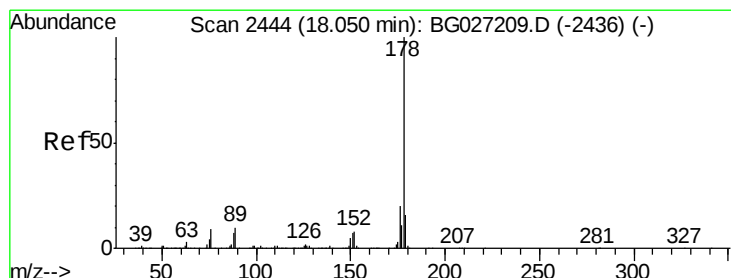
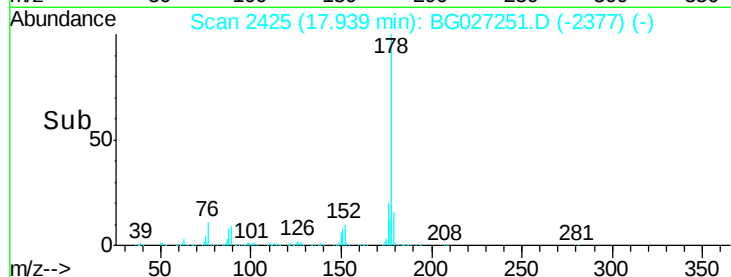
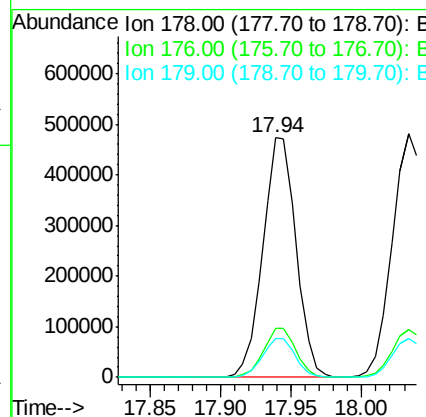
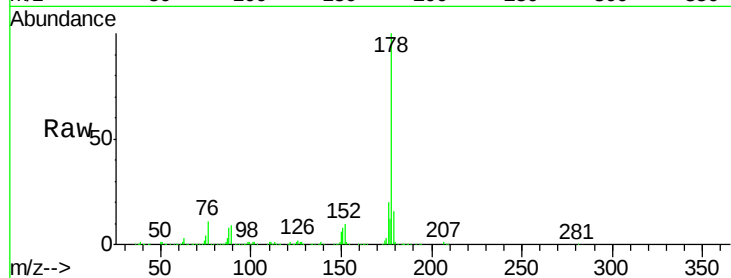
#70
Phenanthrene
Concen: 36.564 ng
RT: 17.94 min Scan# 2425
Delta R.T. -0.02 min
Lab File: BG027251.D
Acq: 6 Jun 2017 16:14

Instrument :
BNA_G
ClientSampleId :
COMP-1MSD

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.3	17.7	26.5
179	16.2	15.0	22.6

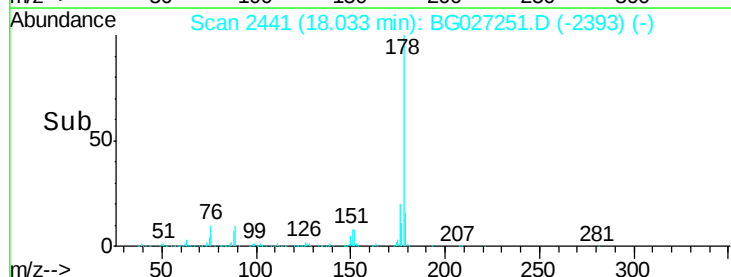
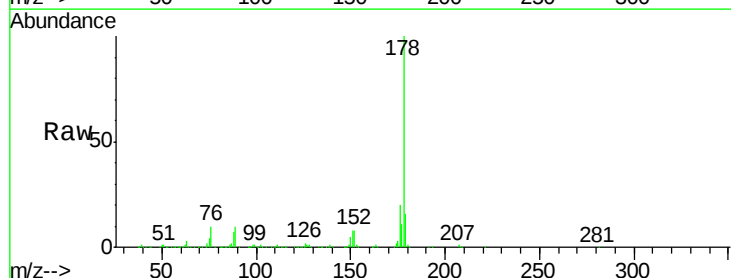
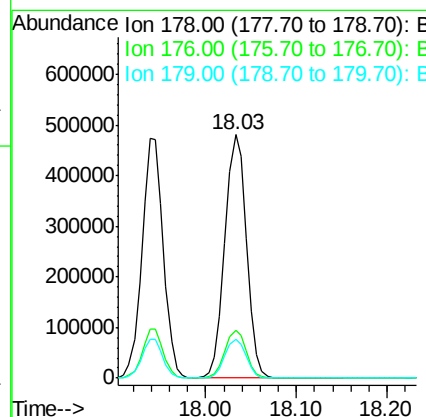
Manual Integrations
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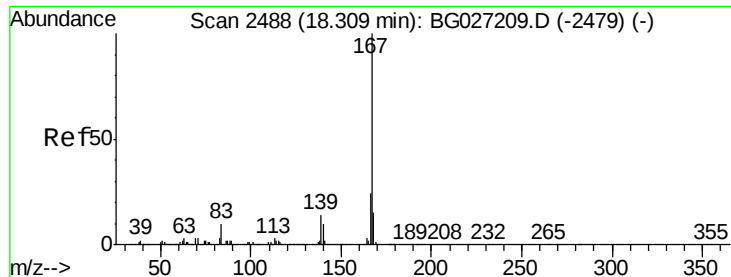
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#71
Anthracene
Concen: 37.074 ng
RT: 18.03 min Scan# 2441
Delta R.T. -0.02 min
Lab File: BG027251.D
Acq: 6 Jun 2017 16:14

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	16.4	24.6
179	16.1	13.8	20.8





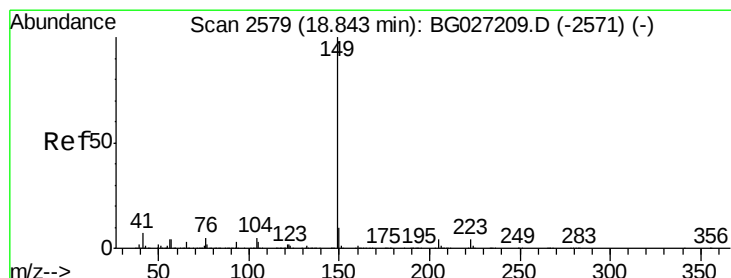
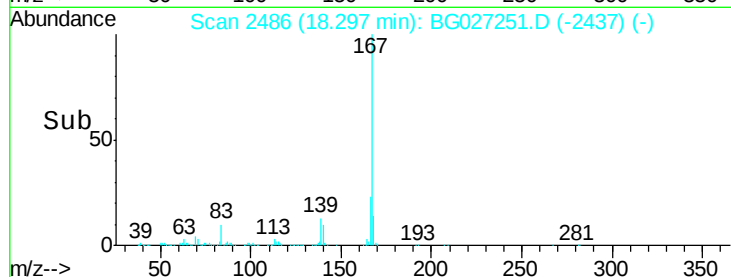
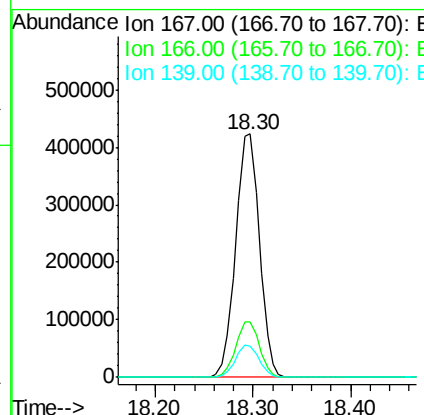
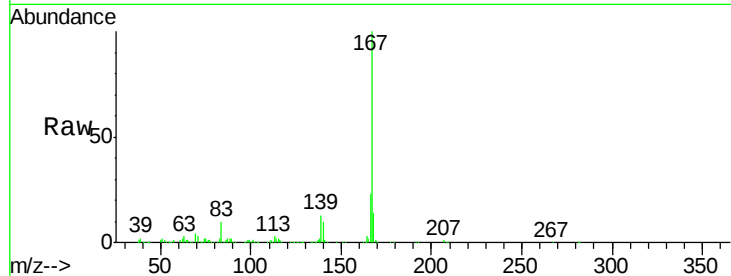
#72
 Carbazole
 Concen: 35.449 ng
 RT: 18.30 min Scan# 2486
 Delta R.T. -0.01 min
 Lab File: BG027251.D
 Acq: 6 Jun 2017 16:14

Instrument :
 BNA_G
 ClientSampled :
 COMP-1MSD

Tgt Ion:	167	Resp:	715439
Ion Ratio	Lower	Upper	
167	100		
166	22.7	20.2	30.2
139	12.9	12.8	19.2

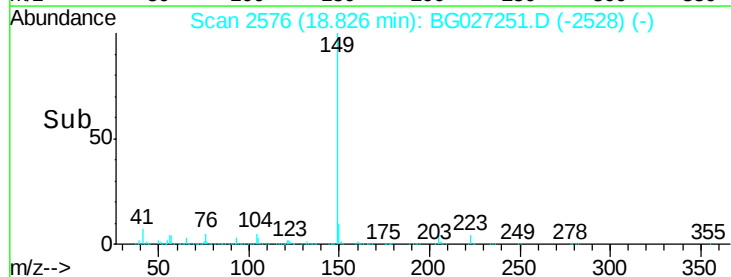
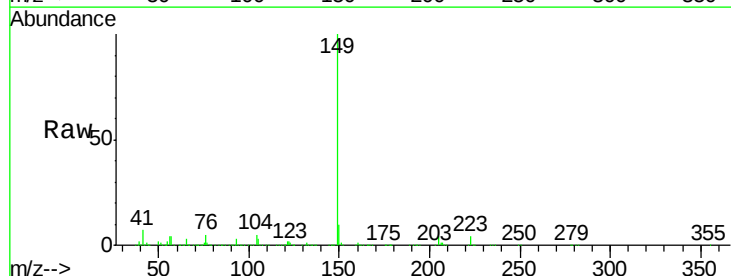
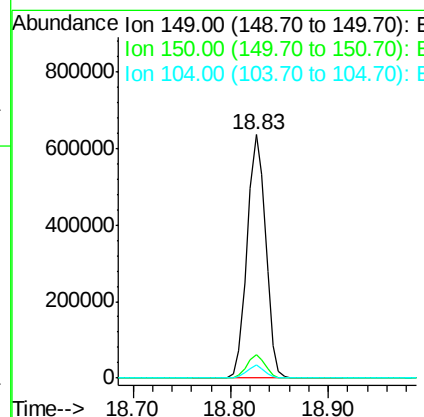
Manual Integrations
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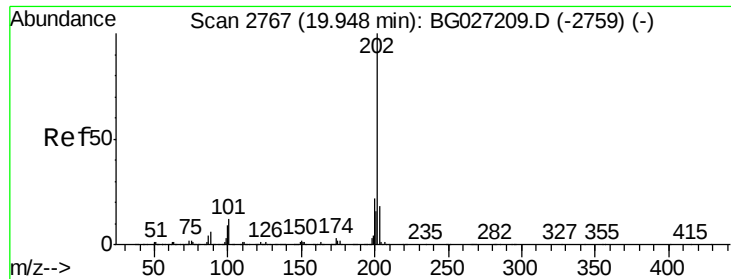
mohammad
 6/8/2017 8:24:43 AM



#73
 Di-n-butylphthalate
 Concen: 43.058 ng
 RT: 18.83 min Scan# 2576
 Delta R.T. -0.02 min
 Lab File: BG027251.D
 Acq: 6 Jun 2017 16:14

Tgt Ion:	149	Resp:	842654
Ion Ratio	Lower	Upper	
149	100		
150	9.8	9.1	13.7
104	5.2	6.7	10.1#





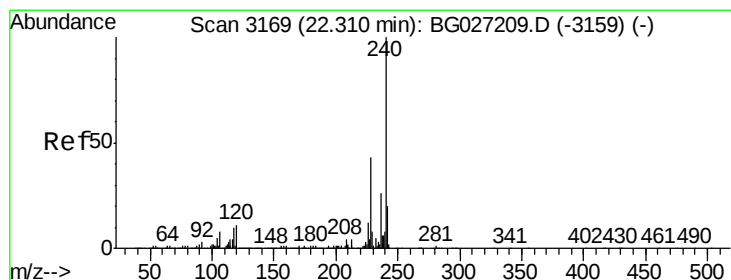
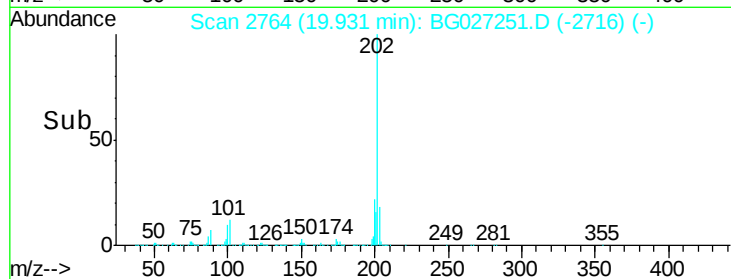
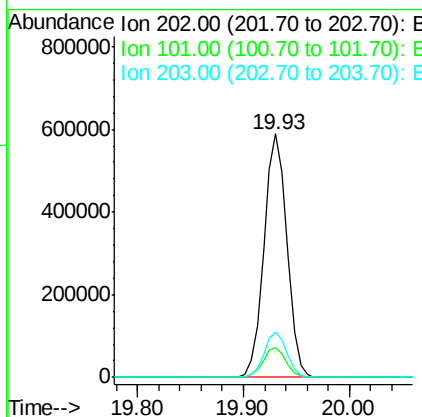
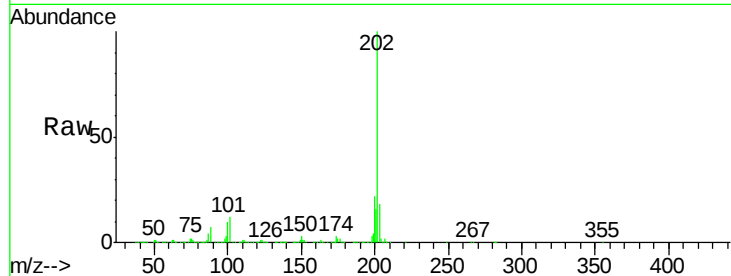
#74
 Fluoranthene
 Concen: 38.964 ng
 RT: 19.93 min Scan# 2764
 Delta R.T. -0.02 min
 Lab File: BG027251.D
 Acq: 6 Jun 2017 16:14

Instrument :
 BNA_G
 ClientSampleId :
 COMP-1MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	12.5	0.0	30.1
203	18.3	1.3	41.3

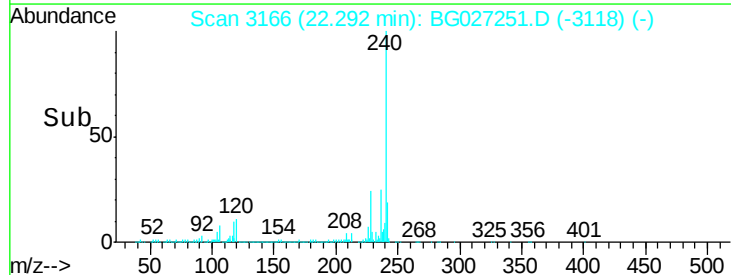
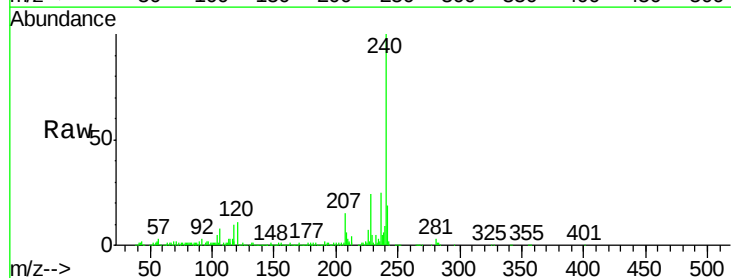
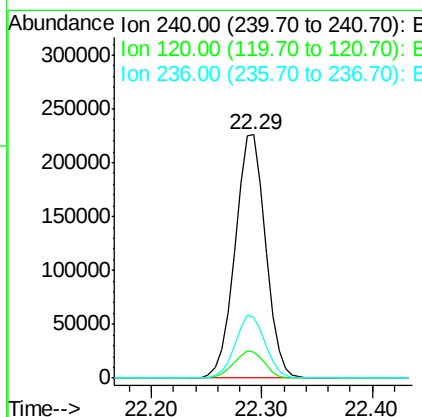
Manual Integrations
 APPROVED

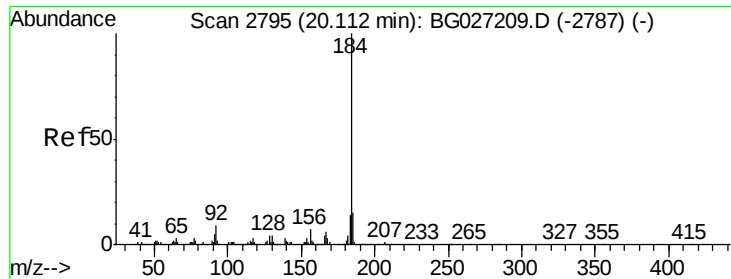
mohammad
 6/8/2017 8:24:43 AM



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.29 min Scan# 3166
 Delta R.T. -0.02 min
 Lab File: BG027251.D
 Acq: 6 Jun 2017 16:14

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	10.8	5.7	8.5#
236	24.9	22.2	33.4





#76

Benzidine

Concen: 31.882 ng

RT: 20.10 min Scan# 2792

Delta R.T. -0.02 min

Lab File: BG027251.D

Acq: 6 Jun 2017 16:14

Instrument :

BNA_G

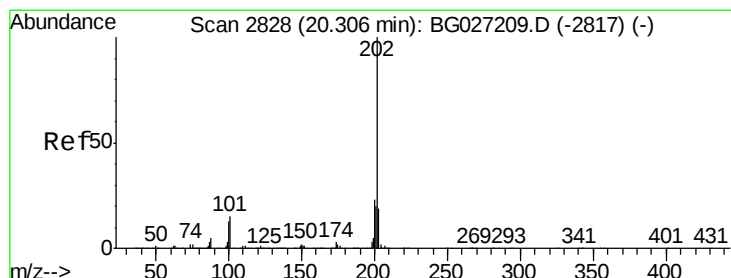
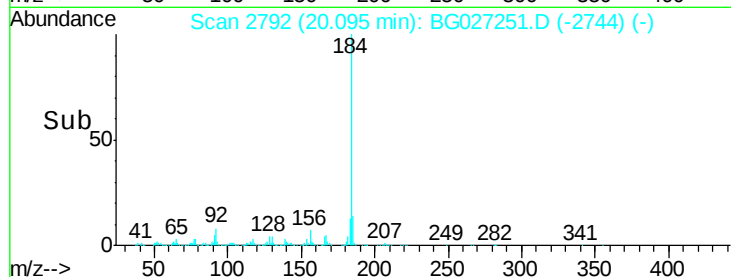
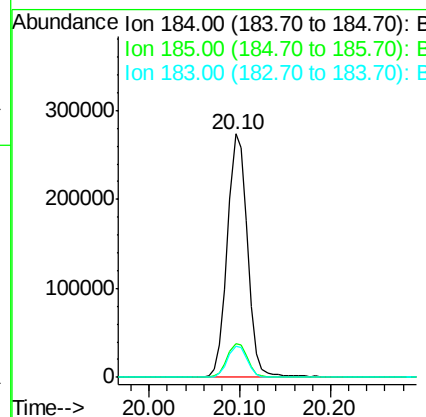
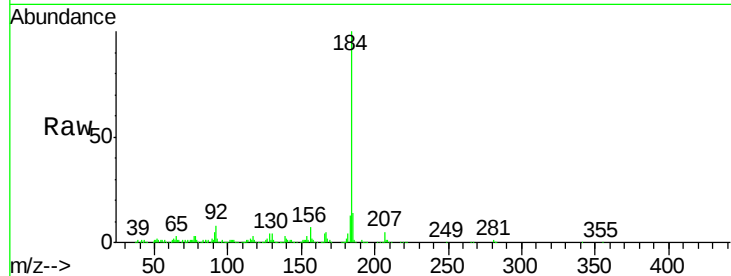
ClientSampleId :

COMP-1MSD

Tgt Ion:	184	Resp:	421085
Ion Ratio		Lower	Upper
184	100		
185	13.9	13.0	19.6
183	12.7	11.0	16.6

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#77

Pyrene

Concen: 34.500 ng

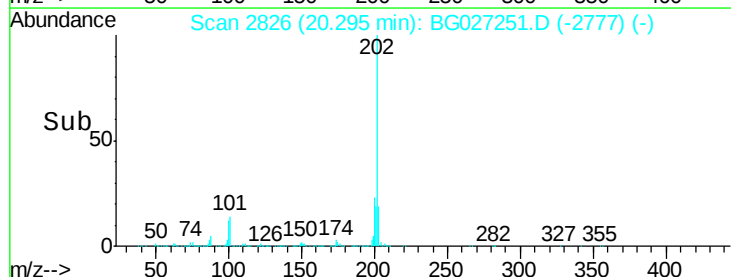
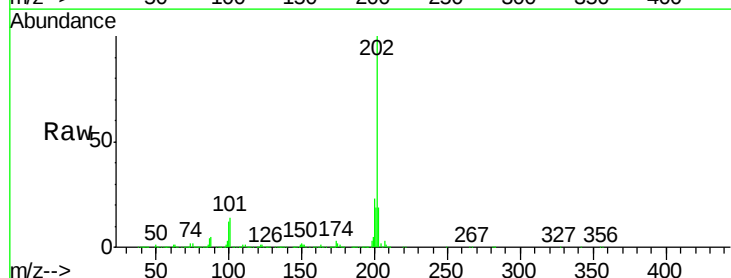
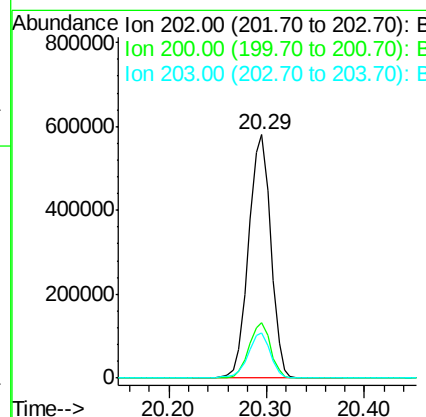
RT: 20.29 min Scan# 2826

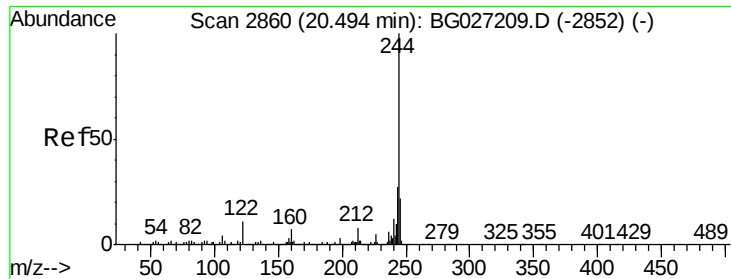
Delta R.T. -0.01 min

Lab File: BG027251.D

Acq: 6 Jun 2017 16:14

Tgt Ion:	202	Resp:	913949
Ion Ratio		Lower	Upper
202	100		
200	22.6	19.6	29.4
203	18.5	15.8	23.8





#78

Terphenyl-d14

Concen: 68.874 ng

RT: 20.48 min Scan# 2857

Delta R.T. -0.02 min

Lab File: BG027251.D

Acq: 6 Jun 2017 16:14

Instrument :

BNA_G

ClientSampled :

COMP-1MSD

Tgt Ion:244 Resp: 1183741

Ion Ratio Lower Upper

244 100

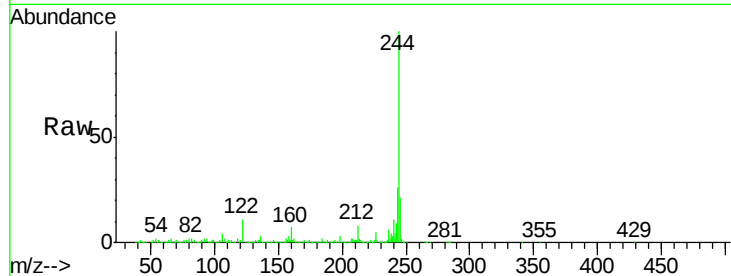
212 7.6 10.0 15.0#

122 11.0 8.6 12.8

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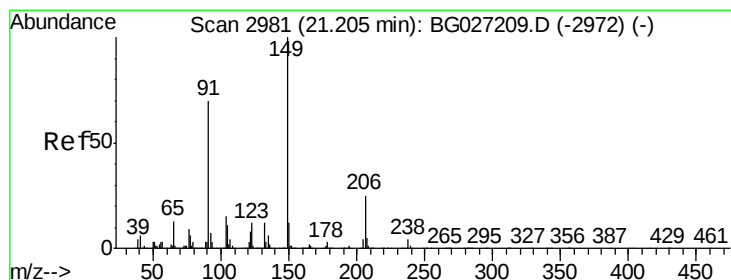
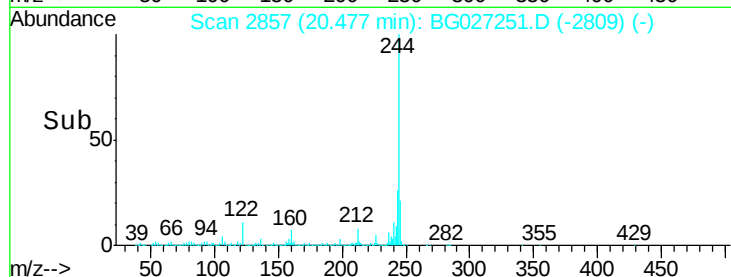
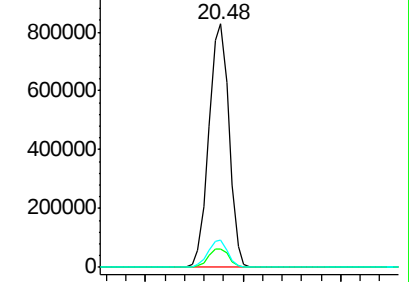
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 40.930 ng

RT: 21.18 min Scan# 2977

Delta R.T. -0.02 min

Lab File: BG027251.D

Acq: 6 Jun 2017 16:14

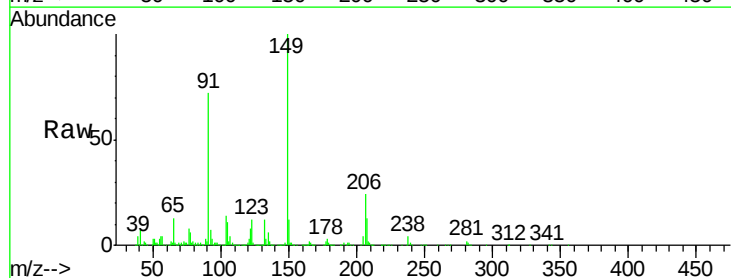
Tgt Ion:149 Resp: 383128

Ion Ratio Lower Upper

149 100

91 72.1 63.5 95.3

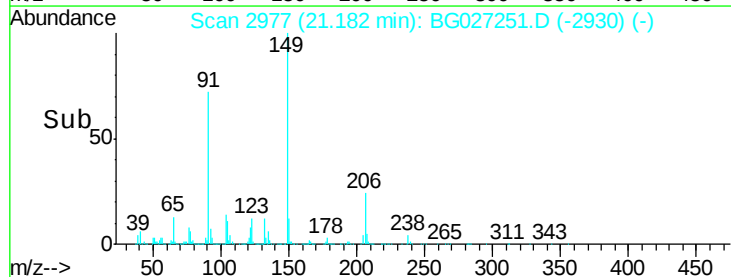
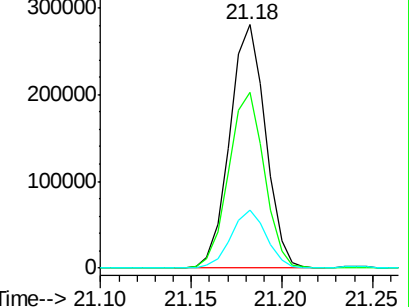
206 23.7 21.0 31.6

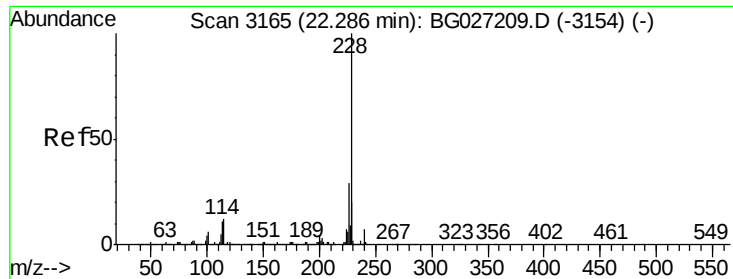


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





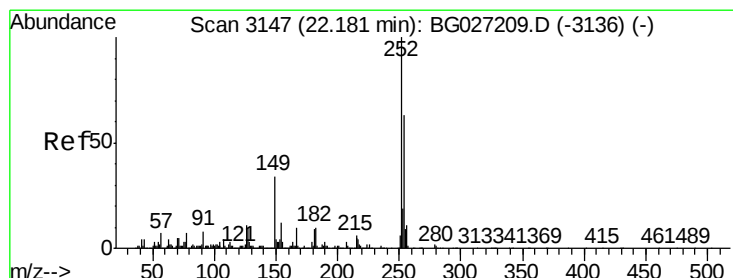
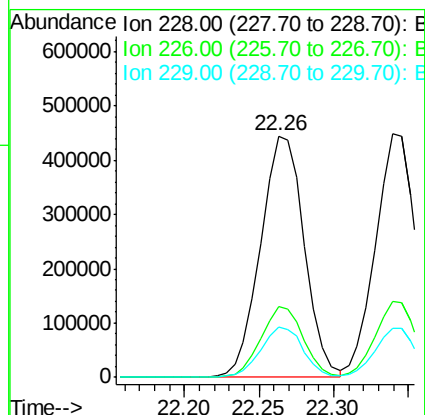
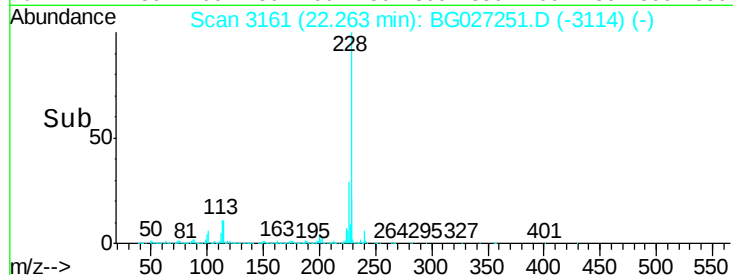
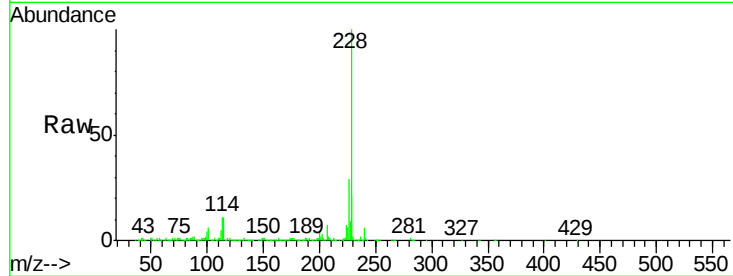
#80
Benzo(a)anthracene
Concen: 36.110 ng
RT: 22.26 min Scan# 3161
Delta R.T. -0.02 min
Lab File: BG027251.D
Acq: 6 Jun 2017 16:14

Instrument :
BNA_G
ClientSampleId :
COMP-1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	902880		
226	29.2	24.9	37.3	
229	20.7	18.2	27.2	

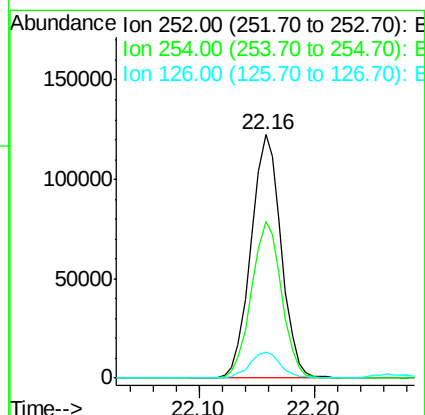
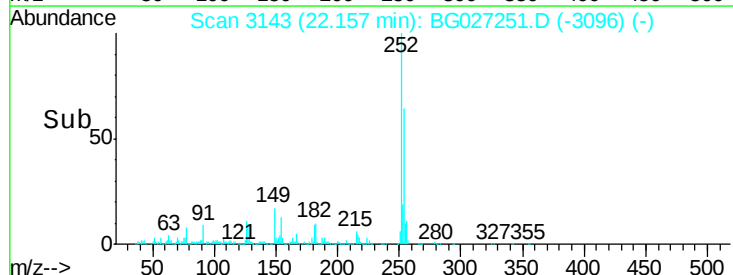
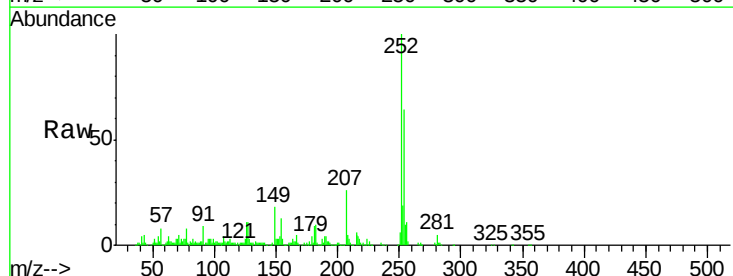
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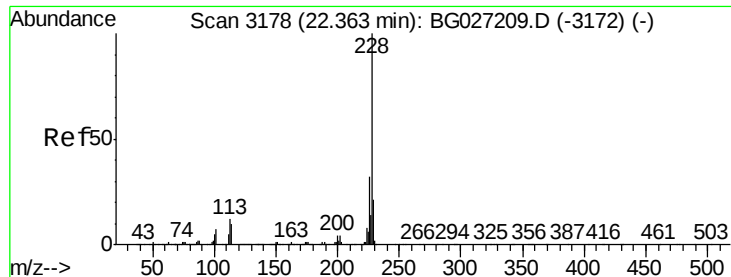
mohammad
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#81
3,3'-Dichlorobenzidine
Concen: 22.887 ng
RT: 22.16 min Scan# 3143
Delta R.T. -0.02 min
Lab File: BG027251.D
Acq: 6 Jun 2017 16:14

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	222620		
254	64.3	53.1	79.7	
126	10.9	7.0	10.4	#





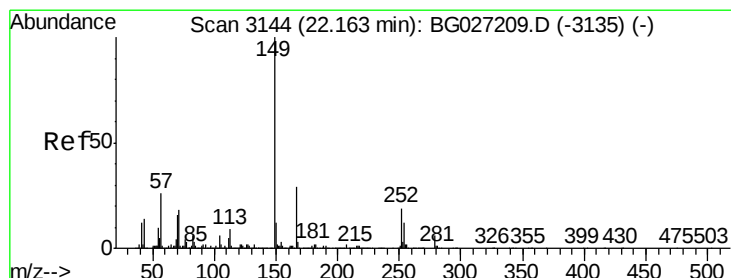
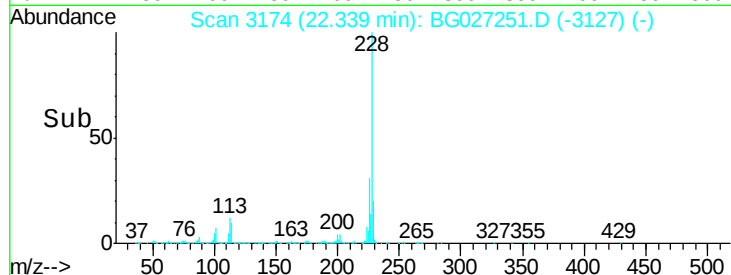
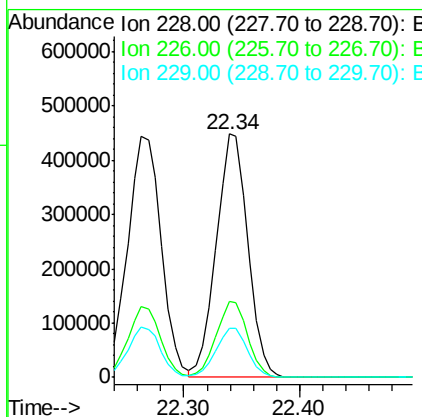
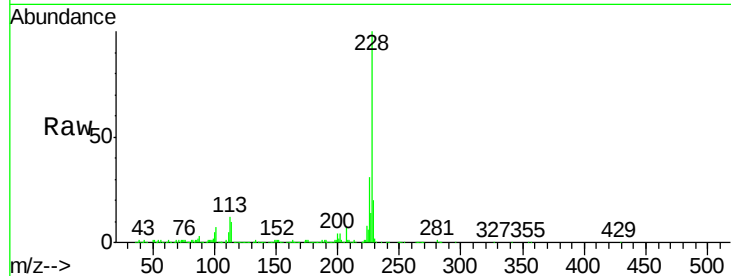
#82
Chrysene
Concen: 35.321 ng
RT: 22.34 min Scan# 3174
Delta R.T. -0.02 min
Lab File: BG027251.D
Acq: 6 Jun 2017 16:14

Instrument :
BNA_G
ClientSampleId :
COMP-1MSD

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	27.0	40.4
229	20.2	17.8	26.6

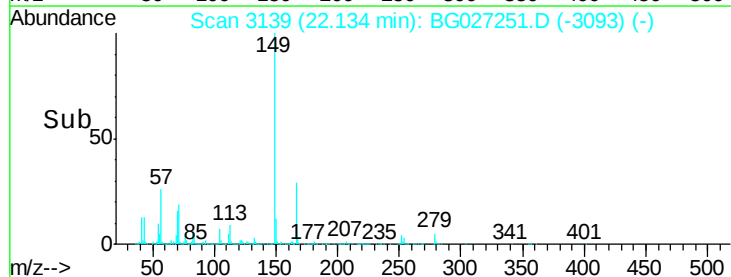
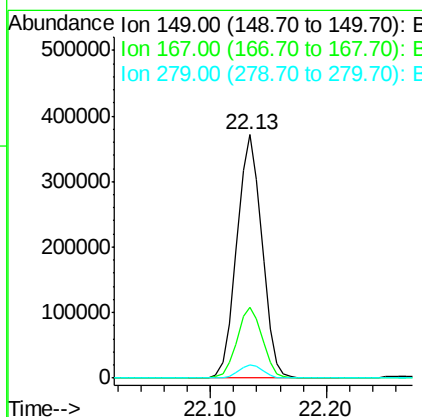
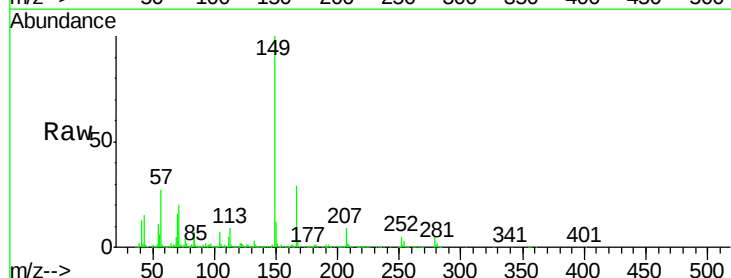
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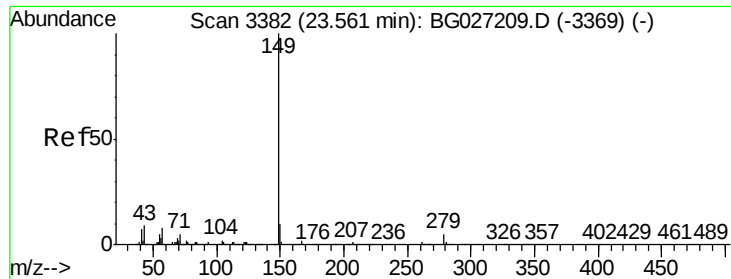
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#83
Bis(2-ethylhexyl)phthalate
Concen: 39.273 ng
RT: 22.13 min Scan# 3139
Delta R.T. -0.03 min
Lab File: BG027251.D
Acq: 6 Jun 2017 16:14

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.9	23.7	35.5
279	5.4	4.6	6.8





#84

Di-n-octyl phthalate

Concen: 40.916 ng

RT: 23.52 min Scan# 3375

Delta R.T. -0.04 min

Lab File: BG027251.D

Acq: 6 Jun 2017 16:14

Instrument :

BNA_G

ClientSampleId :

COMP-1MSD

Tgt Ion:149 Resp: 958596
Ion Ratio Lower Upper

149 100

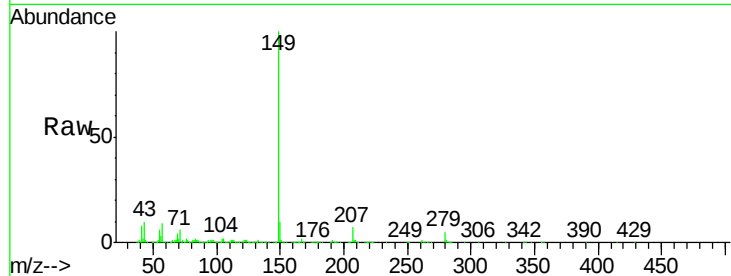
167 1.7 1.4 2.2

43 9.3 11.8 17.6#

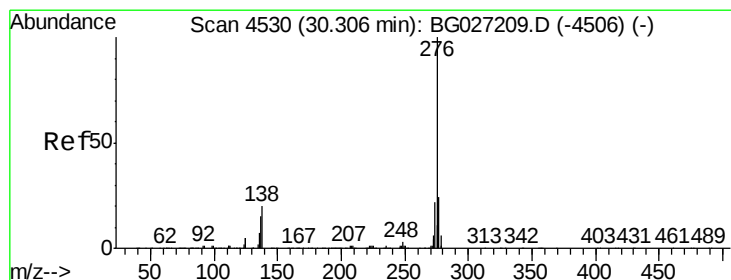
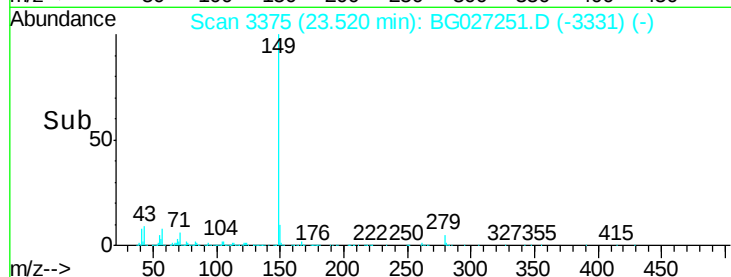
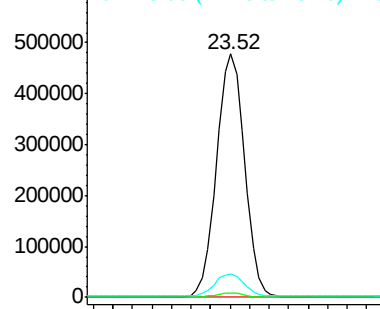
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): B



#85

Indeno(1,2,3-cd)pyrene

Concen: 36.923 ng

RT: 30.25 min Scan# 4520

Delta R.T. -0.06 min

Lab File: BG027251.D

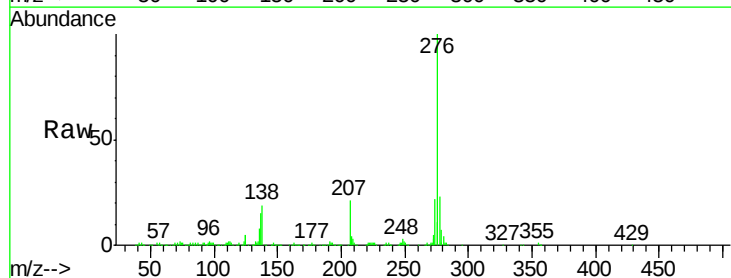
Acq: 6 Jun 2017 16:14

Tgt Ion:276 Resp: 1073435
Ion Ratio Lower Upper

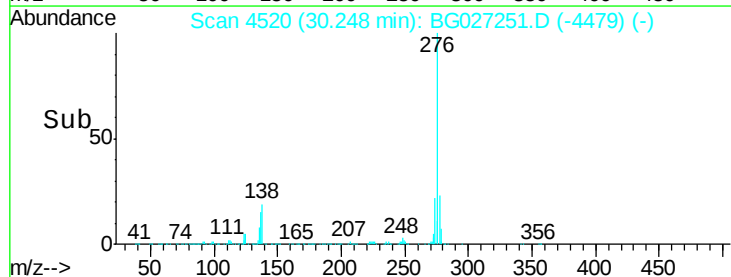
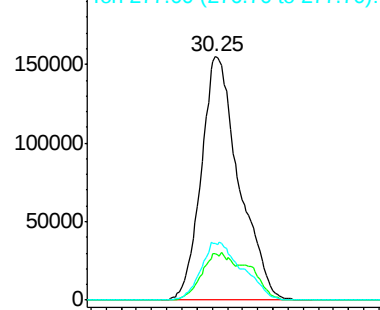
276 100

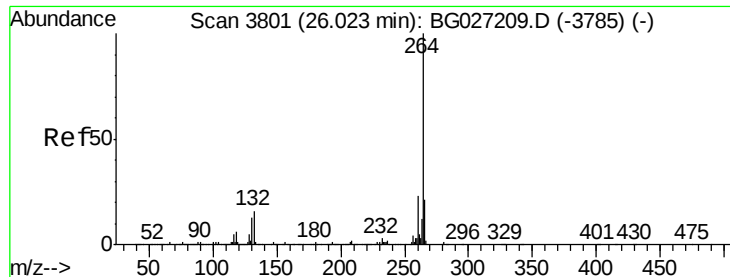
138 9.5 4.7 7.1#

277 10.8 20.6 31.0#



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





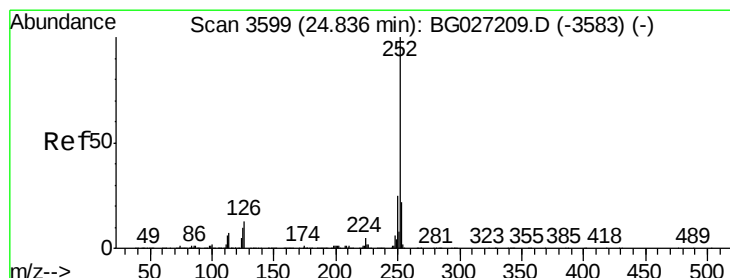
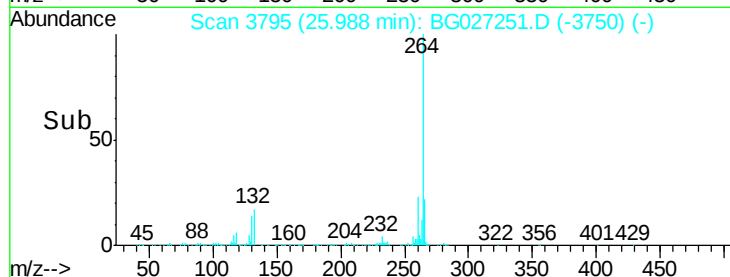
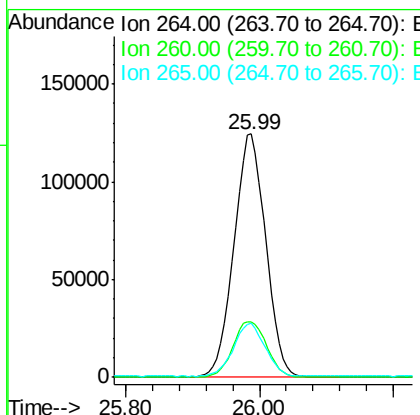
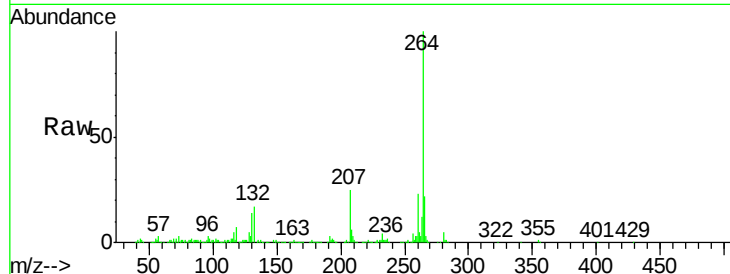
#86
Perylene-d12
Concen: 20.000 ng
RT: 25.99 min Scan# 3795
Delta R.T. -0.04 min
Lab File: BG027251.D
Acq: 6 Jun 2017 16:14

Instrument :
BNA_G
ClientSampleId :
COMP-1MSD

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.7	21.8	32.8
265	22.4	18.2	27.4

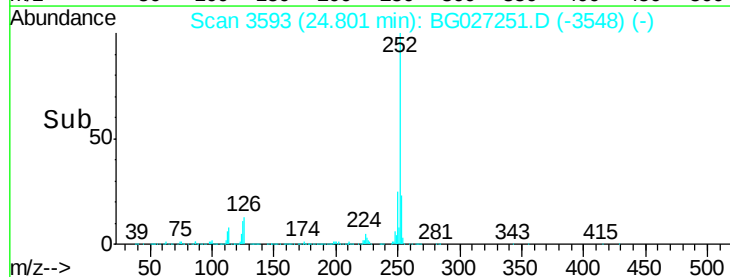
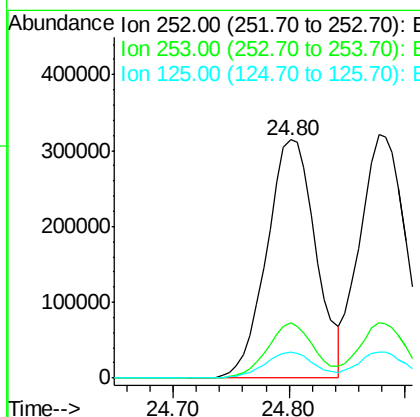
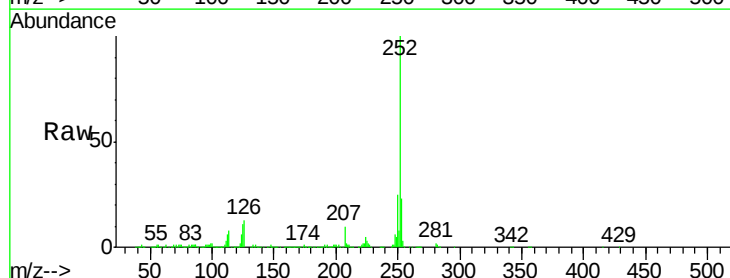
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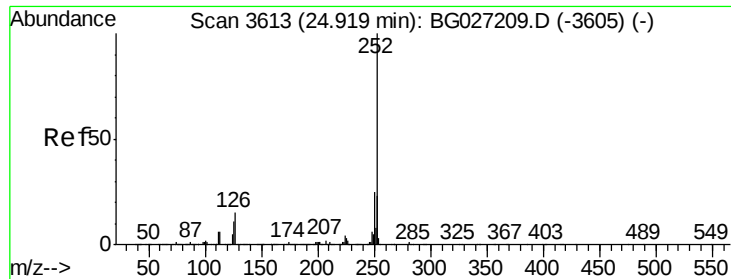
mohammad
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#87
Benzo(b)fluoranthene
Concen: 36.435 ng
RT: 24.80 min Scan# 3593
Delta R.T. -0.04 min
Lab File: BG027251.D
Acq: 6 Jun 2017 16:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.7	28.1
125	11.0	5.3	7.9#





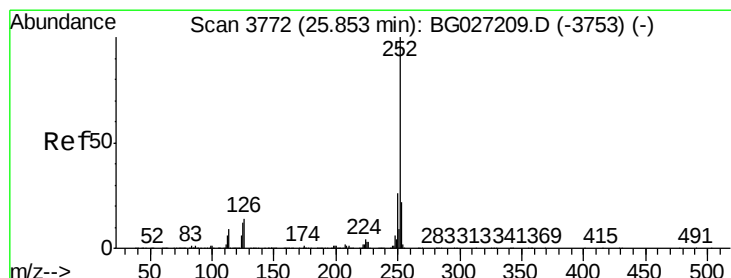
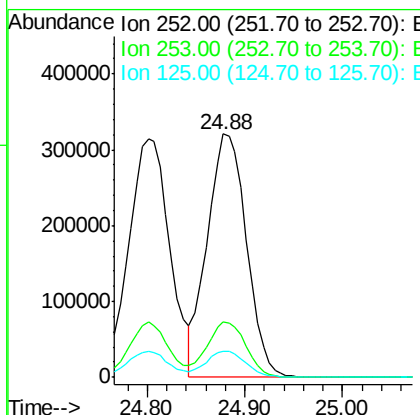
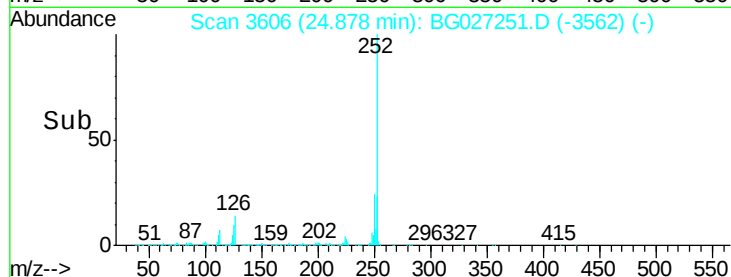
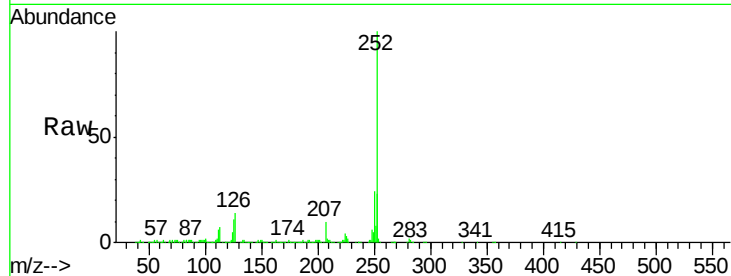
#88
Benzo(k)fluoranthene
Concen: 35.561 ng
RT: 24.88 min Scan# 3606
Delta R.T. -0.04 min
Lab File: BG027251.D
Acq: 6 Jun 2017 16:14

Instrument :
BNA_G
ClientSampleId :
COMP-1MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	20.2	30.2
125	10.7	5.1	7.7

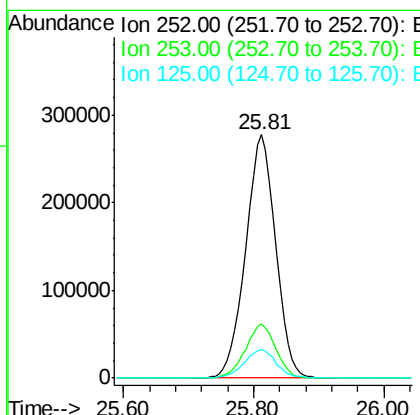
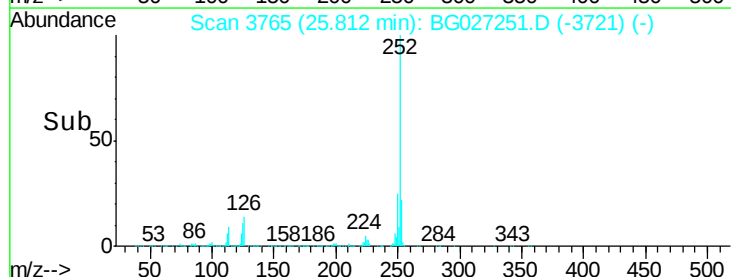
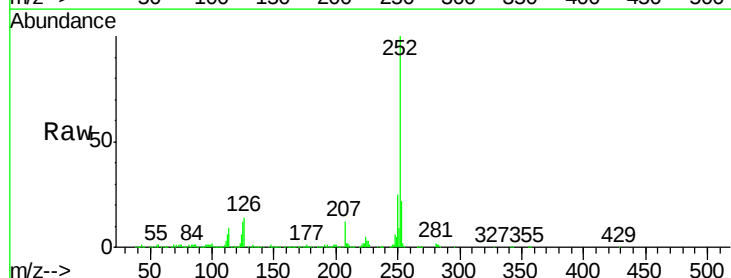
Manual Integrations
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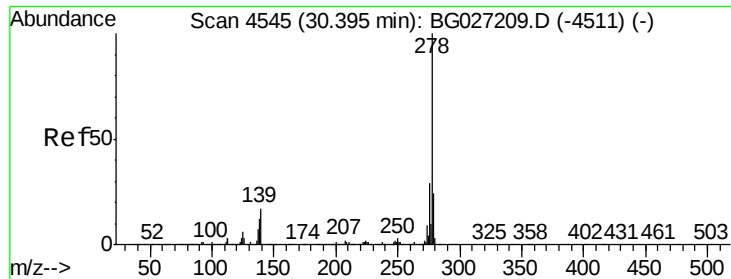
mohammad
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#89
Benzo(a)pyrene
Concen: 36.917 ng
RT: 25.81 min Scan# 3765
Delta R.T. -0.04 min
Lab File: BG027251.D
Acq: 6 Jun 2017 16:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	19.2	28.8
125	11.8	5.4	8.0





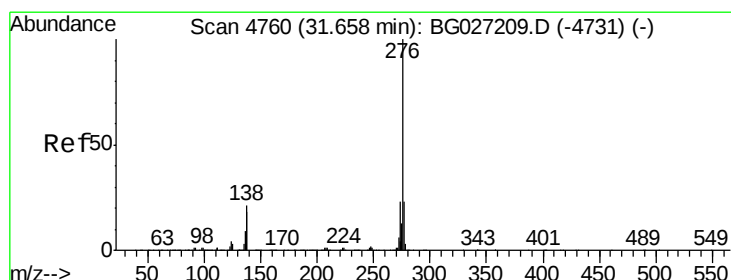
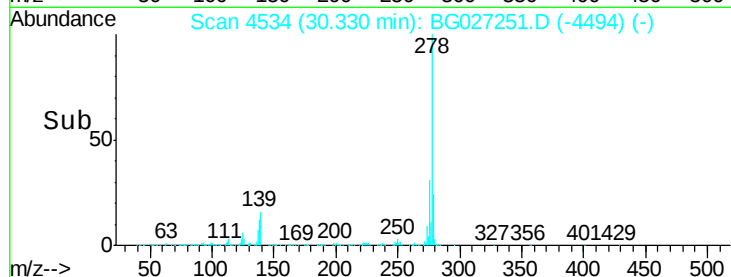
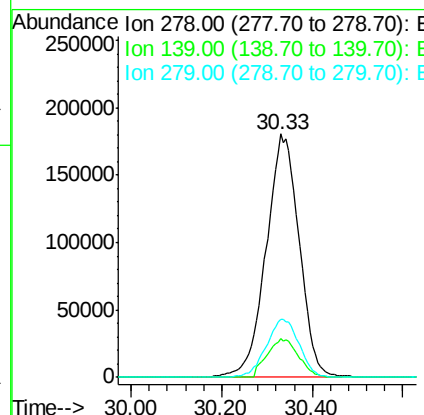
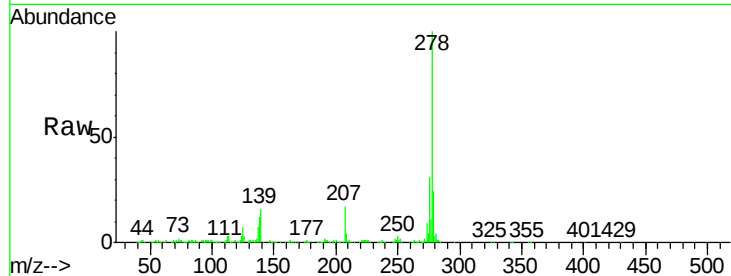
#90
Dibenzo(a,h)anthracene
Concen: 36.338 ng
RT: 30.33 min Scan# 4534
Delta R.T. -0.06 min
Lab File: BG027251.D
Acq: 6 Jun 2017 16:14

Instrument :
BNA_G
ClientSampleId :
COMP-1MSD

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.7	7.7	11.5#
279	23.8	19.1	28.7

Manual Integrations
APPROVED

mohammad
6/8/2017 8:24:43 AM



#91
Benzo(g,h,i)perylene
Concen: 35.810 ng
RT: 31.59 min Scan# 4749
Delta R.T. -0.06 min
Lab File: BG027251.D
Acq: 6 Jun 2017 16:14

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.6	27.8
138	21.4	8.1	12.1#

