

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061017\
 Data File : BG027371.D
 Acq On : 10 Jun 2017 14:29
 Operator : SJ/MA
 Sample : I3566-08MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-04-COMP(0-10)MSD

Manual Integrations
 APPROVED

mohammad

6/13/2017 10:16:23 AM

Quant Time: Jun 12 01:59:38 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	8.55	152	50883	20.00	ng	-0.03
21) Naphthalene-d8	11.36	136	225639	20.00	ng	-0.04
38) Acenaphthene-d10	15.12	164	138537	20.00	ng	-0.04
63) Phenanthrene-d10	17.87	188	333872	20.00	ng	-0.04
75) Chrysene-d12	22.26	240	406360	20.00	ng	-0.05
86) Perylene-d12	25.93	264	381573	20.00	ng	-0.09

System Monitoring Compounds

5) 2-Fluorophenol	6.13	112	457573	137.22	ng	-0.02
7) Phenol-d6	7.69	99	644702	131.72	ng	-0.02
23) Nitrobenzene-d5	9.71	82	354401	98.78	ng	-0.04
41) 2,4,6-Tribromophenol	16.61	330	265502	145.54	ng	-0.04
44) 2-Fluorobiphenyl	13.75	172	769642	77.72	ng	-0.04
78) Terphenyl-d14	20.45	244	1305202	81.94	ng	-0.05

Target Compounds

						Qvalue
2) 1,4-Dioxane	4.15	88	52626	38.062	ng	# 87
3) Pyridine	4.53	79	154144	36.165	ng	# 78
4) n-Nitrosodimethylamine	4.44	42	73258	46.421	ng	# 58
6) Aniline	7.87	93	231315	37.527	ng	96
8) 2-Chlorophenol	8.11	128	152885	43.421	ng	94
9) Benzaldehyde	7.69	77	73855	21.823	ng	92
10) Phenol	7.71	94	245163	48.979	ng	79
11) bis(2-Chloroethyl)ether	7.95	93	163037	39.703	ng	89
12) 1,3-Dichlorobenzene	8.44	146	149675	37.689	ng	96
13) 1,4-Dichlorobenzene	8.58	146	152387	37.389	ng	99
14) 1,2-Dichlorobenzene	8.90	146	145061	36.491	ng	93
15) Benzyl Alcohol	8.77	79	141585	41.054	ng	# 88
16) 2,2'-oxybis(1-Chloropropan	9.05	45	270649	46.063	ng	93
17) 2-Methylphenol	8.96	107	148194	41.883	ng	# 88
18) Hexachloroethane	9.63	117	54852	39.953	ng	# 84
19) n-Nitroso-di-n-propylamine	9.33	70	141521	41.330	ng	# 87
20) 3+4-Methylphenols	9.28	107	202728	41.362	ng	89
22) Acetophenone	9.36	105	244345	42.345	ng	# 87
24) Nitrobenzene	9.75	77	190028	46.490	ng	# 89
25) Isophorone	10.27	82	379226	44.950	ng	# 97
26) 2-Nitrophenol	10.46	139	74325	44.690	ng	# 82
27) 2,4-Dimethylphenol	10.49	122	161985	44.656	ng	92
28) bis(2-Chloroethoxy)methane	10.74	93	229611	42.032	ng	99
29) 2,4-Dichlorophenol	10.99	162	144945	43.770	ng	96
30) 1,2,4-Trichlorobenzene	11.21	180	142348	38.821	ng	98
31) Naphthalene	11.41	128	478075	38.767	ng	99
33) 4-Chloroaniline	11.51	127	122366	23.813	ng	# 91
34) Hexachlorobutadiene	11.68	225	85574	37.973	ng	98
35) Caprolactam	12.27	113	59662m	52.532	ng	
36) 4-Chloro-3-methylphenol	12.58	107	190901	45.995	ng	96
37) 2-Methylnaphthalene	12.97	142	343656	38.203	ng	94
39) 1,2,4,5-Tetrachlorobenzene	13.33	216	165506	38.349	ng	99
40) Hexachlorocyclopentadiene	13.31	237	217707	94.776	ng	96
42) 2,4,6-Trichlorophenol	13.56	196	119253	45.557	ng	96

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Manual Integrations
 APPROVED

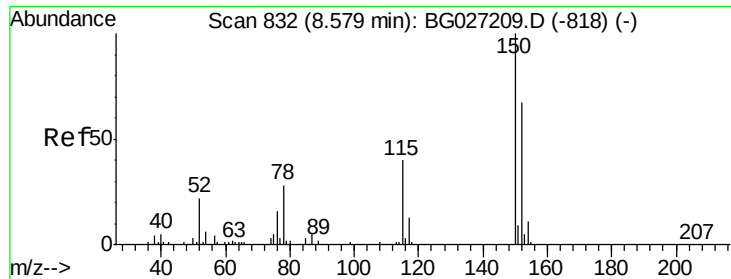
mohammad

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	13.63	196	127309	43.461	ng	96
45) 1,1'-Biphenyl	13.95	154	447505	39.575	ng	96
46) 2-Chloronaphthalene	14.01	162	344180	40.597	ng	98
47) 2-Nitroaniline	14.20	65	128182	52.431	ng	88
48) Acenaphthylene	14.85	152	555120	38.689	ng	97
49) Dimethylphthalate	14.56	163	600727	54.662	ng	97
50) 2,6-Dinitrotoluene	14.68	165	93170	42.465	ng #	83
51) Acenaphthene	15.19	154	368729	39.508	ng	97
52) 3-Nitroaniline	15.02	138	85632	37.926	ng	94
53) 2,4-Dinitrophenol	15.22	184	49355	54.198	ng	96
54) Dibenzofuran	15.52	168	546958	41.938	ng	94
55) 4-Nitrophenol	15.31	139	191478	91.302	ng #	58
56) 2,4-Dinitrotoluene	15.46	165	131525	46.332	ng #	93
57) Fluorene	16.16	166	445064	38.420	ng	96
58) 2,3,4,6-Tetrachlorophenol	15.74	232	127845	48.892	ng	98
59) Diethylphthalate	15.91	149	484311	44.182	ng	97
60) 4-Chlorophenyl-phenylether	16.15	204	228365	39.136	ng	96
61) 4-Nitroaniline	16.18	138	118329	49.696	ng #	70
62) Azobenzene	16.44	77	506776	49.881	ng	90
64) 4,6-Dinitro-2-methylphenol	16.23	198	70201	47.523	ng	87
65) n-Nitrosodiphenylamine	16.36	169	409814	39.152	ng	99
66) 4-Bromophenyl-phenylether	17.05	248	151425	38.320	ng	94
67) Hexachlorobenzene	17.17	284	164349	38.668	ng #	88
68) Atrazine	17.30	200	157818	45.088	ng	94
69) Pentachlorophenol	17.52	266	215722	86.587	ng	97
70) Phenanthrene	17.91	178	753010	40.087	ng	95
71) Anthracene	18.01	178	752196	39.970	ng	98
72) Carbazole	18.27	167	713799	40.215	ng	95
73) Di-n-butylphthalate	18.80	149	869530	50.521	ng #	94
74) Fluoranthene	19.91	202	915723	45.633	ng	93
76) Benzidine	20.08	184	418242	34.167	ng	96
77) Pyrene	20.27	202	928164	37.803	ng	97
79) Butylbenzylphthalate	21.15	149	403261	46.482	ng	93
80) Benzo(a)anthracene	22.23	228	939745	40.552	ng	95
81) 3,3'-Dichlorobenzidine	22.13	252	270641	30.020	ng #	97
82) Chrysene	22.31	228	879973	39.551	ng	96
83) Bis(2-ethylhexyl)phthalate	22.09	149	580405	44.270	ng	99
84) Di-n-octyl phthalate	23.46	149	980683	45.164	ng #	91
85) Indeno(1,2,3-cd)pyrene	30.16	276	1105940	41.044	ng #	93
87) Benzo(b)fluoranthene	24.75	252	942547	39.829	ng #	95
88) Benzo(k)fluoranthene	24.83	252	939599	40.472	ng #	93
89) Benzo(a)pyrene	25.76	252	909573	40.830	ng #	94
90) Dibenzo(a,h)anthracene	30.24	278	943756	40.469	ng #	95
91) Benzo(g,h,i)perylene	31.49	276	903585	40.009	ng #	90

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



#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.55 min Scan# 827
Delta R.T. -0.03 min
Lab File: BG027371.D
Acq: 10 Jun 2017 14:29

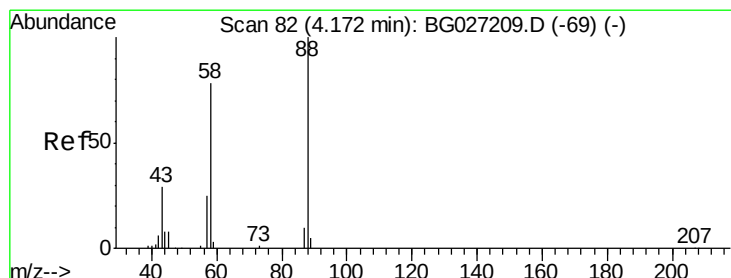
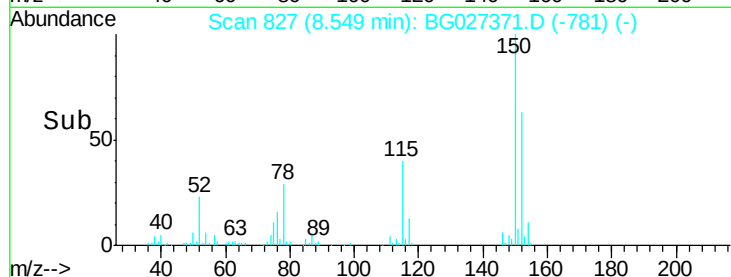
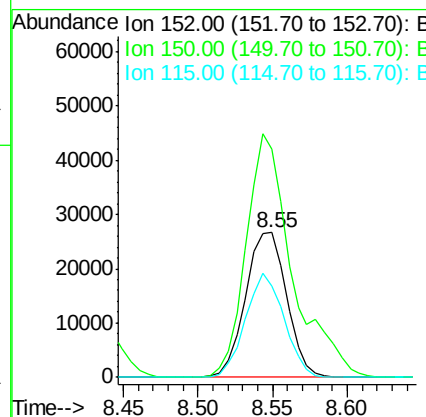
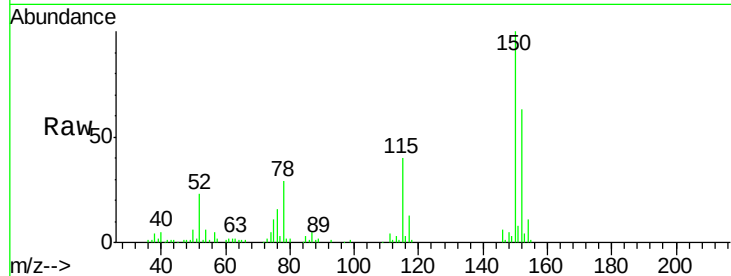
Instrument :
BNA_G
ClientSampleId :
SB-04-COMP(0-10)MSD

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.6	114.0	171.0
115	62.9	48.1	72.1

Manual Integrations
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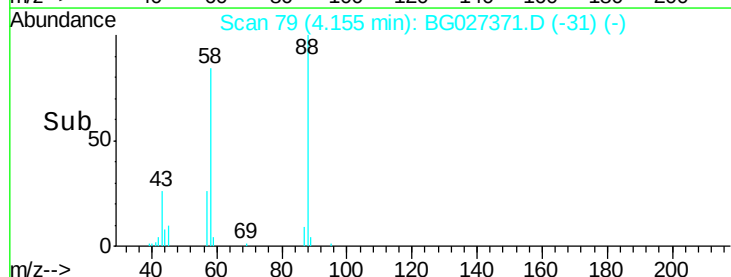
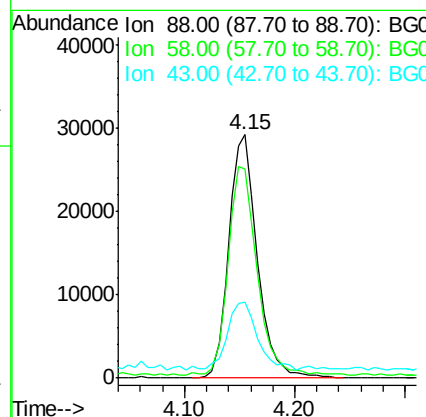
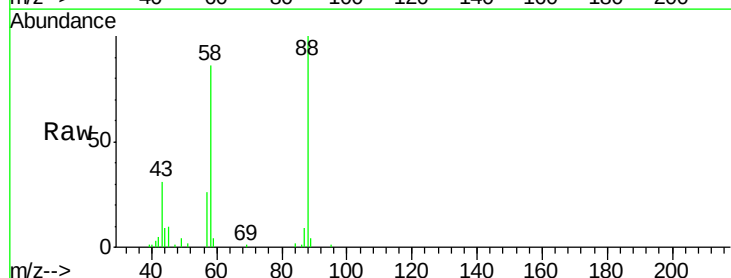
6/13/2017 10:16:23 AM

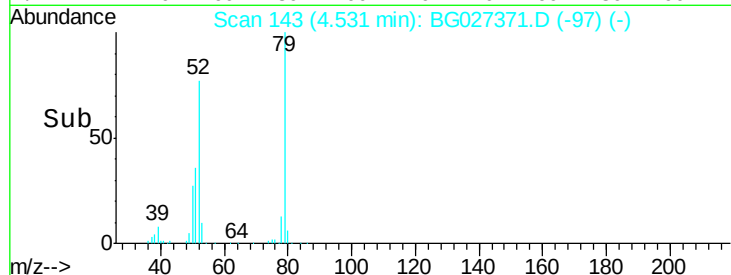
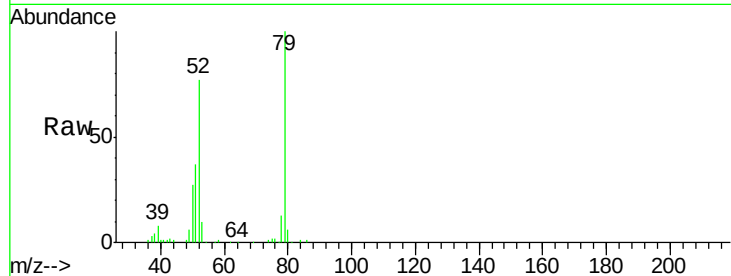
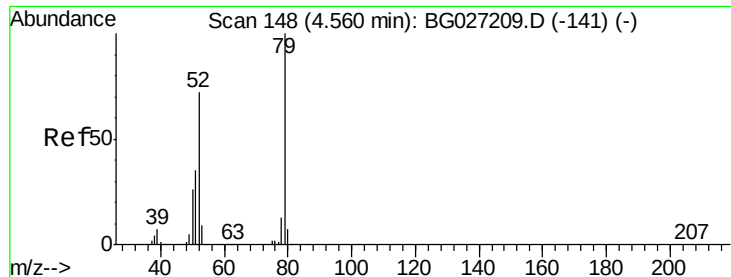


#2

1,4-Dioxane
Concen: 38.062 ng
RT: 4.15 min Scan# 79
Delta R.T. -0.02 min
Lab File: BG027371.D
Acq: 10 Jun 2017 14:29

Tgt Ion	Ratio	Lower	Upper
88	100		
58	88.7	79.4	119.2
43	29.6	33.8	50.6#





#3
 Pyridine
 Concen: 36.165 ng
 RT: 4.53 min Scan# 143
 Delta R.T. -0.03 min
 Lab File: BG027371.D
 Acq: 10 Jun 2017 14:29

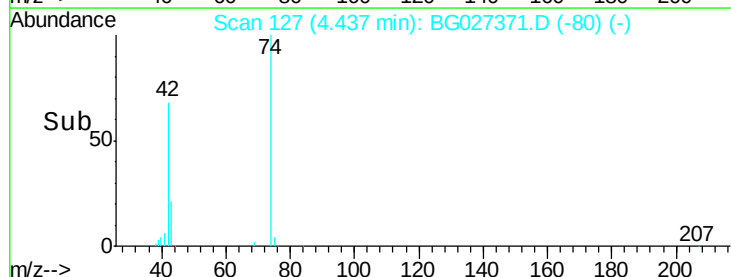
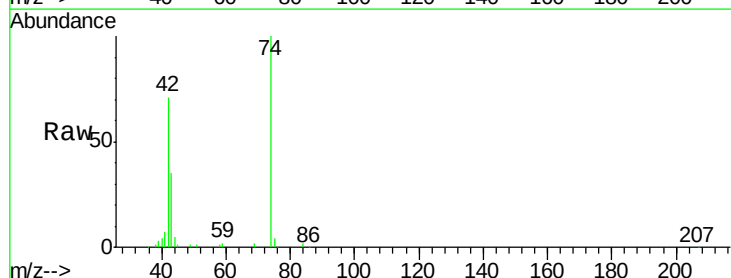
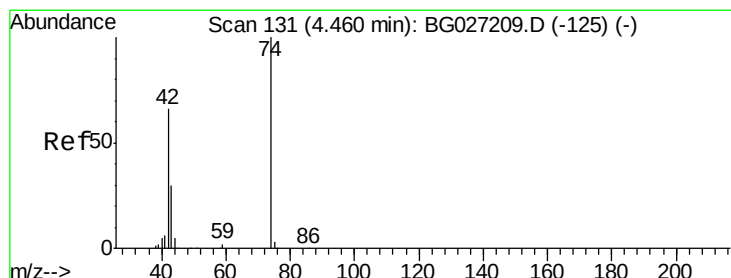
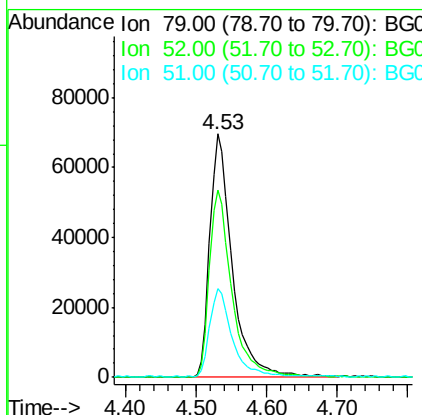
Tgt Ion	Ratio	Lower	Upper
79	100		
52	76.8	77.8	116.6#
51	36.6	43.2	64.8#

Instrument :
 BNA_G
 ClientSampleId :
 SB-04-COMP(0-10)MSD

Manual Integrations
 APPROVED

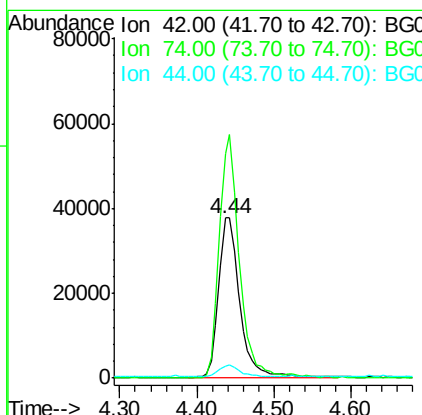
mohammad

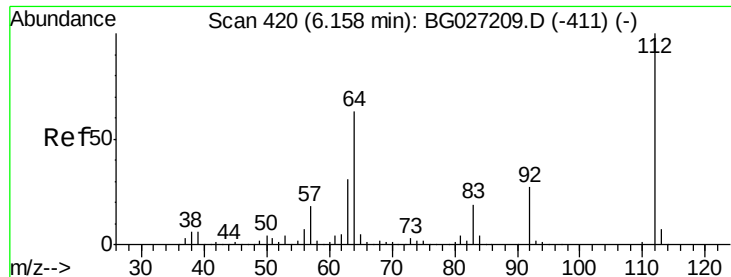
6/13/2017 10:16:23 AM



#4
 n-Nitrosodimethylamine
 Concen: 46.421 ng
 RT: 4.44 min Scan# 127
 Delta R.T. -0.02 min
 Lab File: BG027371.D
 Acq: 10 Jun 2017 14:29

Tgt Ion	Ratio	Lower	Upper
42	100		
74	140.2	76.7	115.1#
44	7.4	6.1	9.1





#5

2-Fluorophenol

Concen: 137.225 ng

RT: 6.13 min Scan# 416

Delta R.T. -0.02 min

Lab File: BG027371.D

Acq: 10 Jun 2017 14:29

Instrument :

BNA_G

ClientSampleId :

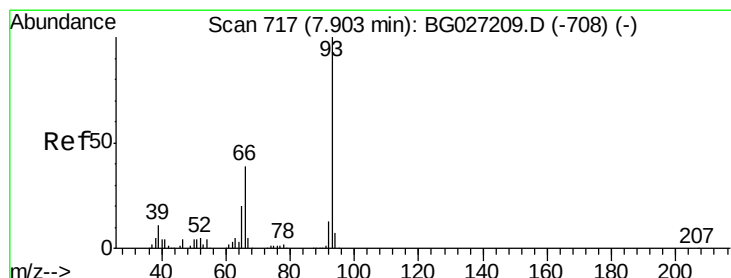
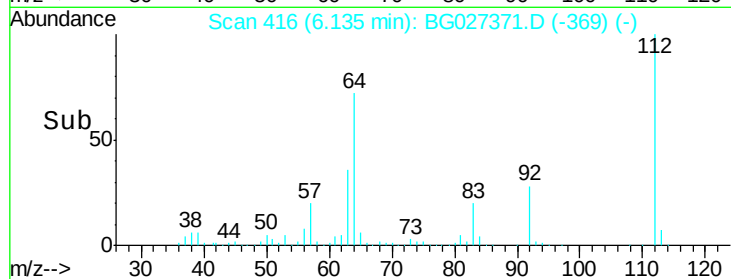
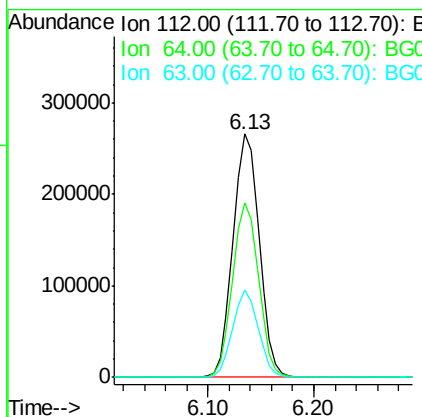
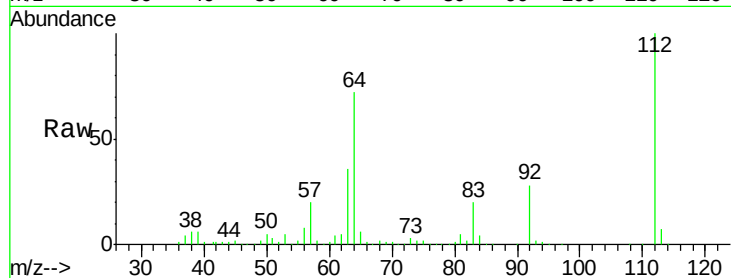
SB-04-COMP(0-10)MSD

Tgt Ion:	112	Resp:	457573
Ion Ratio	Lower	Upper	
112	100		
64	71.9	61.8	92.6
63	35.7	37.2	55.8#

Manual Integrations
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#6

Aniline

Concen: 37.527 ng

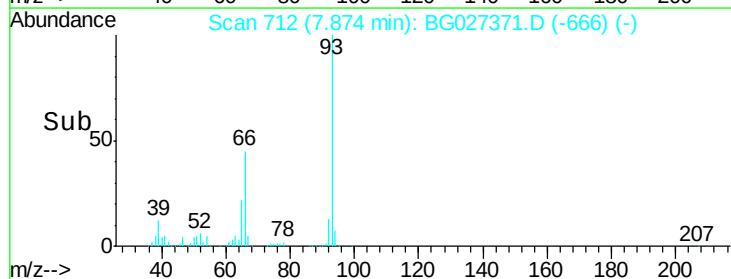
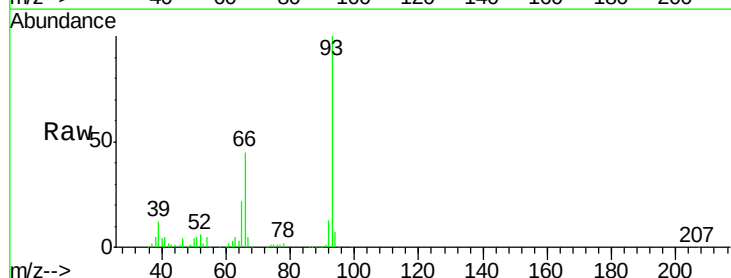
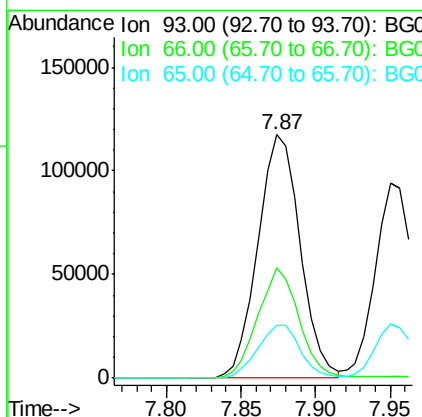
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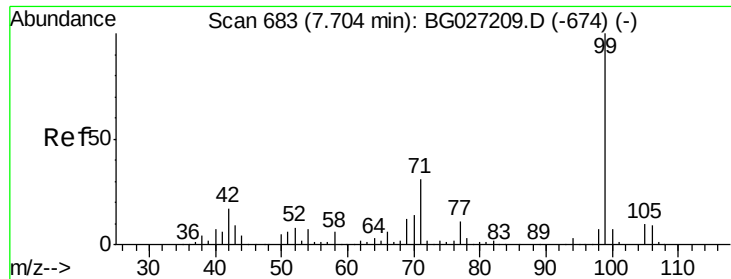
Delta R.T. -0.03 min

Lab File: BG027371.D

Acq: 10 Jun 2017 14:29

Tgt Ion:	93	Resp:	231315
Ion Ratio	Lower	Upper	
93	100		
66	45.3	35.4	53.2
65	21.8	21.2	31.8





#7

Phenol-d6

Concen: 131.715 ng

RT: 7.69 min Scan# 680

Delta R.T. -0.02 min

Lab File: BG027371.D

Acq: 10 Jun 2017 14:29

Instrument :

BNA_G

ClientSampleId :

SB-04-COMP(0-10)MSD

Tgt Ion: 99 Resp: 644702

Ion Ratio Lower Upper

99 100

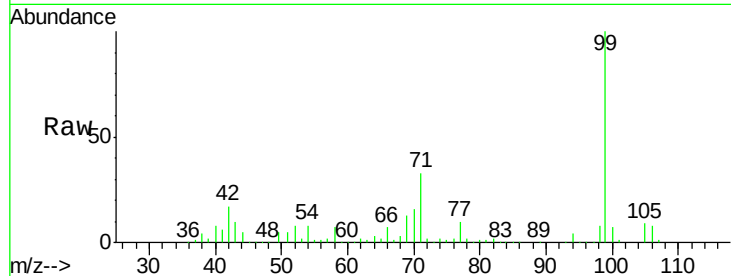
42 17.4 20.5 30.7#

71 33.1 37.6 56.4#

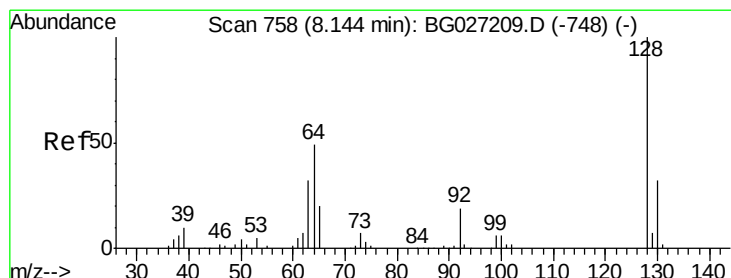
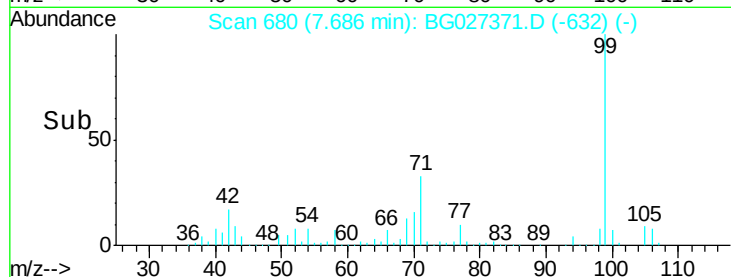
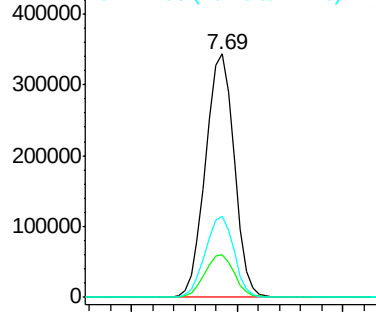
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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 43.421 ng

RT: 8.11 min Scan# 753

Delta R.T. -0.03 min

Lab File: BG027371.D

Acq: 10 Jun 2017 14:29

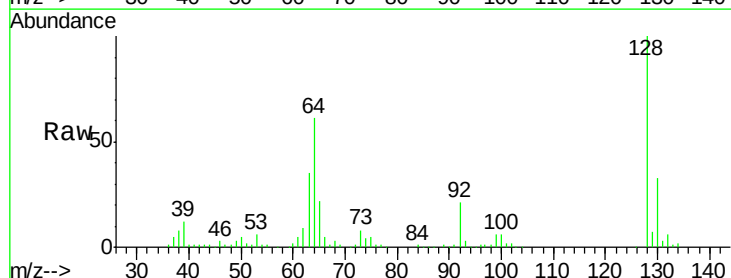
Tgt Ion: 128 Resp: 152885

Ion Ratio Lower Upper

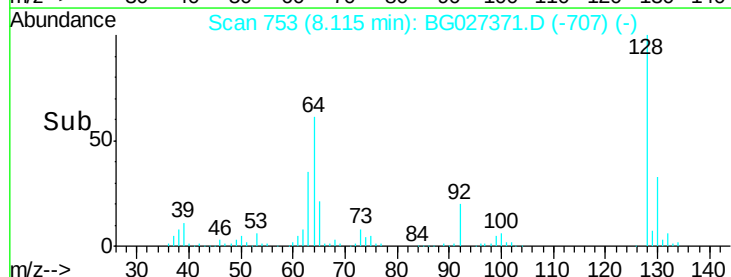
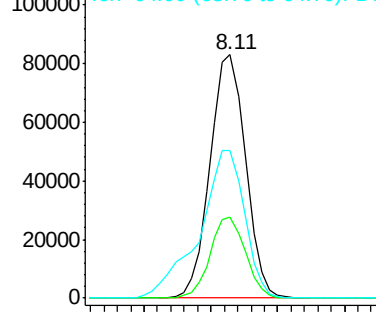
128 100

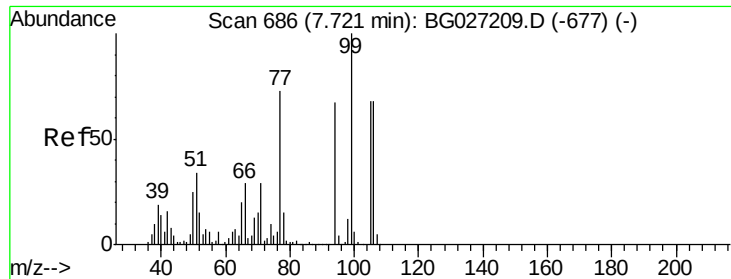
130 33.2 11.4 51.4

64 60.8 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: 21.823 ng

RT: 7.69 min Scan# 681

Delta R.T. -0.03 min

Lab File: BG027371.D

Acq: 10 Jun 2017 14:29

Instrument :

BNA_G

ClientSampleId :

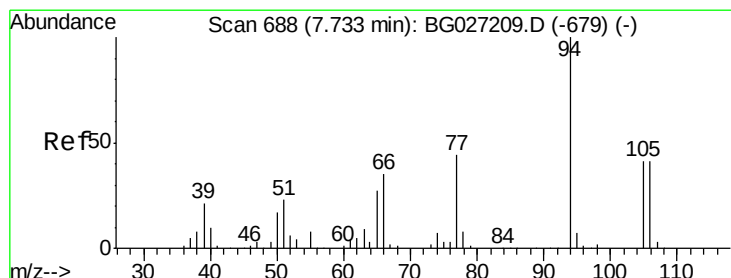
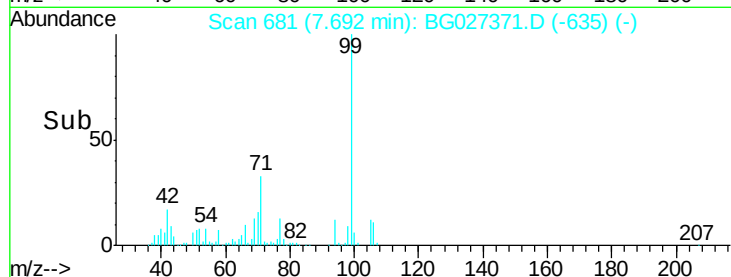
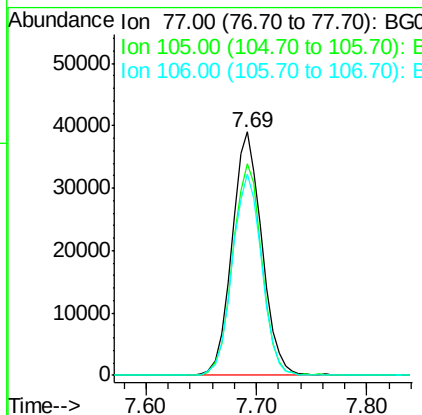
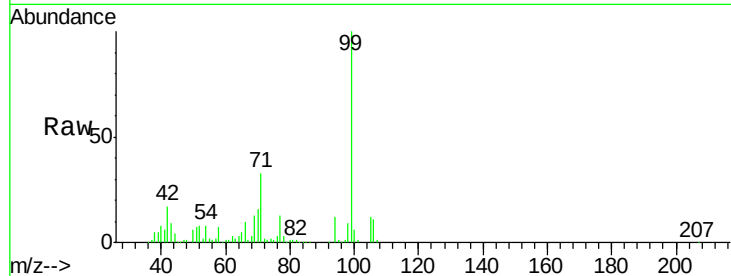
SB-04-COMP(0-10)MSD

Tgt Ion:	77	Resp:	73855
Ion Ratio	Lower	Upper	
77	100		
105	86.9	60.9	100.9
106	82.9	55.1	95.1

Manual Integrations
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#10

Phenol

Concen: 48.979 ng

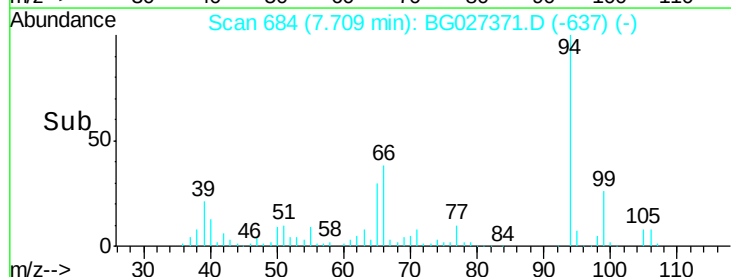
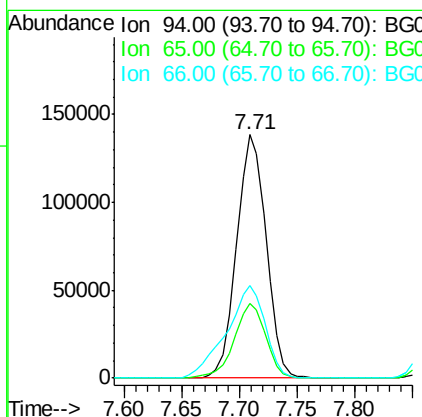
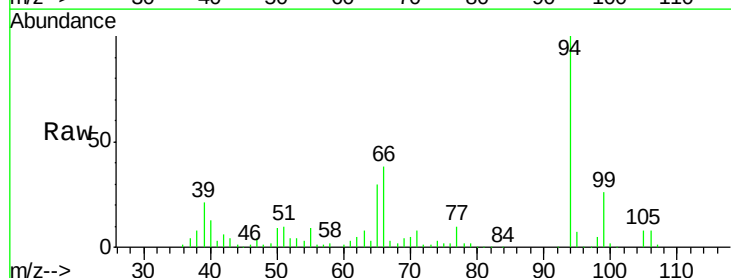
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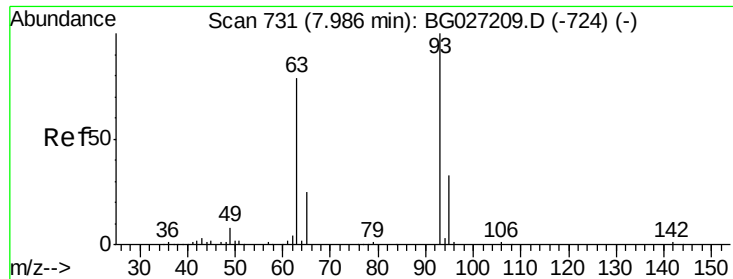
Delta R.T. -0.02 min

Lab File: BG027371.D

Acq: 10 Jun 2017 14:29

Tgt Ion:	94	Resp:	245163
Ion Ratio	Lower	Upper	
94	100		
65	30.5	20.6	60.6
66	38.0	35.5	75.5





#11

bis(2-Chloroethyl)ether

Concen: 39.703 ng

RT: 7.95 min Scan# 725

Delta R.T. -0.04 min

Lab File: BG027371.D

Acq: 10 Jun 2017 14:29

Instrument :

BNA_G

ClientSampleId :

SB-04-COMP(0-10)MSD

Tgt Ion: 93 Resp: 163037
Ion Ratio Lower Upper

93 100

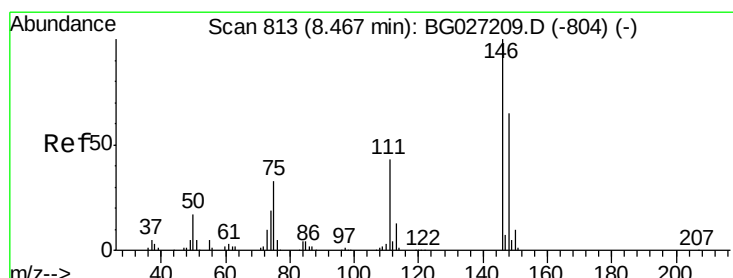
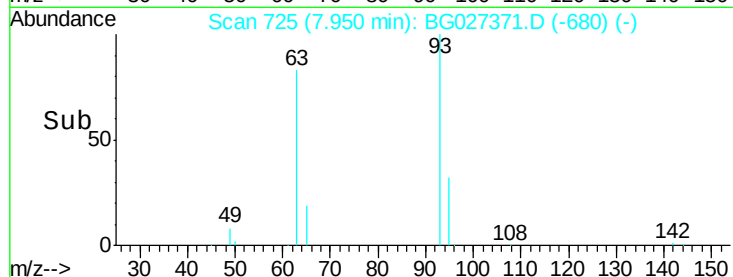
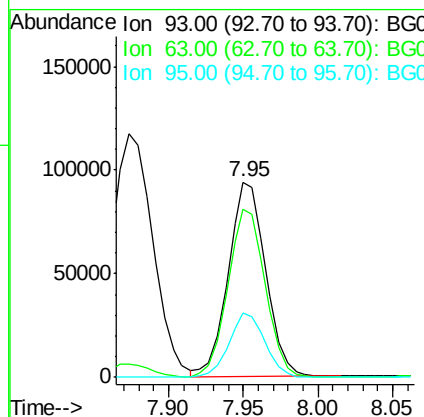
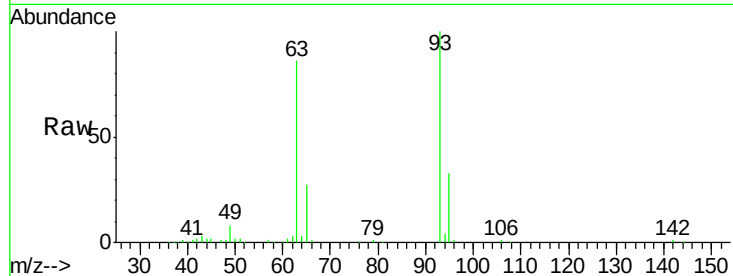
63 86.1 78.5 118.5

95 32.8 9.8 49.8

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 37.689 ng

RT: 8.44 min Scan# 808

Delta R.T. -0.03 min

Lab File: BG027371.D

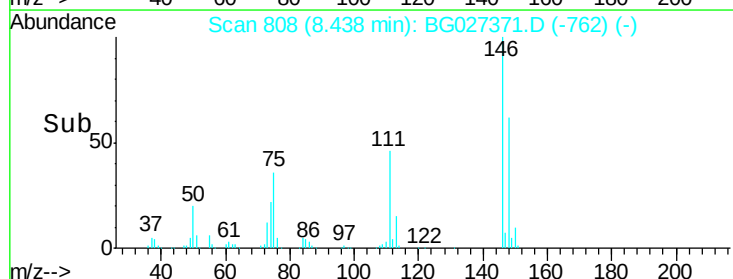
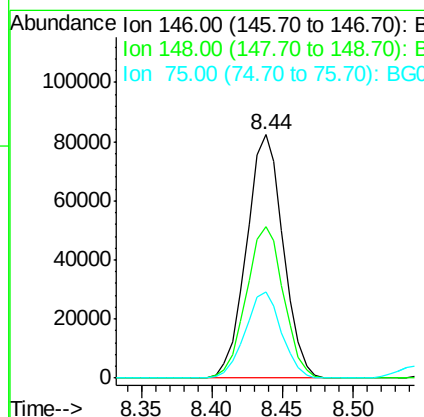
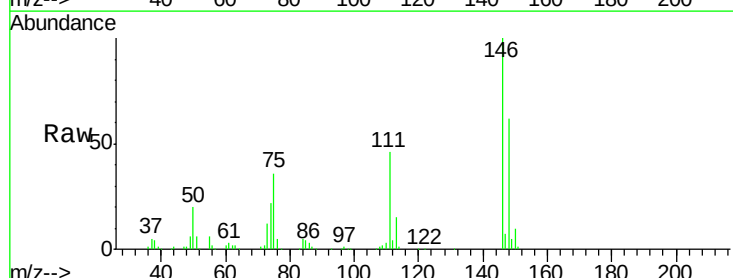
Acq: 10 Jun 2017 14:29

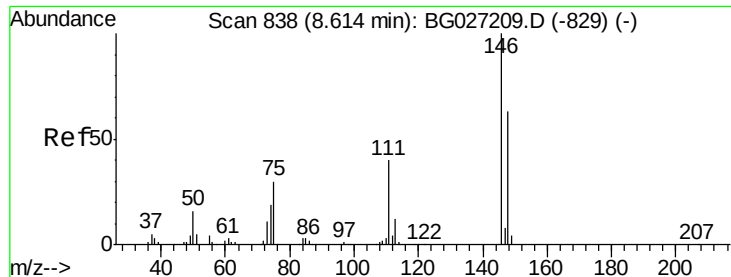
Tgt Ion: 146 Resp: 149675
Ion Ratio Lower Upper

146 100

148 62.2 49.2 73.8

75 35.6 33.4 50.2





#13
 1,4-Dichlorobenzene
 Concen: 37.389 ng
 RT: 8.58 min Scan# 832
 Delta R.T. -0.04 min
 Lab File: BG027371.D
 Acq: 10 Jun 2017 14:29

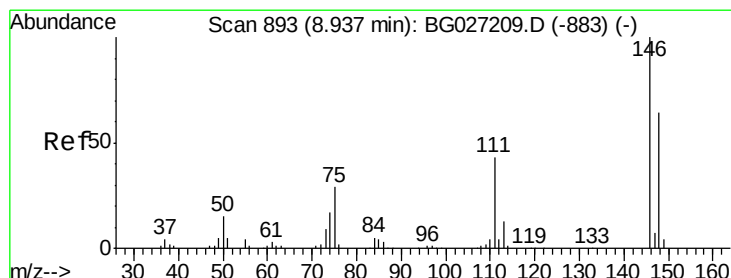
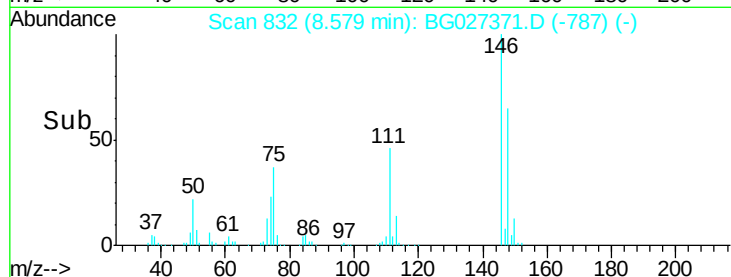
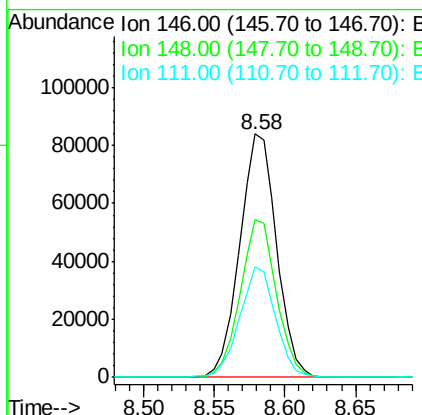
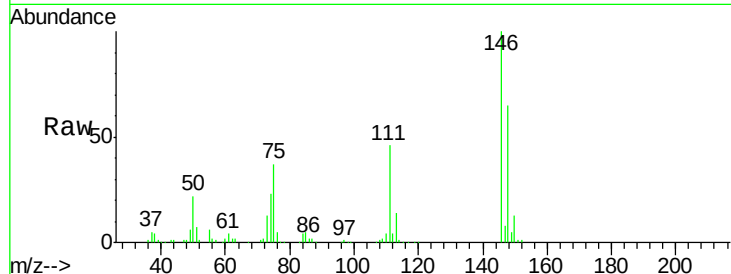
Instrument :
 BNA_G
 ClientSampleId :
 SB-04-COMP(0-10)MSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	52.2	78.2
111	45.6	37.0	55.6

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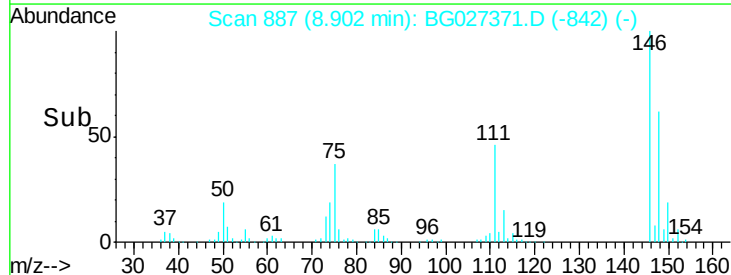
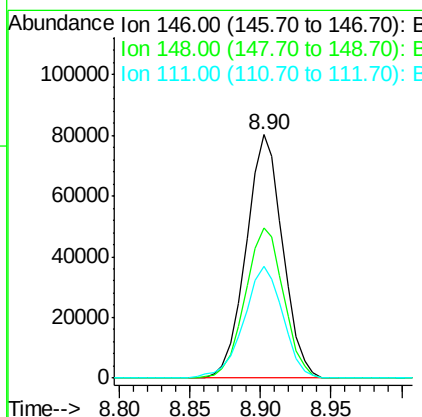
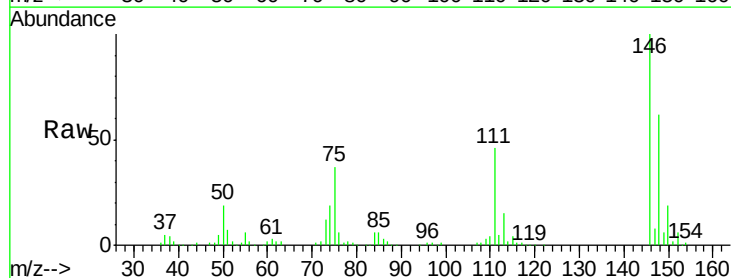
mohammad

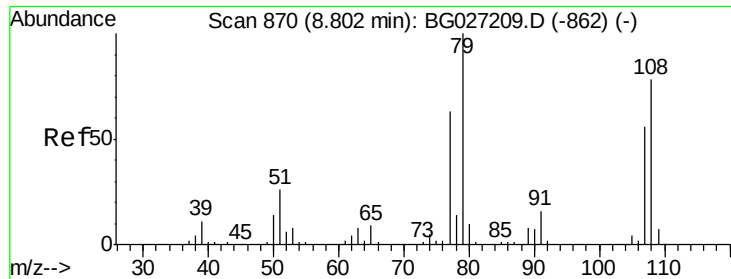
6/13/2017 10:16:23 AM



#14
 1,2-Dichlorobenzene
 Concen: 36.491 ng
 RT: 8.90 min Scan# 887
 Delta R.T. -0.04 min
 Lab File: BG027371.D
 Acq: 10 Jun 2017 14:29

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.8	54.6	81.8
111	46.2	39.7	59.5





#15
Benzyl Alcohol
Concen: 41.054 ng
RT: 8.77 min Scan# 864
Delta R.T. -0.04 min
Lab File: BG027371.D
Acq: 10 Jun 2017 14:29

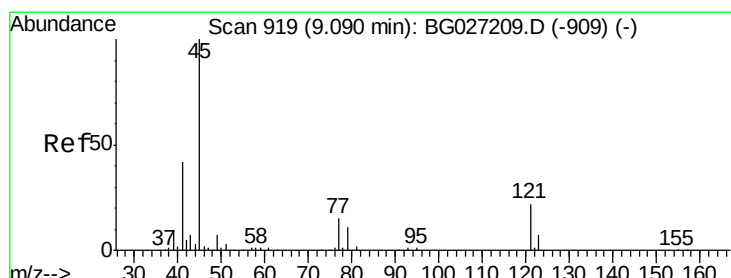
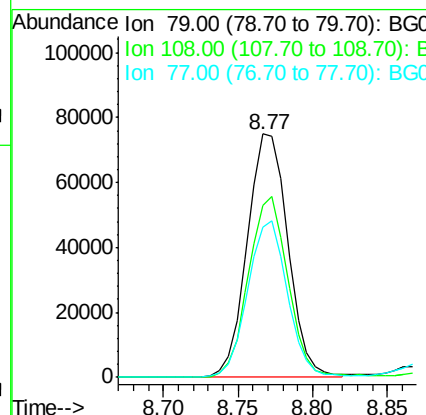
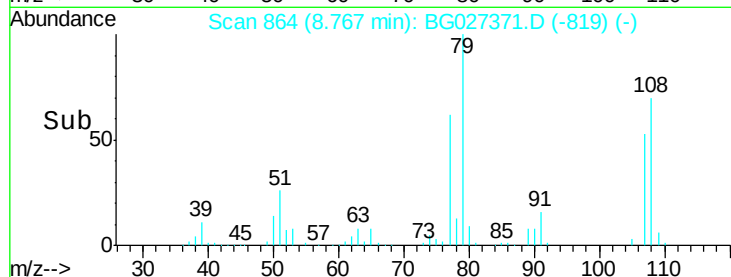
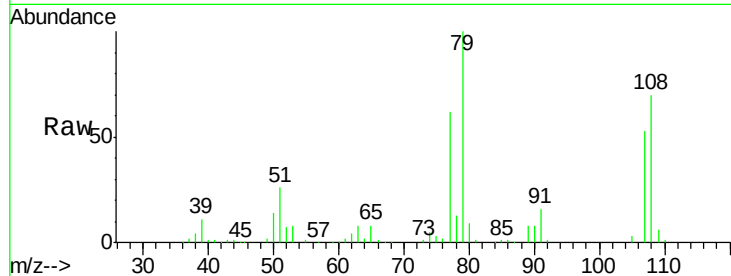
Instrument :
BNA_G
ClientSampleId :
SB-04-COMP(0-10)MSD

Tgt Ion: 79 Resp: 141585
Ion Ratio Lower Upper
79 100
108 70.4 45.5 68.3#
77 61.8 54.3 81.5

Manual Integrations
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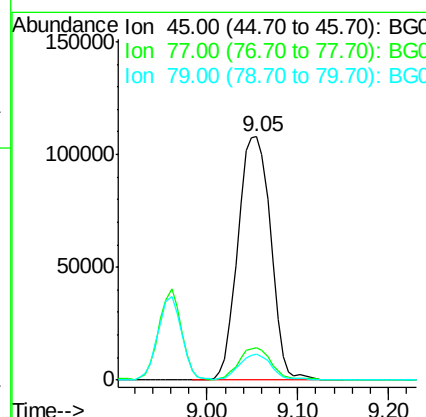
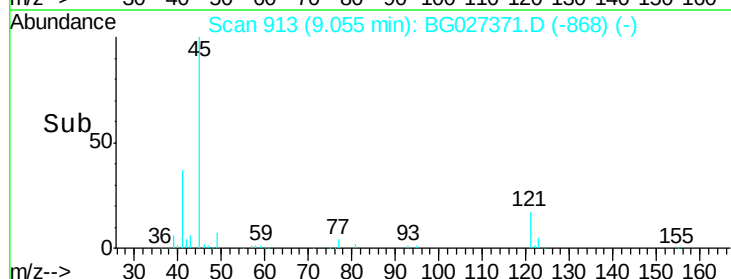
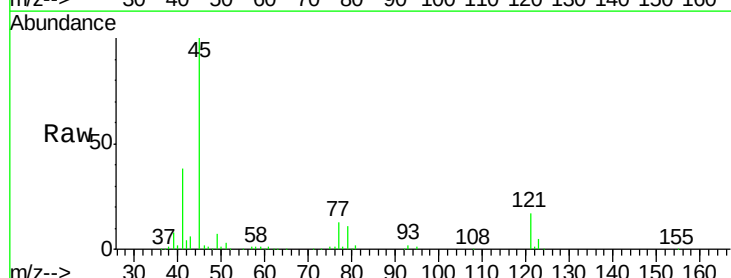
mohammad

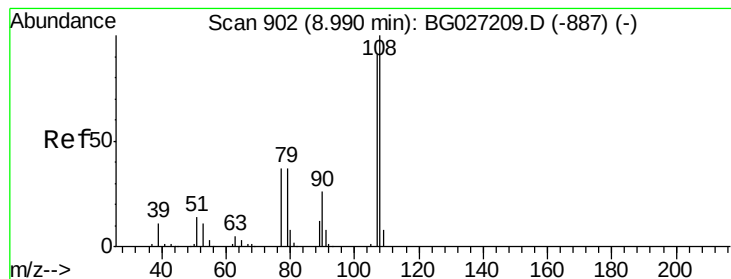
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.063 ng
RT: 9.05 min Scan# 913
Delta R.T. -0.04 min
Lab File: BG027371.D
Acq: 10 Jun 2017 14:29

Tgt Ion: 45 Resp: 270649
Ion Ratio Lower Upper
45 100
77 13.5 0.0 30.6
79 10.7 0.0 28.5





#17

2-Methylphenol

Concen: 41.883 ng

RT: 8.96 min Scan# 897

Delta R.T. -0.03 min

Lab File: BG027371.D

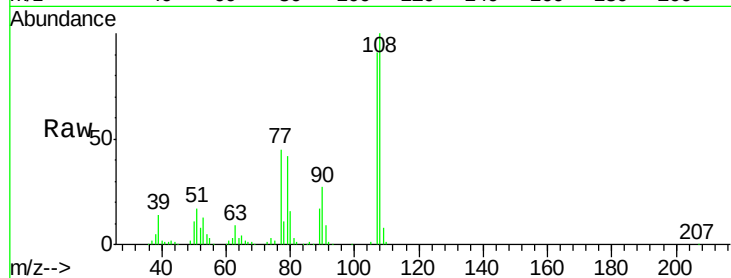
Acq: 10 Jun 2017 14:29

Instrument :

BNA_G

ClientSampleId :

SB-04-COMP(0-10)MSD



Tgt Ion:107 Resp: 148194

Ion Ratio Lower Upper

107 100

108 110.0 85.6 128.4

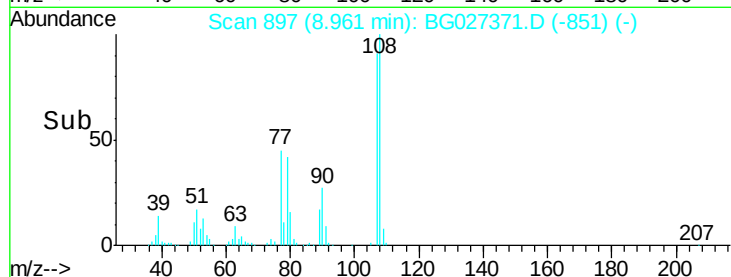
77 49.7 51.4 77.2#

79 45.9 49.2 73.8#

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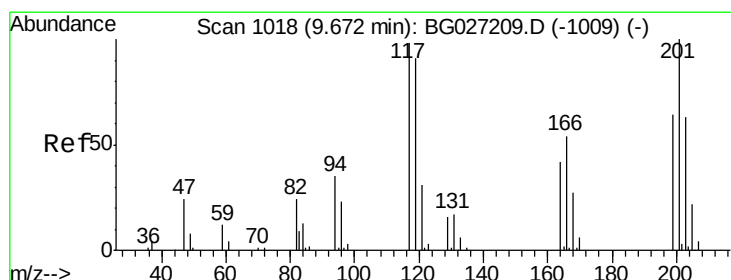
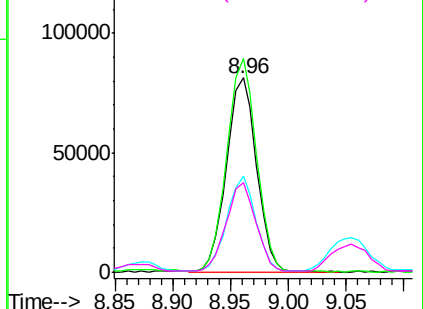


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 39.953 ng

RT: 9.63 min Scan# 1011

Delta R.T. -0.04 min

Lab File: BG027371.D

Acq: 10 Jun 2017 14:29

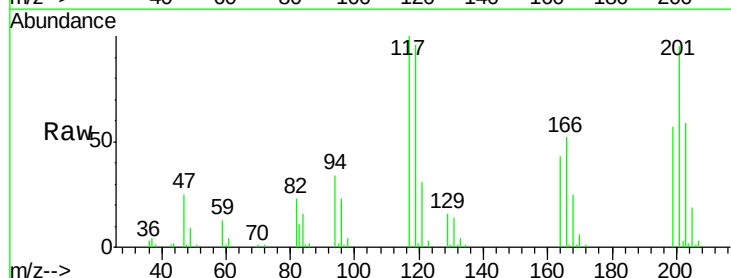
Tgt Ion:117 Resp: 54852

Ion Ratio Lower Upper

117 100

119 95.6 69.8 104.6

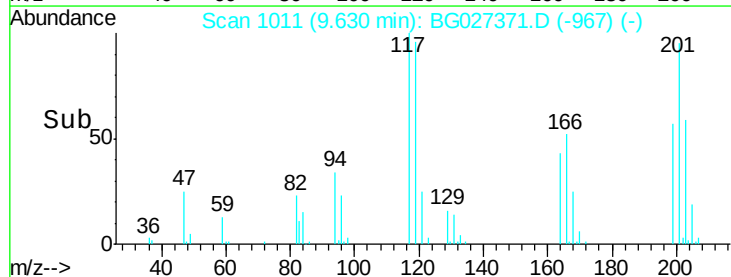
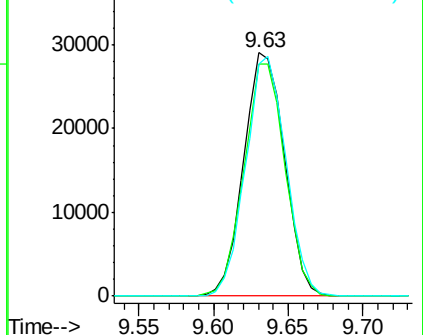
201 95.3 95.4 143.0#

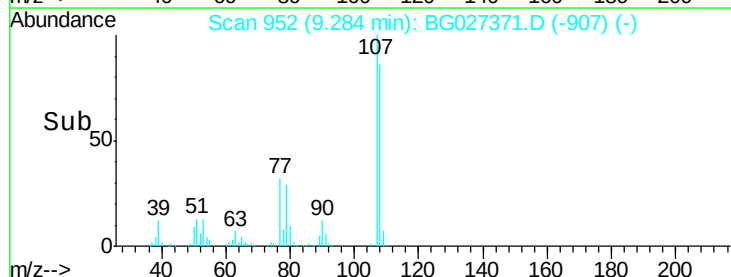
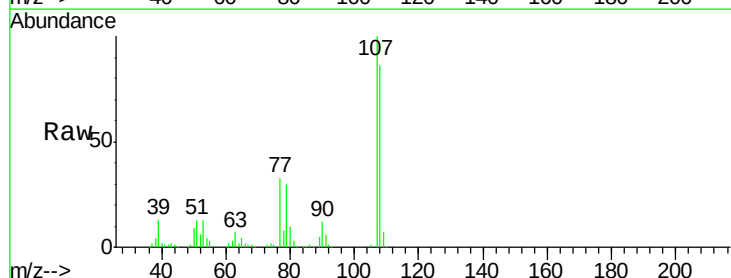
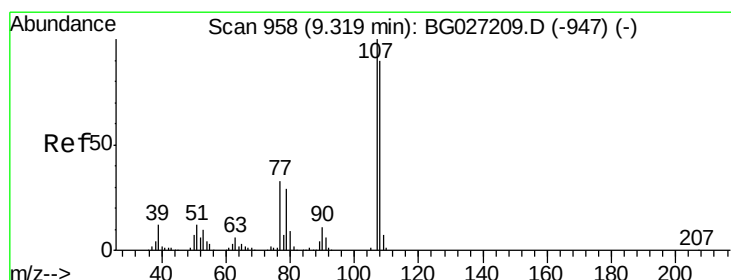
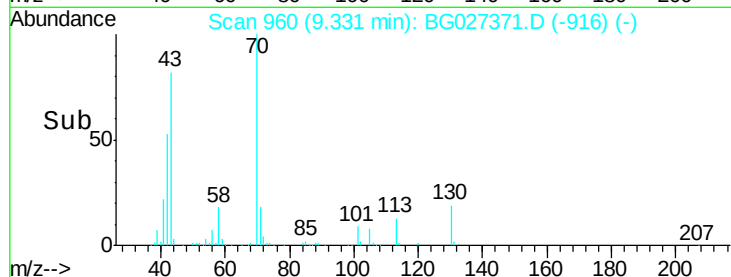
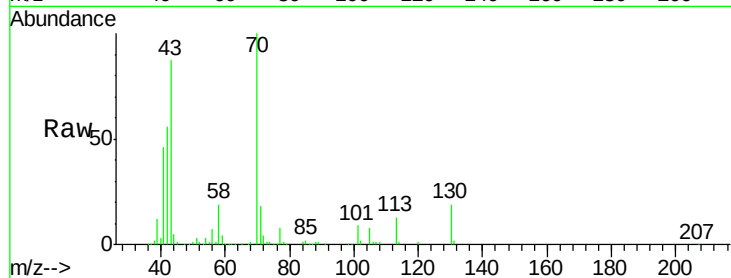
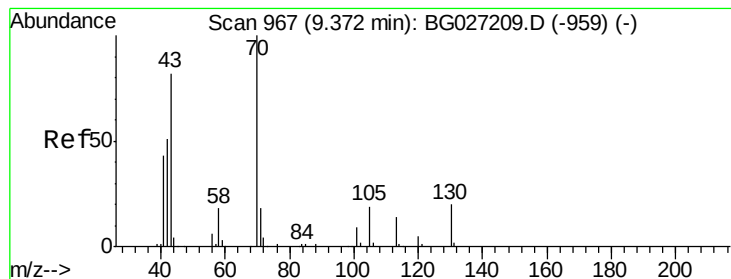


Abundance Ion 117.00 (116.70 to 117.70): E

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: 41.330 ng

RT: 9.33 min Scan# 960

Delta R.T. -0.04 min

Lab File: BG027371.D

Acq: 10 Jun 2017 14:29

Tgt Ion:	70	Resp:	141521
Ion Ratio	Lower	Upper	
70	100		
42	55.6	56.1	84.1#
101	8.7	7.5	11.3
130	18.7	14.6	21.8

Instrument :

BNA_G

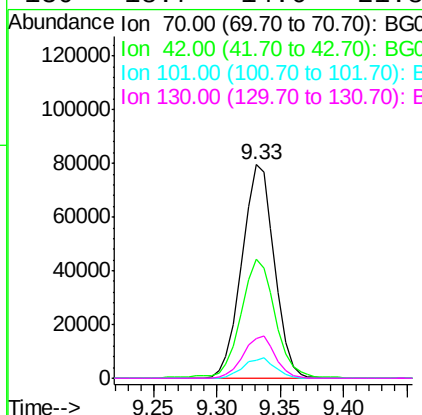
ClientSampleId :

SB-04-COMP(0-10)MSD

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#20

3+4-Methylphenols

Concen: 41.362 ng

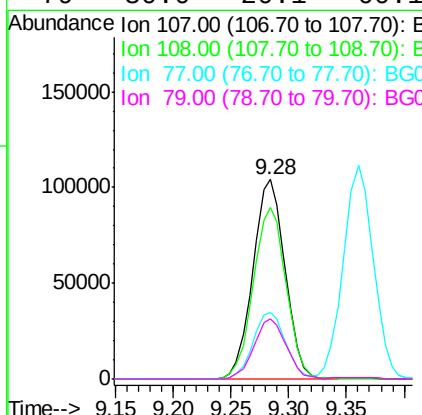
RT: 9.28 min Scan# 952

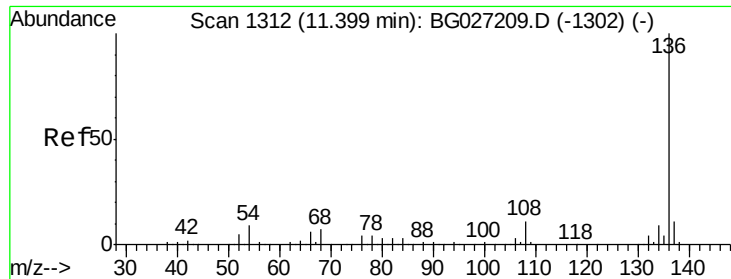
Delta R.T. -0.04 min

Lab File: BG027371.D

Acq: 10 Jun 2017 14:29

Tgt Ion:	107	Resp:	202728
Ion Ratio	Lower	Upper	
107	100		
108	85.8	70.8	110.8
77	33.4	25.8	65.8
79	30.0	20.1	60.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.36 min Scan# 1305
Delta R.T. -0.04 min
Lab File: BG027371.D
Acq: 10 Jun 2017 14:29

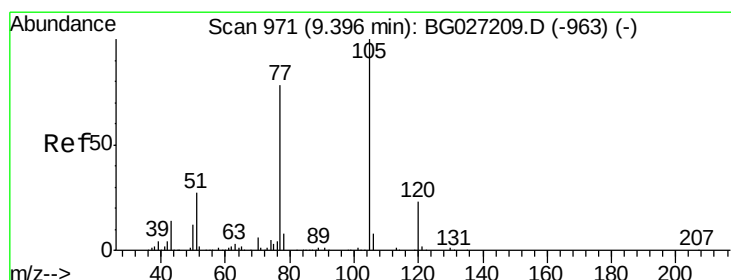
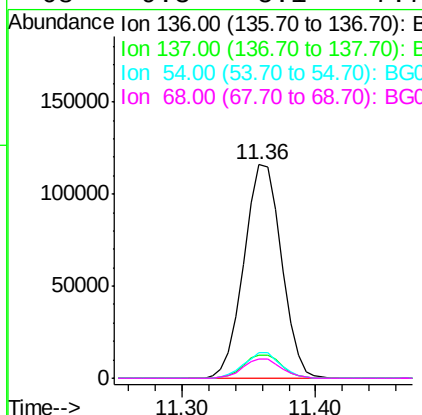
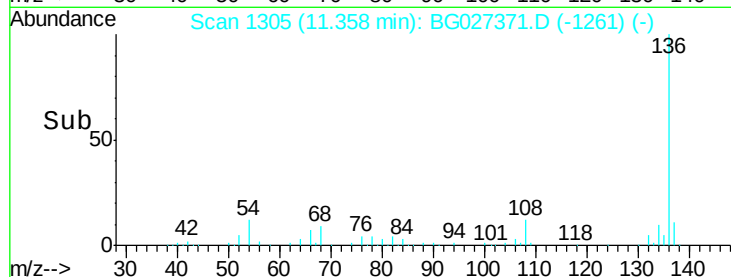
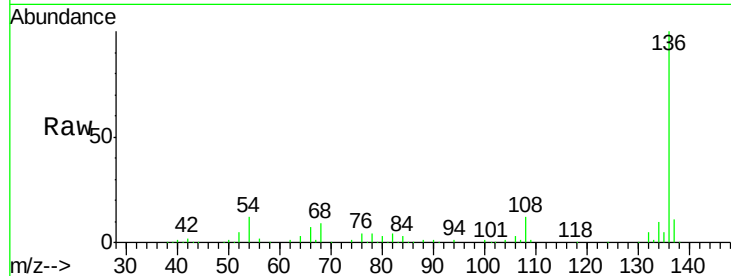
Instrument :
BNA_G
ClientSampleId :
SB-04-COMP(0-10)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	225639		
137	10.7	8.9	13.3	
54	11.8	9.3	13.9	
68	9.3	5.1	7.7#	

Manual Integrations
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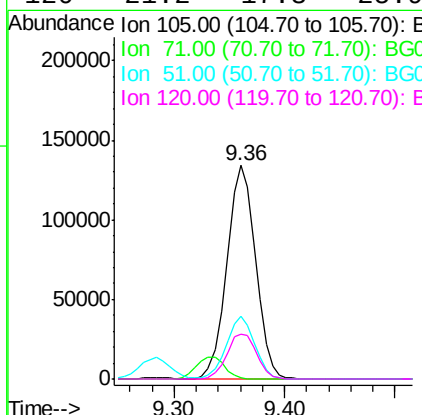
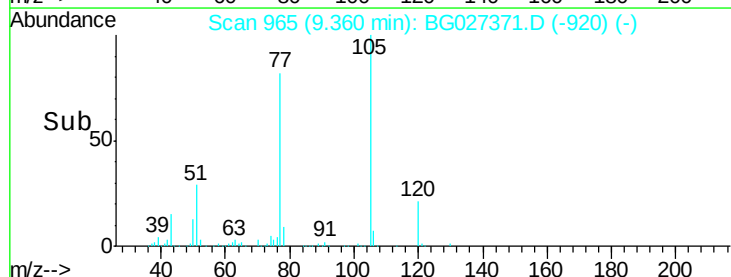
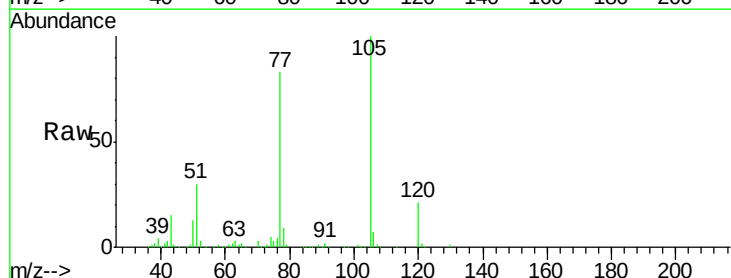
mohammad

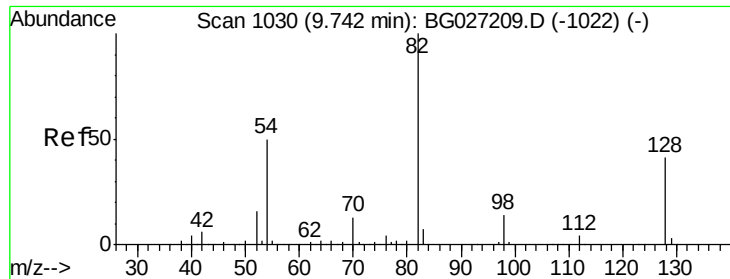
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#22
Acetophenone
Concen: 42.345 ng
RT: 9.36 min Scan# 965
Delta R.T. -0.04 min
Lab File: BG027371.D
Acq: 10 Jun 2017 14:29

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	244345		
71	0.4	0.9	1.3#	
51	29.7	34.0	51.0#	
120	21.2	17.3	25.9	





#23
 Nitrobenzene-d5
 Concen: 98.778 ng
 RT: 9.71 min Scan# 1024
 Delta R.T. -0.04 min
 Lab File: BG027371.D
 Acq: 10 Jun 2017 14:29

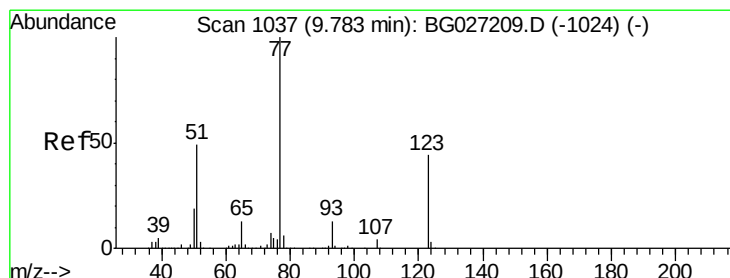
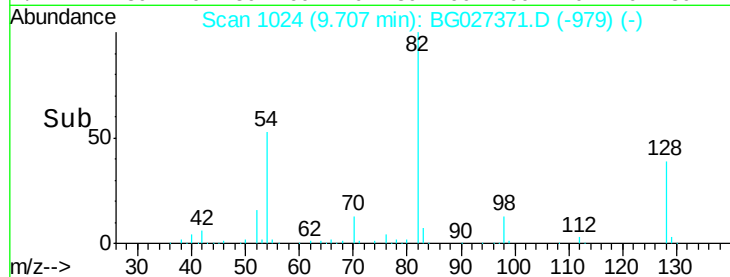
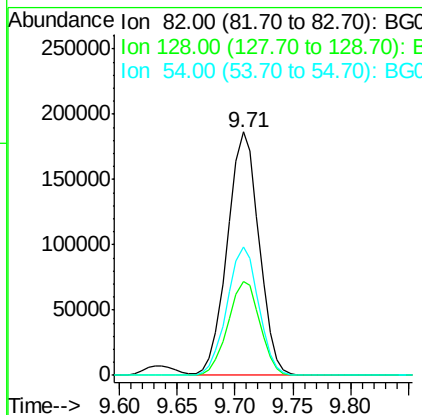
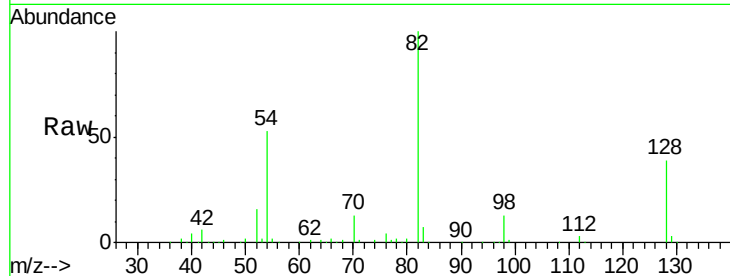
Instrument :
 BNA_G
 ClientSampleId :
 SB-04-COMP(0-10)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	354401		
128	38.6	26.4	39.6	
54	52.5	49.4	74.2	

Manual Integrations
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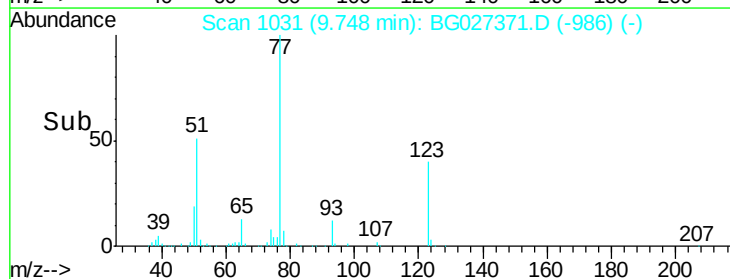
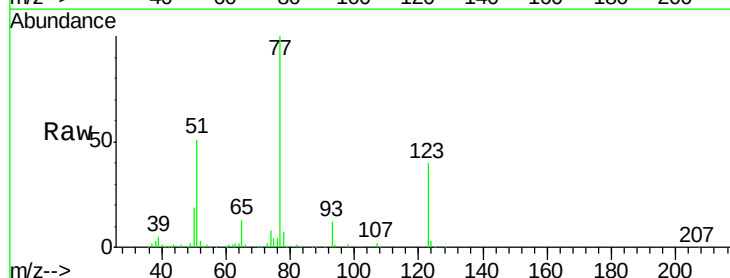
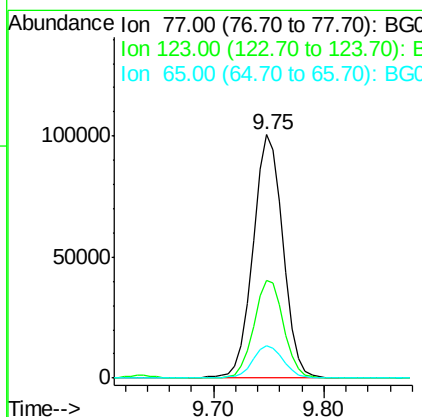
mohammad

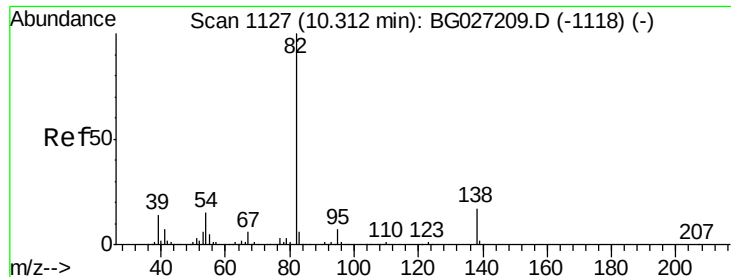
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#24
 Nitrobenzene
 Concen: 46.490 ng
 RT: 9.75 min Scan# 1031
 Delta R.T. -0.04 min
 Lab File: BG027371.D
 Acq: 10 Jun 2017 14:29

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	190028		
123	40.4	26.1	39.1#	
65	13.5	12.4	18.6	





#25

Isophorone

Concen: 44.950 ng

RT: 10.27 min Scan# 1119

Delta R.T. -0.05 min

Lab File: BG027371.D

Acq: 10 Jun 2017 14:29

Instrument :

BNA_G

ClientSampleId :

SB-04-COMP(0-10)MSD

Tgt Ion: 82 Resp: 379226

Ion Ratio Lower Upper

82 100

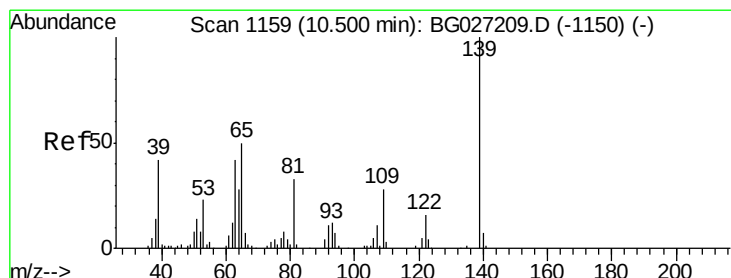
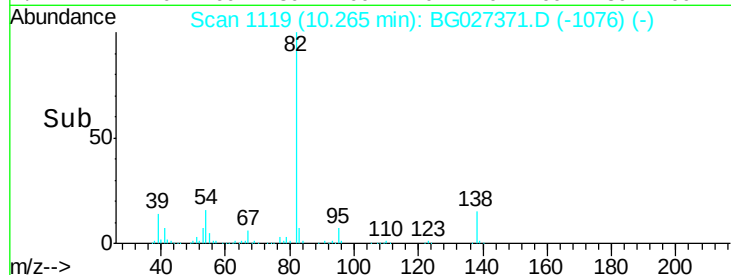
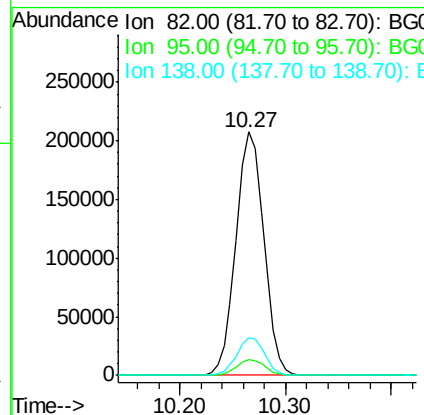
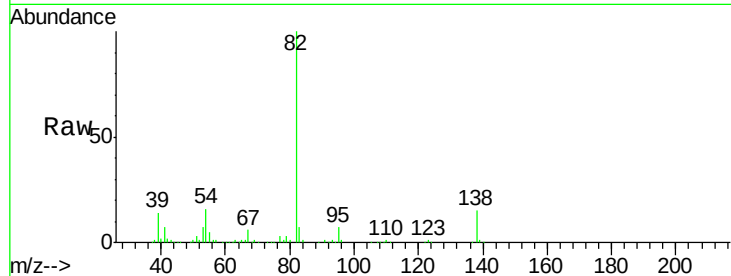
95 6.6 7.5 11.3#

138 15.5 12.3 18.5

Manual Integrations
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#26

2-Nitrophenol

Concen: 44.690 ng

RT: 10.46 min Scan# 1152

Delta R.T. -0.04 min

Lab File: BG027371.D

Acq: 10 Jun 2017 14:29

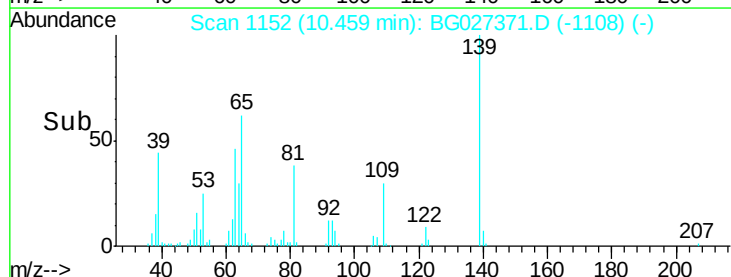
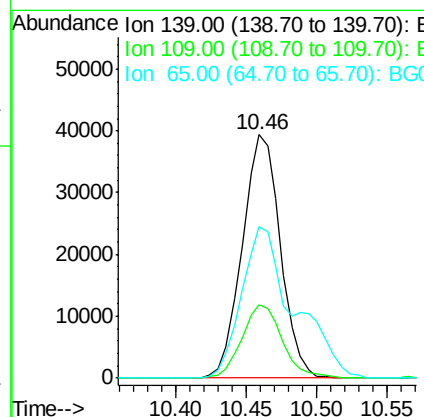
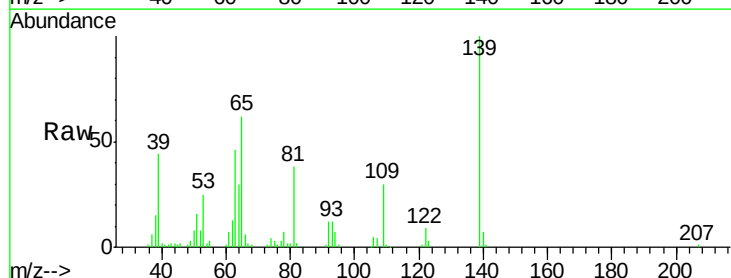
Tgt Ion: 139 Resp: 74325

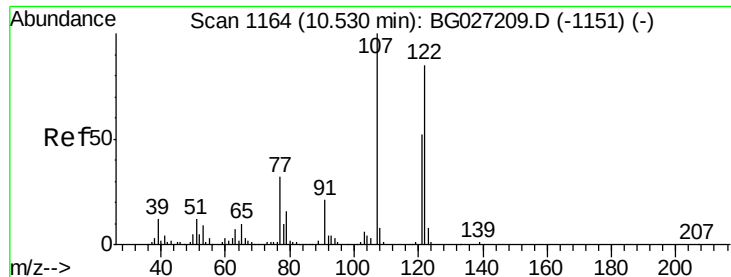
Ion Ratio Lower Upper

139 100

109 29.9 38.6 58.0#

65 62.1 57.1 85.7





#27
 2,4-Dimethylphenol
 Concen: 44.656 ng
 RT: 10.49 min Scan# 1158
 Delta R.T. -0.04 min
 Lab File: BG027371.D
 Acq: 10 Jun 2017 14:29

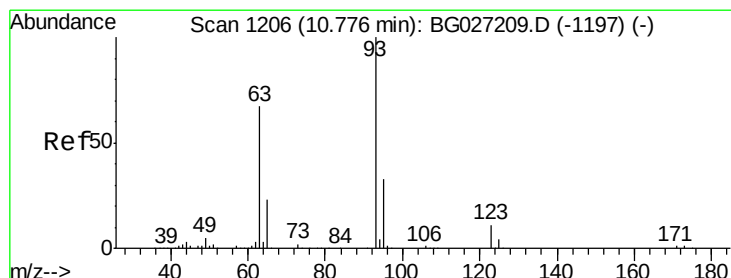
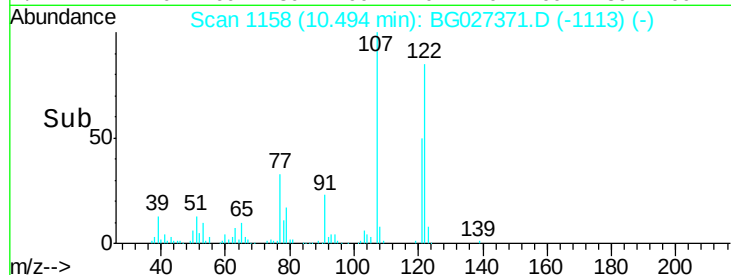
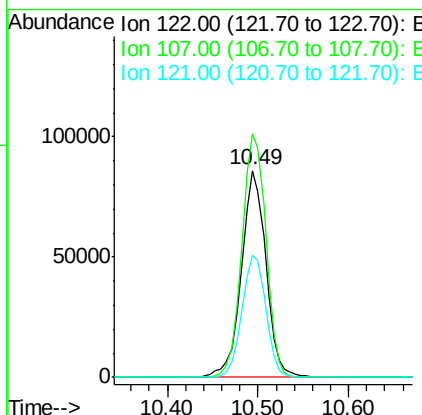
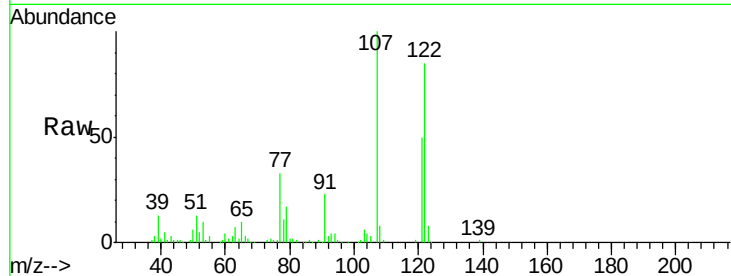
Instrument :
 BNA_G
 ClientSampleId :
 SB-04-COMP(0-10)MSD

Tgt Ion	Ratio	Lower	Upper
122	100		
107	117.7	104.2	156.4
121	59.3	46.0	69.0

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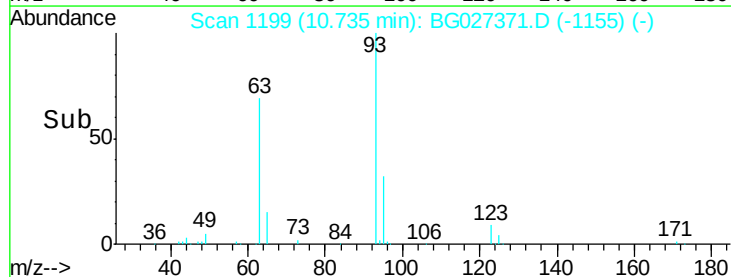
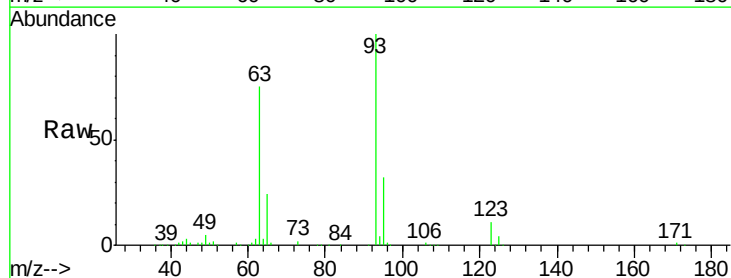
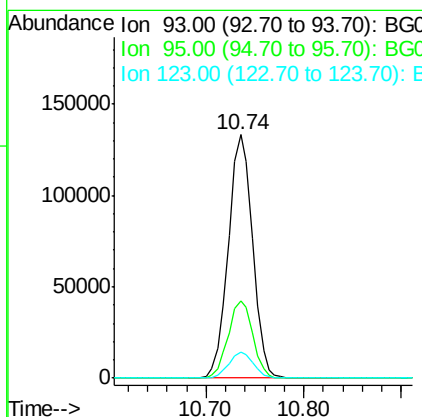
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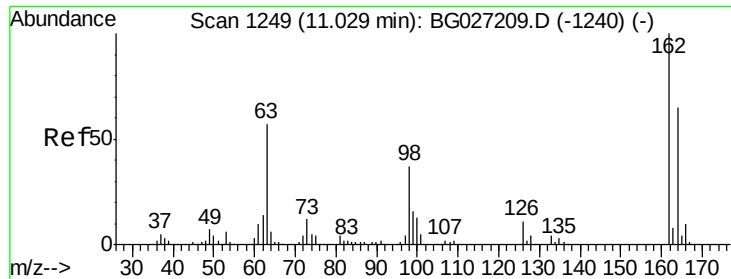
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#28
 bis(2-Chloroethoxy)methane
 Concen: 42.032 ng
 RT: 10.74 min Scan# 1199
 Delta R.T. -0.04 min
 Lab File: BG027371.D
 Acq: 10 Jun 2017 14:29

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.5	25.7	38.5
123	10.7	8.3	12.5





#29
 2,4-Dichlorophenol
 Concen: 43.770 ng
 RT: 10.99 min Scan# 1243
 Delta R.T. -0.04 min
 Lab File: BG027371.D
 Acq: 10 Jun 2017 14:29

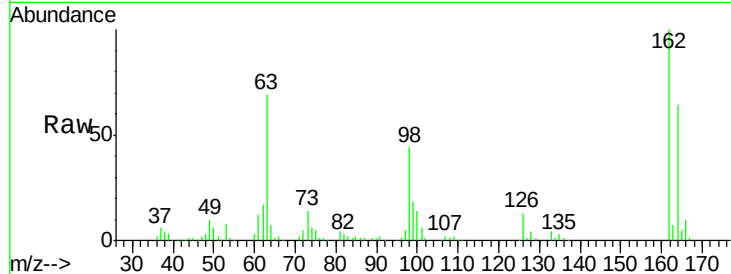
Instrument :
 BNA_G
 ClientSampleId :
 SB-04-COMP(0-10)MSD

Tgt Ion:	162	Resp:	144945
Ion Ratio	Lower	Upper	
162	100		
164	64.1	42.4	82.4
98	44.3	20.3	60.3

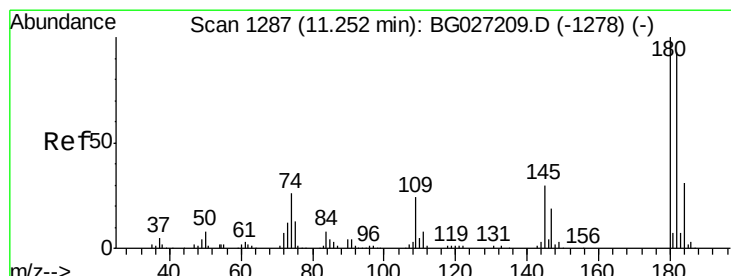
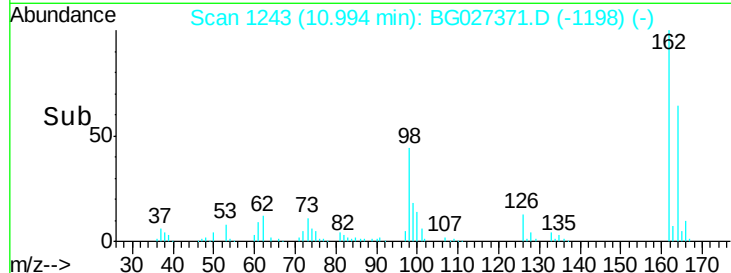
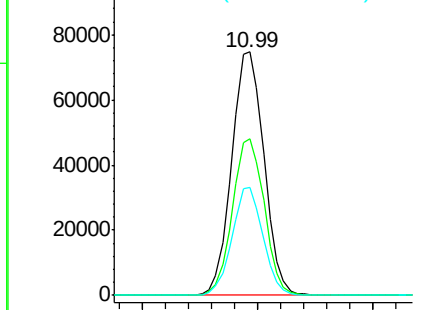
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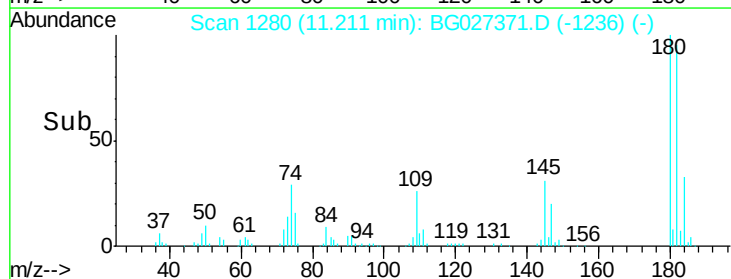
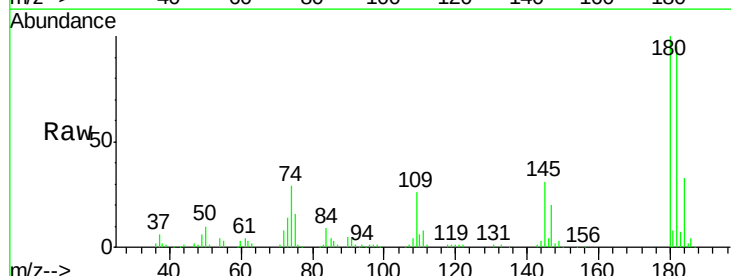
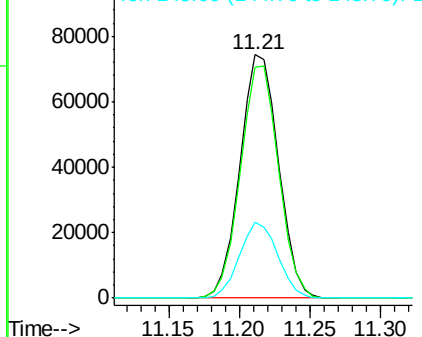
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

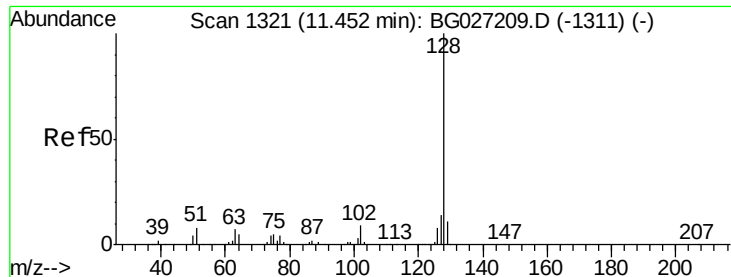


#30
 1,2,4-Trichlorobenzene
 Concen: 38.821 ng
 RT: 11.21 min Scan# 1280
 Delta R.T. -0.04 min
 Lab File: BG027371.D
 Acq: 10 Jun 2017 14:29

Tgt Ion:	180	Resp:	142348
Ion Ratio	Lower	Upper	
180	100		
182	95.0	77.0	115.4
145	30.9	23.4	35.0

Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31
Naphthalene
Concen: 38.767 ng
RT: 11.41 min Scan# 1314
Delta R.T. -0.04 min
Lab File: BG027371.D
Acq: 10 Jun 2017 14:29

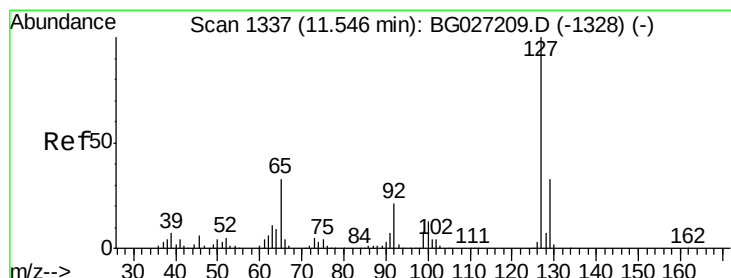
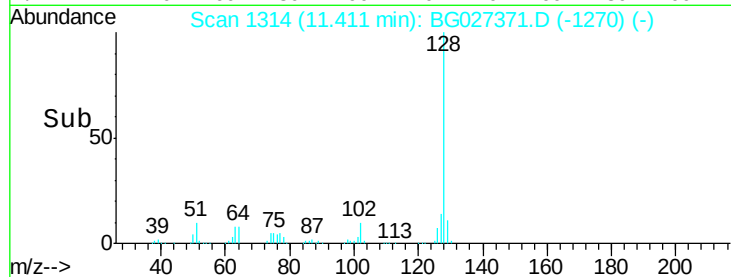
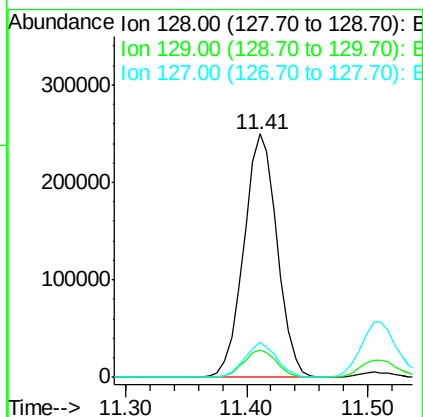
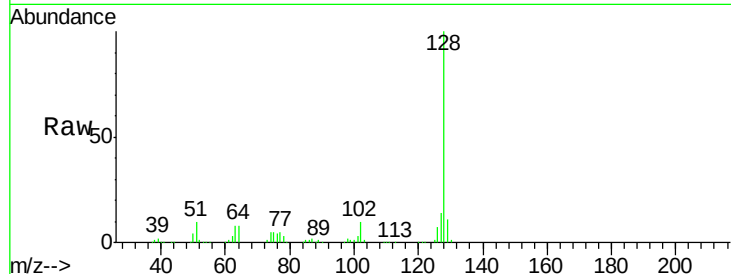
Instrument :
BNA_G
ClientSampleId :
SB-04-COMP(0-10)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	478075		
129	11.3	9.3	13.9	
127	14.4	11.4	17.0	

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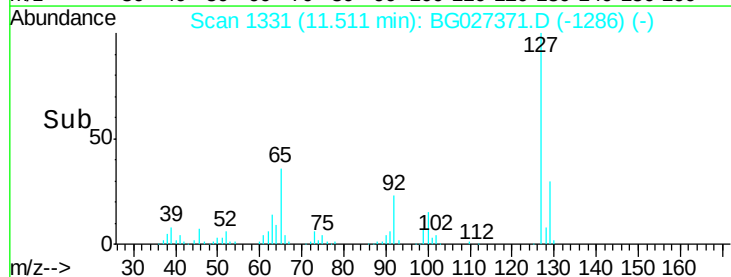
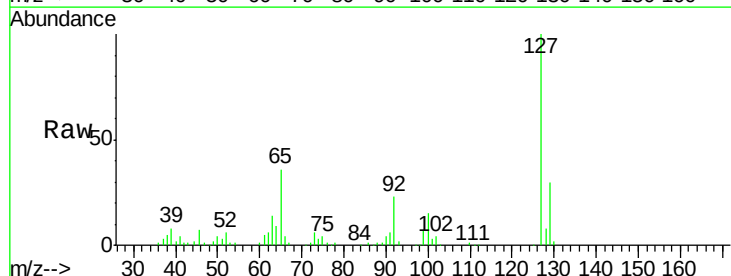
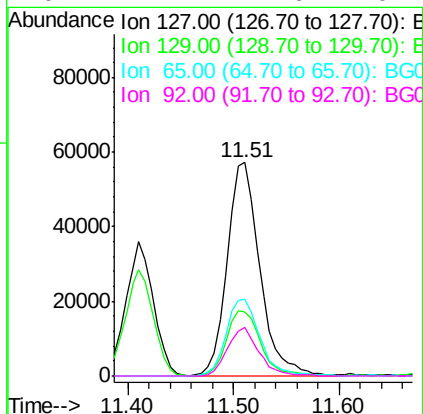
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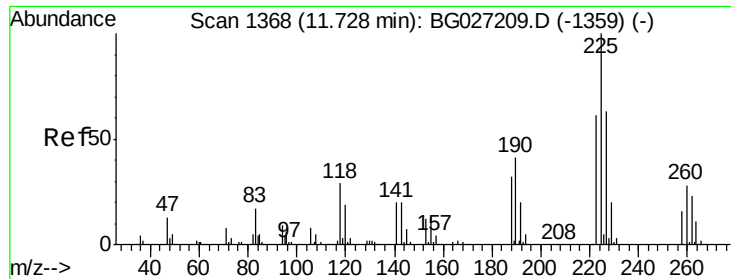
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#33
4-Chloroaniline
Concen: 23.813 ng
RT: 11.51 min Scan# 1331
Delta R.T. -0.04 min
Lab File: BG027371.D
Acq: 10 Jun 2017 14:29

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	122366		
129	30.0	23.6	35.4	
65	36.0	37.7	56.5#	
92	22.7	17.6	26.4	





#34
Hexachlorobutadiene
Concen: 37.973 ng
RT: 11.68 min Scan# 1360
Delta R.T. -0.05 min
Lab File: BG027371.D
Acq: 10 Jun 2017 14:29

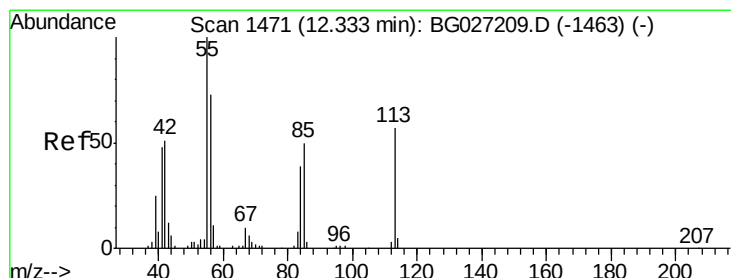
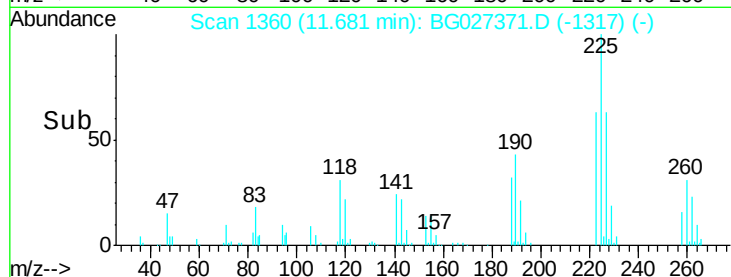
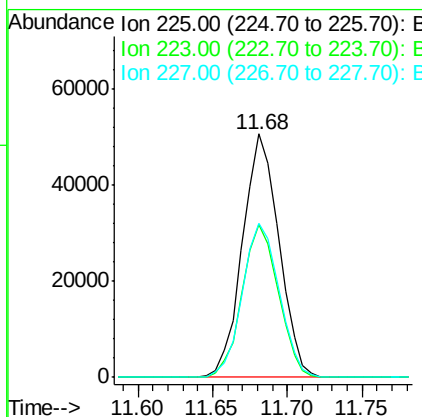
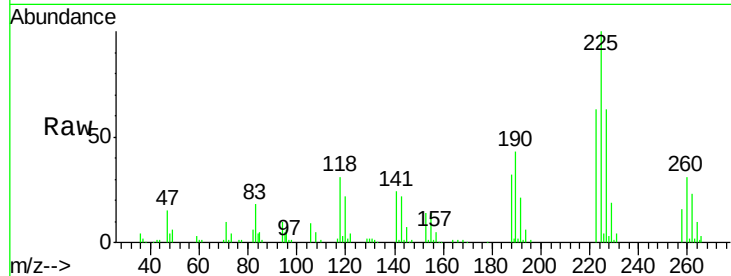
Instrument :
BNA_G
ClientSampleId :
SB-04-COMP(0-10)MSD

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.7	76.1
227	63.4	49.0	73.6

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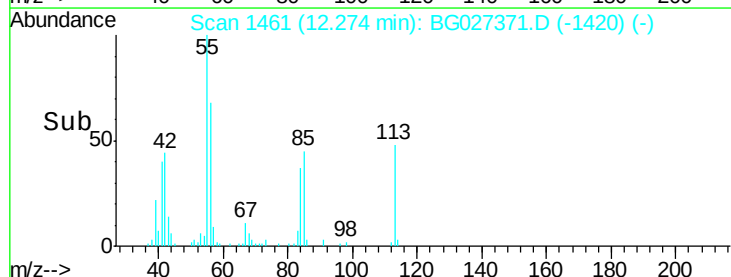
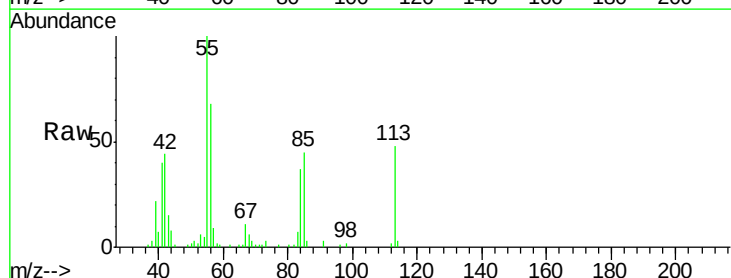
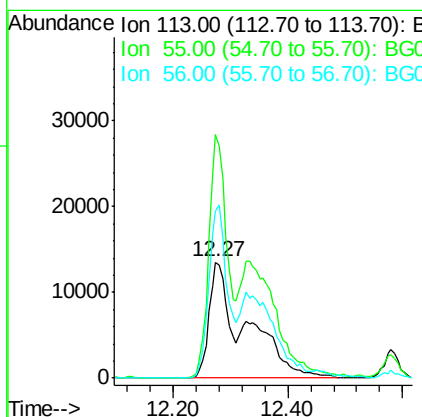
mohammad

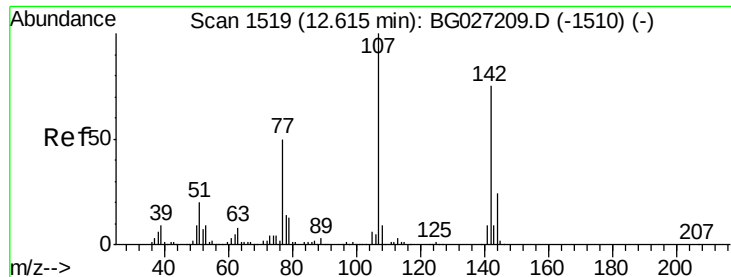
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#35
Caprolactam
Concen: 52.532 ng m
RT: 12.27 min Scan# 1461
Delta R.T. -0.06 min
Lab File: BG027371.D
Acq: 10 Jun 2017 14:29

Tgt Ion	Ratio	Lower	Upper
113	100		
55	210.2	198.6	238.6
56	144.0	140.4	180.4





#36
4-Chloro-3-methylphenol
Concen: 45.995 ng
RT: 12.58 min Scan# 1513
Delta R.T. -0.04 min
Lab File: BG027371.D
Acq: 10 Jun 2017 14:29

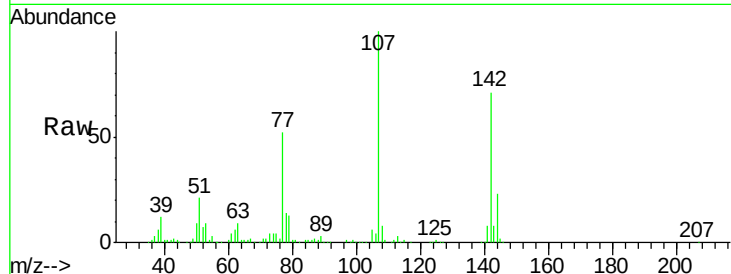
Instrument :
BNA_G
ClientSampleId :
SB-04-COMP(0-10)MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
107	100		
144	23.1	17.4	26.0
142	71.4	54.1	81.1

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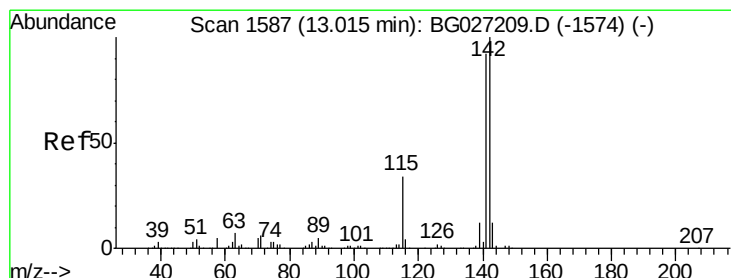
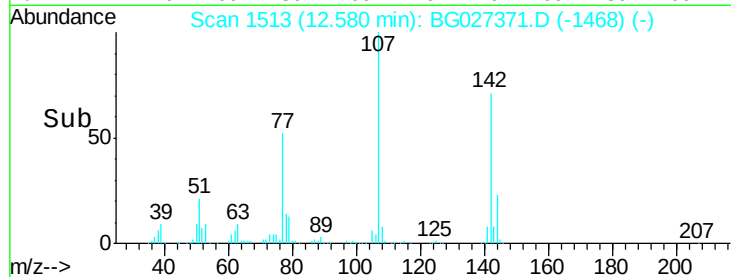
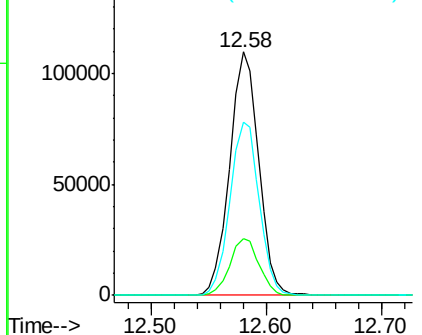


Abundance

Ion 107.00 (106.70 to 107.70): E

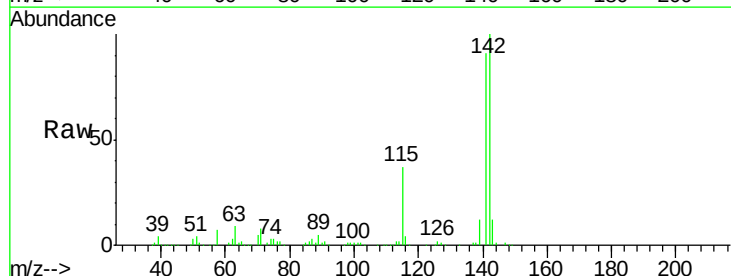
Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



#37
2-Methylnaphthalene
Concen: 38.203 ng
RT: 12.97 min Scan# 1580
Delta R.T. -0.04 min
Lab File: BG027371.D
Acq: 10 Jun 2017 14:29

Tgt Ion	Ratio	Resp Lower	Resp Upper
142	100		
141	91.1	70.4	105.6
115	37.0	35.5	53.3

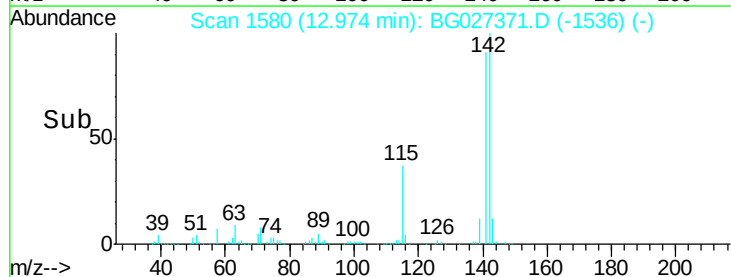
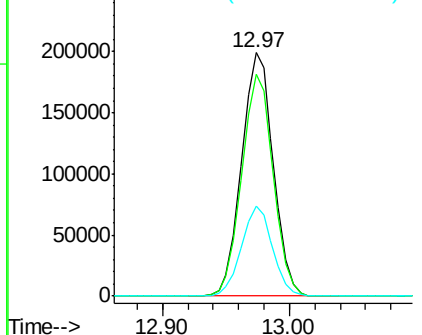


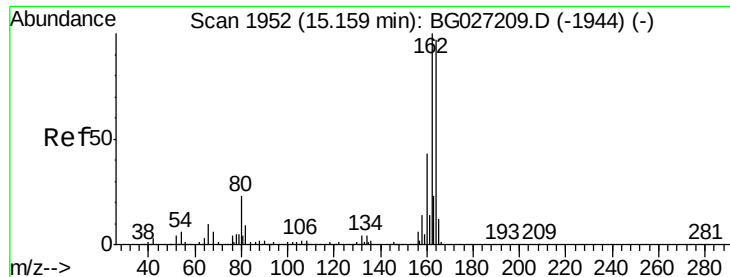
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.12 min Scan# 1946
Delta R.T. -0.04 min
Lab File: BG027371.D
Acq: 10 Jun 2017 14:29

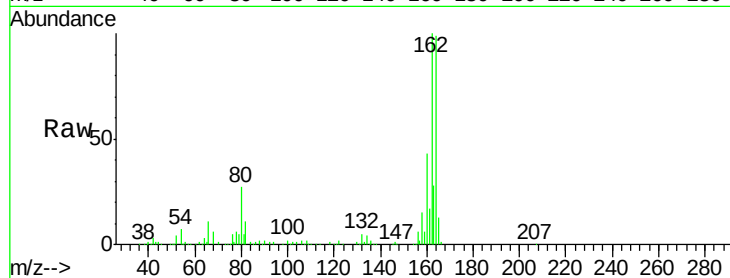
Instrument :
BNA_G
ClientSampleId :
SB-04-COMP(0-10)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	100.7	85.1	127.7	
160	43.5	34.7	52.1	

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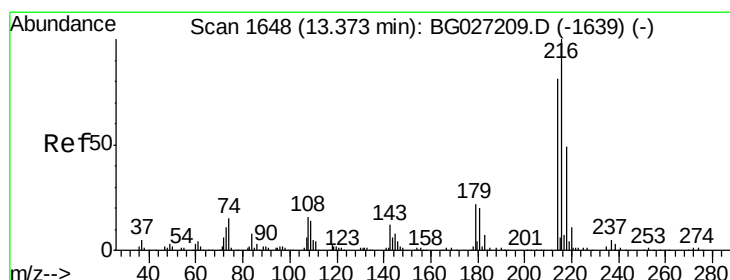
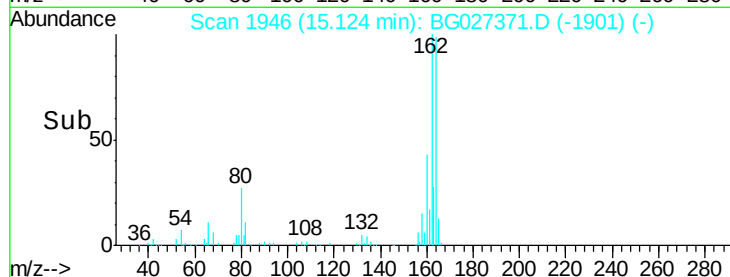
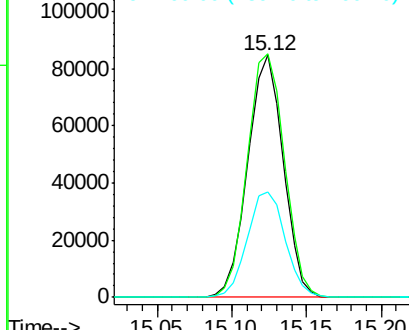


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39
1,2,4,5-Tetrachlorobenzene
Concen: 38.349 ng
RT: 13.33 min Scan# 1641
Delta R.T. -0.04 min
Lab File: BG027371.D
Acq: 10 Jun 2017 14:29

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	80.3	64.4	96.6	
179	21.6	17.4	26.0	
108	21.6	15.6	23.4	

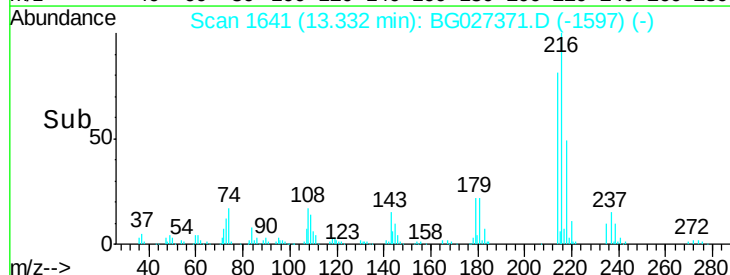
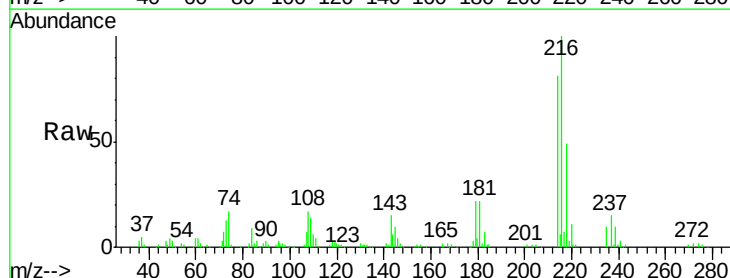
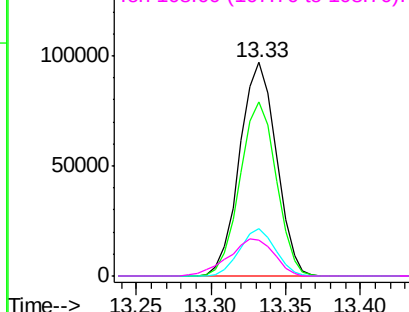
Abundance

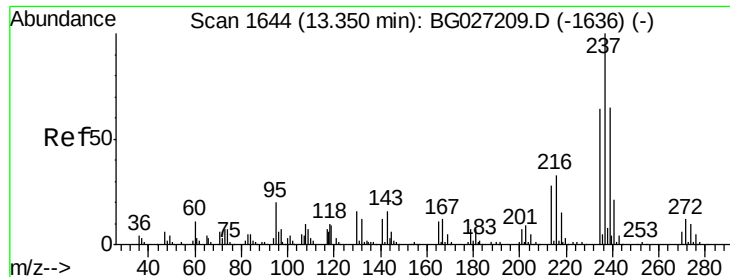
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#40

Hexachlorocyclopentadiene

Concen: 94.776 ng

RT: 13.31 min Scan# 1637

Delta R.T. -0.04 min

Lab File: BG027371.D

Acq: 10 Jun 2017 14:29

Instrument :

BNA_G

ClientSampleId :

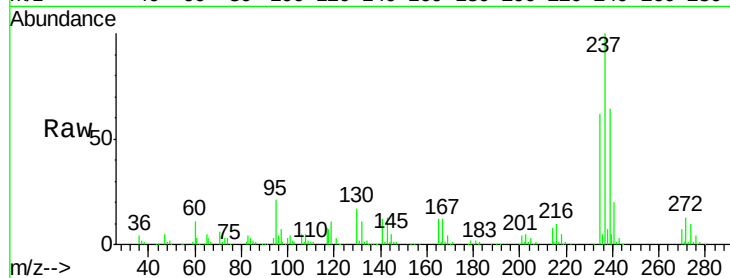
SB-04-COMP(0-10)MSD

Tgt Ion:	237	Resp:	217707
Ion Ratio		Lower	Upper
237	100		
235	62.1	39.4	79.4
272	13.3	0.0	32.0

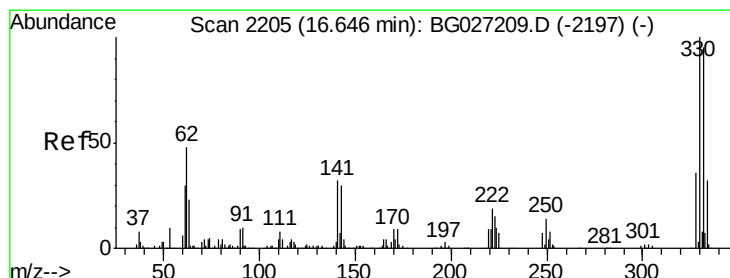
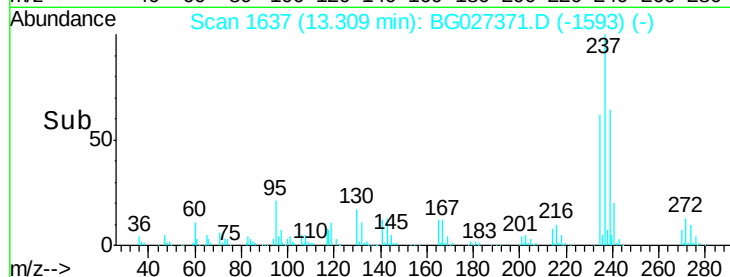
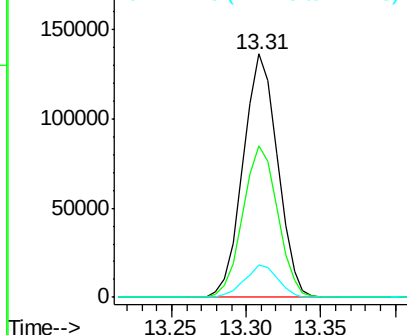
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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#41

2,4,6-Tribromophenol

Concen: 145.537 ng

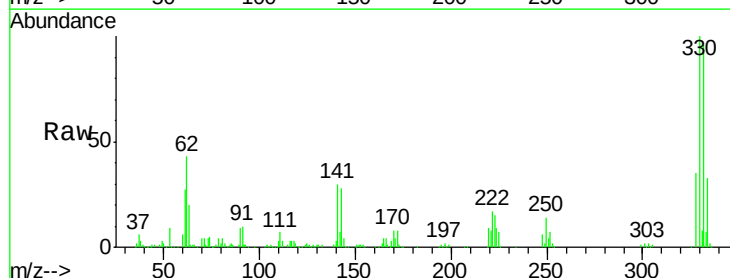
RT: 16.61 min Scan# 2199

Delta R.T. -0.04 min

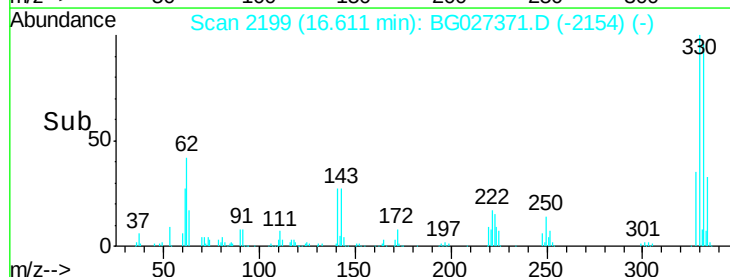
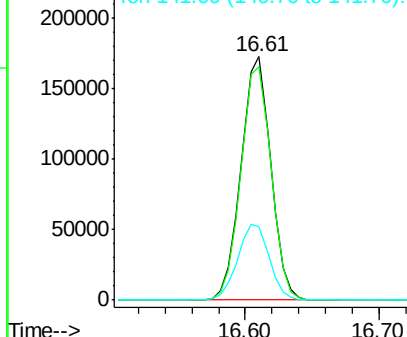
Lab File: BG027371.D

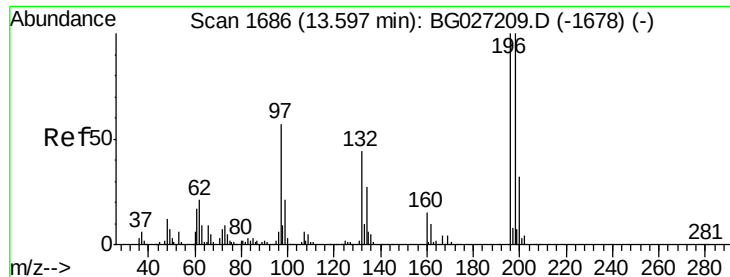
Acq: 10 Jun 2017 14:29

Tgt Ion:	330	Resp:	265502
Ion Ratio		Lower	Upper
330	100		
332	97.5	77.3	115.9
141	33.0	32.1	48.1



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





#42

2,4,6-Trichlorophenol

Concen: 45.557 ng

RT: 13.56 min Scan# 1680

Delta R.T. -0.04 min

Lab File: BG027371.D

Acq: 10 Jun 2017 14:29

Instrument :

BNA_G

ClientSampleId :

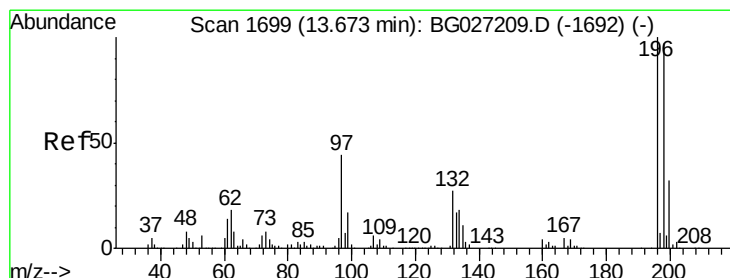
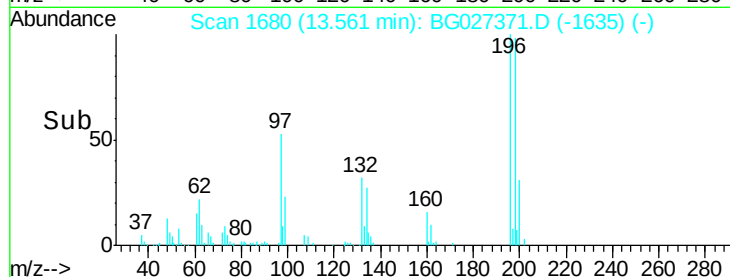
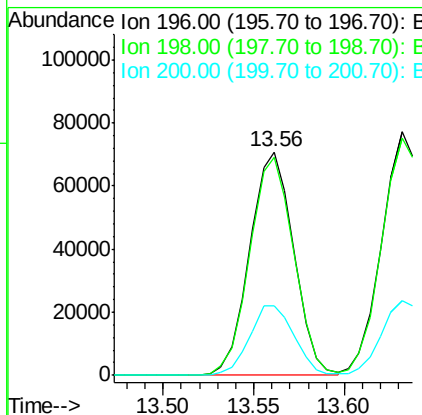
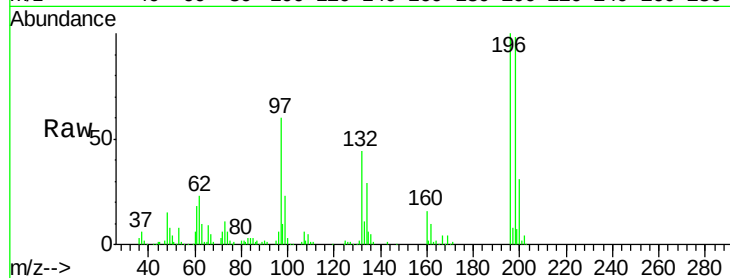
SB-04-COMP(0-10)MSD

Tgt Ion:	196	Resp:	119253
Ion Ratio	Lower	Upper	
196	100		
198	97.9	81.4	122.2
200	31.1	27.0	40.6

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#43

2,4,5-Trichlorophenol

Concen: 43.461 ng

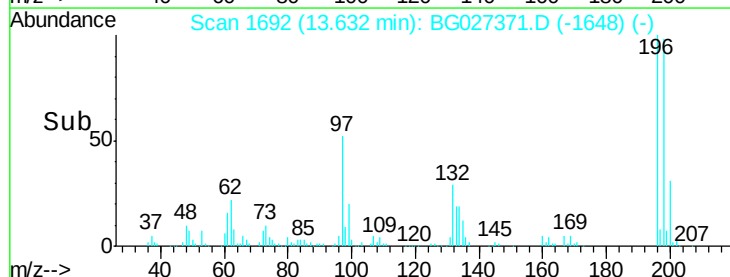
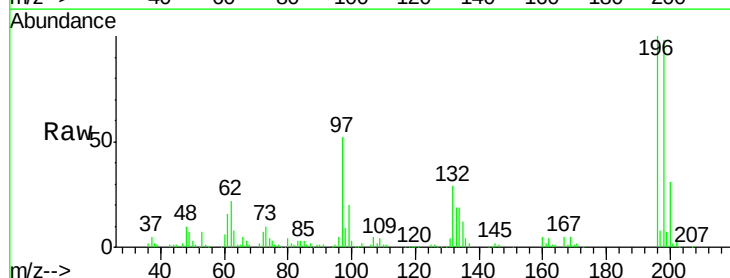
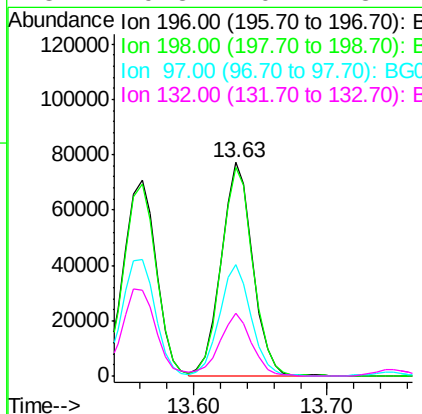
RT: 13.63 min Scan# 1692

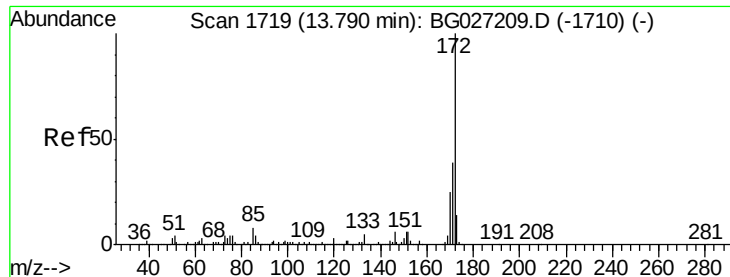
Delta R.T. -0.04 min

Lab File: BG027371.D

Acq: 10 Jun 2017 14:29

Tgt Ion:	196	Resp:	127309
Ion Ratio	Lower	Upper	
196	100		
198	97.7	79.9	119.9
97	52.1	45.4	68.0
132	29.3	20.7	31.1





#44
2-Fluorobiphenyl
Concen: 77.720 ng
RT: 13.75 min Scan# 1712
Delta R.T. -0.04 min
Lab File: BG027371.D
Acq: 10 Jun 2017 14:29

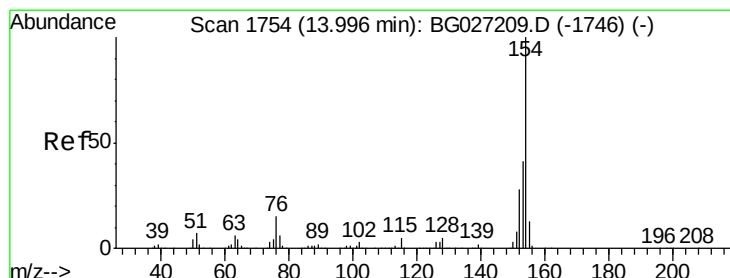
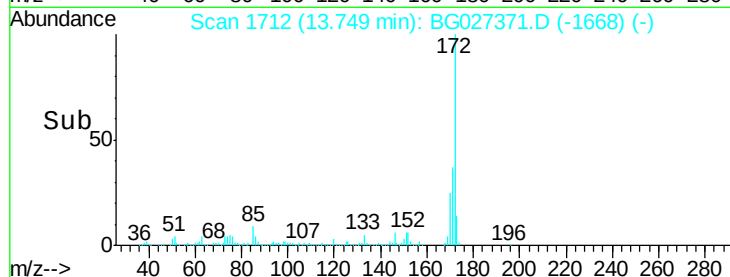
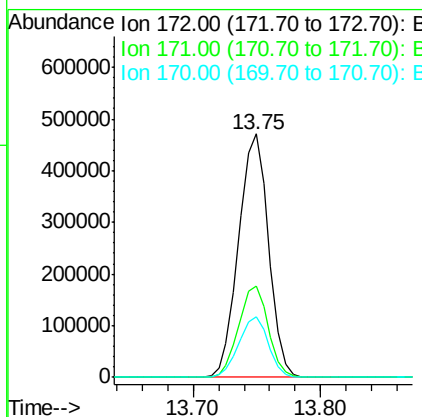
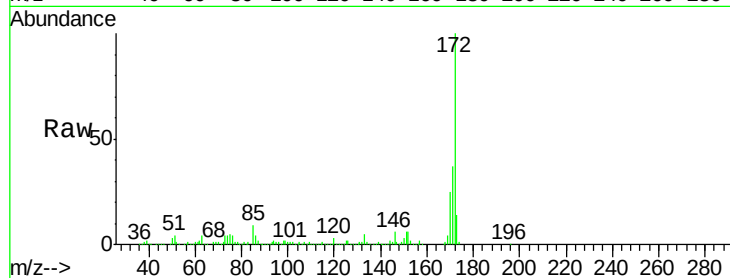
Instrument :
BNA_G
ClientSampleId :
SB-04-COMP(0-10)MSD

Tgt Ion:	172	Resp:	769642
Ion Ratio	Lower	Upper	
172	100		
171	37.4	32.2	48.2
170	24.8	21.8	32.6

Manual Integrations
APPROVED

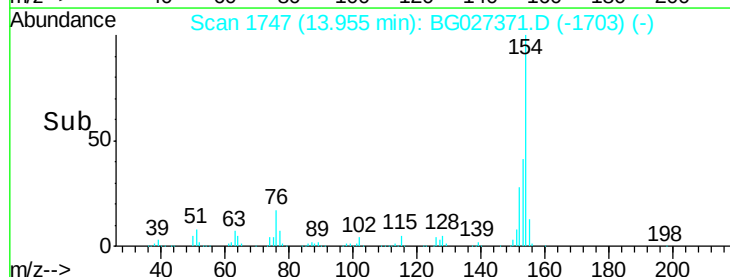
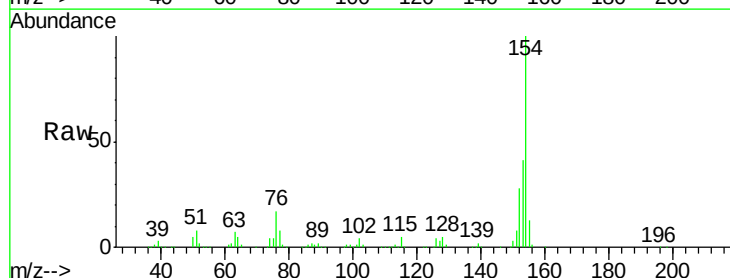
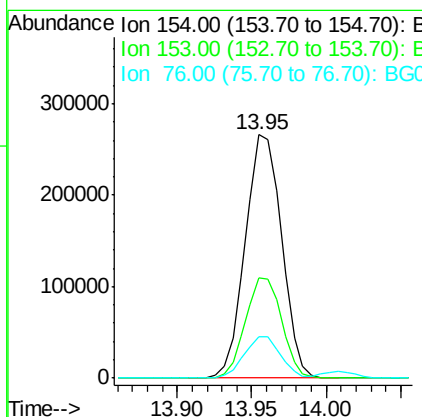
mohammad

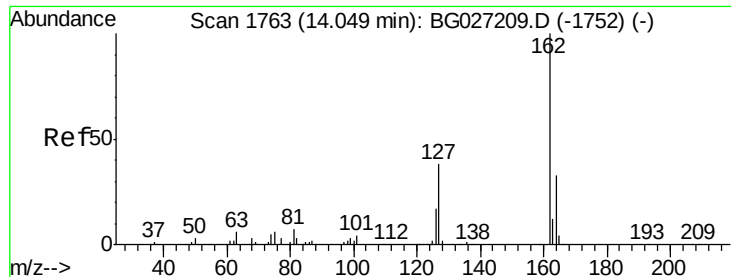
6/13/2017 10:16:23 AM



#45
1,1'-Biphenyl
Concen: 39.575 ng
RT: 13.95 min Scan# 1747
Delta R.T. -0.04 min
Lab File: BG027371.D
Acq: 10 Jun 2017 14:29

Tgt Ion:	154	Resp:	447505
Ion Ratio	Lower	Upper	
154	100		
153	41.1	23.0	63.0
76	17.2	0.0	33.5





#46
2-Chloronaphthalene
Concen: 40.597 ng
RT: 14.01 min Scan# 1756
Delta R.T. -0.04 min
Lab File: BG027371.D
Acq: 10 Jun 2017 14:29

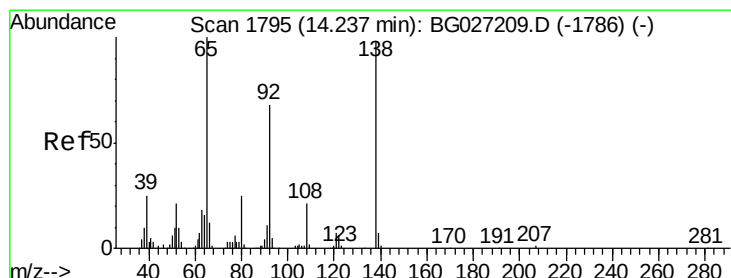
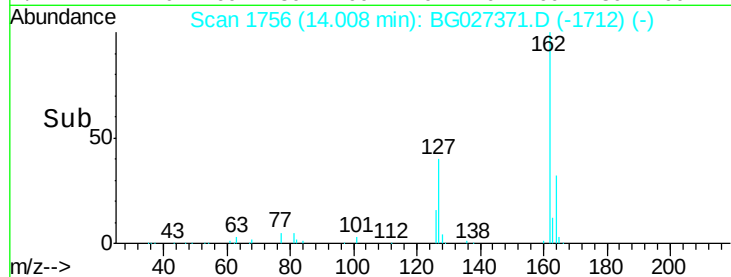
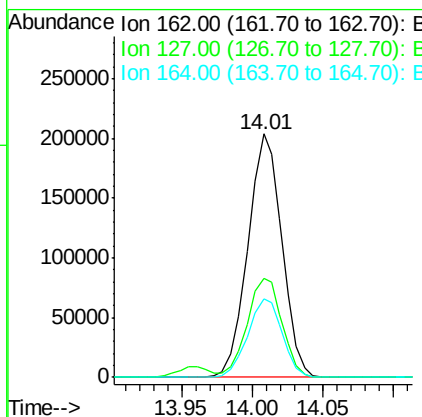
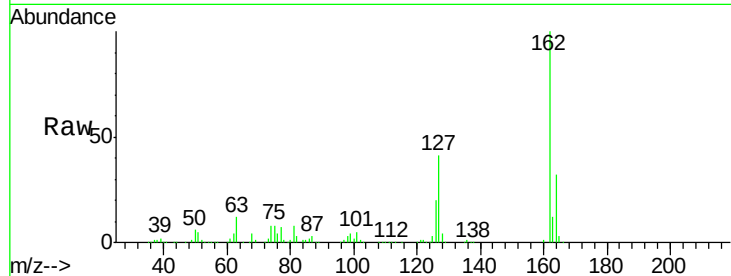
Instrument :
BNA_G
ClientSampleId :
SB-04-COMP(0-10)MSD

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.9	32.2	48.4
164	32.1	27.3	40.9

Manual Integrations
APPROVED

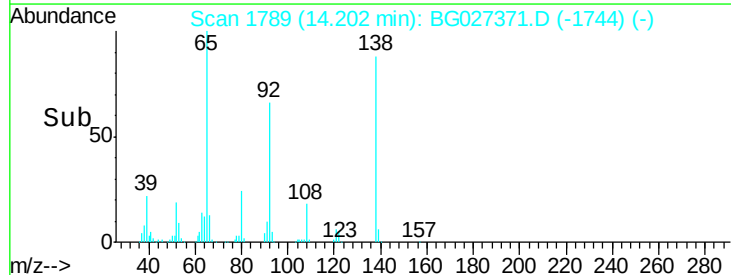
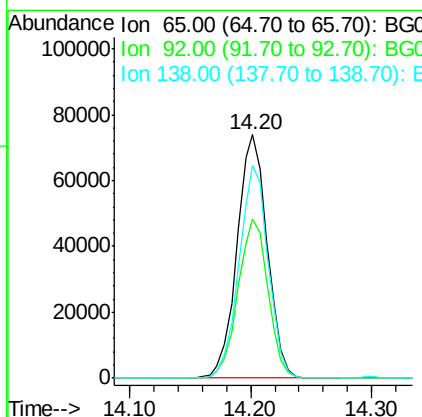
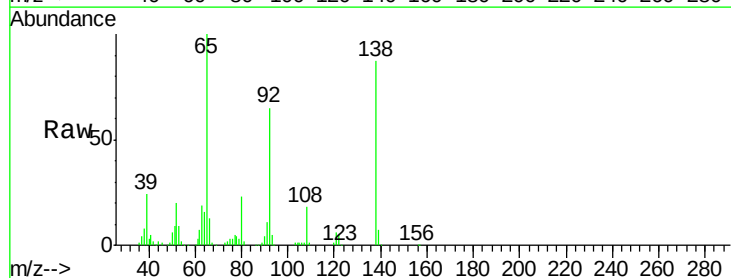
mohammad

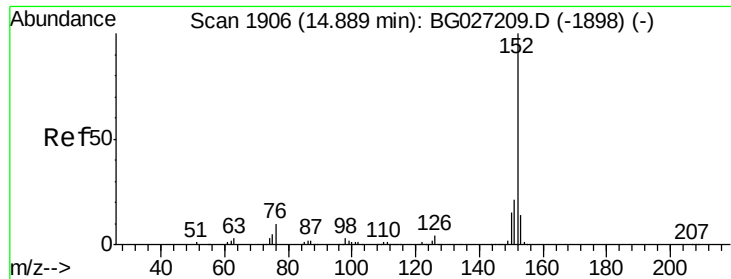
6/13/2017 10:16:23 AM



#47
2-Nitroaniline
Concen: 52.431 ng
RT: 14.20 min Scan# 1789
Delta R.T. -0.04 min
Lab File: BG027371.D
Acq: 10 Jun 2017 14:29

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.3	49.0	73.4
138	87.4	58.6	87.8





#48

Acenaphthylene

Concen: 38.689 ng

RT: 14.85 min Scan# 1899

Delta R.T. -0.04 min

Lab File: BG027371.D

Acq: 10 Jun 2017 14:29

Instrument :

BNA_G

ClientSampleId :

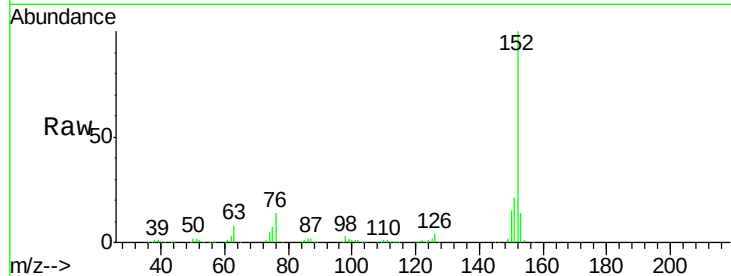
SB-04-COMP(0-10)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	555120		
151	21.1	18.2	27.2	
153	13.5	11.3	16.9	

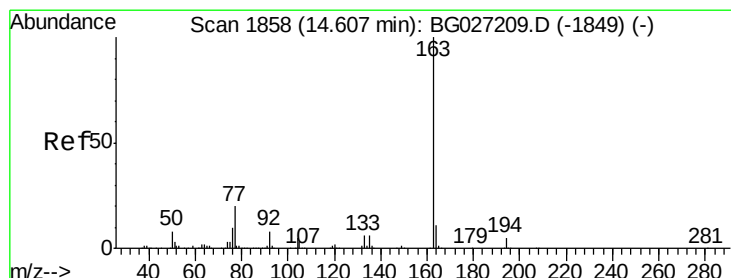
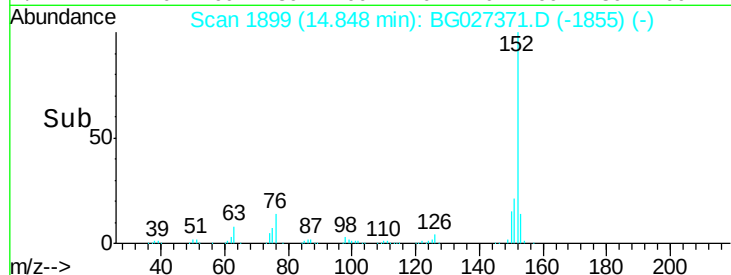
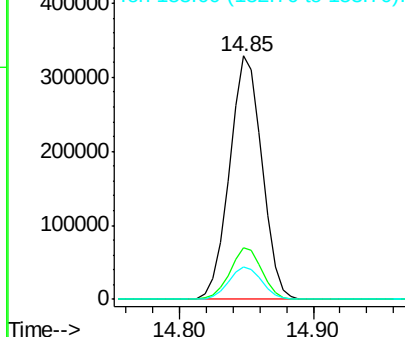
Manual Integrations
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 54.662 ng

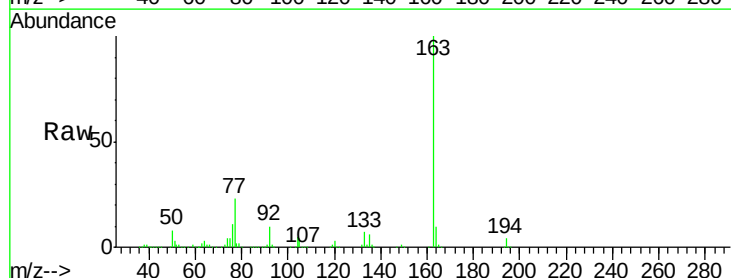
RT: 14.56 min Scan# 1850

Delta R.T. -0.05 min

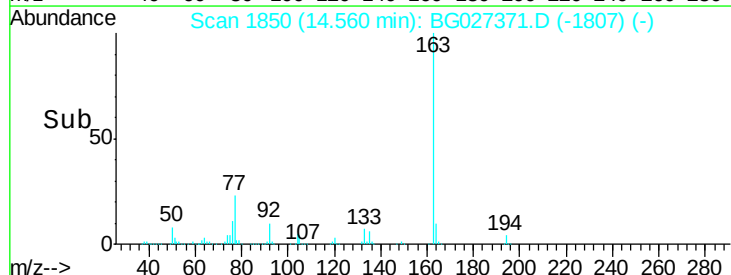
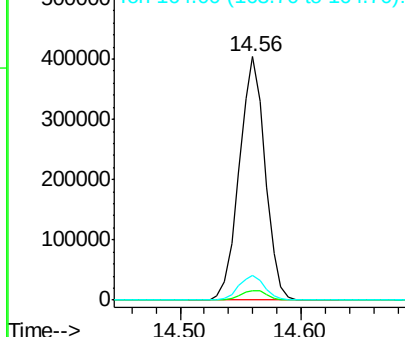
Lab File: BG027371.D

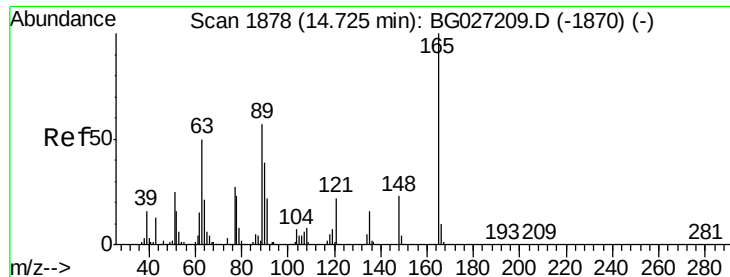
Acq: 10 Jun 2017 14:29

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	600727		
194	4.1	3.8	5.6	
164	10.3	9.3	13.9	



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#50
2,6-Dinitrotoluene
Concen: 42.465 ng
RT: 14.68 min Scan# 1871
Delta R.T. -0.04 min
Lab File: BG027371.D
Acq: 10 Jun 2017 14:29

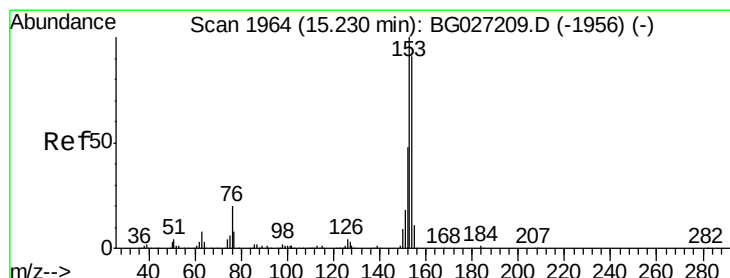
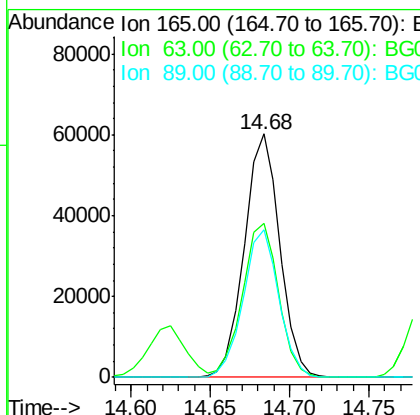
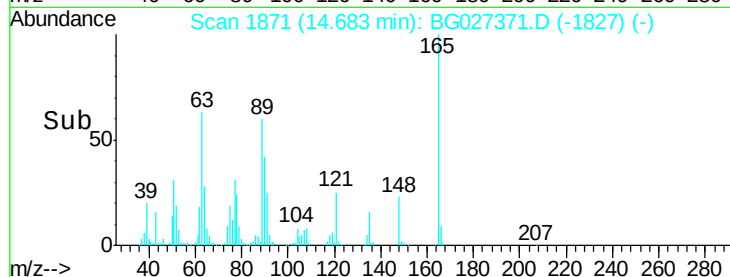
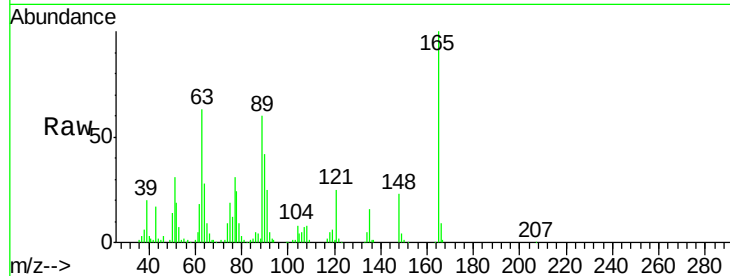
Instrument :
BNA_G
ClientSampleId :
SB-04-COMP(0-10)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	93170		
63	63.4	63.9	95.9#	
89	60.5	58.6	88.0	

Manual Integrations
APPROVED

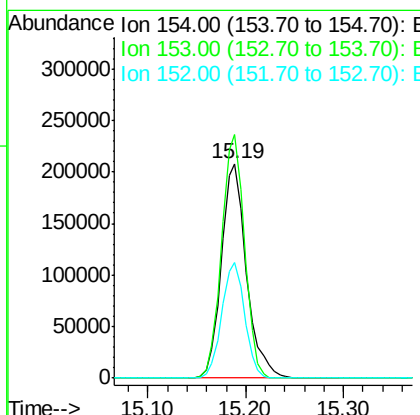
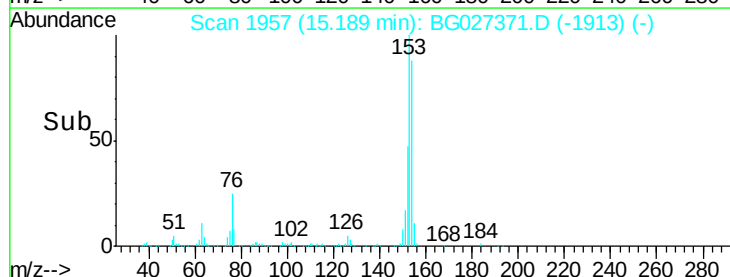
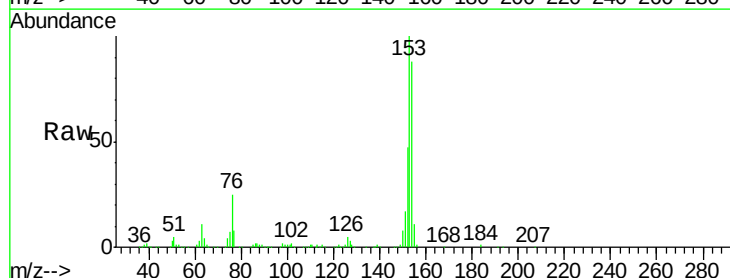
mohammad

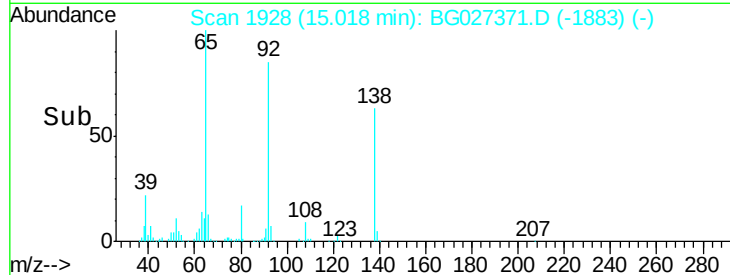
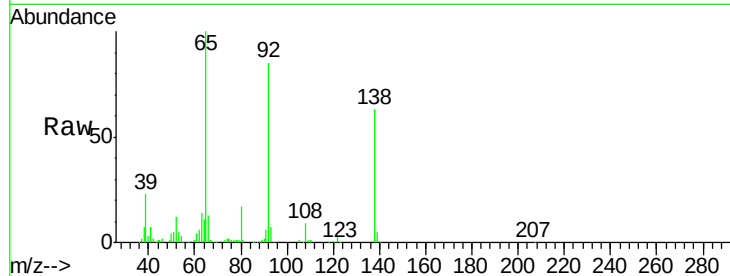
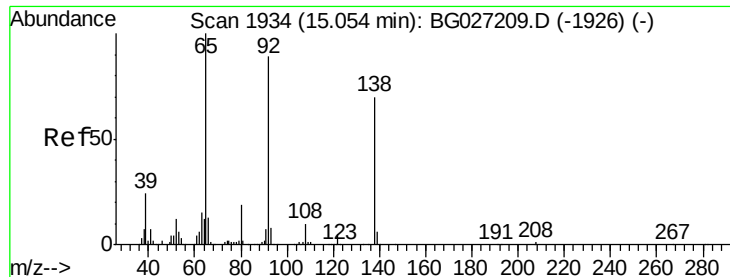
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#51
Acenaphthene
Concen: 39.508 ng
RT: 15.19 min Scan# 1957
Delta R.T. -0.04 min
Lab File: BG027371.D
Acq: 10 Jun 2017 14:29

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	368729		
153	113.4	87.8	131.6	
152	53.7	42.2	63.4	





#52
3-Nitroaniline
Concen: 37.926 ng
RT: 15.02 min Scan# 1928
Delta R.T. -0.03 min
Lab File: BG027371.D
Acq: 10 Jun 2017 14:29

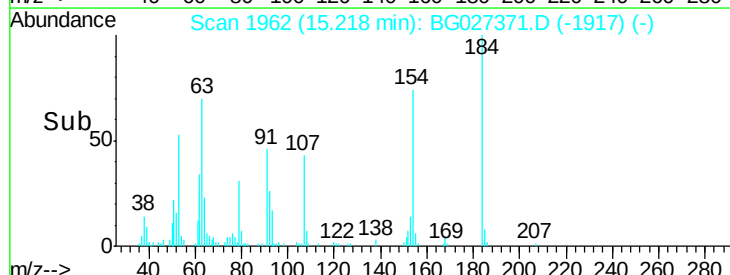
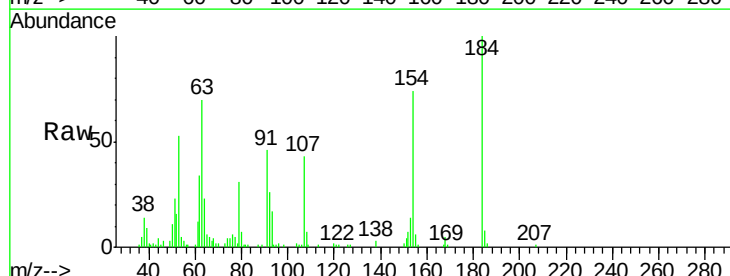
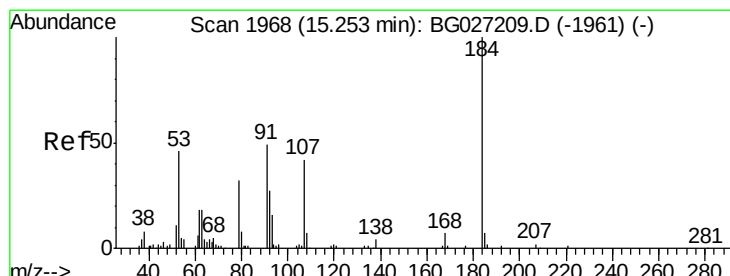
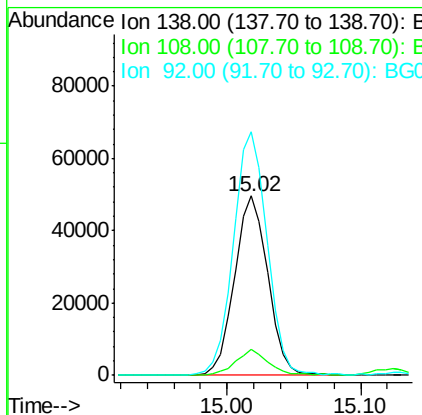
Tgt Ion:	138	Resp:	85632
Ion Ratio	Lower	Upper	
138	100		
108	14.3	10.9	16.3
92	135.9	115.3	172.9

Instrument :
BNA_G
ClientSampleId :
SB-04-COMP(0-10)MSD

Manual Integrations
APPROVED

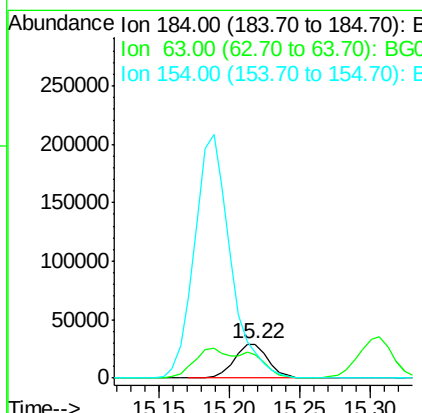
mohammad

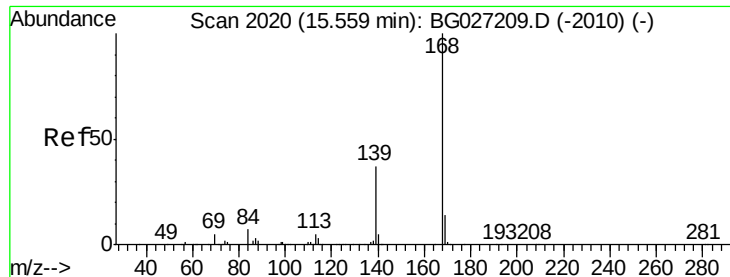
6/13/2017 10:16:23 AM



#53
2,4-Dinitrophenol
Concen: 54.198 ng
RT: 15.22 min Scan# 1962
Delta R.T. -0.03 min
Lab File: BG027371.D
Acq: 10 Jun 2017 14:29

Tgt Ion:	184	Resp:	49355
Ion Ratio	Lower	Upper	
184	100		
63	69.6	52.7	79.1
154	74.3	57.3	85.9





#54

Dibenzenofuran

Concen: 41.938 ng

RT: 15.52 min Scan# 2013

Delta R.T. -0.04 min

Lab File: BG027371.D

Acq: 10 Jun 2017 14:29

Instrument :

BNA_G

ClientSampleId :

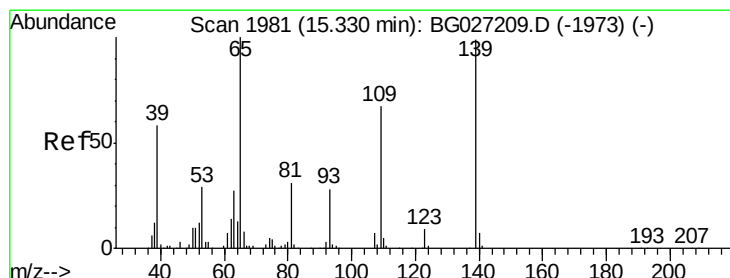
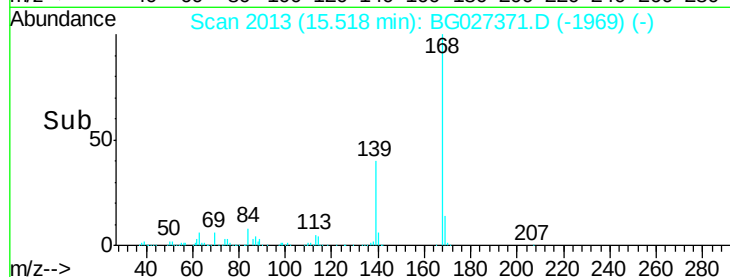
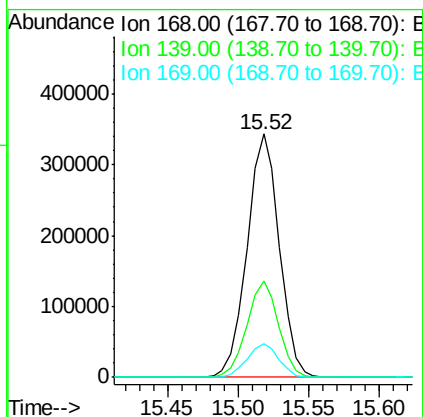
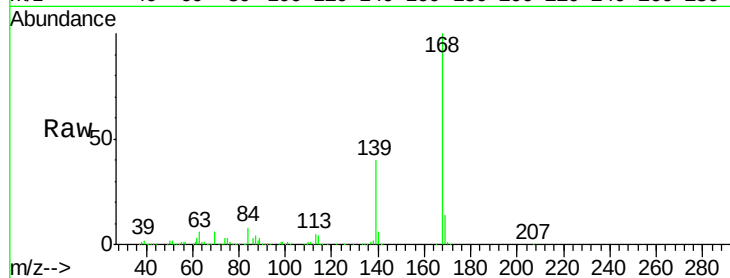
SB-04-COMP(0-10)MSD

Tgt Ion:	168	Resp:	546958
Ion Ratio	Lower	Upper	
168	100		
139	39.5	35.3	52.9
169	13.6	11.5	17.3

Manual Integrations
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mohammad

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#55

4-Nitrophenol

Concen: 91.302 ng

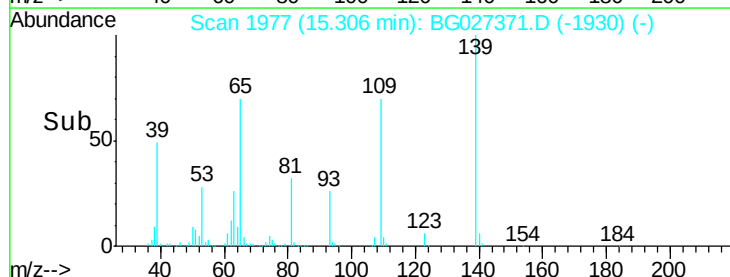
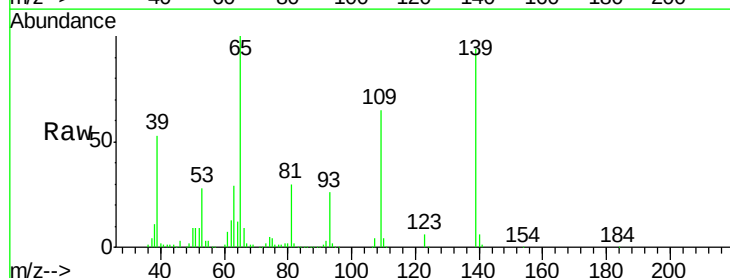
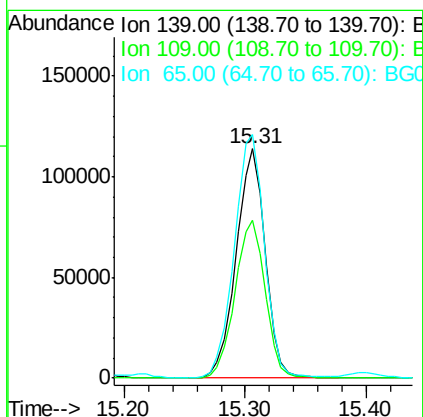
RT: 15.31 min Scan# 1977

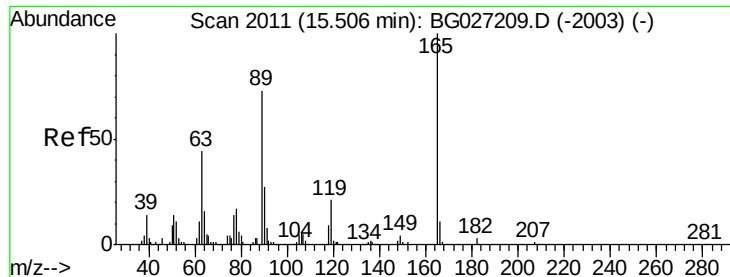
Delta R.T. -0.02 min

Lab File: BG027371.D

Acq: 10 Jun 2017 14:29

Tgt Ion:	139	Resp:	191478
Ion Ratio	Lower	Upper	
139	100		
109	68.9	101.2	141.2#
65	106.2	135.3	175.3#





#56
2,4-Dinitrotoluene
Concen: 46.332 ng
RT: 15.46 min Scan# 2004
Delta R.T. -0.04 min
Lab File: BG027371.D
Acq: 10 Jun 2017 14:29

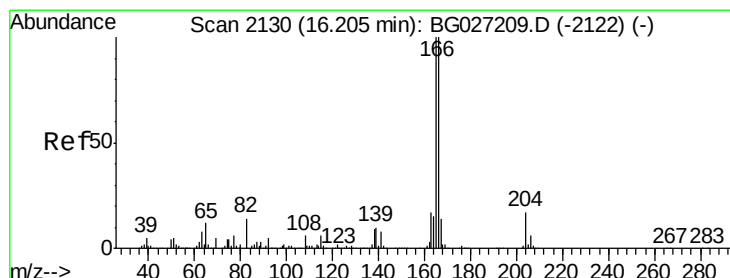
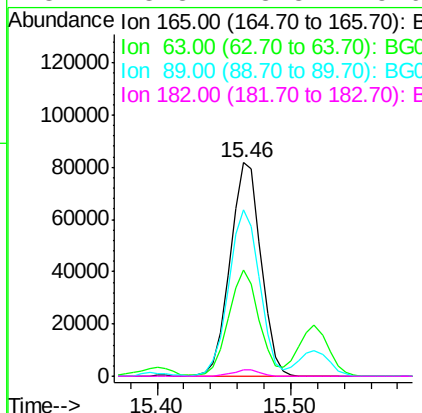
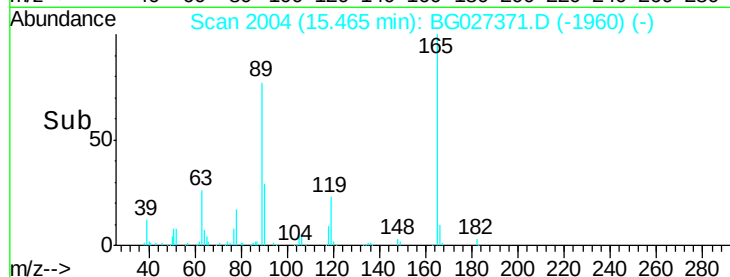
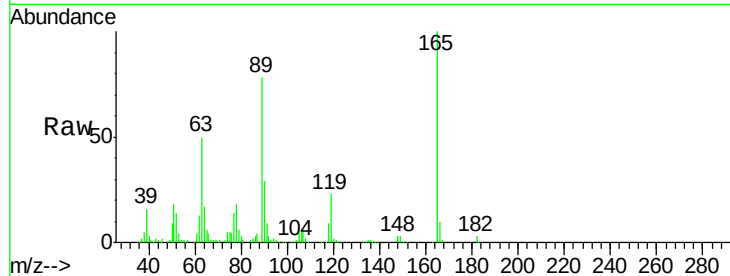
Instrument :
BNA_G
ClientSampleId :
SB-04-COMP(0-10)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	131525		
63	49.6	44.0	66.0	
89	77.9	67.3	100.9	
182	3.3	3.8	5.6	#

Manual Integrations
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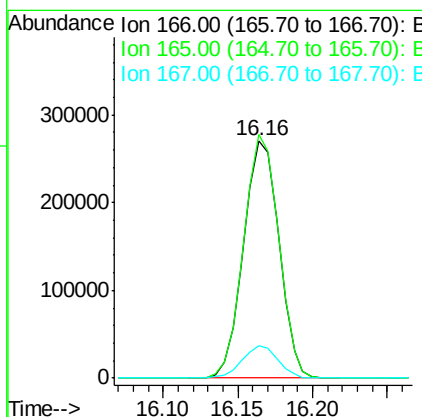
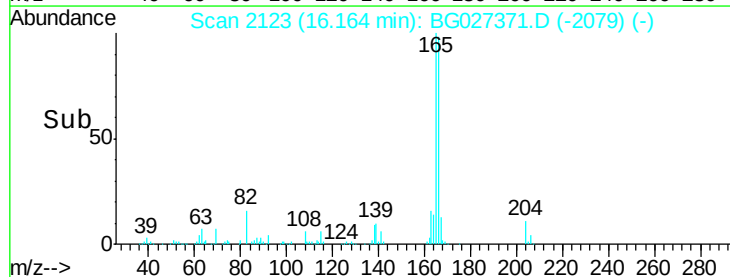
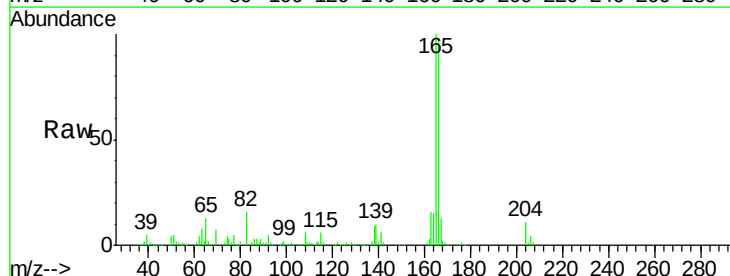
mohammad

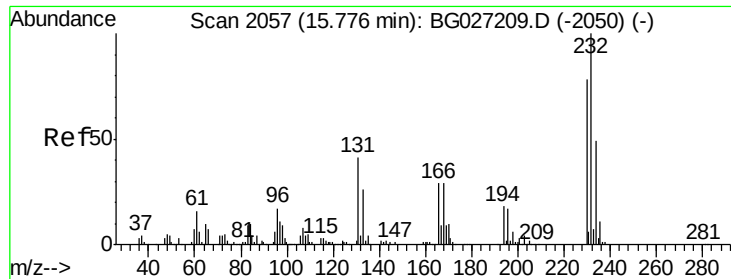
6/13/2017 10:16:23 AM



#57
Fluorene
Concen: 38.420 ng
RT: 16.16 min Scan# 2123
Delta R.T. -0.04 min
Lab File: BG027371.D
Acq: 10 Jun 2017 14:29

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	445064		
165	102.4	78.6	117.8	
167	13.8	11.6	17.4	





#58
2,3,4,6-Tetrachlorophenol
Concen: 48.892 ng
RT: 15.74 min Scan# 2050
Delta R.T. -0.04 min
Lab File: BG027371.D
Acq: 10 Jun 2017 14:29

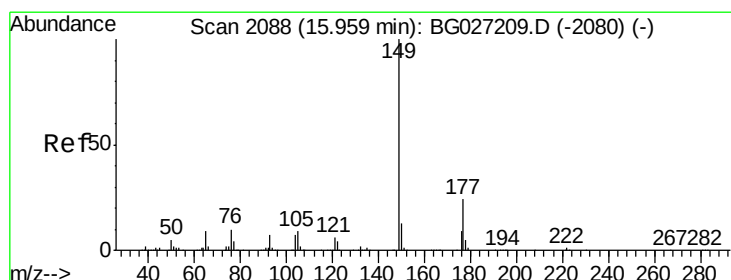
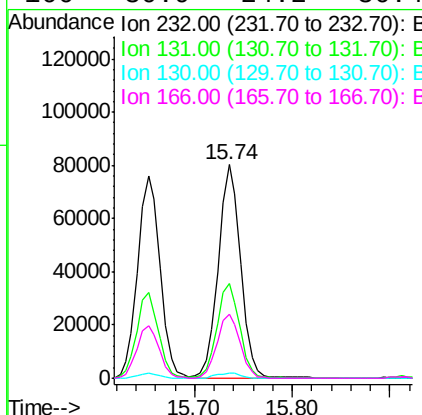
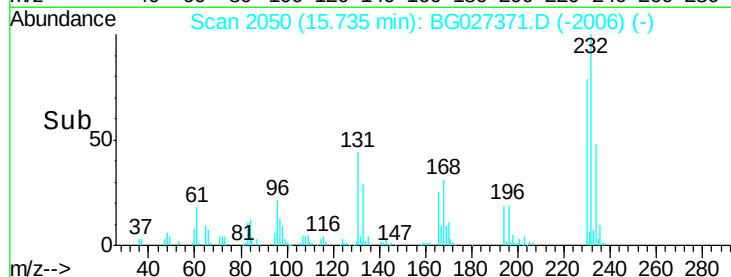
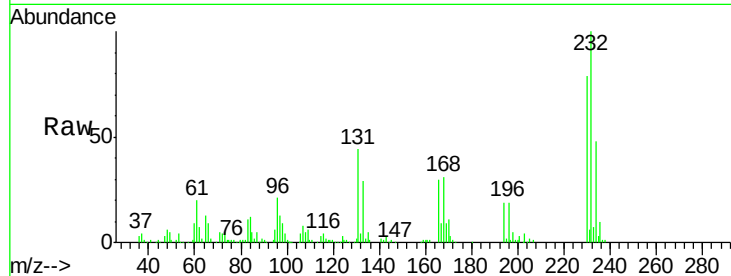
Instrument :
BNA_G
ClientSampleId :
SB-04-COMP(0-10)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	127845		
131	44.9		34.9	52.3
130	2.6		2.3	3.5
166	30.9		24.2	36.4

Manual Integrations
APPROVED

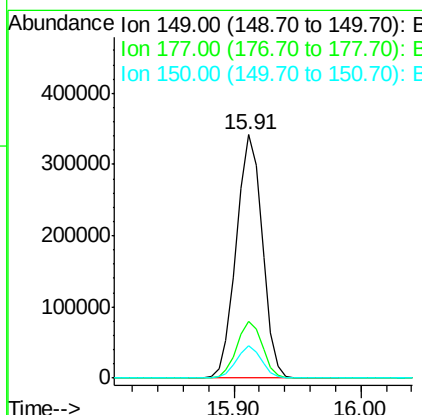
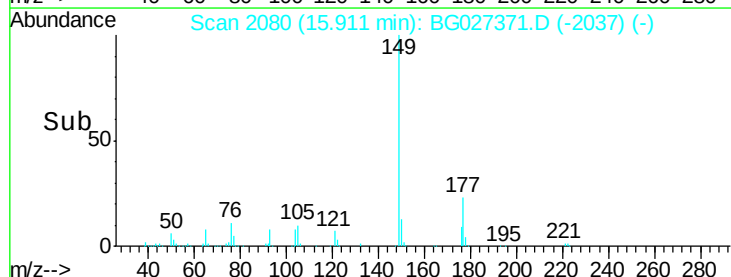
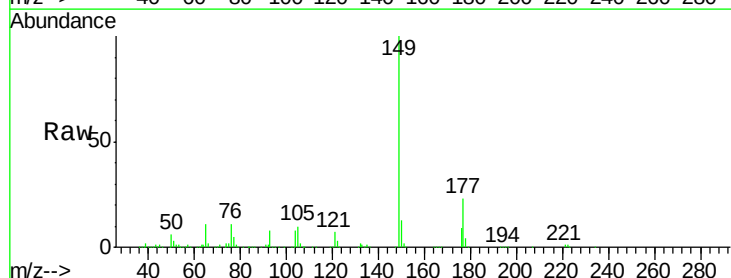
mohammad

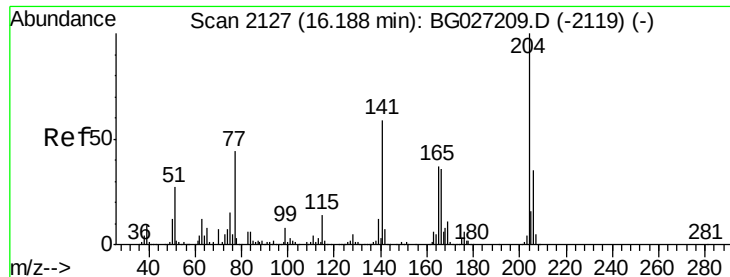
6/13/2017 10:16:23 AM



#59
Diethylphthalate
Concen: 44.182 ng
RT: 15.91 min Scan# 2080
Delta R.T. -0.05 min
Lab File: BG027371.D
Acq: 10 Jun 2017 14:29

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	484311		
177	23.1		20.1	30.1
150	13.1		10.2	15.2





#60
 4-Chlorophenyl-phenylether
 Concen: 39.136 ng
 RT: 16.15 min Scan# 2120
 Delta R.T. -0.04 min
 Lab File: BG027371.D
 Acq: 10 Jun 2017 14:29

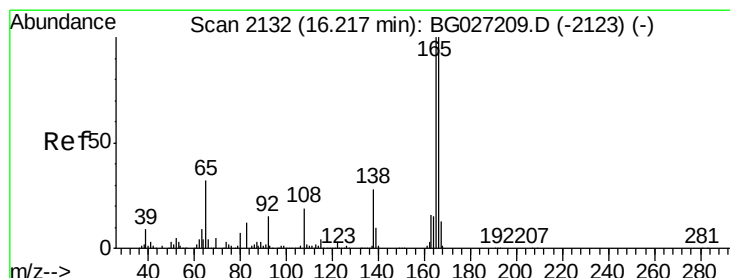
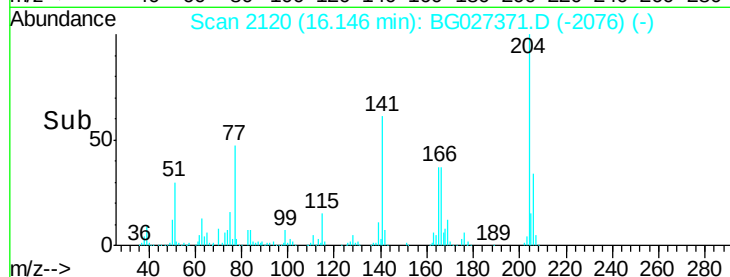
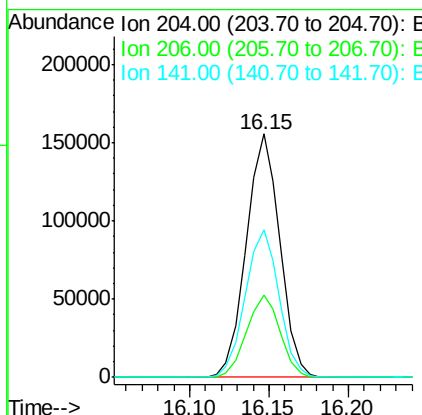
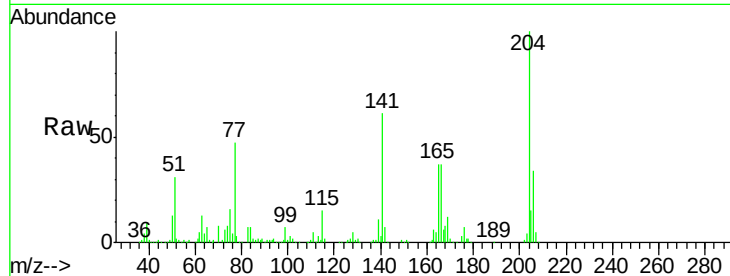
Instrument :
 BNA_G
 ClientSampleId :
 SB-04-COMP(0-10)MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
204	100		
206	33.8	30.1	45.1
141	60.8	50.6	76.0

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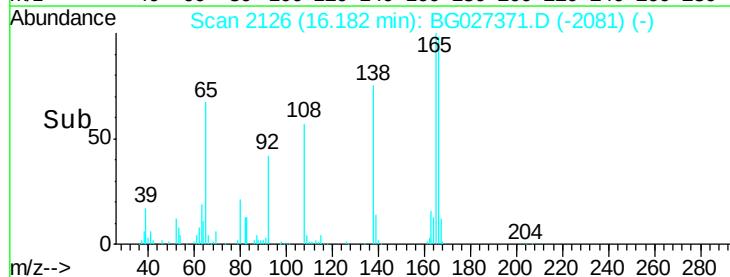
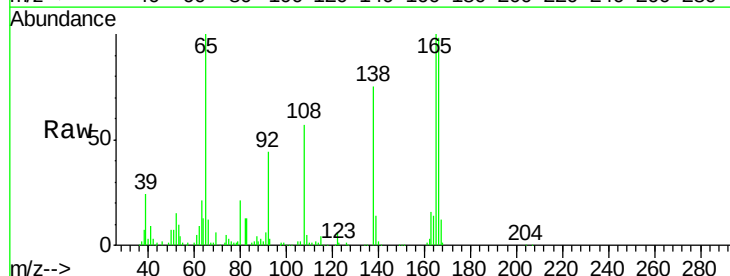
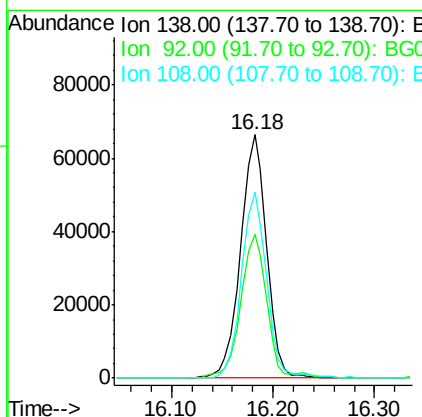
mohammad

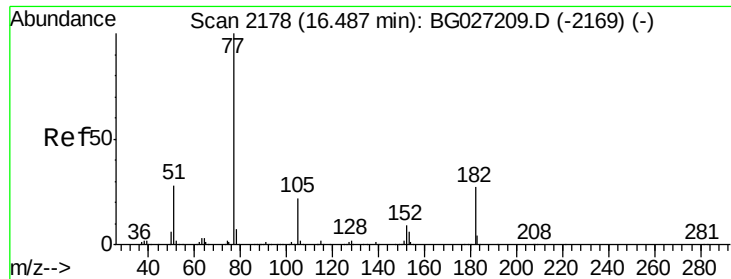
6/13/2017 10:16:23 AM



#61
 4-Nitroaniline
 Concen: 49.696 ng
 RT: 16.18 min Scan# 2126
 Delta R.T. -0.04 min
 Lab File: BG027371.D
 Acq: 10 Jun 2017 14:29

Tgt Ion	Ratio	Resp Lower	Resp Upper
138	100		
92	59.1	44.2	84.2
108	76.3	104.8	144.8#





#62

Azobenzene

Concen: 49.881 ng

RT: 16.44 min Scan# 2170

Delta R.T. -0.05 min

Lab File: BG027371.D

Acq: 10 Jun 2017 14:29

Instrument :

BNA_G

ClientSampleId :

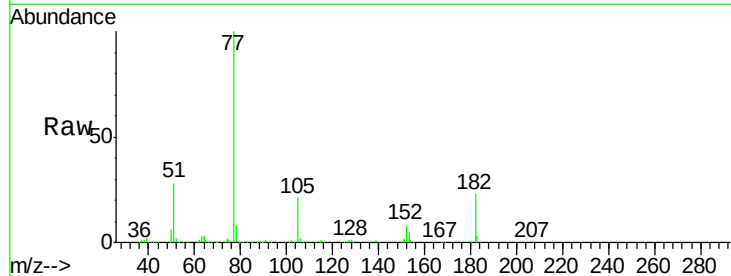
SB-04-COMP(0-10)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	506776		
182	23.0	4.7	44.7	
105	21.1	0.0	36.3	
51	27.6	16.4	56.4	

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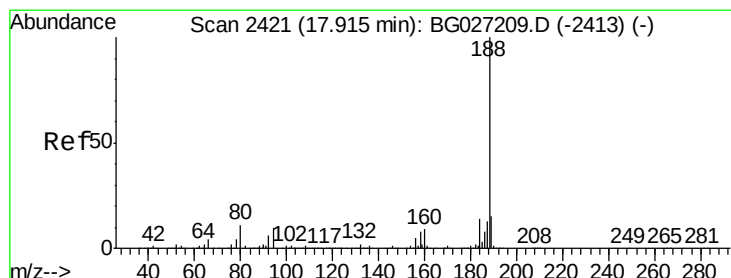
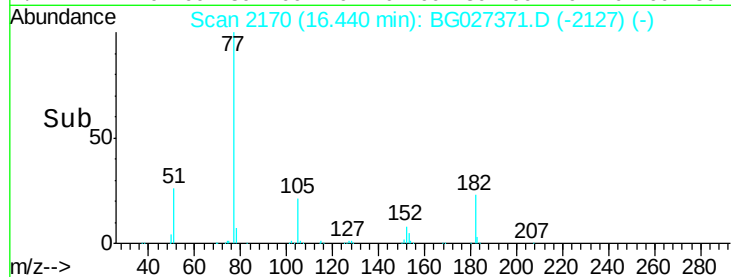
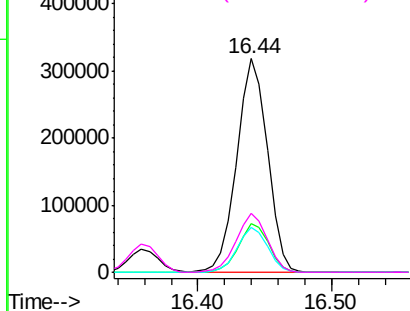


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.87 min Scan# 2414

Delta R.T. -0.04 min

Lab File: BG027371.D

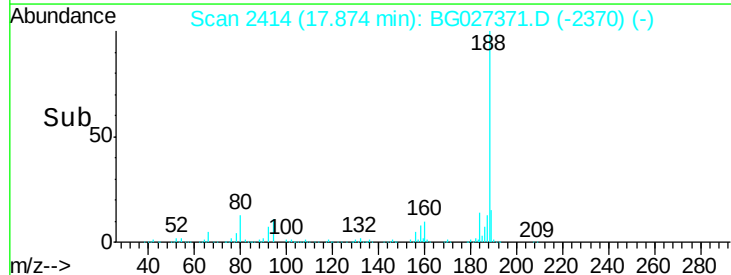
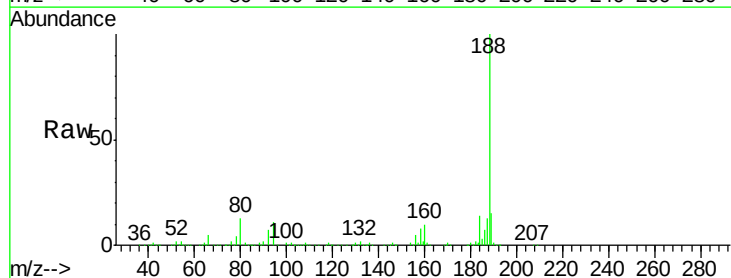
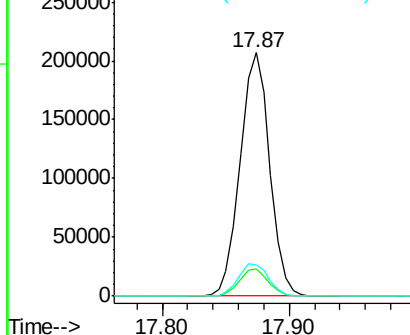
Acq: 10 Jun 2017 14:29

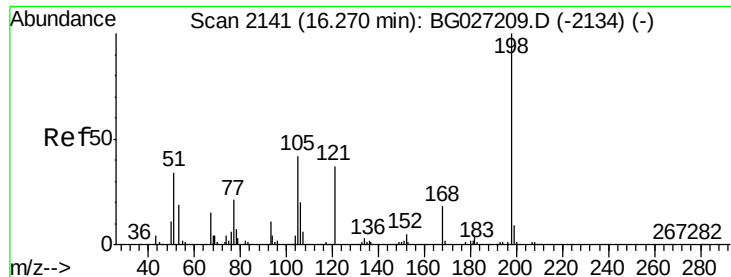
Tgt Ion	Ratio	Resp	Lower	Upper
188	100	333872		
94	11.4	5.8	8.8#	
80	12.9	7.5	11.3#	

Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#64

4,6-Dinitro-2-methylphenol

Concen: 47.523 ng

RT: 16.23 min Scan# 2134

Delta R.T. -0.04 min

Lab File: BG027371.D

Acq: 10 Jun 2017 14:29

Instrument :

BNA_G

ClientSampleId :

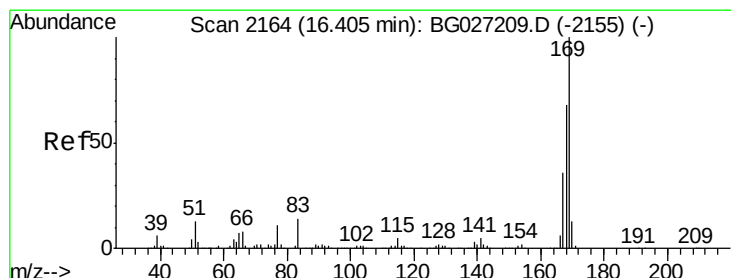
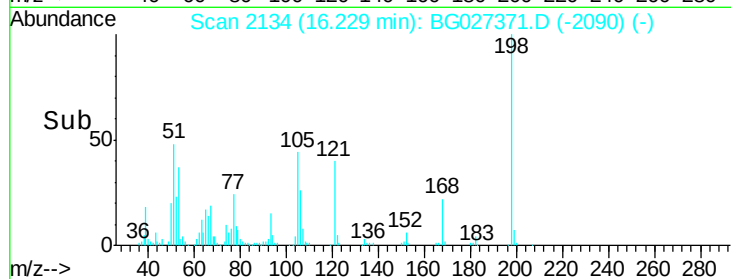
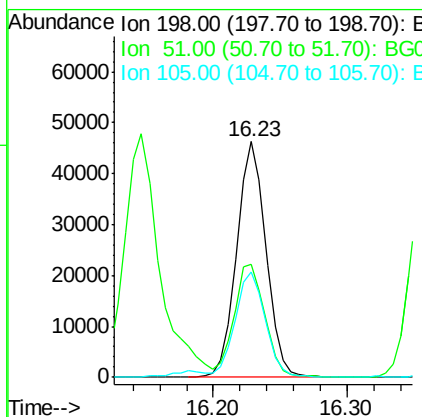
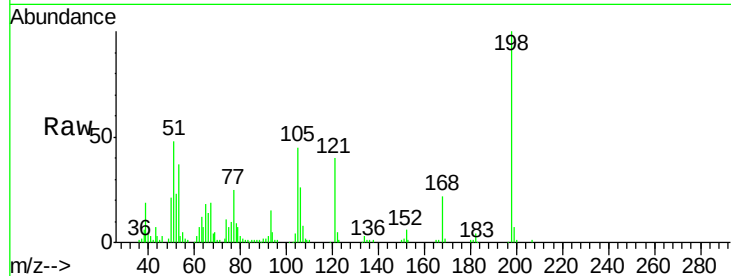
SB-04-COMP(0-10)MSD

Tgt Ion:	198	Resp:	70201
Ion Ratio	Lower	Upper	
198	100		
51	48.3	22.6	62.6
105	44.6	14.4	54.4

Manual Integrations
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#65

n-Nitrosodiphenylamine

Concen: 39.152 ng

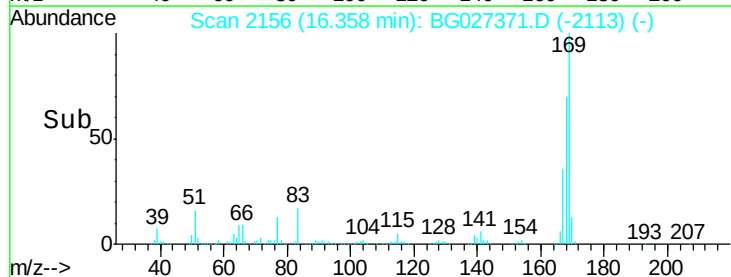
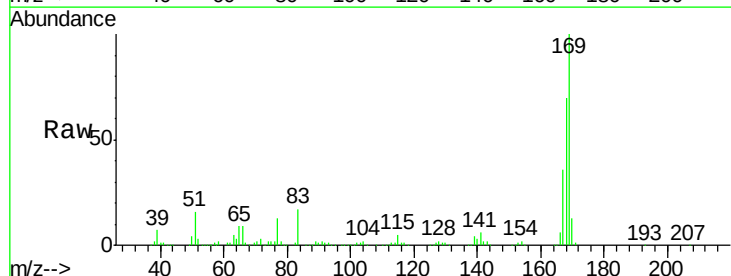
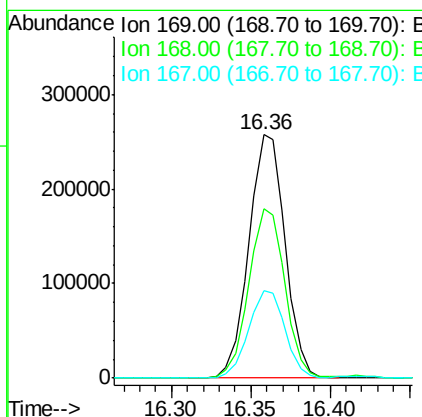
RT: 16.36 min Scan# 2156

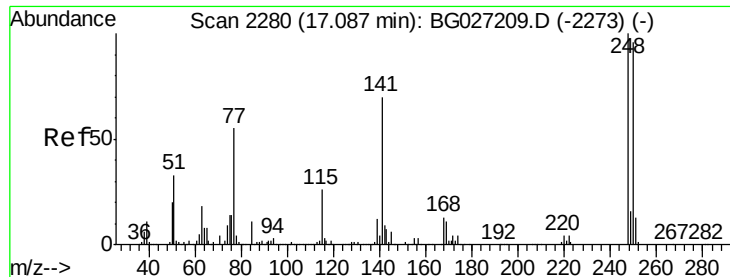
Delta R.T. -0.05 min

Lab File: BG027371.D

Acq: 10 Jun 2017 14:29

Tgt Ion:	169	Resp:	409814
Ion Ratio	Lower	Upper	
169	100		
168	69.6	55.7	83.5
167	35.8	29.8	44.6





#66
 4-Bromophenyl-phenylether
 Concen: 38.320 ng
 RT: 17.05 min Scan# 2273
 Delta R.T. -0.04 min
 Lab File: BG027371.D
 Acq: 10 Jun 2017 14:29

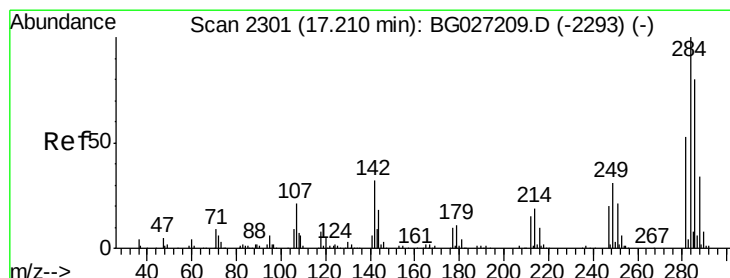
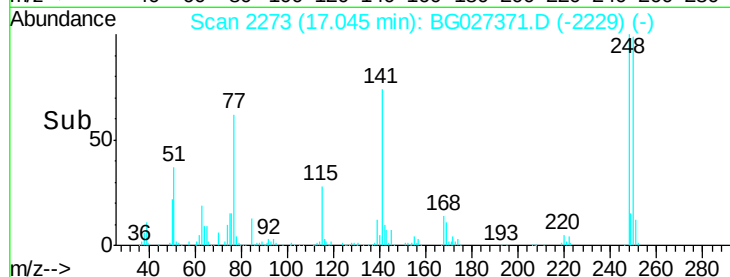
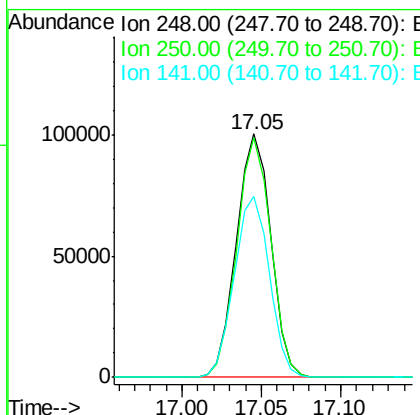
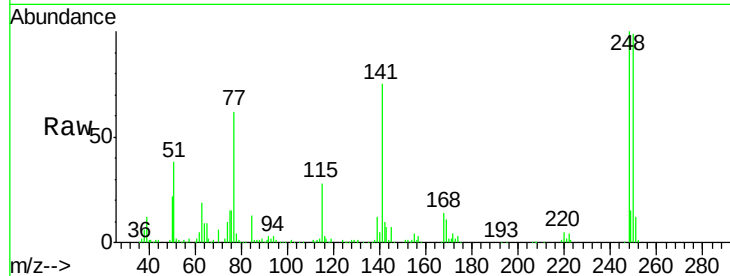
Instrument :
 BNA_G
 ClientSampleId :
 SB-04-COMP(0-10)MSD

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.7	75.0	112.6
141	74.6	55.2	82.8

Manual Integrations
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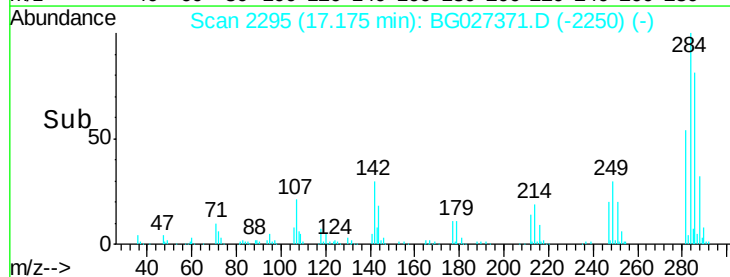
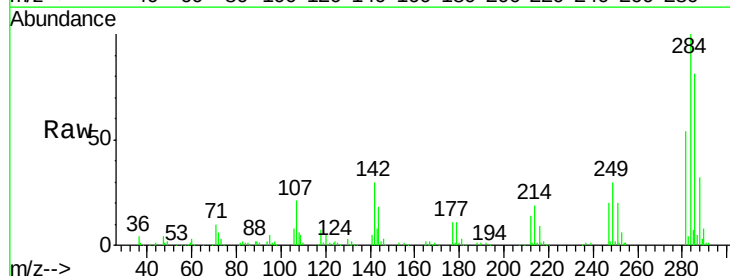
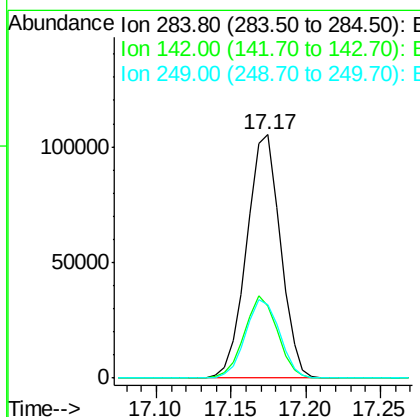
mohammad

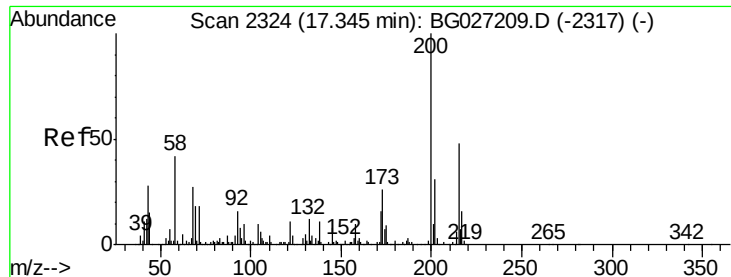
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#67
 Hexachlorobenzene
 Concen: 38.668 ng
 RT: 17.17 min Scan# 2295
 Delta R.T. -0.04 min
 Lab File: BG027371.D
 Acq: 10 Jun 2017 14:29

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.7	29.9	44.9#
249	30.3	29.2	43.8





#68
Atrazine
Concen: 45.088 ng
RT: 17.30 min Scan# 2316
Delta R.T. -0.05 min
Lab File: BG027371.D
Acq: 10 Jun 2017 14:29

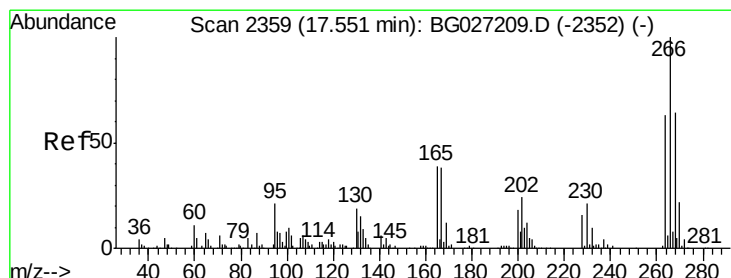
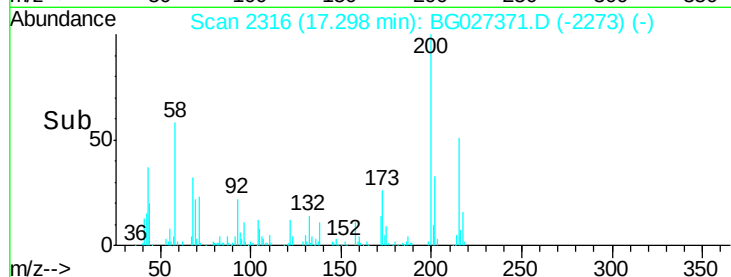
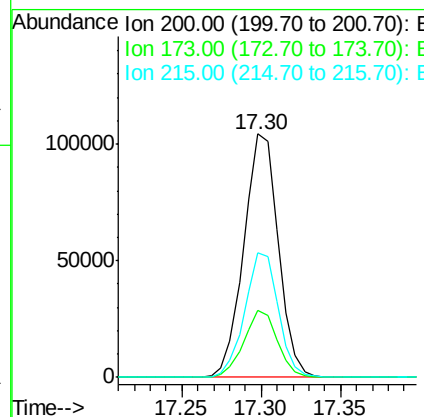
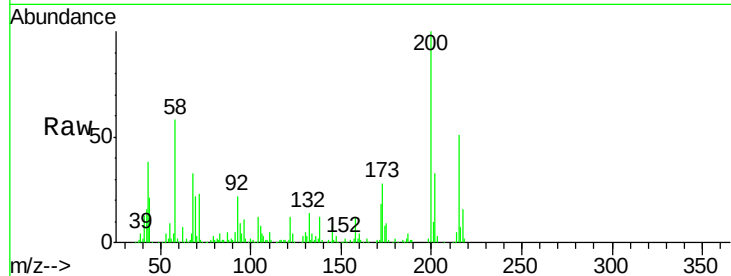
Instrument :
BNA_G
ClientSampleId :
SB-04-COMP(0-10)MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	27.7	3.0	43.0
215	50.9	28.4	68.4

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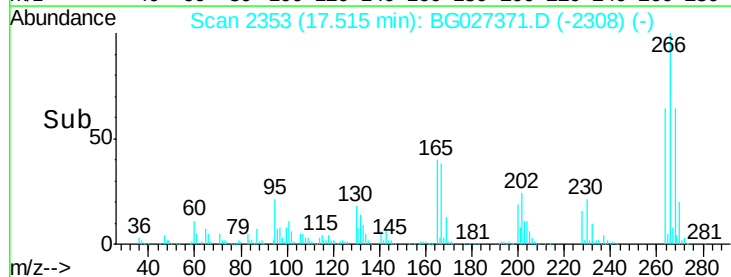
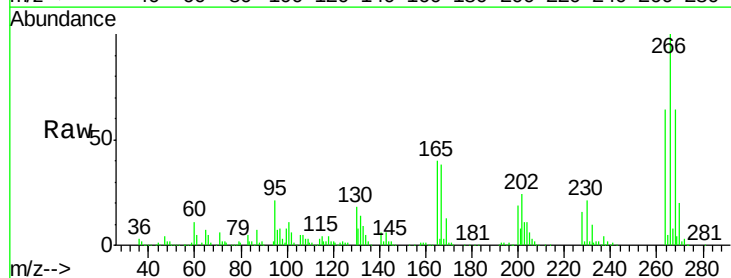
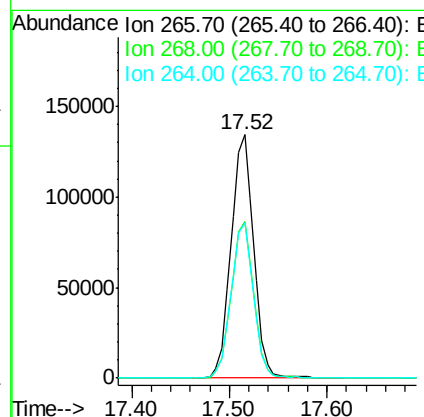
mohammad

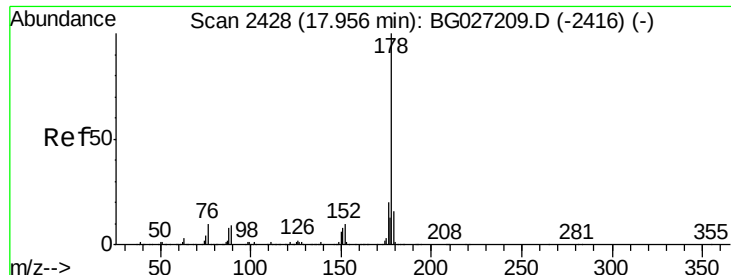
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#69
Pentachlorophenol
Concen: 86.587 ng
RT: 17.52 min Scan# 2353
Delta R.T. -0.03 min
Lab File: BG027371.D
Acq: 10 Jun 2017 14:29

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	64.2	48.6	72.8
264	63.7	50.1	75.1





#70
Phenanthrene
Concen: 40.087 ng
RT: 17.91 min Scan# 2421
Delta R.T. -0.04 min
Lab File: BG027371.D
Acq: 10 Jun 2017 14:29

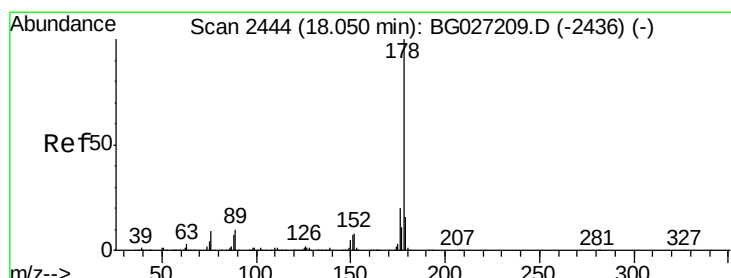
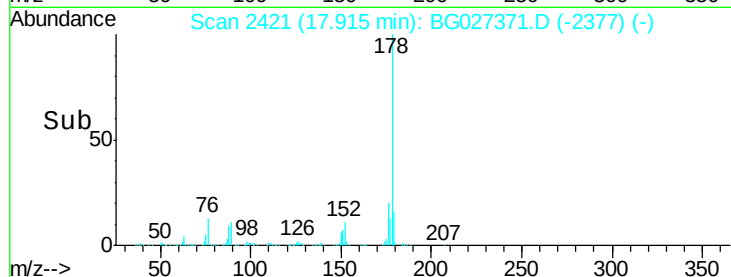
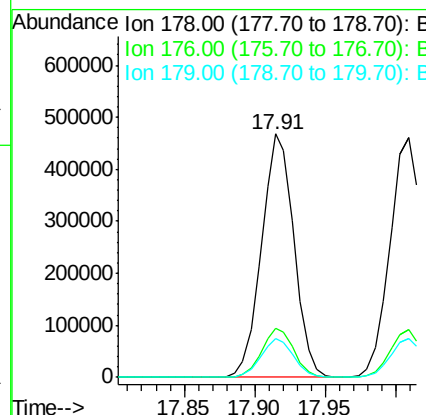
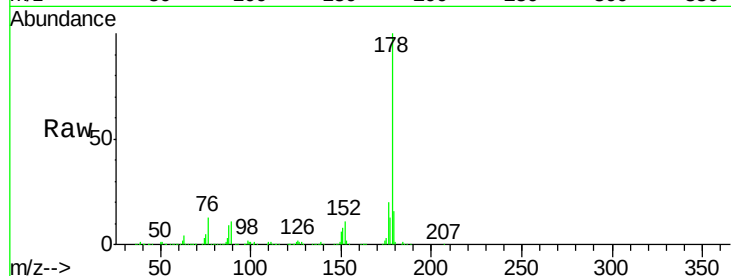
Instrument :
BNA_G
ClientSampleId :
SB-04-COMP(0-10)MSD

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	17.7	26.5
179	16.1	15.0	22.6

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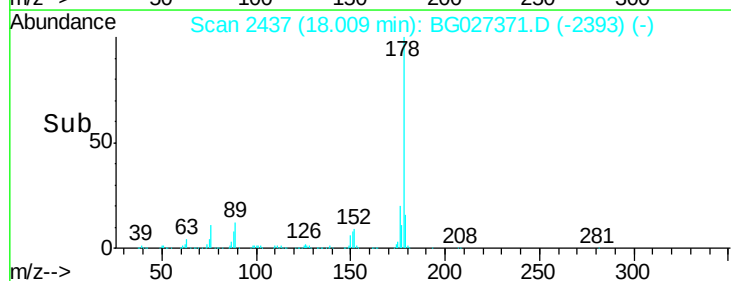
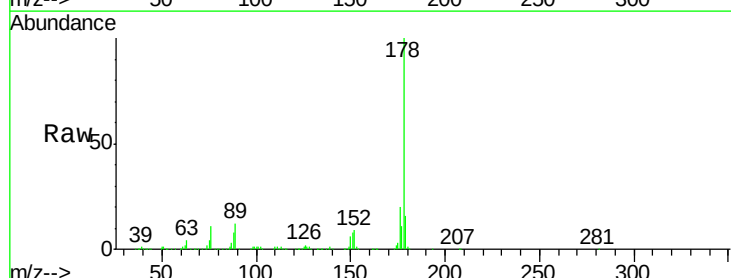
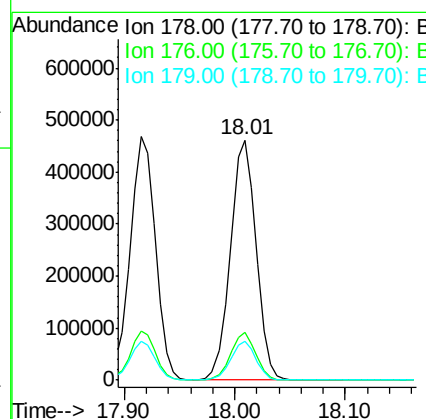
mohammad

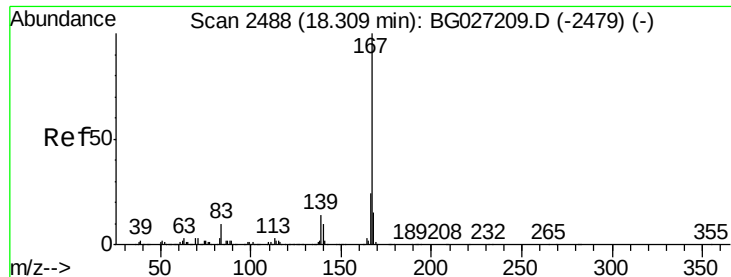
6/13/2017 10:16:23 AM



#71
Anthracene
Concen: 39.970 ng
RT: 18.01 min Scan# 2437
Delta R.T. -0.04 min
Lab File: BG027371.D
Acq: 10 Jun 2017 14:29

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	16.4	24.6
179	16.0	13.8	20.8





#72

Carbazole

Concen: 40.215 ng

RT: 18.27 min Scan# 2482

Delta R.T. -0.04 min

Lab File: BG027371.D

Acq: 10 Jun 2017 14:29

Instrument :

BNA_G

ClientSampleId :

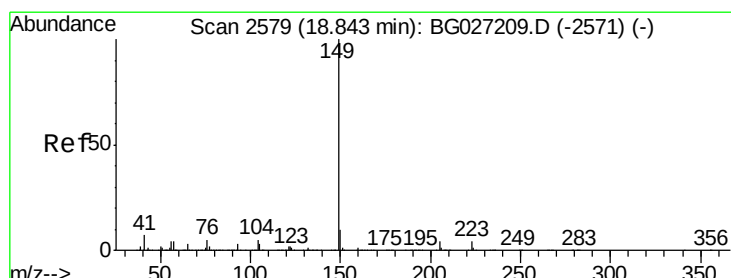
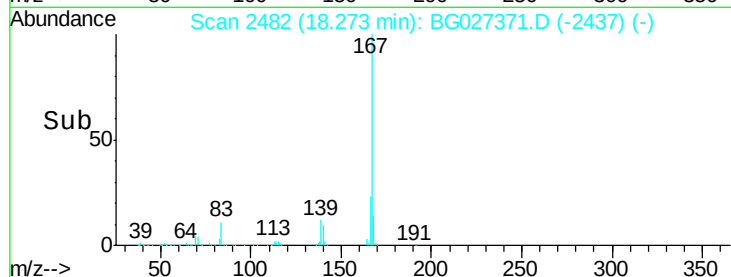
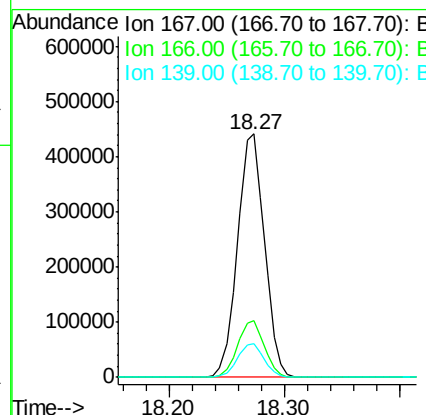
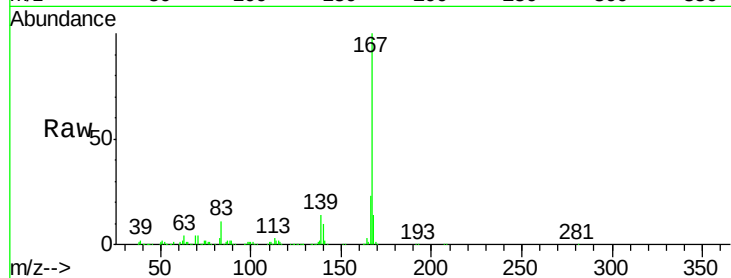
SB-04-COMP(0-10)MSD

Tgt Ion:	167	Resp:	713799
Ion Ratio		Lower	Upper
167	100		
166	23.1	20.2	30.2
139	13.9	12.8	19.2

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#73

Di-n-butylphthalate

Concen: 50.521 ng

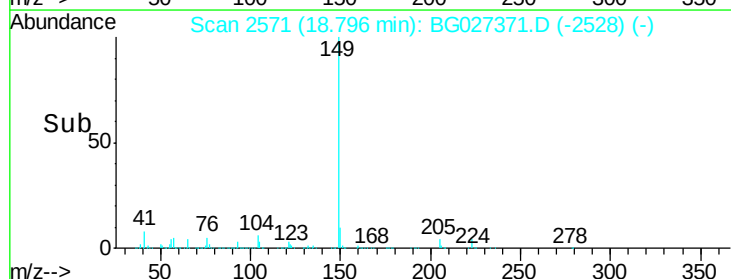
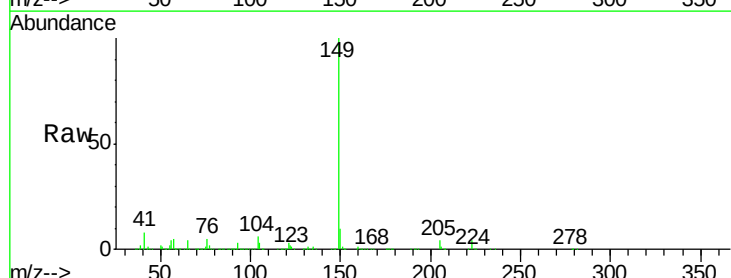
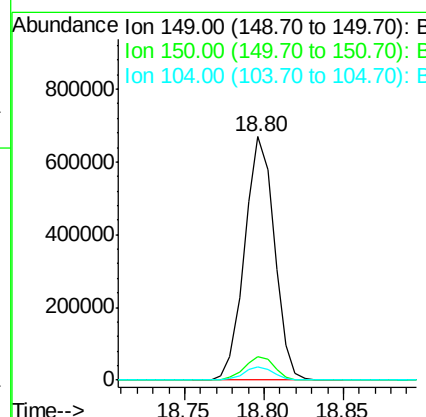
RT: 18.80 min Scan# 2571

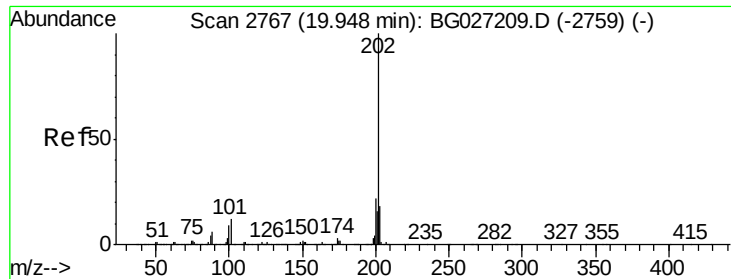
Delta R.T. -0.05 min

Lab File: BG027371.D

Acq: 10 Jun 2017 14:29

Tgt Ion:	149	Resp:	869530
Ion Ratio		Lower	Upper
149	100		
150	9.6	9.1	13.7
104	5.6	6.7	10.1#





#74

Fluoranthene

Concen: 45.633 ng

RT: 19.91 min Scan# 2760

Delta R.T. -0.04 min

Lab File: BG027371.D

Acq: 10 Jun 2017 14:29

Instrument :

BNA_G

ClientSampleId :

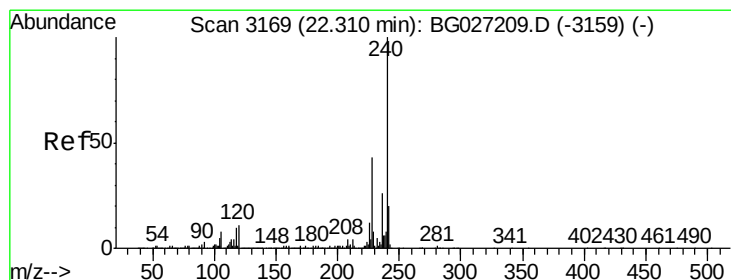
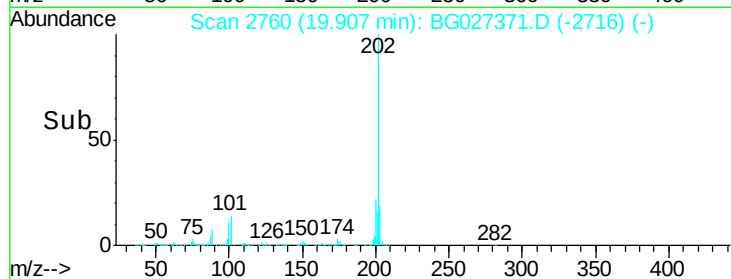
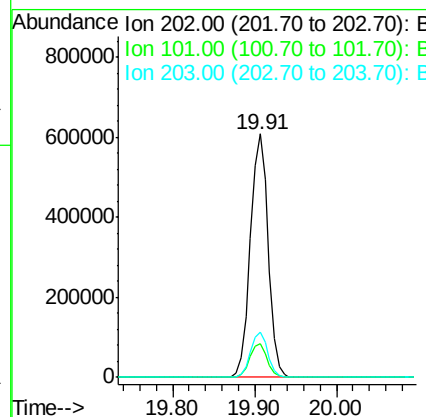
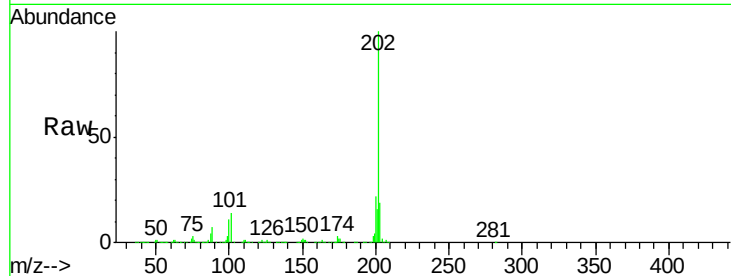
SB-04-COMP(0-10)MSD

Tgt Ion:	202	Resp:	915723
Ion Ratio	Lower	Upper	
202	100		
101	13.8	0.0	30.1
203	18.8	1.3	41.3

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#75

Chrysene-d12

Concen: 20.000 ng

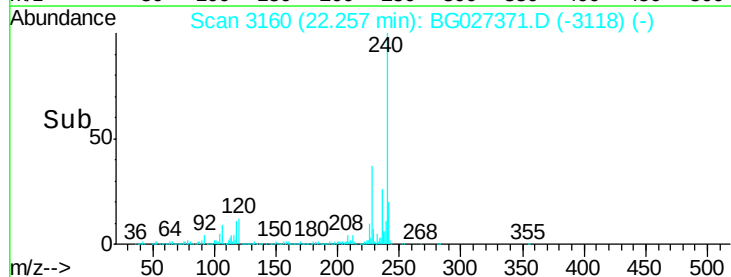
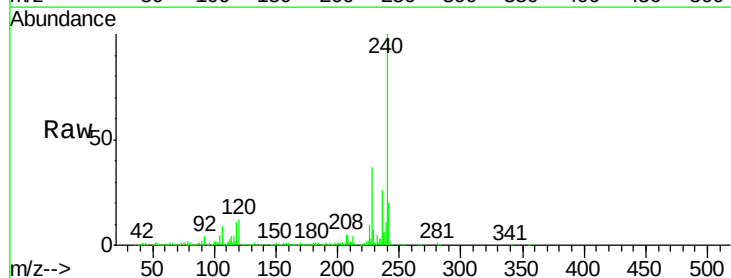
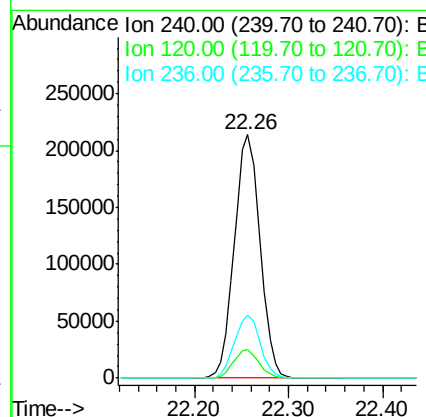
RT: 22.26 min Scan# 3160

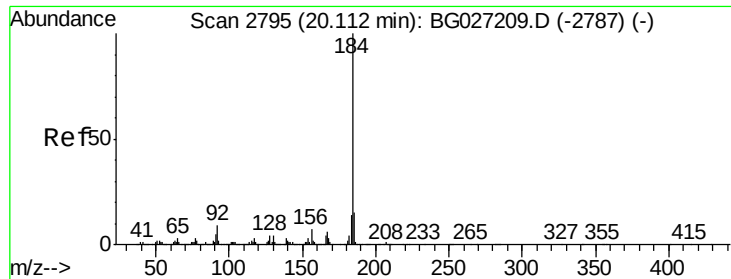
Delta R.T. -0.05 min

Lab File: BG027371.D

Acq: 10 Jun 2017 14:29

Tgt Ion:	240	Resp:	406360
Ion Ratio	Lower	Upper	
240	100		
120	11.7	5.7	8.5#
236	25.8	22.2	33.4





#76

Benzidine

Concen: 34.167 ng

RT: 20.08 min Scan# 2789

Delta R.T. -0.03 min

Lab File: BG027371.D

Acq: 10 Jun 2017 14:29

Instrument :

BNA_G

ClientSampleId :

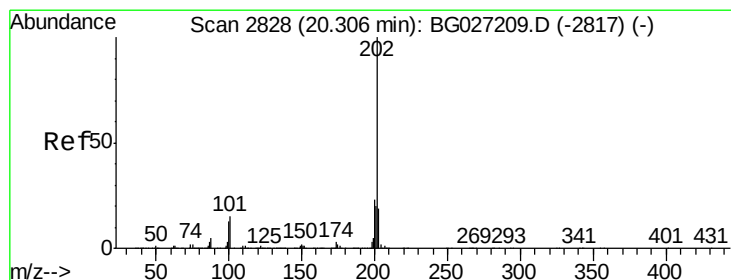
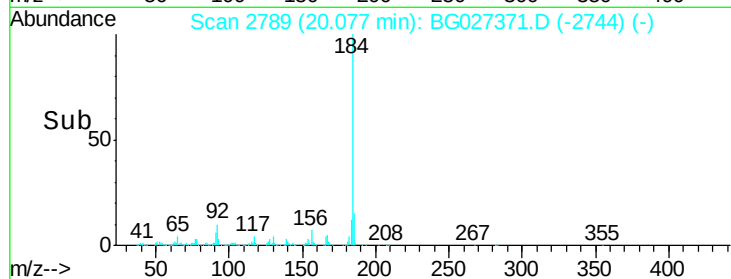
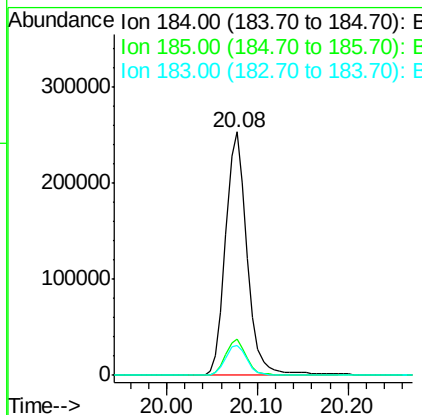
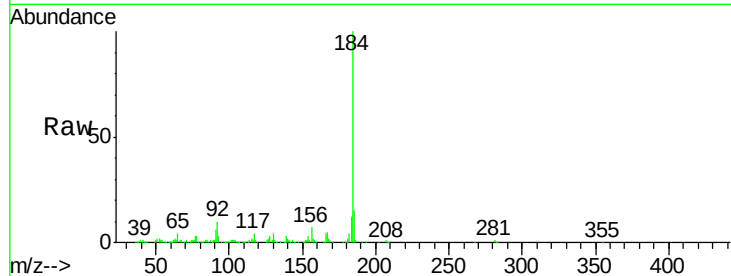
SB-04-COMP(0-10)MSD

Tgt Ion:	184	Resp:	418242
Ion Ratio		Lower	Upper
184	100		
185	14.6	13.0	19.6
183	12.4	11.0	16.6

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#77

Pyrene

Concen: 37.803 ng

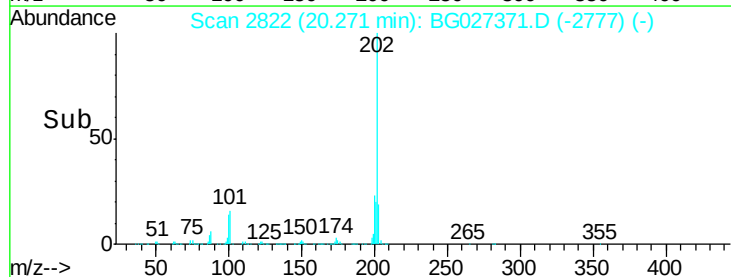
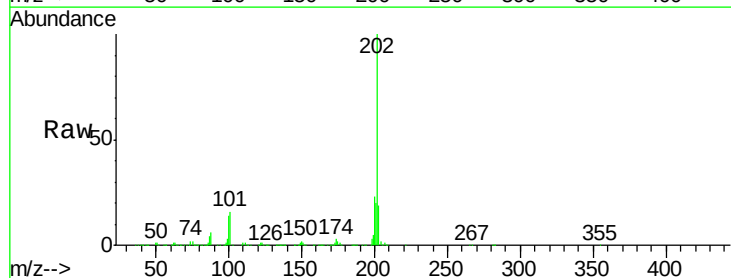
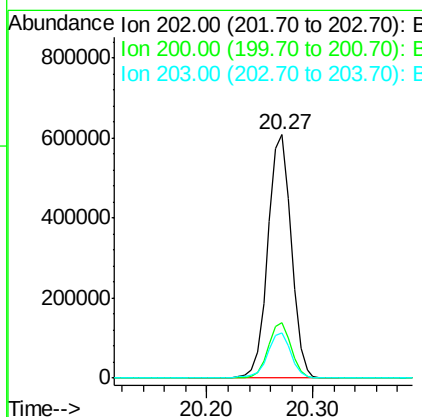
RT: 20.27 min Scan# 2822

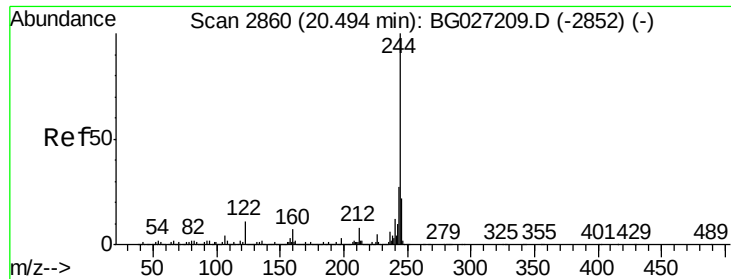
Delta R.T. -0.04 min

Lab File: BG027371.D

Acq: 10 Jun 2017 14:29

Tgt Ion:	202	Resp:	928164
Ion Ratio		Lower	Upper
202	100		
200	22.8	19.6	29.4
203	18.6	15.8	23.8





#78

Terphenyl-d14

Concen: 81.937 ng

RT: 20.45 min Scan# 2852

Delta R.T. -0.05 min

Lab File: BG027371.D

Acq: 10 Jun 2017 14:29

Instrument :

BNA_G

ClientSampleId :

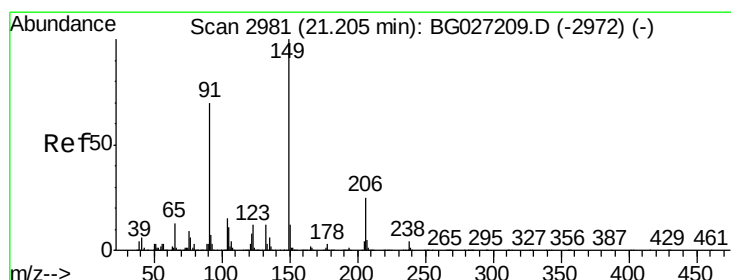
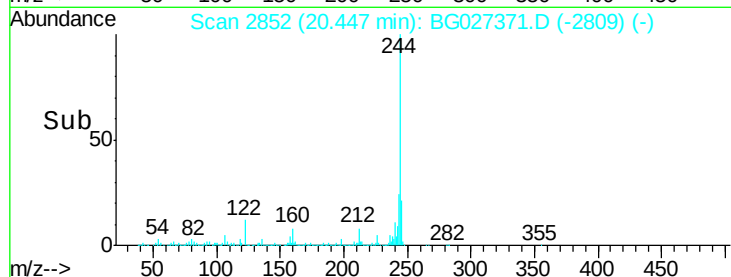
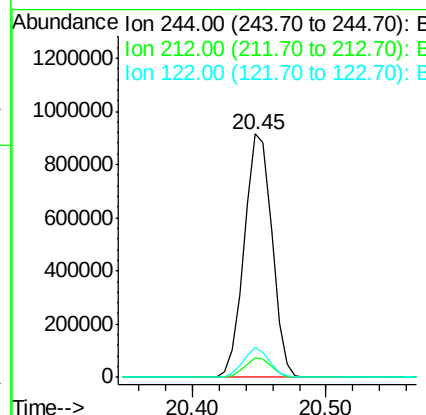
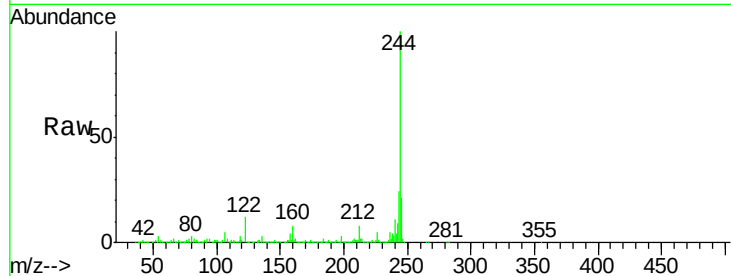
SB-04-COMP(0-10)MSD

Tgt Ion:	244	Resp:	1305202
Ion Ratio	Lower	Upper	
244	100		
212	7.9	10.0	15.0#
122	12.4	8.6	12.8

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#79

Butylbenzylphthalate

Concen: 46.482 ng

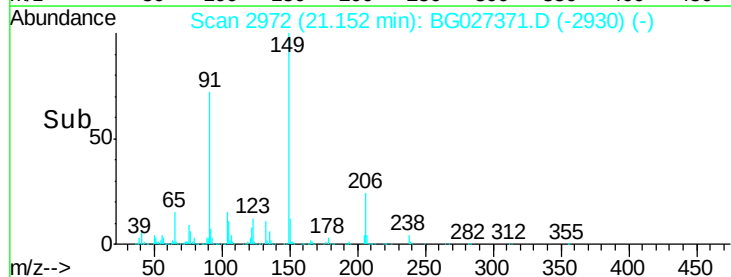
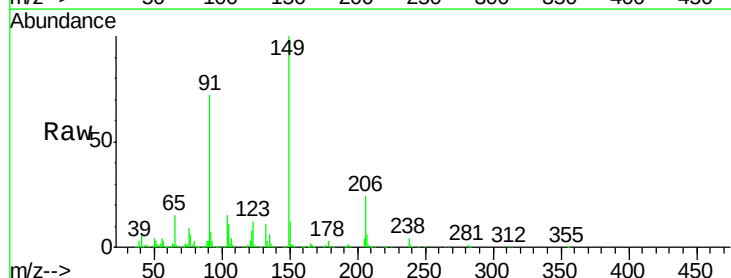
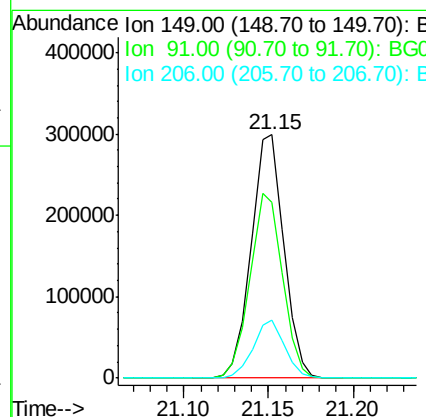
RT: 21.15 min Scan# 2972

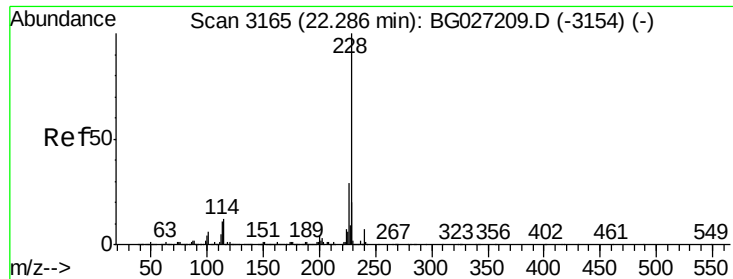
Delta R.T. -0.05 min

Lab File: BG027371.D

Acq: 10 Jun 2017 14:29

Tgt Ion:	149	Resp:	403261
Ion Ratio	Lower	Upper	
149	100		
91	72.4	63.5	95.3
206	23.7	21.0	31.6





#80
Benzo(a)anthracene
Concen: 40.552 ng
RT: 22.23 min Scan# 3156
Delta R.T. -0.05 min
Lab File: BG027371.D
Acq: 10 Jun 2017 14:29

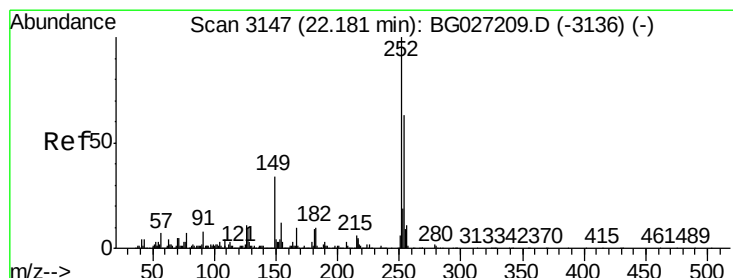
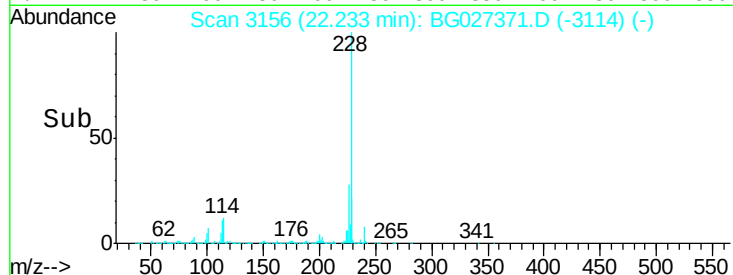
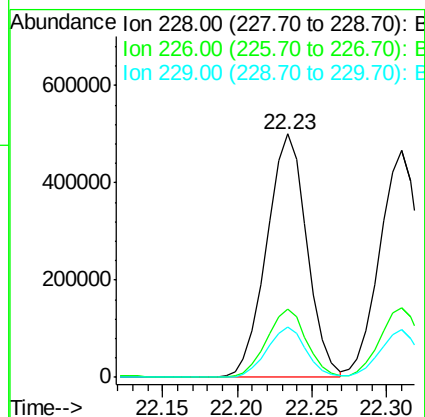
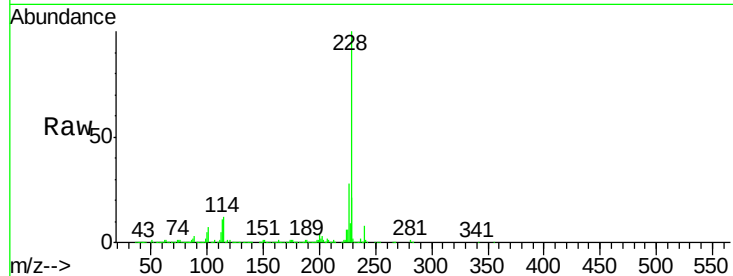
Instrument :
BNA_G
ClientSampleId :
SB-04-COMP(0-10)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	939745		
226	28.0	24.9	37.3	
229	20.8	18.2	27.2	

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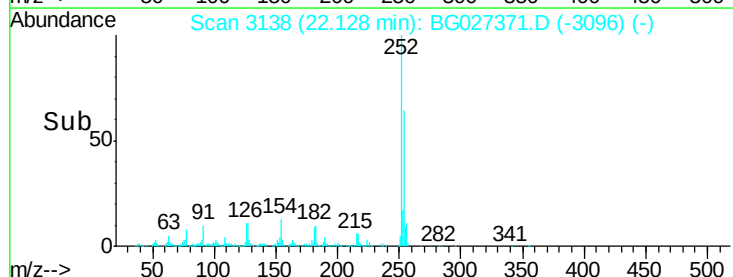
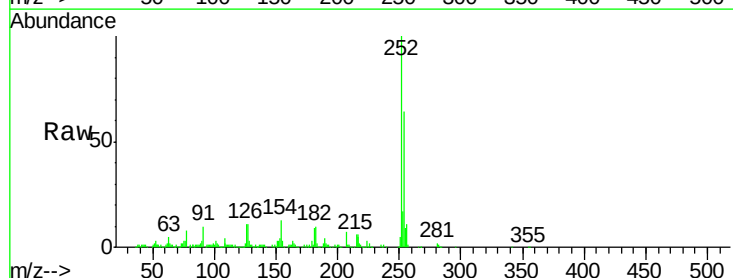
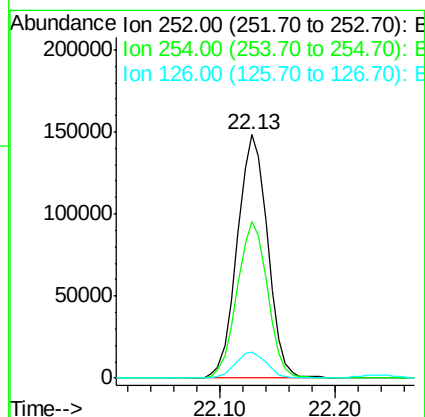
mohammad

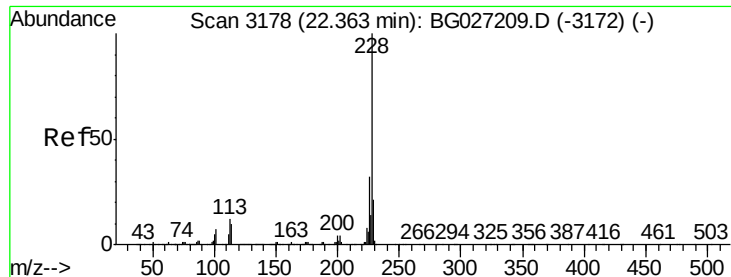
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#81
3,3'-Dichlorobenzidine
Concen: 30.020 ng
RT: 22.13 min Scan# 3138
Delta R.T. -0.05 min
Lab File: BG027371.D
Acq: 10 Jun 2017 14:29

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	270641		
254	64.4	53.1	79.7	
126	10.8	7.0	10.4	





#82
 Chrysene
 Concen: 39.551 ng
 RT: 22.31 min Scan# 3169
 Delta R.T. -0.05 min
 Lab File: BG027371.D
 Acq: 10 Jun 2017 14:29

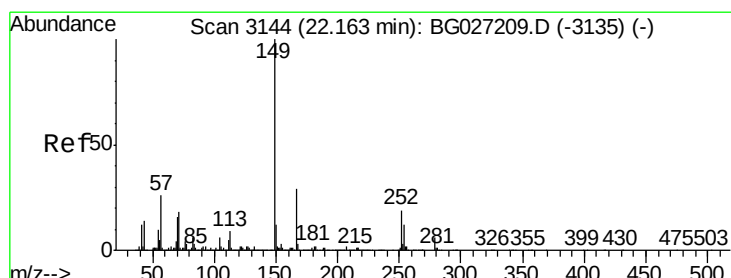
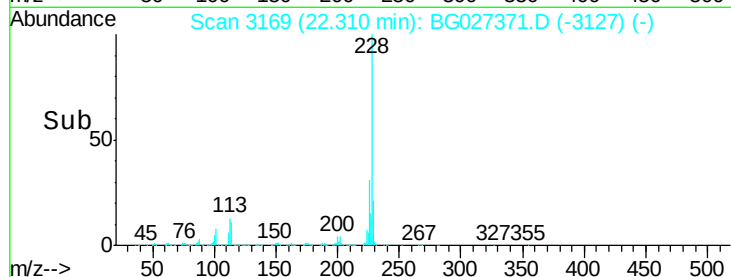
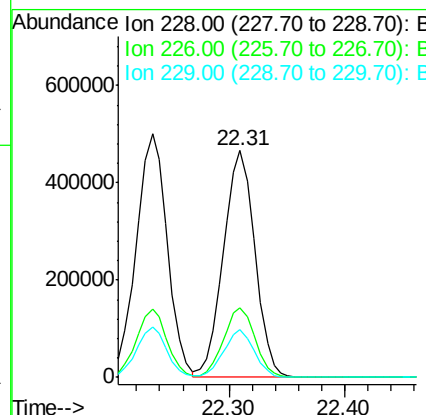
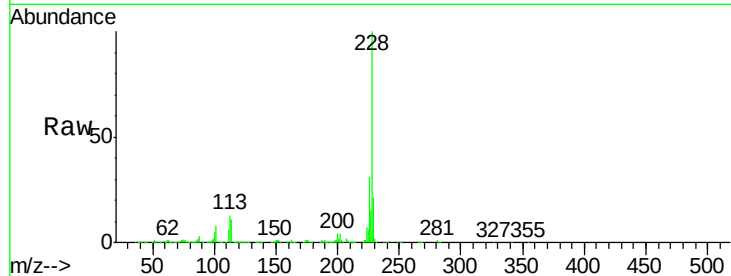
Instrument :
 BNA_G
 ClientSampleId :
 SB-04-COMP(0-10)MSD

Tgt Ion:	228	Resp:	879973
Ion Ratio	Lower	Upper	
228	100		
226	30.6	27.0	40.4
229	21.0	17.8	26.6

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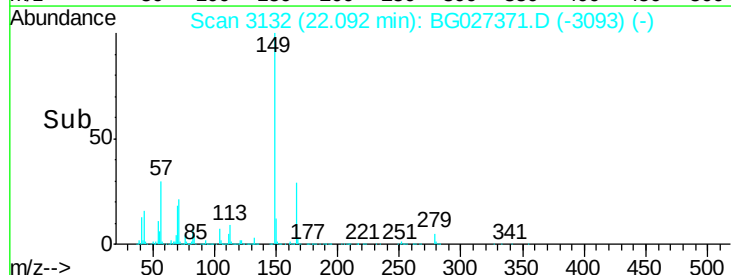
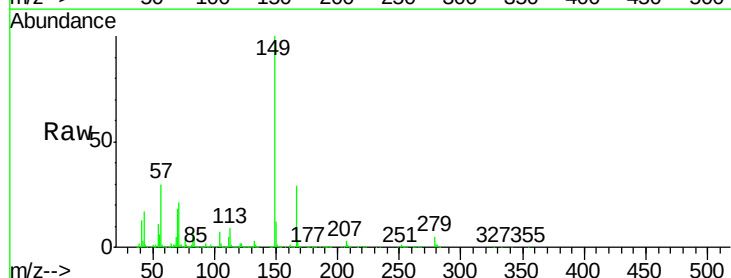
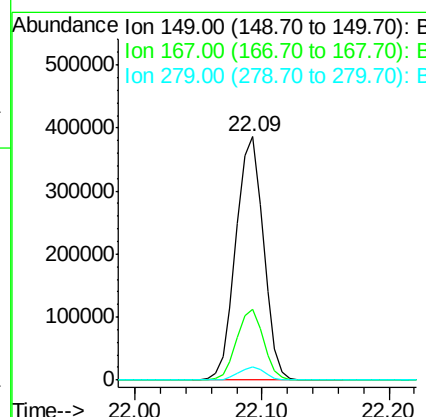
mohammad

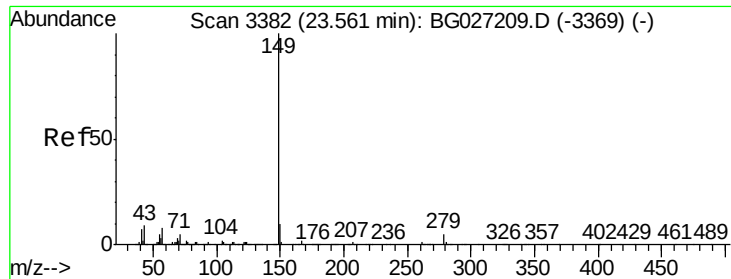
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#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.270 ng
 RT: 22.09 min Scan# 3132
 Delta R.T. -0.07 min
 Lab File: BG027371.D
 Acq: 10 Jun 2017 14:29

Tgt Ion:	149	Resp:	580405
Ion Ratio	Lower	Upper	
149	100		
167	29.0	23.7	35.5
279	5.2	4.6	6.8





#84
Di-n-octyl phthalate
Concen: 45.164 ng
RT: 23.46 min Scan# 3365
Delta R.T. -0.10 min
Lab File: BG027371.D
Acq: 10 Jun 2017 14:29

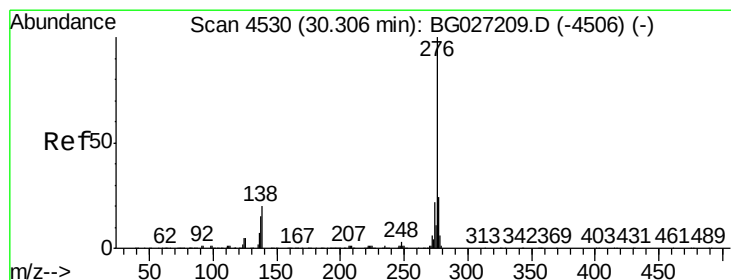
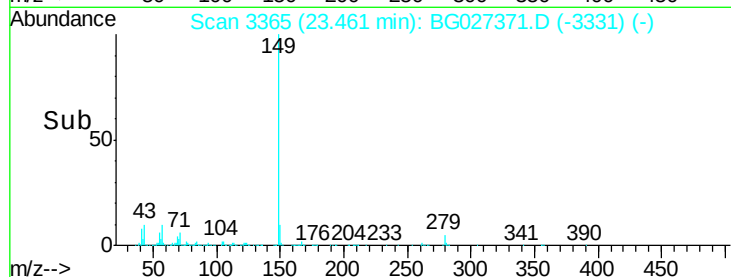
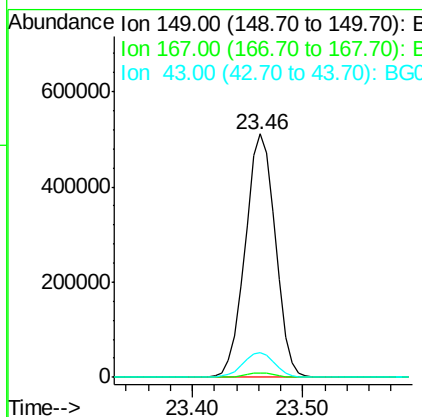
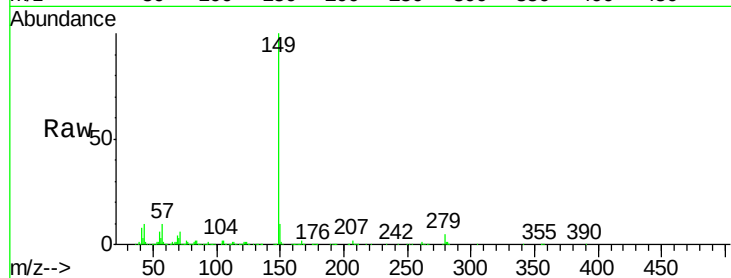
Instrument :
BNA_G
ClientSampleId :
SB-04-COMP(0-10)MSD

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.2
43	10.4	11.8	17.6#

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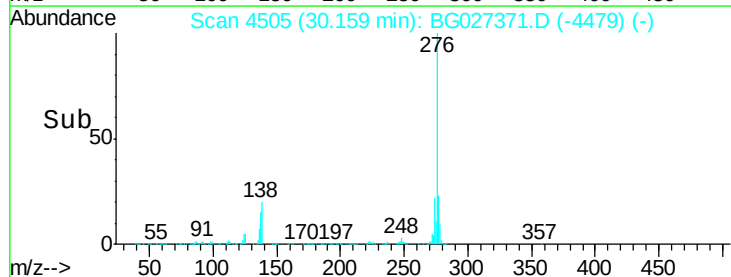
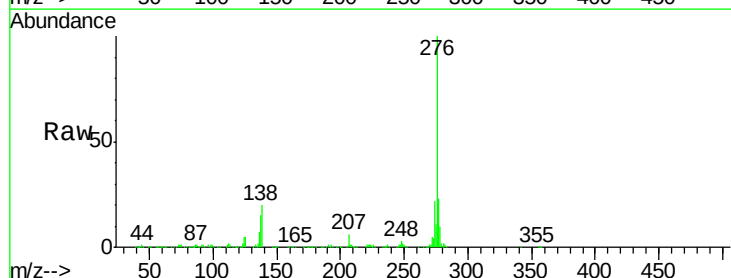
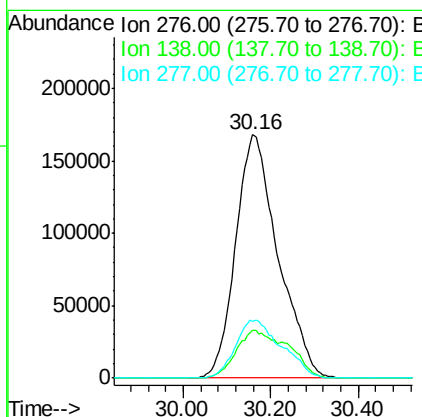
mohammad

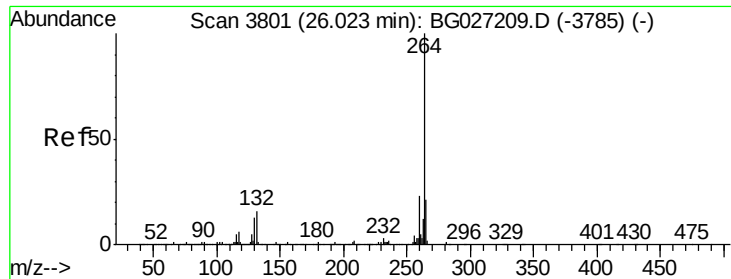
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#85
Indeno(1,2,3-cd)pyrene
Concen: 41.044 ng
RT: 30.16 min Scan# 4505
Delta R.T. -0.15 min
Lab File: BG027371.D
Acq: 10 Jun 2017 14:29

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.4	4.7	7.1#
277	26.2	20.6	31.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.93 min Scan# 3785
Delta R.T. -0.09 min
Lab File: BG027371.D
Acq: 10 Jun 2017 14:29

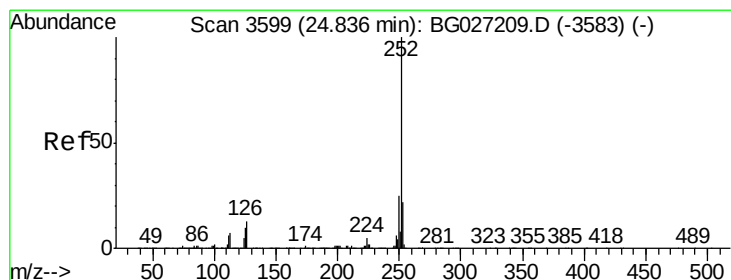
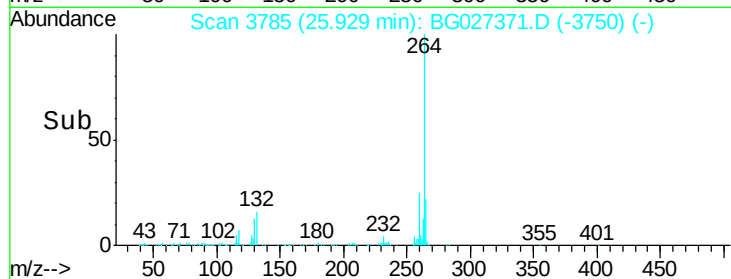
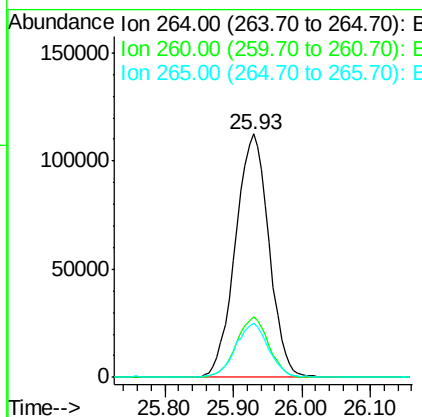
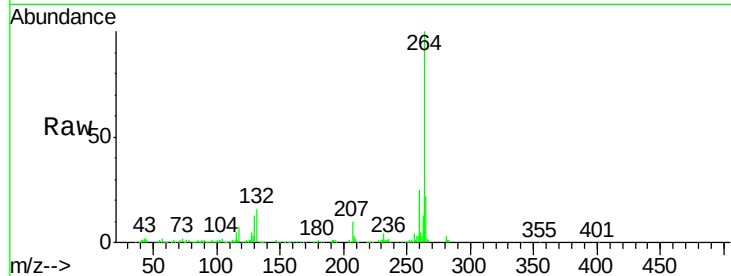
Instrument :
BNA_G
ClientSampleId :
SB-04-COMP(0-10)MSD

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.0	21.8	32.8
265	22.3	18.2	27.4

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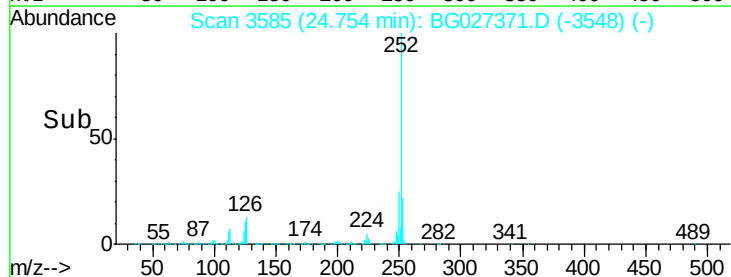
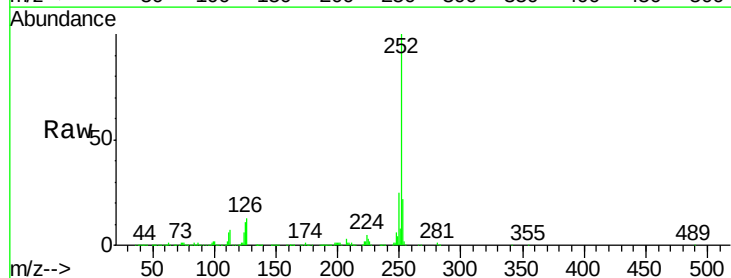
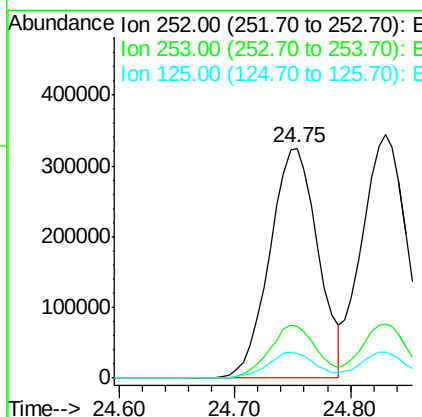
mohammad

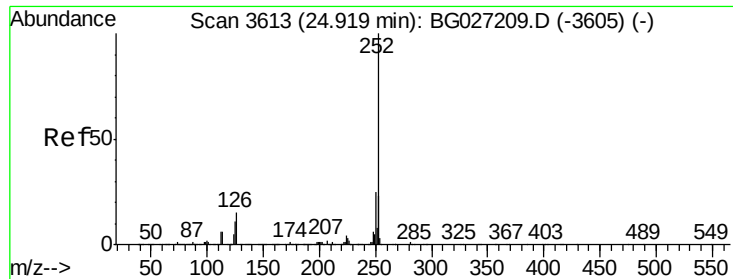
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#87
Benzo(b)fluoranthene
Concen: 39.829 ng
RT: 24.75 min Scan# 3585
Delta R.T. -0.08 min
Lab File: BG027371.D
Acq: 10 Jun 2017 14:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.7	28.1
125	10.9	5.3	7.9#





#88

Benzo(k)fluoranthene

Concen: 40.472 ng

RT: 24.83 min Scan# 3598

Delta R.T. -0.09 min

Lab File: BG027371.D

Acq: 10 Jun 2017 14:29

Instrument :

BNA_G

ClientSampleId :

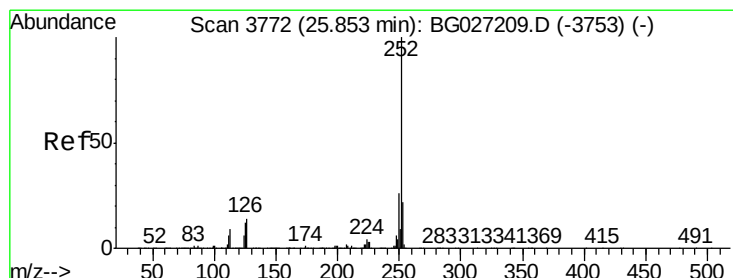
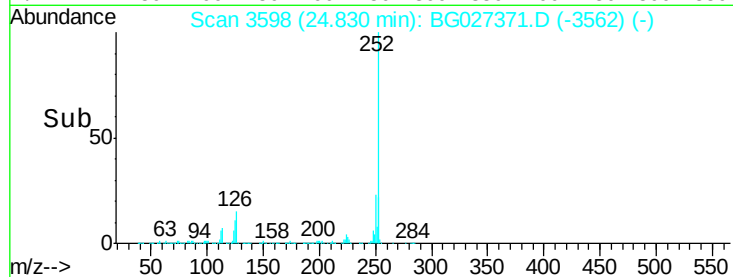
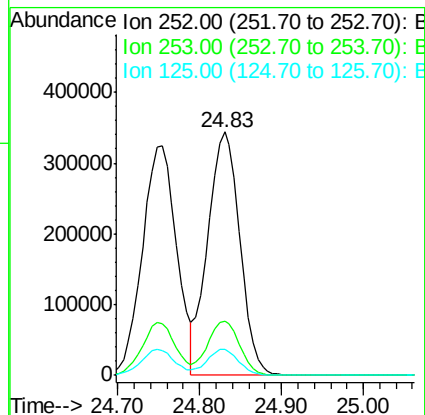
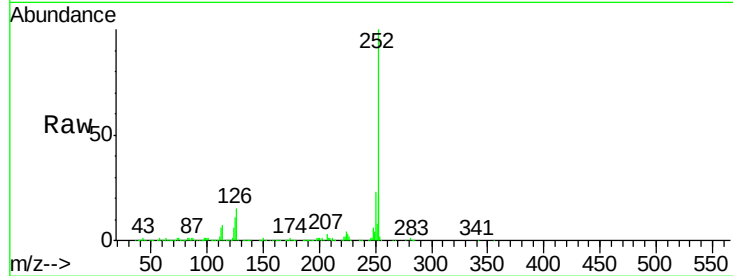
SB-04-COMP(0-10)MSD

Tgt	Ion	Ratio	Resp	Lower	Upper
252	100		939599		
253	22.5	20.2	30.2		
125	10.6	5.1	7.7#		

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#89

Benzo(a)pyrene

Concen: 40.830 ng

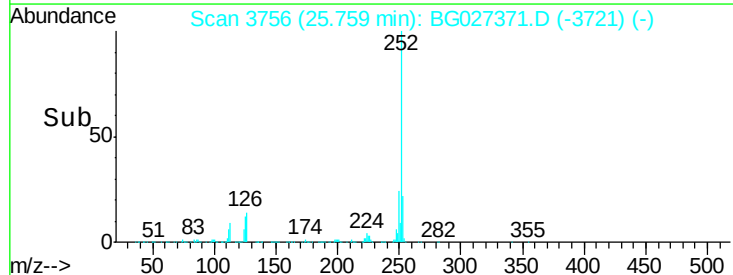
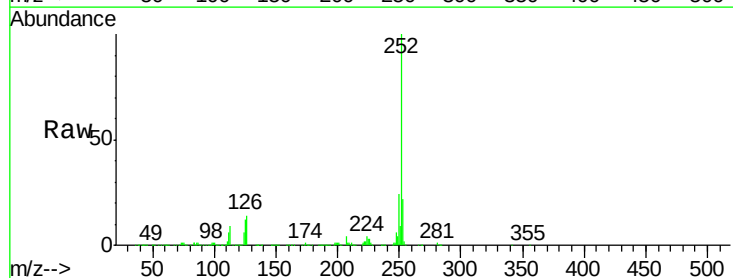
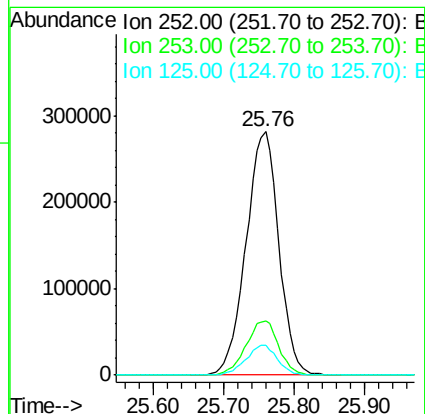
RT: 25.76 min Scan# 3756

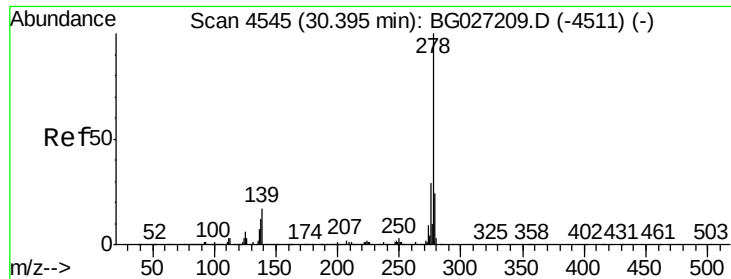
Delta R.T. -0.09 min

Lab File: BG027371.D

Acq: 10 Jun 2017 14:29

Tgt	Ion	Ratio	Resp	Lower	Upper
252	100		909573		
253	22.3	19.2	28.8		
125	12.4	5.4	8.0#		





#90
Dibenzo(a,h)anthracene
Concen: 40.469 ng
RT: 30.24 min Scan# 4518
Delta R.T. -0.16 min
Lab File: BG027371.D
Acq: 10 Jun 2017 14:29

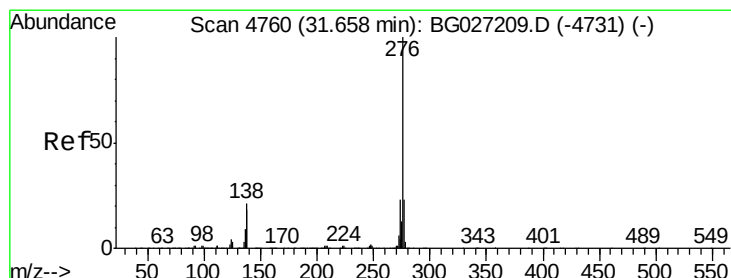
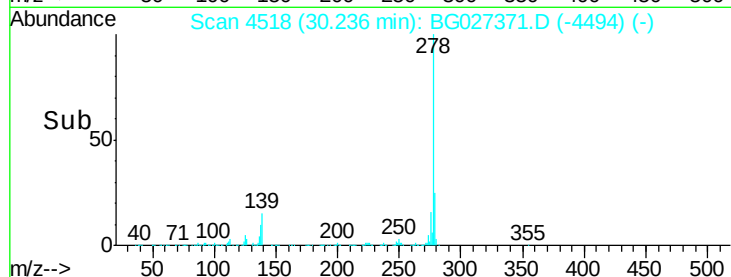
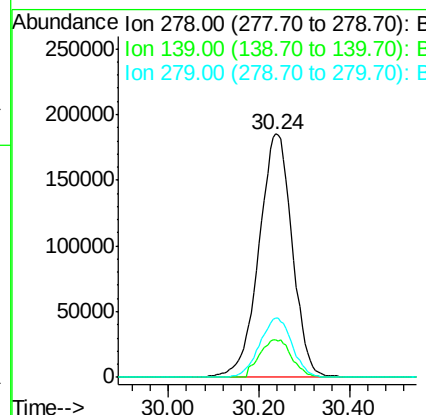
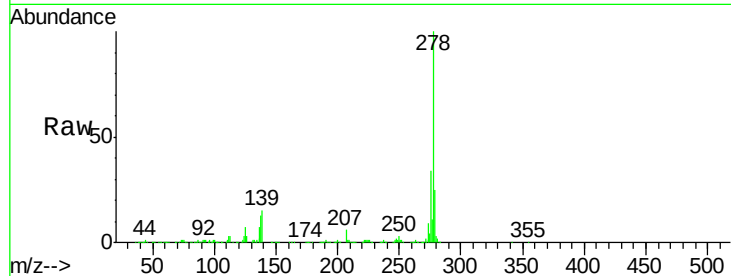
Instrument :
BNA_G
ClientSampleId :
SB-04-COMP(0-10)MSD

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.5	7.7	11.5#
279	24.5	19.1	28.7

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#91
Benzo(g,h,i)perylene
Concen: 40.009 ng
RT: 31.49 min Scan# 4732
Delta R.T. -0.16 min
Lab File: BG027371.D
Acq: 10 Jun 2017 14:29

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.6	27.8
138	20.9	8.1	12.1#

