

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062117\
 Data File : BG027588.D
 Acq On : 22 Jun 2017 9:42
 Operator : SJ/JU
 Sample : I3799-01MS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-02-7.5-8.0MS

Manual Integrations
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mohammad
 6/22/2017 6:04:49 PM

Quant Time: Jun 22 14:33:39 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 21 18:52:15 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.50	152	20266	20.00	ng	0.00
21) Naphthalene-d8	11.32	136	100736	20.00	ng	0.00
38) Acenaphthene-d10	15.09	164	66965	20.00	ng	0.00
63) Phenanthrene-d10	17.84	188	174710	20.00	ng	0.00
75) Chrysene-d12	22.21	240	199503	20.00	ng	0.00
86) Perylene-d12	25.84	264	186429	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.09	112	237765	166.98	ng	0.00
7) Phenol-d6	7.64	99	342059	162.27	ng	0.00
23) Nitrobenzene-d5	9.67	82	219213	102.97	ng	0.00
41) 2,4,6-Tribromophenol	16.58	330	172319	172.61	ng	0.00
44) 2-Fluorobiphenyl	13.71	172	503214	102.65	ng	0.00
78) Terphenyl-d14	20.41	244	914505	108.00	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	4.09	88	22570	40.825	ng	92
3) Pyridine	4.47	79	61575	34.405	ng	# 79
4) n-Nitrosodimethylamine	4.38	42	41430	50.723	ng	83
6) Aniline	7.83	93	120575	46.869	ng	95
8) 2-Chlorophenol	8.07	128	83668	55.531	ng	94
9) Benzaldehyde	7.65	77	56660	39.556	ng	97
10) Phenol	7.67	94	127897	59.557	ng	92
11) bis(2-Chloroethyl)ether	7.91	93	80583	47.943	ng	91
12) 1,3-Dichlorobenzene	8.40	146	76366	48.014	ng	95
13) 1,4-Dichlorobenzene	8.54	146	78581	48.938	ng	97
14) 1,2-Dichlorobenzene	8.86	146	76027	48.183	ng	96
15) Benzyl Alcohol	8.73	79	95732	56.879	ng	93
16) 2,2'-oxybis(1-Chloropropan	9.01	45	120756	43.301	ng	90
17) 2-Methylphenol	8.92	107	78902	52.215	ng	96
18) Hexachloroethane	9.60	117	30627	48.639	ng	87
19) n-Nitroso-di-n-propylamine	9.30	70	80922	48.329	ng	# 86
20) 3+4-Methylphenols	9.25	107	111042	53.671	ng	91
22) Acetophenone	9.32	105	141378	51.177	ng	# 86
24) Nitrobenzene	9.71	77	116055	49.734	ng	93
25) Isophorone	10.23	82	218999	50.069	ng	98
26) 2-Nitrophenol	10.42	139	46005	53.300	ng	95
27) 2,4-Dimethylphenol	10.46	122	90288	55.390	ng	94
28) bis(2-Chloroethoxy)methane	10.70	93	121498	49.285	ng	98
29) 2,4-Dichlorophenol	10.96	162	83601	59.378	ng	97
30) 1,2,4-Trichlorobenzene	11.18	180	81531	50.651	ng	97
31) Naphthalene	11.38	128	269012	49.408	ng	99
32) Benzoic acid	10.55	122	22186	23.846	ng	98
33) 4-Chloroaniline	11.47	127	70782	30.653	ng	95
34) Hexachlorobutadiene	11.65	225	49598	50.987	ng	97
35) Caprolactam	12.25	113	35338m	53.853	ng	
36) 4-Chloro-3-methylphenol	12.55	107	124515	57.666	ng	98
37) 2-Methylnaphthalene	12.94	142	209834	53.030	ng	98
39) 1,2,4,5-Tetrachlorobenzene	13.30	216	105804	50.384	ng	98
40) Hexachlorocyclopentadiene	13.27	237	127854	113.589	ng	96

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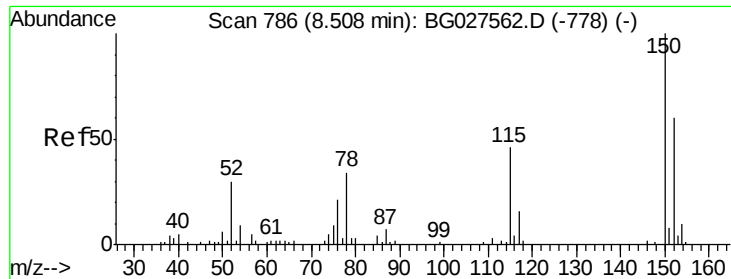
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.53	196	77020	56.759	ng	97
43) 2,4,5-Trichlorophenol	13.60	196	83510	52.371	ng	# 96
45) 1,1'-Biphenyl	13.93	154	285083	51.056	ng	95
46) 2-Chloronaphthalene	13.98	162	211114	50.836	ng	95
47) 2-Nitroaniline	14.17	65	96189	51.595	ng	96
48) Acenaphthylene	14.82	152	349040	47.965	ng	97
49) Dimethylphthalate	14.53	163	524663	89.482	ng	98
50) 2,6-Dinitrotoluene	14.65	165	68742	54.031	ng	93
51) Acenaphthene	15.15	154	277636	54.757	ng	95
52) 3-Nitroaniline	14.99	138	51229	38.147	ng	97
53) 2,4-Dinitrophenol	15.19	184	77115	107.238	ng	# 85
54) Dibenzofuran	15.48	168	354553	53.687	ng	99
55) 4-Nitrophenol	15.28	139	120835	107.469	ng	# 79
56) 2,4-Dinitrotoluene	15.44	165	99230	55.003	ng	# 99
57) Fluorene	16.13	166	310454	49.637	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.71	232	85745	61.066	ng	92
59) Diethylphthalate	15.88	149	335567	52.449	ng	96
60) 4-Chlorophenyl-phenylether	16.11	204	158141	51.381	ng	93
61) 4-Nitroaniline	16.15	138	78402	53.212	ng	# 85
62) Azobenzene	16.40	77	350941	53.494	ng	93
64) 4,6-Dinitro-2-methylphenol	16.20	198	57428	51.762	ng	76
65) n-Nitrosodiphenylamine	16.33	169	271996	50.786	ng	99
66) 4-Bromophenyl-phenylether	17.01	248	102788	53.494	ng	# 88
67) Hexachlorobenzene	17.14	284	107566	52.384	ng	95
68) Atrazine	17.27	200	102708	52.348	ng	97
69) Pentachlorophenol	17.48	266	139420	109.305	ng	99
70) Phenanthrene	17.89	178	504092	50.719	ng	94
71) Anthracene	17.97	178	513023	51.267	ng	97
72) Carbazole	18.24	167	450108	46.170	ng	96
73) Di-n-butylphthalate	18.76	149	573142	52.470	ng	# 95
74) Fluoranthene	19.87	202	595555	51.432	ng	94
76) Benzidine	20.04	184	345367	70.534	ng	98
77) Pyrene	20.24	202	604337	49.832	ng	96
79) Butylbenzylphthalate	21.11	149	267771	52.901	ng	95
80) Benzo(a)anthracene	22.19	228	599859	50.113	ng	93
81) 3,3'-Dichlorobenzidine	22.08	252	146545	33.862	ng	# 99
82) Chrysene	22.26	228	556760	49.088	ng	95
83) Bis(2-ethylhexyl)phthalate	22.04	149	386448	52.086	ng	98
84) Di-n-octyl phthalate	23.39	149	661634	53.612	ng	# 90
85) Indeno(1,2,3-cd)pyrene	30.03	276	691432	53.494	ng	# 95
87) Benzo(b)fluoranthene	24.68	252	611689	51.318	ng	# 95
88) Benzo(k)fluoranthene	24.76	252	581346	49.850	ng	# 94
89) Benzo(a)pyrene	25.68	252	579838	51.546	ng	# 94
90) Dibenzo(a,h)anthracene	30.11	278	588218	51.337	ng	# 96
91) Benzo(g,h,i)perylene	31.35	276	560624	50.373	ng	# 92

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



#1

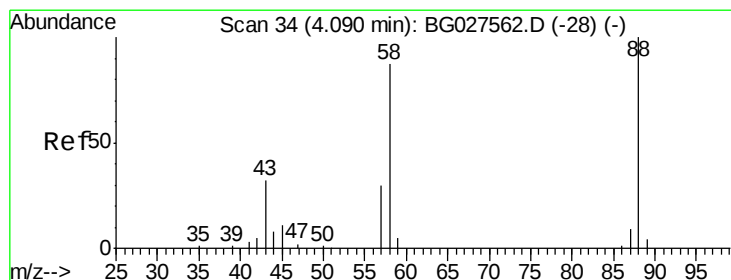
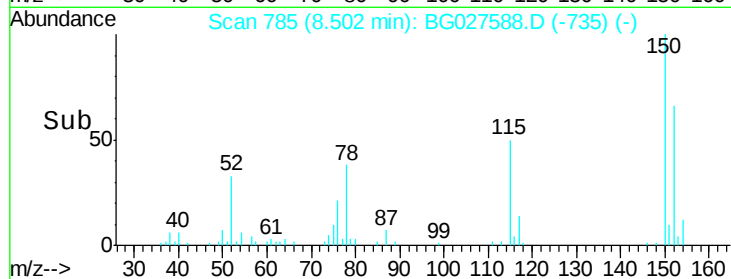
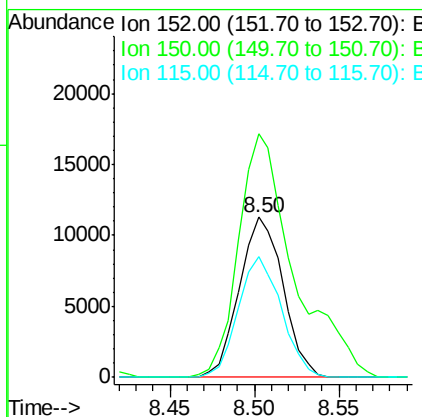
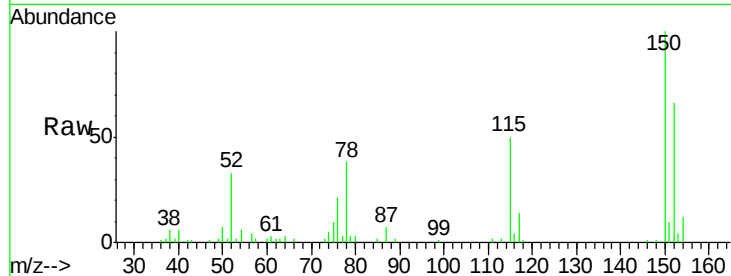
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.50 min Scan# 785
Delta R.T. -0.01 min
Lab File: BG027588.D
Acq: 22 Jun 2017 9:42

Instrument :
BNA_G
ClientSampleId :
SB-02-7.5-8.0MS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	152.3	114.0	171.0
115	75.6	48.1	72.1

Manual Integrations
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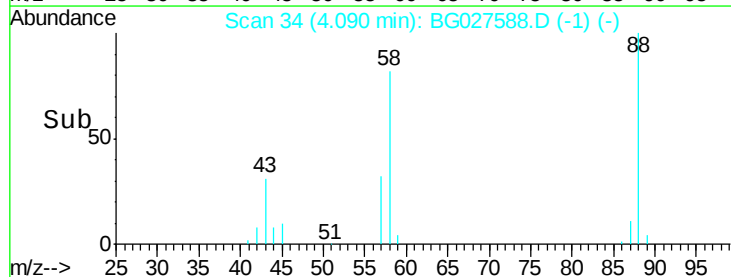
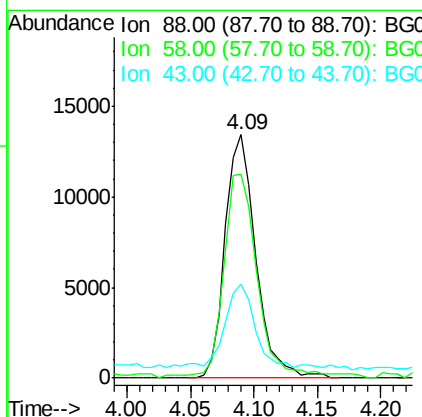
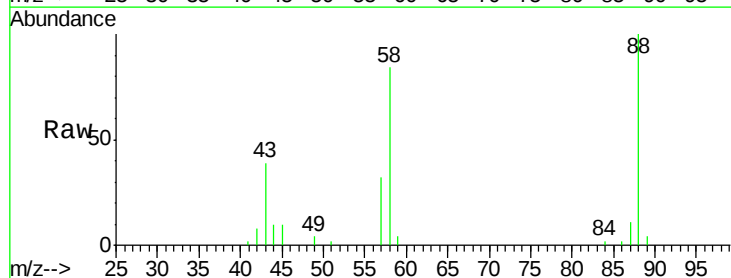
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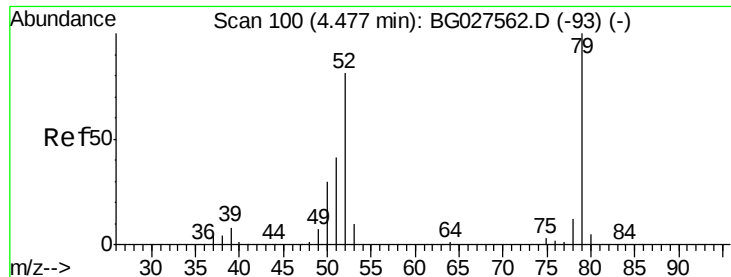


#2

1,4-Dioxane
Concen: 40.825 ng
RT: 4.09 min Scan# 34
Delta R.T. 0.00 min
Lab File: BG027588.D
Acq: 22 Jun 2017 9:42

Tgt Ion	Ratio	Lower	Upper
88	100		
58	92.2	79.4	119.2
43	35.0	33.8	50.6





#3

Pyridine

Concen: 34.405 ng

RT: 4.47 min Scan# 98

Delta R.T. -0.01 min

Lab File: BG027588.D

Acq: 22 Jun 2017 9:42

Instrument :

BNA_G

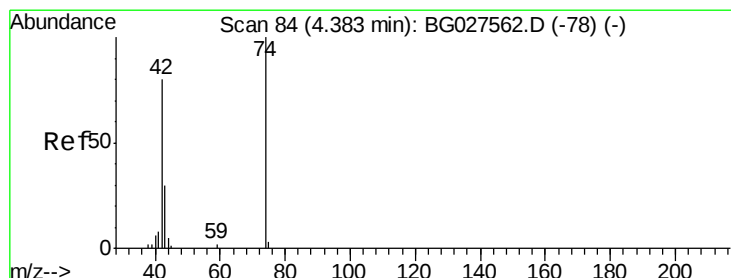
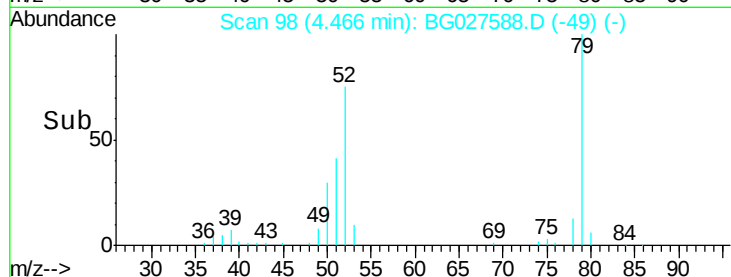
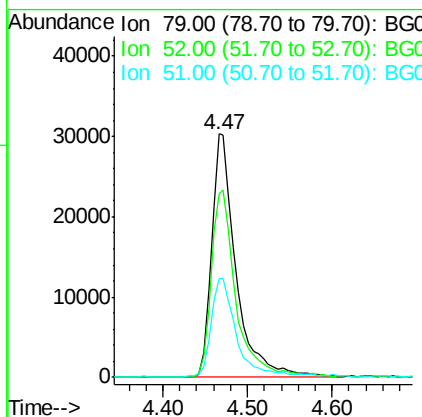
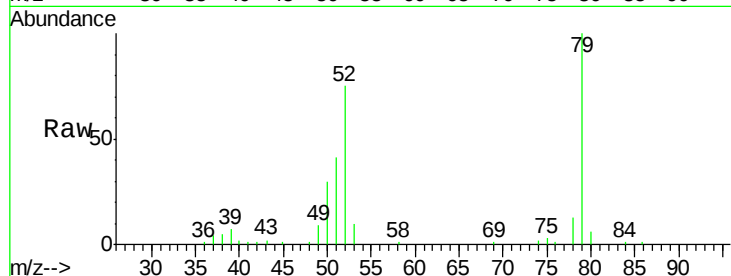
ClientSampleId :

SB-02-7.5-8.0MS

Tgt Ion:	79	Resp:	61575
Ion	Ratio	Lower	Upper
79	100		
52	75.2	77.8	116.6#
51	40.5	43.2	64.8#

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#4

n-Nitrosodimethylamine

Concen: 50.723 ng

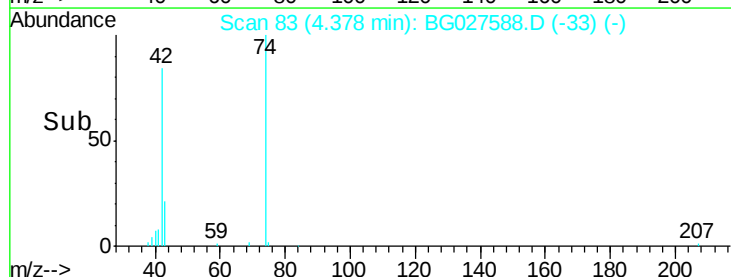
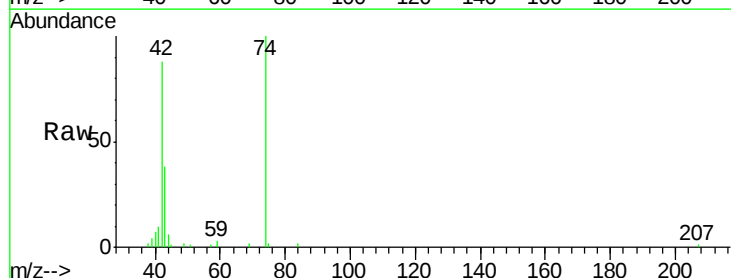
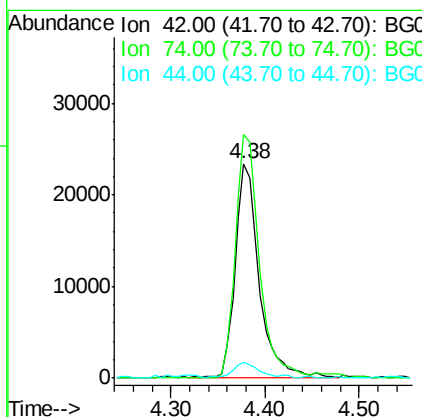
RT: 4.38 min Scan# 83

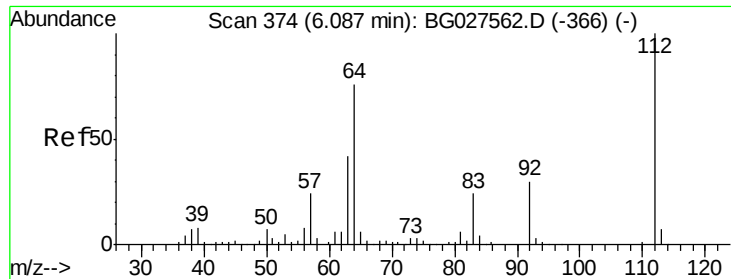
Delta R.T. -0.01 min

Lab File: BG027588.D

Acq: 22 Jun 2017 9:42

Tgt Ion:	42	Resp:	41430
Ion	Ratio	Lower	Upper
42	100		
74	113.5	76.7	115.1
44	7.1	6.1	9.1





#5

2-Fluorophenol

Concen: 166.975 ng

RT: 6.09 min Scan# 374

Delta R.T. 0.00 min

Lab File: BG027588.D

Acq: 22 Jun 2017 9:42

Instrument :

BNA_G

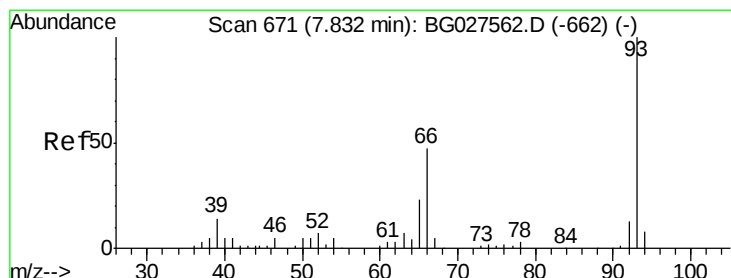
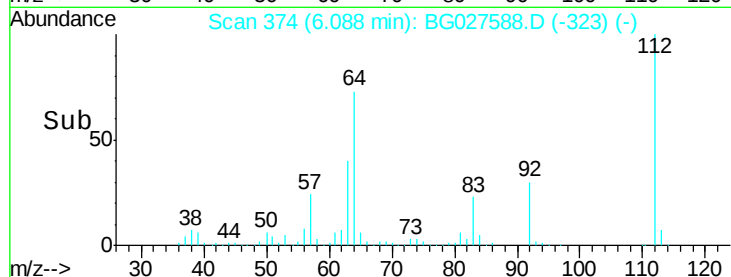
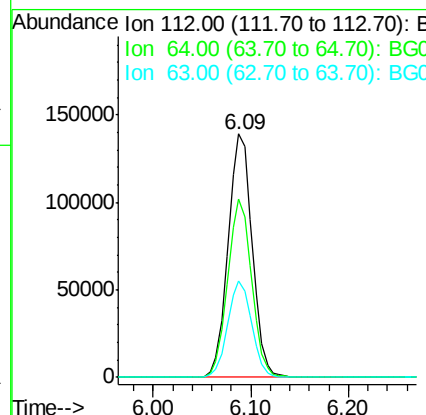
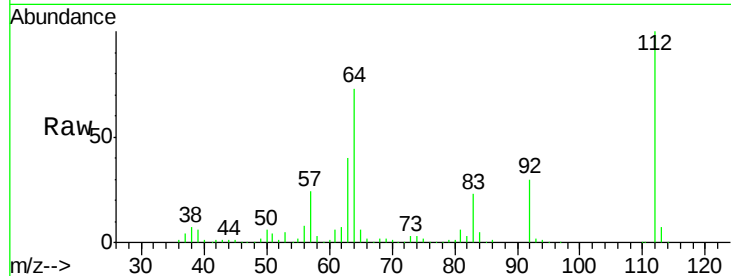
ClientSampleId :

SB-02-7.5-8.0MS

Tgt Ion:	112	Resp:	237765
Ion Ratio	Lower	Upper	
112	100		
64	73.2	61.8	92.6
63	39.8	37.2	55.8

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#6

Aniline

Concen: 46.869 ng

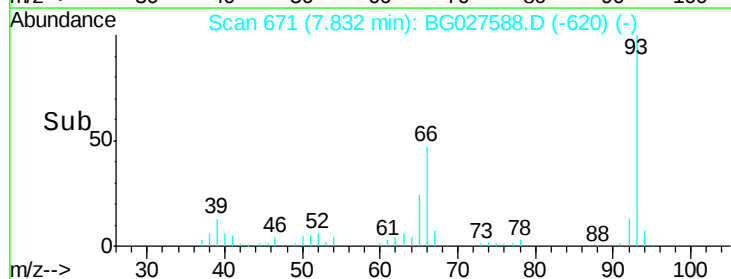
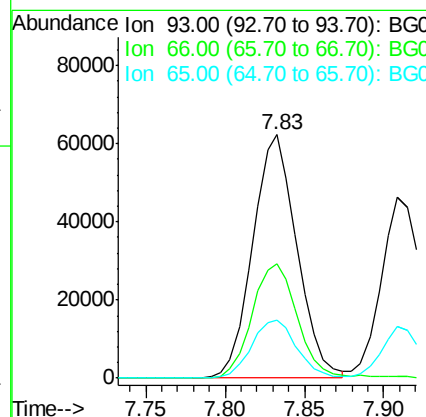
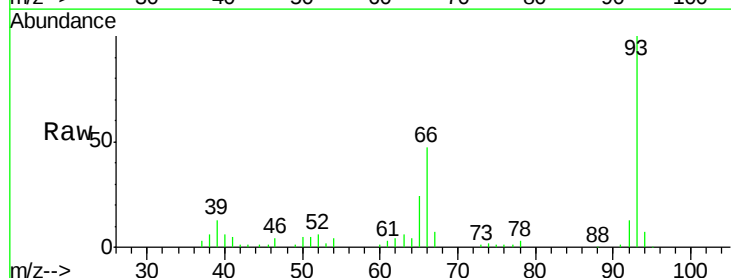
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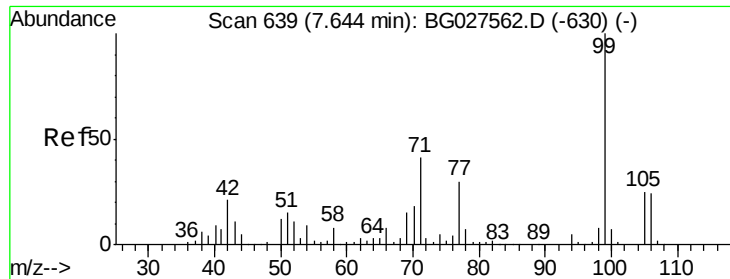
Delta R.T. 0.00 min

Lab File: BG027588.D

Acq: 22 Jun 2017 9:42

Tgt Ion:	93	Resp:	120575
Ion Ratio	Lower	Upper	
93	100		
66	47.2	35.4	53.2
65	24.0	21.2	31.8





#7

Phenol-d6

Concen: 162.265 ng

RT: 7.64 min Scan# 639

Delta R.T. 0.00 min

Lab File: BG027588.D

Acq: 22 Jun 2017 9:42

Instrument :

BNA_G

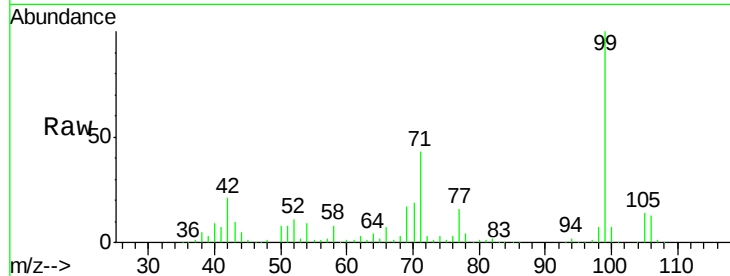
ClientSampleId :

SB-02-7.5-8.0MS

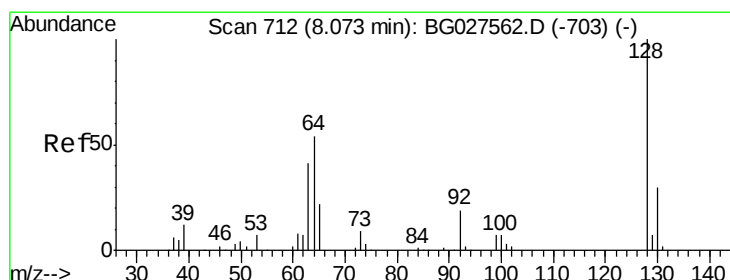
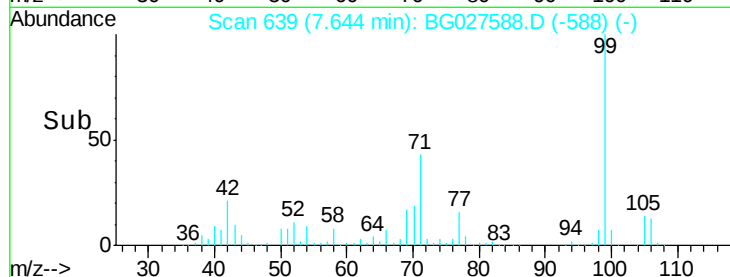
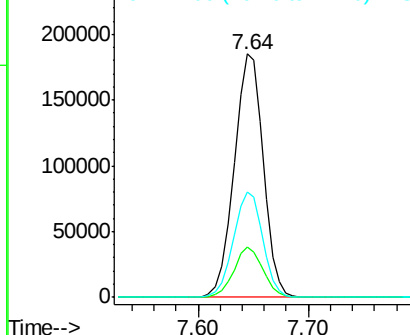
Tgt Ion:	99	Resp:	342059
Ion Ratio	Lower	Upper	
99	100		
42	20.6	20.5	30.7
71	43.4	37.6	56.4

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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: 55.531 ng

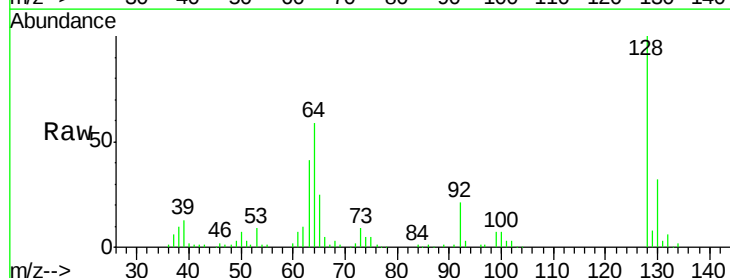
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Delta R.T. 0.00 min

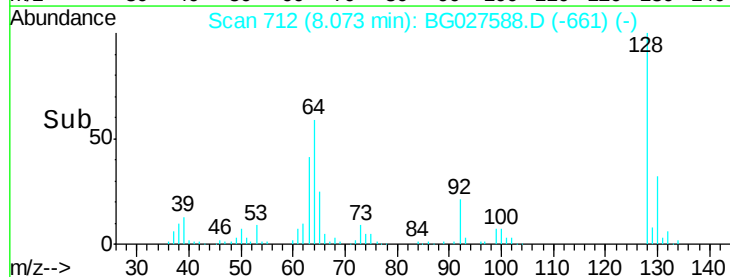
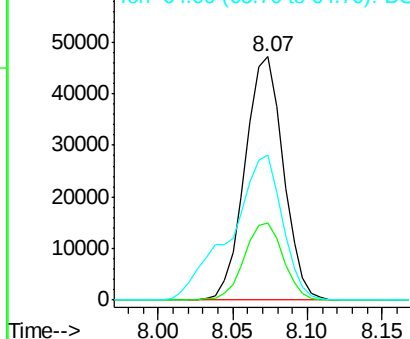
Lab File: BG027588.D

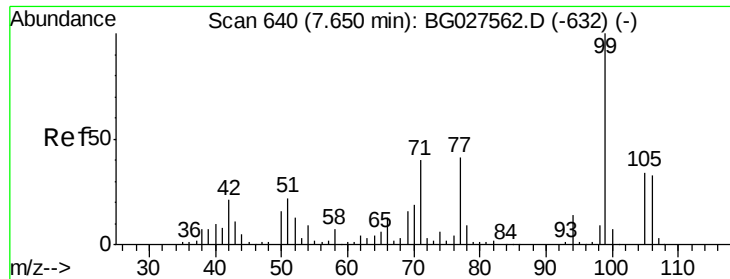
Acq: 22 Jun 2017 9:42

Tgt Ion:	128	Resp:	83668
Ion Ratio	Lower	Upper	
128	100		
130	31.7	11.4	51.4
64	59.4	46.6	86.6



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





#9

Benzaldehyde

Concen: 39.556 ng

RT: 7.65 min Scan# 640

Delta R.T. 0.00 min

Lab File: BG027588.D

Acq: 22 Jun 2017 9:42

Instrument :

BNA_G

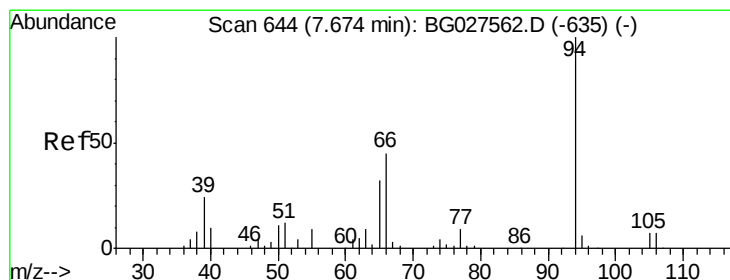
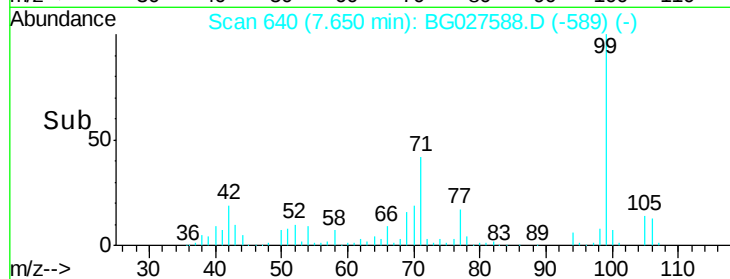
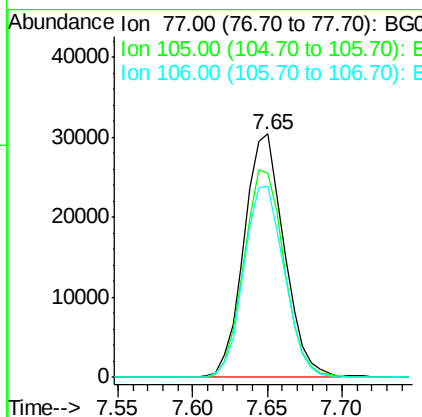
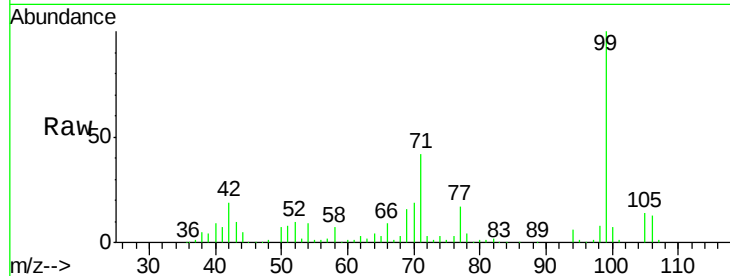
ClientSampleId :

SB-02-7.5-8.0MS

Tgt Ion:	77	Resp:	56660
Ion Ratio	Lower	Upper	
77	100		
105	83.7	60.9	100.9
106	78.3	55.1	95.1

Manual Integrations
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#10

Phenol

Concen: 59.557 ng

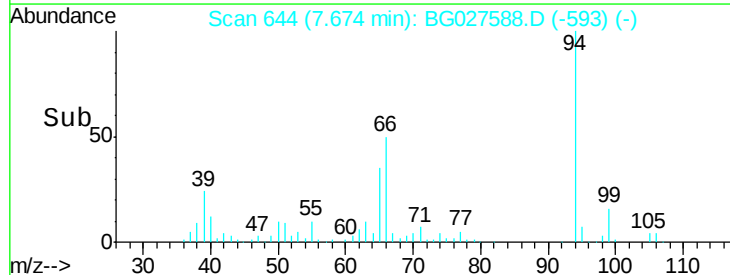
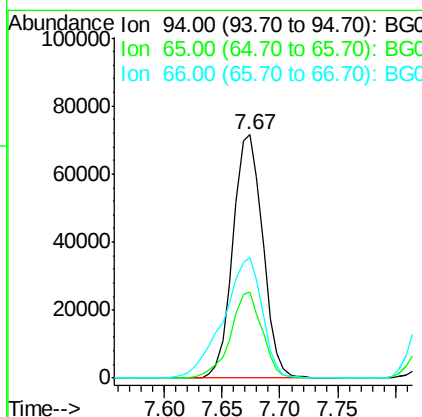
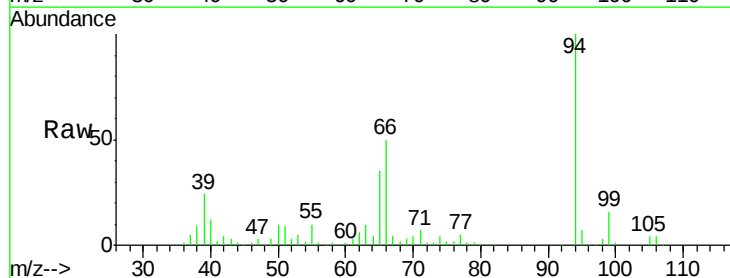
RT: 7.67 min Scan# 644

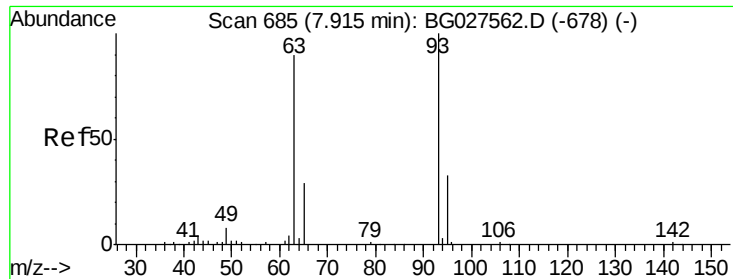
Delta R.T. 0.00 min

Lab File: BG027588.D

Acq: 22 Jun 2017 9:42

Tgt Ion:	94	Resp:	127897
Ion Ratio	Lower	Upper	
94	100		
65	35.2	20.6	60.6
66	49.7	35.5	75.5





#11

bis(2-Chloroethyl)ether

Concen: 47.943 ng

RT: 7.91 min Scan# 684

Delta R.T. -0.01 min

Lab File: BG027588.D

Acq: 22 Jun 2017 9:42

Instrument :

BNA_G

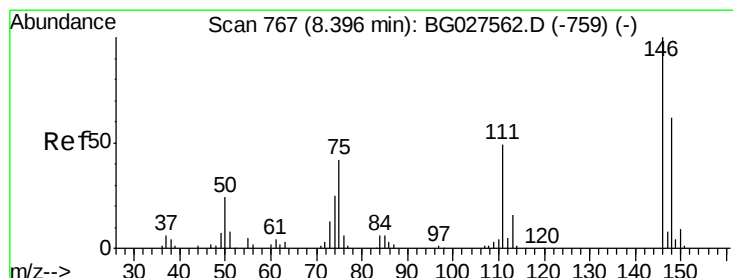
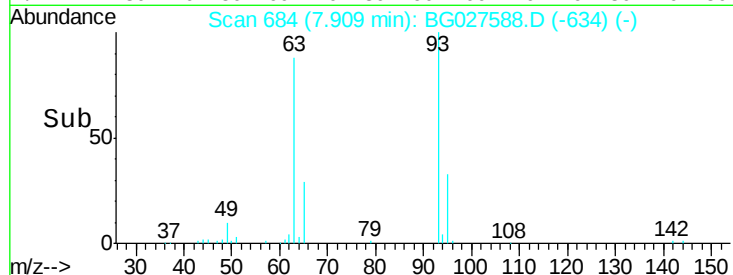
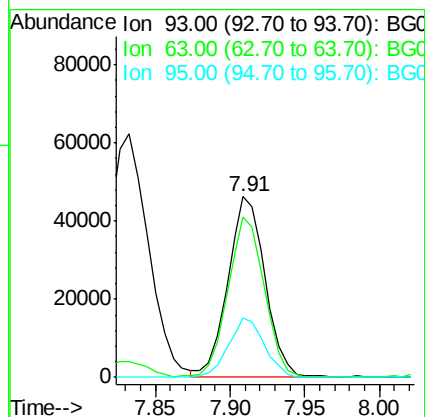
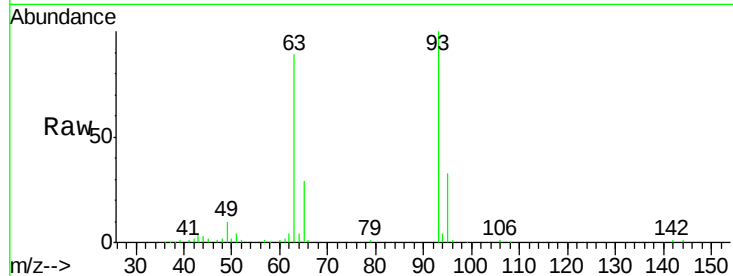
ClientSampleId :

SB-02-7.5-8.0MS

Tgt Ion:	93	Resp:	80583
Ion	Ratio	Lower	Upper
93	100		
63	88.7	78.5	118.5
95	32.8	9.8	49.8

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#12

1,3-Dichlorobenzene

Concen: 48.014 ng

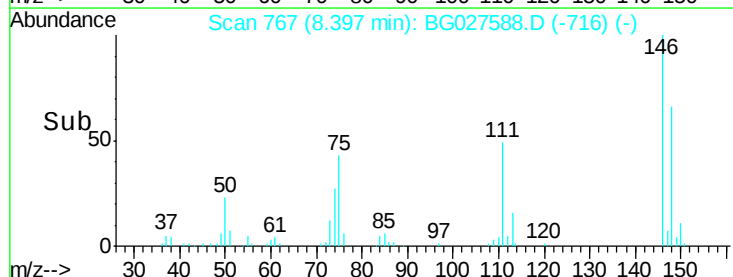
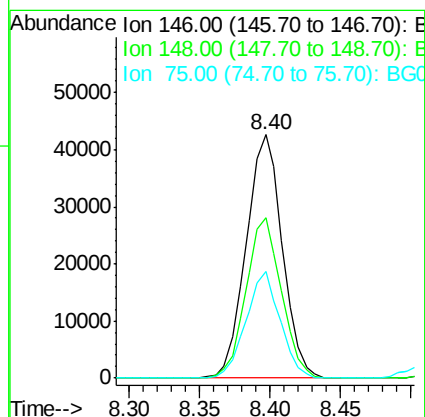
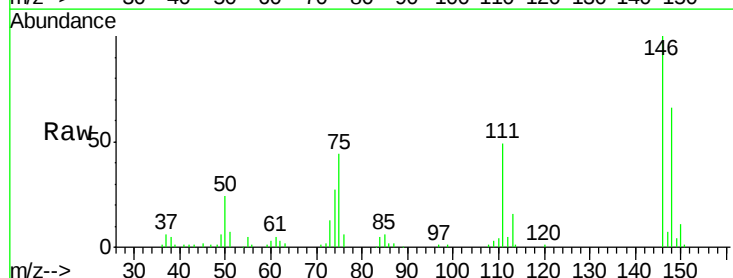
RT: 8.40 min Scan# 767

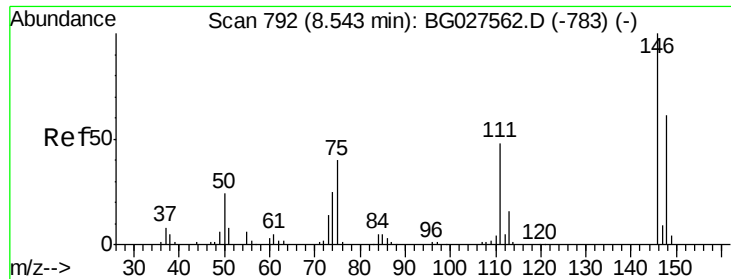
Delta R.T. 0.00 min

Lab File: BG027588.D

Acq: 22 Jun 2017 9:42

Tgt Ion:	146	Resp:	76366
Ion	Ratio	Lower	Upper
146	100		
148	65.8	49.2	73.8
75	43.7	33.4	50.2





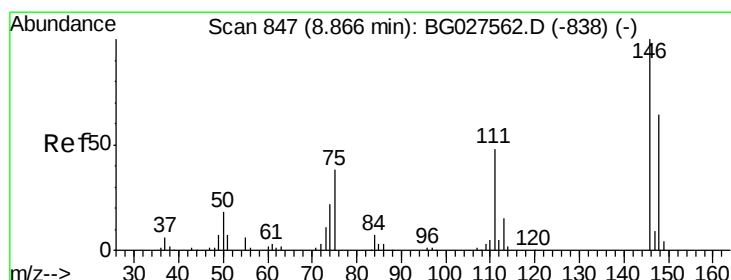
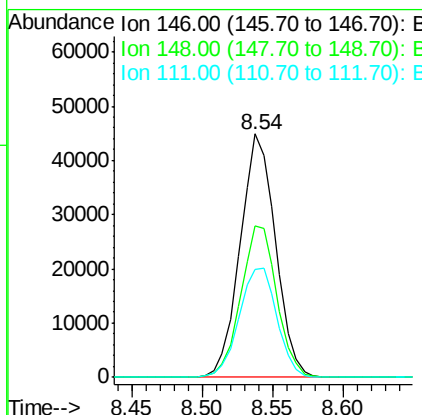
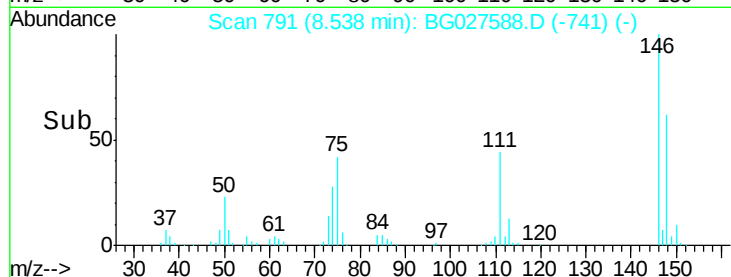
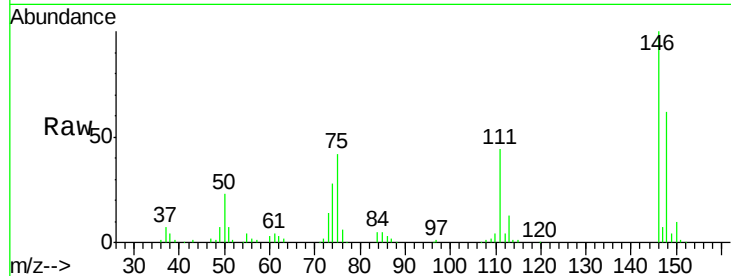
#13
 1,4-Dichlorobenzene
 Concen: 48.938 ng
 RT: 8.54 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BG027588.D
 Acq: 22 Jun 2017 9:42

Instrument :
 BNA_G
 ClientSampleId :
 SB-02-7.5-8.0MS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.4	52.2	78.2
111	44.3	37.0	55.6

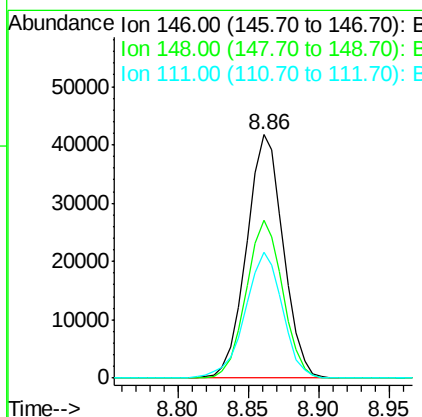
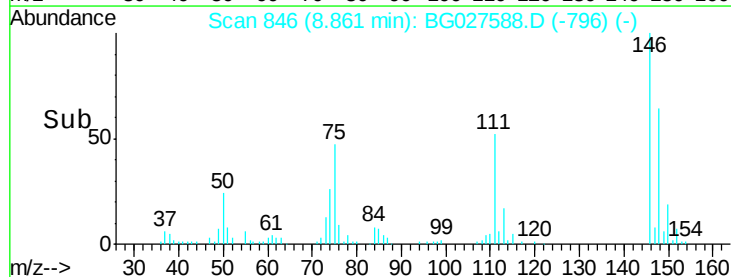
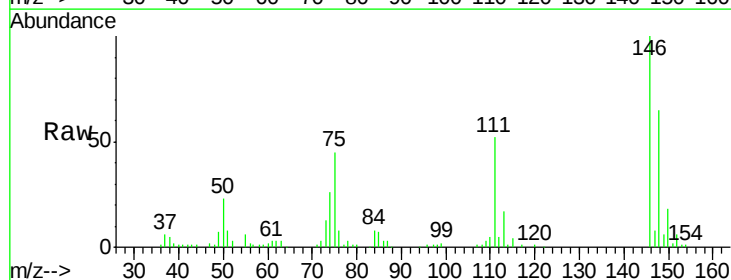
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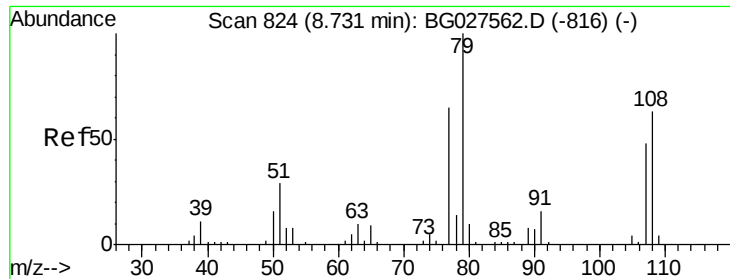
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 48.183 ng
 RT: 8.86 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: BG027588.D
 Acq: 22 Jun 2017 9:42

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	54.6	81.8
111	51.9	39.7	59.5





#15

Benzyl Alcohol

Concen: 56.879 ng

RT: 8.73 min Scan# 824

Delta R.T. 0.00 min

Lab File: BG027588.D

Acq: 22 Jun 2017 9:42

Instrument :

BNA_G

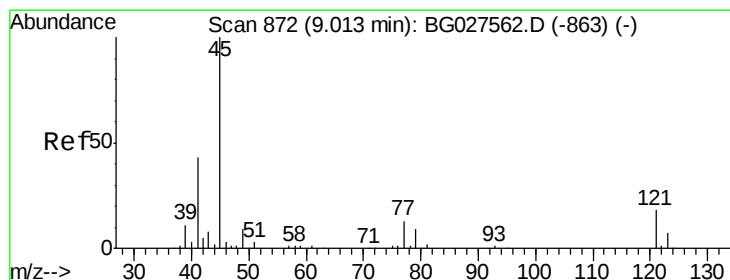
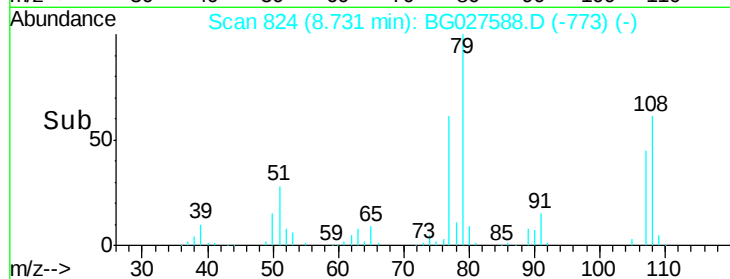
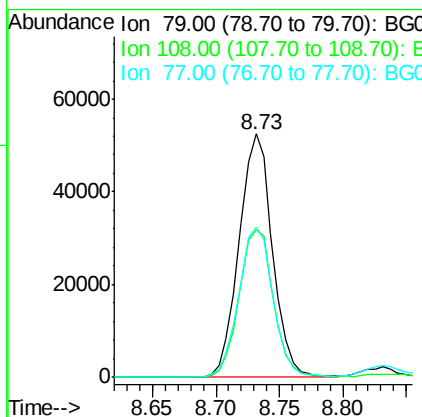
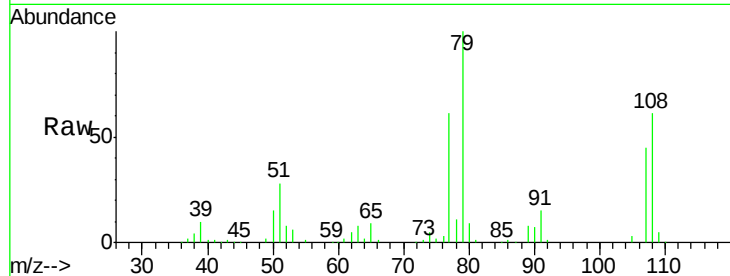
ClientSampled :

SB-02-7.5-8.0MS

Tgt Ion:	79	Resp:	95732
Ion Ratio	Lower	Upper	
79	100		
108	60.8	45.5	68.3
77	61.4	54.3	81.5

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.301 ng

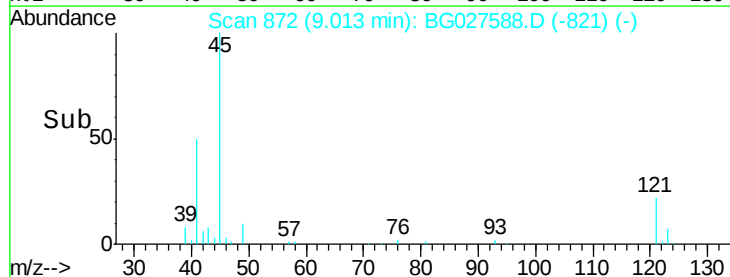
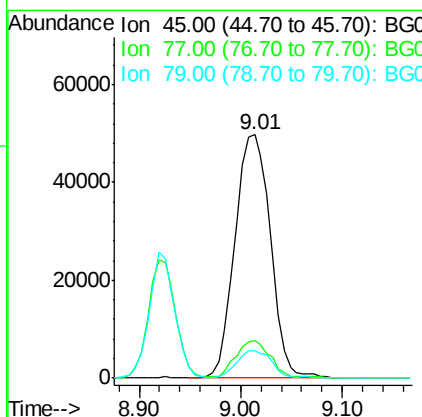
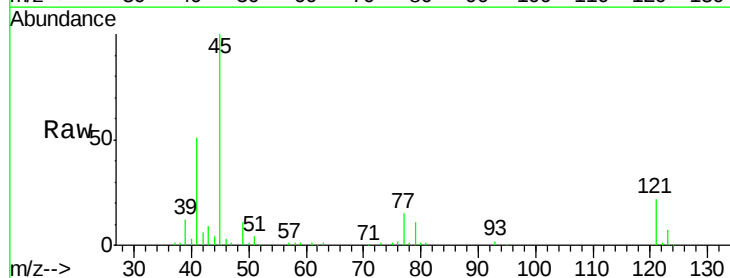
RT: 9.01 min Scan# 872

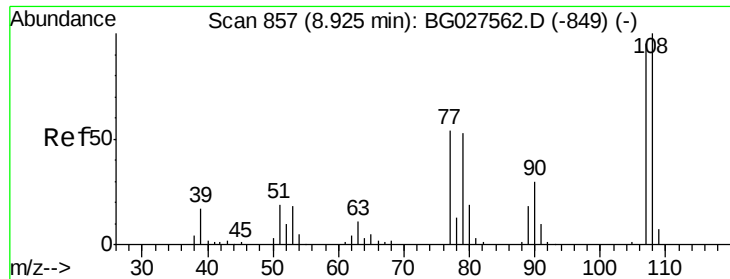
Delta R.T. 0.00 min

Lab File: BG027588.D

Acq: 22 Jun 2017 9:42

Tgt Ion:	45	Resp:	120756
Ion Ratio	Lower	Upper	
45	100		
77	15.5	0.0	30.6
79	11.1	0.0	28.5





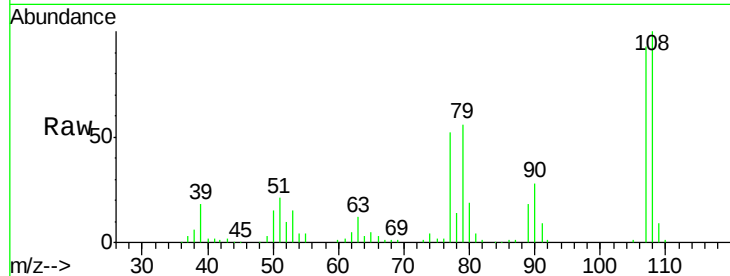
#17
2-Methylphenol
Concen: 52.215 ng
RT: 8.92 min Scan# 856
Delta R.T. -0.01 min
Lab File: BG027588.D
Acq: 22 Jun 2017 9:42

Instrument :
BNA_G
ClientSampleId :
SB-02-7.5-8.0MS

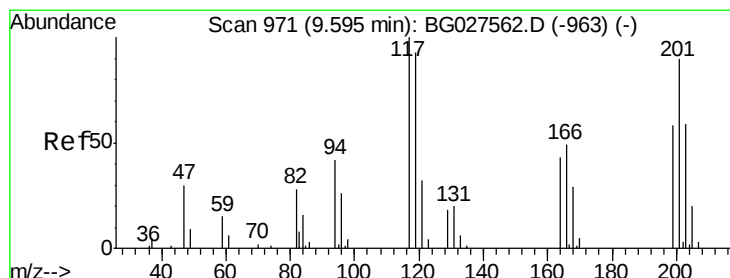
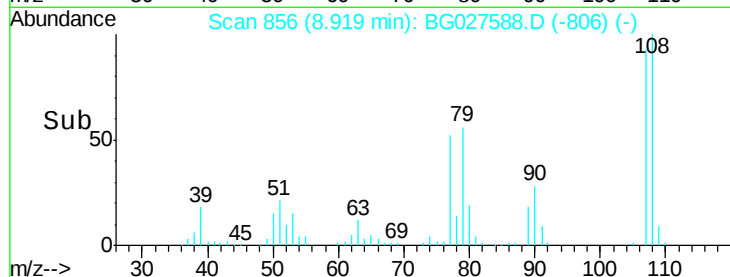
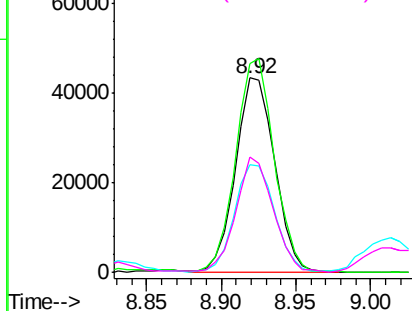
Tgt Ion	Ratio	Resp	Lower	Upper
107	100	78902		
108	107.5	85.6	128.4	
77	55.7	51.4	77.2	
79	59.7	49.2	73.8	

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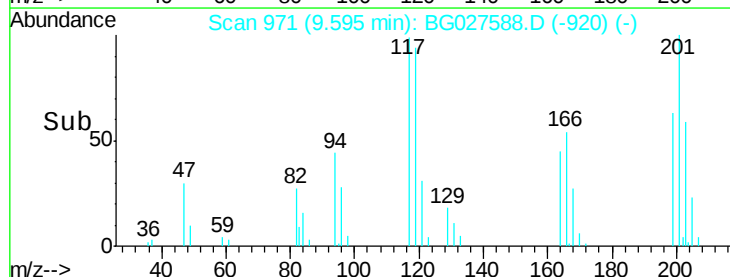
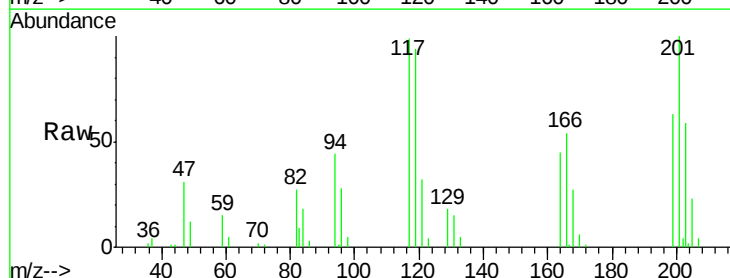
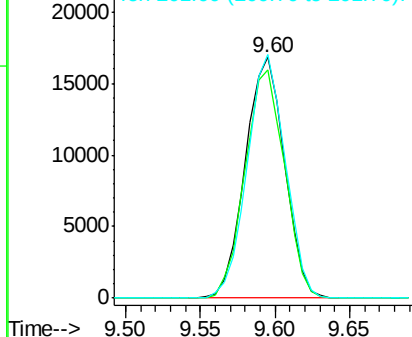
Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

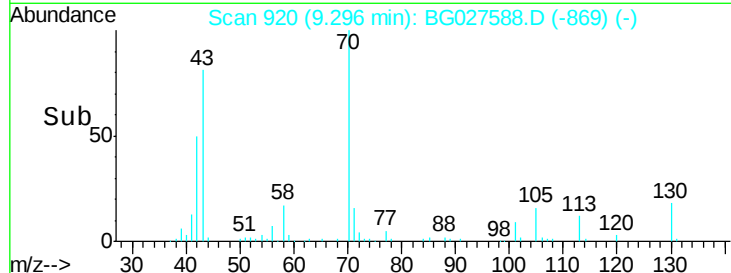
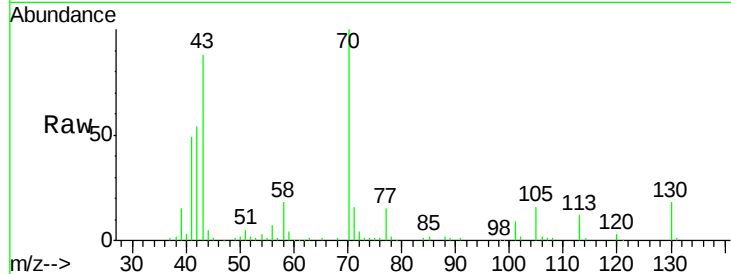
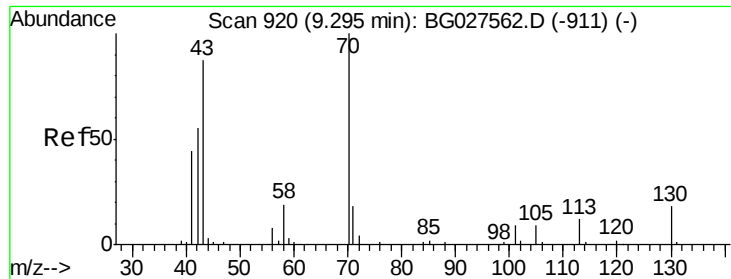


#18
Hexachloroethane
Concen: 48.639 ng
RT: 9.60 min Scan# 971
Delta R.T. 0.00 min
Lab File: BG027588.D
Acq: 22 Jun 2017 9:42

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	30627		
119	94.8	69.8	104.6	
201	101.2	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





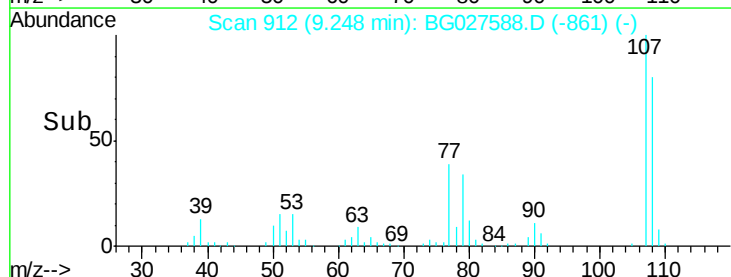
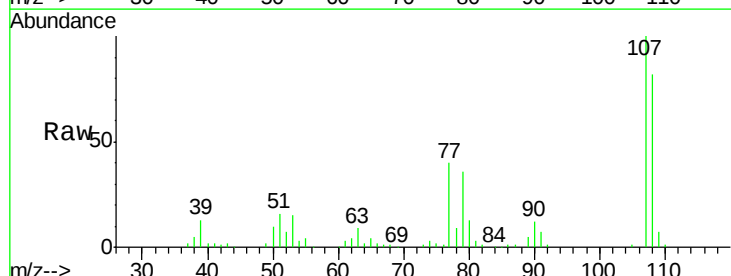
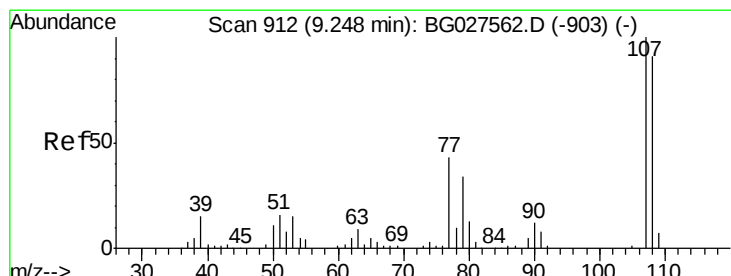
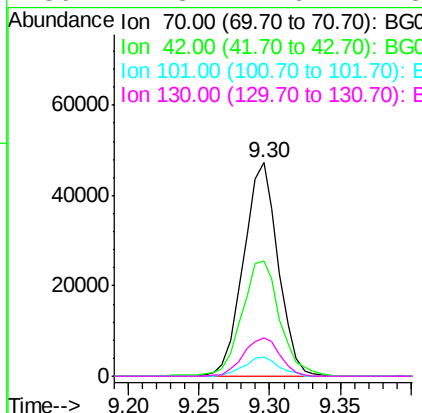
#19
n-Nitroso-di-n-propylamine
Concen: 48.329 ng
RT: 9.30 min Scan# 920
Delta R.T. 0.00 min
Lab File: BG027588.D
Acq: 22 Jun 2017 9:42

Instrument :
BNA_G
ClientSampleId :
SB-02-7.5-8.0MS

Tgt Ion	Ion	Ratio	Lower	Upper
70	100			
42	54.0	56.1	84.1#	
101	8.8	7.5	11.3	
130	17.8	14.6	21.8	

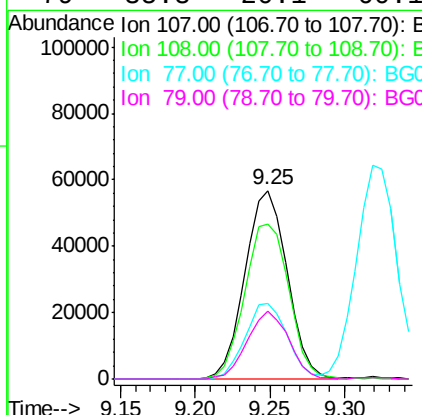
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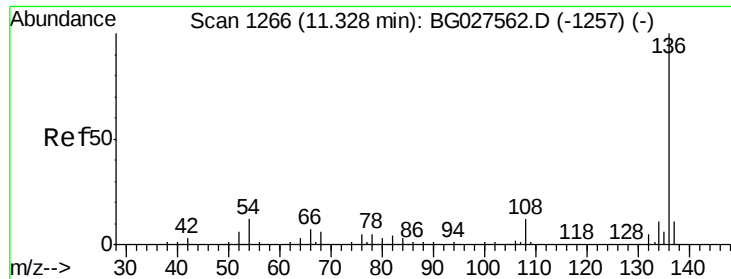
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#20
3+4-Methylphenols
Concen: 53.671 ng
RT: 9.25 min Scan# 912
Delta R.T. 0.00 min
Lab File: BG027588.D
Acq: 22 Jun 2017 9:42

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	81.9	70.8	110.8	
77	40.2	25.8	65.8	
79	35.8	20.1	60.1	





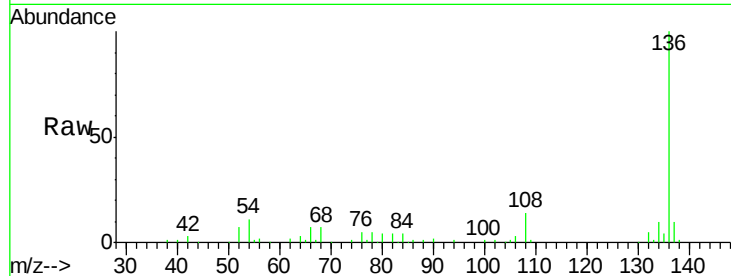
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.32 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BG027588.D
Acq: 22 Jun 2017 9:42

Instrument :
BNA_G
ClientSampleId :
SB-02-7.5-8.0MS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	100736		
137	10.4	8.9	13.3	
54	11.2	9.3	13.9	
68	6.6	5.1	7.7	

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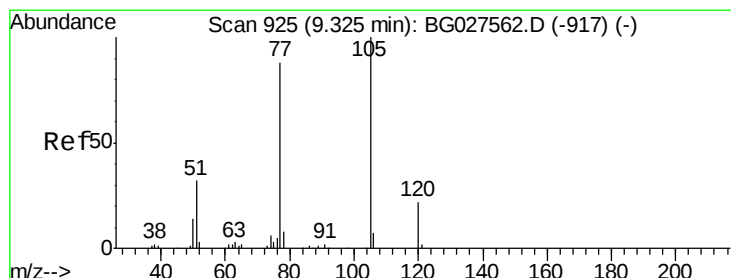
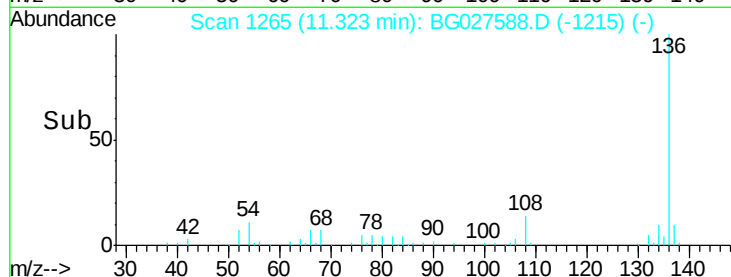
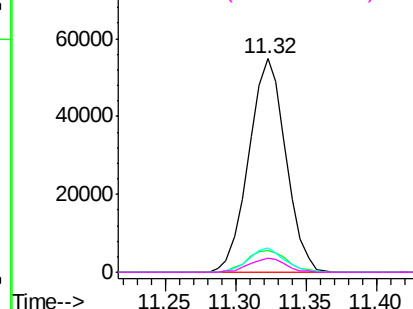
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 51.177 ng
RT: 9.32 min Scan# 925
Delta R.T. 0.00 min
Lab File: BG027588.D
Acq: 22 Jun 2017 9:42

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	141378		
71	0.2	0.9	1.3#	
51	30.1	34.0	51.0#	
120	20.3	17.3	25.9	

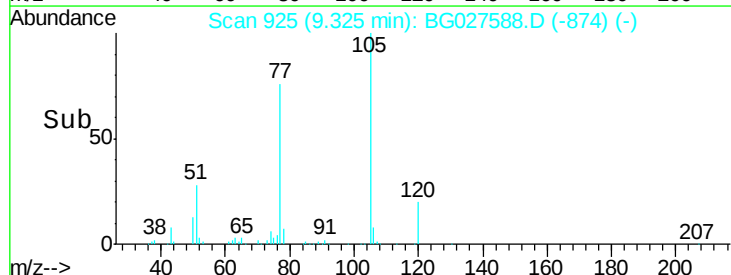
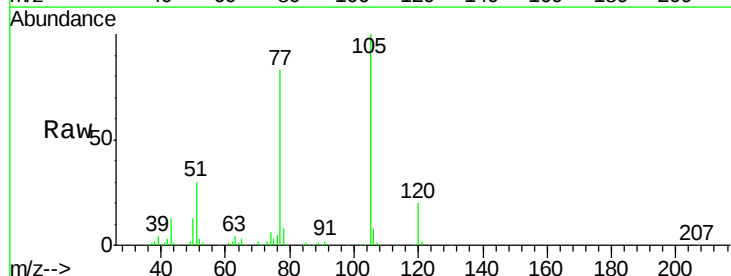
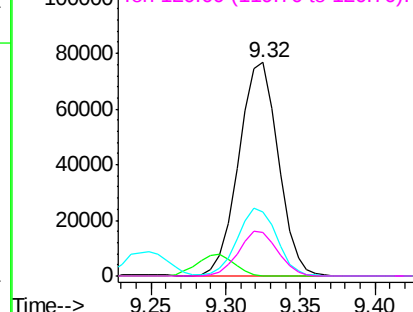
Abundance

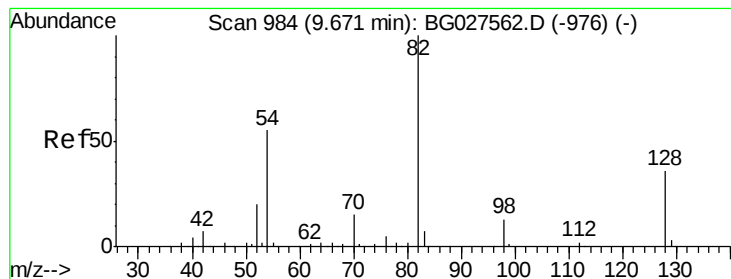
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 102.971 ng

RT: 9.67 min Scan# 984

Delta R.T. 0.00 min

Lab File: BG027588.D

Acq: 22 Jun 2017 9:42

Instrument :

BNA_G

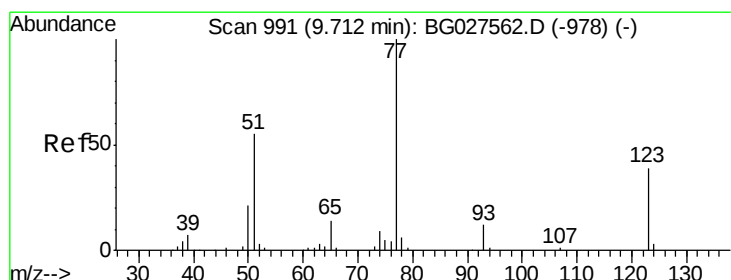
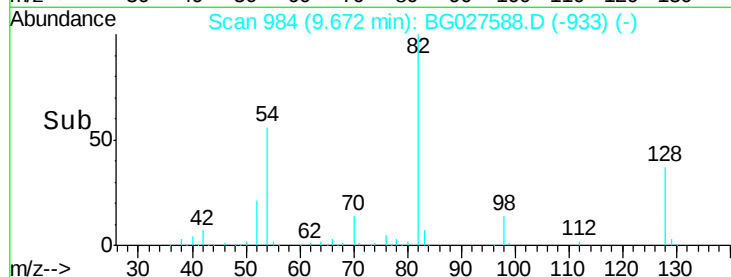
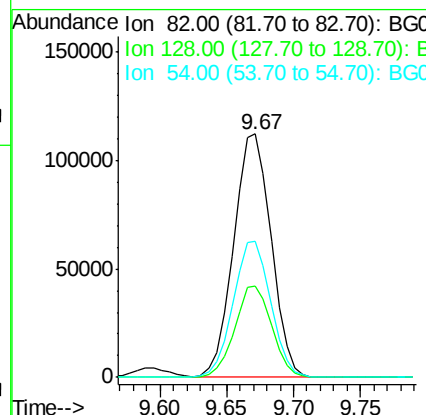
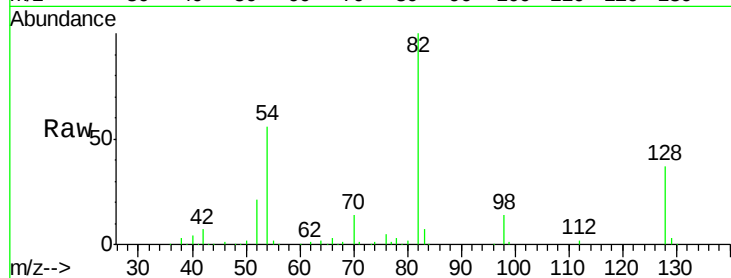
ClientSampleId :

SB-02-7.5-8.0MS

Tgt Ion:	82	Resp:	219213
Ion Ratio	Lower	Upper	
82	100		
128	37.5	26.4	39.6
54	56.0	49.4	74.2

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#24

Nitrobenzene

Concen: 49.734 ng

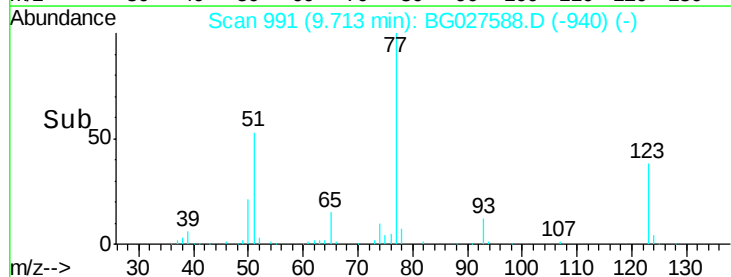
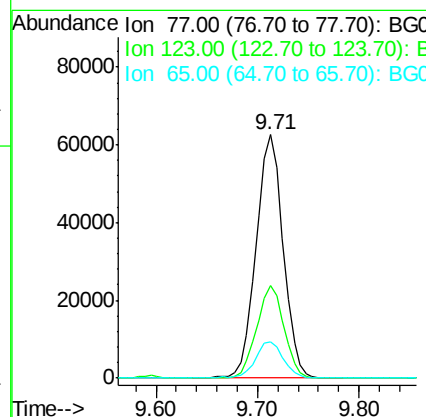
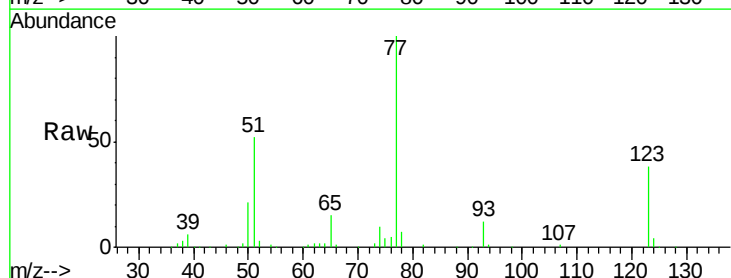
RT: 9.71 min Scan# 991

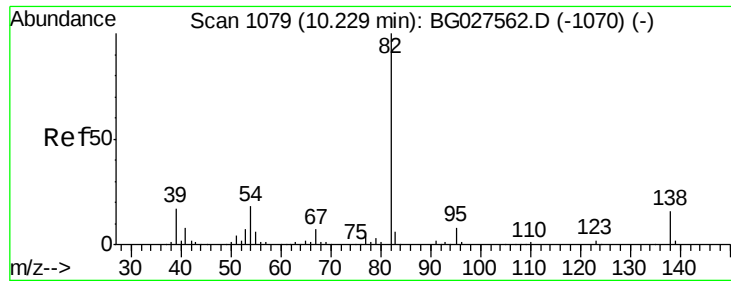
Delta R.T. 0.00 min

Lab File: BG027588.D

Acq: 22 Jun 2017 9:42

Tgt Ion:	77	Resp:	116055
Ion Ratio	Lower	Upper	
77	100		
123	38.0	26.1	39.1
65	14.8	12.4	18.6





#25

Isophorone

Concen: 50.069 ng

RT: 10.23 min Scan# 1079

Delta R.T. 0.00 min

Lab File: BG027588.D

Acq: 22 Jun 2017 9:42

Instrument :

BNA_G

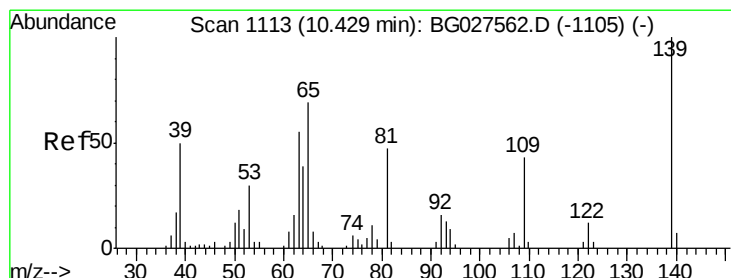
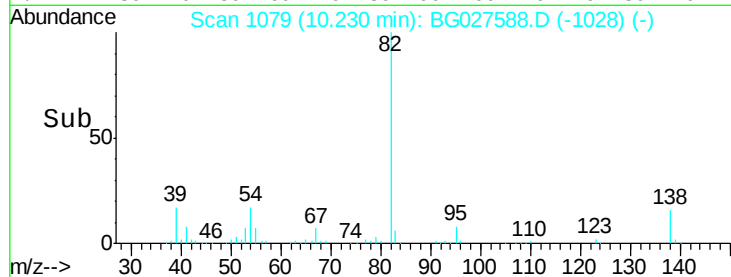
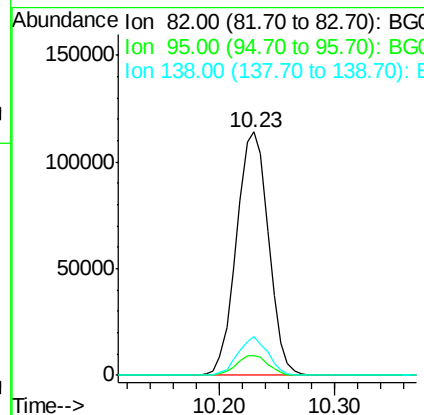
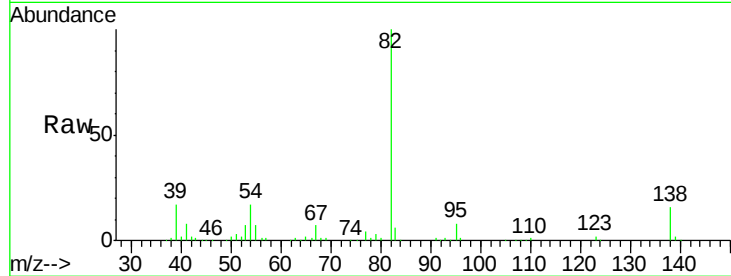
ClientSampleId :

SB-02-7.5-8.0MS

Tgt Ion:	82	Resp:	218999
Ion Ratio		Lower	Upper
82	100		
95	8.1	7.5	11.3
138	16.1	12.3	18.5

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#26

2-Nitrophenol

Concen: 53.300 ng

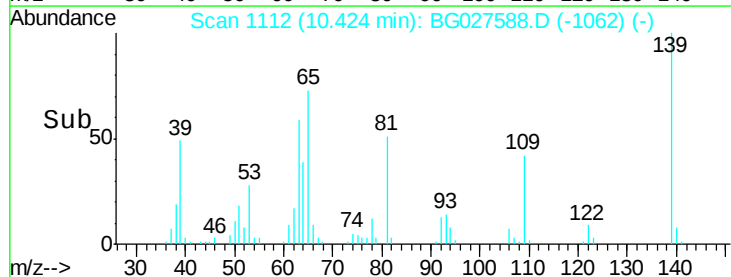
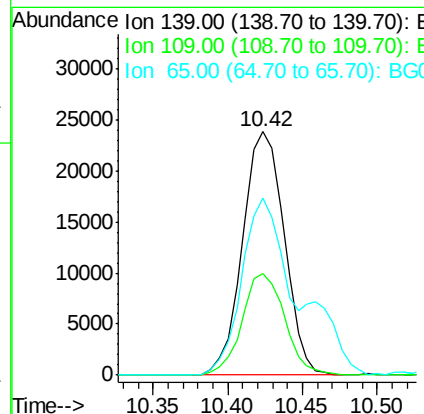
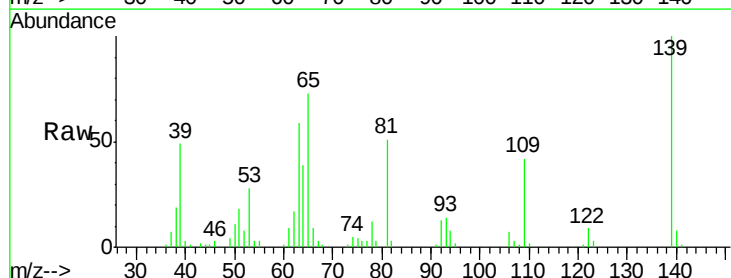
RT: 10.42 min Scan# 1112

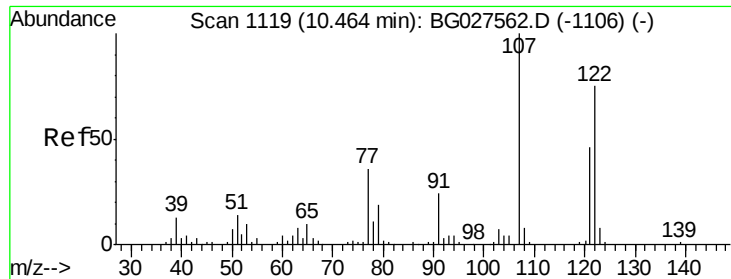
Delta R.T. -0.01 min

Lab File: BG027588.D

Acq: 22 Jun 2017 9:42

Tgt Ion:	139	Resp:	46005
Ion Ratio		Lower	Upper
139	100		
109	41.7	38.6	58.0
65	73.0	57.1	85.7





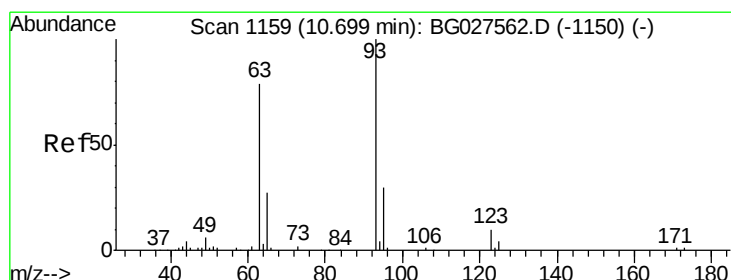
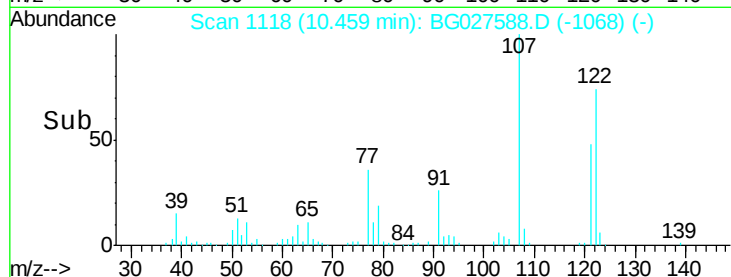
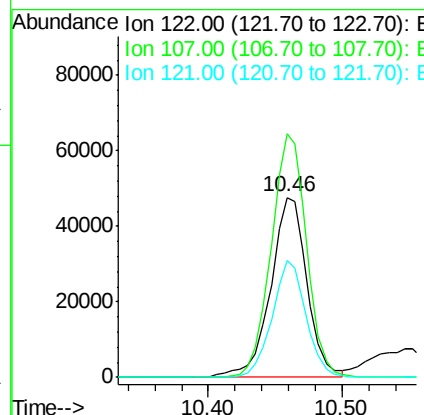
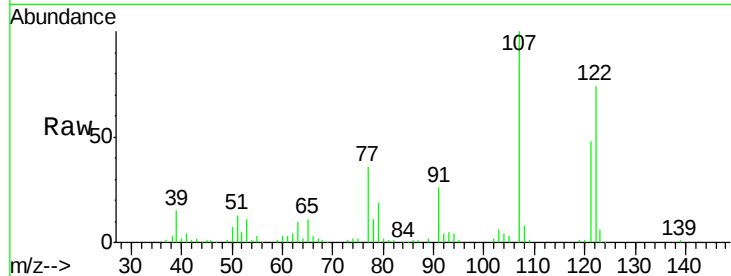
#27
2,4-Dimethylphenol
Concen: 55.390 ng
RT: 10.46 min Scan# 1118
Delta R.T. -0.01 min
Lab File: BG027588.D
Acq: 22 Jun 2017 9:42

Instrument :
BNA_G
ClientSampleId :
SB-02-7.5-8.0MS

Tgt Ion	Ratio	Lower	Upper
122	100		
107	135.2	104.2	156.4
121	64.7	46.0	69.0

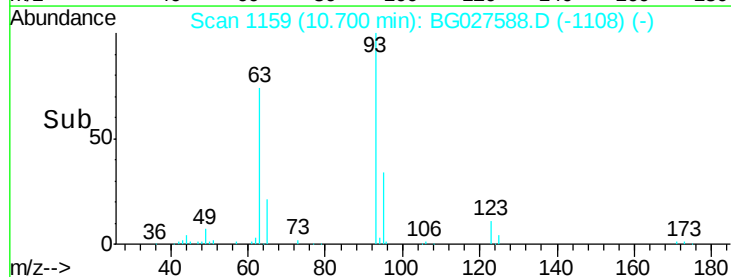
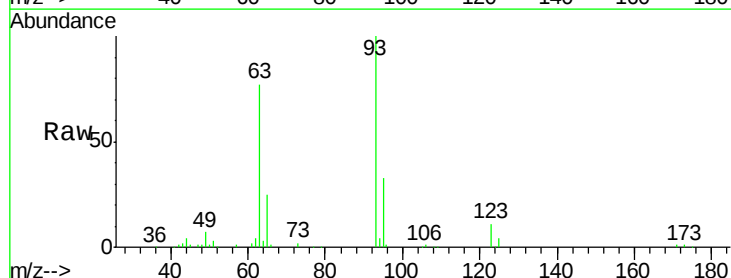
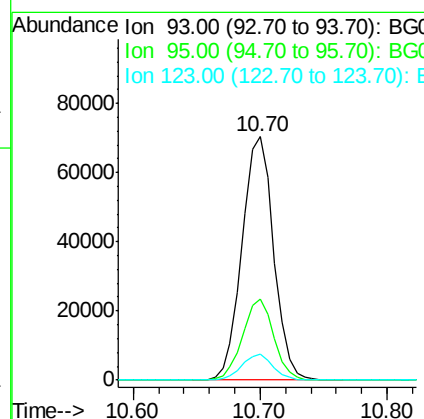
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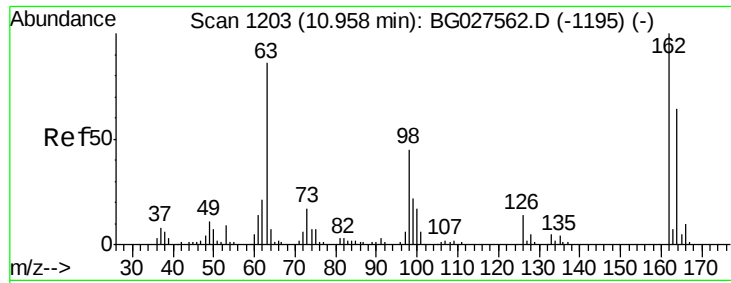
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 49.285 ng
RT: 10.70 min Scan# 1159
Delta R.T. 0.00 min
Lab File: BG027588.D
Acq: 22 Jun 2017 9:42

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.2	25.7	38.5
123	10.8	8.3	12.5





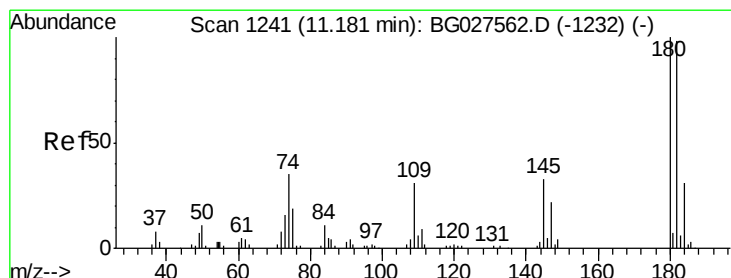
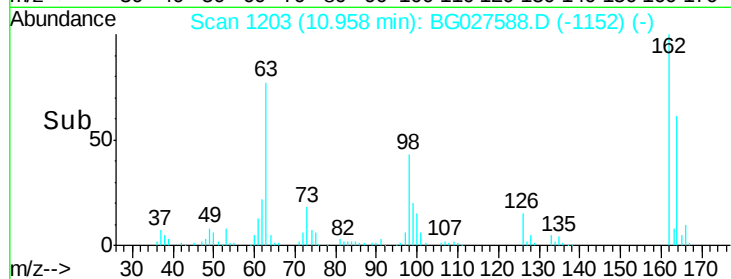
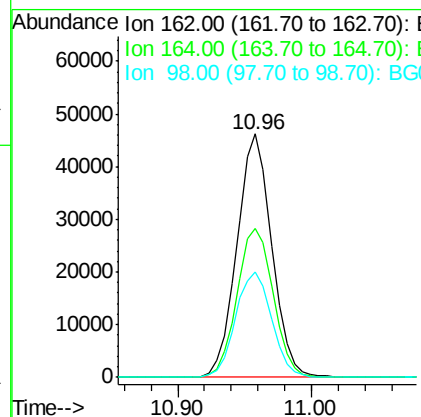
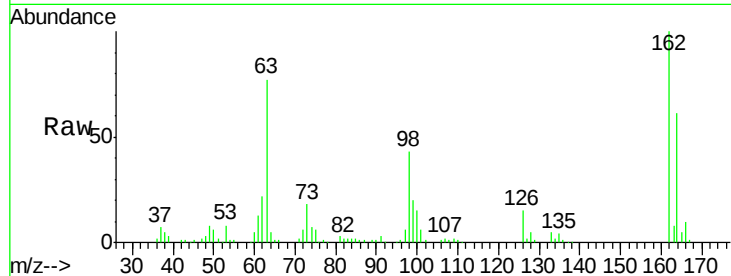
#29
 2,4-Dichlorophenol
 Concen: 59.378 ng
 RT: 10.96 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: BG027588.D
 Acq: 22 Jun 2017 9:42

Instrument :
 BNA_G
 ClientSampleId :
 SB-02-7.5-8.0MS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	83601		
164	61.2	42.4	82.4	
98	43.3	20.3	60.3	

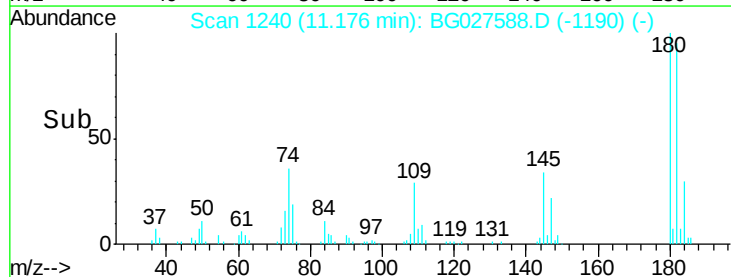
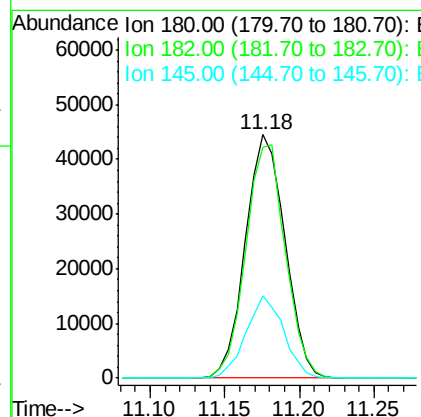
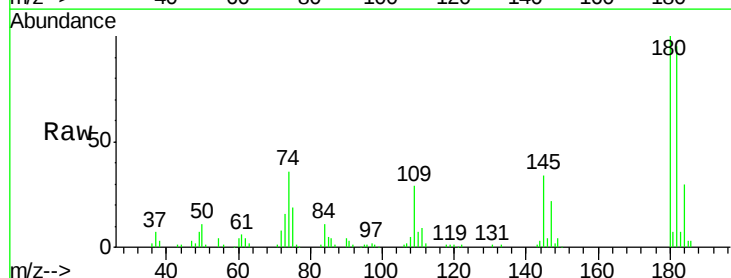
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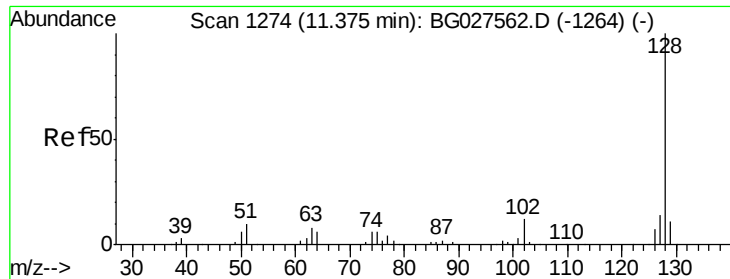
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#30
 1,2,4-Trichlorobenzene
 Concen: 50.651 ng
 RT: 11.18 min Scan# 1240
 Delta R.T. -0.01 min
 Lab File: BG027588.D
 Acq: 22 Jun 2017 9:42

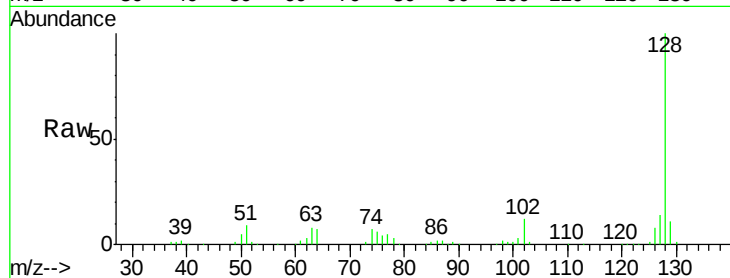
Tgt Ion	Ratio	Resp	Lower	Upper
180	100	81531		
182	94.7	77.0	115.4	
145	34.0	23.4	35.0	





#31
Naphthalene
Concen: 49.408 ng
RT: 11.38 min Scan# 1274
Delta R.T. 0.00 min
Lab File: BG027588.D
Acq: 22 Jun 2017 9:42

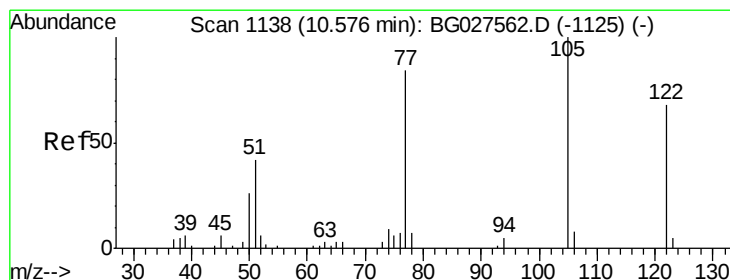
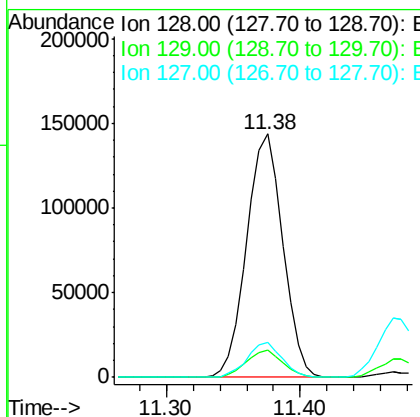
Instrument :
BNA_G
ClientSampleId :
SB-02-7.5-8.0MS



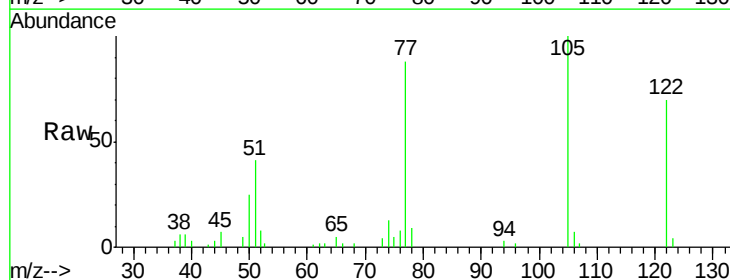
Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		
129	11.0	9.3	13.9
127	14.4	11.4	17.0

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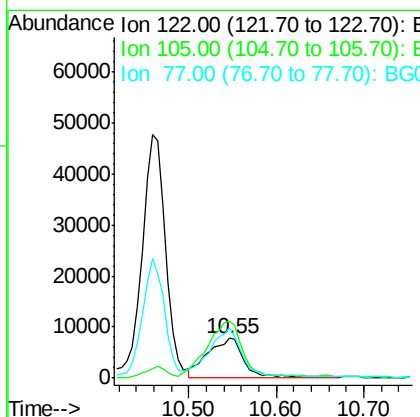
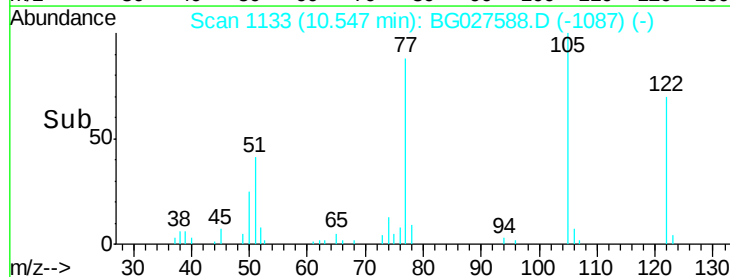
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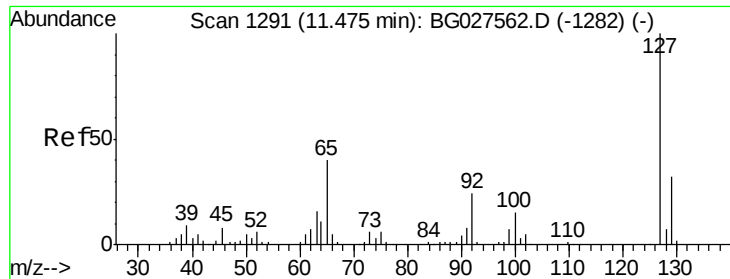


#32
Benzoic acid
Concen: 23.846 ng
RT: 10.55 min Scan# 1133
Delta R.T. -0.03 min
Lab File: BG027588.D
Acq: 22 Jun 2017 9:42



Tgt Ion	Ratio	Resp Lower	Resp Upper
122	100		
105	143.6	120.1	160.1
77	126.5	104.6	144.6





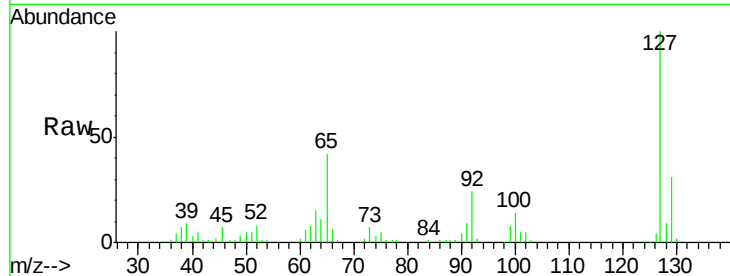
#33
4-Chloroaniline
Concen: 30.653 ng
RT: 11.47 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BG027588.D
Acq: 22 Jun 2017 9:42

Instrument :
BNA_G
ClientSampleId :
SB-02-7.5-8.0MS

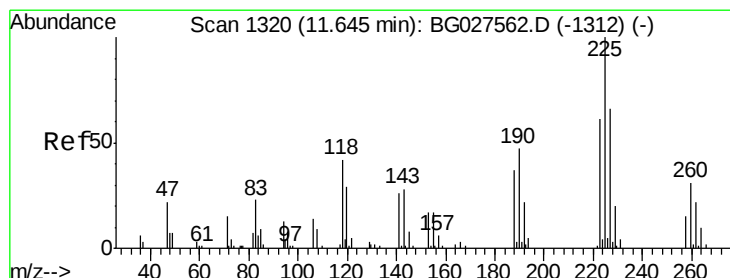
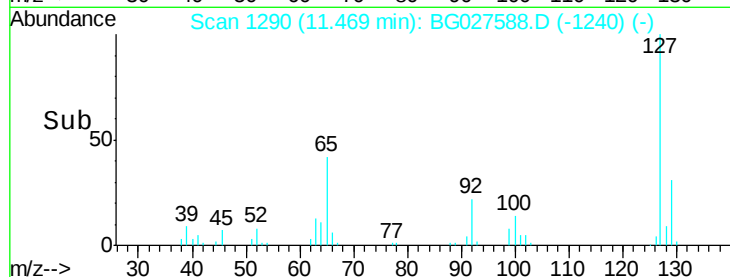
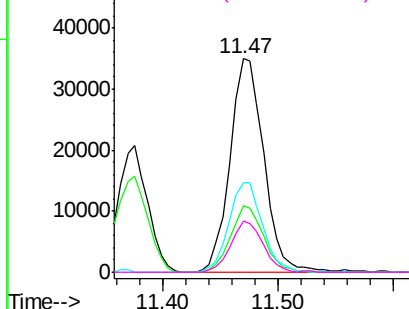
Tgt Ion	Ratio	Lower	Upper
127	100		
129	31.0	23.6	35.4
65	41.9	37.7	56.5
92	23.8	17.6	26.4

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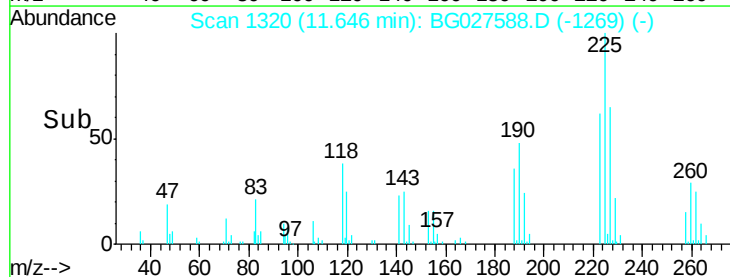
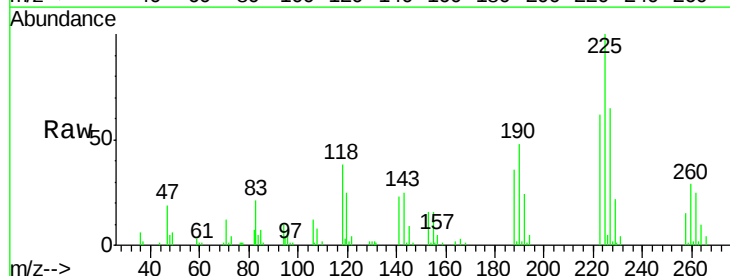
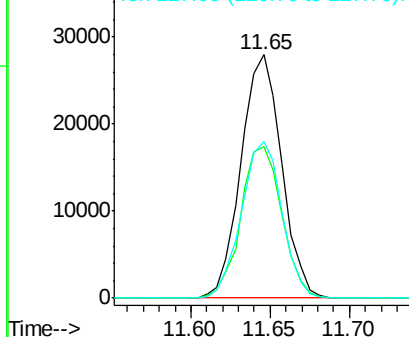
Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

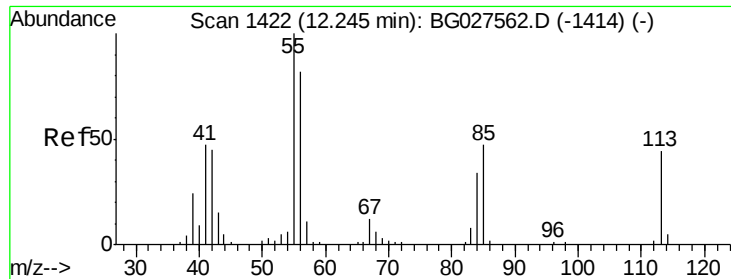


#34
Hexachlorobutadiene
Concen: 50.987 ng
RT: 11.65 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BG027588.D
Acq: 22 Jun 2017 9:42

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.2	50.7	76.1
227	64.6	49.0	73.6

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





#35

Caprolactam

Concen: 53.853 ng m

RT: 12.25 min Scan# 1423

Delta R.T. 0.01 min

Lab File: BG027588.D

Acq: 22 Jun 2017 9:42

Instrument :

BNA_G

ClientSampleId :

SB-02-7.5-8.0MS

Tgt Ion:113 Resp: 35338
Ion Ratio Lower Upper

113 100

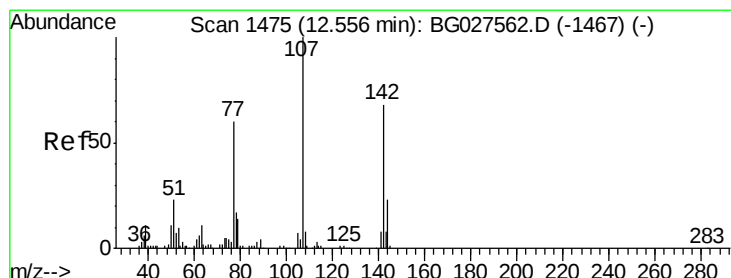
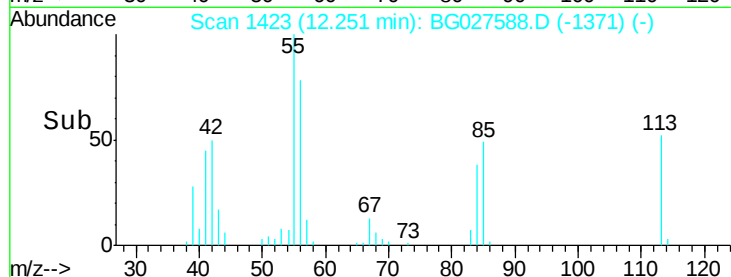
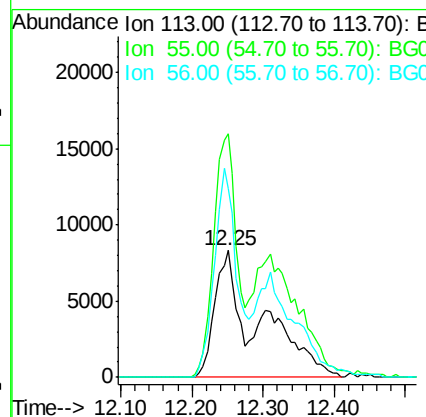
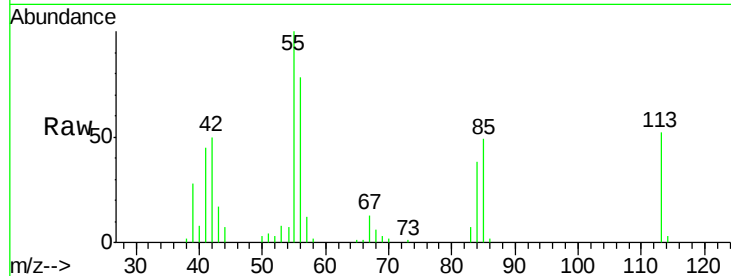
55 192.3 198.6 238.6#

56 149.4 140.4 180.4

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#36

4-Chloro-3-methylphenol

Concen: 57.666 ng

RT: 12.55 min Scan# 1474

Delta R.T. -0.01 min

Lab File: BG027588.D

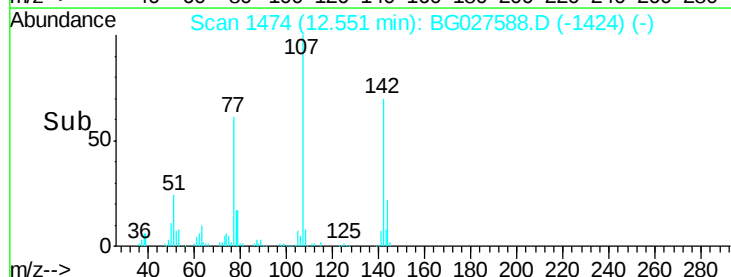
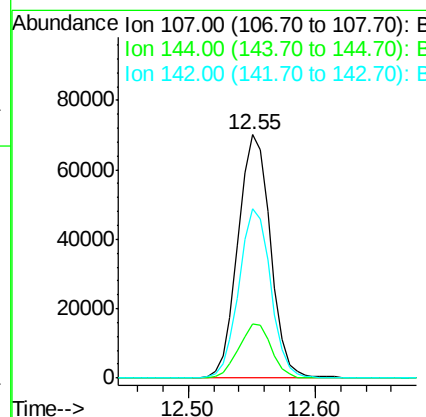
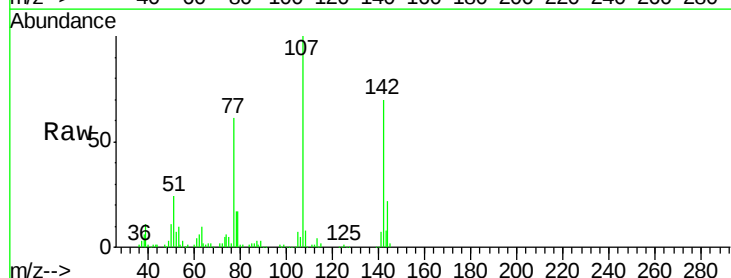
Acq: 22 Jun 2017 9:42

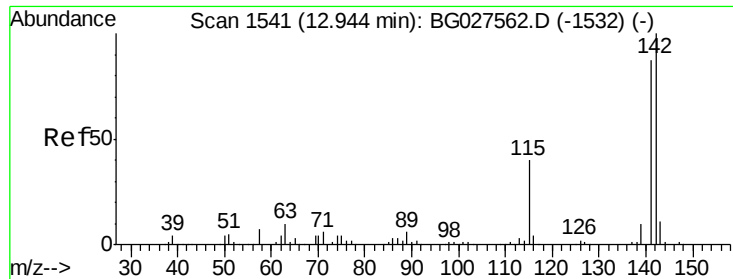
Tgt Ion:107 Resp: 124515
Ion Ratio Lower Upper

107 100

144 22.4 17.4 26.0

142 69.7 54.1 81.1





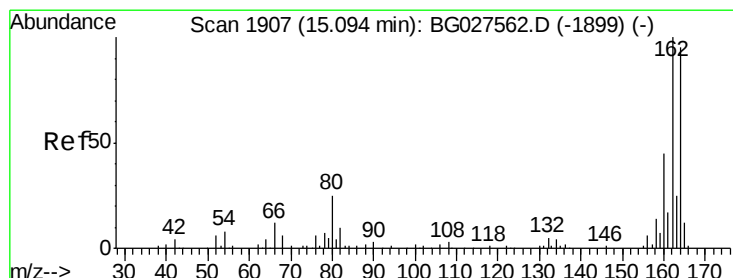
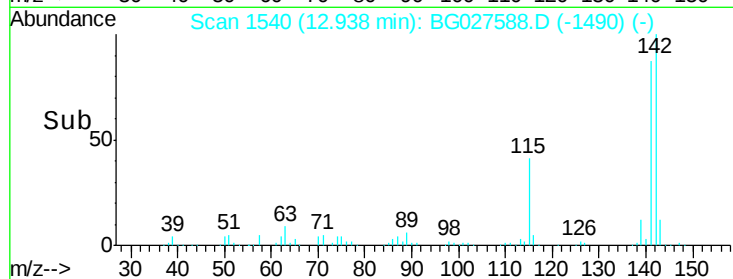
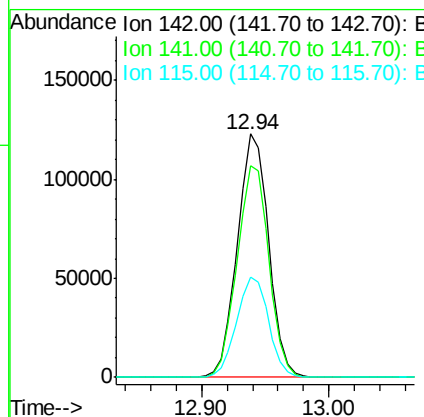
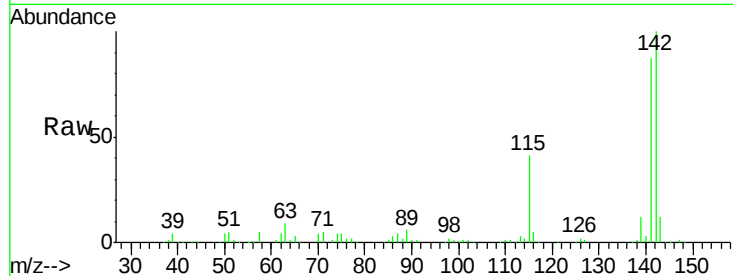
#37
 2-Methylnaphthalene
 Concen: 53.030 ng
 RT: 12.94 min Scan# 1540
 Delta R.T. -0.01 min
 Lab File: BG027588.D
 Acq: 22 Jun 2017 9:42

Instrument :
 BNA_G
 ClientSampleId :
 SB-02-7.5-8.0MS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	86.9	70.4	105.6
115	41.2	35.5	53.3

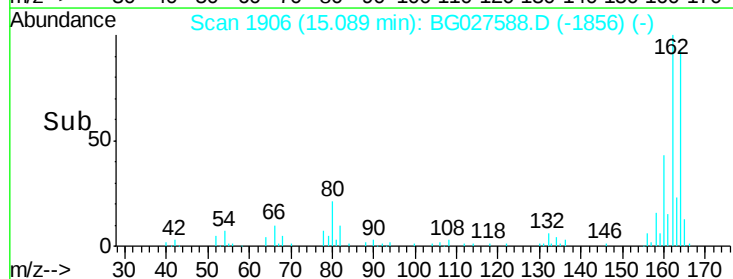
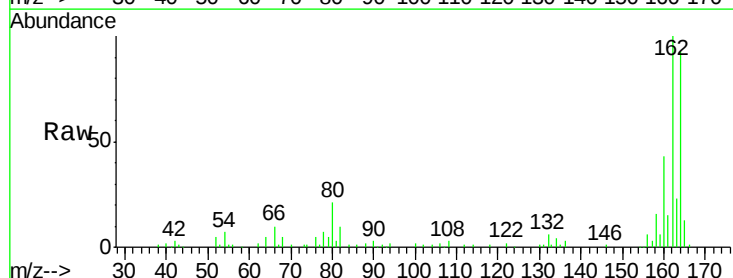
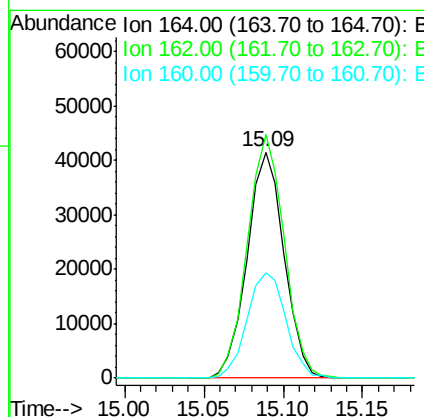
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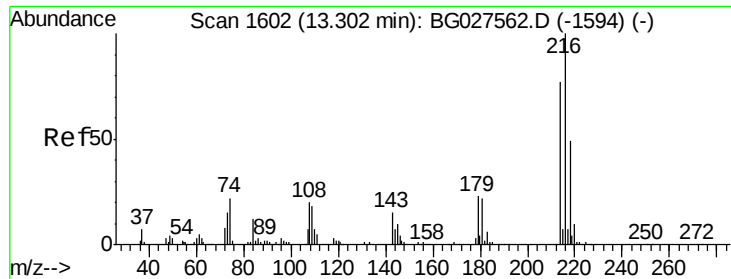
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.09 min Scan# 1906
 Delta R.T. -0.01 min
 Lab File: BG027588.D
 Acq: 22 Jun 2017 9:42

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.7	85.1	127.7
160	46.5	34.7	52.1





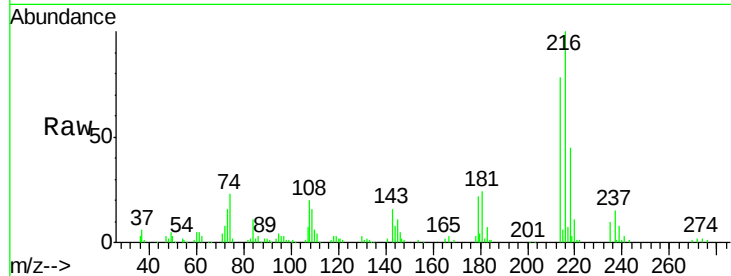
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 50.384 ng
 RT: 13.30 min Scan# 1601
 Delta R.T. -0.01 min
 Lab File: BG027588.D
 Acq: 22 Jun 2017 9:42

Instrument :
 BNA_G
 ClientSampleId :
 SB-02-7.5-8.0MS

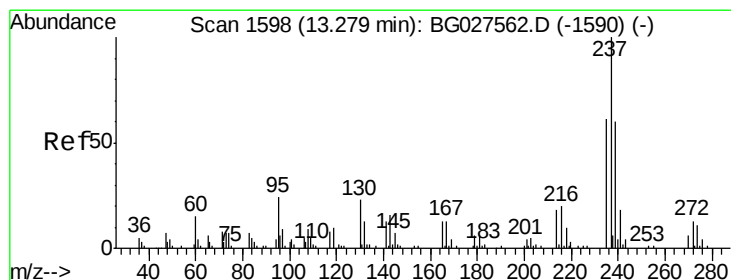
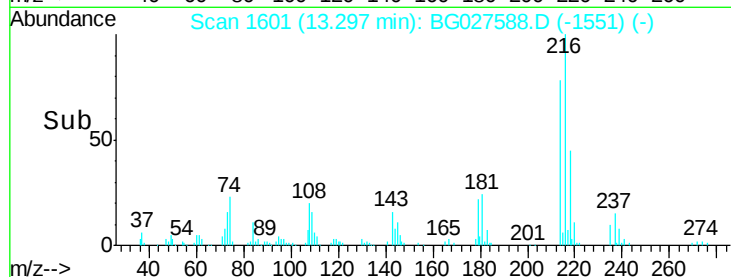
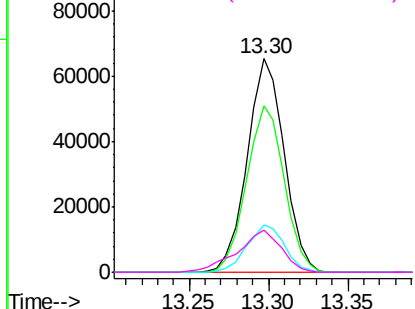
Tgt Ion	Ratio	Resp	Lower	Upper
216	100	105804		
214	79.4	64.4	96.6	
179	22.6	17.4	26.0	
108	23.2	15.6	23.4	

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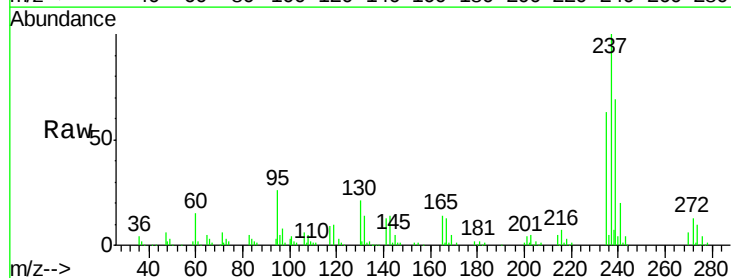


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

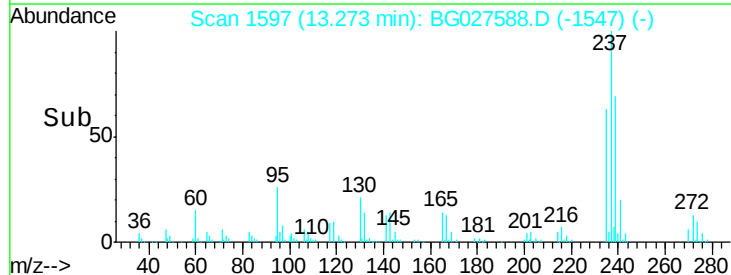
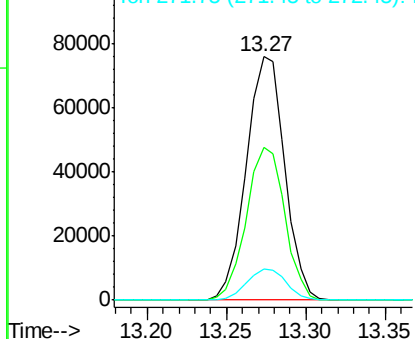


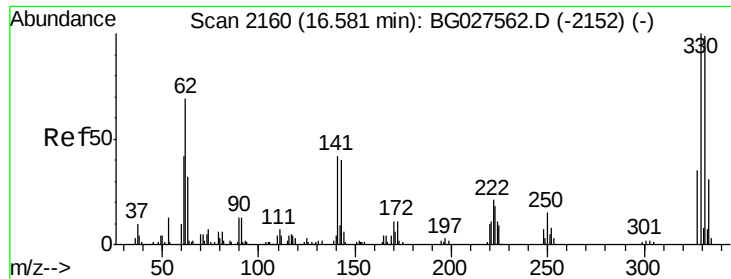
#40
 Hexachlorocyclopentadiene
 Concen: 113.589 ng
 RT: 13.27 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BG027588.D
 Acq: 22 Jun 2017 9:42

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	127854		
235	62.7	39.4	79.4	
272	12.7	0.0	32.0	



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: 172.605 ng

RT: 16.58 min Scan# 2159

Delta R.T. -0.01 min

Lab File: BG027588.D

Acq: 22 Jun 2017 9:42

Instrument :

BNA_G

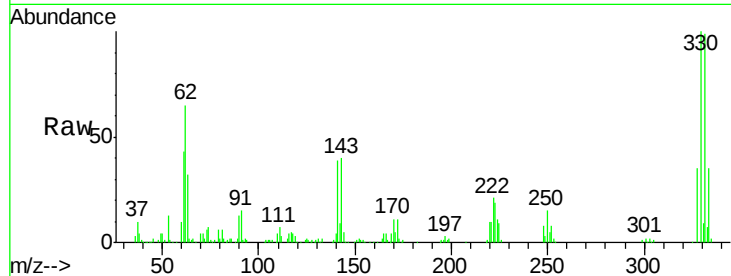
ClientSampleId :

SB-02-7.5-8.0MS

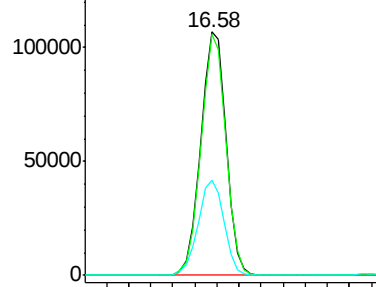
Tgt Ion:	330	Resp:	172319
Ion Ratio	Lower	Upper	
330	100		
332	96.9	77.3	115.9
141	39.7	32.1	48.1

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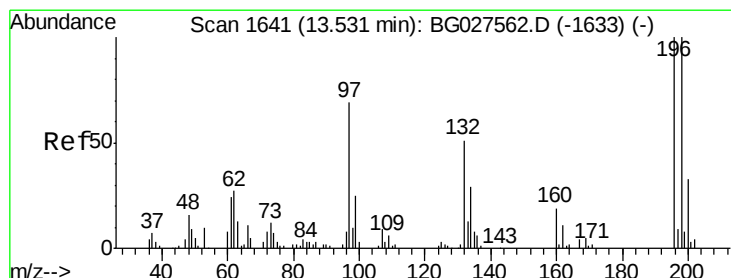
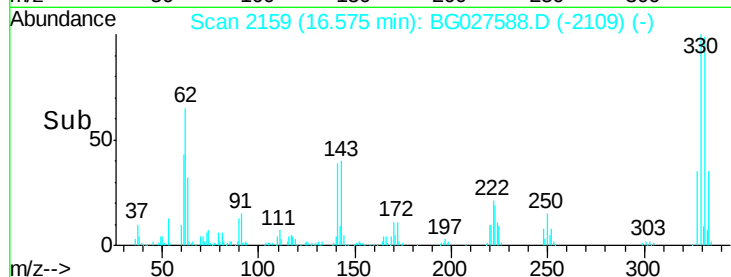
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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



Time-->



#42

2,4,6-Trichlorophenol

Concen: 56.759 ng

RT: 13.53 min Scan# 1640

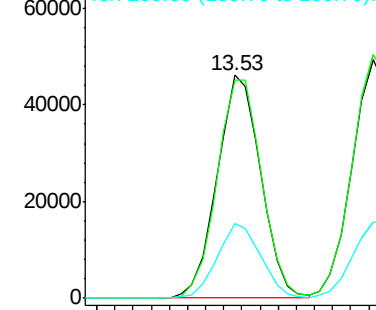
Delta R.T. -0.01 min

Lab File: BG027588.D

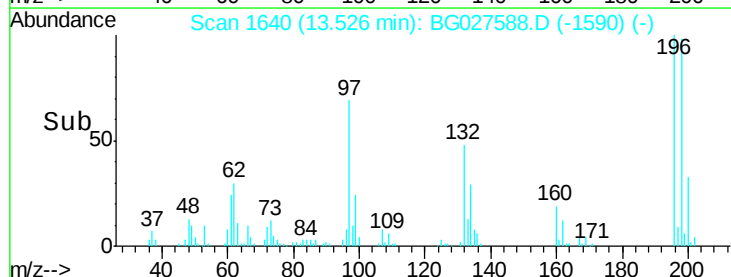
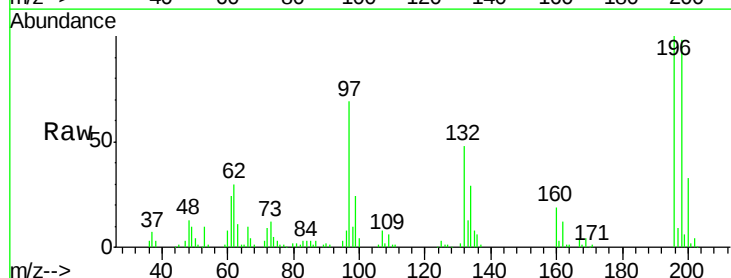
Acq: 22 Jun 2017 9:42

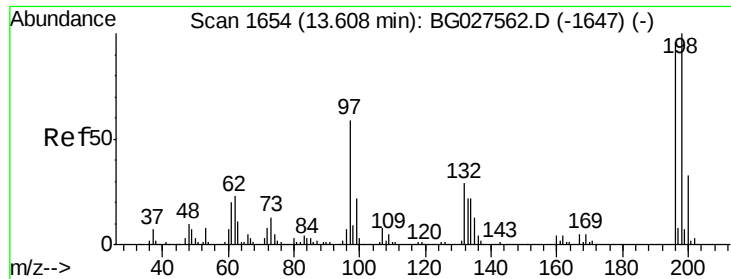
Tgt Ion:	196	Resp:	77020
Ion Ratio	Lower	Upper	
196	100		
198	97.6	81.4	122.2
200	33.2	27.0	40.6

Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E



Time-->





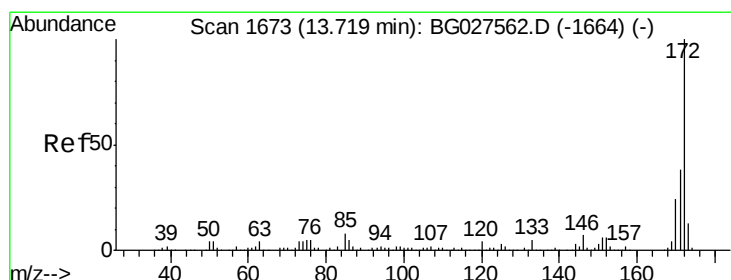
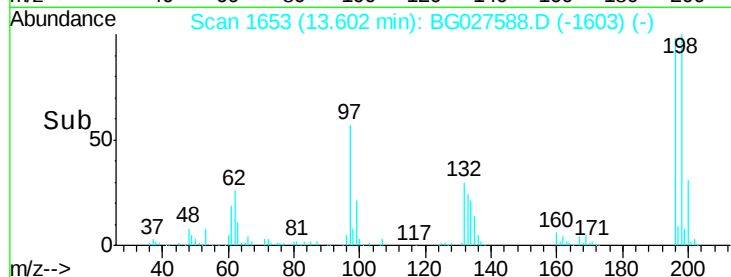
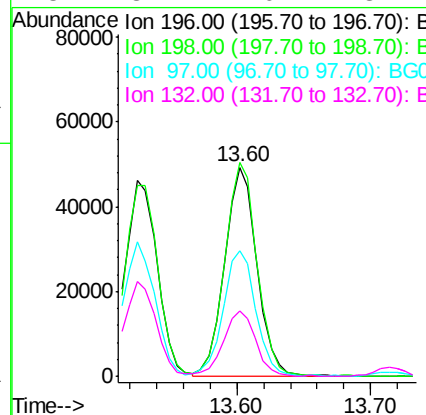
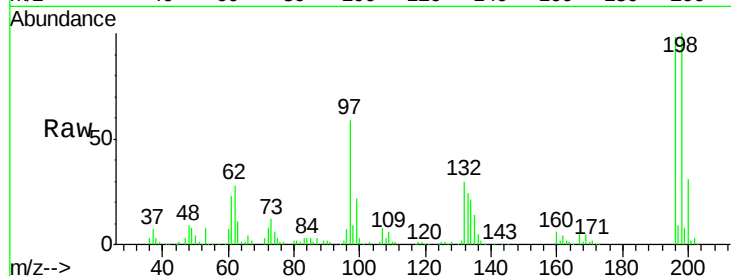
#43
 2,4,5-Trichlorophenol
 Concen: 52.371 ng
 RT: 13.60 min Scan# 1653
 Delta R.T. -0.01 min
 Lab File: BG027588.D
 Acq: 22 Jun 2017 9:42

Instrument :
 BNA_G
 ClientSampleId :
 SB-02-7.5-8.0MS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	83510		
198	102.3	79.9	119.9	
97	60.0	45.4	68.0	
132	31.1	20.7	31.1#	

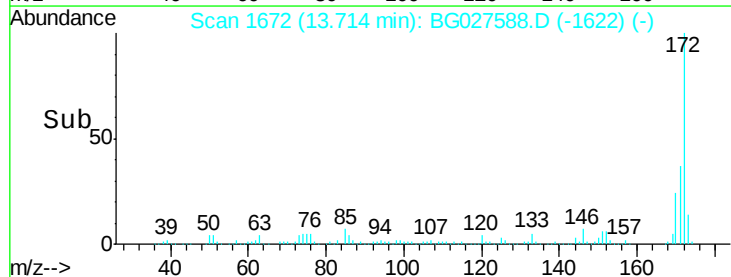
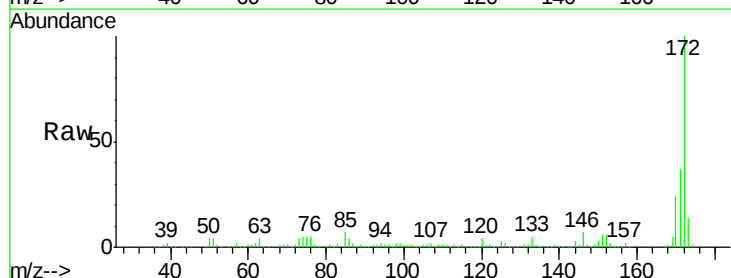
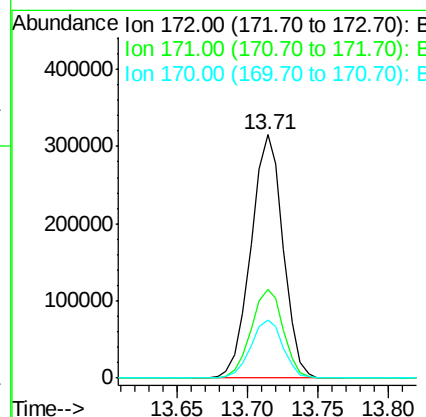
Manual Integrations
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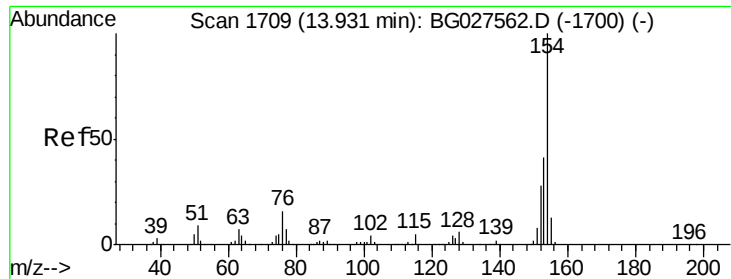
mohammad
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#44
 2-Fluorobiphenyl
 Concen: 102.649 ng
 RT: 13.71 min Scan# 1672
 Delta R.T. -0.01 min
 Lab File: BG027588.D
 Acq: 22 Jun 2017 9:42

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	503214		
171	36.7	32.2	48.2	
170	24.1	21.8	32.6	





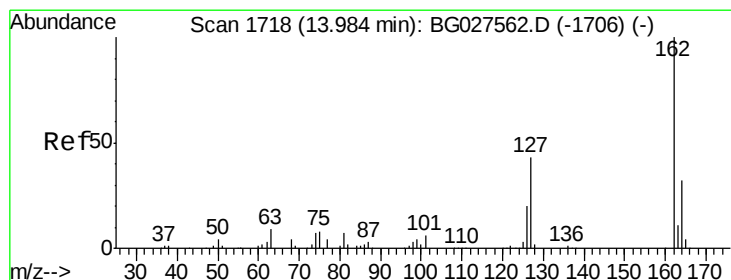
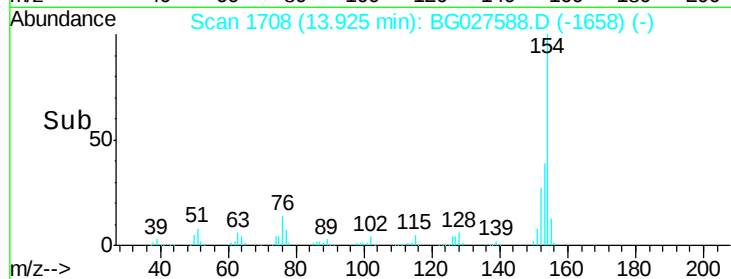
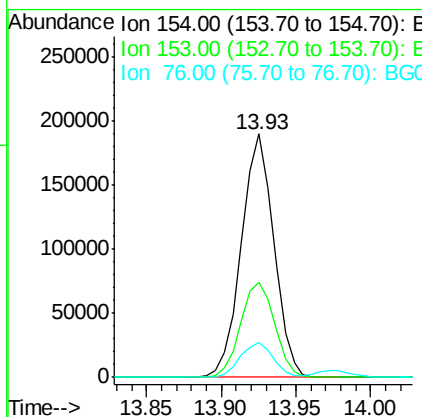
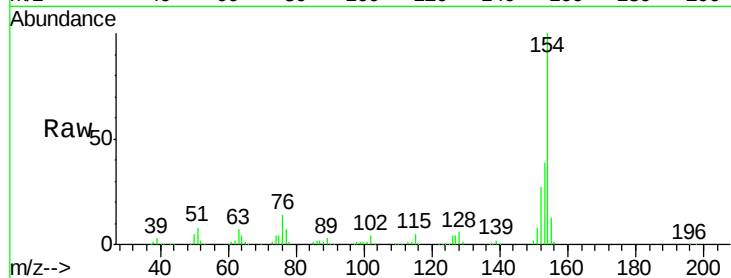
#45
 1,1'-Biphenyl
 Concen: 51.056 ng
 RT: 13.93 min Scan# 1708
 Delta R.T. -0.01 min
 Lab File: BG027588.D
 Acq: 22 Jun 2017 9:42

Instrument :
 BNA_G
 ClientSampleId :
 SB-02-7.5-8.0MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	39.0	23.0	63.0
76	14.2	0.0	33.5

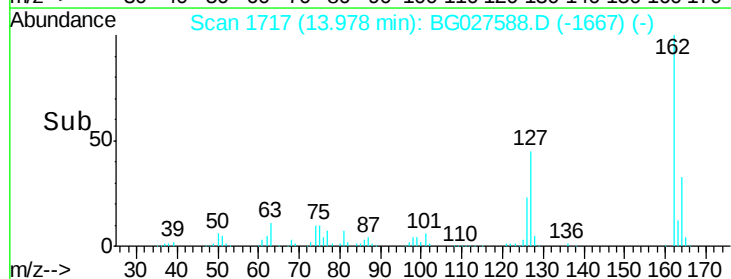
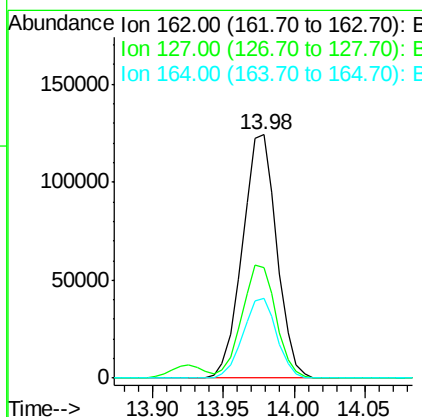
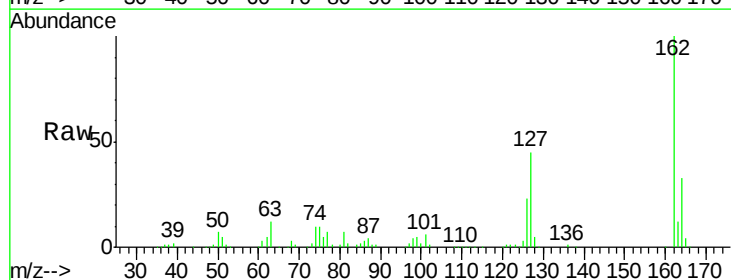
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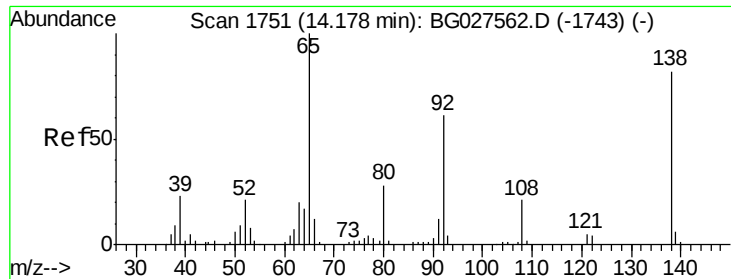
mohammad
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#46
 2-Chloronaphthalene
 Concen: 50.836 ng
 RT: 13.98 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BG027588.D
 Acq: 22 Jun 2017 9:42

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
127	45.1	32.2	48.4
164	32.9	27.3	40.9





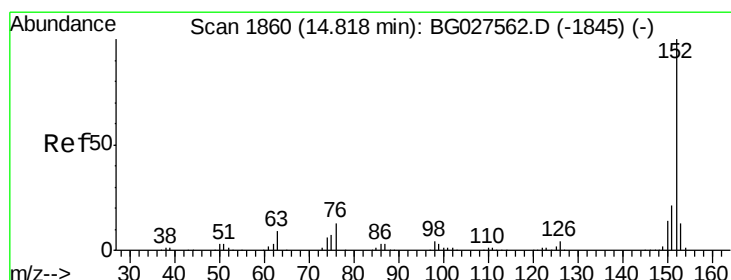
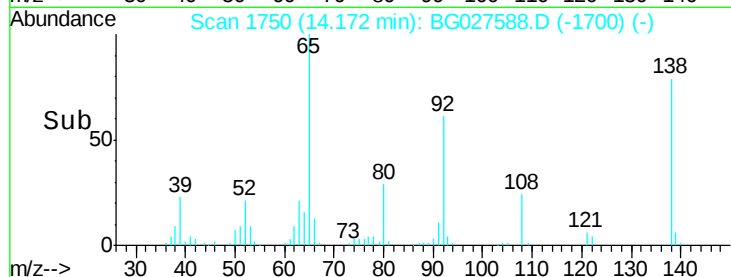
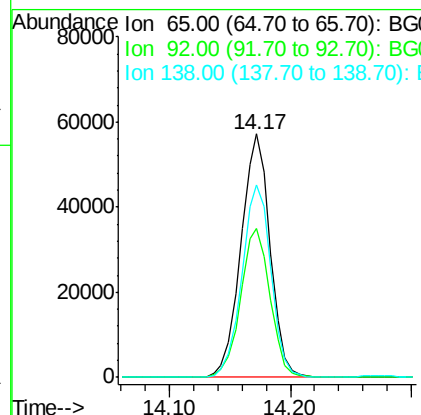
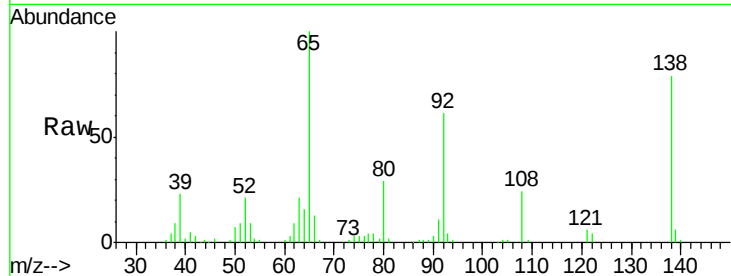
#47
 2-Nitroaniline
 Concen: 51.595 ng
 RT: 14.17 min Scan# 1750
 Delta R.T. -0.01 min
 Lab File: BG027588.D
 Acq: 22 Jun 2017 9:42

Instrument :
 BNA_G
 ClientSampleId :
 SB-02-7.5-8.0MS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	61.3	49.0	73.4
138	79.3	58.6	87.8

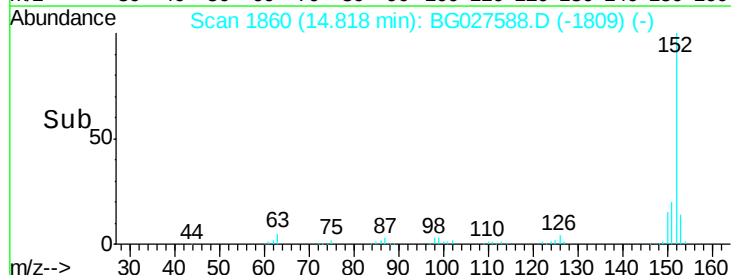
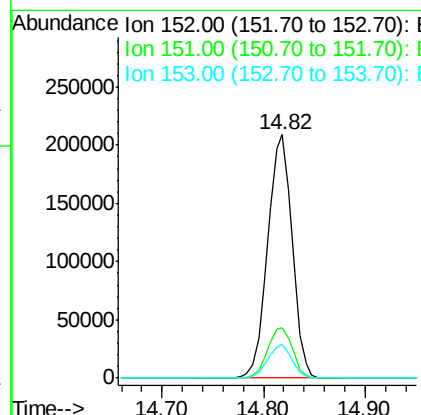
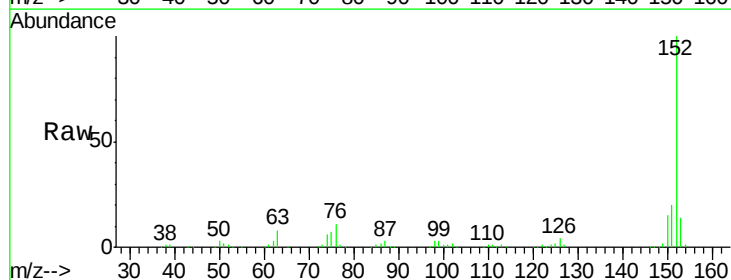
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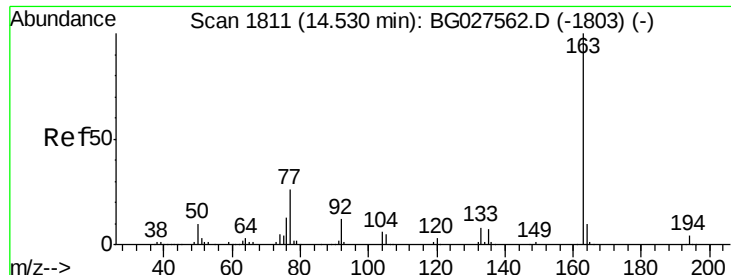
mohammad
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#48
 Acenaphthylene
 Concen: 47.965 ng
 RT: 14.82 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: BG027588.D
 Acq: 22 Jun 2017 9:42

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	18.2	27.2
153	13.9	11.3	16.9





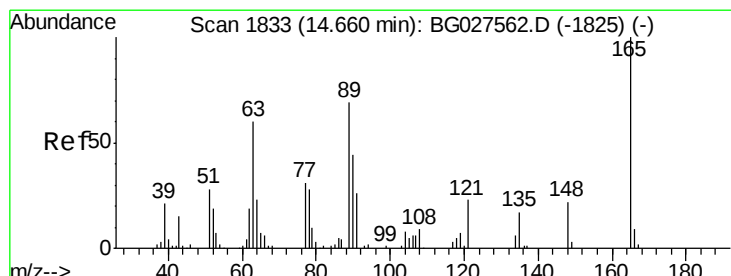
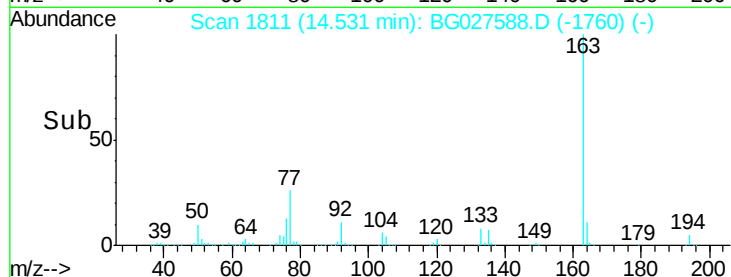
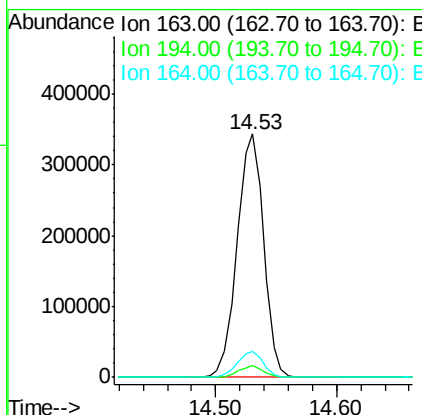
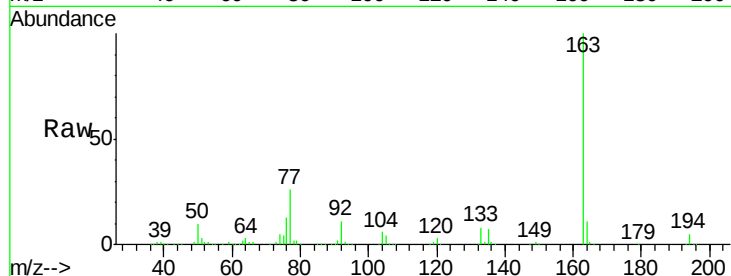
#49
Dimethylphthalate
Concen: 89.482 ng
RT: 14.53 min Scan# 1811
Delta R.T. 0.00 min
Lab File: BG027588.D
Acq: 22 Jun 2017 9:42

Instrument :
BNA_G
ClientSampleId :
SB-02-7.5-8.0MS

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	524663		
194	4.7	3.8	5.6	
164	10.6	9.3	13.9	

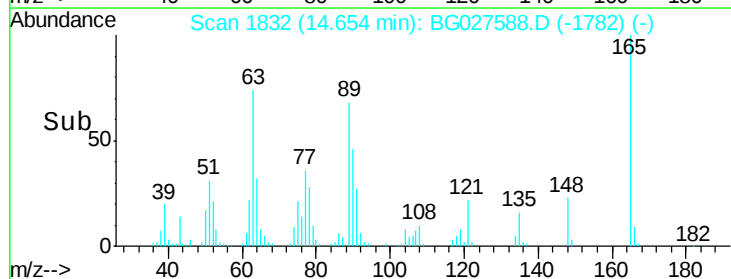
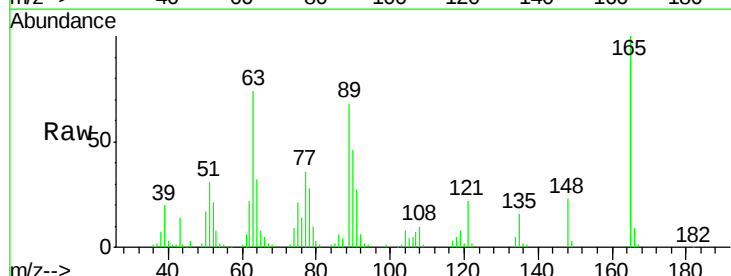
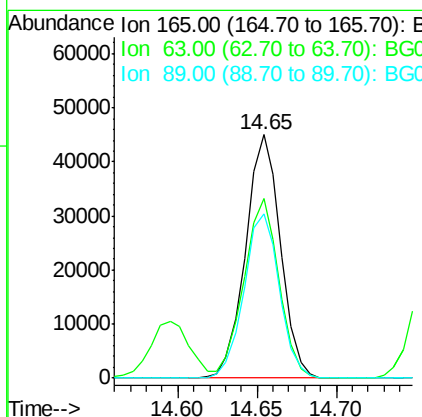
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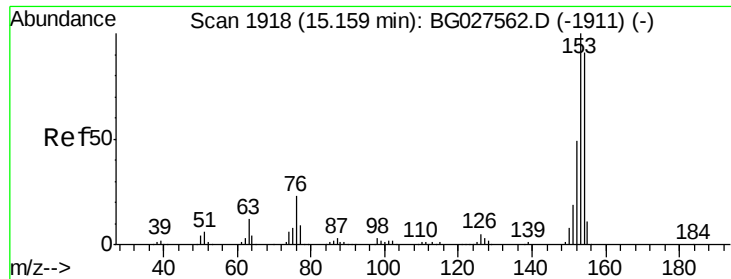
mohammad
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#50
2,6-Dinitrotoluene
Concen: 54.031 ng
RT: 14.65 min Scan# 1832
Delta R.T. -0.01 min
Lab File: BG027588.D
Acq: 22 Jun 2017 9:42

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	68742		
63	73.9	63.9	95.9	
89	67.6	58.6	88.0	





#51

Acenaphthene

Concen: 54.757 ng

RT: 15.15 min Scan# 1917

Delta R.T. -0.01 min

Lab File: BG027588.D

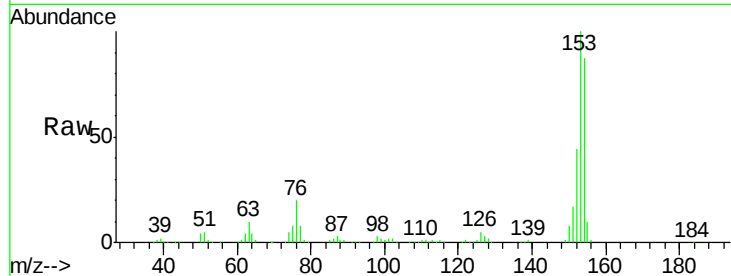
Acq: 22 Jun 2017 9:42

Instrument :

BNA_G

ClientSampleId :

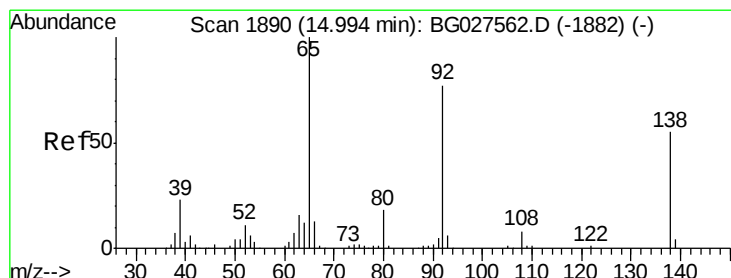
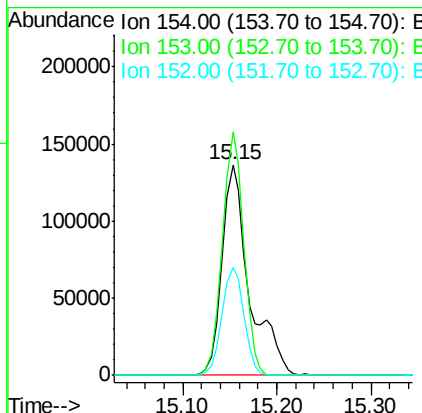
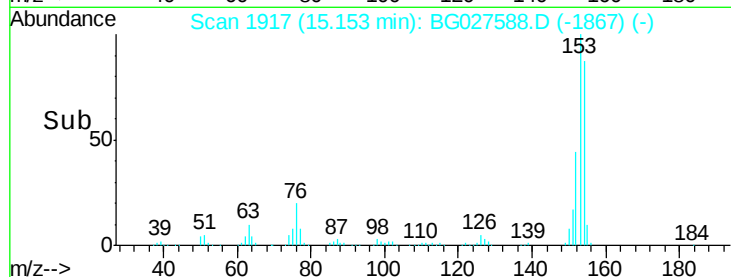
SB-02-7.5-8.0MS



Tgt Ion:	154	Resp:	277636
Ion Ratio	Lower	Upper	
154	100		
153	115.6	87.8	131.6
152	50.9	42.2	63.4

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#52

3-Nitroaniline

Concen: 38.147 ng

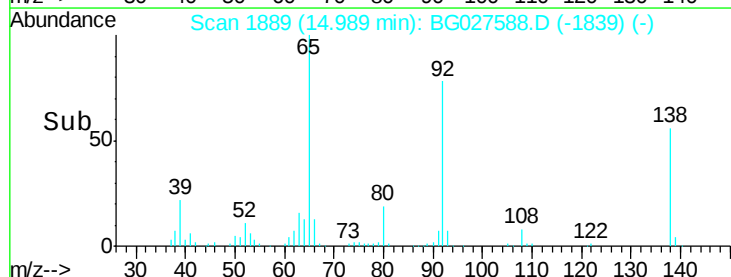
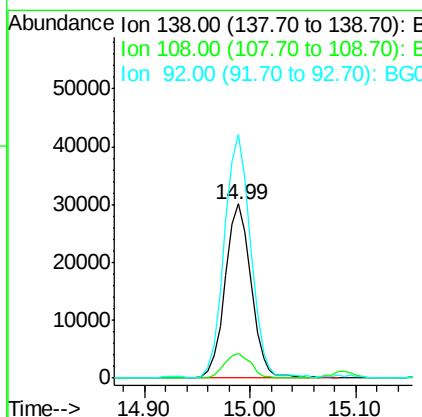
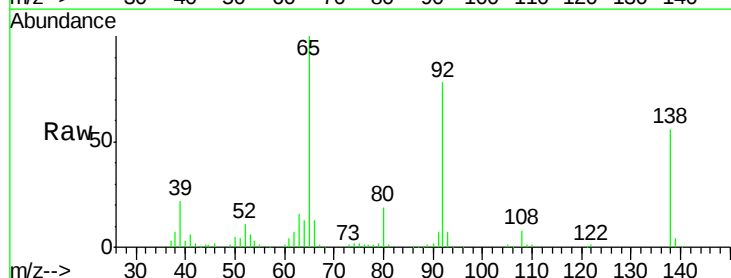
RT: 14.99 min Scan# 1889

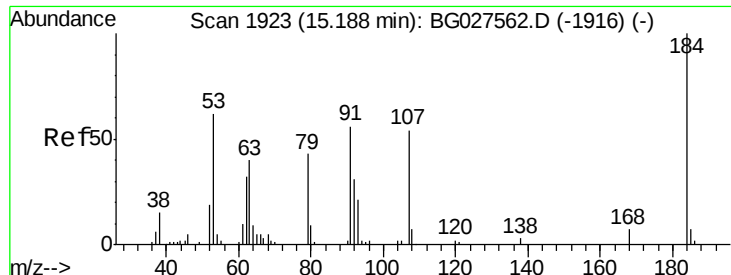
Delta R.T. -0.01 min

Lab File: BG027588.D

Acq: 22 Jun 2017 9:42

Tgt Ion:	138	Resp:	51229
Ion Ratio	Lower	Upper	
138	100		
108	14.5	10.9	16.3
92	139.7	115.3	172.9





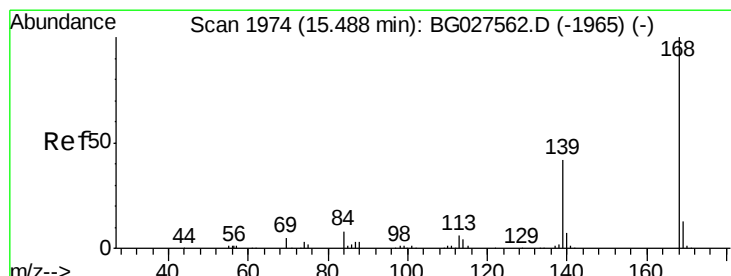
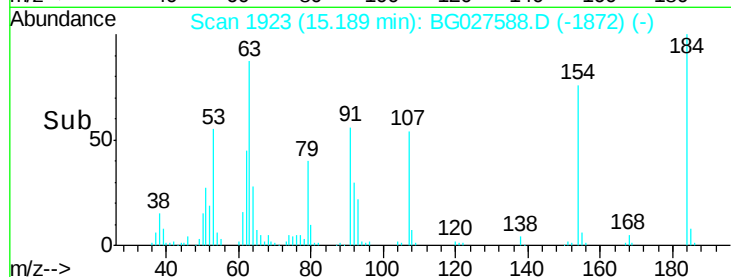
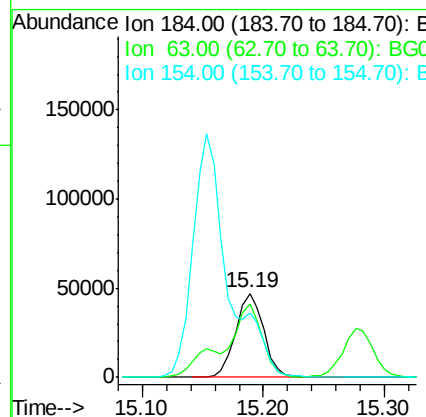
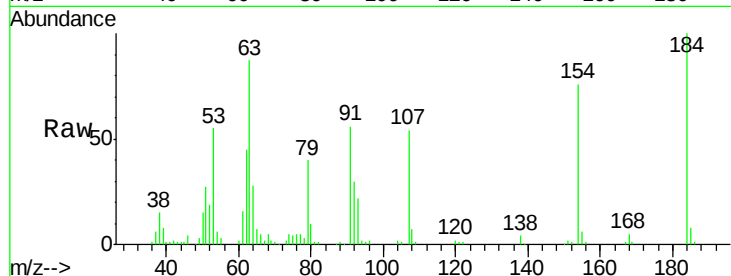
#53
2,4-Dinitrophenol
Concen: 107.238 ng
RT: 15.19 min Scan# 1923
Delta R.T. 0.00 min
Lab File: BG027588.D
Acq: 22 Jun 2017 9:42

Instrument :
BNA_G
ClientSampleId :
SB-02-7.5-8.0MS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	77115		
63	86.6	52.7	79.1#	
154	76.3	57.3	85.9	

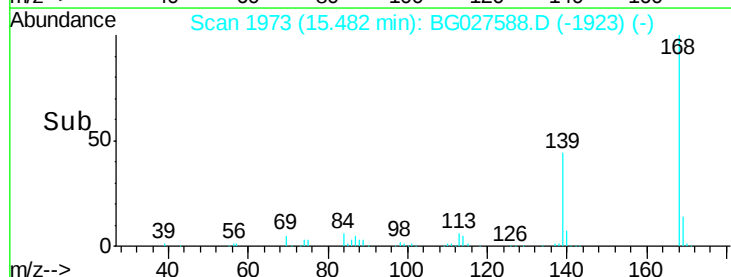
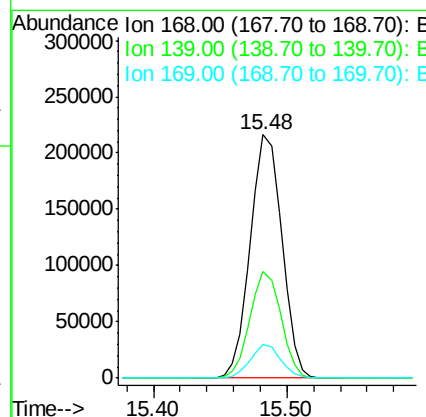
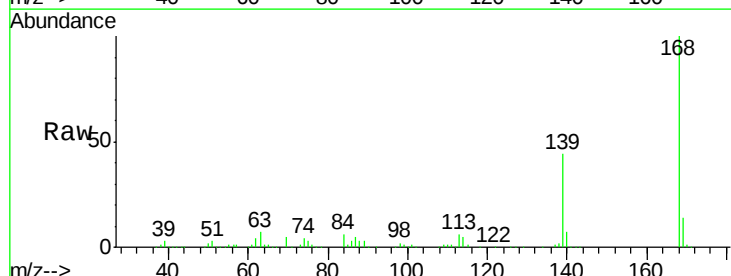
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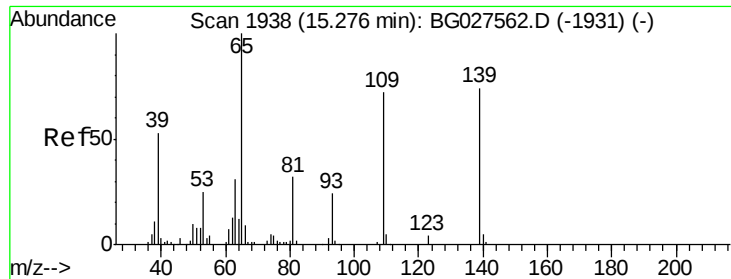
mohammad
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#54
Dibenzofuran
Concen: 53.687 ng
RT: 15.48 min Scan# 1973
Delta R.T. -0.01 min
Lab File: BG027588.D
Acq: 22 Jun 2017 9:42

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	354553		
139	43.7	35.3	52.9	
169	13.6	11.5	17.3	





#55

4-Nitrophenol

Concen: 107.469 ng

RT: 15.28 min Scan# 1939

Delta R.T. 0.01 min

Lab File: BG027588.D

Acq: 22 Jun 2017 9:42

Instrument :

BNA_G

ClientSampleId :

SB-02-7.5-8.0MS

Tgt Ion:139 Resp: 120835
Ion Ratio Lower Upper

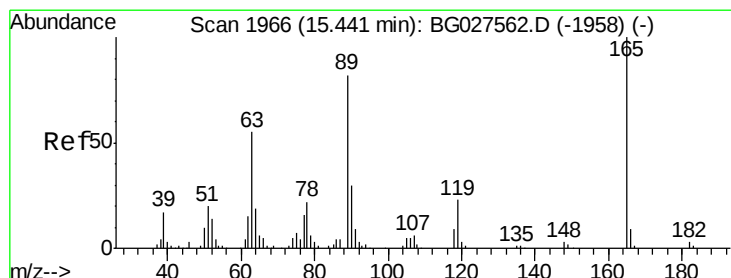
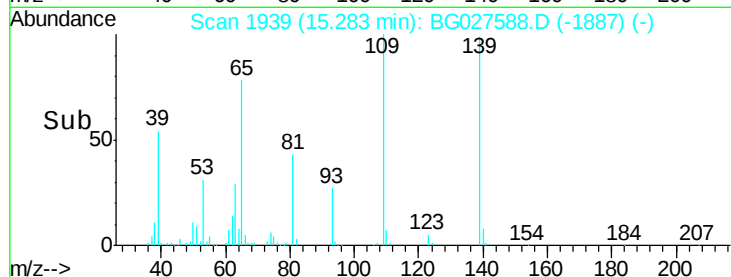
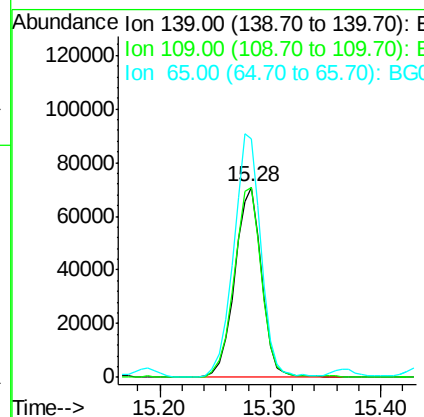
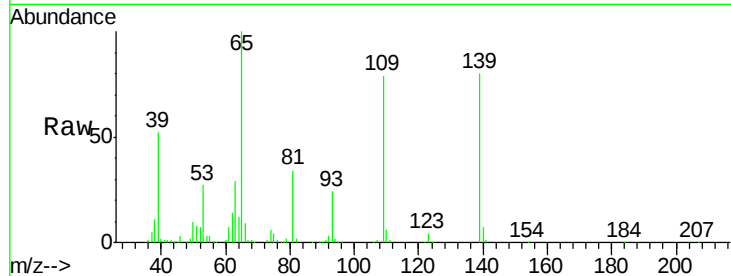
139 100

109 99.6 101.2 141.2#

65 125.5 135.3 175.3#

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#56

2,4-Dinitrotoluene

Concen: 55.003 ng

RT: 15.44 min Scan# 1965

Delta R.T. -0.01 min

Lab File: BG027588.D

Acq: 22 Jun 2017 9:42

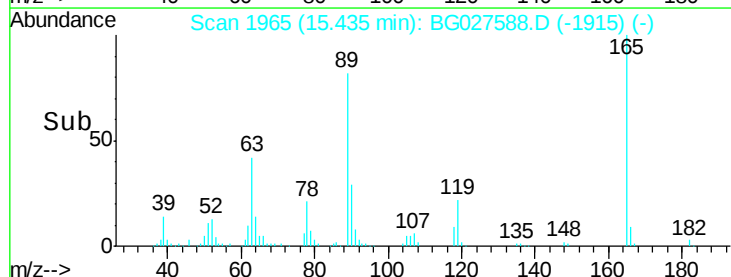
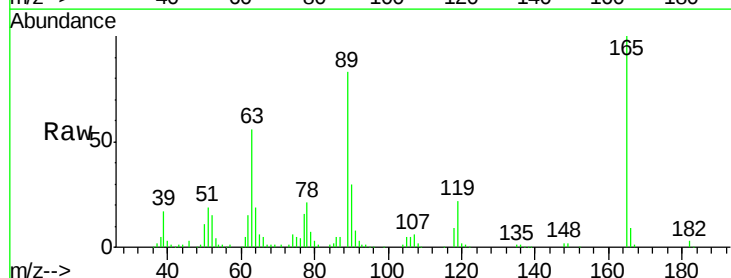
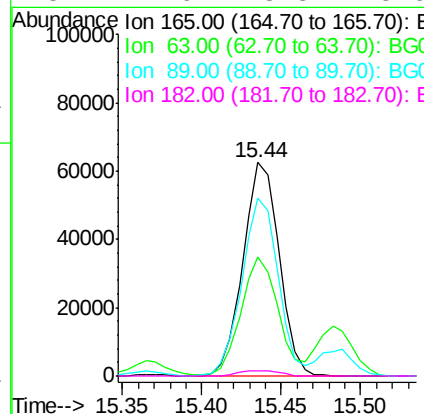
Tgt Ion:165 Resp: 99230
Ion Ratio Lower Upper

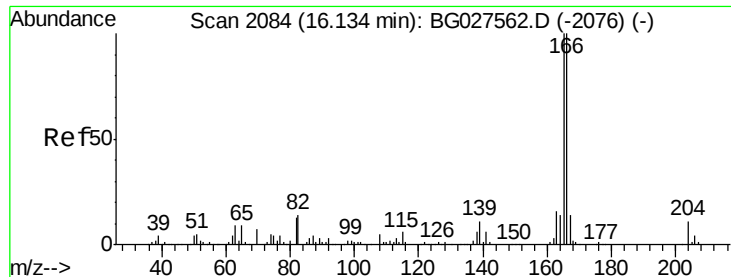
165 100

63 56.0 44.0 66.0

89 83.4 67.3 100.9

182 2.6 3.8 5.6#





#57

Fluorene

Concen: 49.637 ng

RT: 16.13 min Scan# 2084

Delta R.T. 0.00 min

Lab File: BG027588.D

Acq: 22 Jun 2017 9:42

Instrument :

BNA_G

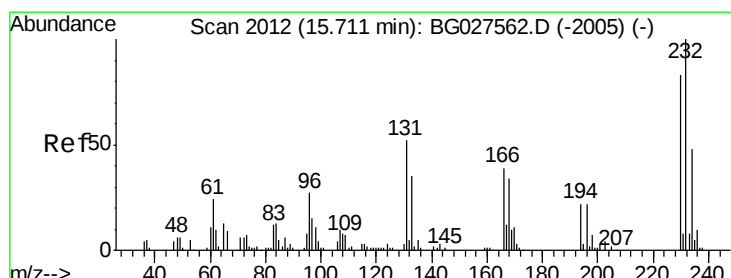
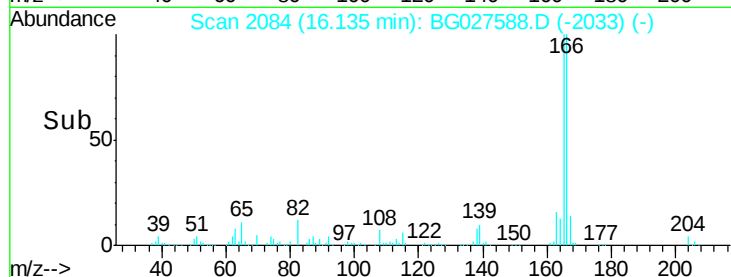
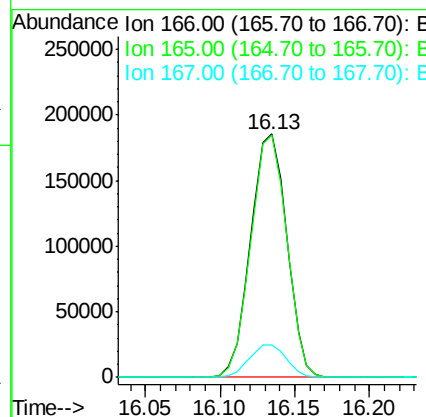
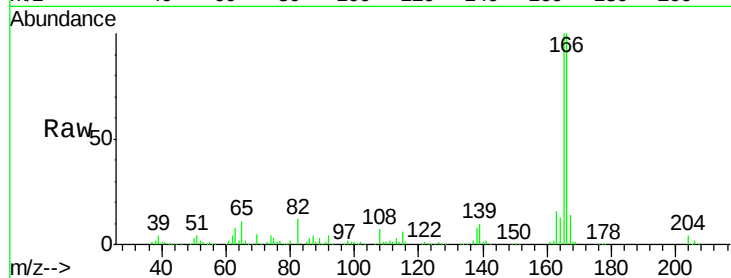
ClientSampleId :

SB-02-7.5-8.0MS

Tgt Ion:	166	Resp:	310454
Ion Ratio	Lower	Upper	
166	100		
165	99.8	78.6	117.8
167	13.5	11.6	17.4

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#58

2,3,4,6-Tetrachlorophenol

Concen: 61.066 ng

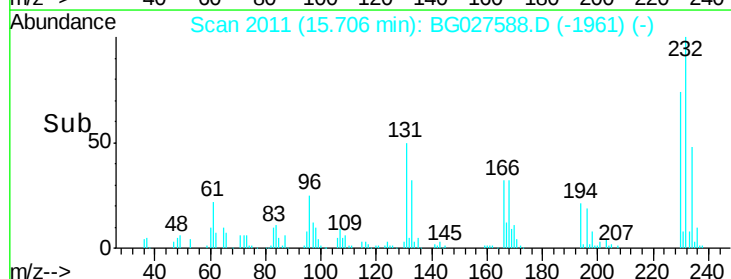
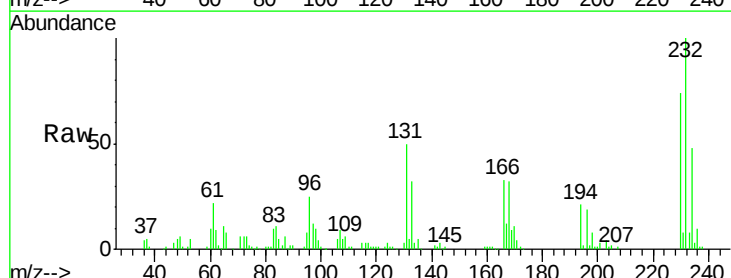
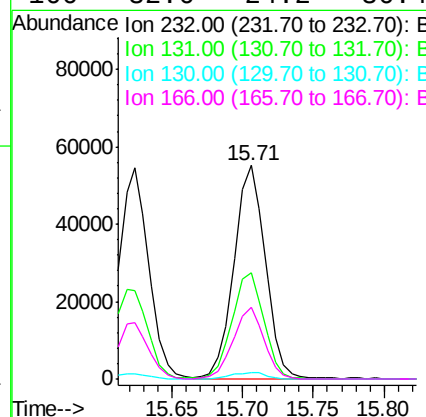
RT: 15.71 min Scan# 2011

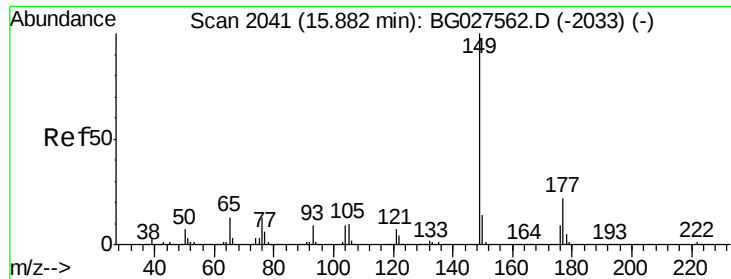
Delta R.T. -0.01 min

Lab File: BG027588.D

Acq: 22 Jun 2017 9:42

Tgt Ion:	232	Resp:	85745
Ion Ratio	Lower	Upper	
232	100		
131	50.4	34.9	52.3
130	3.4	2.3	3.5
166	32.6	24.2	36.4





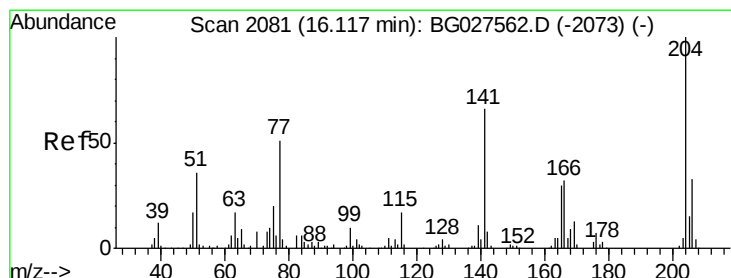
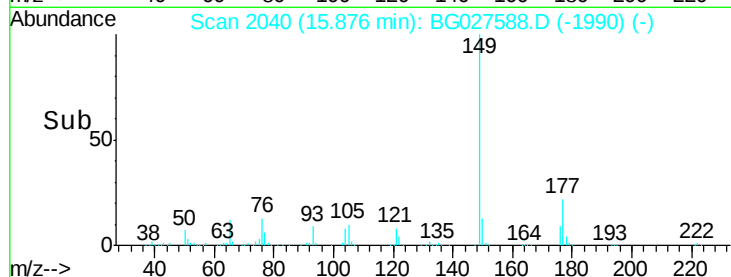
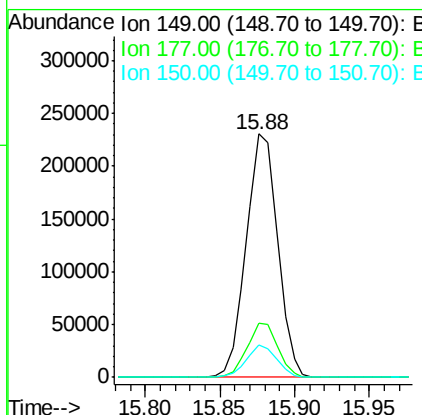
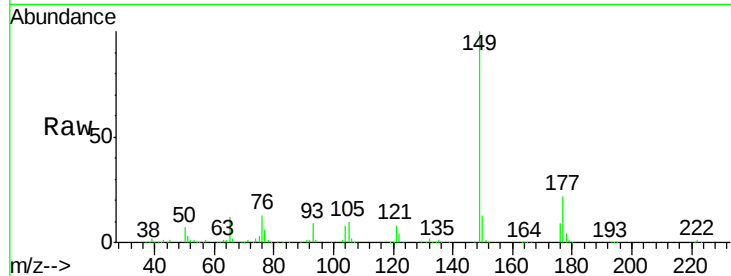
#59
Diethylphthalate
Concen: 52.449 ng
RT: 15.88 min Scan# 2040
Delta R.T. -0.01 min
Lab File: BG027588.D
Acq: 22 Jun 2017 9:42

Instrument :
BNA_G
ClientSampleId :
SB-02-7.5-8.0MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
177	22.2	20.1	30.1
150	13.4	10.2	15.2

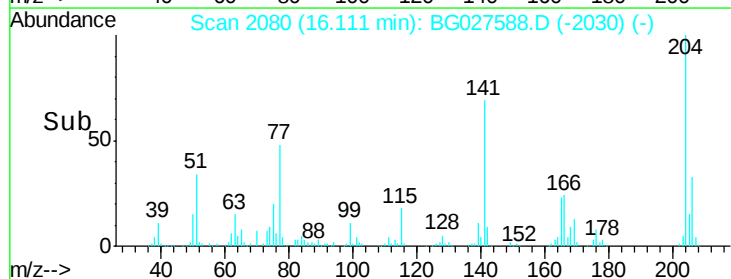
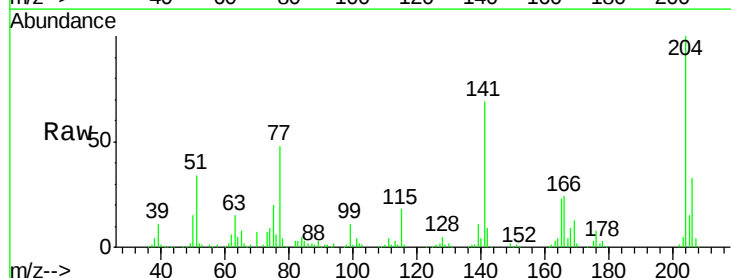
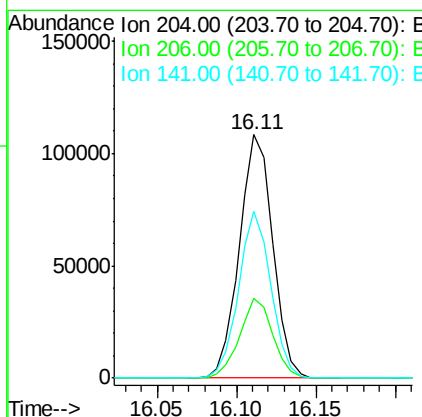
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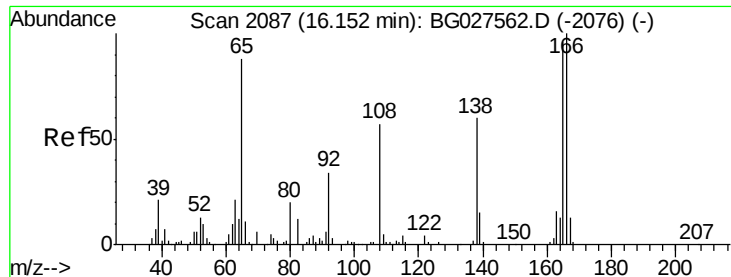
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#60
4-Chlorophenyl-phenylether
Concen: 51.381 ng
RT: 16.11 min Scan# 2080
Delta R.T. -0.01 min
Lab File: BG027588.D
Acq: 22 Jun 2017 9:42

Tgt Ion	Ratio	Resp Lower	Resp Upper
204	100		
206	32.8	30.1	45.1
141	68.6	50.6	76.0





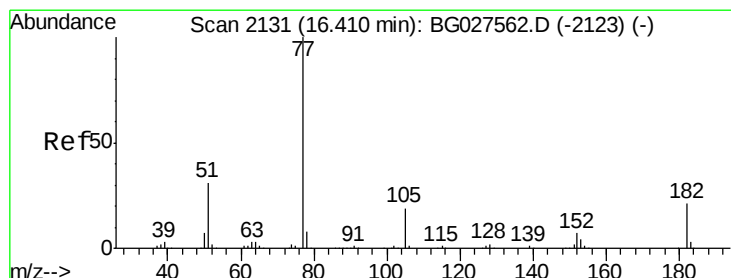
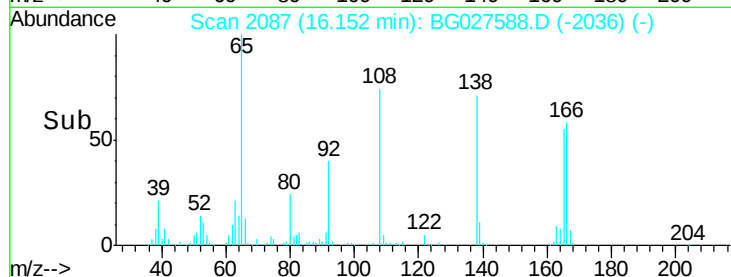
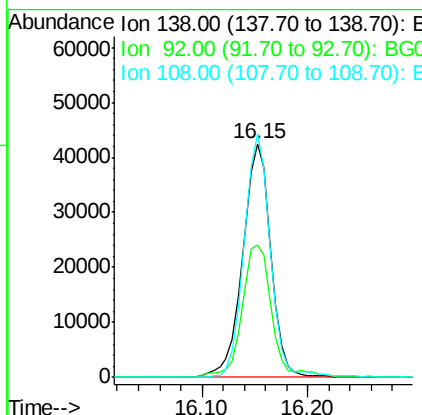
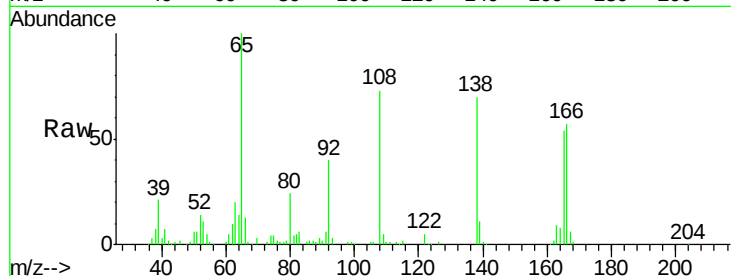
#61
4-Nitroaniline
Concen: 53.212 ng
RT: 16.15 min Scan# 2087
Delta R.T. 0.00 min
Lab File: BG027588.D
Acq: 22 Jun 2017 9:42

Instrument :
BNA_G
ClientSampleId :
SB-02-7.5-8.0MS

Tgt Ion	Ratio	Lower	Upper
138	100		
92	56.8	44.2	84.2
108	104.2	104.8	144.8

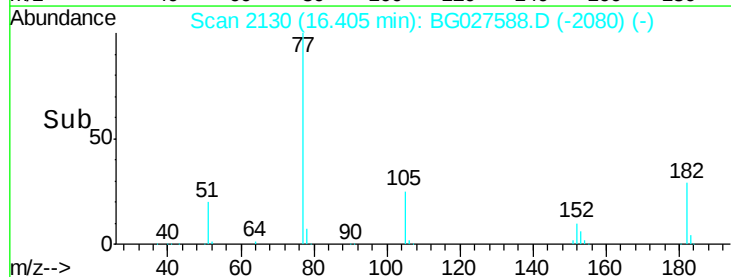
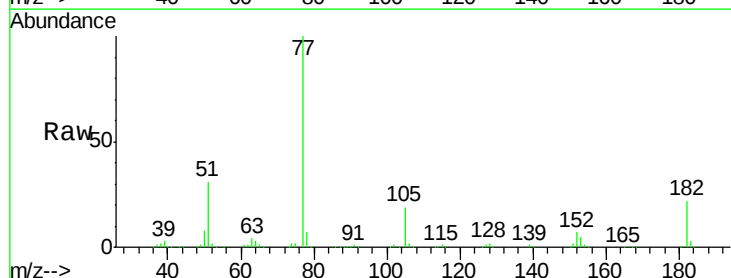
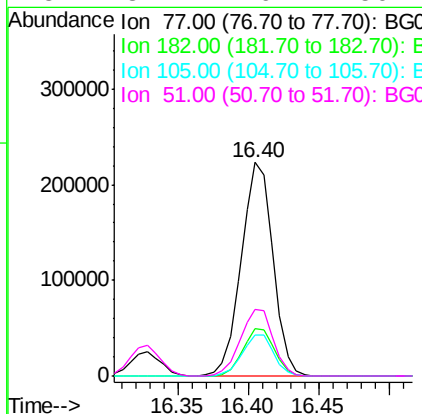
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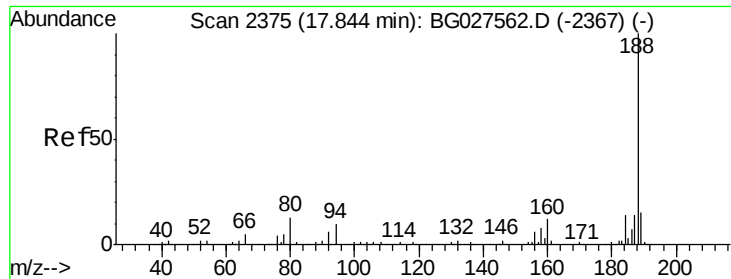
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#62
Azobenzene
Concen: 53.494 ng
RT: 16.40 min Scan# 2130
Delta R.T. -0.01 min
Lab File: BG027588.D
Acq: 22 Jun 2017 9:42

Tgt Ion	Ratio	Lower	Upper
77	100		
182	22.2	4.7	44.7
105	19.4	0.0	36.3
51	31.4	16.4	56.4





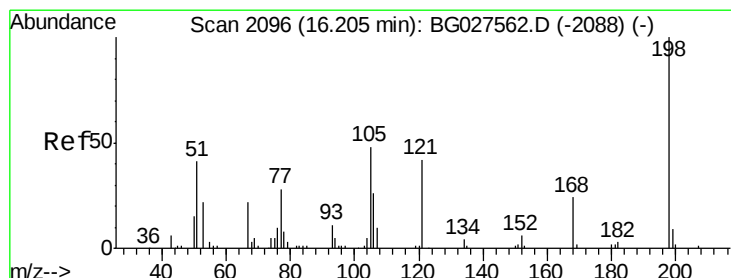
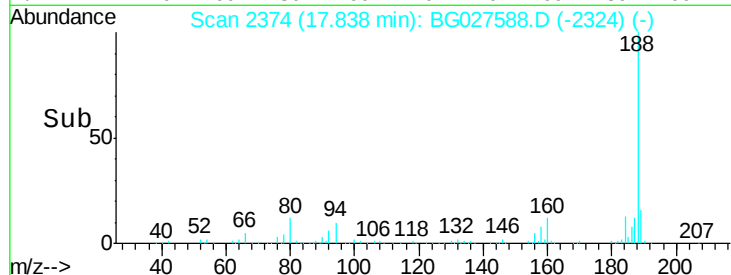
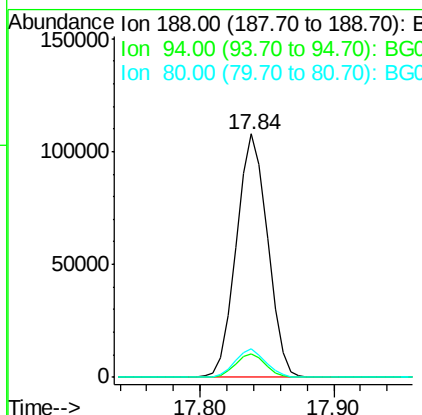
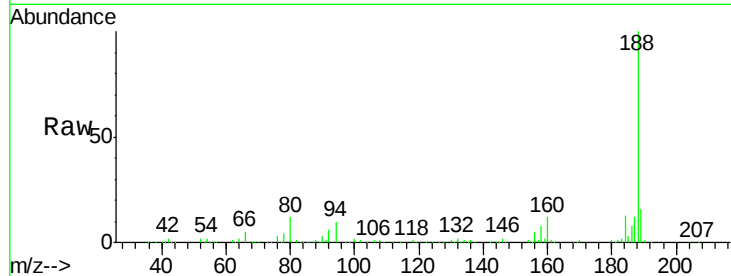
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.84 min Scan# 2374
 Delta R.T. -0.01 min
 Lab File: BG027588.D
 Acq: 22 Jun 2017 9:42

Instrument :
 BNA_G
 ClientSampleId :
 SB-02-7.5-8.0MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	9.6	5.8	8.8#
80	12.0	7.5	11.3#

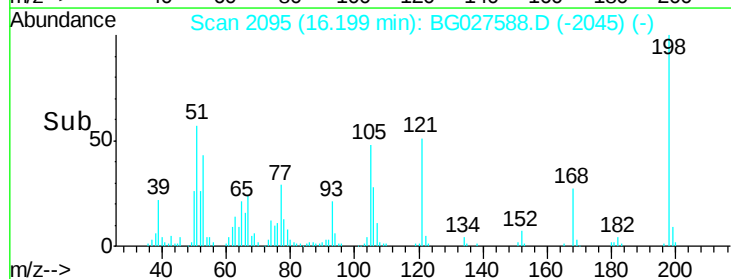
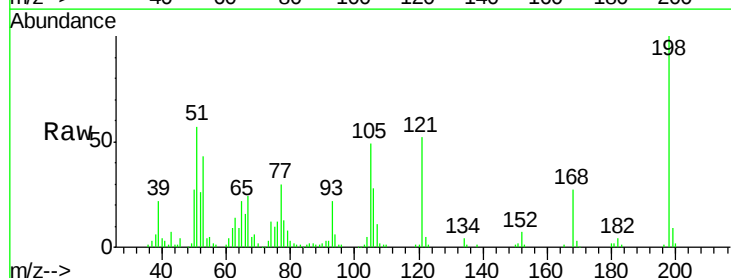
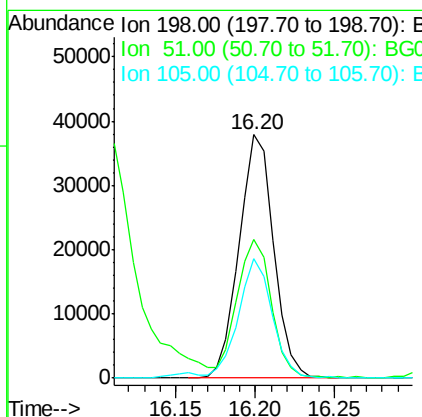
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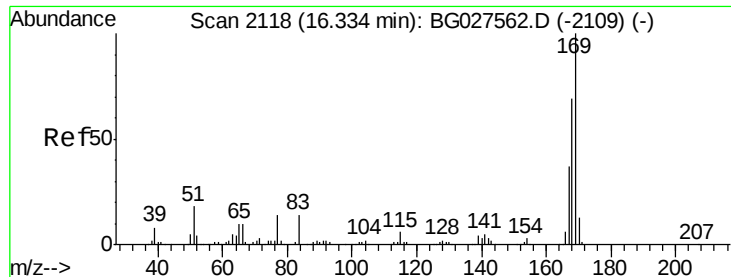
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#64
 4,6-Dinitro-2-methylphenol
 Concen: 51.762 ng
 RT: 16.20 min Scan# 2095
 Delta R.T. -0.01 min
 Lab File: BG027588.D
 Acq: 22 Jun 2017 9:42

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	57.0	22.6	62.6
105	49.2	14.4	54.4





#65

n-Nitrosodiphenylamine

Concen: 50.786 ng

RT: 16.33 min Scan# 2117

Delta R.T. -0.01 min

Lab File: BG027588.D

Acq: 22 Jun 2017 9:42

Instrument :

BNA_G

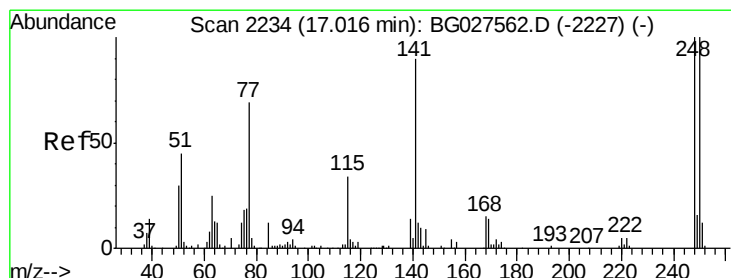
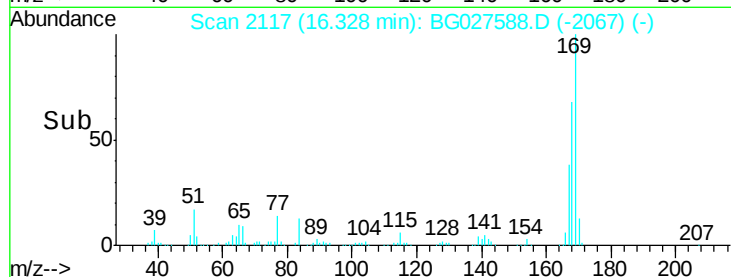
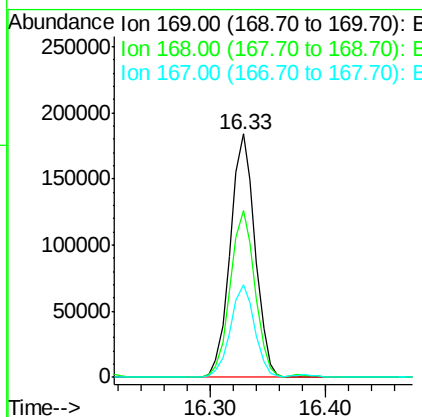
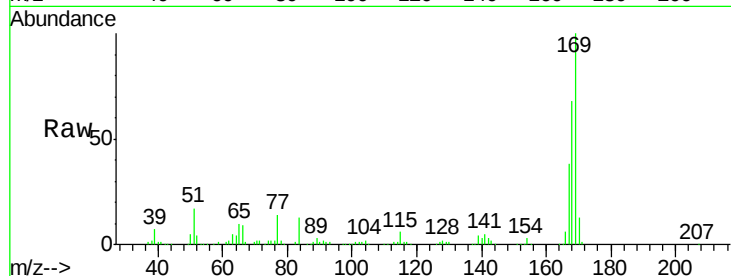
ClientSampleId :

SB-02-7.5-8.0MS

Tgt Ion:	169	Resp:	271996
Ion Ratio	Lower	Upper	
169	100		
168	68.4	55.7	83.5
167	38.1	29.8	44.6

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#66

4-Bromophenyl-phenylether

Concen: 53.494 ng

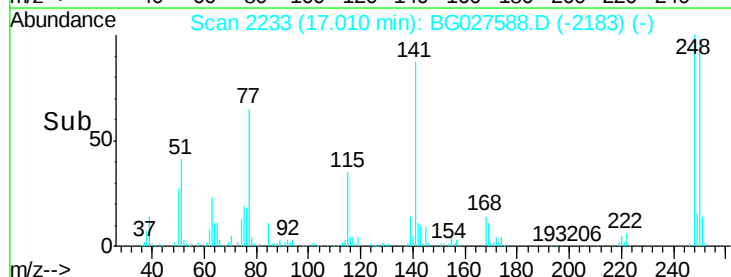
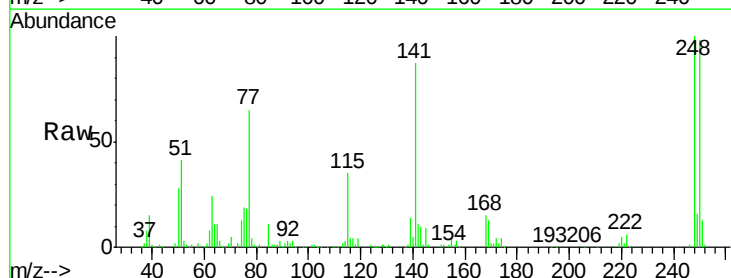
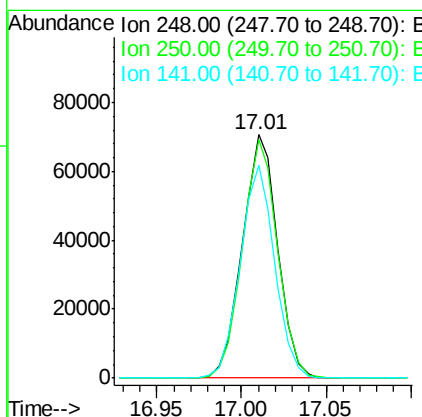
RT: 17.01 min Scan# 2233

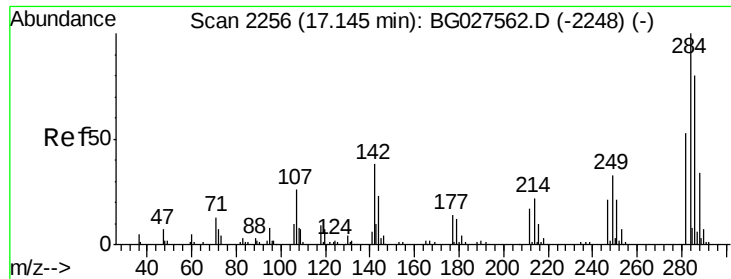
Delta R.T. -0.01 min

Lab File: BG027588.D

Acq: 22 Jun 2017 9:42

Tgt Ion:	248	Resp:	102788
Ion Ratio	Lower	Upper	
248	100		
250	98.0	75.0	112.6
141	87.4	55.2	82.8#





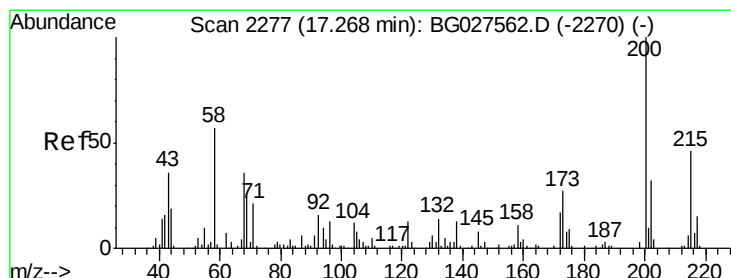
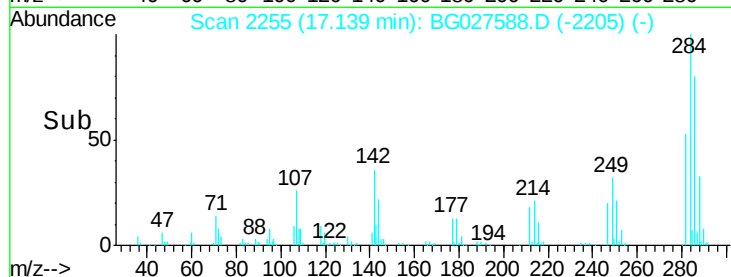
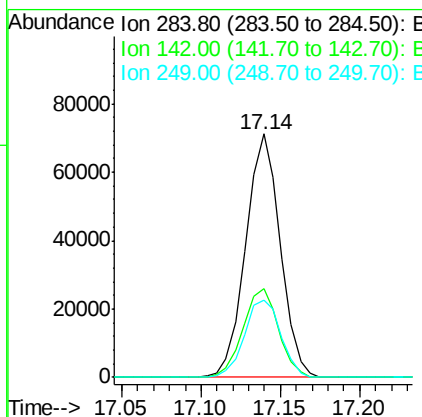
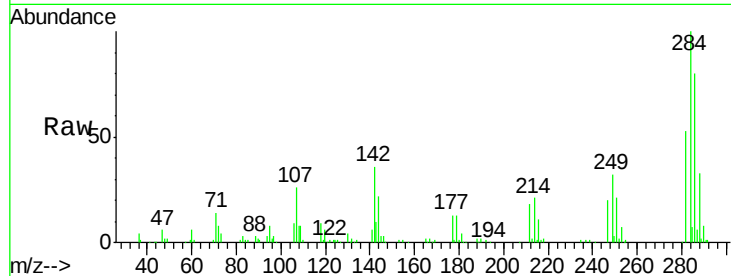
#67
Hexachlorobenzene
Concen: 52.384 ng
RT: 17.14 min Scan# 2255
Delta R.T. -0.01 min
Lab File: BG027588.D
Acq: 22 Jun 2017 9:42

Instrument :
BNA_G
ClientSampleId :
SB-02-7.5-8.0MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	36.4	29.9	44.9
249	31.7	29.2	43.8

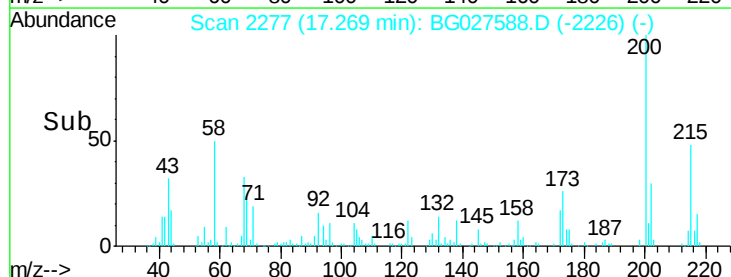
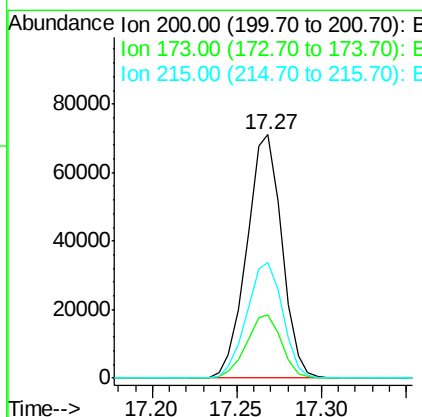
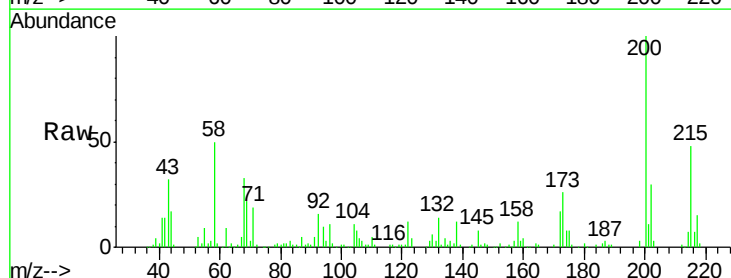
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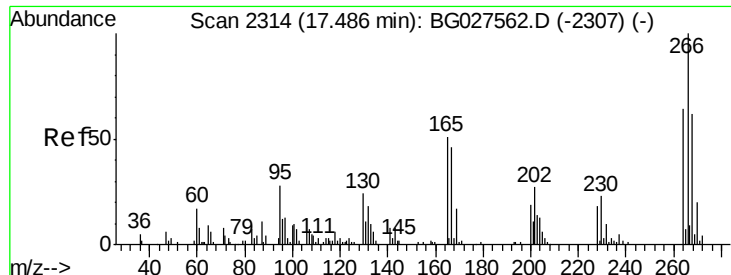
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#68
Atrazine
Concen: 52.348 ng
RT: 17.27 min Scan# 2277
Delta R.T. 0.00 min
Lab File: BG027588.D
Acq: 22 Jun 2017 9:42

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	25.8	3.0	43.0
215	47.5	28.4	68.4





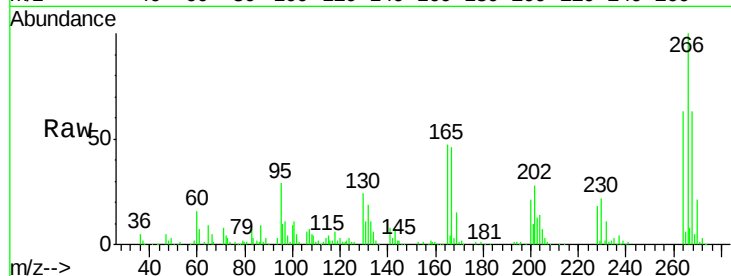
#69
 Pentachlorophenol
 Concen: 109.305 ng
 RT: 17.48 min Scan# 2313
 Delta R.T. -0.01 min
 Lab File: BG027588.D
 Acq: 22 Jun 2017 9:42

Instrument :
 BNA_G
 ClientSampleId :
 SB-02-7.5-8.0MS

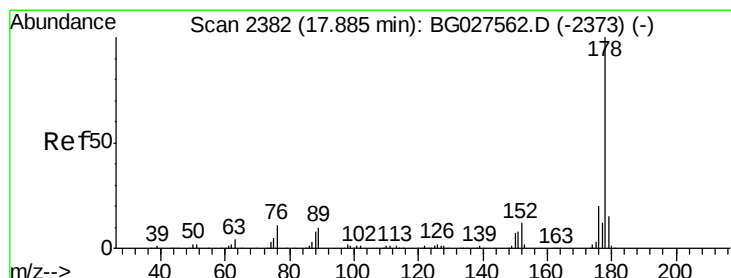
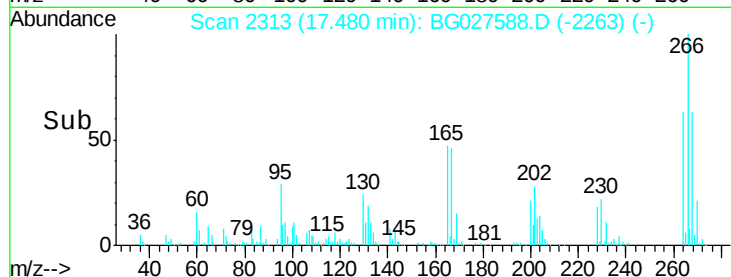
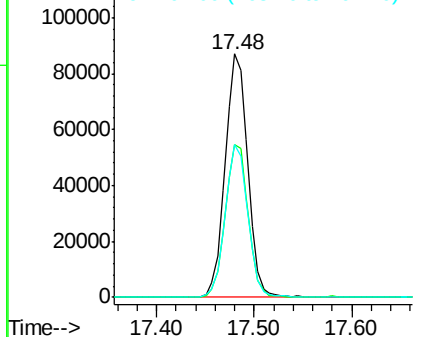
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	139420		
268	62.8	48.6	72.8	
264	62.8	50.1	75.1	

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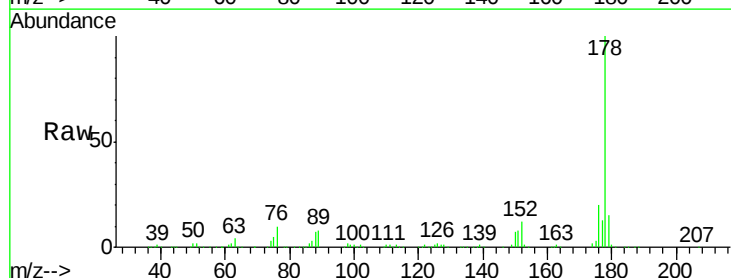


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

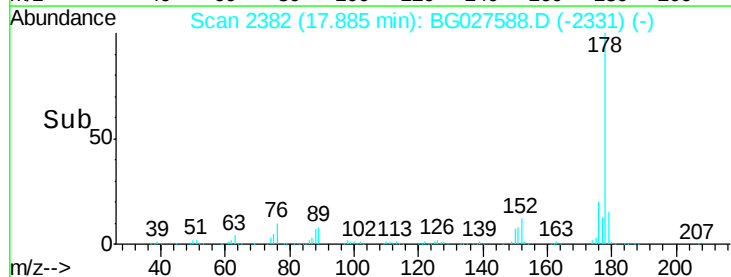
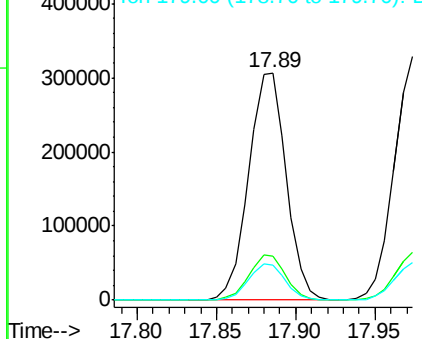


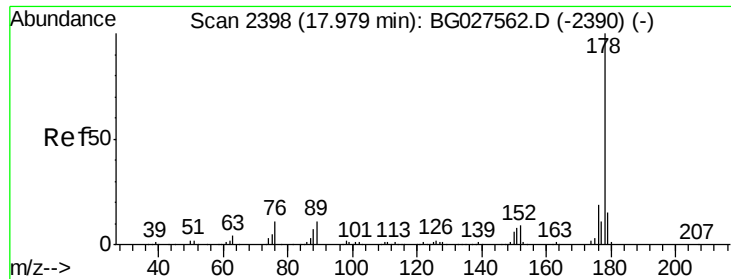
#70
 Phenanthrene
 Concen: 50.719 ng
 RT: 17.89 min Scan# 2382
 Delta R.T. 0.00 min
 Lab File: BG027588.D
 Acq: 22 Jun 2017 9:42

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	504092		
176	19.6	17.7	26.5	
179	15.3	15.0	22.6	



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





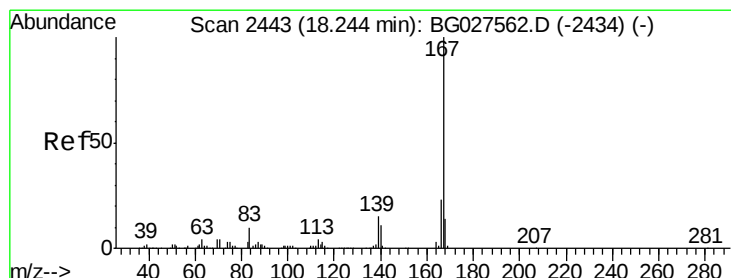
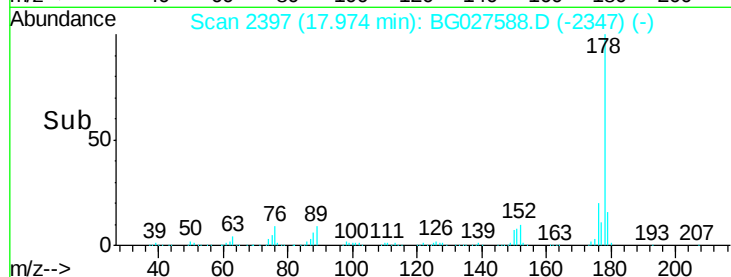
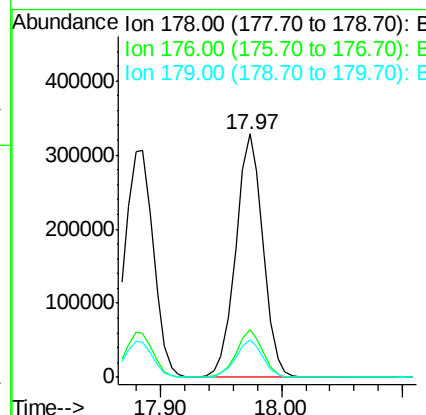
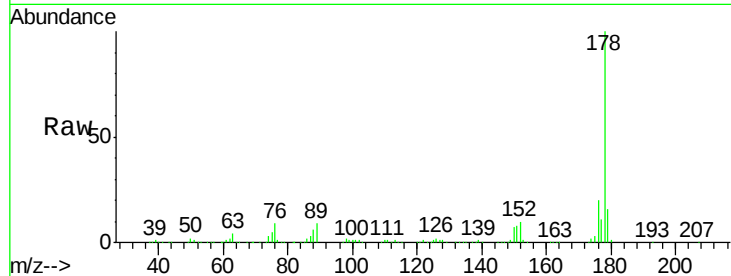
#71
 Anthracene
 Concen: 51.267 ng
 RT: 17.97 min Scan# 2397
 Delta R.T. -0.01 min
 Lab File: BG027588.D
 Acq: 22 Jun 2017 9:42

Instrument :
 BNA_G
 ClientSampleId :
 SB-02-7.5-8.0MS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.4	24.6
179	15.6	13.8	20.8

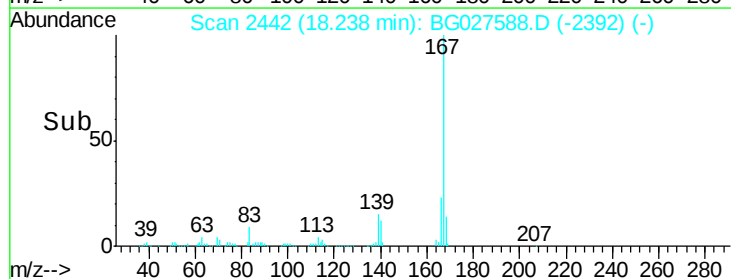
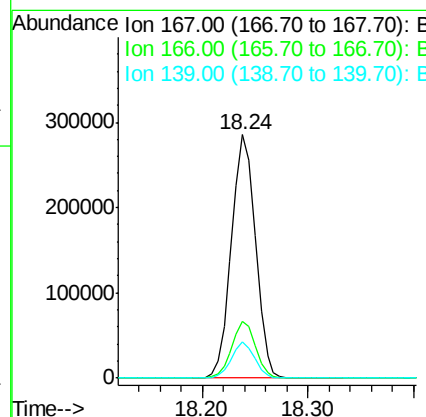
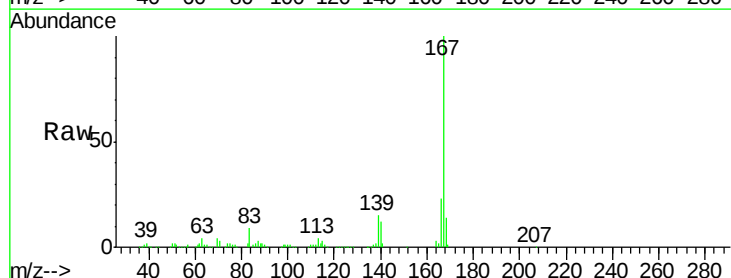
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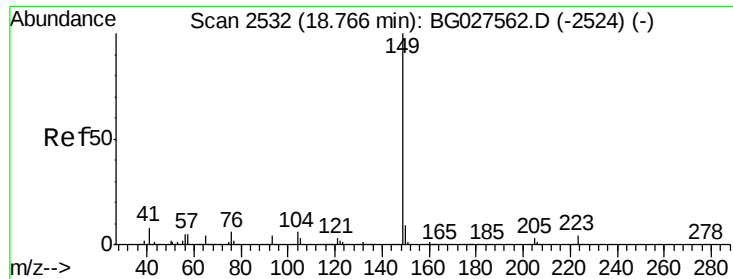
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#72
 Carbazole
 Concen: 46.170 ng
 RT: 18.24 min Scan# 2442
 Delta R.T. -0.01 min
 Lab File: BG027588.D
 Acq: 22 Jun 2017 9:42

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.2	20.2	30.2
139	14.6	12.8	19.2





#73

Di-n-butylphthalate

Concen: 52.470 ng

RT: 18.76 min Scan# 2531

Delta R.T. -0.01 min

Lab File: BG027588.D

Acq: 22 Jun 2017 9:42

Instrument :

BNA_G

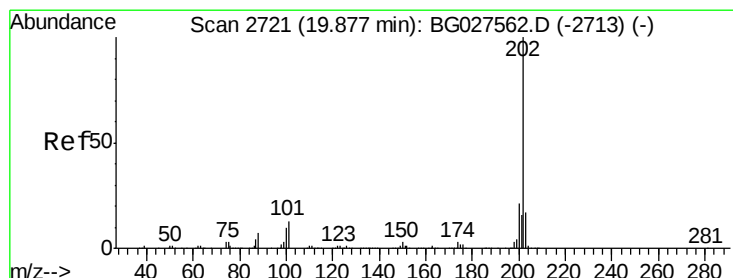
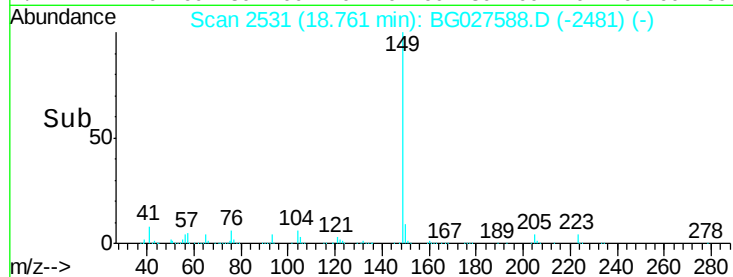
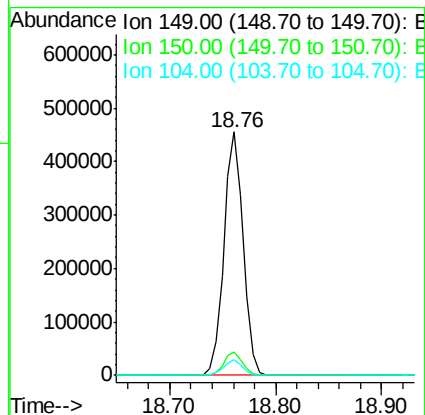
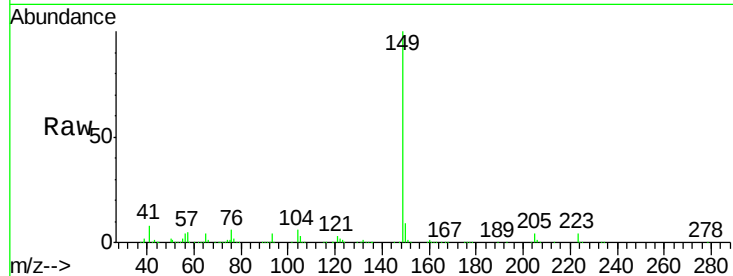
ClientSampleId :

SB-02-7.5-8.0MS

Tgt Ion:	149	Resp:	573142
Ion Ratio		Lower	Upper
149	100		
150	9.4	9.1	13.7
104	6.3	6.7	10.1#

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#74

Fluoranthene

Concen: 51.432 ng

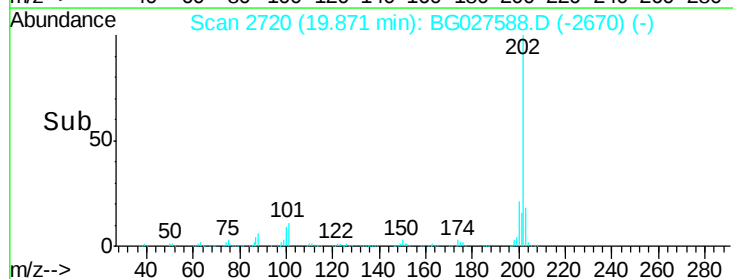
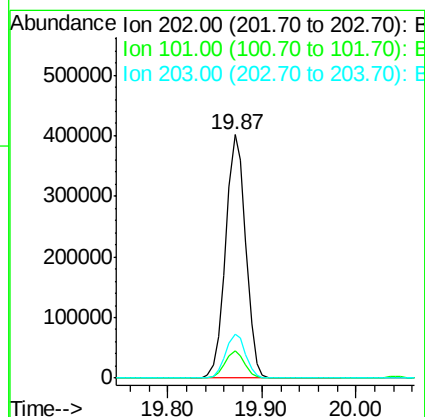
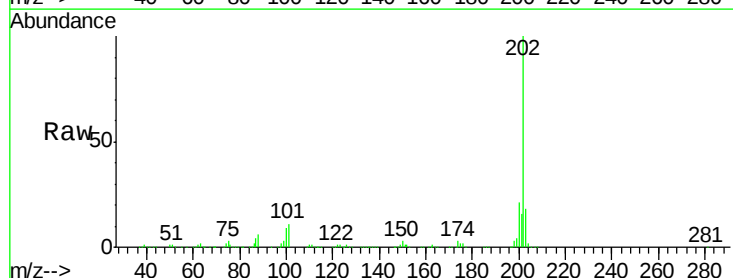
RT: 19.87 min Scan# 2720

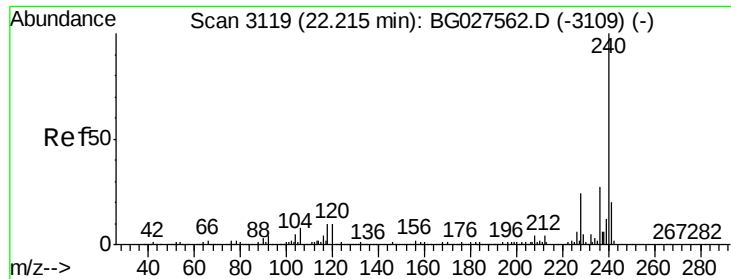
Delta R.T. -0.01 min

Lab File: BG027588.D

Acq: 22 Jun 2017 9:42

Tgt Ion:	202	Resp:	595555
Ion Ratio		Lower	Upper
202	100		
101	11.0	0.0	30.1
203	17.9	1.3	41.3





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.21 min Scan# 3118

Delta R.T. -0.01 min

Lab File: BG027588.D

Acq: 22 Jun 2017 9:42

Instrument :

BNA_G

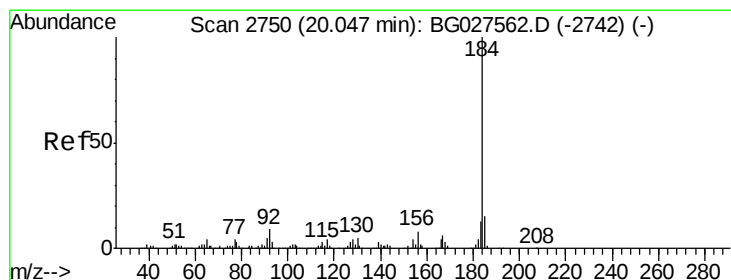
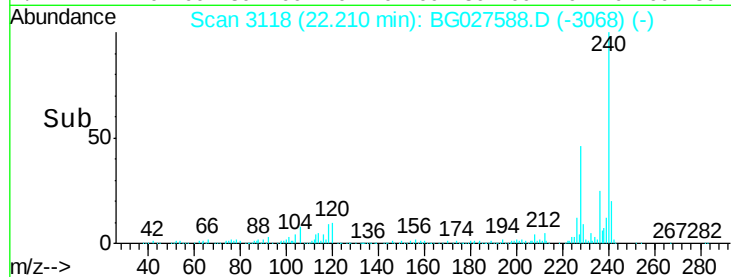
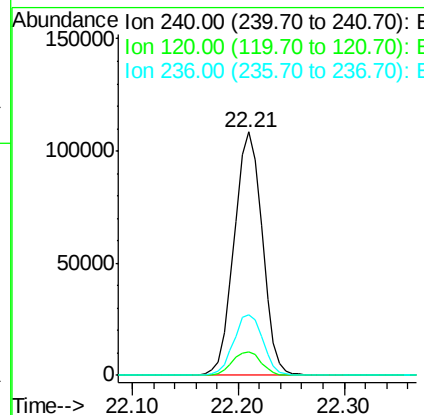
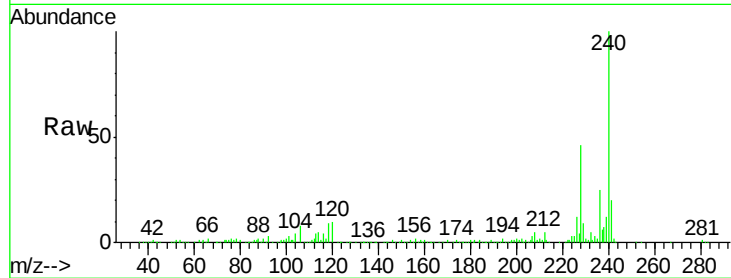
ClientSampleId :

SB-02-7.5-8.0MS

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	199503		
120	9.6	5.7	8.5#	
236	25.1	22.2	33.4	

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#76

Benzidine

Concen: 70.534 ng

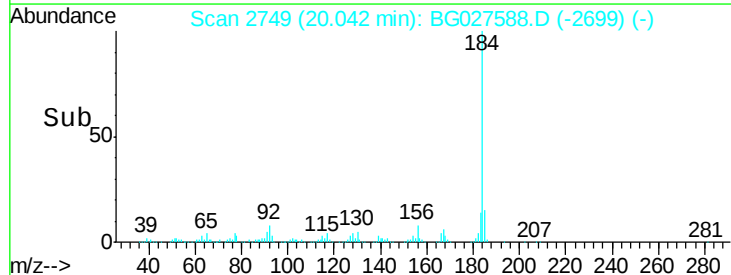
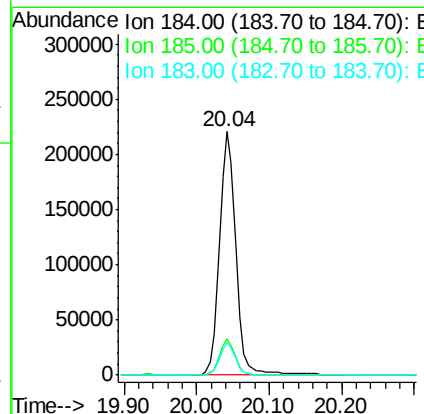
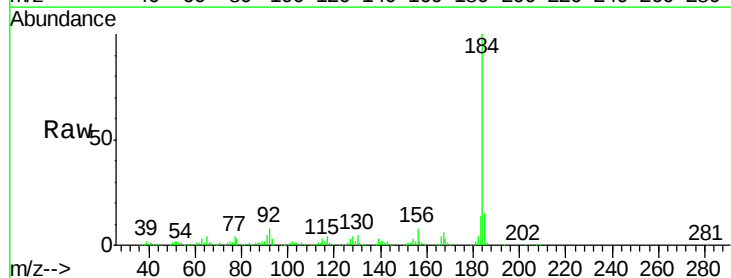
RT: 20.04 min Scan# 2749

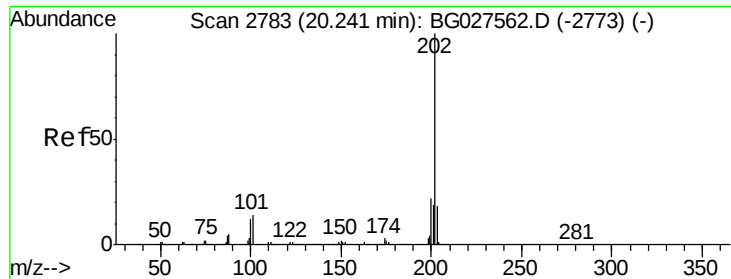
Delta R.T. -0.01 min

Lab File: BG027588.D

Acq: 22 Jun 2017 9:42

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	345367		
185	15.1	13.0	19.6	
183	13.5	11.0	16.6	





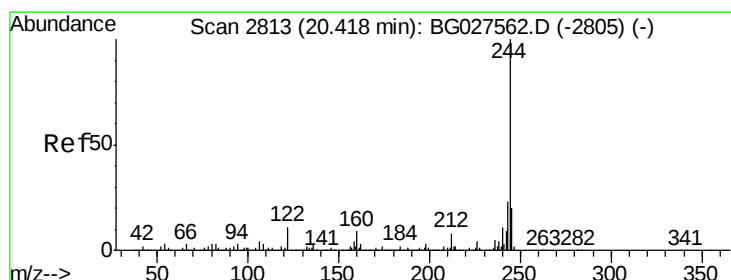
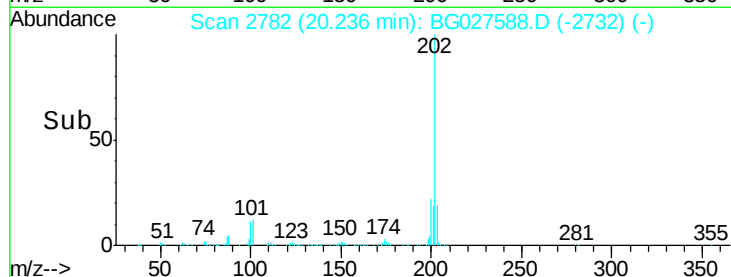
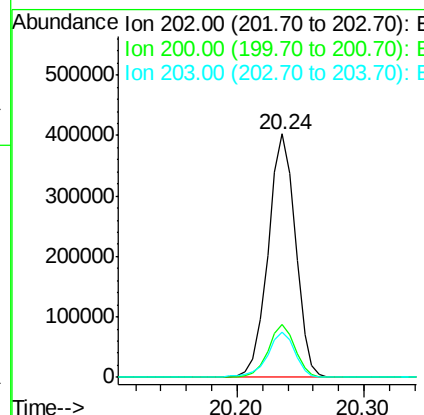
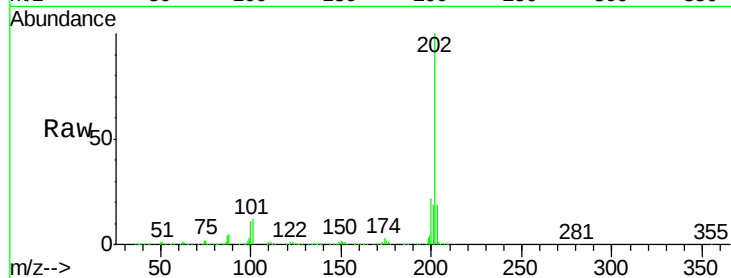
#77
 Pyrene
 Concen: 49.832 ng
 RT: 20.24 min Scan# 2782
 Delta R.T. -0.01 min
 Lab File: BG027588.D
 Acq: 22 Jun 2017 9:42

Instrument :
 BNA_G
 ClientSampled :
 SB-02-7.5-8.0MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	21.9	19.6	29.4
203	18.7	15.8	23.8

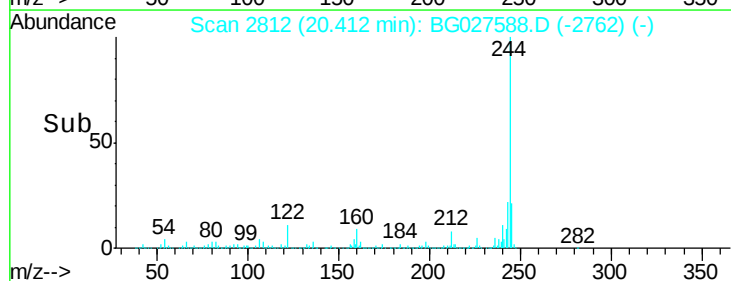
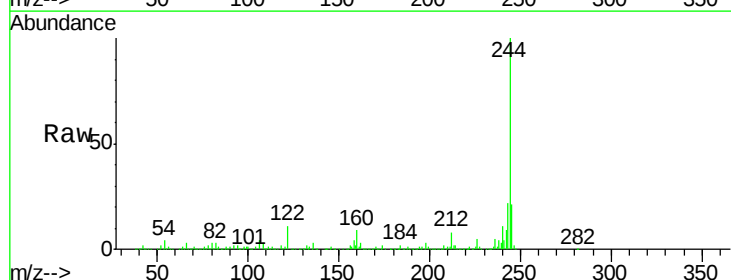
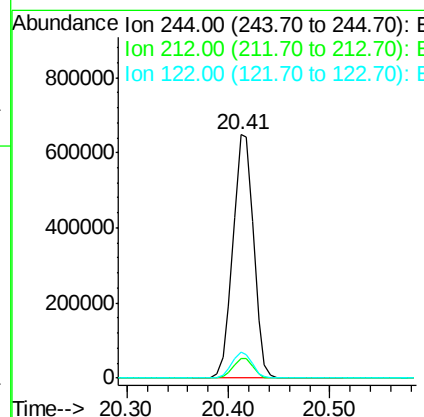
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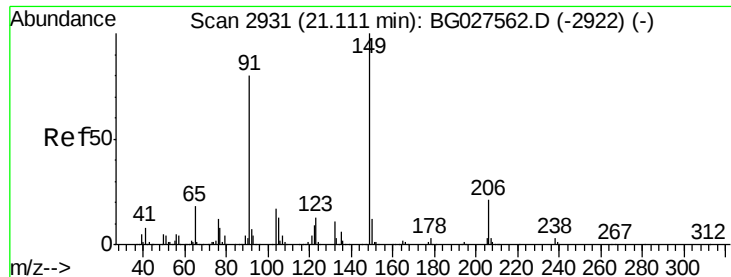
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#78
 Terphenyl-d14
 Concen: 108.001 ng
 RT: 20.41 min Scan# 2812
 Delta R.T. -0.01 min
 Lab File: BG027588.D
 Acq: 22 Jun 2017 9:42

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	8.1	10.0	15.0#
122	10.7	8.6	12.8





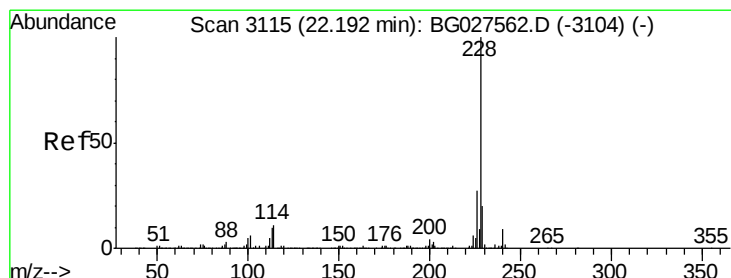
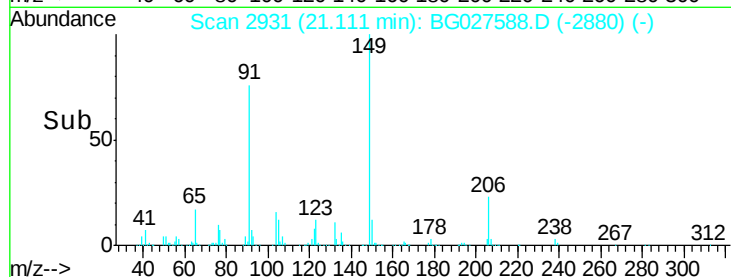
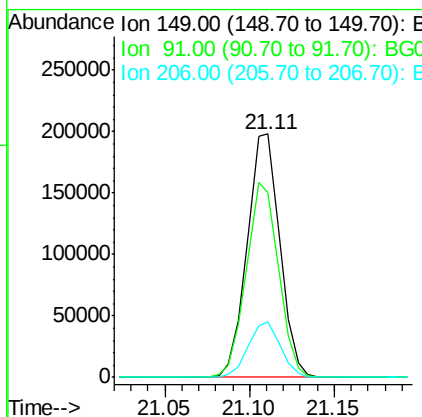
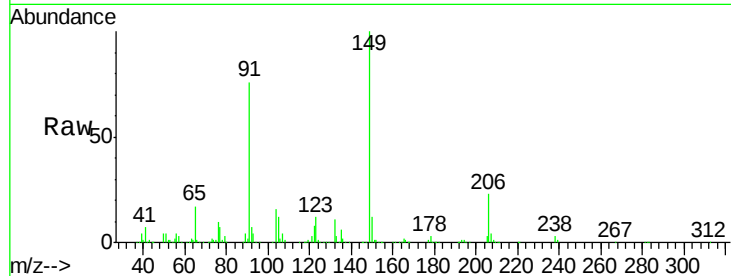
#79
Butylbenzylphthalate
Concen: 52.901 ng
RT: 21.11 min Scan# 2931
Delta R.T. 0.00 min
Lab File: BG027588.D
Acq: 22 Jun 2017 9:42

Instrument :
BNA_G
ClientSampleId :
SB-02-7.5-8.0MS

Tgt	Ion	Ratio	Lower	Upper
149	100			
91	75.9	63.5	95.3	
206	22.8	21.0	31.6	

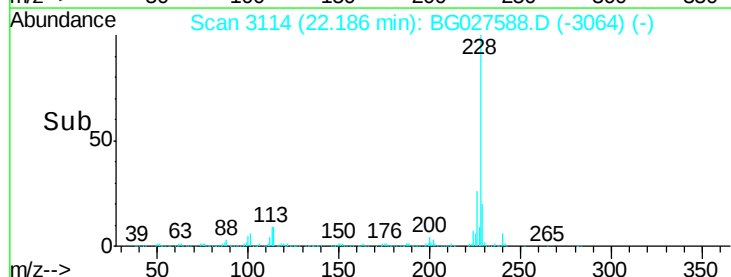
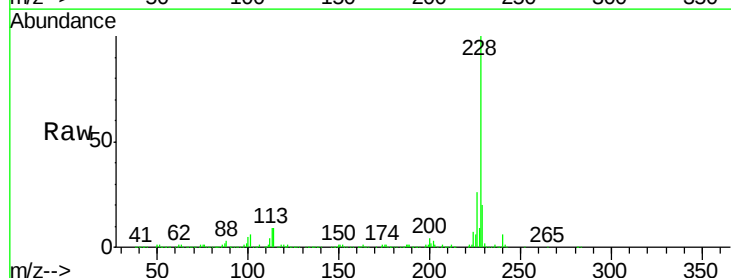
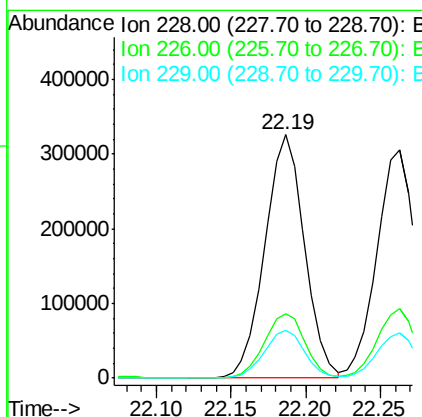
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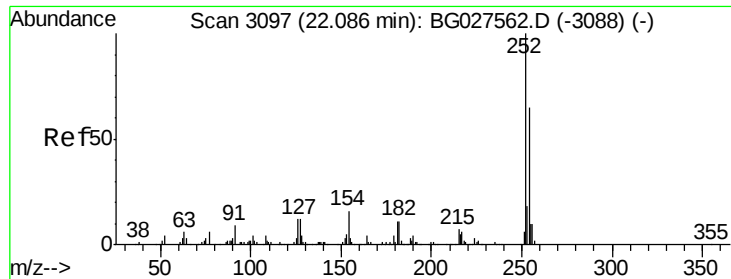
mohammad
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#80
Benzo(a)anthracene
Concen: 50.113 ng
RT: 22.19 min Scan# 3114
Delta R.T. -0.01 min
Lab File: BG027588.D
Acq: 22 Jun 2017 9:42

Tgt	Ion	Ratio	Lower	Upper
228	100			
226	26.4	24.9	37.3	
229	19.8	18.2	27.2	





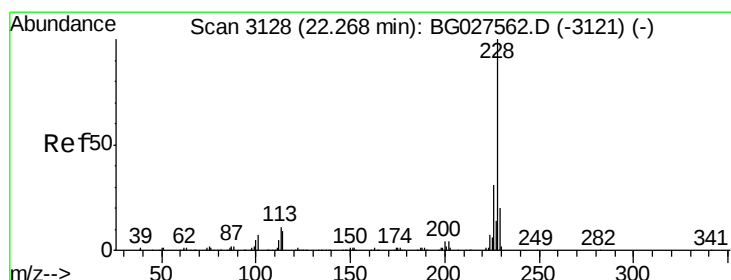
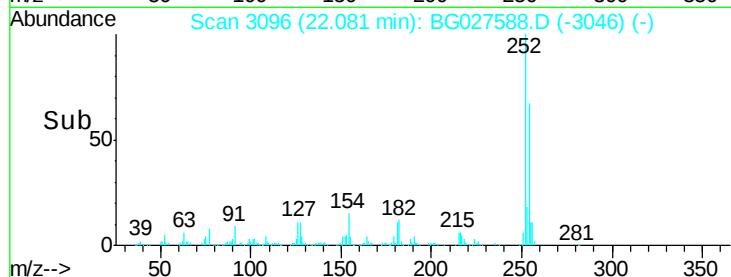
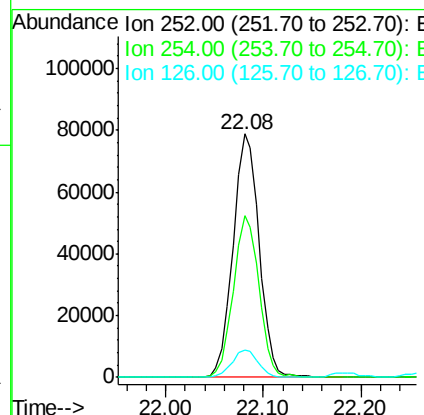
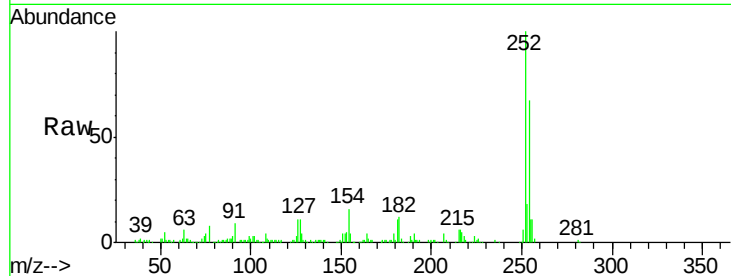
#81
 3,3'-Dichlorobenzidine
 Concen: 33.862 ng
 RT: 22.08 min Scan# 3096
 Delta R.T. -0.01 min
 Lab File: BG027588.D
 Acq: 22 Jun 2017 9:42

Instrument :
 BNA_G
 ClientSampleId :
 SB-02-7.5-8.0MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	66.6	53.1	79.7
126	11.3	7.0	10.4

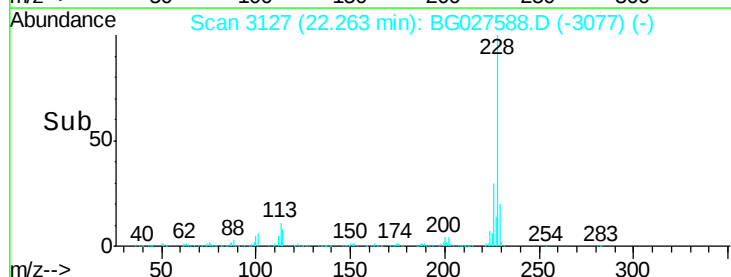
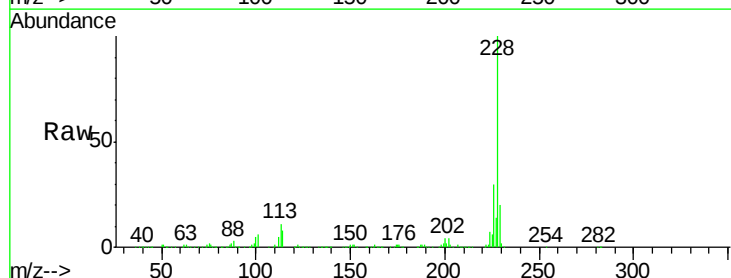
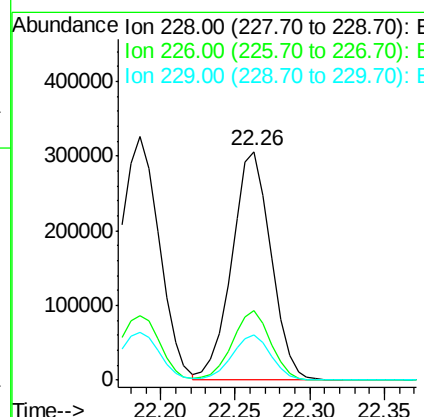
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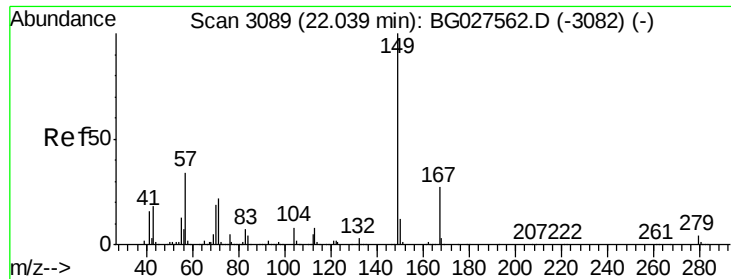
mohammad
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#82
 Chrysene
 Concen: 49.088 ng
 RT: 22.26 min Scan# 3127
 Delta R.T. -0.01 min
 Lab File: BG027588.D
 Acq: 22 Jun 2017 9:42

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.3	27.0	40.4
229	20.0	17.8	26.6





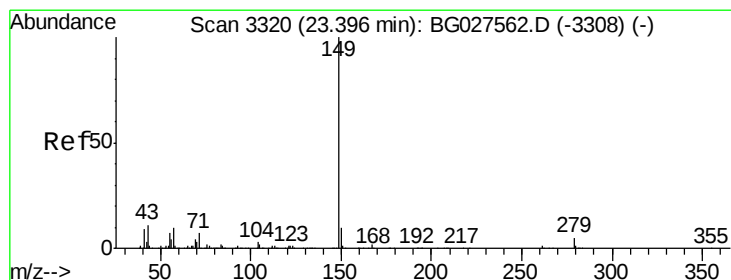
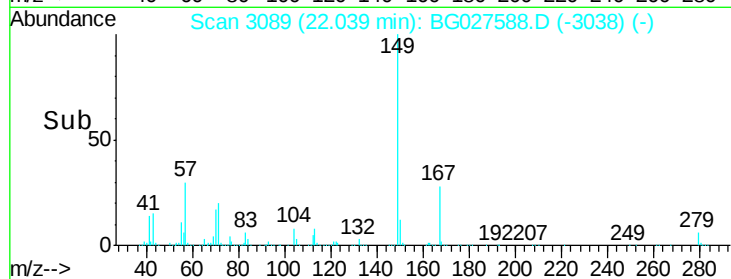
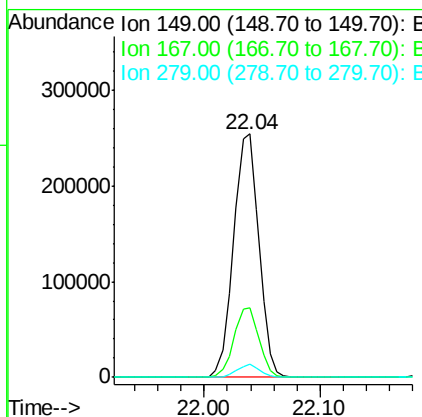
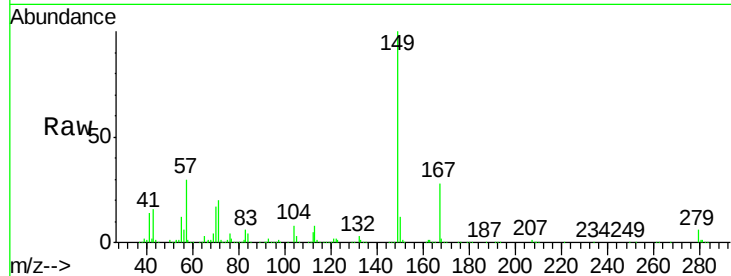
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 52.086 ng
 RT: 22.04 min Scan# 3089
 Delta R.T. 0.00 min
 Lab File: BG027588.D
 Acq: 22 Jun 2017 9:42

Instrument :
 BNA_G
 ClientSampleId :
 SB-02-7.5-8.0MS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	386448		
167	28.4	23.7	35.5	
279	5.5	4.6	6.8	

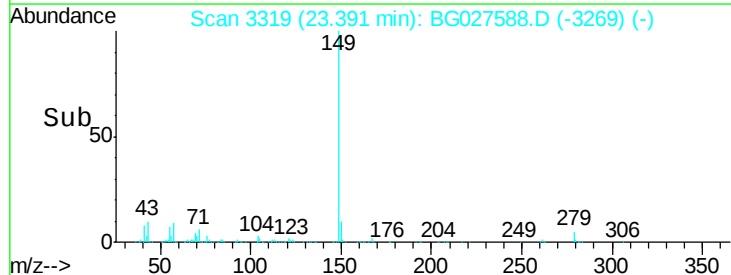
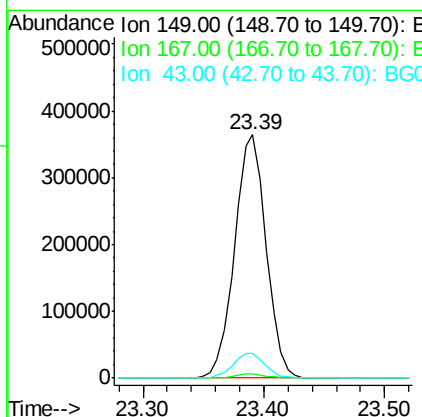
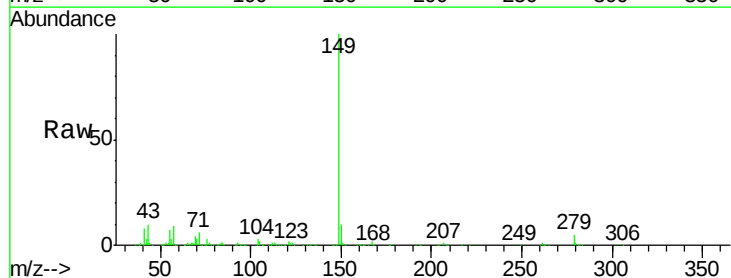
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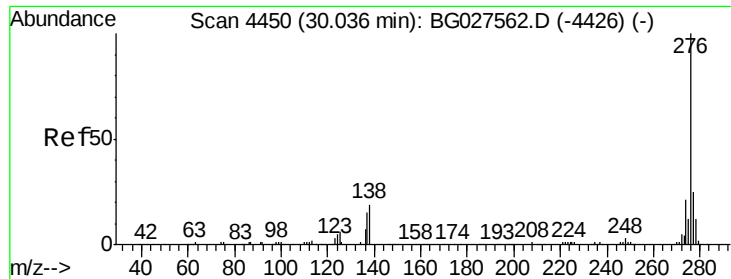
mohammad
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#84
 Di-n-octyl phthalate
 Concen: 53.612 ng
 RT: 23.39 min Scan# 3319
 Delta R.T. -0.01 min
 Lab File: BG027588.D
 Acq: 22 Jun 2017 9:42

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	661634		
167	1.7	1.4	2.2	
43	10.1	11.8	17.6	





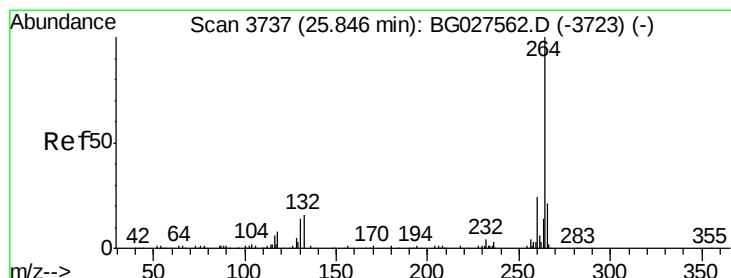
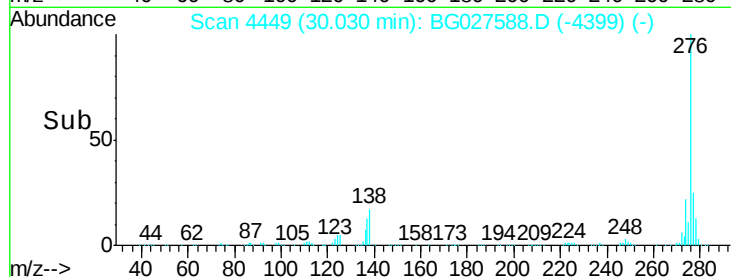
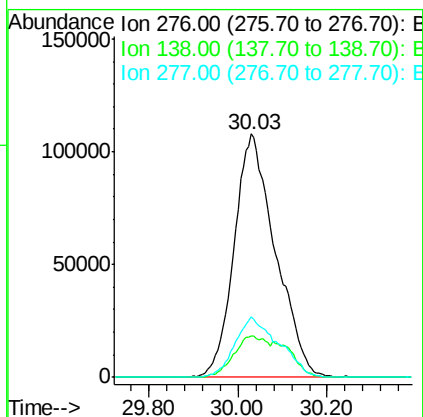
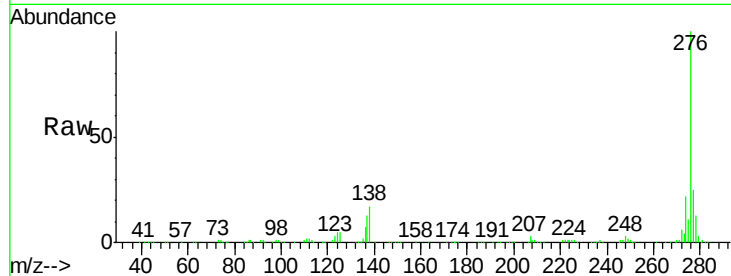
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 53.494 ng
 RT: 30.03 min Scan# 4449
 Delta R.T. -0.01 min
 Lab File: BG027588.D
 Acq: 22 Jun 2017 9:42

Instrument :
 BNA_G
 ClientSampleId :
 SB-02-7.5-8.0MS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	13.7	4.7	7.1#
277	26.4	20.6	31.0

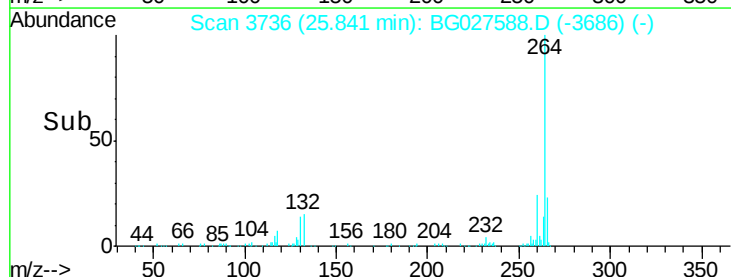
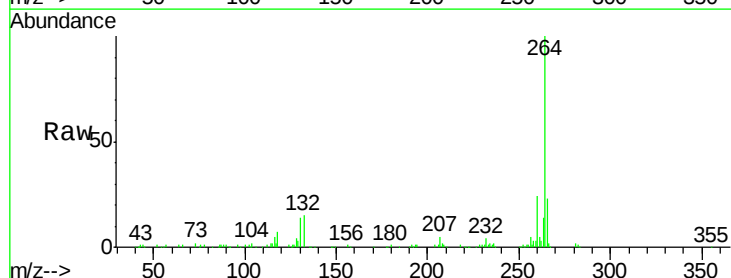
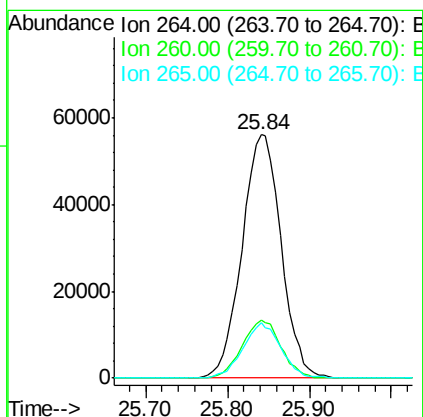
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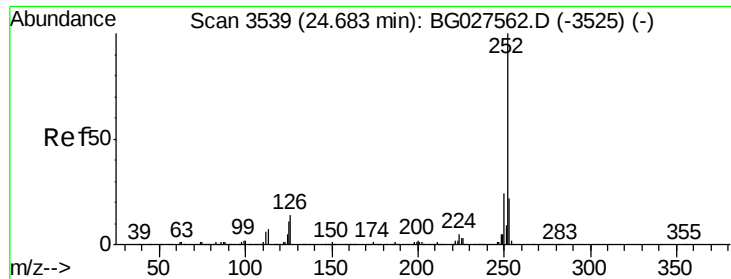
mohammad
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.84 min Scan# 3736
 Delta R.T. -0.01 min
 Lab File: BG027588.D
 Acq: 22 Jun 2017 9:42

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	21.8	32.8
265	22.7	18.2	27.4





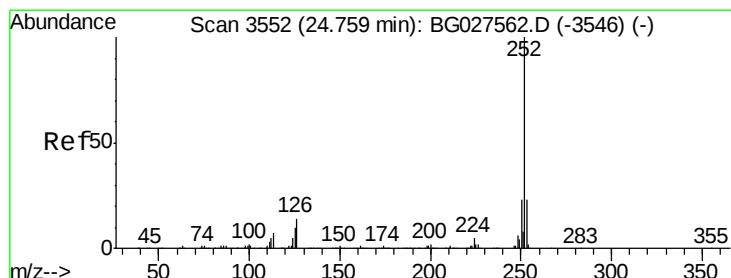
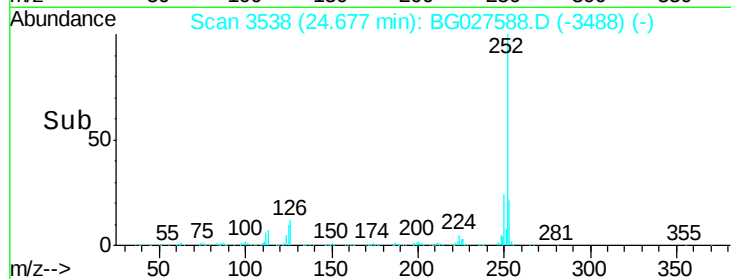
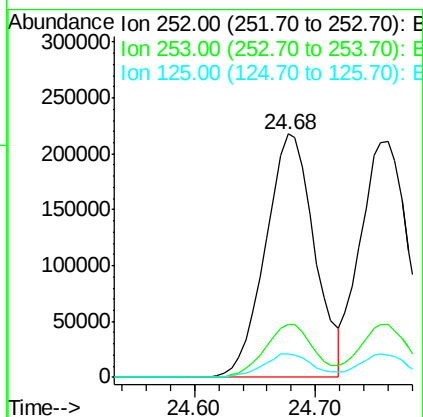
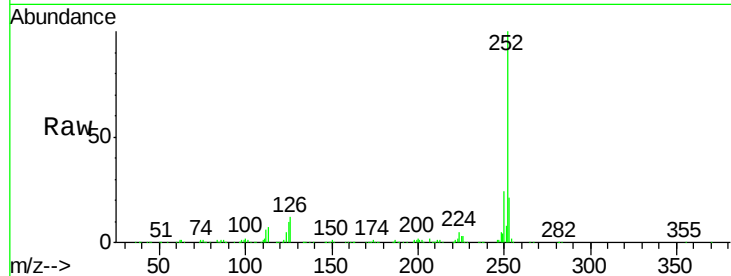
#87
Benzo(b)fluoranthene
Concen: 51.318 ng
RT: 24.68 min Scan# 3538
Delta R.T. -0.01 min
Lab File: BG027588.D
Acq: 22 Jun 2017 9:42

Instrument :
BNA_G
ClientSampleId :
SB-02-7.5-8.0MS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.7	28.1
125	9.8	5.3	7.9#

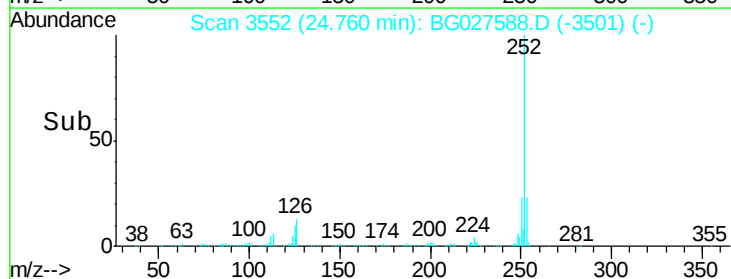
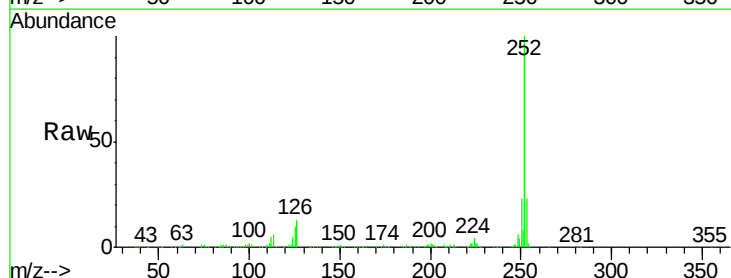
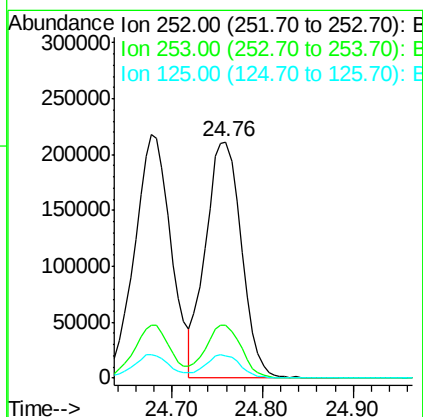
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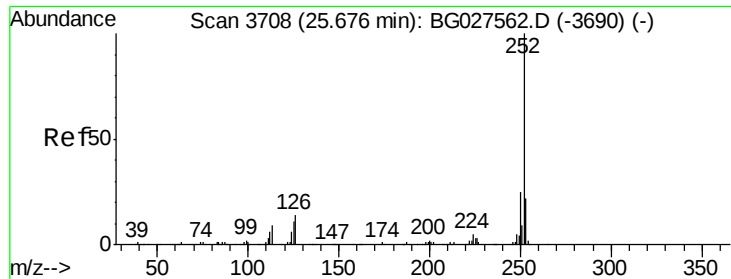
mohammad
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#88
Benzo(k)fluoranthene
Concen: 49.850 ng
RT: 24.76 min Scan# 3552
Delta R.T. 0.00 min
Lab File: BG027588.D
Acq: 22 Jun 2017 9:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	20.2	30.2
125	9.6	5.1	7.7#





#89

Benzo(a)pyrene

Concen: 51.546 ng

RT: 25.68 min Scan# 3708

Delta R.T. 0.00 min

Lab File: BG027588.D

Acq: 22 Jun 2017 9:42

Instrument :

BNA_G

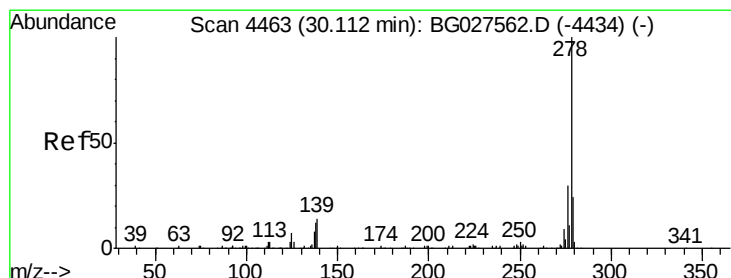
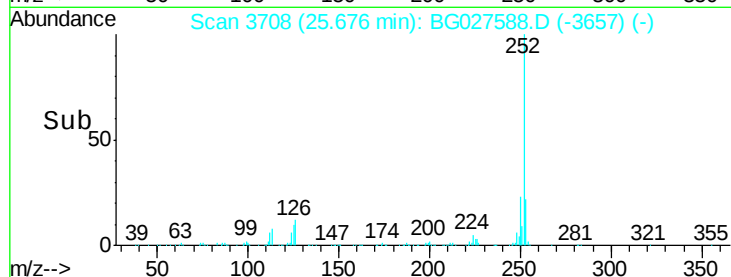
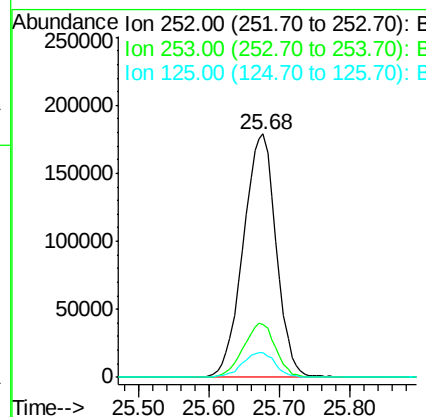
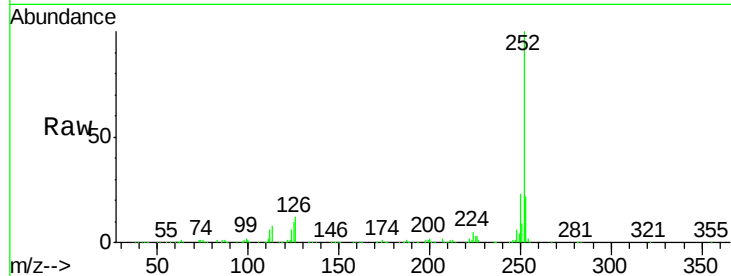
ClientSampleId :

SB-02-7.5-8.0MS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	19.2	28.8
125	10.2	5.4	8.0#

Manual Integrations
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#90

Dibenzo(a,h)anthracene

Concen: 51.337 ng

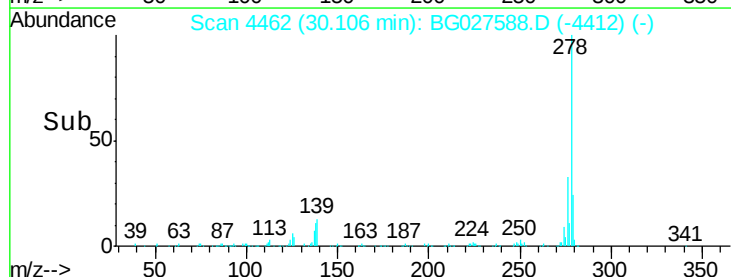
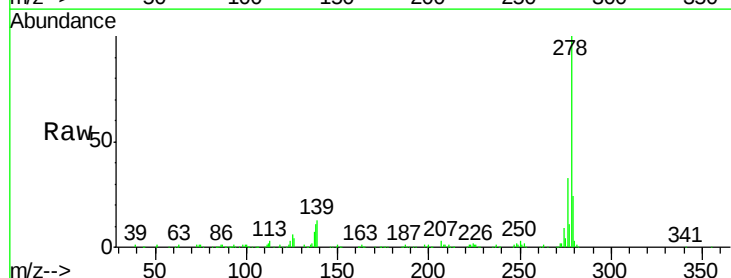
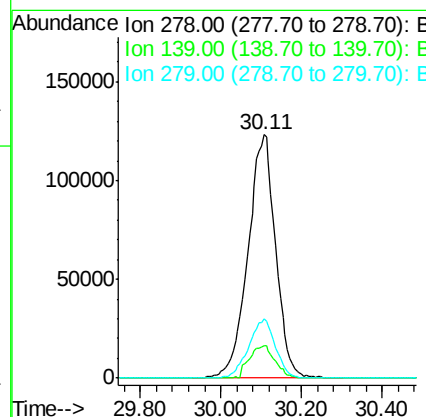
RT: 30.11 min Scan# 4462

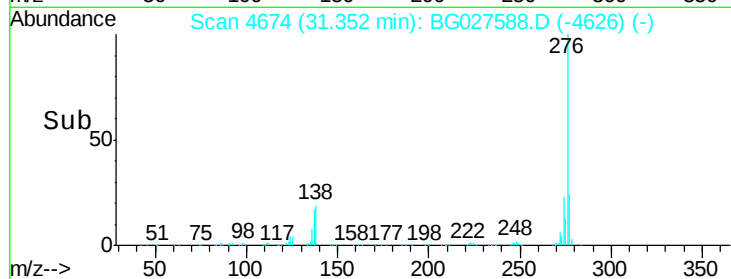
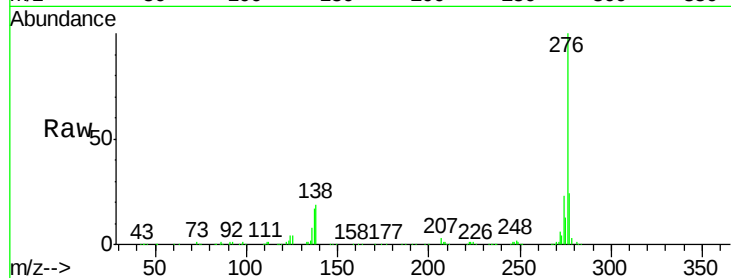
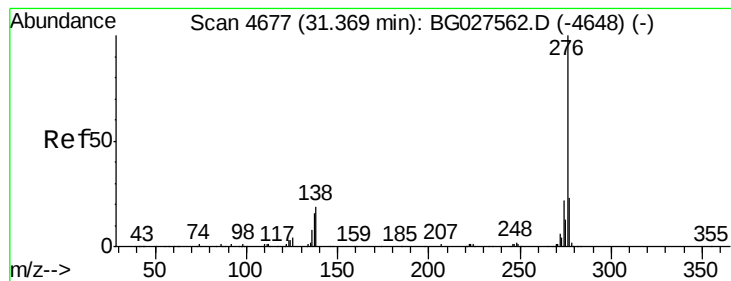
Delta R.T. -0.01 min

Lab File: BG027588.D

Acq: 22 Jun 2017 9:42

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.4	7.7	11.5#
279	24.4	19.1	28.7





#91

Benzo(g,h,i)perylene

Concen: 50.373 ng

RT: 31.35 min Scan# 4674

Delta R.T. -0.02 min

Lab File: BG027588.D

Acq: 22 Jun 2017 9:42

Instrument :

BNA_G

ClientSampleId :

SB-02-7.5-8.0MS

Tgt	Ion	276	Resp:	560624
Ion	Ratio	100	Lower	Upper
276	100			
277	23.6	18.6	27.8	
138	18.9	8.1	12.1	

Manual Integrations
APPROVED

mohammad
6/22/2017 6:04:49 PM

