

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060717\
 Data File : BG027300.D
 Acq On : 8 Jun 2017 1:50
 Operator : SJ/MA
 Sample : I3479-14MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-4(7-9)20170604MS

Manual Integrations
 APPROVED

mohammad
 6/8/2017 2:23:02 PM

Quant Time: Jun 08 07:22:14 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:00:35 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.56	152	50542	20.00	ng	-0.02
21) Naphthalene-d8	11.38	136	249560	20.00	ng	-0.02
38) Acenaphthene-d10	15.14	164	162357	20.00	ng	-0.02
63) Phenanthrene-d10	17.89	188	362898	20.00	ng	-0.02
75) Chrysene-d12	22.27	240	418411	20.00	ng	-0.04
86) Perylene-d12	25.96	264	382109	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	6.15	112	618952	186.87	ng	-0.01
7) Phenol-d6	7.70	99	897273	184.55	ng	0.00
23) Nitrobenzene-d5	9.72	82	498280	125.57	ng	-0.02
41) 2,4,6-Tribromophenol	16.63	330	366438	171.40	ng	-0.02
44) 2-Fluorobiphenyl	13.77	172	1154090	99.44	ng	-0.02
78) Terphenyl-d14	20.46	244	1516898	92.48	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	4.15	88	56757	41.33	ng	# 82
3) Pyridine	4.54	79	180818	42.71	ng	# 76
4) n-Nitrosodimethylamine	4.44	42	84417	53.85	ng	# 53
6) Aniline	7.88	93	290092	47.38	ng	94
8) 2-Chlorophenol	8.13	128	219484	62.76	ng	91
9) Benzaldehyde	7.70	77	110784	32.96	ng	83
10) Phenol	7.72	94	340598	68.50	ng	77
11) bis(2-Chloroethyl)ether	7.97	93	215187	52.76	ng	88
12) 1,3-Dichlorobenzene	8.45	146	198153	50.23	ng	94
13) 1,4-Dichlorobenzene	8.60	146	201996	49.90	ng	96
14) 1,2-Dichlorobenzene	8.92	146	198140	50.18	ng	94
15) Benzyl Alcohol	8.78	79	219017	63.94	ng	# 84
16) 2,2'-oxybis(1-Chloropropan	9.07	45	340949	58.42	ng	94
17) 2-Methylphenol	8.97	107	214743	61.10	ng	# 87
18) Hexachloroethane	9.65	117	73049	53.57	ng	85
19) n-Nitroso-di-n-propylamine	9.35	70	191082	56.18	ng	# 86
20) 3+4-Methylphenols	9.30	107	294096	60.41	ng	89
22) Acetophenone	9.38	105	338830	53.09	ng	# 84
24) Nitrobenzene	9.76	77	263959	58.39	ng	# 88
25) Isophorone	10.29	82	523225	56.07	ng	# 97
26) 2-Nitrophenol	10.48	139	114224	59.30	ng	# 78
27) 2,4-Dimethylphenol	10.52	122	245890	61.29	ng	94
28) bis(2-Chloroethoxy)methane	10.76	93	325950	53.95	ng	99
29) 2,4-Dichlorophenol	11.01	162	223227	60.95	ng	99
30) 1,2,4-Trichlorobenzene	11.23	180	206119	50.82	ng	98
31) Naphthalene	11.43	128	686591	50.34	ng	99
32) Benzoic acid	10.57	122	20708	14.24	ng	89
33) 4-Chloroaniline	11.53	127	148829	26.19	ng	# 90
34) Hexachlorobutadiene	11.70	225	118344	47.48	ng	98
35) Caprolactam	12.30	113	78226m	62.28	ng	
36) 4-Chloro-3-methylphenol	12.60	107	276500	60.23	ng	94
37) 2-Methylnaphthalene	13.00	142	511615	51.42	ng	93
39) 1,2,4,5-Tetrachlorobenzene	13.35	216	247041	48.84	ng	98
40) Hexachlorocyclopentadiene	13.33	237	305488	113.48	ng	95

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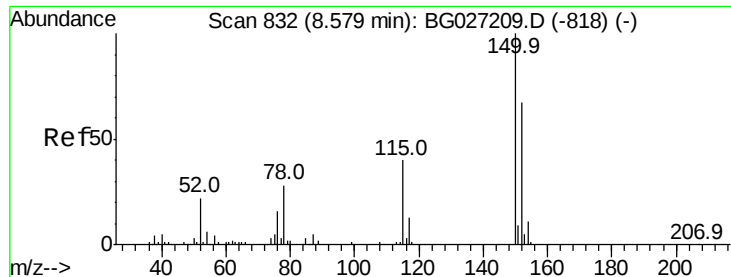
Manual Integrations
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.58	196	180313	58.78	nq	96
43) 2,4,5-Trichlorophenol	13.65	196	196845	57.34	nq	96
45) 1,1'-Biphenyl	13.98	154	674415	50.89	nq	96
46) 2-Chloronaphthalene	14.03	162	517735	52.11	nq	99
47) 2-Nitroaniline	14.22	65	180823	61.72	nq	# 86
48) Acenaphthylene	14.86	152	832686	49.52	nq	99
49) Dimethylphthalate	14.58	163	873587	67.83	nq	98
50) 2,6-Dinitrotoluene	14.70	165	143458	54.03	nq	# 81
51) Acenaphthene	15.21	154	548792	50.17	nq	98
52) 3-Nitroaniline	15.03	138	108732	40.61	nq	90
53) 2,4-Dinitrophenol	15.23	184	77590	66.71	nq	98
54) Dibenzofuran	15.53	168	806654	52.78	nq	93
55) 4-Nitrophenol	15.32	139	256883	103.63	nq	# 55
56) 2,4-Dinitrotoluene	15.49	165	198236	57.59	nq	# 84
57) Fluorene	16.19	166	655424	48.28	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.75	232	183075	59.74	nq	98
59) Diethylphthalate	15.93	149	682015	53.09	nq	98
60) 4-Chlorophenyl-phenylether	16.16	204	335379	49.04	nq	96
61) 4-Nitroaniline	16.20	138	159558	56.29	nq	# 65
62) Azobenzene	16.46	77	698402	58.66	nq	90
64) 4,6-Dinitro-2-methylphenol	16.25	198	97538	56.76	nq	87
65) n-Nitrosodiphenylamine	16.38	169	592571	52.08	nq	99
66) 4-Bromophenyl-phenylether	17.06	248	218285	50.82	nq	94
67) Hexachlorobenzene	17.19	284	233870	50.62	nq	91
68) Atrazine	17.32	200	213661	56.16	nq	98
69) Pentachlorophenol	17.53	266	289404	106.87	nq	97
70) Phenanthrene	17.93	178	1033742	50.63	nq	96
71) Anthracene	18.03	178	1047529	51.21	nq	98
72) Carbazole	18.29	167	929779	48.19	nq	96
73) Di-n-butylphthalate	18.82	149	1082515	57.86	nq	# 94
74) Fluoranthene	19.92	202	1146782	52.58	nq	94
76) Benzidine	20.09	184	605054	48.00	nq	98
77) Pyrene	20.29	202	1168943	46.24	nq	97
79) Butylbenzylphthalate	21.17	149	494231	55.33	nq	94
80) Benzo(a)anthracene	22.26	228	1172382	49.13	nq	96
81) 3,3'-Dichlorobenzidine	22.15	252	270093	29.10	nq	97
82) Chrysene	22.33	228	1091994	47.67	nq	96
83) Bis(2-ethylhexyl)phthalate	22.11	149	720297	53.36	nq	100
84) Di-n-octyl phthalate	23.50	149	1217779	54.47	nq	# 90
85) Indeno(1,2,3-cd)pyrene	30.22	276	1380776	49.77	nq	# 93
87) Benzo(b)fluoranthene	24.78	252	1195667	50.45	nq	# 96
88) Benzo(k)fluoranthene	24.86	252	1159811	49.89	nq	# 95
89) Benzo(a)pyrene	25.79	252	1132799	50.78	nq	# 94
90) Dibenzo(a,h)anthracene	30.30	278	1180953	50.57	nq	# 95
91) Benzo(g,h,i)perylene	31.56	276	1117918	49.43	nq	# 89

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.56 min Scan# 829

Delta R.T. -0.02 min

Lab File: BG027300.D

Acq: 8 Jun 2017 1:50

Instrument :

BNA_G

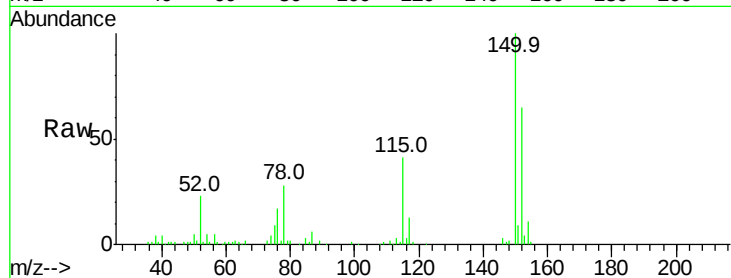
ClientSampleId :

SB-4(7-9)20170604MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	114.0	171.0
115	63.1	48.1	72.1

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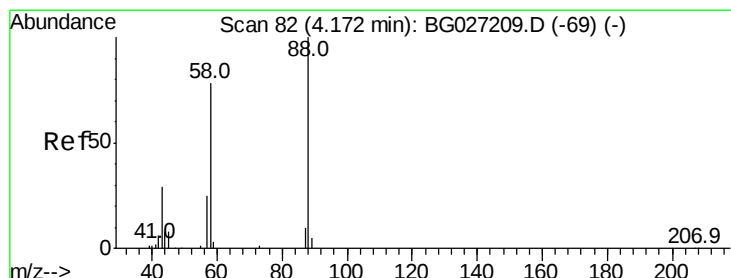
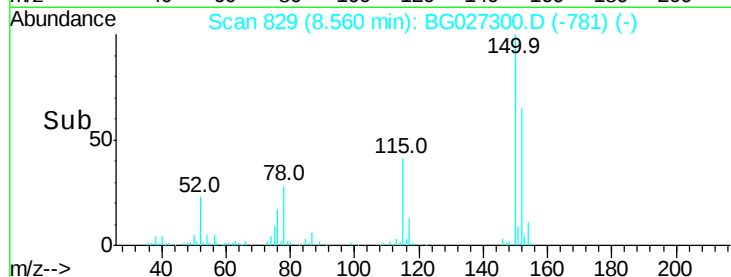
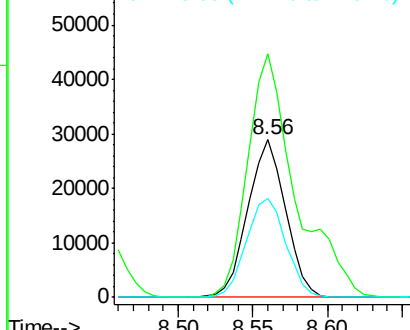


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 41.33 ng

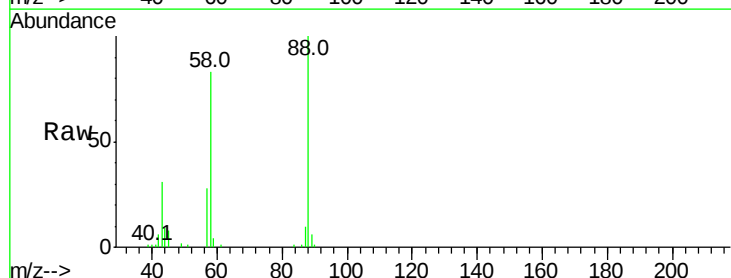
RT: 4.15 min Scan# 79

Delta R.T. -0.02 min

Lab File: BG027300.D

Acq: 8 Jun 2017 1:50

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.1	79.4	119.2
43	28.5	33.8	50.6#

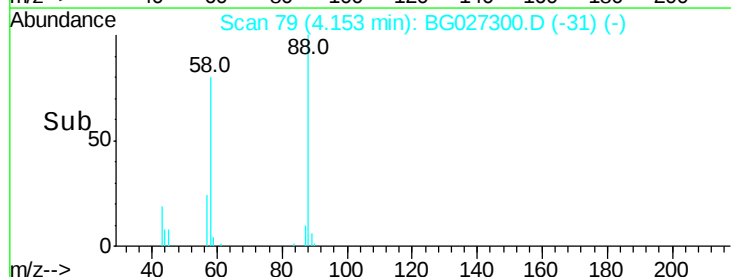
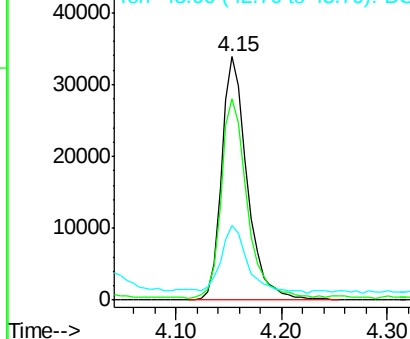


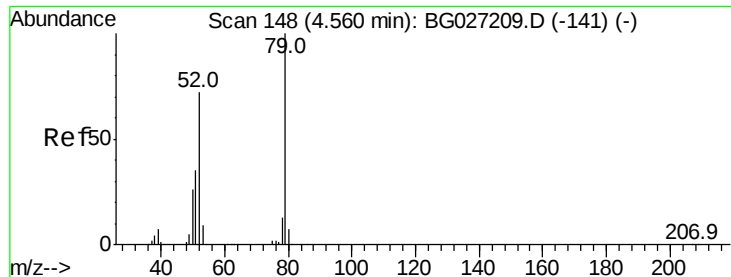
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 42.71 ng

RT: 4.54 min Scan# 144

Delta R.T. -0.02 min

Lab File: BG027300.D

Acq: 8 Jun 2017 1:50

Instrument :

BNA_G

ClientSampleId :

SB-4(7-9)20170604MS

Tot Ion: 79 Resp: 180818

Ion Ratio Lower Upper

79 100

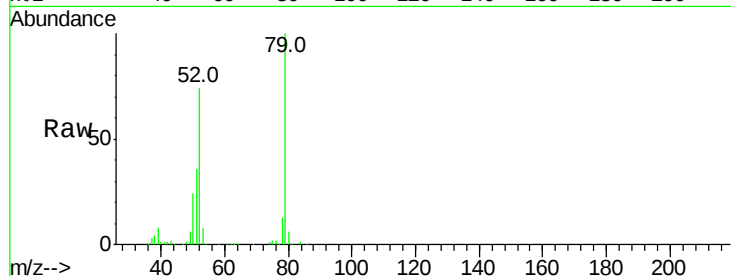
52 74.5 77.8 116.6#

51 35.7 43.2 64.8#

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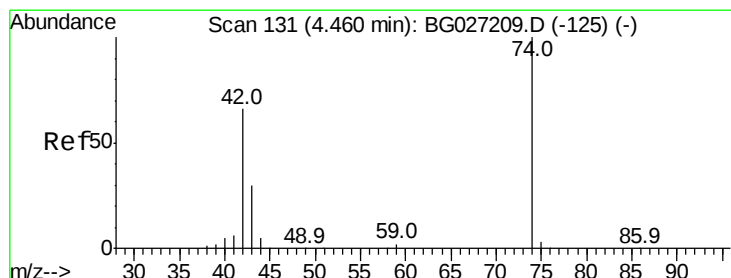
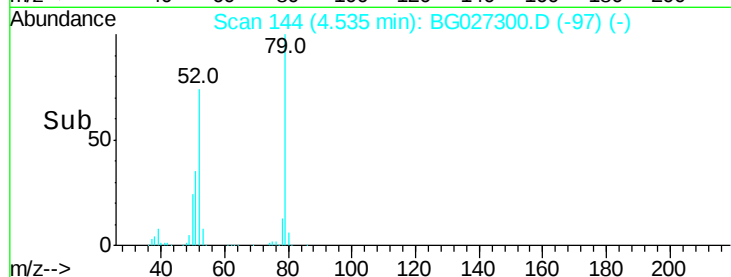
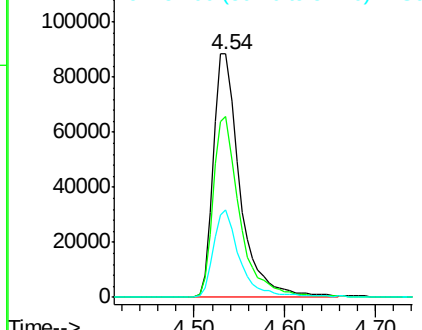
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Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 53.85 ng

RT: 4.44 min Scan# 128

Delta R.T. -0.02 min

Lab File: BG027300.D

Acq: 8 Jun 2017 1:50

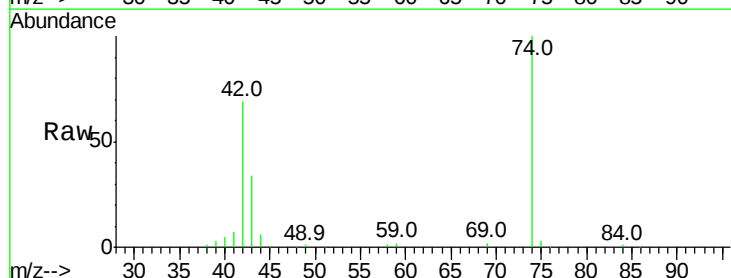
Tgt Ion: 42 Resp: 84417

Ion Ratio Lower Upper

42 100

74 145.4 76.7 115.1#

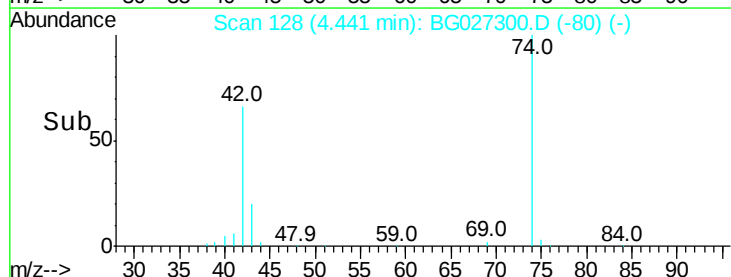
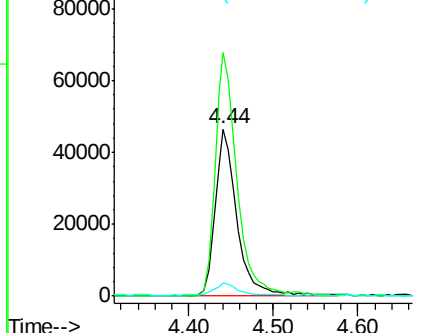
44 8.1 6.1 9.1

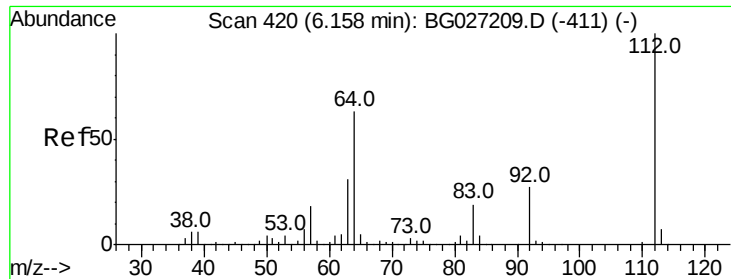


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 186.87 ng

RT: 6.15 min Scan# 418

Delta R.T. -0.01 min

Lab File: BG027300.D

Acq: 8 Jun 2017 1:50

Instrument :

BNA_G

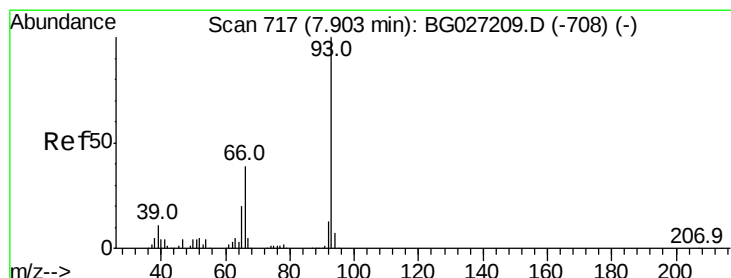
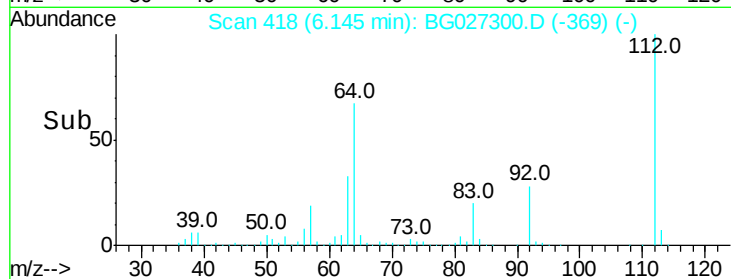
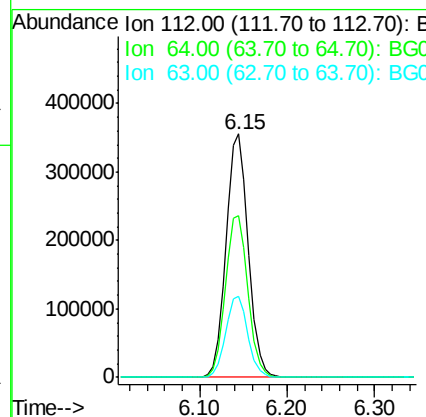
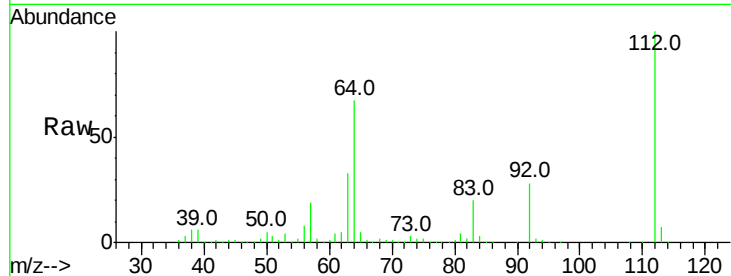
ClientSampleId :

SB-4(7-9)20170604MS

Tot Ion:	112	Resp:	618952
Ion Ratio	Lower	Upper	
112	100		
64	66.5	61.8	92.6
63	33.4	37.2	55.8

Manual Integrations
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#6

Aniline

Concen: 47.38 ng

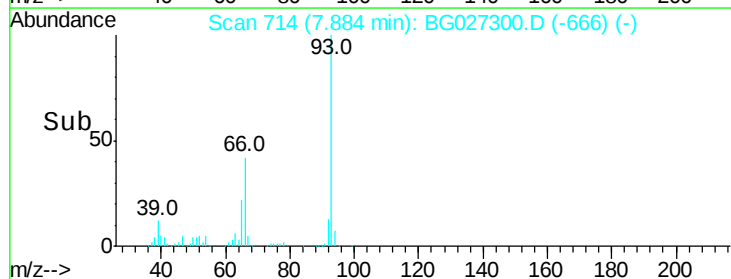
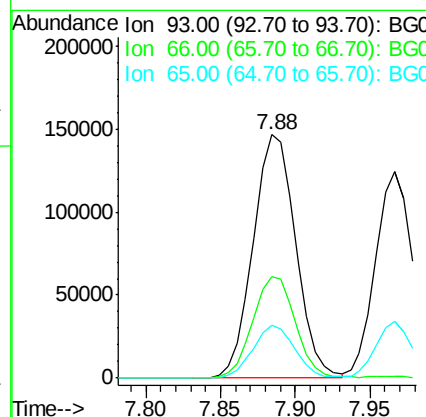
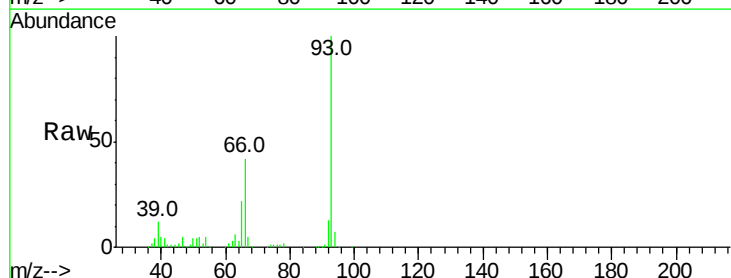
RT: 7.88 min Scan# 714

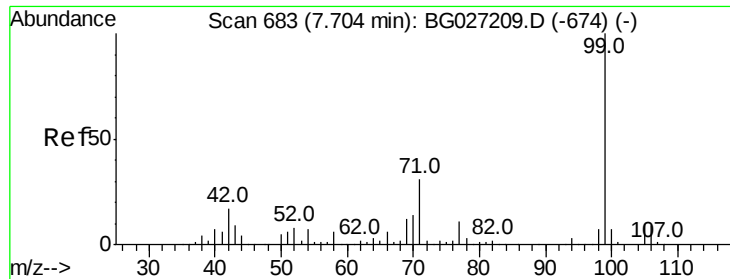
Delta R.T. -0.02 min

Lab File: BG027300.D

Acq: 8 Jun 2017 1:50

Tgt Ion:	93	Resp:	290092
Ion Ratio	Lower	Upper	
93	100		
66	41.9	35.4	53.2
65	21.7	21.2	31.8





#7

Phenol-d6

Concen: 184.55 ng

RT: 7.70 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG027300.D

Acq: 8 Jun 2017 1:50

Instrument :

BNA_G

ClientSampleId :

SB-4(7-9)20170604MS

Tot Ion: 99 Resp: 897273

Ion Ratio Lower Upper

99 100

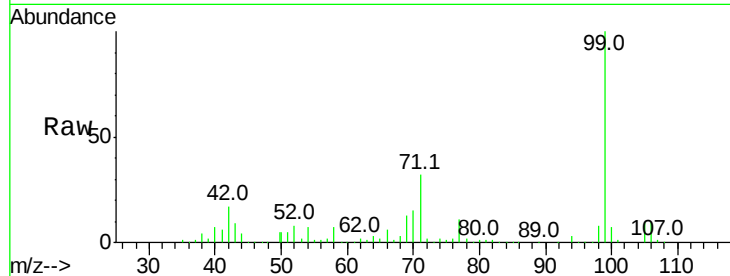
42 16.9 20.5 30.7#

71 31.9 37.6 56.4#

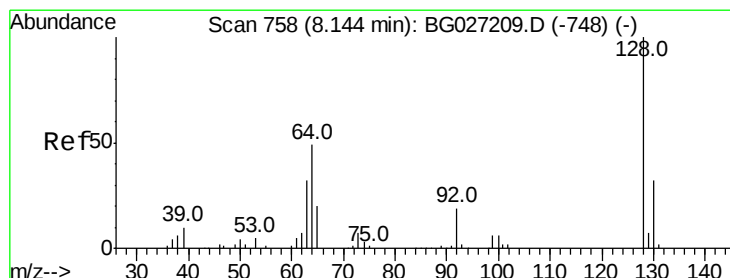
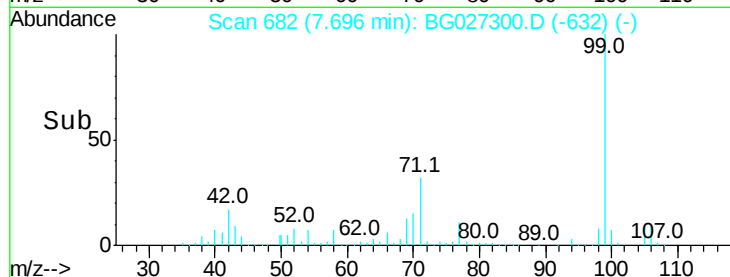
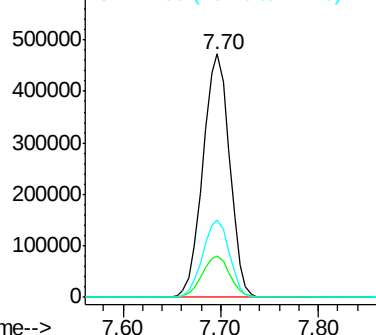
Manual Integrations
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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 62.76 ng

RT: 8.13 min Scan# 755

Delta R.T. -0.02 min

Lab File: BG027300.D

Acq: 8 Jun 2017 1:50

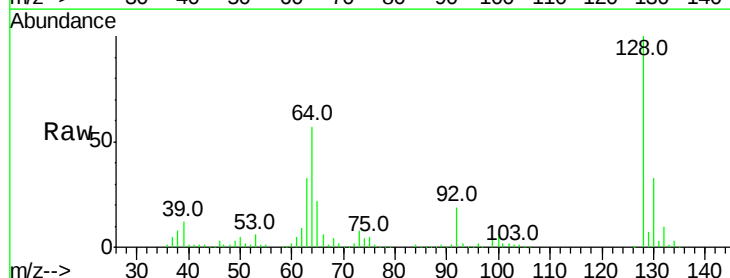
Tgt Ion: 128 Resp: 219484

Ion Ratio Lower Upper

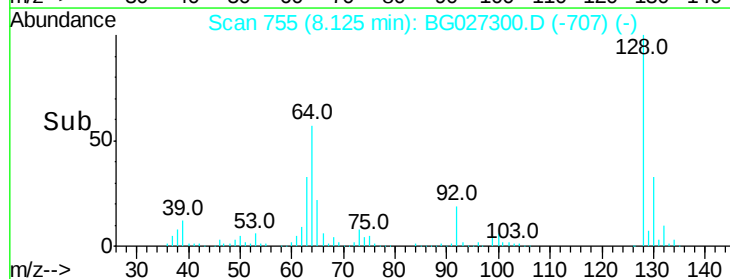
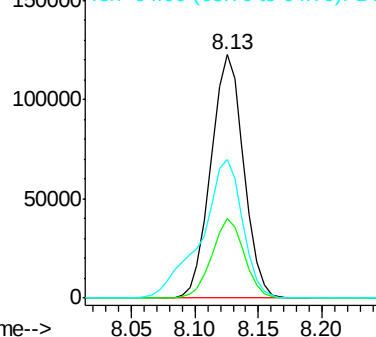
128 100

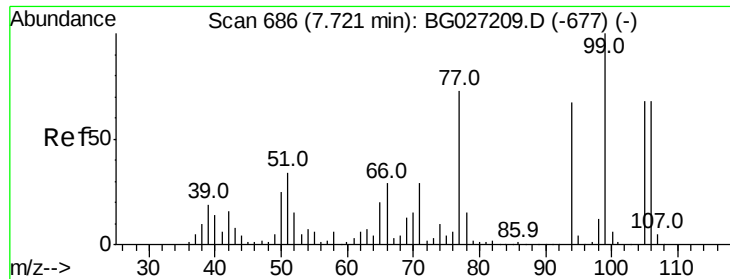
130 33.0 11.4 51.4

64 56.7 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





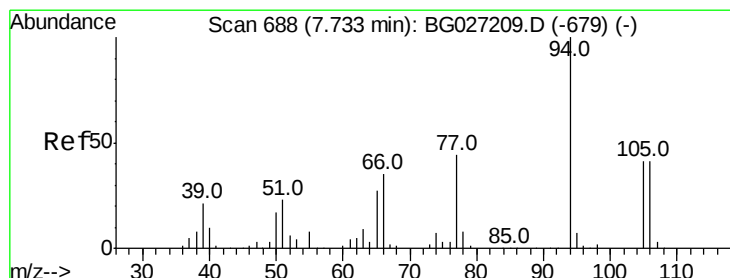
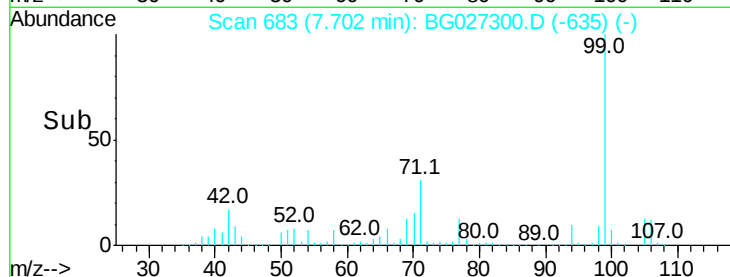
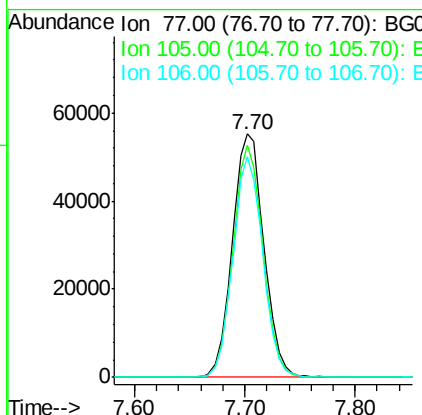
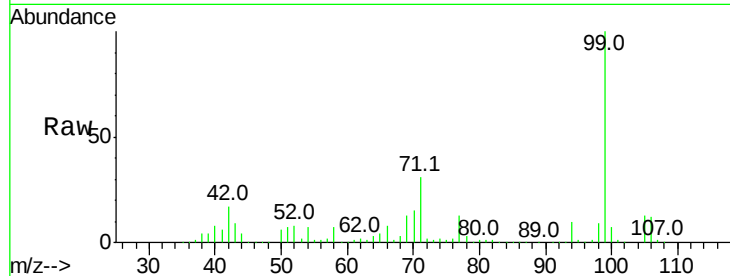
#9
Benzaldehyde
Concen: 32.96 ng
RT: 7.70 min Scan# 683
Delta R.T. -0.02 min
Lab File: BG027300.D
Acq: 8 Jun 2017 1:50

Instrument :
BNA_G
ClientSampleId :
SB-4(7-9)20170604MS

Tot Ion	Ratio	Lower	Upper
77	100		
105	95.3	60.9	100.9
106	90.8	55.1	95.1

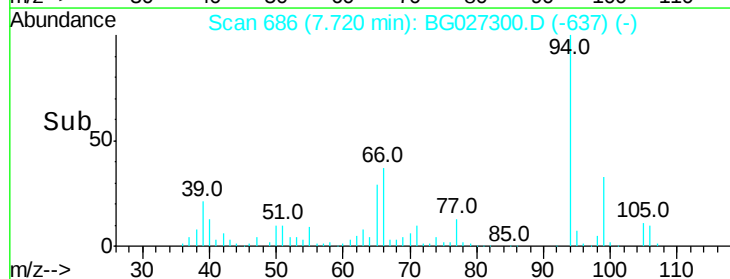
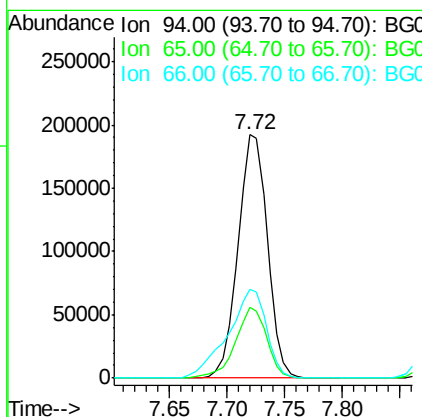
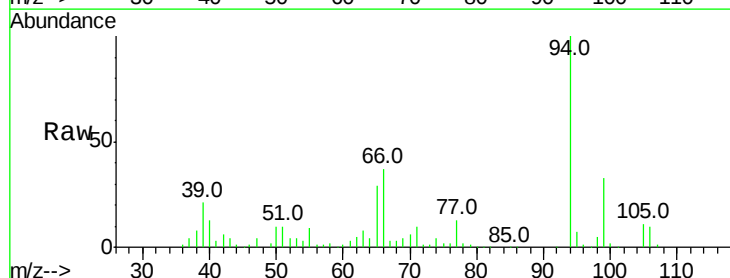
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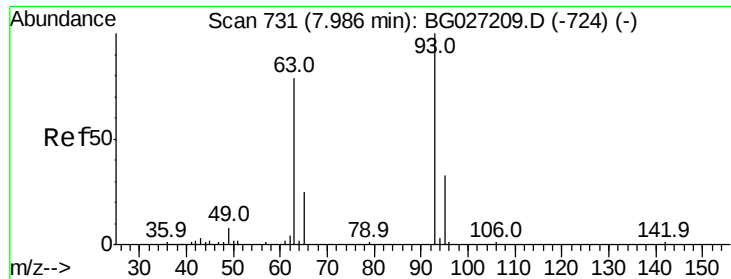
mohammad
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#10
Phenol
Concen: 68.50 ng
RT: 7.72 min Scan# 686
Delta R.T. -0.01 min
Lab File: BG027300.D
Acq: 8 Jun 2017 1:50

Tgt Ion	Ratio	Lower	Upper
94	100		
65	29.0	20.6	60.6
66	36.6	35.5	75.5





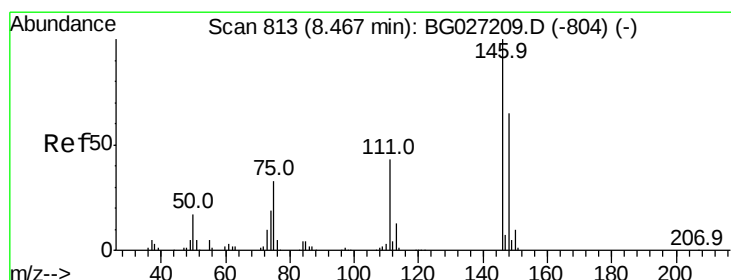
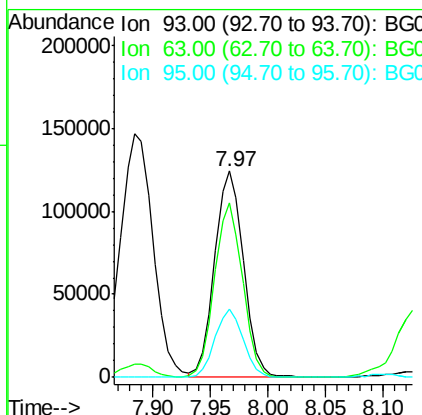
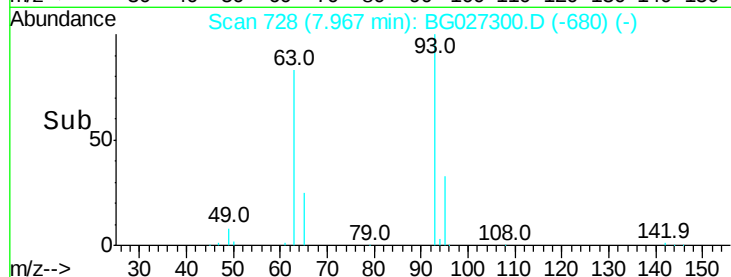
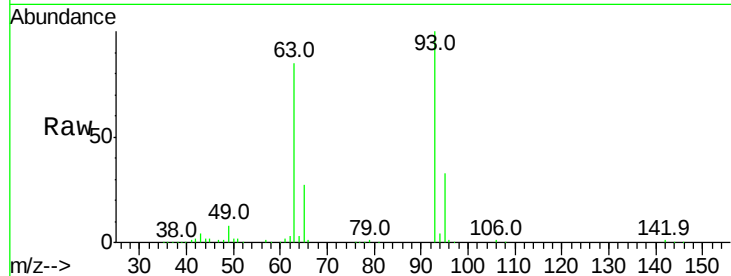
#11
bis(2-Chloroethyl)ether
Concen: 52.76 ng
RT: 7.97 min Scan# 728
Delta R.T. -0.02 min
Lab File: BG027300.D
Acq: 8 Jun 2017 1:50

Instrument :
BNA_G
ClientSampleId :
SB-4(7-9)20170604MS

Tot Ion:	93	Resp:	215187
Ion Ratio	Lower	Upper	
93	100		
63	84.8	78.5	118.5
95	33.4	9.8	49.8

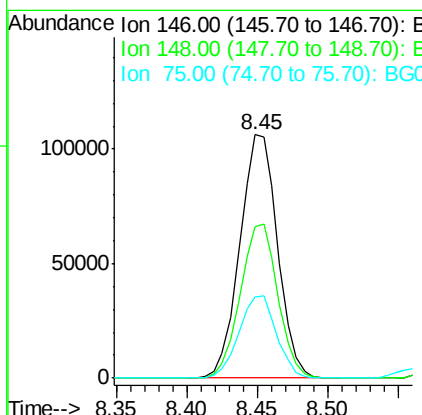
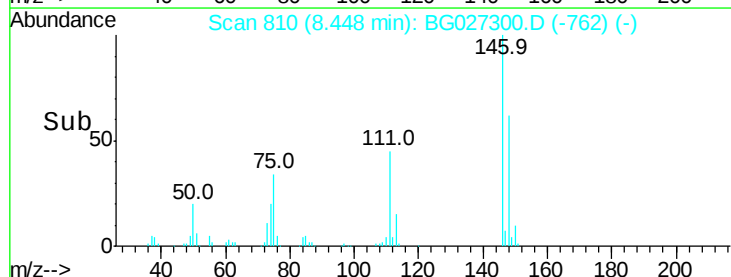
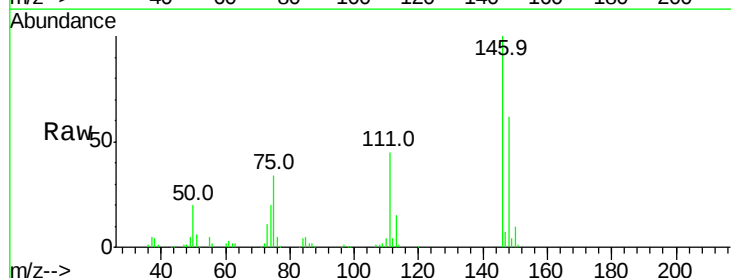
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#12
1,3-Dichlorobenzene
Concen: 50.23 ng
RT: 8.45 min Scan# 810
Delta R.T. -0.02 min
Lab File: BG027300.D
Acq: 8 Jun 2017 1:50

Tgt Ion:	146	Resp:	198153
Ion Ratio	Lower	Upper	
146	100		
148	62.1	49.2	73.8
75	33.5	33.4	50.2





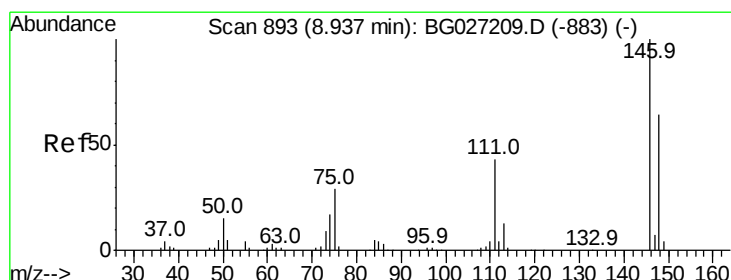
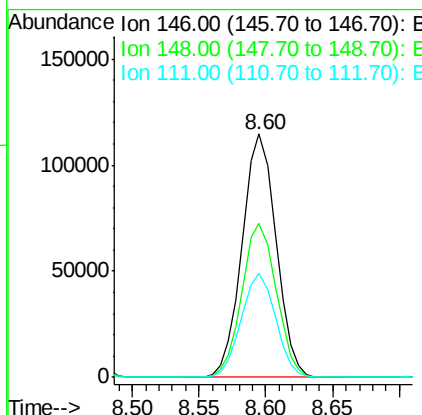
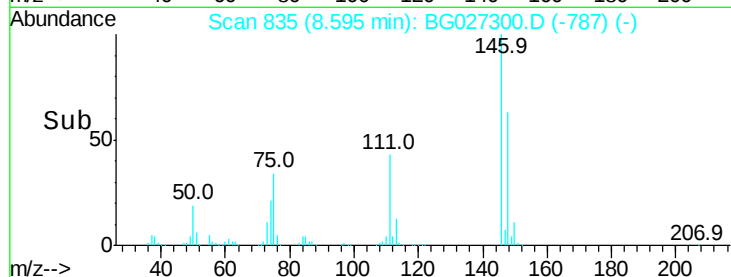
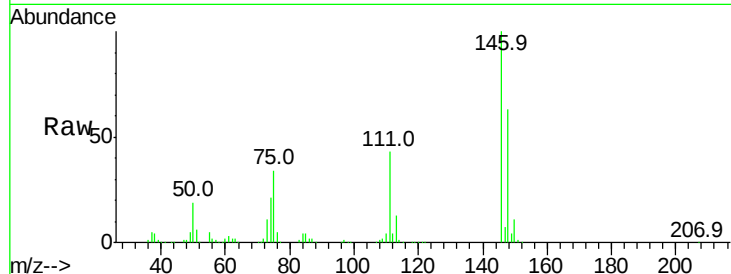
#13
1,4-Dichlorobenzene
Concen: 49.90 ng
RT: 8.60 min Scan# 835
Delta R.T. -0.02 min
Lab File: BG027300.D
Acq: 8 Jun 2017 1:50

Instrument :
BNA_G
ClientSampleId :
SB-4(7-9)20170604MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.2	52.2	78.2
111	42.7	37.0	55.6

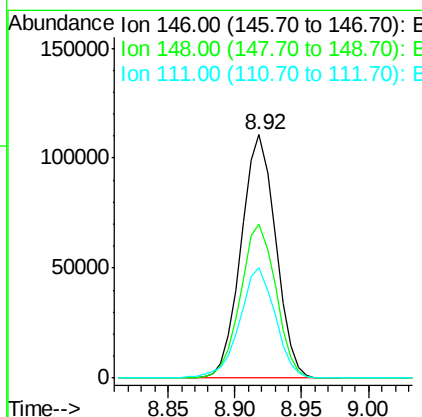
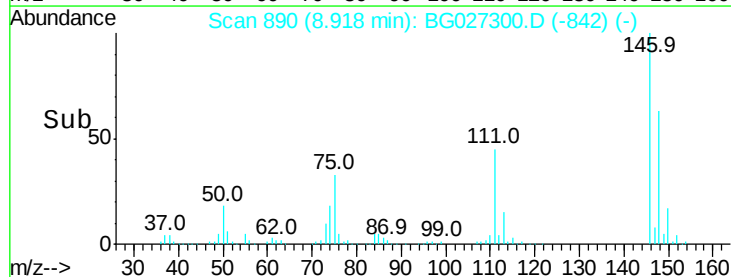
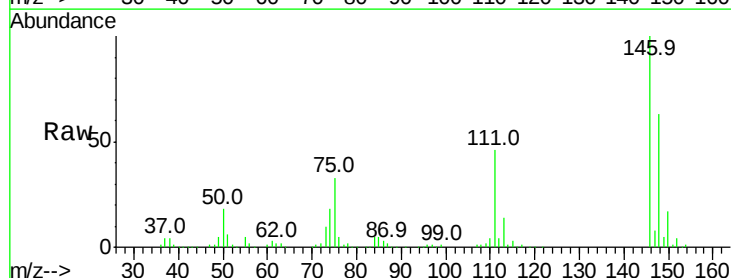
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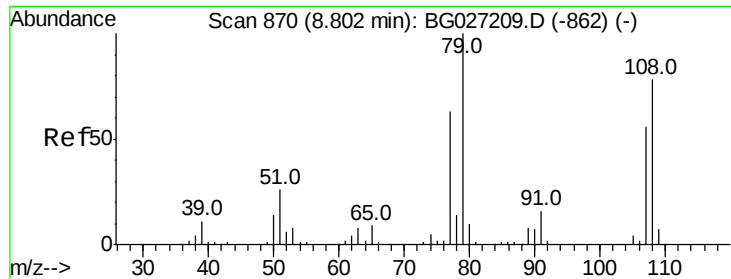
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#14
1,2-Dichlorobenzene
Concen: 50.18 ng
RT: 8.92 min Scan# 890
Delta R.T. -0.02 min
Lab File: BG027300.D
Acq: 8 Jun 2017 1:50

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	54.6	81.8
111	45.5	39.7	59.5





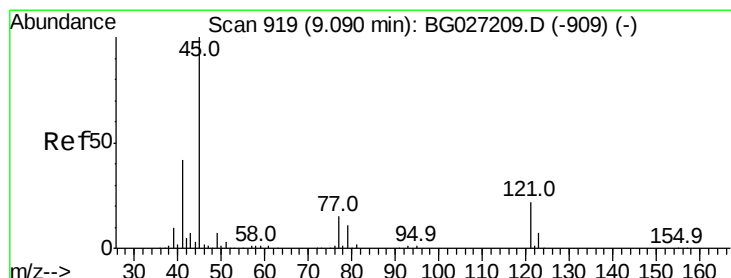
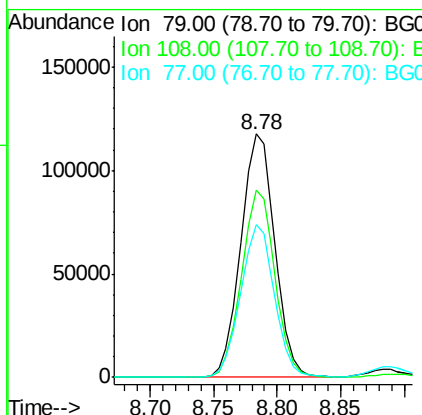
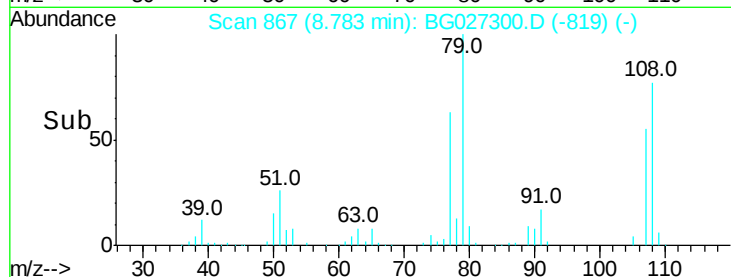
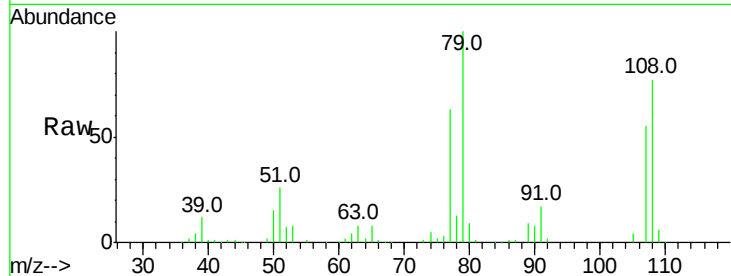
#15
Benzyl Alcohol
Concen: 63.94 ng
RT: 8.78 min Scan# 867
Delta R.T. -0.02 min
Lab File: BG027300.D
Acq: 8 Jun 2017 1:50

Instrument :
BNA_G
ClientSampleId :
SB-4(7-9)20170604MS

Tot Ion: 79 Resp: 219017
Ion Ratio Lower Upper
79 100
108 77.2 45.5 68.3#
77 63.0 54.3 81.5

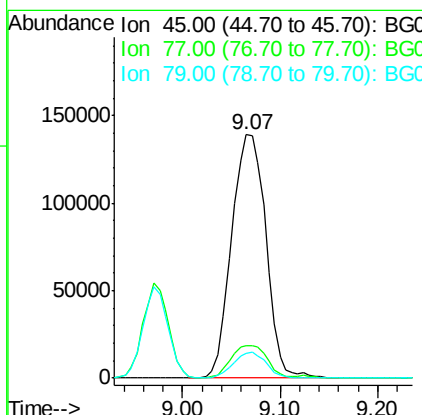
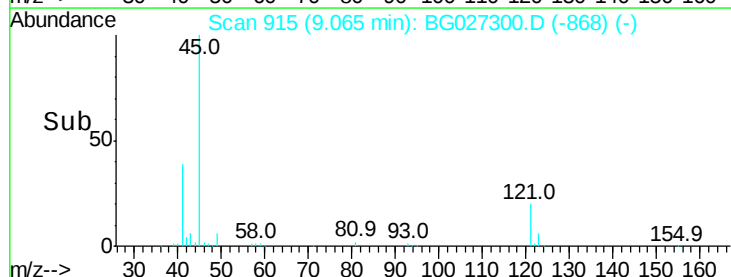
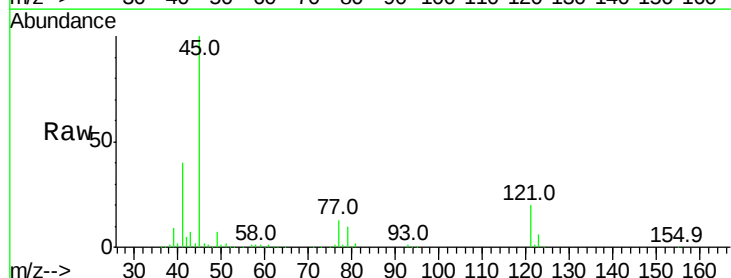
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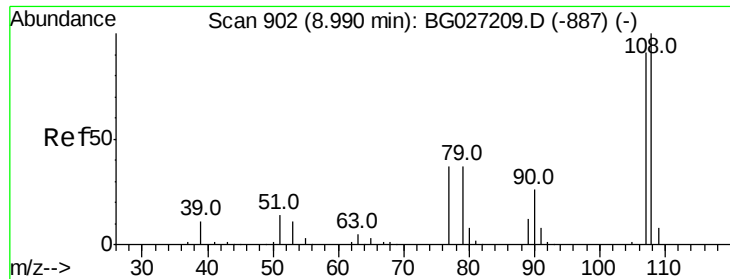
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 58.42 ng
RT: 9.07 min Scan# 915
Delta R.T. -0.02 min
Lab File: BG027300.D
Acq: 8 Jun 2017 1:50

Tgt Ion: 45 Resp: 340949
Ion Ratio Lower Upper
45 100
77 13.3 0.0 30.6
79 10.1 0.0 28.5





#17

2-Methylphenol

Concen: 61.10 ng

RT: 8.97 min Scan# 899

Delta R.T. -0.02 min

Lab File: BG027300.D

Acq: 8 Jun 2017 1:50

Instrument :

BNA_G

ClientSampleId :

SB-4(7-9)20170604MS

Tot Ion:107 Resp: 214743
Ion Ratio Lower Upper

107 100

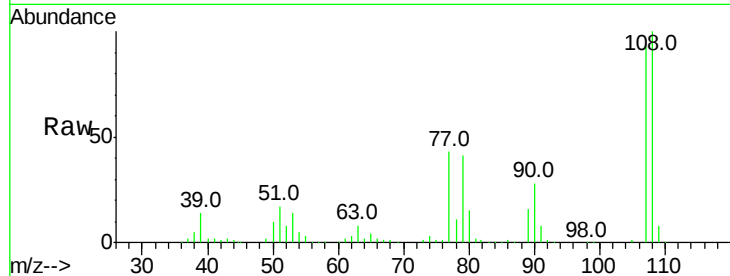
108 107.5 85.6 128.4

77 46.2 51.4 77.2#

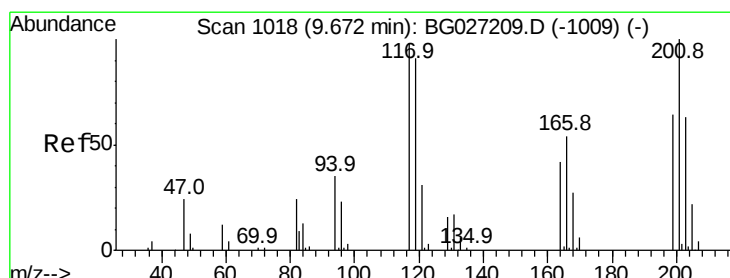
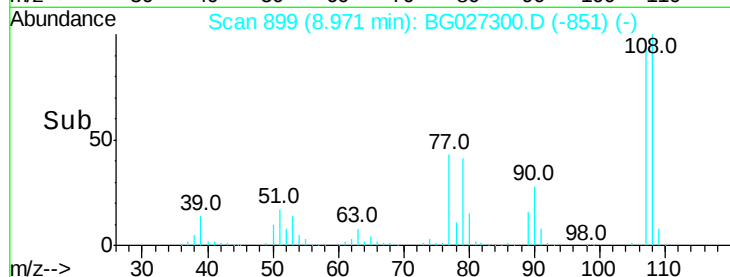
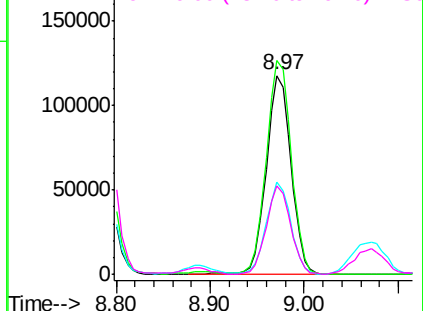
79 44.2 49.2 73.8#

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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: 53.57 ng

RT: 9.65 min Scan# 1015

Delta R.T. -0.02 min

Lab File: BG027300.D

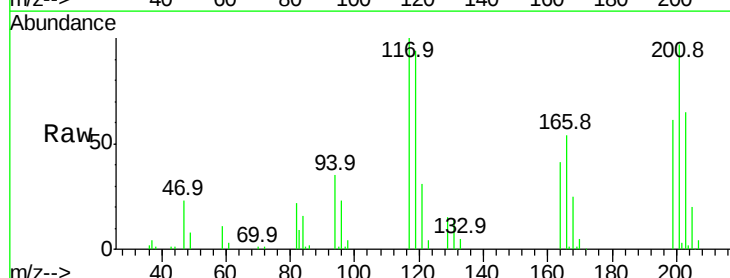
Acq: 8 Jun 2017 1:50

Tgt Ion:117 Resp: 73049
Ion Ratio Lower Upper

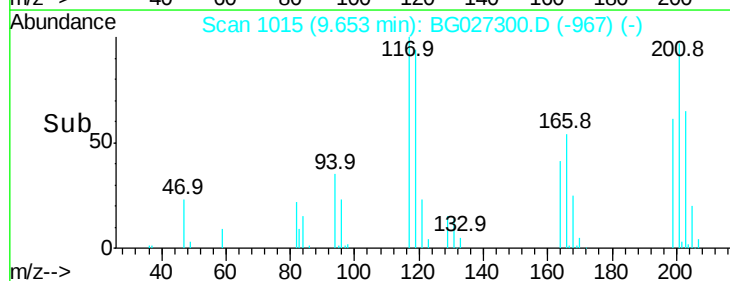
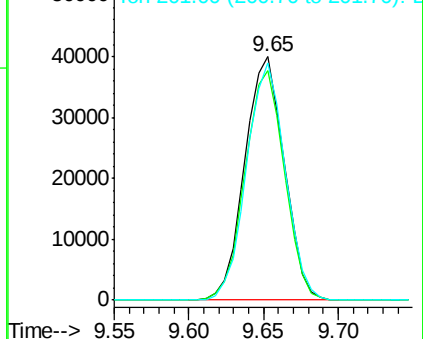
117 100

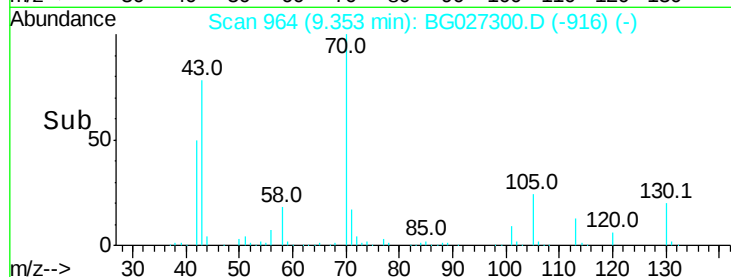
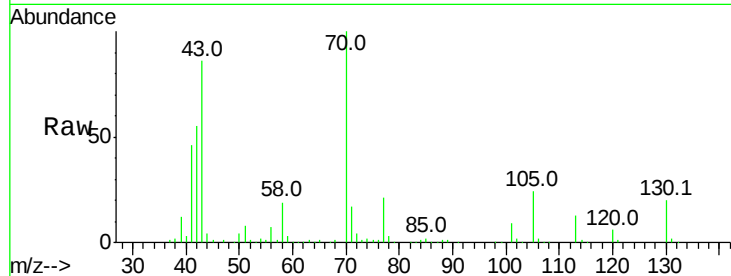
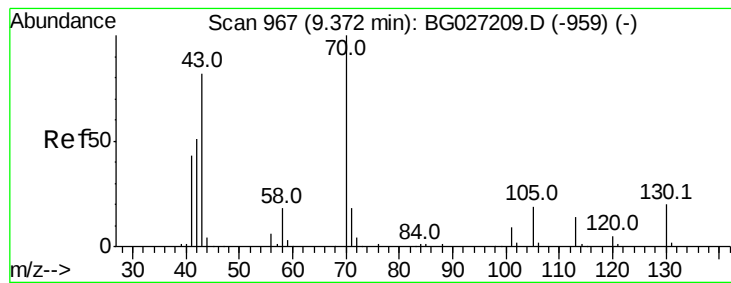
119 94.1 69.8 104.6

201 97.3 95.4 143.0



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 56.18 ng

RT: 9.35 min Scan# 964

Delta R.T. -0.02 min

Lab File: BG027300.D

Acq: 8 Jun 2017 1:50

Instrument :

BNA_G

ClientSampleId :

SB-4(7-9)20170604MS

Tot Ion: 70 Resp: 191082

Ion Ratio Lower Upper

70 100

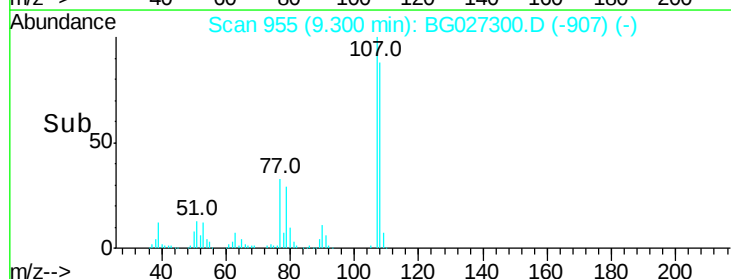
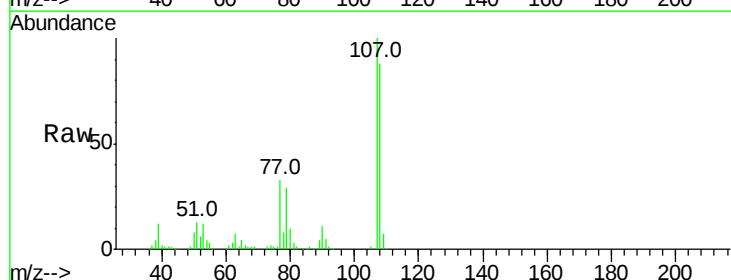
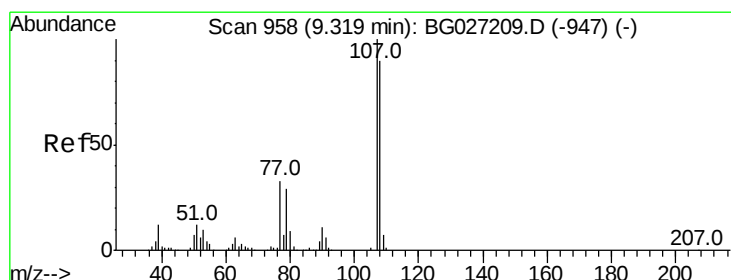
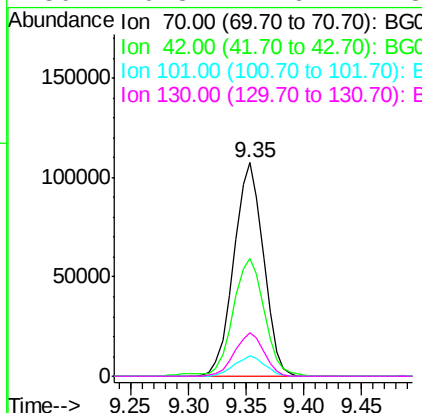
42 55.4 56.1 84.1#

101 9.3 7.5 11.3

130 20.3 14.6 21.8

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#20

3+4-Methylphenols

Concen: 60.41 ng

RT: 9.30 min Scan# 955

Delta R.T. -0.02 min

Lab File: BG027300.D

Acq: 8 Jun 2017 1:50

Tgt Ion: 107 Resp: 294096

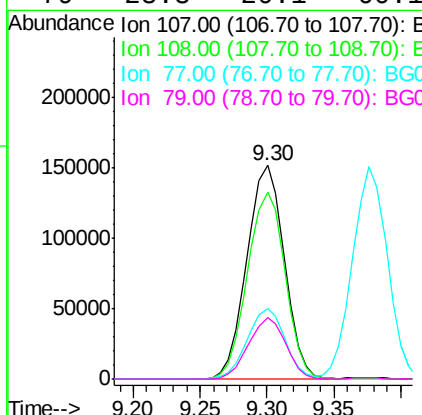
Ion Ratio Lower Upper

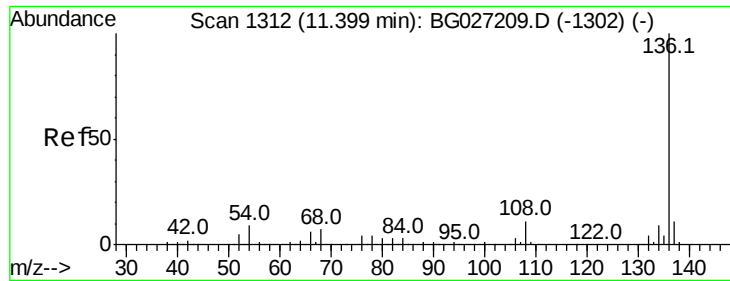
107 100

108 87.6 70.8 110.8

77 32.7 25.8 65.8

79 28.8 20.1 60.1





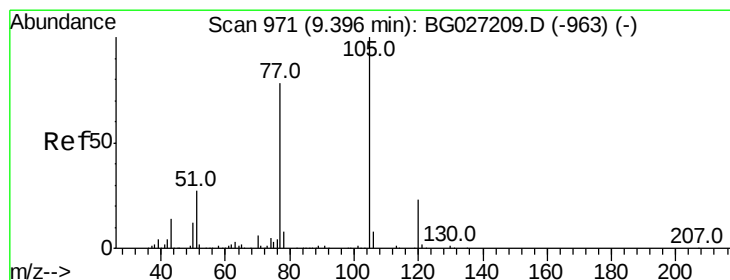
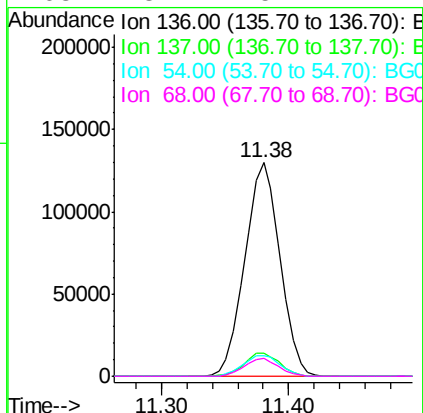
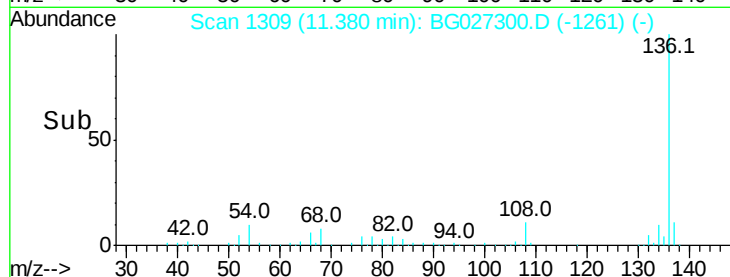
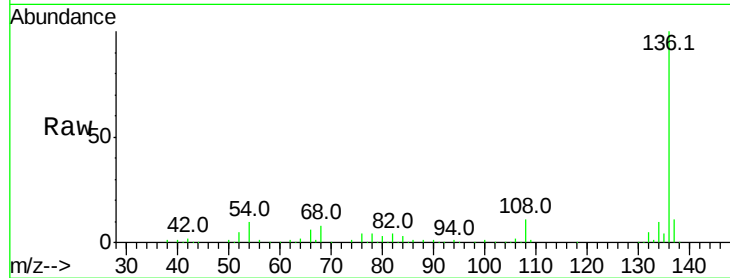
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.38 min Scan# 1309
Delta R.T. -0.02 min
Lab File: BG027300.D
Acq: 8 Jun 2017 1:50

Instrument :
BNA_G
ClientSampleId :
SB-4(7-9)20170604MS

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.1	8.9	13.3
54	9.8	9.3	13.9
68	8.4	5.1	7.7#

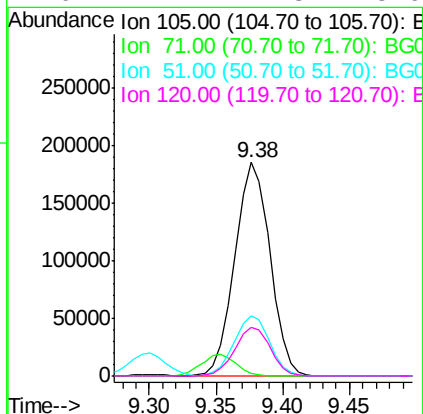
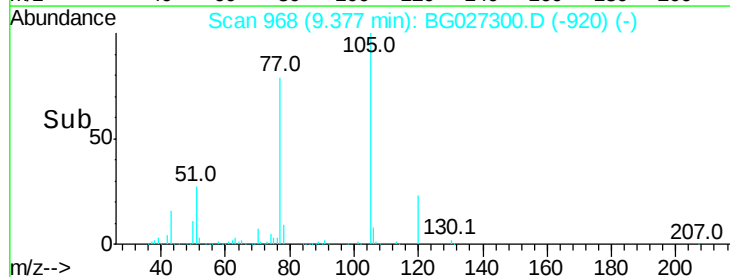
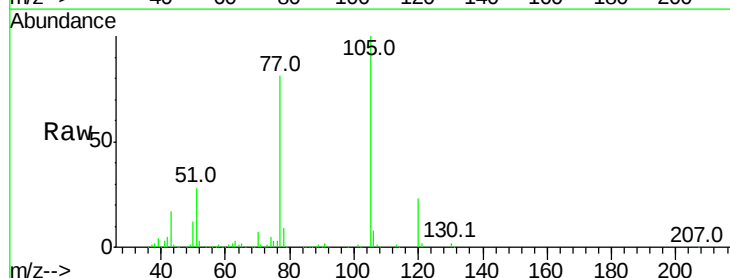
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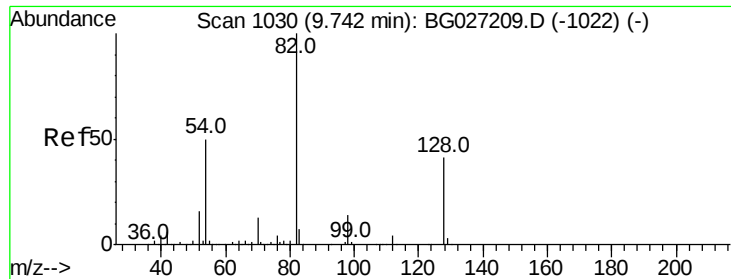
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#22
Acetophenone
Concen: 53.09 ng
RT: 9.38 min Scan# 968
Delta R.T. -0.02 min
Lab File: BG027300.D
Acq: 8 Jun 2017 1:50

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	1.2	0.9	1.3
51	27.9	34.0	51.0#
120	22.7	17.3	25.9





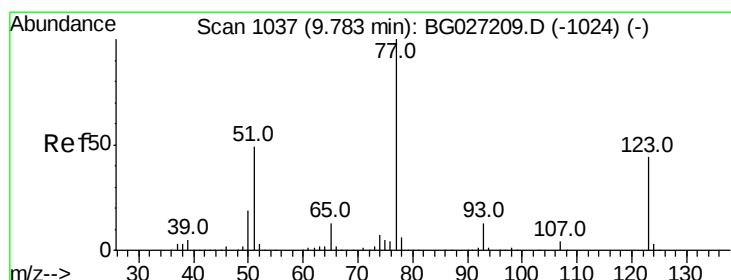
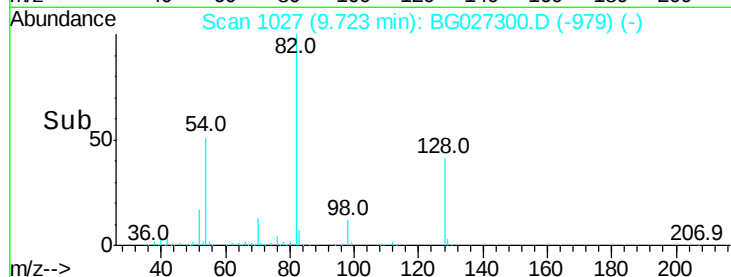
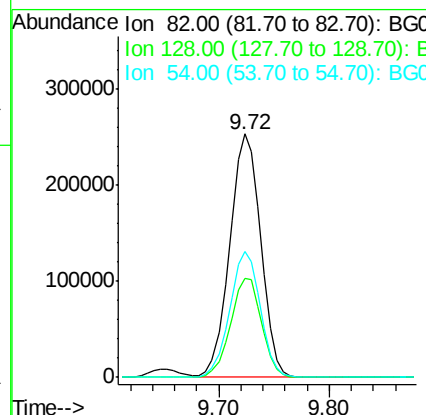
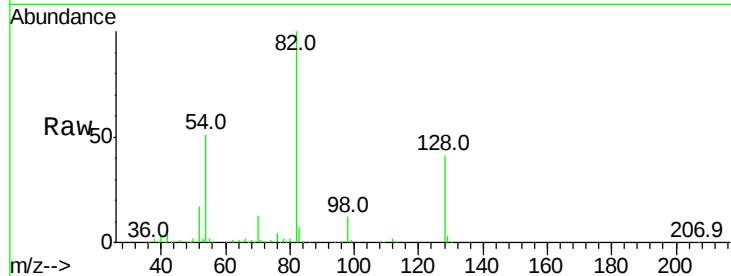
#23
 Nitrobenzene-d5
 Concen: 125.57 ng
 RT: 9.72 min Scan# 1027
 Delta R.T. -0.02 min
 Lab File: BG027300.D
 Acq: 8 Jun 2017 1:50

Instrument :
 BNA_G
 ClientSampleId :
 SB-4(7-9)20170604MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.8	26.4	39.6#
54	51.5	49.4	74.2

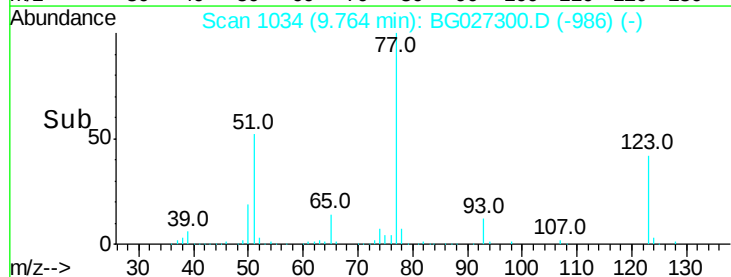
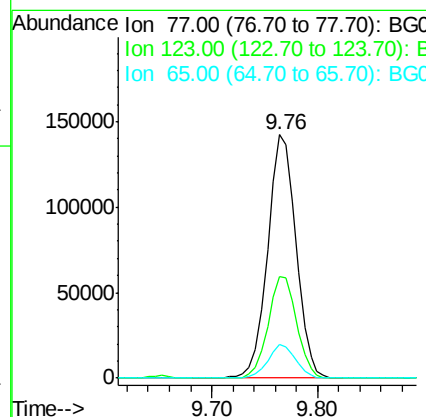
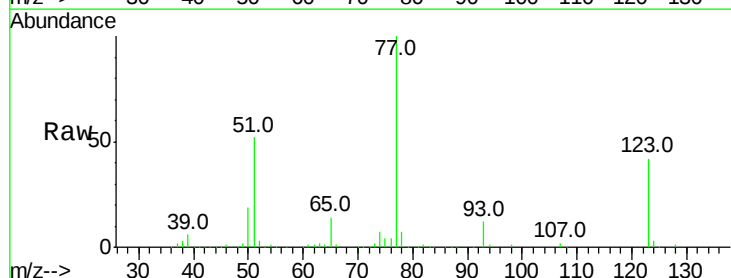
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#24
 Nitrobenzene
 Concen: 58.39 ng
 RT: 9.76 min Scan# 1034
 Delta R.T. -0.02 min
 Lab File: BG027300.D
 Acq: 8 Jun 2017 1:50

Tgt Ion	Ratio	Lower	Upper
77	100		
123	41.8	26.1	39.1#
65	13.8	12.4	18.6





#25

Isophorone

Concen: 56.07 ng

RT: 10.29 min Scan# 1123

Delta R.T. -0.02 min

Lab File: BG027300.D

Acq: 8 Jun 2017 1:50

Instrument :

BNA_G

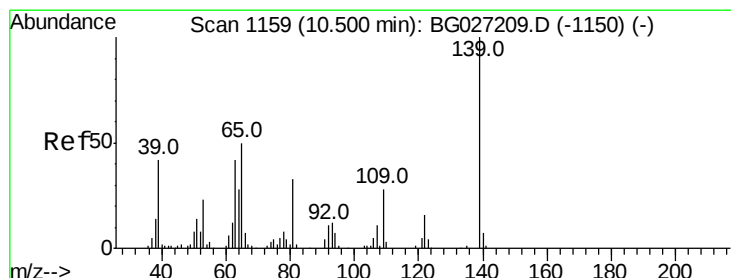
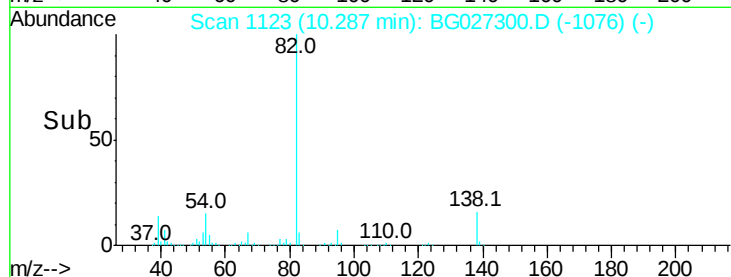
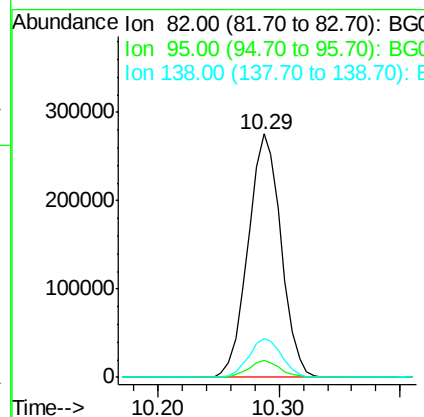
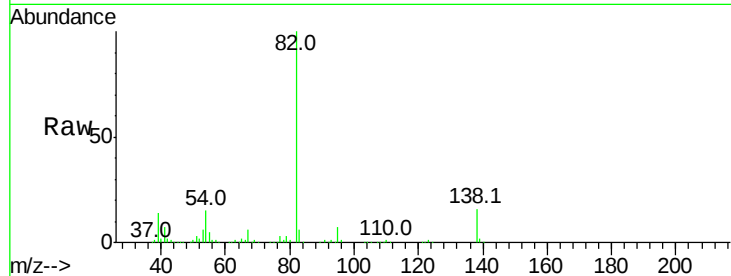
ClientSampleId :

SB-4(7-9)20170604MS

Tot Ion:	82	Resp:	523225
Ion Ratio	Lower	Upper	
82	100		
95	6.9	7.5	11.3#
138	15.8	12.3	18.5

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#26

2-Nitrophenol

Concen: 59.30 ng

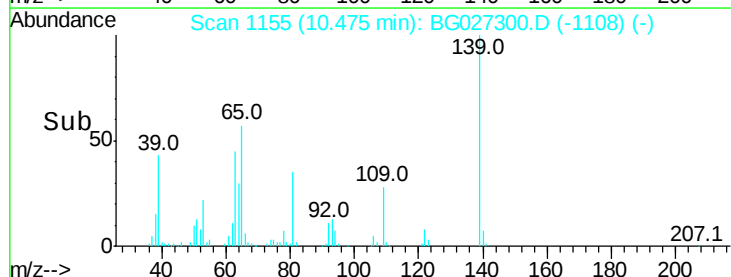
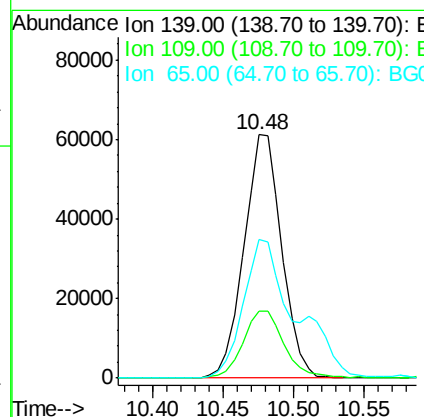
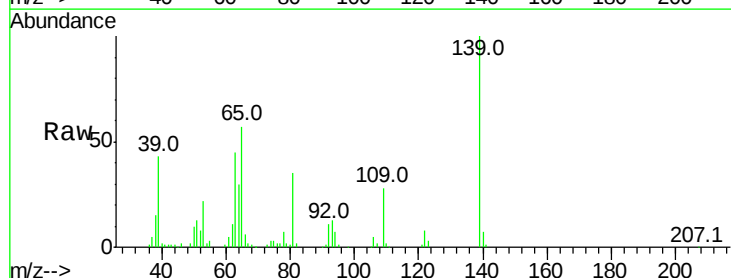
RT: 10.48 min Scan# 1155

Delta R.T. -0.02 min

Lab File: BG027300.D

Acq: 8 Jun 2017 1:50

Tgt Ion:	139	Resp:	114224
Ion Ratio	Lower	Upper	
139	100		
109	27.7	38.6	58.0#
65	57.2	57.1	85.7





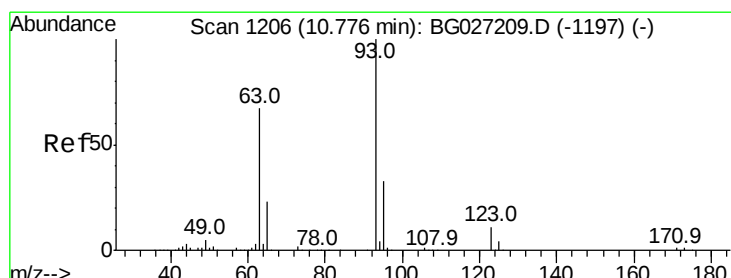
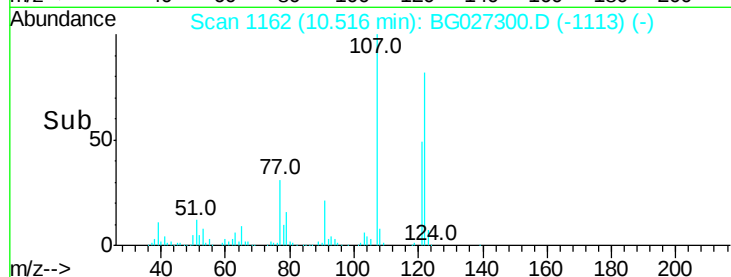
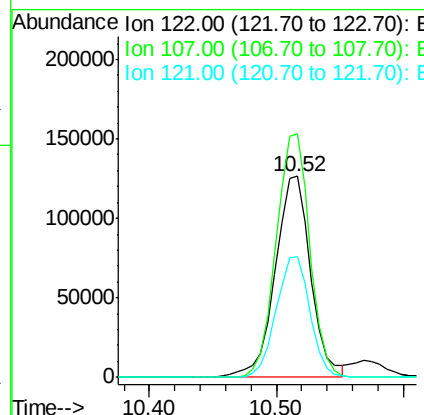
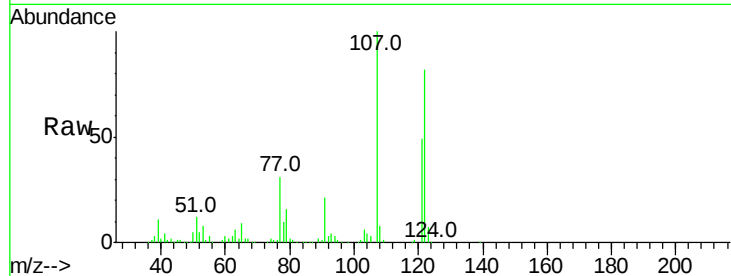
#27
2,4-Dimethylphenol
Concen: 61.29 ng
RT: 10.52 min Scan# 1162
Delta R.T. -0.01 min
Lab File: BG027300.D
Acq: 8 Jun 2017 1:50

Instrument :
BNA_G
ClientSampleId :
SB-4(7-9)20170604MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	121.2	104.2	156.4
121	59.9	46.0	69.0

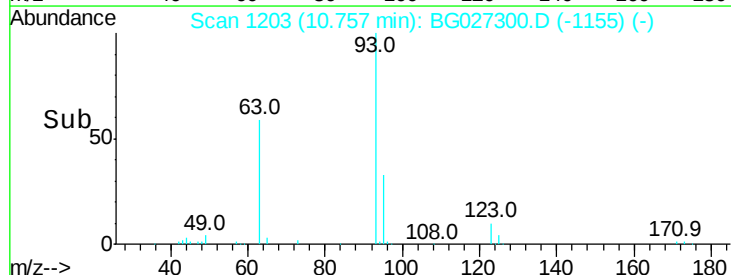
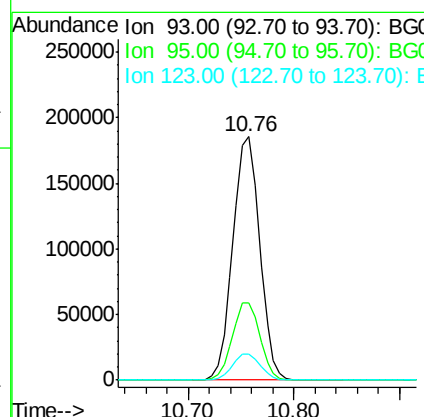
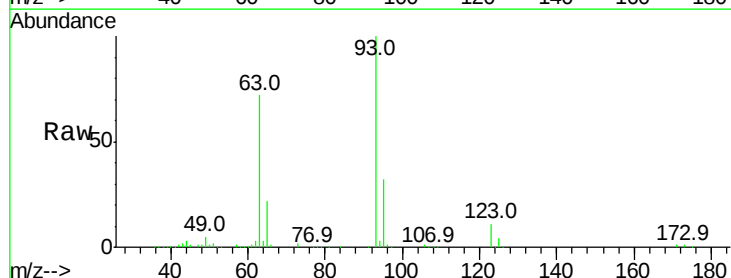
Manual Integrations
APPROVED

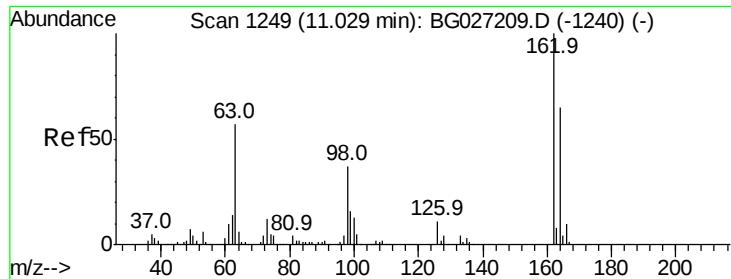
mohammad
6/8/2017 2:23:02 PM



#28
bis(2-Chloroethoxy)methane
Concen: 53.95 ng
RT: 10.76 min Scan# 1203
Delta R.T. -0.02 min
Lab File: BG027300.D
Acq: 8 Jun 2017 1:50

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.8	25.7	38.5
123	10.9	8.3	12.5





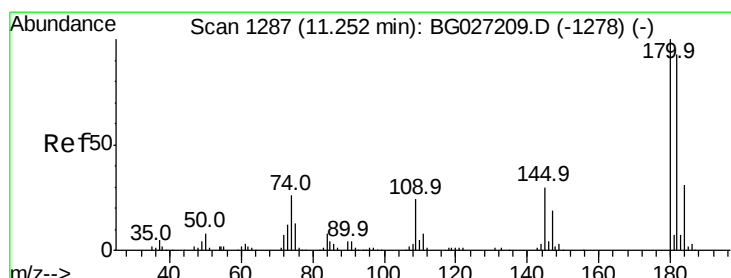
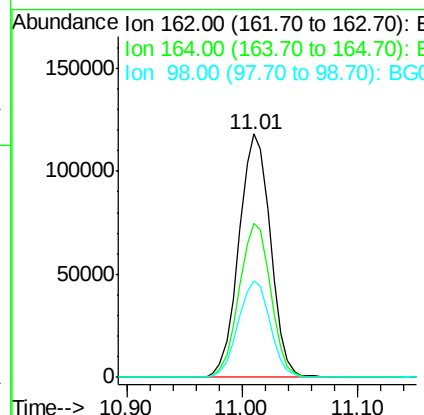
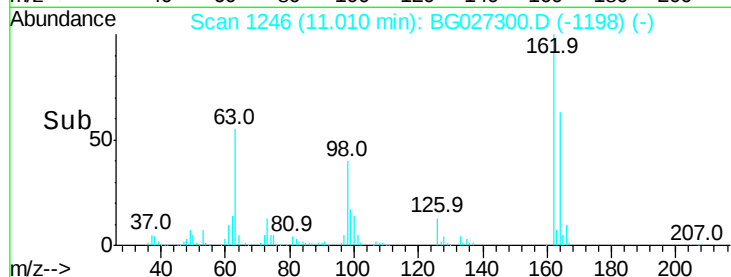
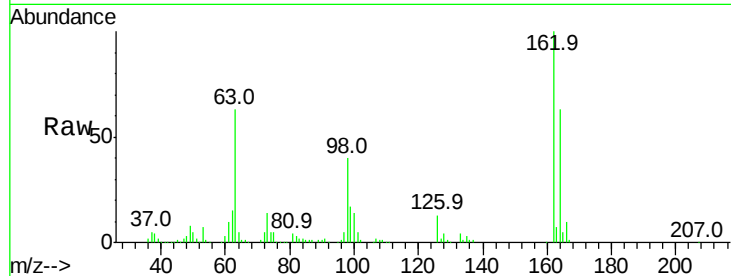
#29
2,4-Dichlorophenol
Concen: 60.95 ng
RT: 11.01 min Scan# 1246
Delta R.T. -0.02 min
Lab File: BG027300.D
Acq: 8 Jun 2017 1:50

Instrument :
BNA_G
ClientSampleId :
SB-4(7-9)20170604MS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	63.5	42.4	82.4
98	39.6	20.3	60.3

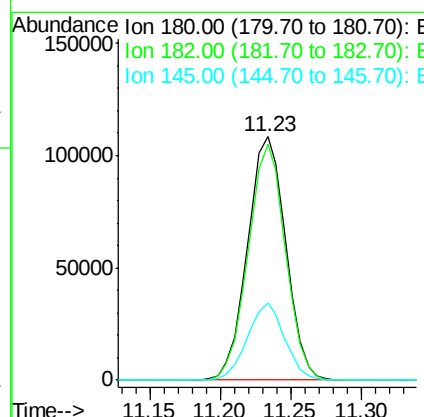
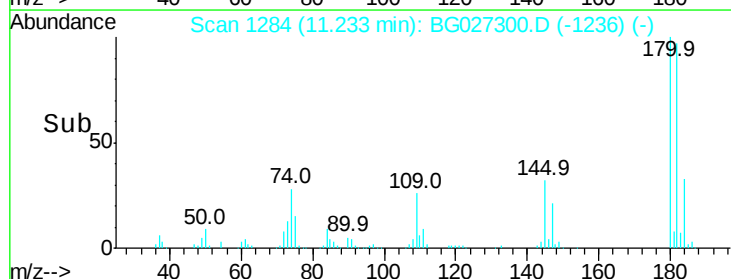
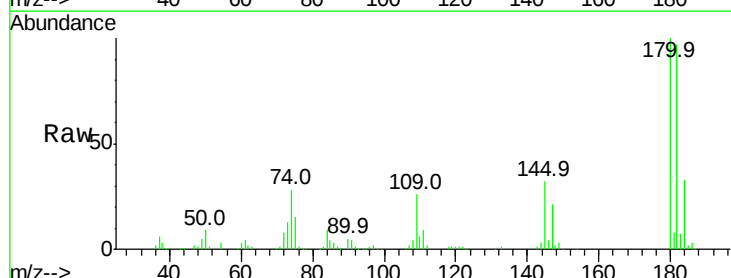
Manual Integrations
APPROVED

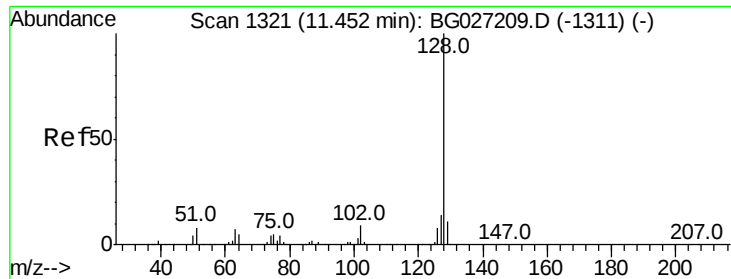
mohammad
6/8/2017 2:23:02 PM



#30
1,2,4-Trichlorobenzene
Concen: 50.82 ng
RT: 11.23 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BG027300.D
Acq: 8 Jun 2017 1:50

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	96.9	77.0	115.4
145	31.9	23.4	35.0





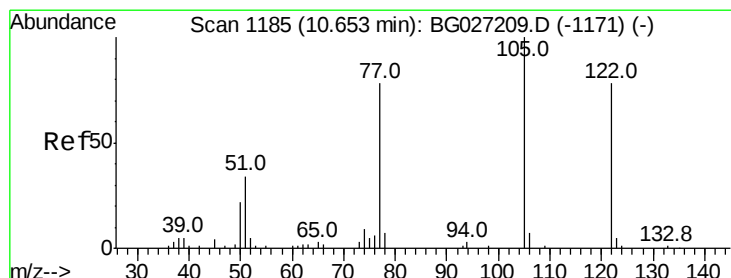
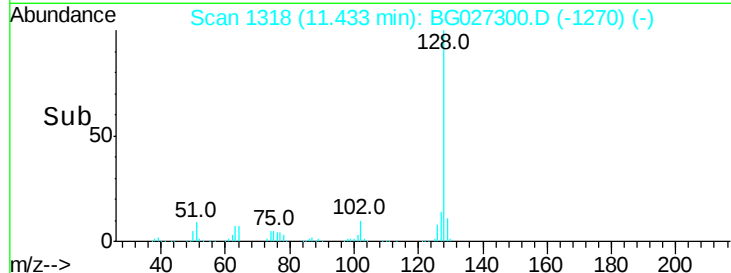
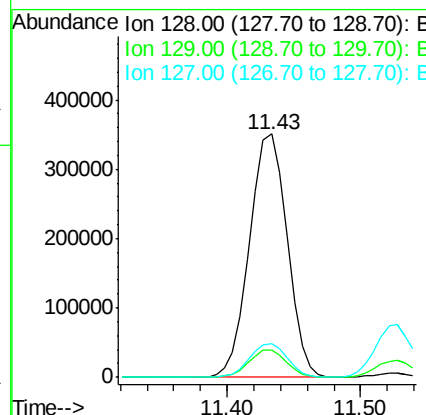
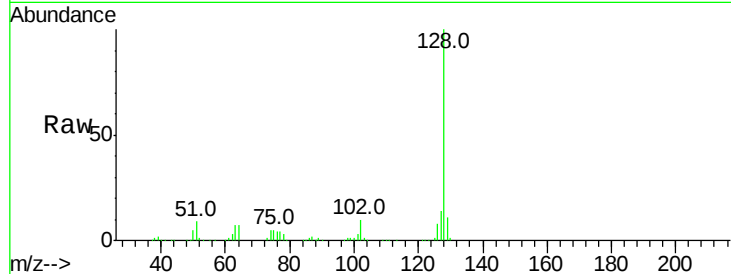
#31
Naphthalene
Concen: 50.34 ng
RT: 11.43 min Scan# 1318
Delta R.T. -0.02 min
Lab File: BG027300.D
Acq: 8 Jun 2017 1:50

Instrument :
BNA_G
ClientSampleId :
SB-4(7-9)20170604MS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	686591		
129	11.2	9.3	13.9	
127	14.1	11.4	17.0	

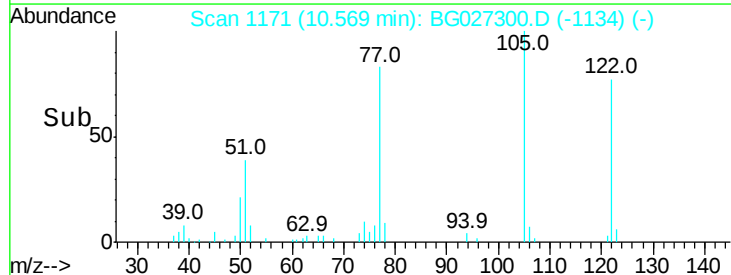
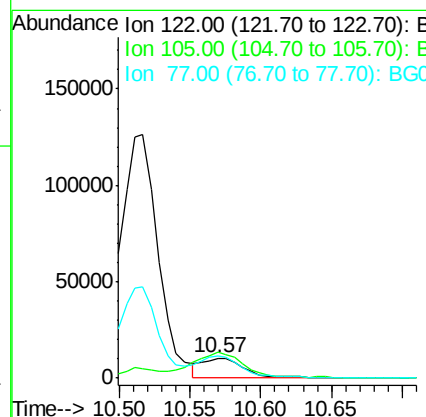
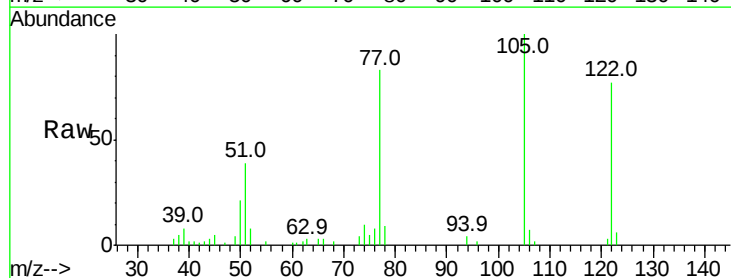
Manual Integrations
APPROVED

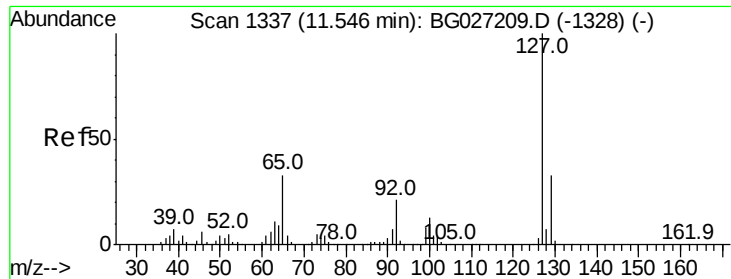
mohammad
6/8/2017 2:23:02 PM



#32
Benzoic acid
Concen: 14.24 ng
RT: 10.57 min Scan# 1171
Delta R.T. -0.08 min
Lab File: BG027300.D
Acq: 8 Jun 2017 1:50

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	20708		
105	129.9	120.1	160.1	
77	108.2	104.6	144.6	





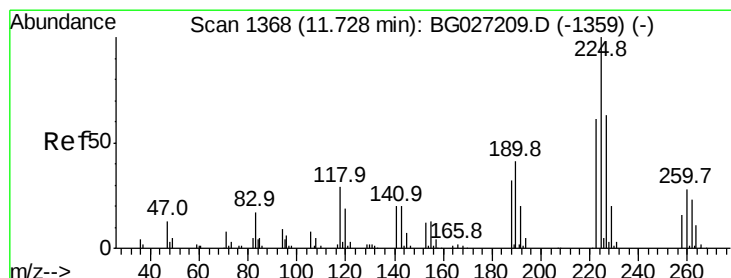
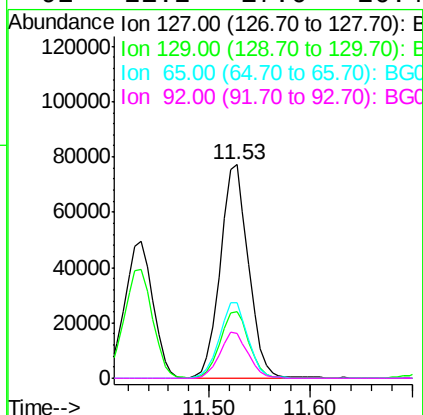
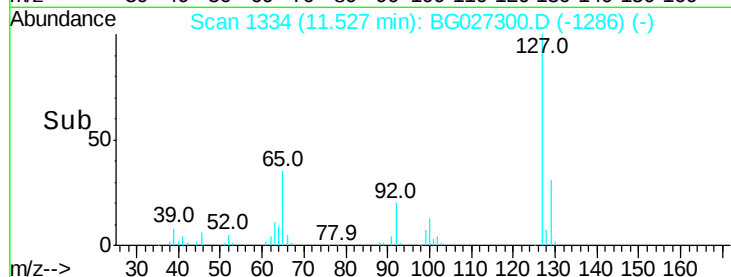
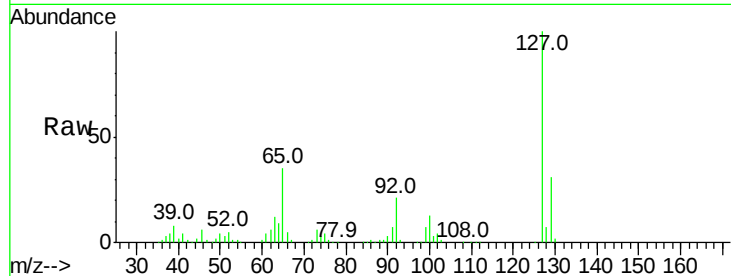
#33
4-Chloroaniline
Concen: 26.19 ng
RT: 11.53 min Scan# 1334
Delta R.T. -0.02 min
Lab File: BG027300.D
Acq: 8 Jun 2017 1:50

Instrument :
BNA_G
ClientSampleId :
SB-4(7-9)20170604MS

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.0	23.6	35.4
65	35.2	37.7	56.5
92	21.2	17.6	26.4

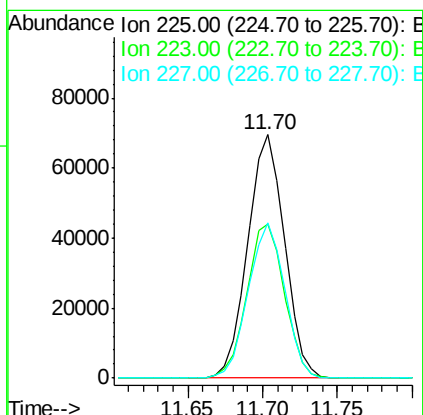
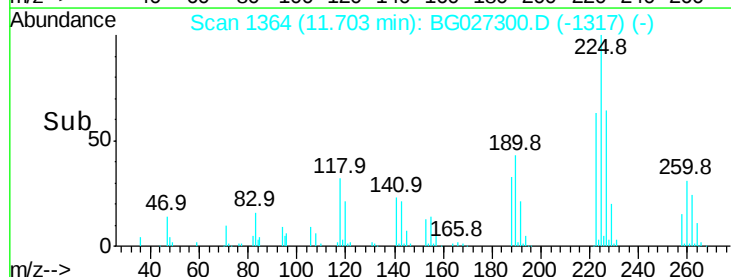
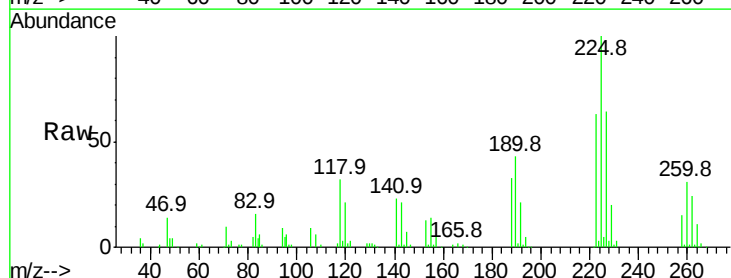
Manual Integrations
APPROVED

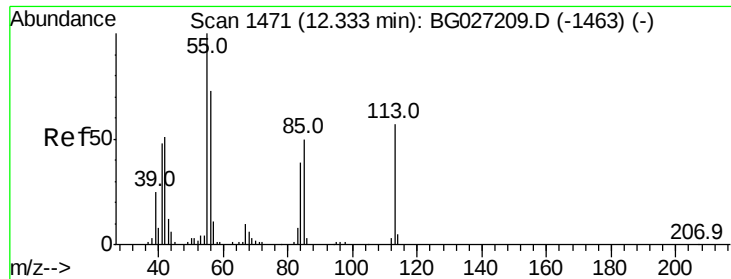
mohammad
6/8/2017 2:23:02 PM



#34
Hexachlorobutadiene
Concen: 47.48 ng
RT: 11.70 min Scan# 1364
Delta R.T. -0.02 min
Lab File: BG027300.D
Acq: 8 Jun 2017 1:50

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	50.7	76.1
227	63.7	49.0	73.6





#35

Caprolactam

Concen: 62.28 ng/ml

RT: 12.30 min Scan# 1466

Delta R.T. -0.03 min

Lab File: BG027300.D

Acq: 8 Jun 2017 1:50

Instrument :

BNA_G

ClientSampleId :

SB-4(7-9)20170604MS

Tot Ion:113 Resp: 78226

Ion Ratio Lower Upper

113 100

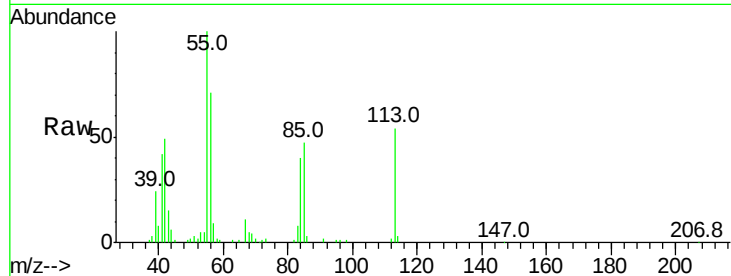
55 185.2 198.6 238.6#

56 132.2 140.4 180.4#

Manual Integrations
APPROVED

mohammad

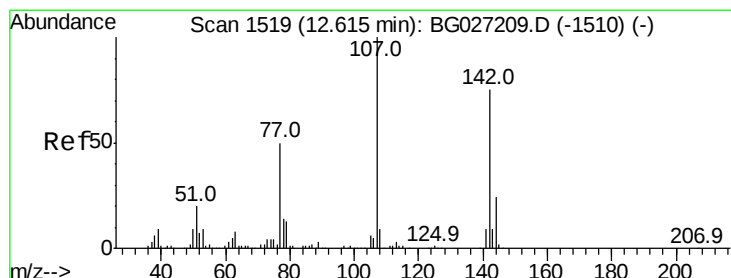
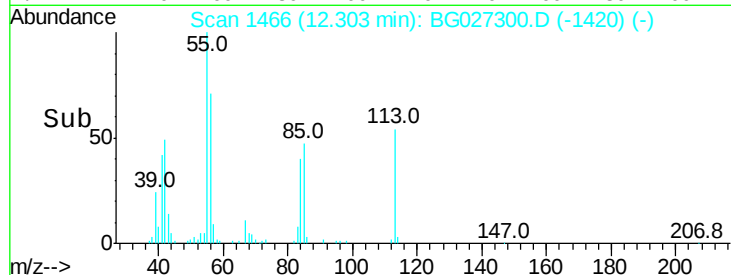
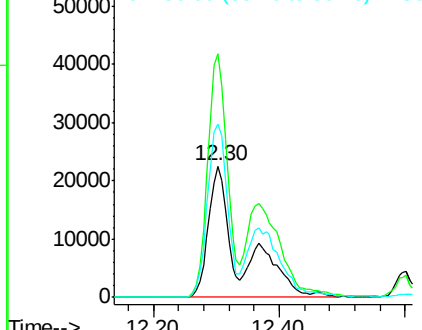
6/8/2017 2:23:02 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 60.23 ng/ml

RT: 12.60 min Scan# 1516

Delta R.T. -0.02 min

Lab File: BG027300.D

Acq: 8 Jun 2017 1:50

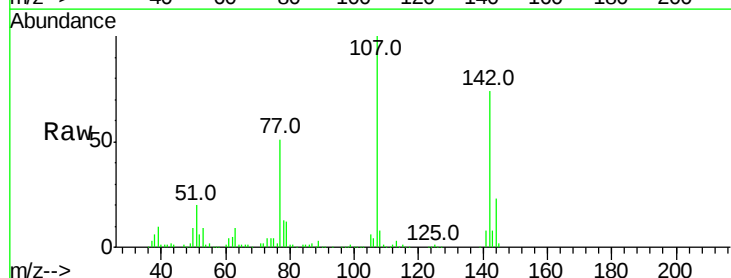
Tgt Ion:107 Resp: 276500

Ion Ratio Lower Upper

107 100

144 23.3 17.4 26.0

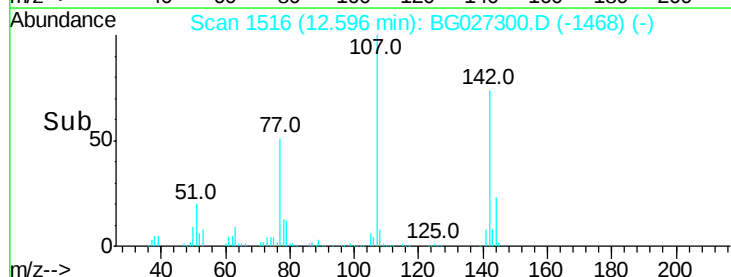
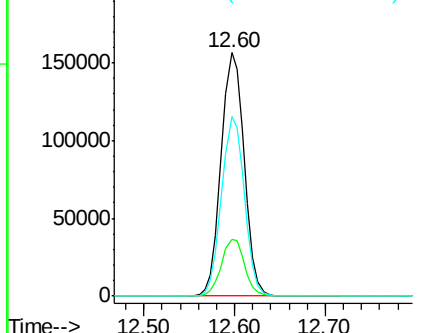
142 73.6 54.1 81.1

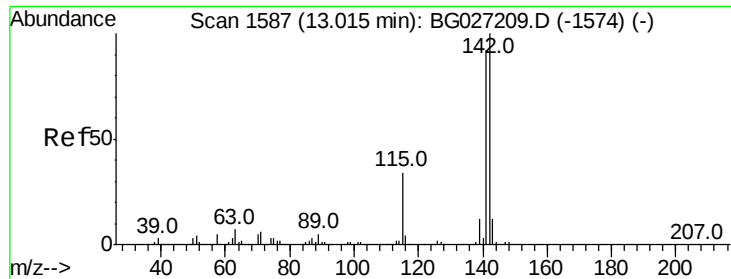


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





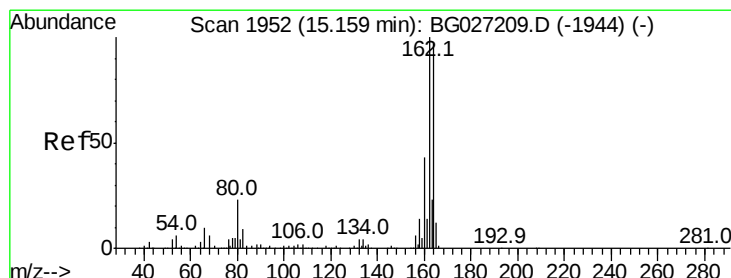
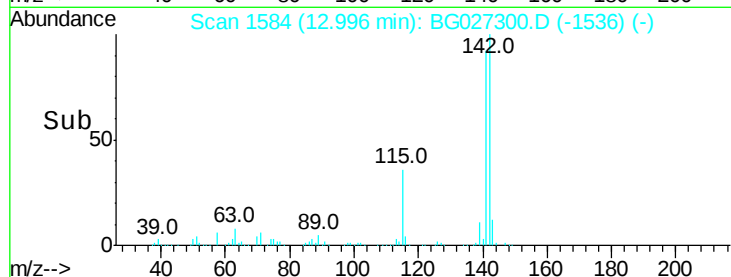
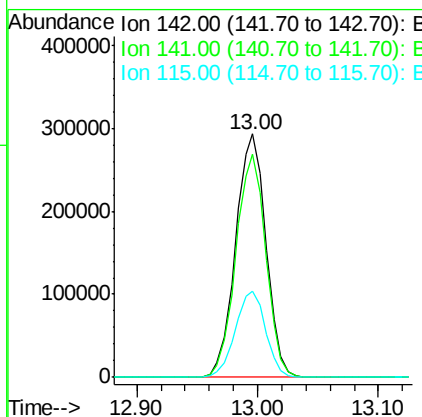
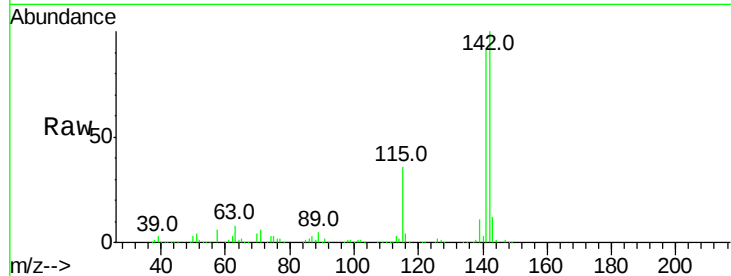
#37
2-Methylnaphthalene
Concen: 51.42 ng
RT: 13.00 min Scan# 1584
Delta R.T. -0.02 min
Lab File: BG027300.D
Acq: 8 Jun 2017 1:50

Instrument :
BNA_G
ClientSampleId :
SB-4(7-9)20170604MS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	511615		
141	91.7	70.4	105.6	
115	35.6	35.5	53.3	

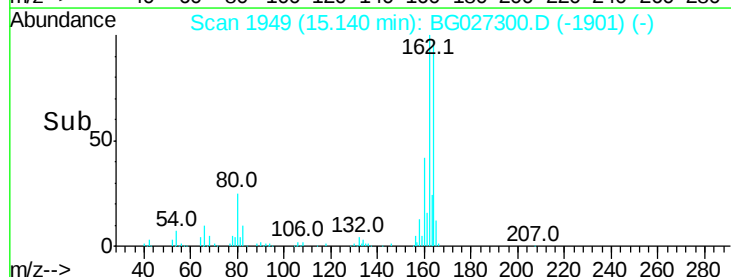
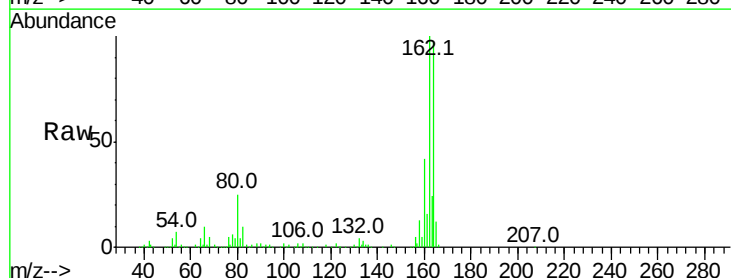
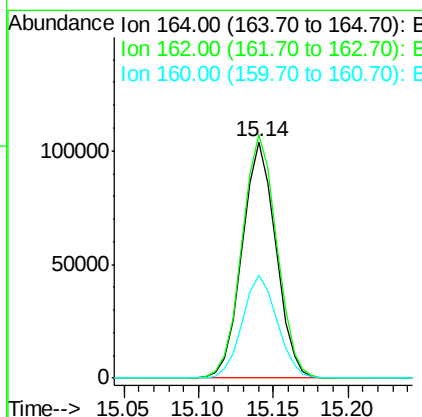
Manual Integrations
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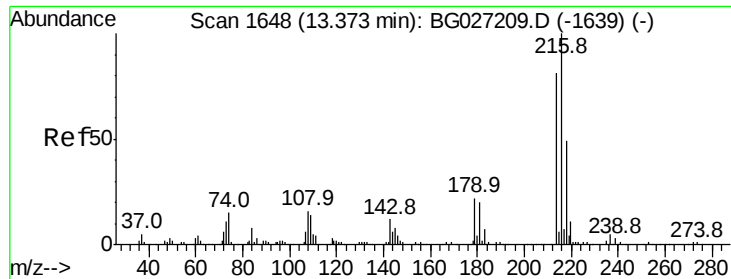
mohammad
6/8/2017 2:23:02 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.14 min Scan# 1949
Delta R.T. -0.02 min
Lab File: BG027300.D
Acq: 8 Jun 2017 1:50

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	162357		
162	103.0	85.1	127.7	
160	43.7	34.7	52.1	





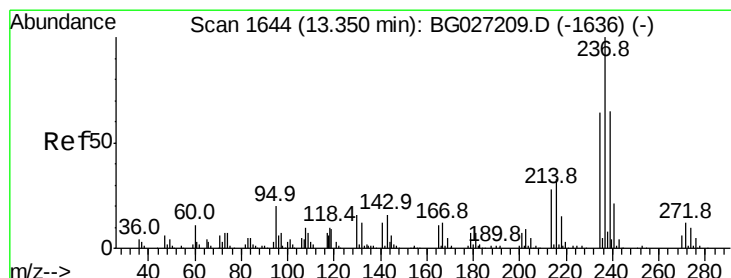
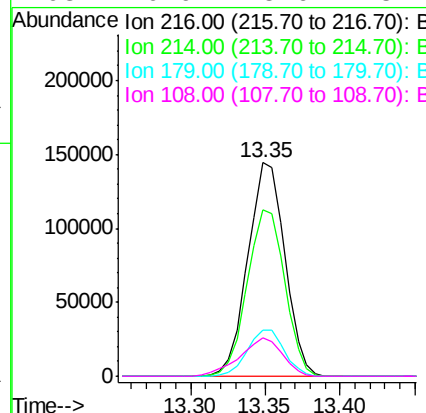
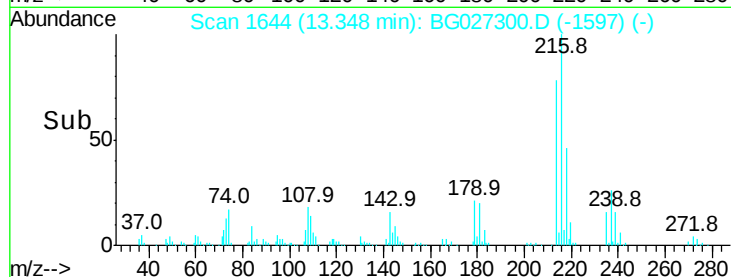
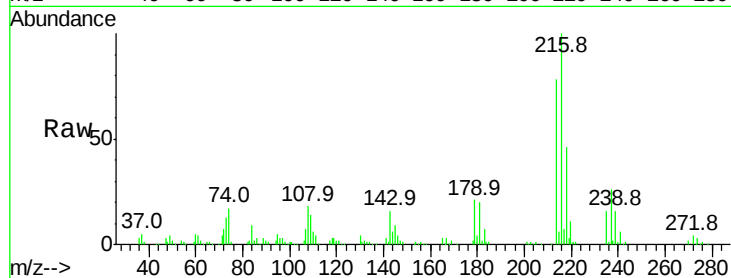
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 48.84 ng
 RT: 13.35 min Scan# 1644
 Delta R.T. -0.02 min
 Lab File: BG027300.D
 Acq: 8 Jun 2017 1:50

Instrument :
 BNA_G
 ClientSampleId :
 SB-4(7-9)20170604MS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	247041		
214	79.0	64.4	96.6	
179	21.7	17.4	26.0	
108	20.9	15.6	23.4	

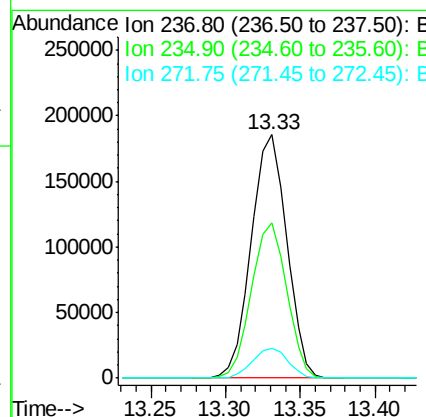
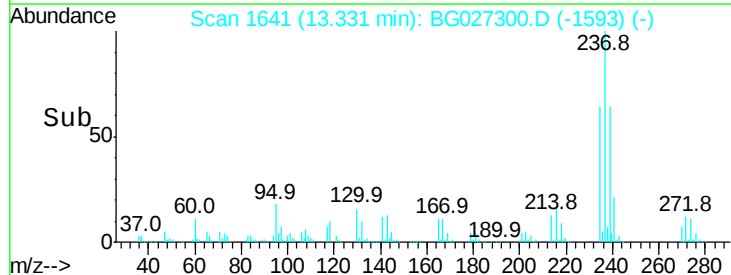
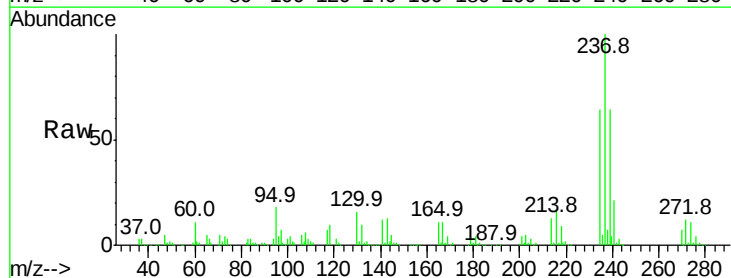
Manual Integrations
 APPROVED

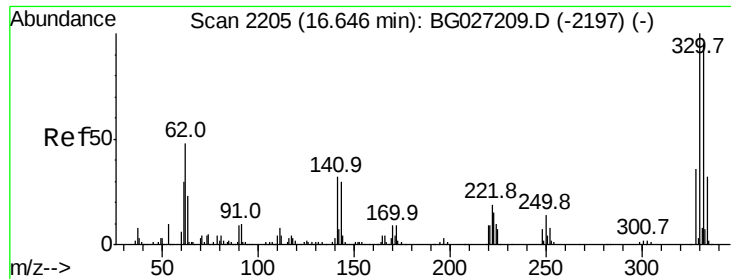
mohammad
 6/8/2017 2:23:02 PM



#40
 Hexachlorocyclopentadiene
 Concen: 113.48 ng
 RT: 13.33 min Scan# 1641
 Delta R.T. -0.02 min
 Lab File: BG027300.D
 Acq: 8 Jun 2017 1:50

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	305488		
235	64.0	39.4	79.4	
272	12.2	0.0	32.0	





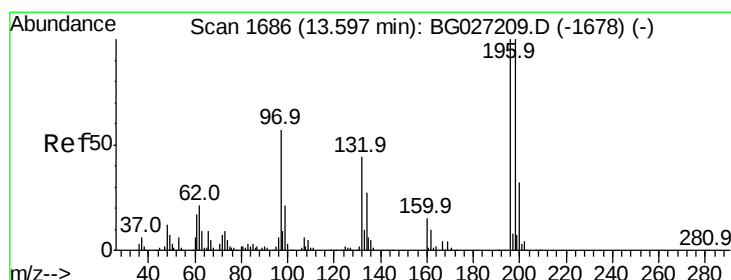
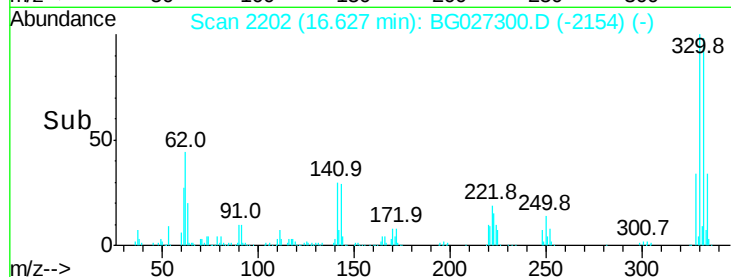
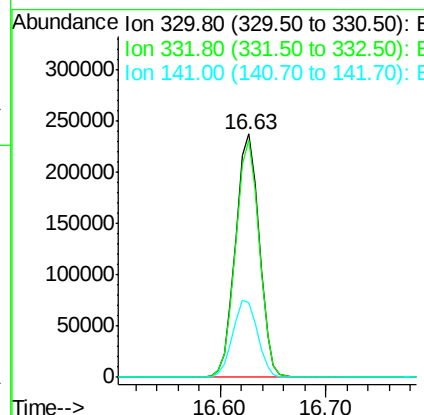
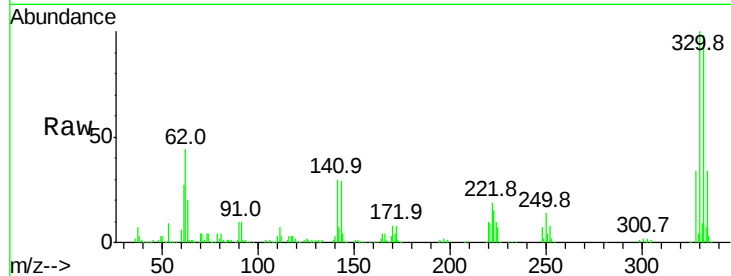
#41
 2,4,6-Tribromophenol
 Concen: 171.40 ng
 RT: 16.63 min Scan# 2202
 Delta R.T. -0.02 min
 Lab File: BG027300.D
 Acq: 8 Jun 2017 1:50

Instrument :
 BNA_G
 ClientSampleId :
 SB-4(7-9)20170604MS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	366438		
332	97.0	77.3	115.9	
141	33.1	32.1	48.1	

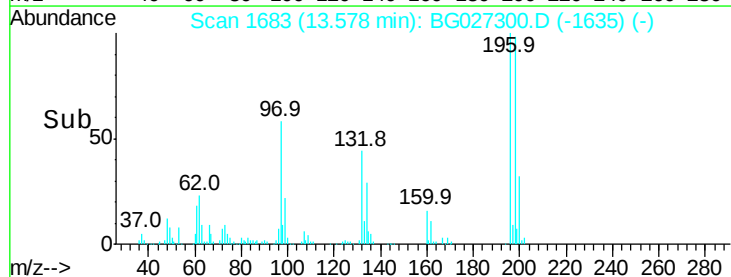
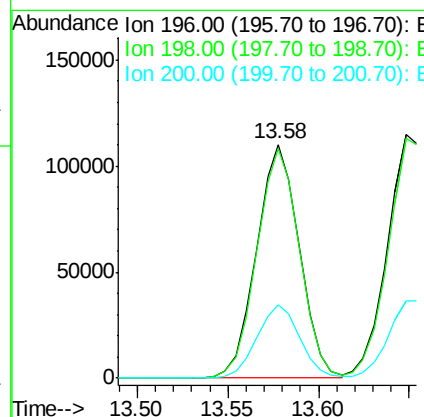
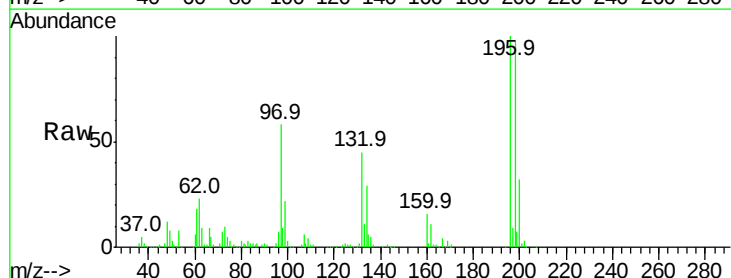
Manual Integrations
 APPROVED

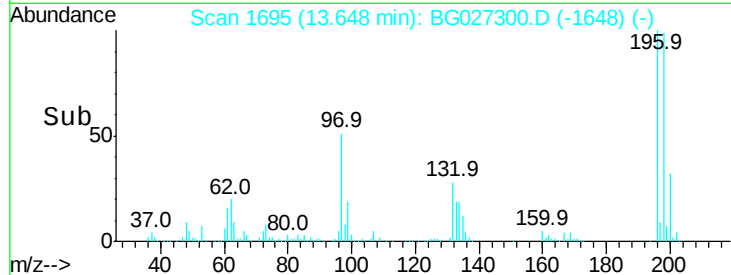
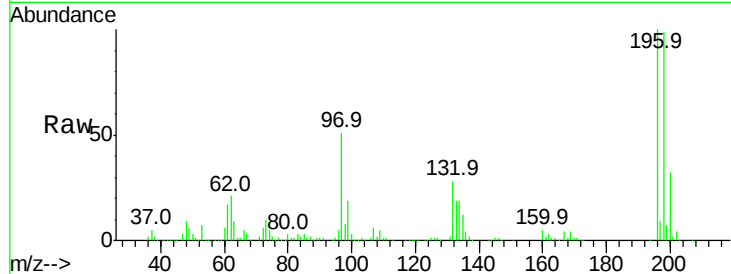
mohammad
 6/8/2017 2:23:02 PM



#42
 2,4,6-Trichlorophenol
 Concen: 58.78 ng
 RT: 13.58 min Scan# 1683
 Delta R.T. -0.02 min
 Lab File: BG027300.D
 Acq: 8 Jun 2017 1:50

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	180313		
198	98.3	81.4	122.2	
200	31.5	27.0	40.6	





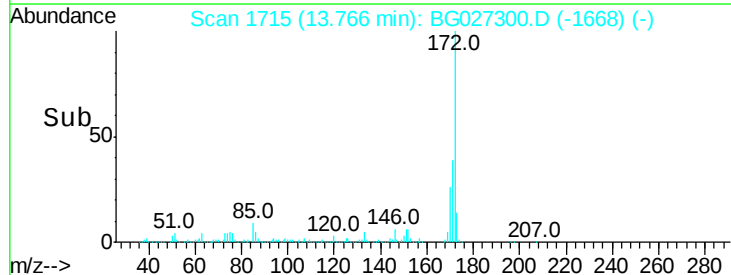
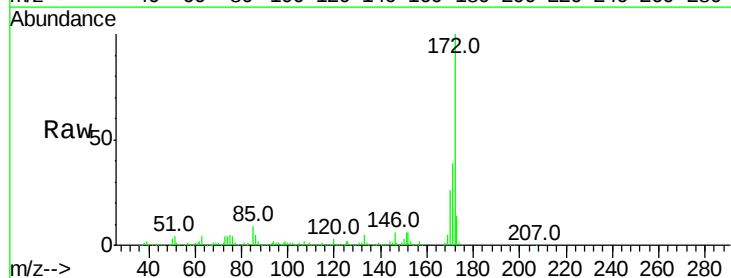
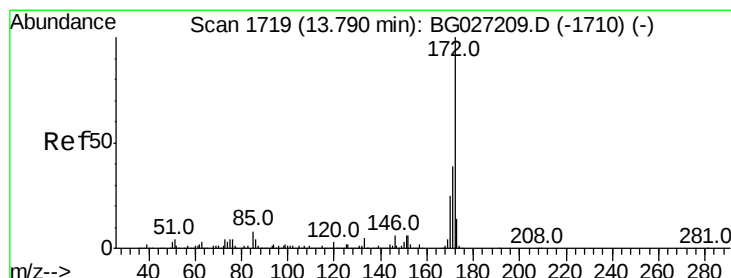
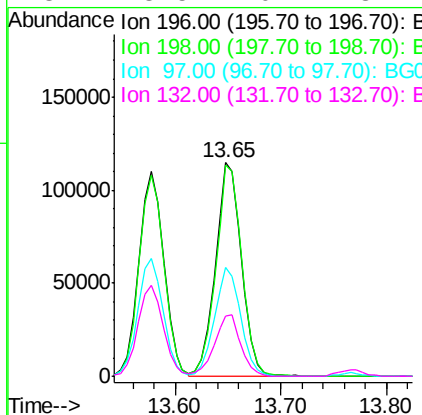
#43
2,4,5-Trichlorophenol
Concen: 57.34 ng
RT: 13.65 min Scan# 1695
Delta R.T. -0.02 min
Lab File: BG027300.D
Acq: 8 Jun 2017 1:50

Tot Ion	196	Resp	196845
Ion Ratio	Lower	Upper	
196	100		
198	98.6	79.9	119.9
97	50.9	45.4	68.0
132	28.5	20.7	31.1

Instrument :
BNA_G
ClientSampleId :
SB-4(7-9)20170604MS

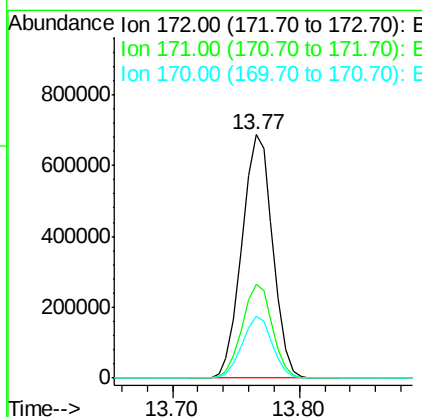
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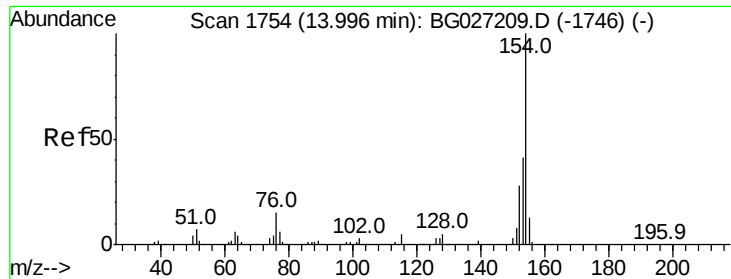
mohammad
6/8/2017 2:23:02 PM



#44
2-Fluorobiphenyl
Concen: 99.44 ng
RT: 13.77 min Scan# 1715
Delta R.T. -0.02 min
Lab File: BG027300.D
Acq: 8 Jun 2017 1:50

Tgt Ion	172	Resp	1154090
Ion Ratio	Lower	Upper	
172	100		
171	38.6	32.2	48.2
170	25.6	21.8	32.6





#45

1,1'-Biphenyl

Concen: 50.89 ng

RT: 13.98 min Scan# 1751

Delta R.T. -0.02 min

Lab File: BG027300.D

Acq: 8 Jun 2017 1:50

Instrument :

BNA_G

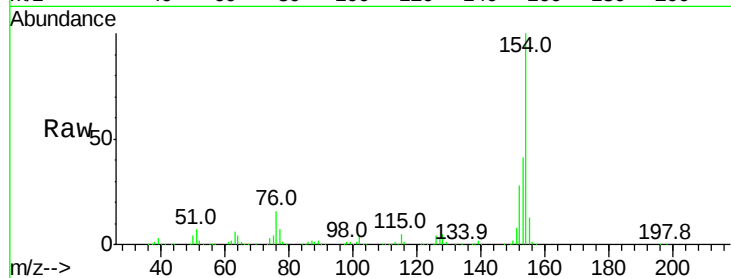
ClientSampleId :

SB-4(7-9)20170604MS

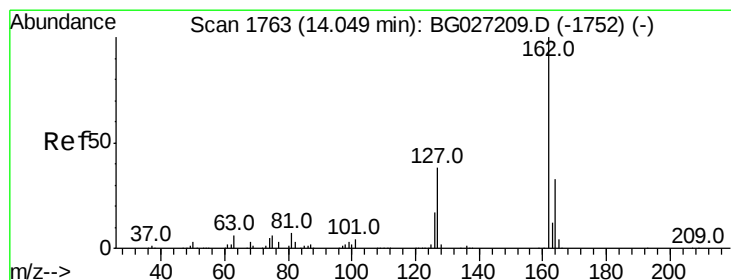
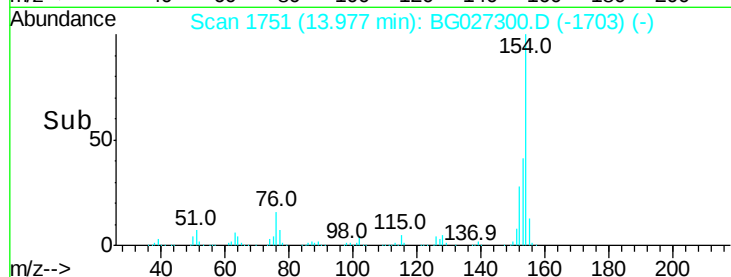
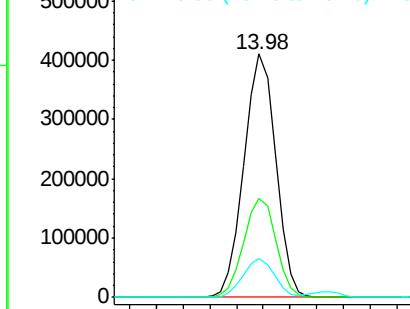
Tot Ion:	154	Resp:	674415
Ion Ratio	Lower	Upper	
154	100		
153	40.7	23.0	63.0
76	16.0	0.0	33.5

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): B



#46

2-Chloronaphthalene

Concen: 52.11 ng

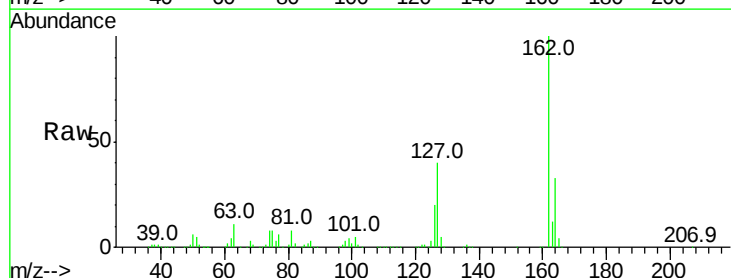
RT: 14.03 min Scan# 1760

Delta R.T. -0.02 min

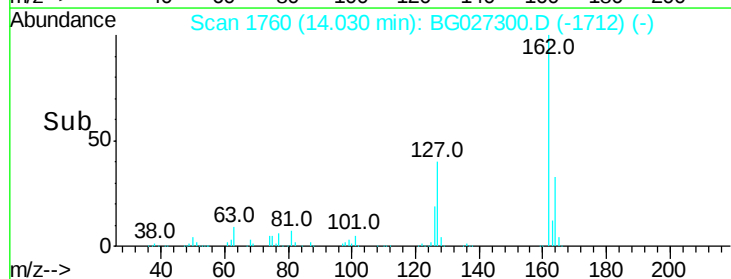
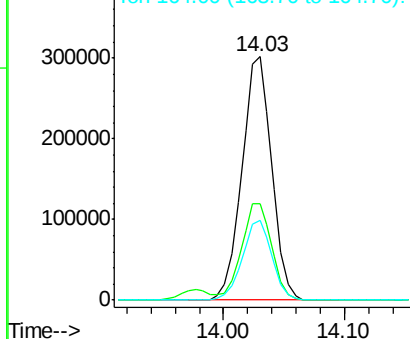
Lab File: BG027300.D

Acq: 8 Jun 2017 1:50

Tgt Ion:	162	Resp:	517735
Ion Ratio	Lower	Upper	
162	100		
127	39.8	32.2	48.4
164	32.9	27.3	40.9



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 61.72 ng

RT: 14.22 min Scan# 1792

Delta R.T. -0.02 min

Lab File: BG027300.D

Acq: 8 Jun 2017 1:50

Instrument :

BNA_G

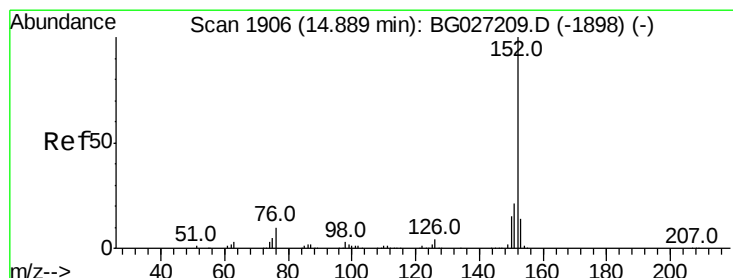
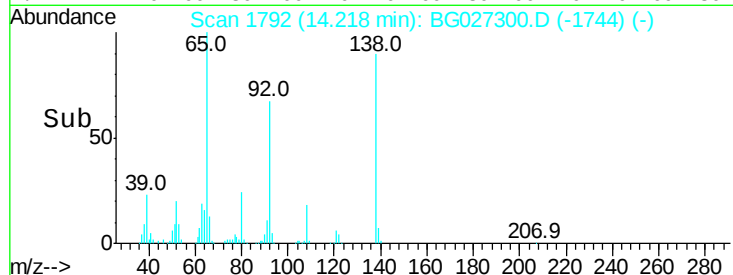
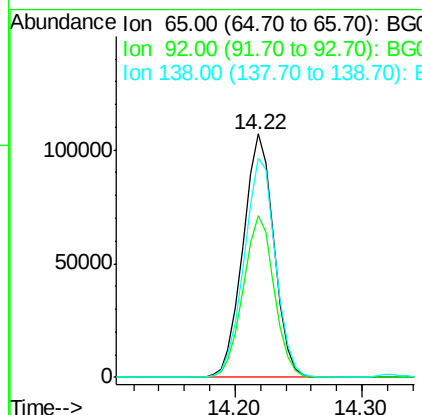
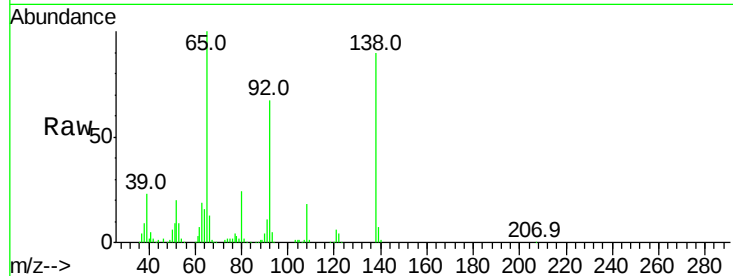
ClientSampleId :

SB-4(7-9)20170604MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	66.6	49.0	73.4
138	90.2	58.6	87.8

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#48

Acenaphthylene

Concen: 49.52 ng

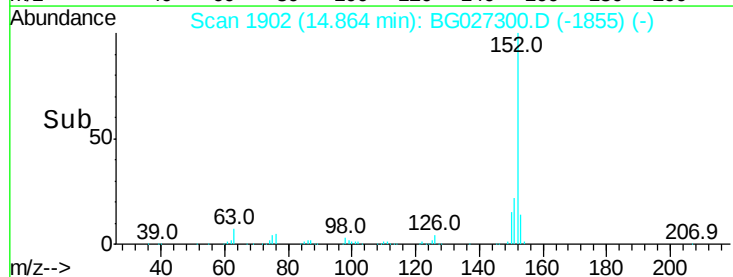
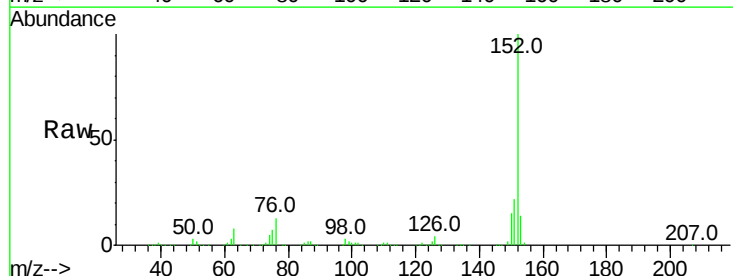
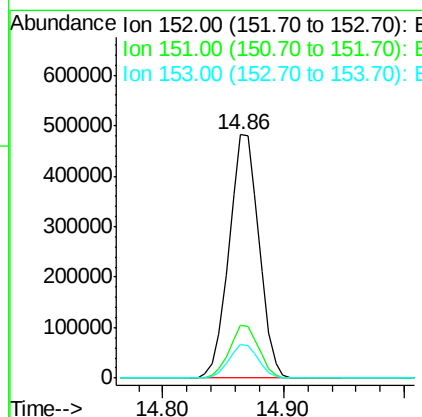
RT: 14.86 min Scan# 1902

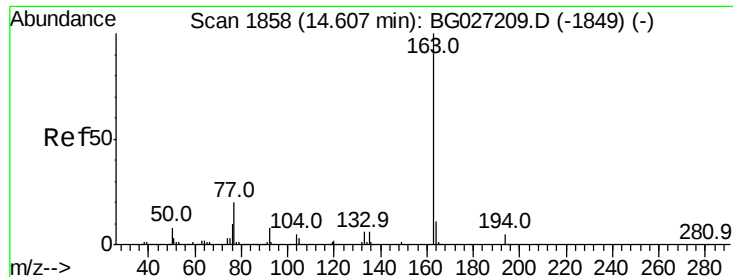
Delta R.T. -0.02 min

Lab File: BG027300.D

Acq: 8 Jun 2017 1:50

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.9	18.2	27.2
153	13.8	11.3	16.9





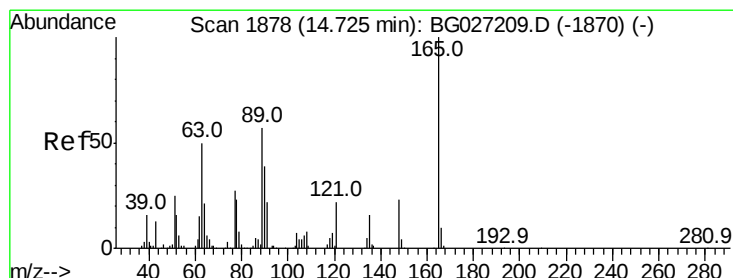
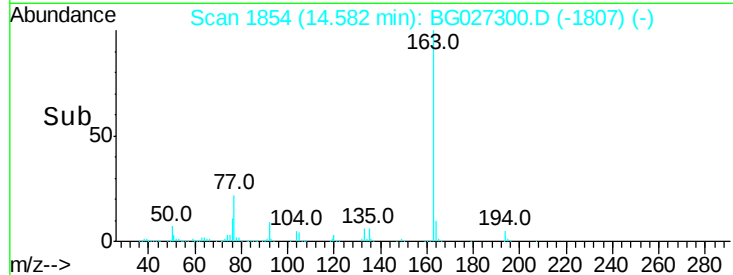
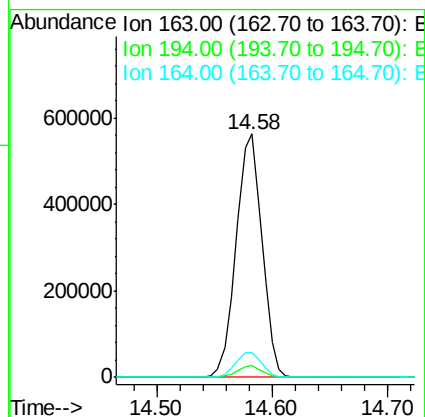
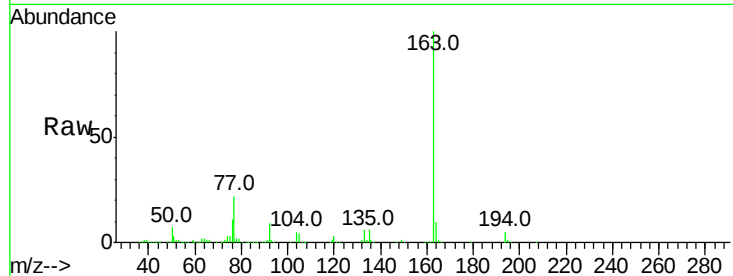
#49
Dimethylphthalate
Concen: 67.83 ng
RT: 14.58 min Scan# 1854
Delta R.T. -0.02 min
Lab File: BG027300.D
Acq: 8 Jun 2017 1:50

Instrument :
BNA_G
ClientSampleId :
SB-4(7-9)20170604MS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	873587		
194	4.7	3.8	5.6	
164	10.4	9.3	13.9	

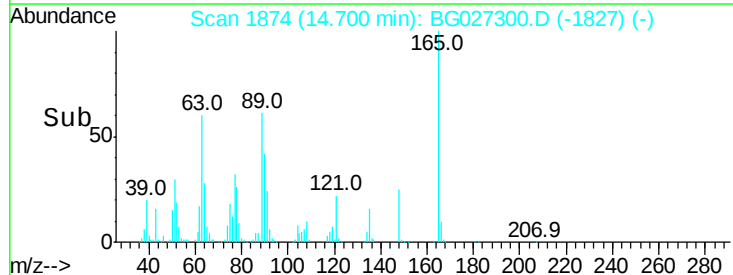
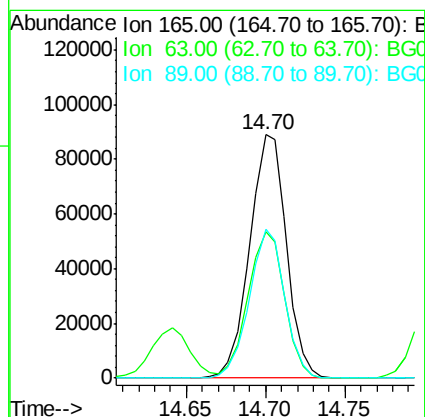
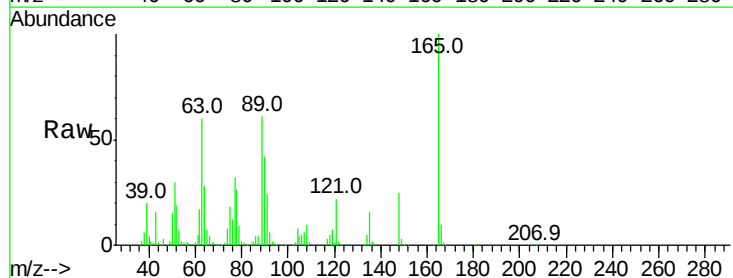
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#50
2,6-Dinitrotoluene
Concen: 54.03 ng
RT: 14.70 min Scan# 1874
Delta R.T. -0.02 min
Lab File: BG027300.D
Acq: 8 Jun 2017 1:50

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	143458		
63	60.1	63.9	95.9#	
89	61.4	58.6	88.0	





#51

Acenaphthene

Concen: 50.17 ng

RT: 15.21 min Scan# 1960

Delta R.T. -0.02 min

Lab File: BG027300.D

Acq: 8 Jun 2017 1:50

Instrument :

BNA_G

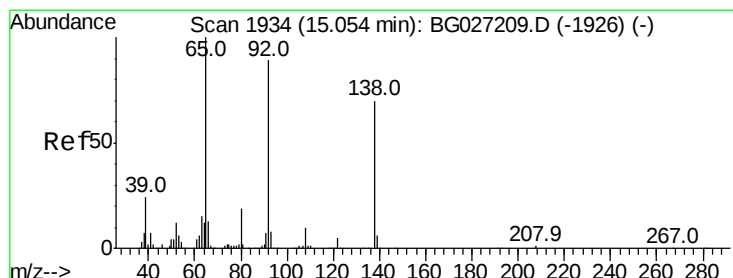
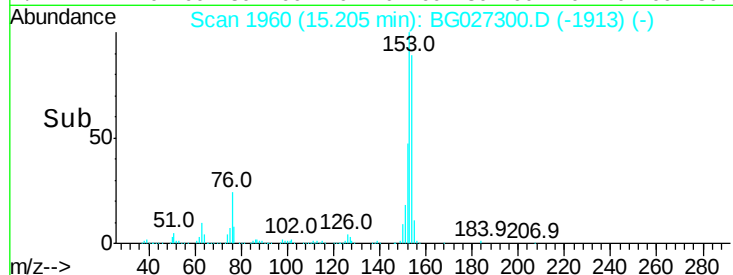
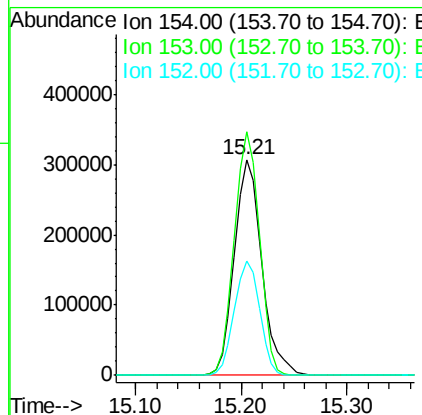
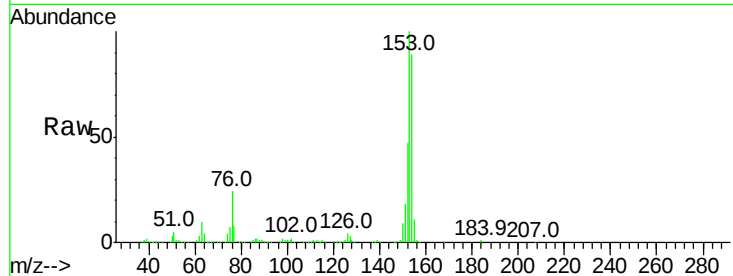
ClientSampleId :

SB-4(7-9)20170604MS

Tot Ion:	154	Resp:	548792
Ion Ratio	Lower	Upper	
154	100		
153	112.7	87.8	131.6
152	53.1	42.2	63.4

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#52

3-Nitroaniline

Concen: 40.61 ng

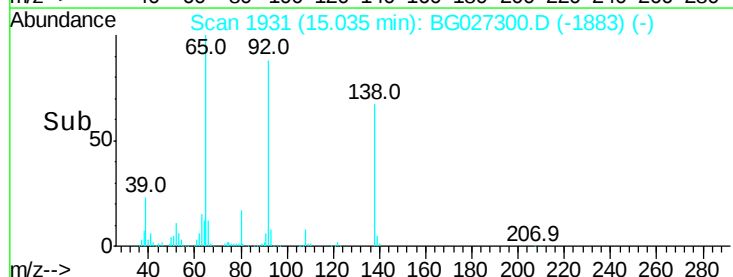
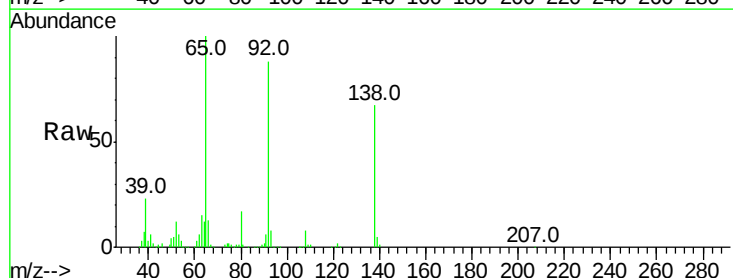
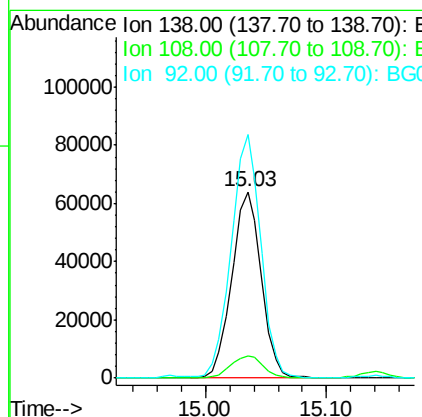
RT: 15.03 min Scan# 1931

Delta R.T. -0.02 min

Lab File: BG027300.D

Acq: 8 Jun 2017 1:50

Tgt Ion:	138	Resp:	108732
Ion Ratio	Lower	Upper	
138	100		
108	12.2	10.9	16.3
92	130.4	115.3	172.9





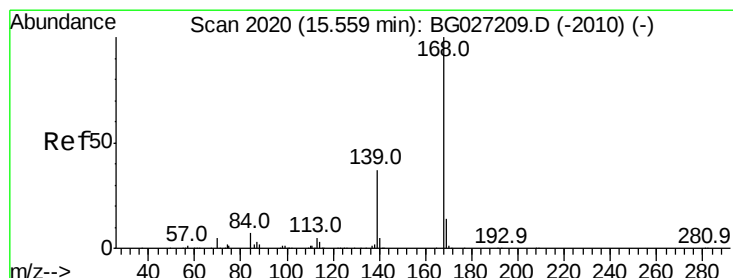
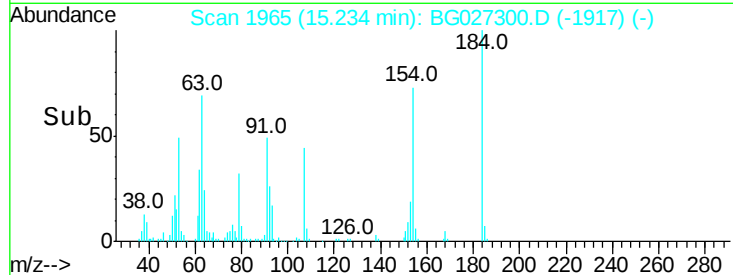
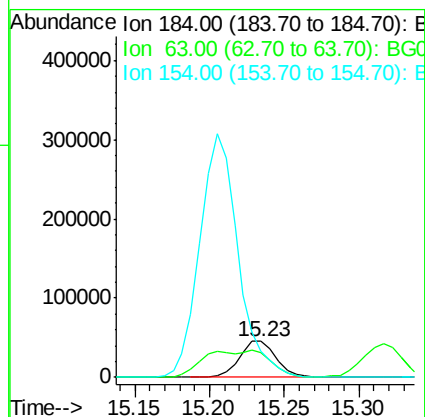
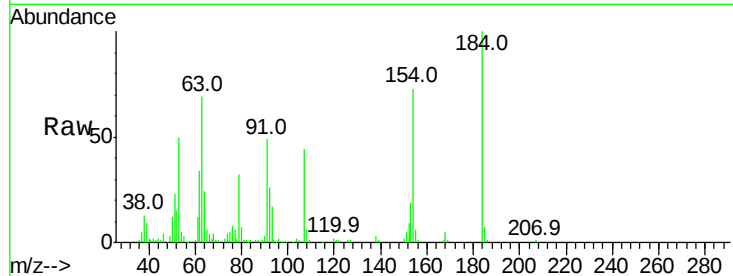
#53
2,4-Dinitrophenol
Concen: 66.71 ng
RT: 15.23 min Scan# 1965
Delta R.T. -0.02 min
Lab File: BG027300.D
Acq: 8 Jun 2017 1:50

Instrument :
BNA_G
ClientSampleId :
SB-4(7-9)20170604MS

Tot Ion	Ratio	Lower	Upper
184	100		
63	68.7	52.7	79.1
154	72.6	57.3	85.9

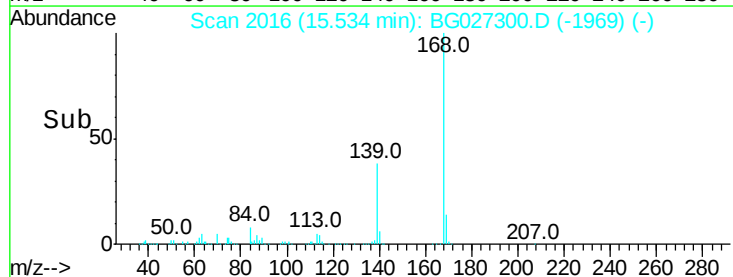
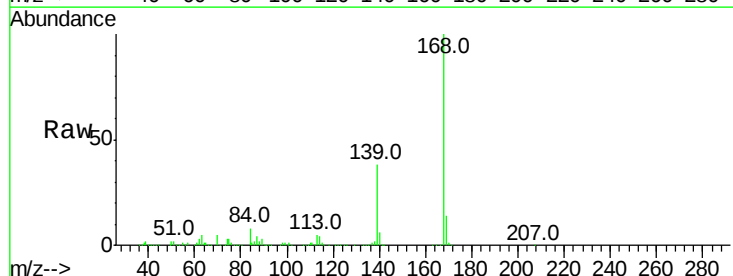
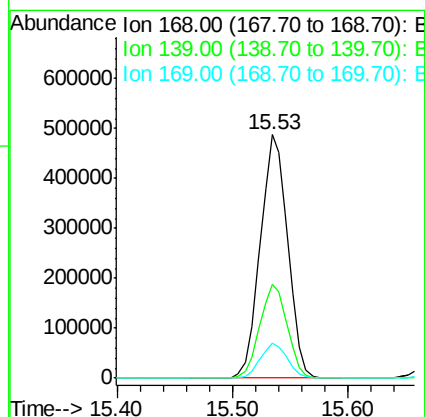
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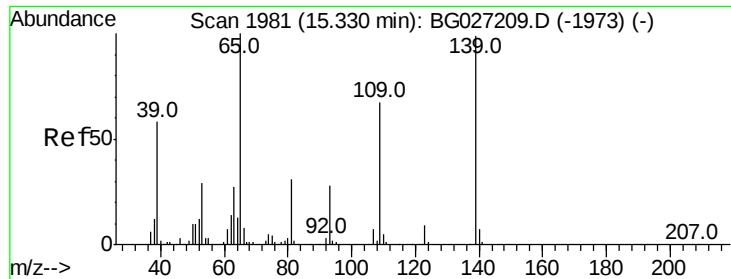
mohammad
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#54
Dibenzofuran
Concen: 52.78 ng
RT: 15.53 min Scan# 2016
Delta R.T. -0.02 min
Lab File: BG027300.D
Acq: 8 Jun 2017 1:50

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.5	35.3	52.9
169	14.4	11.5	17.3





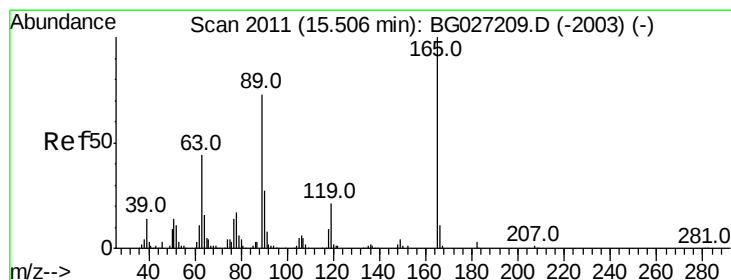
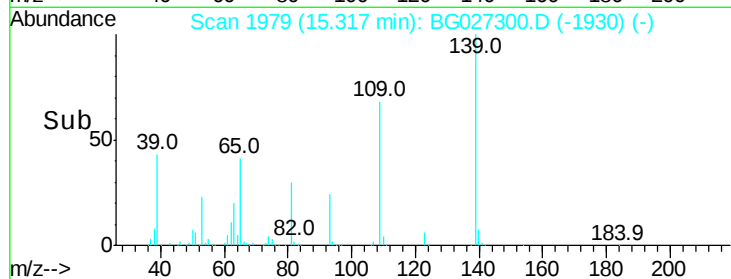
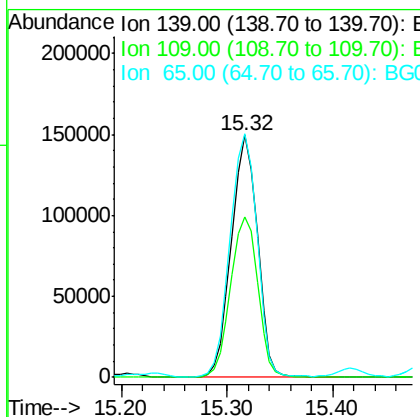
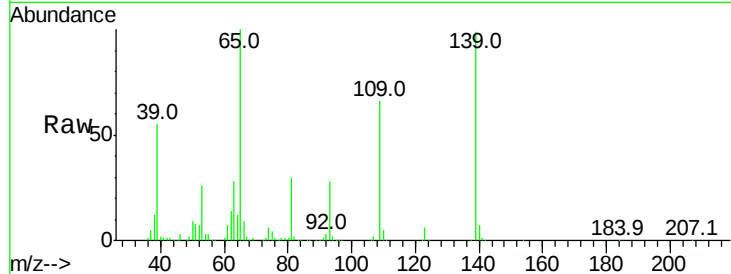
#55
4-Nitrophenol
Concen: 103.63 ng
RT: 15.32 min Scan# 1979
Delta R.T. -0.01 min
Lab File: BG027300.D
Acq: 8 Jun 2017 1:50

Instrument :
BNA_G
ClientSampleId :
SB-4(7-9)20170604MS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	66.2	101.2	141.2#	
65	100.6	135.3	175.3#	

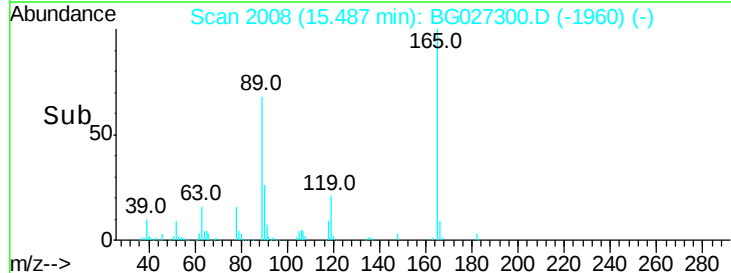
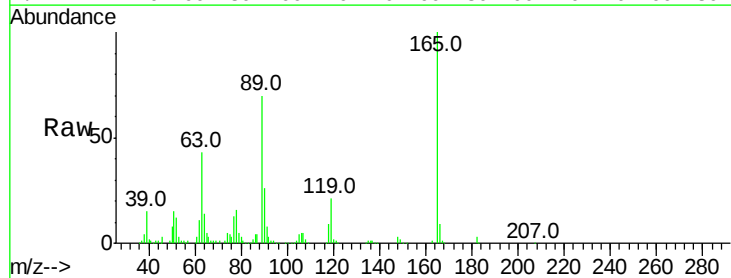
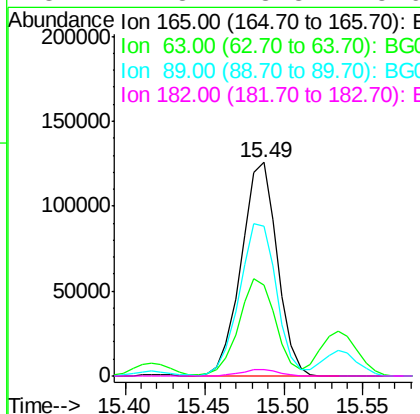
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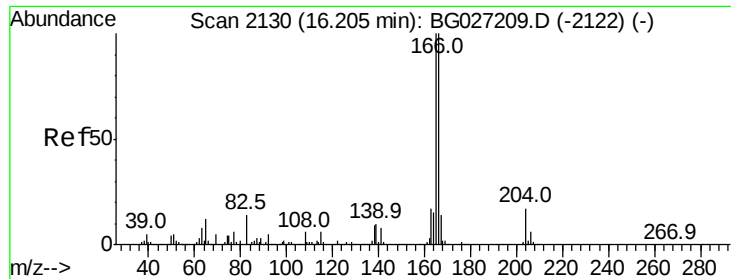
mohammad
6/8/2017 2:23:02 PM



#56
2,4-Dinitrotoluene
Concen: 57.59 ng
RT: 15.49 min Scan# 2008
Delta R.T. -0.02 min
Lab File: BG027300.D
Acq: 8 Jun 2017 1:50

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	42.5	44.0	66.0#	
89	69.9	67.3	100.9	
182	2.8	3.8	5.6#	





#57

Fluorene

Concen: 48.28 ng

RT: 16.19 min Scan# 2127

Delta R.T. -0.02 min

Lab File: BG027300.D

Acq: 8 Jun 2017 1:50

Instrument :

BNA_G

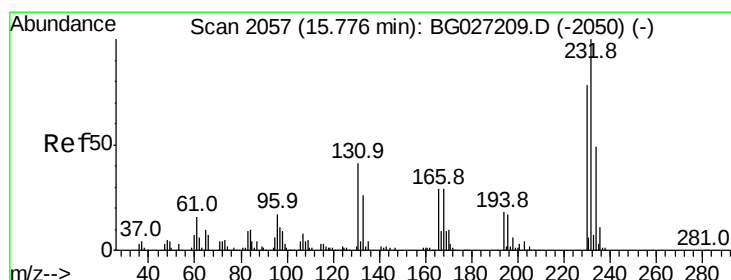
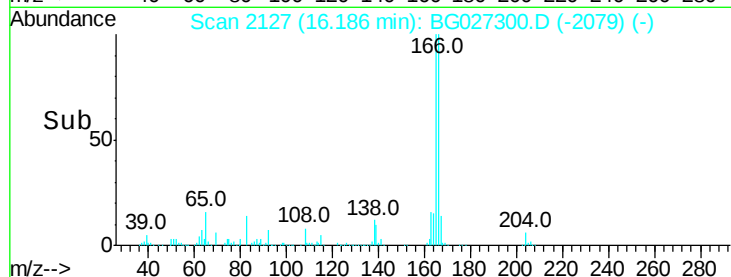
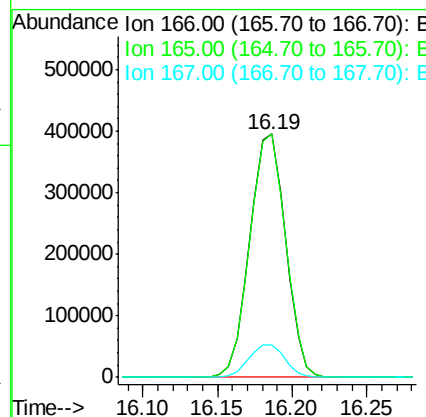
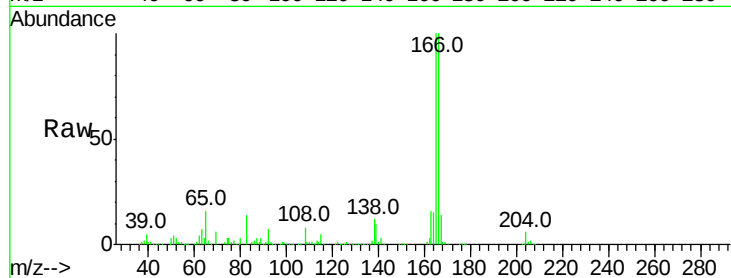
ClientSampleId :

SB-4(7-9)20170604MS

Tot Ion:	166	Resp:	655424
Ion Ratio	Lower	Upper	
166	100		
165	99.9	78.6	117.8
167	13.5	11.6	17.4

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#58

2,3,4,6-Tetrachlorophenol

Concen: 59.74 ng

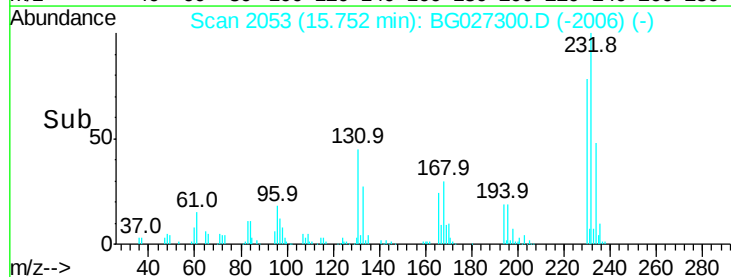
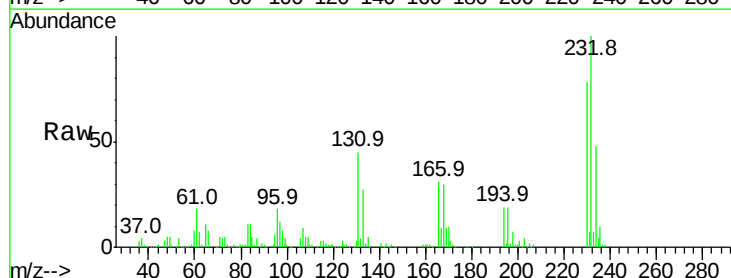
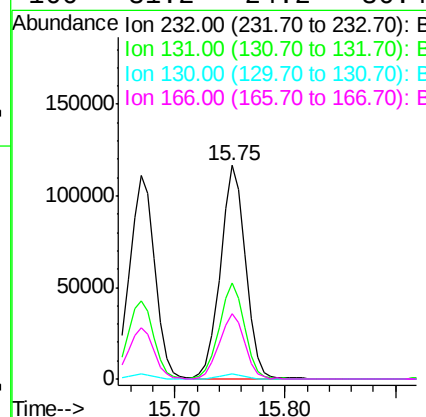
RT: 15.75 min Scan# 2053

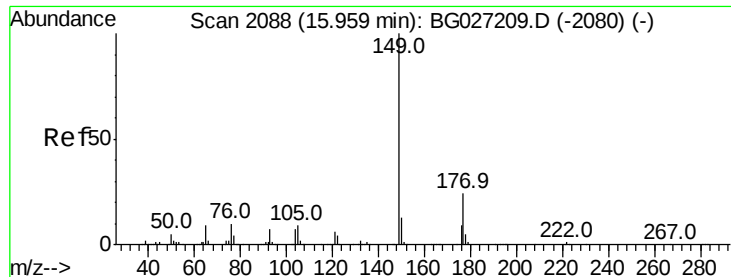
Delta R.T. -0.02 min

Lab File: BG027300.D

Acq: 8 Jun 2017 1:50

Tgt Ion:	232	Resp:	183075
Ion Ratio	Lower	Upper	
232	100		
131	45.4	34.9	52.3
130	2.5	2.3	3.5
166	31.2	24.2	36.4





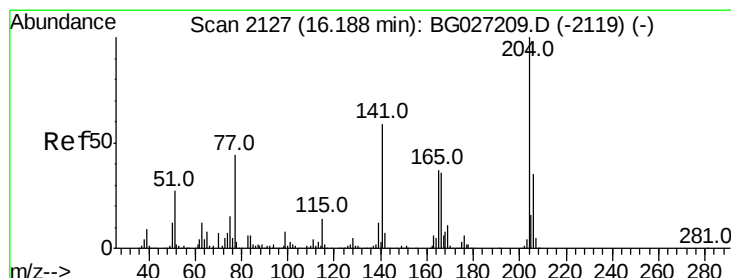
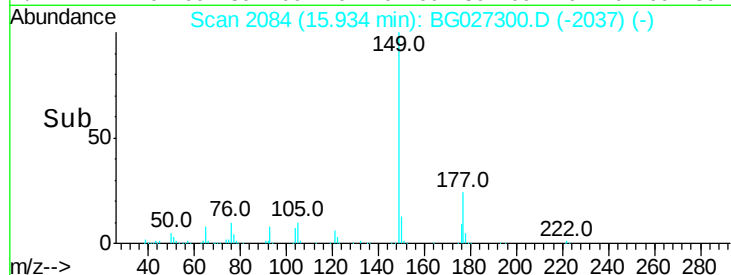
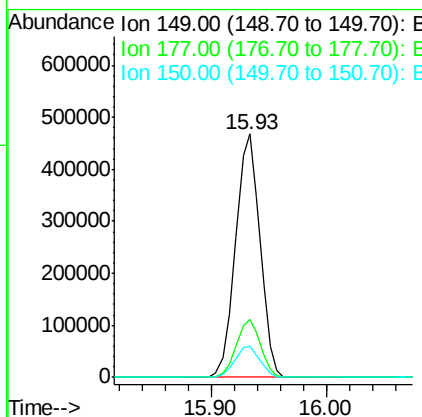
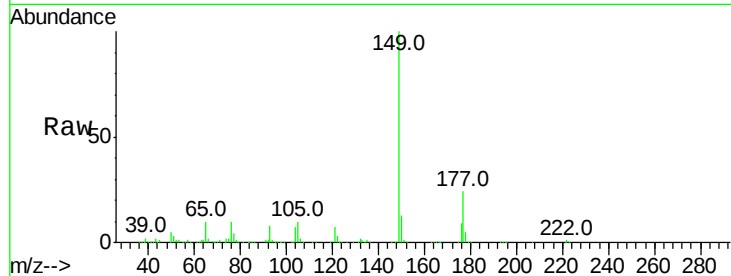
#59
Diethylphthalate
Concen: 53.09 ng
RT: 15.93 min Scan# 2084
Delta R.T. -0.02 min
Lab File: BG027300.D
Acq: 8 Jun 2017 1:50

Instrument :
BNA_G
ClientSampleId :
SB-4(7-9)20170604MS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
177	23.7	20.1	30.1
150	13.0	10.2	15.2

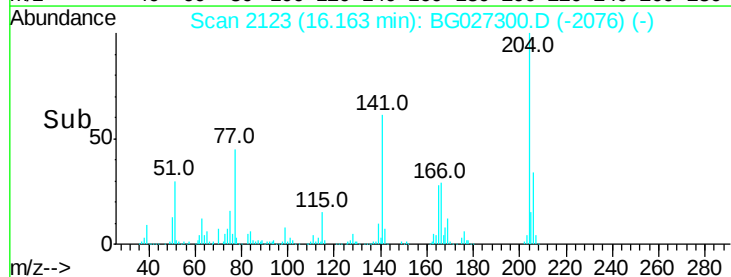
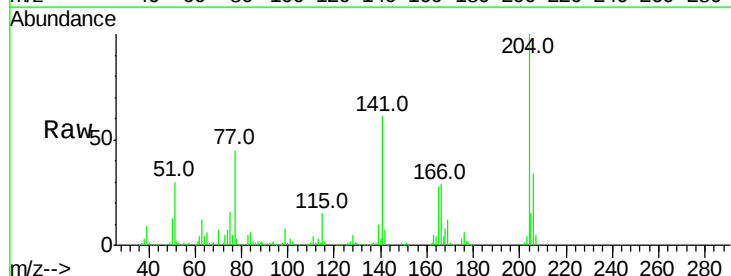
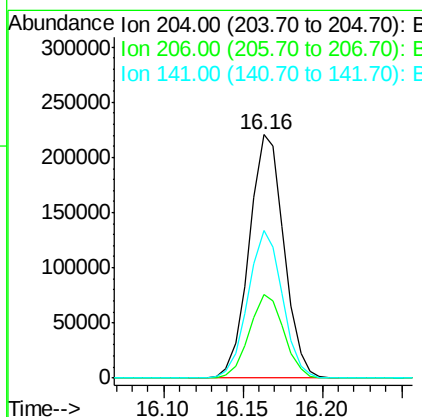
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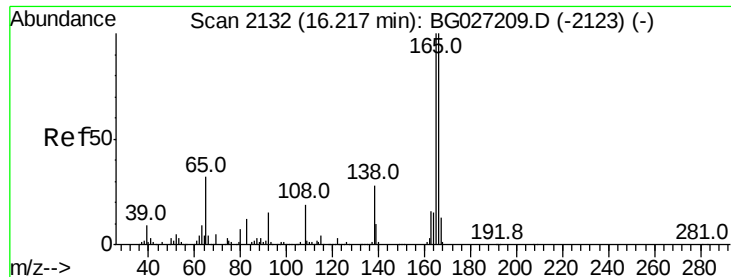
mohammad
6/8/2017 2:23:02 PM



#60
4-Chlorophenyl-phenylether
Concen: 49.04 ng
RT: 16.16 min Scan# 2123
Delta R.T. -0.02 min
Lab File: BG027300.D
Acq: 8 Jun 2017 1:50

Tgt Ion	Ratio	Resp Lower	Upper
204	100		
206	34.1	30.1	45.1
141	60.5	50.6	76.0





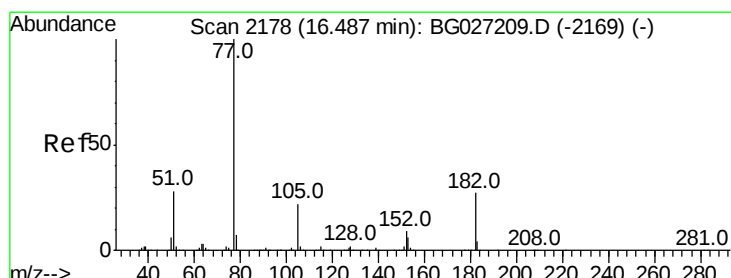
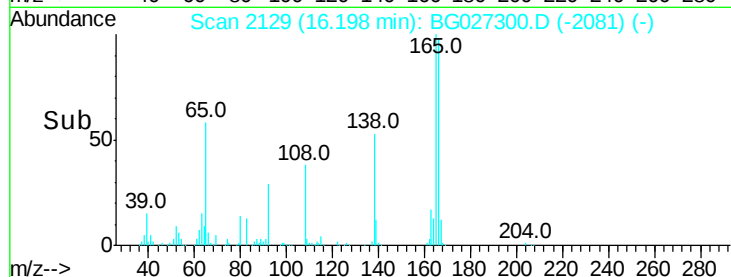
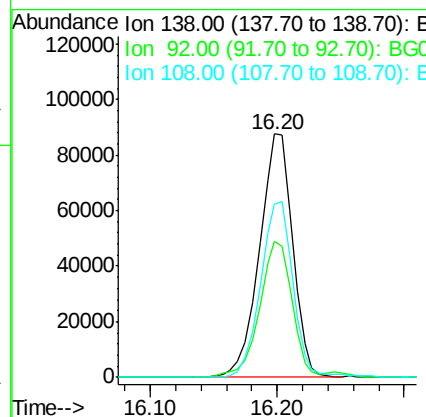
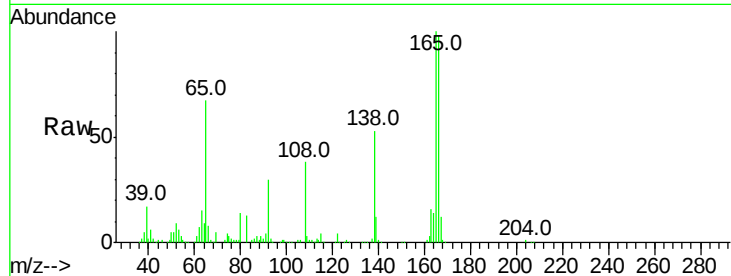
#61
4-Nitroaniline
Concen: 56.29 ng
RT: 16.20 min Scan# 2129
Delta R.T. -0.02 min
Lab File: BG027300.D
Acq: 8 Jun 2017 1:50

Instrument :
BNA_G
ClientSampleId :
SB-4(7-9)20170604MS

Tot Ion	Ratio	Resp	Lower	Upper
138	100			
92	55.8	44.2	84.2	
108	71.0	104.8	144.8	

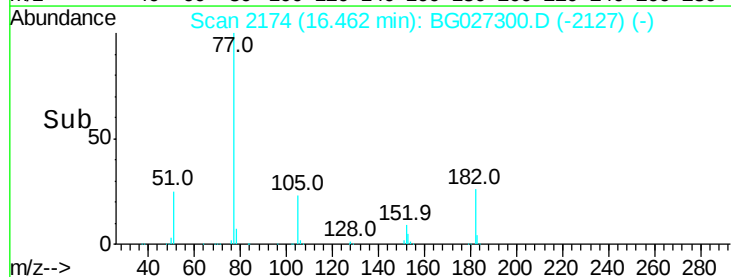
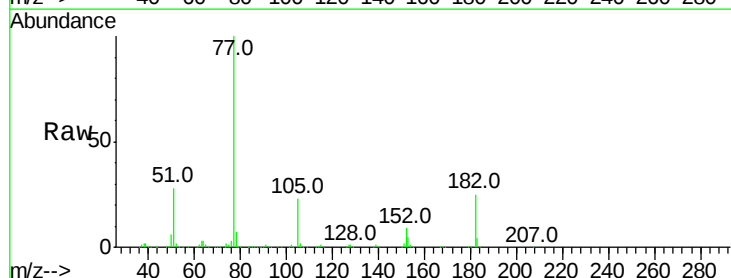
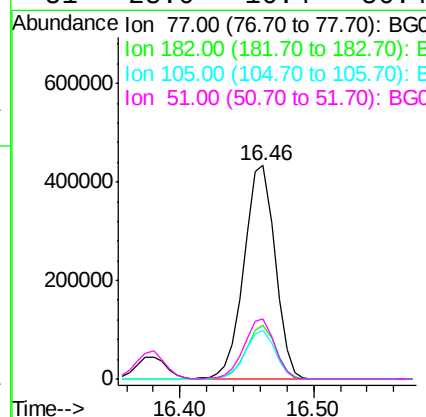
Manual Integrations
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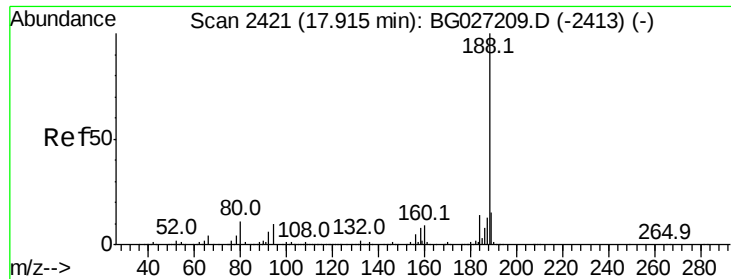
mohammad
6/8/2017 2:23:02 PM



#62
Azobenzene
Concen: 58.66 ng
RT: 16.46 min Scan# 2174
Delta R.T. -0.02 min
Lab File: BG027300.D
Acq: 8 Jun 2017 1:50

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
182	25.0	4.7	44.7	
105	22.6	0.0	36.3	
51	28.0	16.4	56.4	





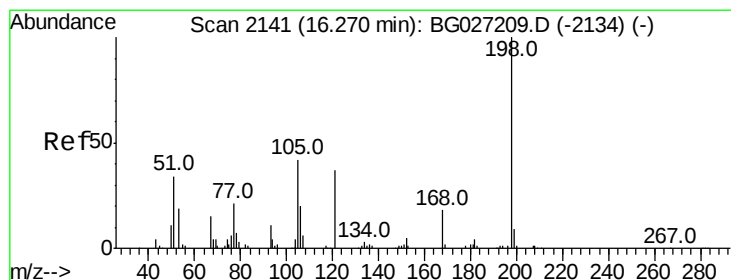
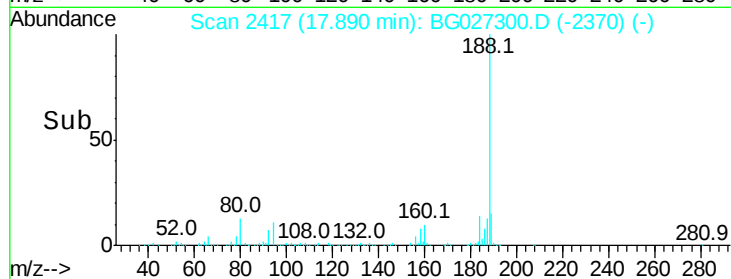
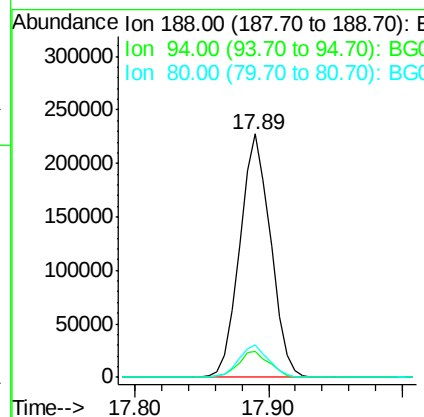
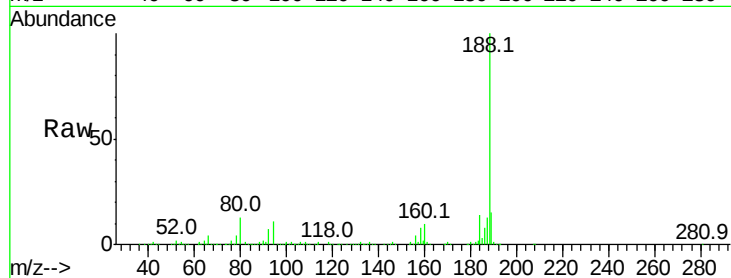
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.89 min Scan# 2417
Delta R.T. -0.02 min
Lab File: BG027300.D
Acq: 8 Jun 2017 1:50

Instrument :
BNA_G
ClientSampleId :
SB-4(7-9)20170604MS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	10.5	5.8	8.8#
80	13.2	7.5	11.3#

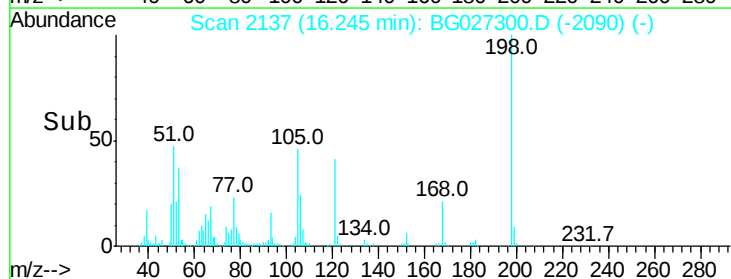
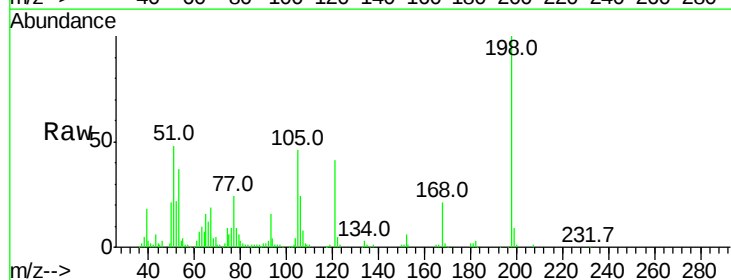
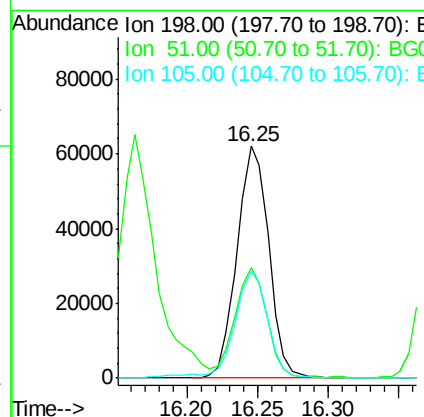
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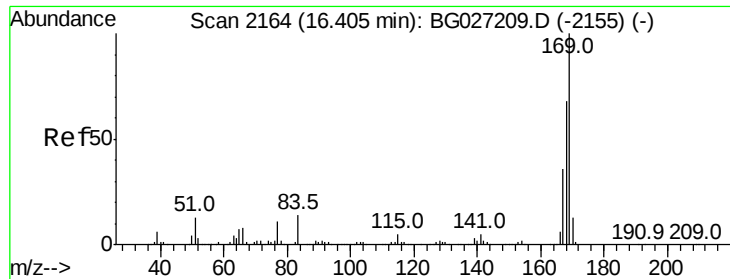
mohammad
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#64
4,6-Dinitro-2-methylphenol
Concen: 56.76 ng
RT: 16.25 min Scan# 2137
Delta R.T. -0.02 min
Lab File: BG027300.D
Acq: 8 Jun 2017 1:50

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	47.6	22.6	62.6
105	46.0	14.4	54.4





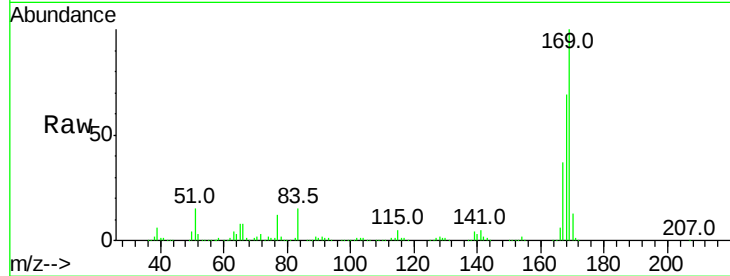
#65
n-Nitrosodiphenylamine
Concen: 52.08 ng
RT: 16.38 min Scan# 2160
Delta R.T. -0.02 min
Lab File: BG027300.D
Acq: 8 Jun 2017 1:50

Instrument :
BNA_G
ClientSampleId :
SB-4(7-9)20170604MS

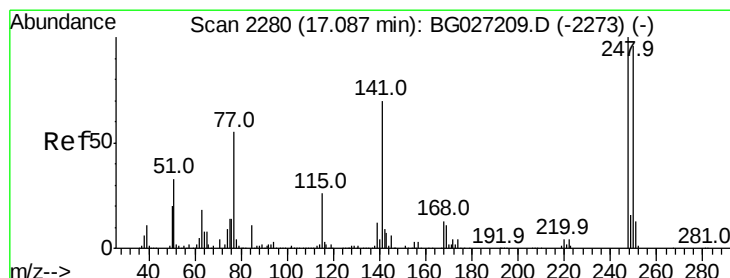
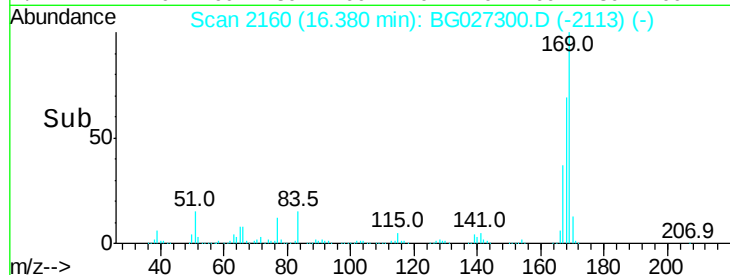
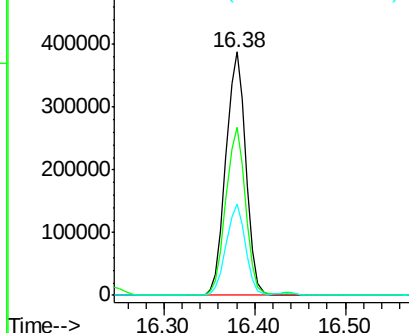
Tot Ion	Ratio	Resp	Lower	Upper
169	100	592571		
168	68.9		55.7	83.5
167	37.3		29.8	44.6

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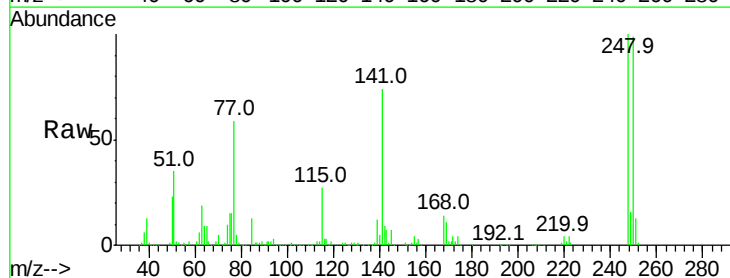


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

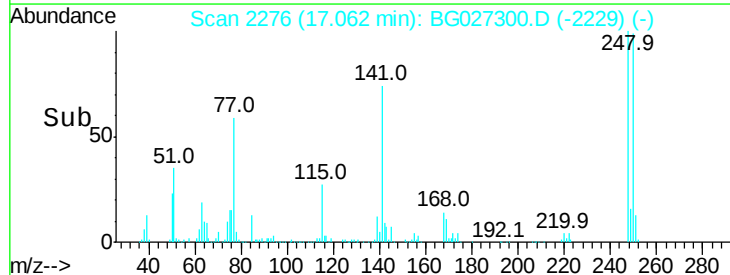
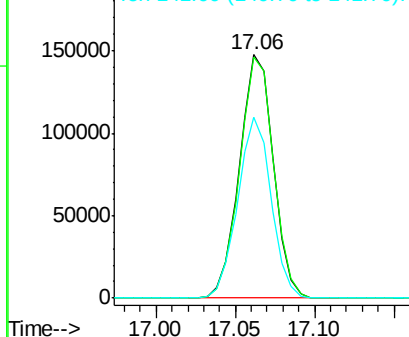


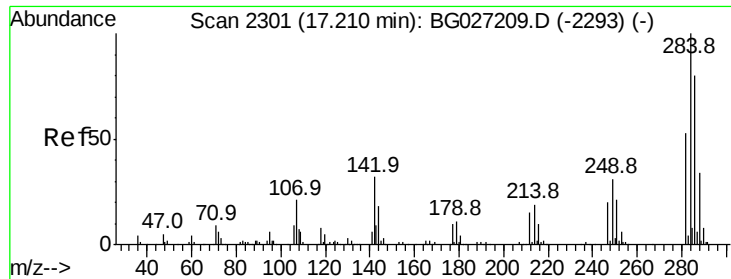
#66
4-Bromophenyl-phenylether
Concen: 50.82 ng
RT: 17.06 min Scan# 2276
Delta R.T. -0.02 min
Lab File: BG027300.D
Acq: 8 Jun 2017 1:50

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	218285		
250	98.9		75.0	112.6
141	74.1		55.2	82.8



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





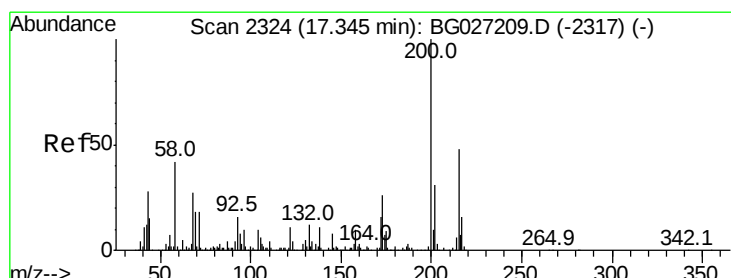
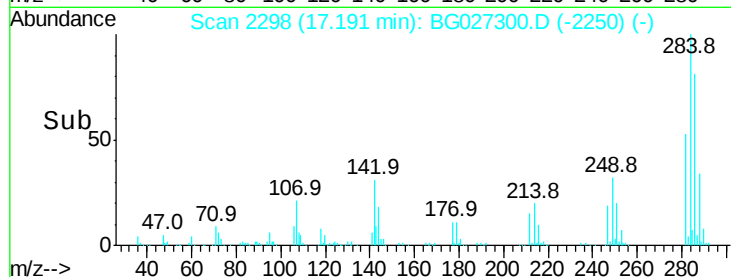
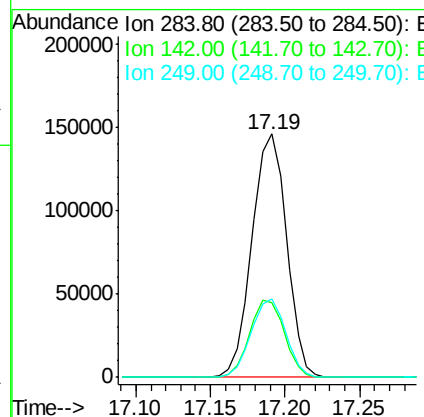
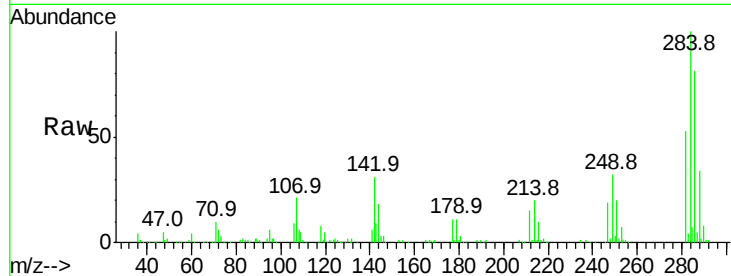
#67
Hexachlorobenzene
Concen: 50.62 ng
RT: 17.19 min Scan# 2298
Delta R.T. -0.02 min
Lab File: BG027300.D
Acq: 8 Jun 2017 1:50

Instrument :
BNA_G
ClientSampleId :
SB-4(7-9)20170604MS

Tot Ion	Ratio	Resp Lower	Upper
284	100		
142	30.8	29.9	44.9
249	32.3	29.2	43.8

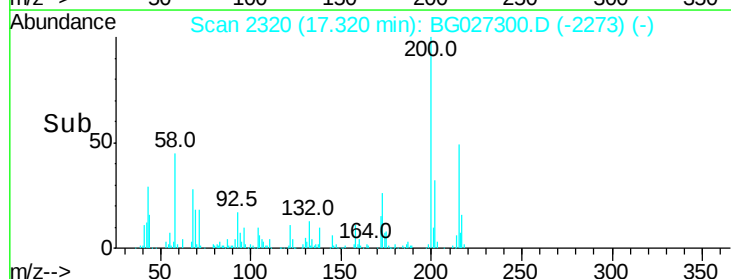
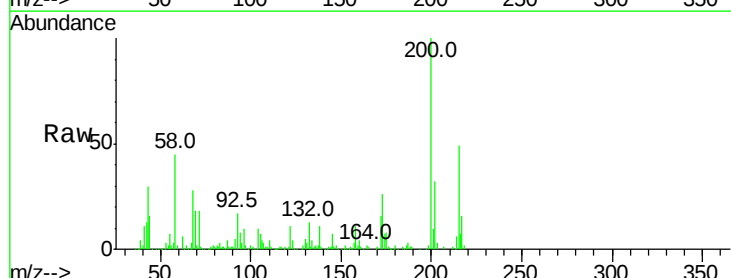
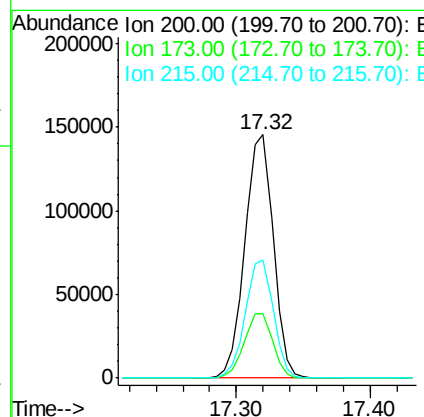
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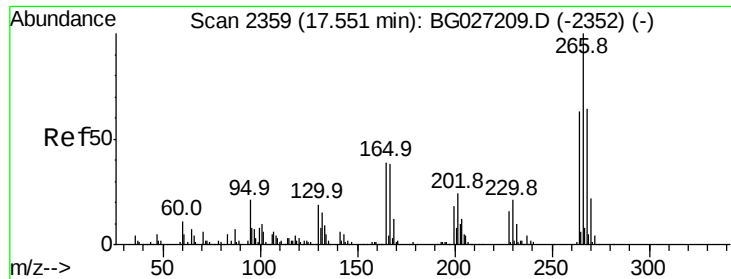
mohammad
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#68
Atrazine
Concen: 56.16 ng
RT: 17.32 min Scan# 2320
Delta R.T. -0.02 min
Lab File: BG027300.D
Acq: 8 Jun 2017 1:50

Tgt Ion	Ratio	Resp Lower	Upper
200	100		
173	26.2	3.0	43.0
215	48.7	28.4	68.4





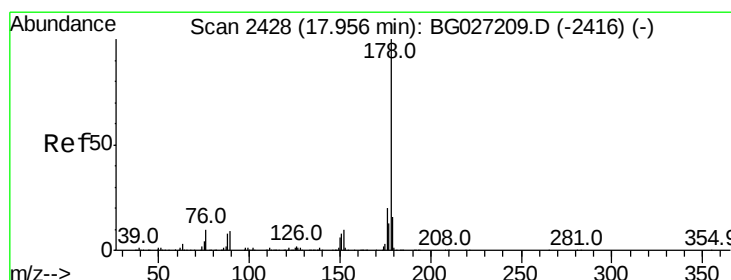
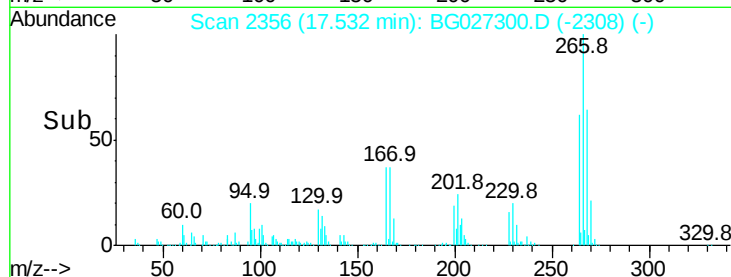
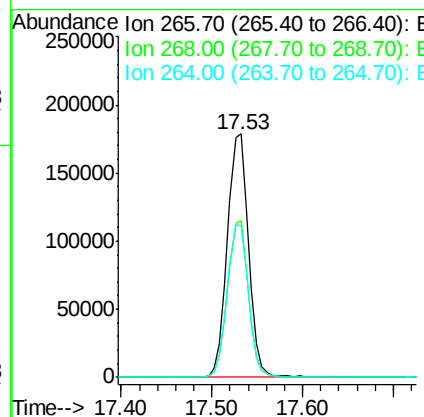
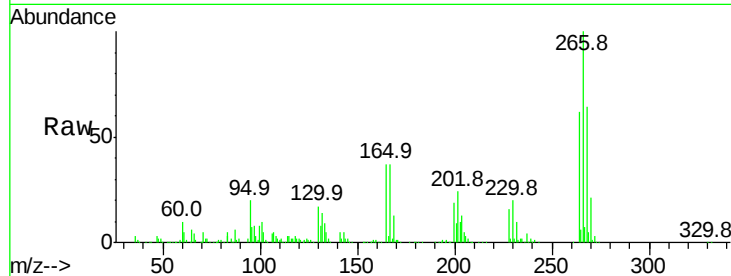
#69
 Pentachlorophenol
 Concen: 106.87 ng
 RT: 17.53 min Scan# 2356
 Delta R.T. -0.02 min
 Lab File: BG027300.D
 Acq: 8 Jun 2017 1:50

Instrument :
 BNA_G
 ClientSampleId :
 SB-4(7-9)20170604MS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	289404		
268	64.5	48.6	72.8	
264	62.4	50.1	75.1	

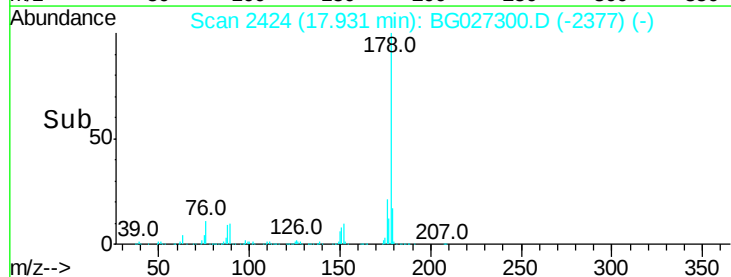
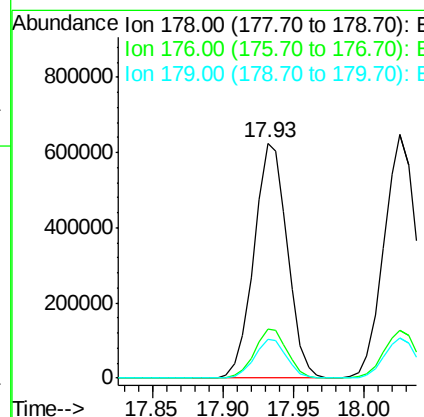
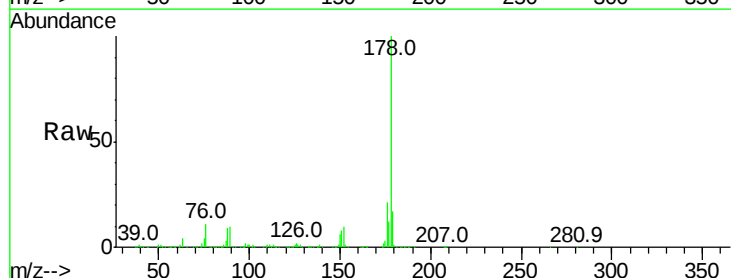
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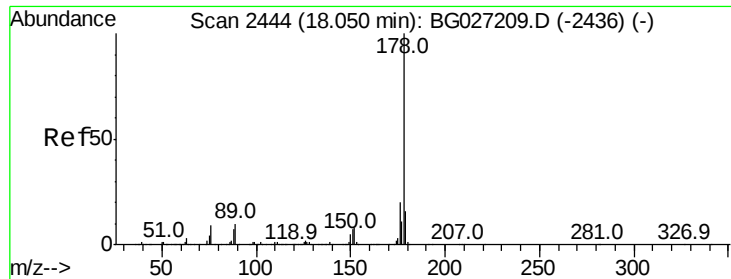
mohammad
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#70
 Phenanthrene
 Concen: 50.63 ng
 RT: 17.93 min Scan# 2424
 Delta R.T. -0.02 min
 Lab File: BG027300.D
 Acq: 8 Jun 2017 1:50

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1033742		
176	20.7	17.7	26.5	
179	16.5	15.0	22.6	





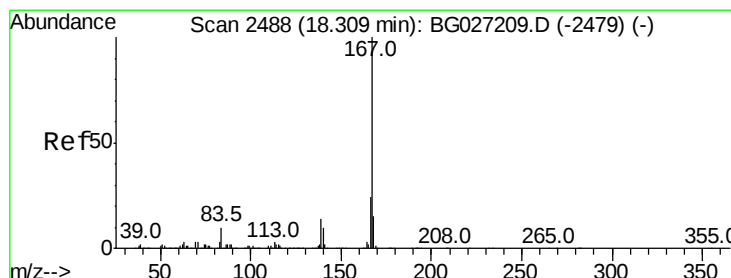
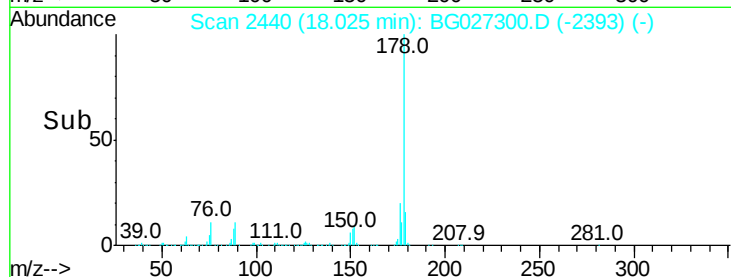
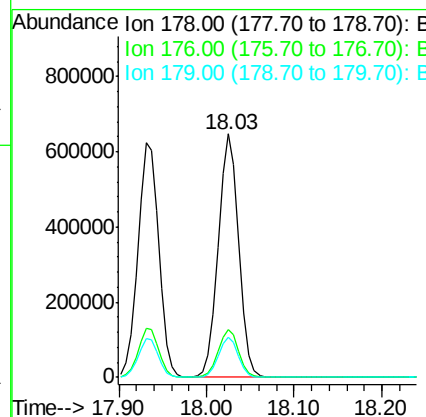
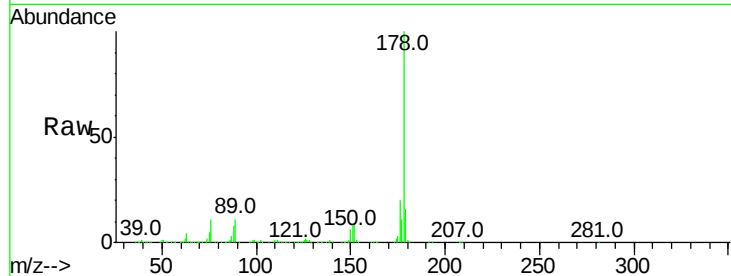
#71
 Anthracene
 Concen: 51.21 ng
 RT: 18.03 min Scan# 2440
 Delta R.T. -0.02 min
 Lab File: BG027300.D
 Acq: 8 Jun 2017 1:50

Instrument :
 BNA_G
 ClientSampleId :
 SB-4(7-9)20170604MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.4	24.6
179	16.5	13.8	20.8

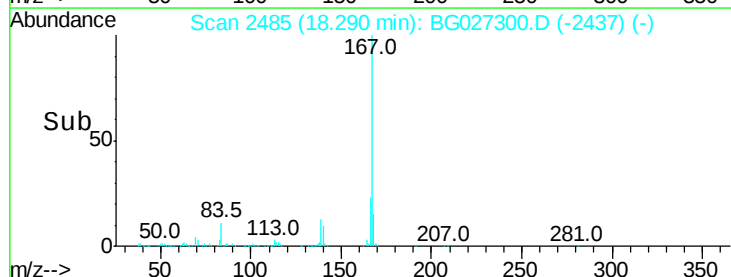
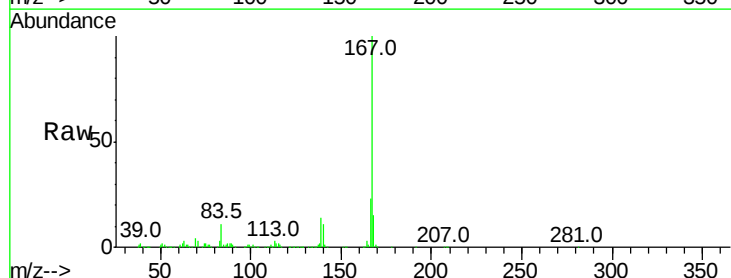
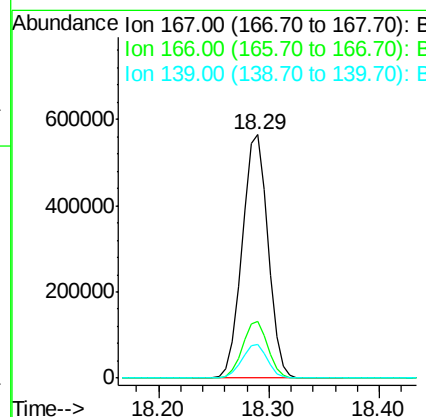
Manual Integrations
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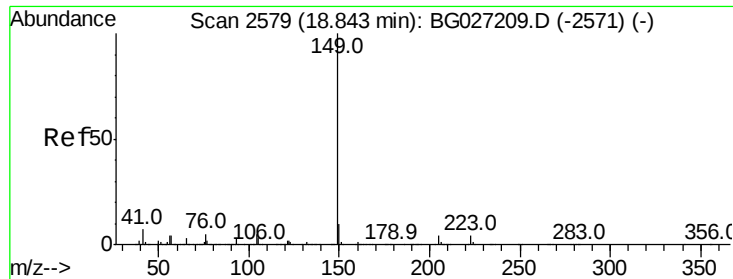
mohammad
 6/8/2017 2:23:02 PM



#72
 Carbazole
 Concen: 48.19 ng
 RT: 18.29 min Scan# 2485
 Delta R.T. -0.02 min
 Lab File: BG027300.D
 Acq: 8 Jun 2017 1:50

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.3	20.2	30.2
139	13.7	12.8	19.2





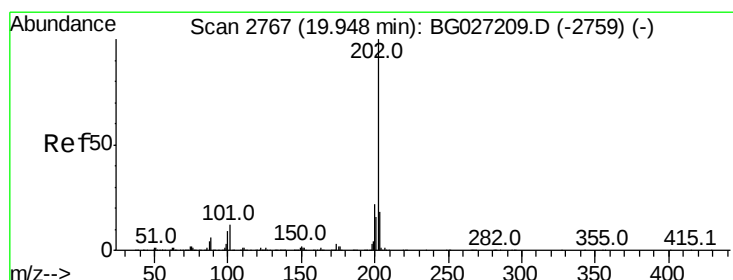
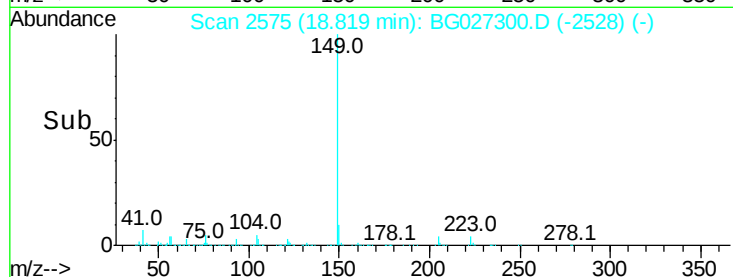
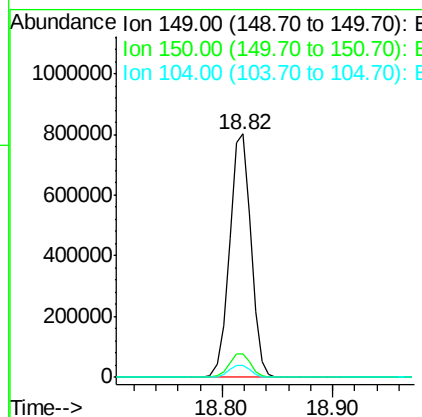
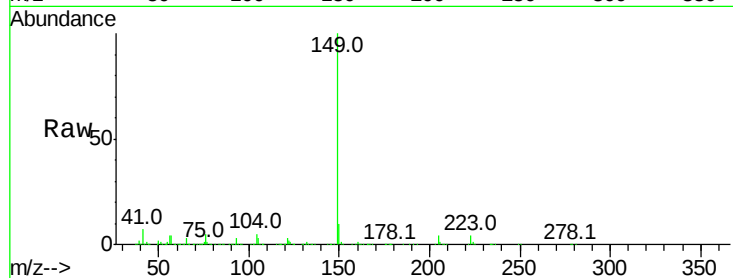
#73
Di-n-butylphthalate
Concen: 57.86 ng
RT: 18.82 min Scan# 2575
Delta R.T. -0.02 min
Lab File: BG027300.D
Acq: 8 Jun 2017 1:50

Instrument :
BNA_G
ClientSampleId :
SB-4(7-9)20170604MS

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.9	9.1	13.7
104	5.2	6.7	10.1

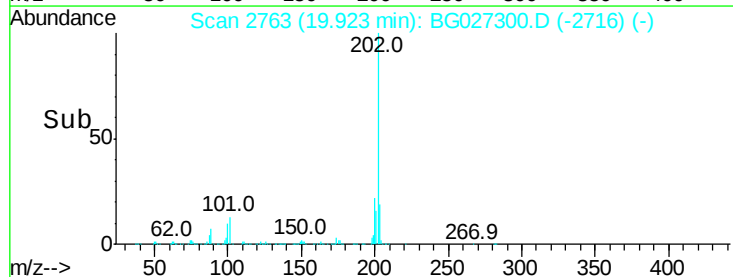
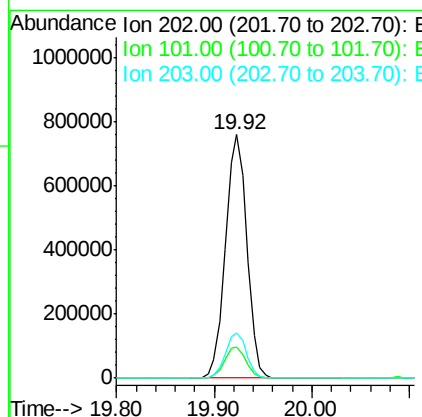
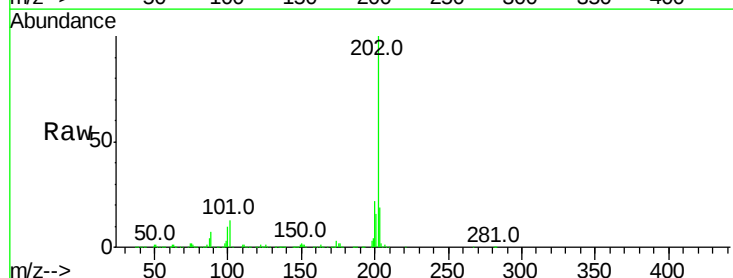
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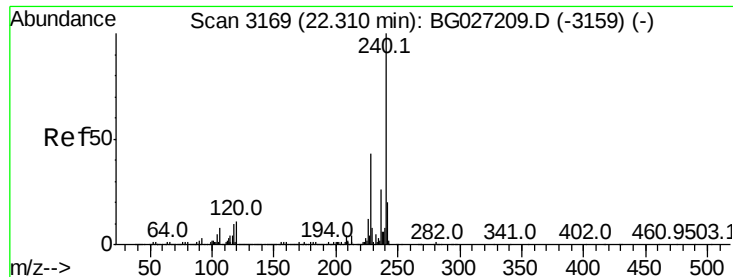
mohammad
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#74
Fluoranthene
Concen: 52.58 ng
RT: 19.92 min Scan# 2763
Delta R.T. -0.02 min
Lab File: BG027300.D
Acq: 8 Jun 2017 1:50

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	30.1
203	18.7	1.3	41.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 22.27 min Scan# 3163

Delta R.T. -0.04 min

Lab File: BG027300.D

Acq: 8 Jun 2017 1:50

Instrument :

BNA_G

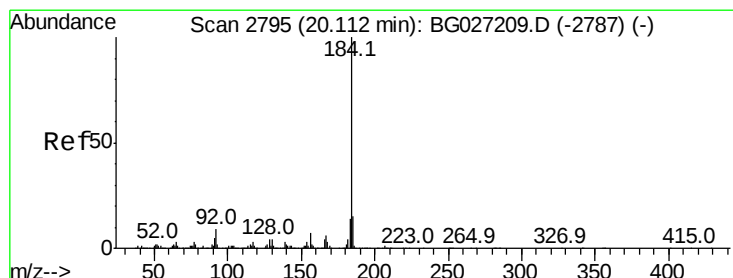
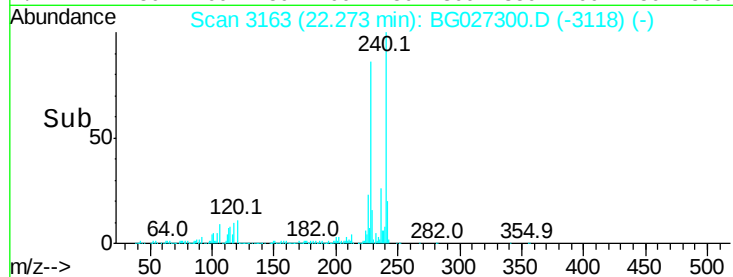
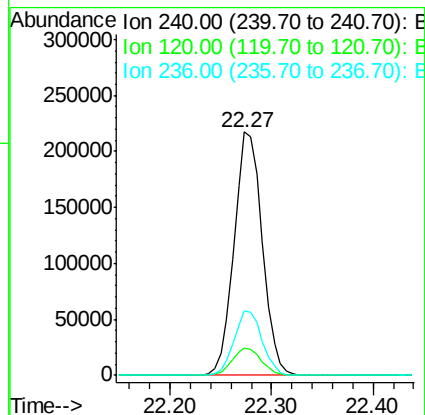
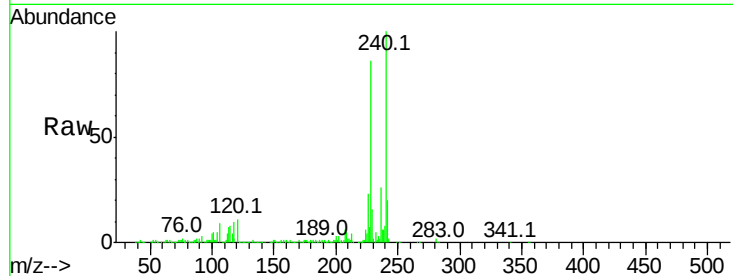
ClientSampleId :

SB-4(7-9)20170604MS

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.4	5.7	8.5#
236	26.3	22.2	33.4

Manual Integrations
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#76

Benzidine

Concen: 48.00 ng

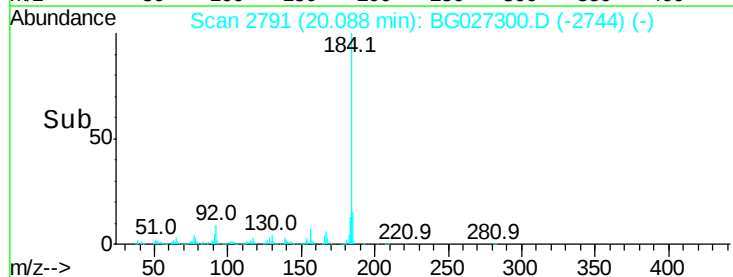
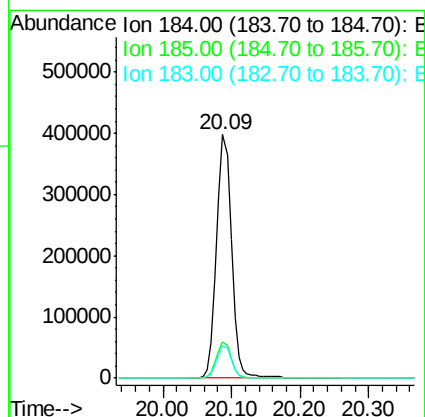
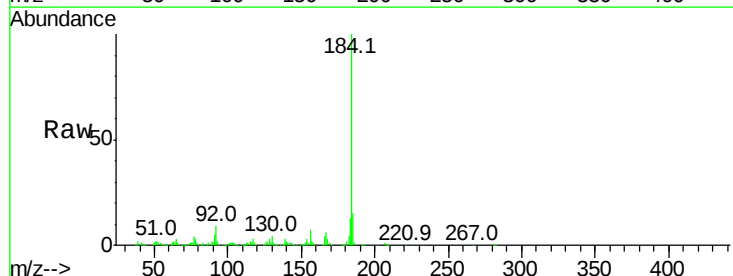
RT: 20.09 min Scan# 2791

Delta R.T. -0.02 min

Lab File: BG027300.D

Acq: 8 Jun 2017 1:50

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.9	13.0	19.6
183	13.3	11.0	16.6





#77

Pvrene

Concen: 46.24 ng

RT: 20.29 min Scan# 2825

Delta R.T. -0.02 min

Lab File: BG027300.D

Acq: 8 Jun 2017 1:50

Instrument :

BNA_G

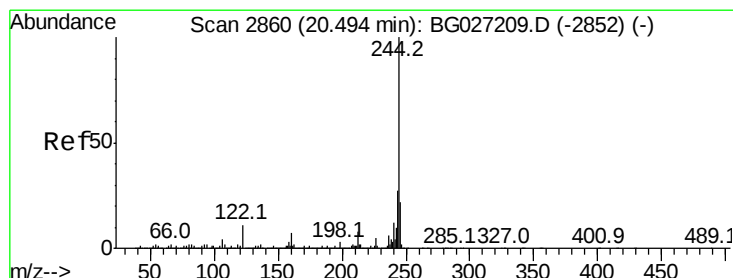
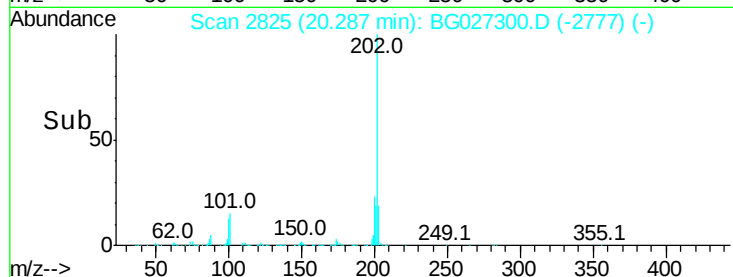
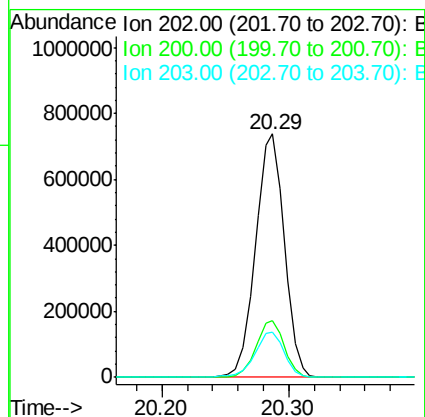
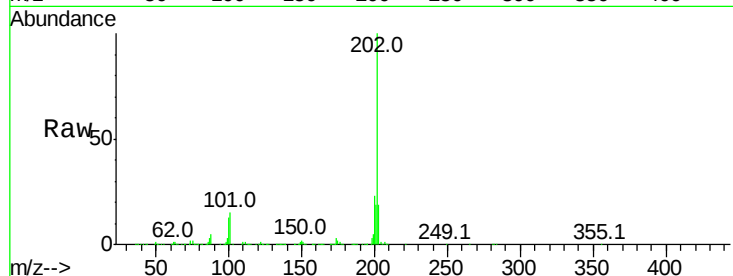
ClientSampleId :

SB-4(7-9)20170604MS

Tot Ion:	202	Resp:	1168943
Ion	Ratio	Lower	Upper
202	100		
200	23.1	19.6	29.4
203	18.7	15.8	23.8

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#78

Terphenyl-d14

Concen: 92.48 ng

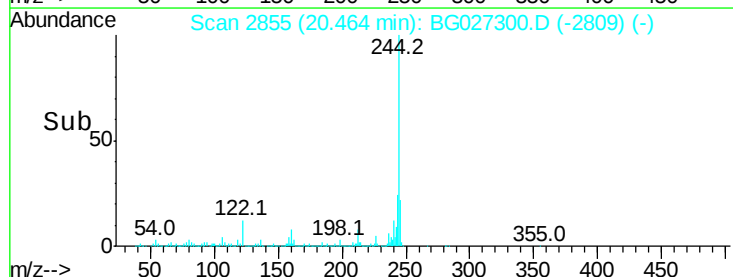
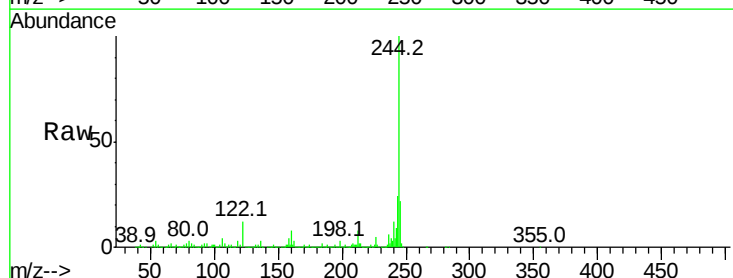
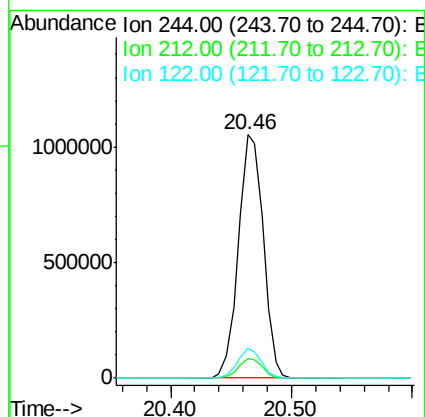
RT: 20.46 min Scan# 2855

Delta R.T. -0.03 min

Lab File: BG027300.D

Acq: 8 Jun 2017 1:50

Tgt Ion:	244	Resp:	1516898
Ion	Ratio	Lower	Upper
244	100		
212	8.0	10.0	15.0#
122	12.0	8.6	12.8





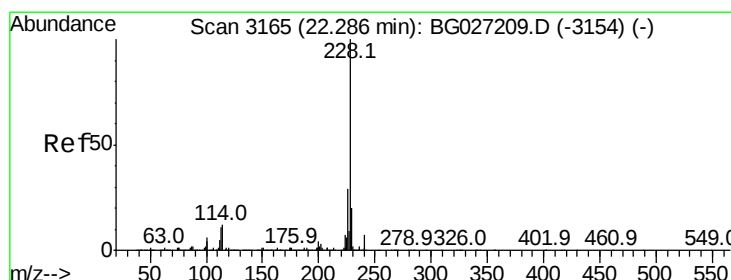
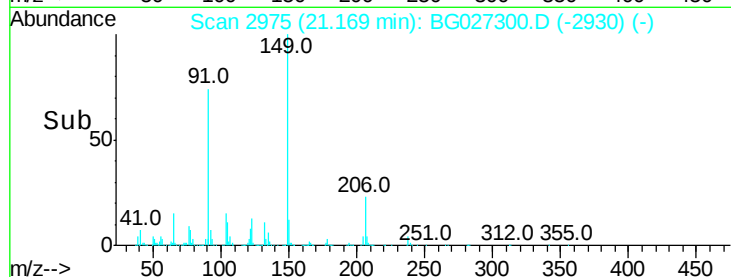
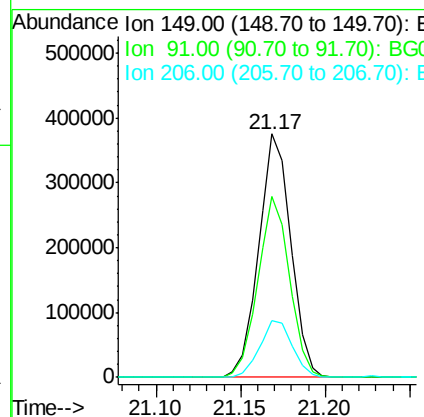
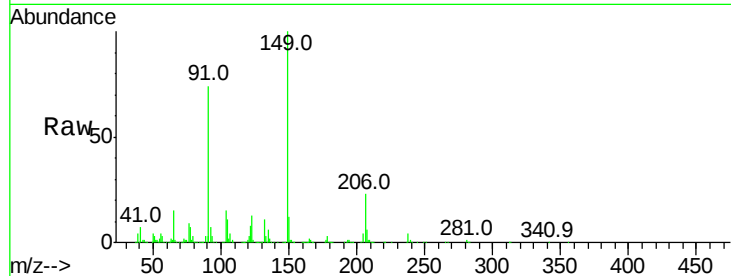
#79
Butylbenzylphthalate
Concen: 55.33 ng
RT: 21.17 min Scan# 2975
Delta R.T. -0.04 min
Lab File: BG027300.D
Acq: 8 Jun 2017 1:50

Instrument :
BNA_G
ClientSampleId :
SB-4(7-9)20170604MS

Tot Ion	Ratio	Lower	Upper
149	100		
91	74.2	63.5	95.3
206	23.1	21.0	31.6

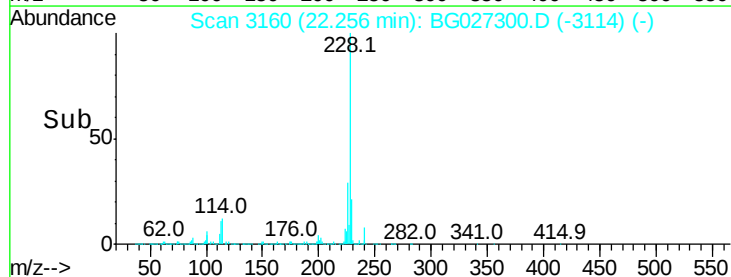
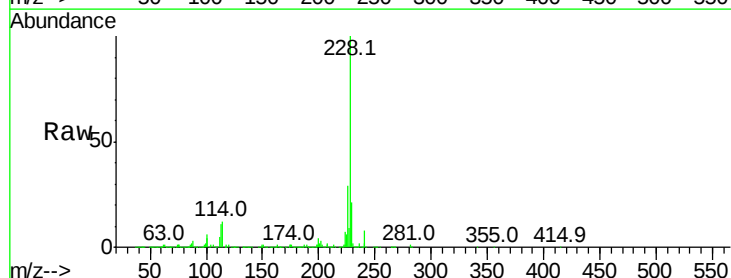
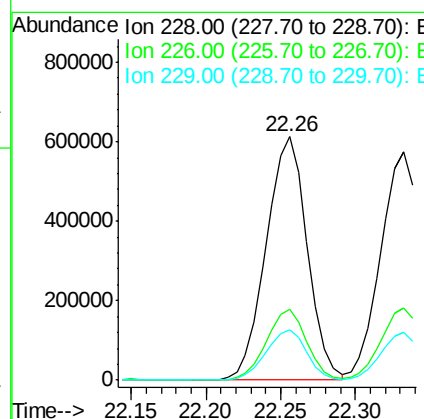
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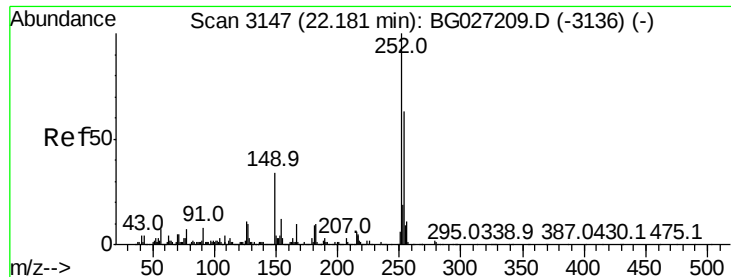
mohammad
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#80
Benzo(a)anthracene
Concen: 49.13 ng
RT: 22.26 min Scan# 3160
Delta R.T. -0.03 min
Lab File: BG027300.D
Acq: 8 Jun 2017 1:50

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.0	24.9	37.3
229	20.9	18.2	27.2





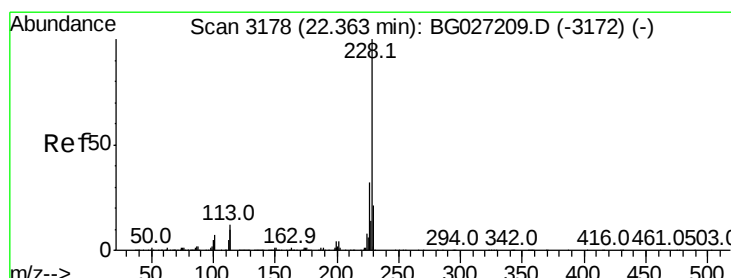
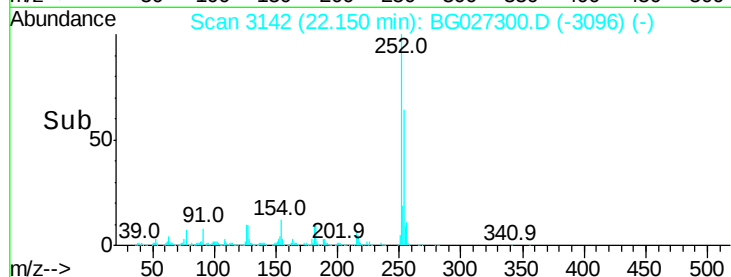
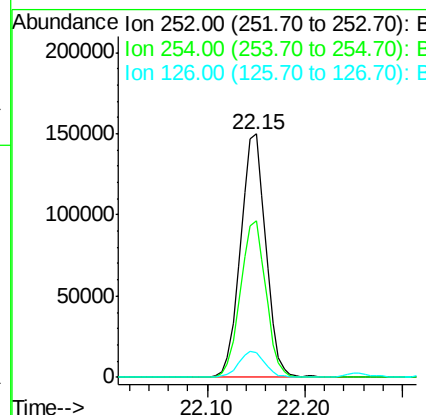
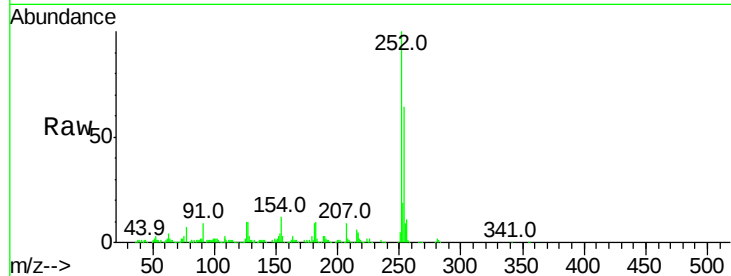
#81
 3,3'-Dichlorobenzidine
 Concen: 29.10 ng
 RT: 22.15 min Scan# 3142
 Delta R.T. -0.03 min
 Lab File: BG027300.D
 Acq: 8 Jun 2017 1:50

Instrument :
 BNA_G
 ClientSampleId :
 SB-4(7-9)20170604MS

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.2	53.1	79.7
126	9.9	7.0	10.4

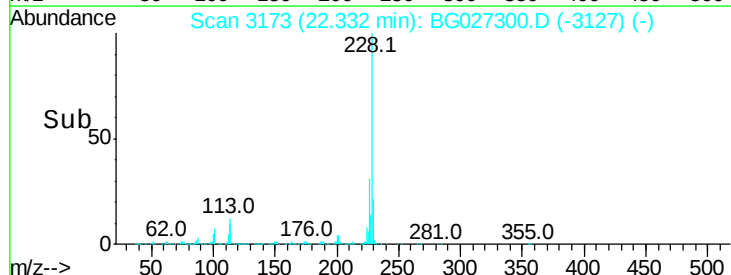
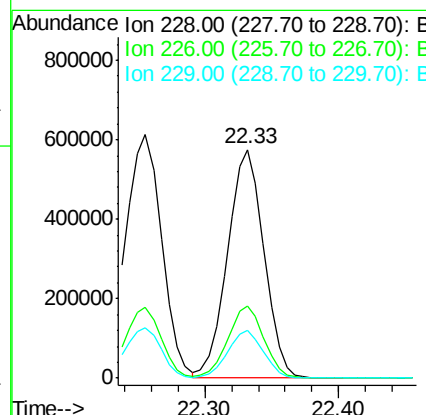
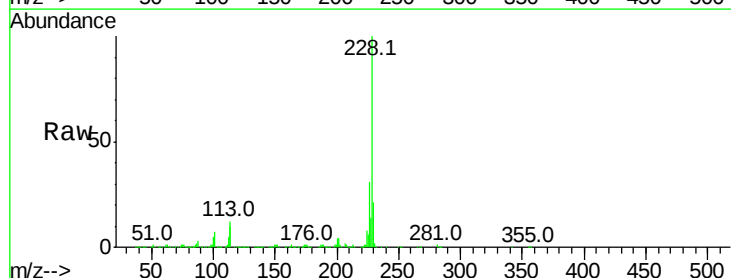
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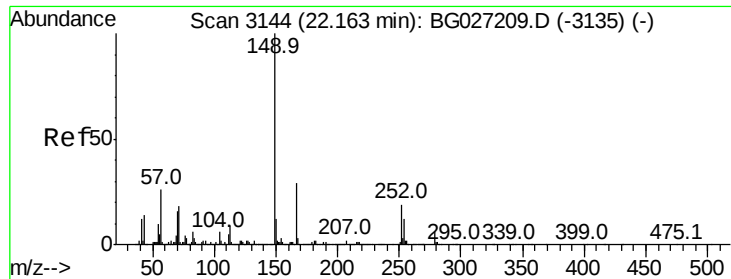
mohammad
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#82
 Chrysene
 Concen: 47.67 ng
 RT: 22.33 min Scan# 3173
 Delta R.T. -0.03 min
 Lab File: BG027300.D
 Acq: 8 Jun 2017 1:50

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.3	27.0	40.4
229	21.0	17.8	26.6





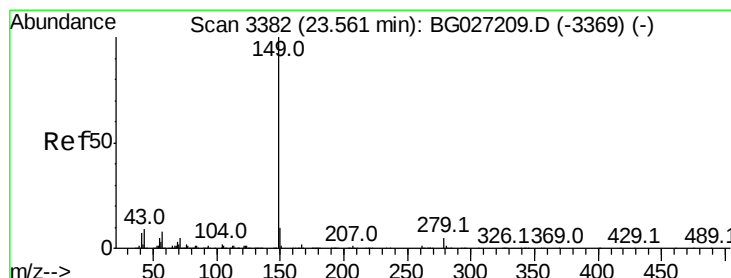
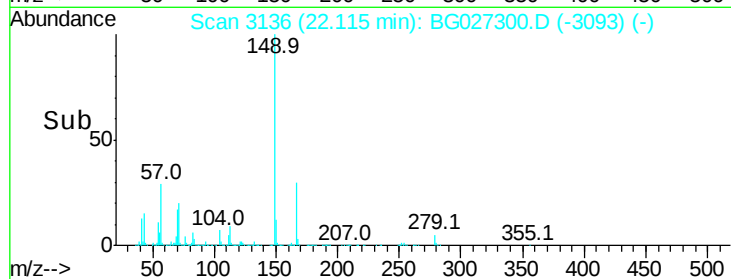
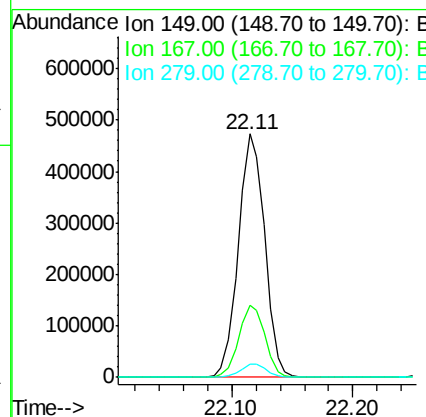
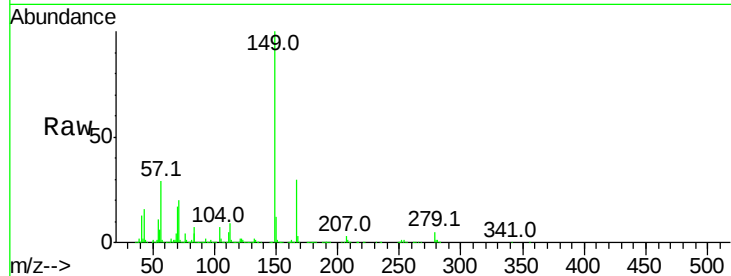
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 53.36 ng
 RT: 22.11 min Scan# 3136
 Delta R.T. -0.05 min
 Lab File: BG027300.D
 Acq: 8 Jun 2017 1:50

Instrument :
 BNA_G
 ClientSampleId :
 SB-4(7-9)20170604MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	29.5	23.7	35.5
279	5.2	4.6	6.8

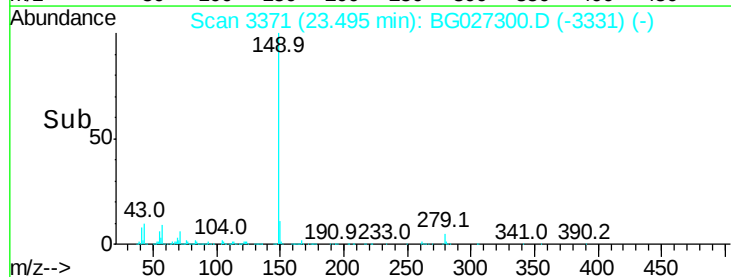
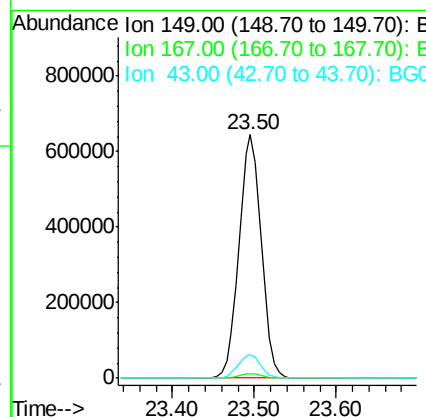
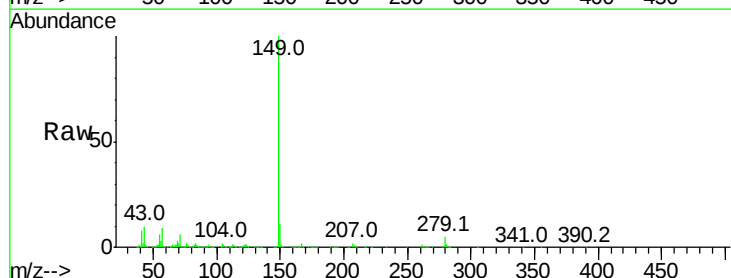
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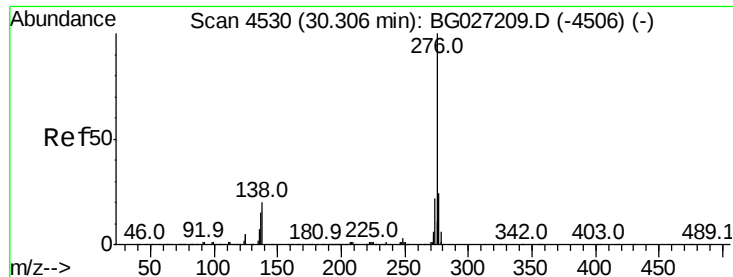
mohammad
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#84
 Di-n-octyl phthalate
 Concen: 54.47 ng
 RT: 23.50 min Scan# 3371
 Delta R.T. -0.07 min
 Lab File: BG027300.D
 Acq: 8 Jun 2017 1:50

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.2
43	9.9	11.8	17.6#





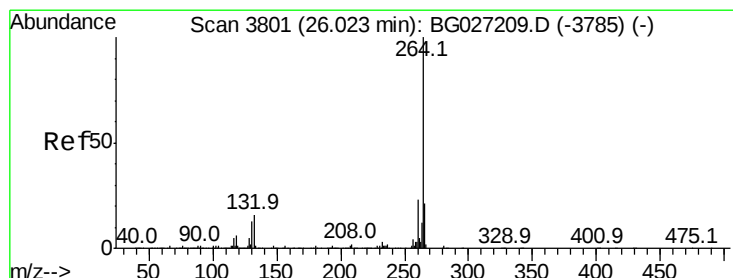
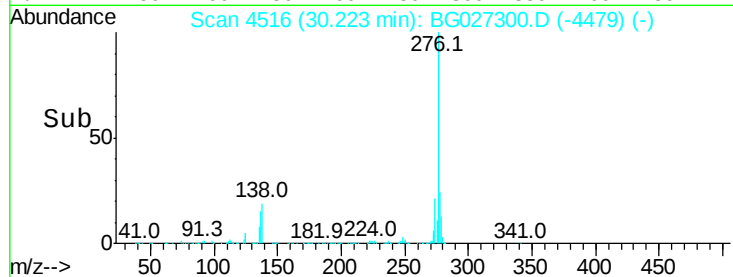
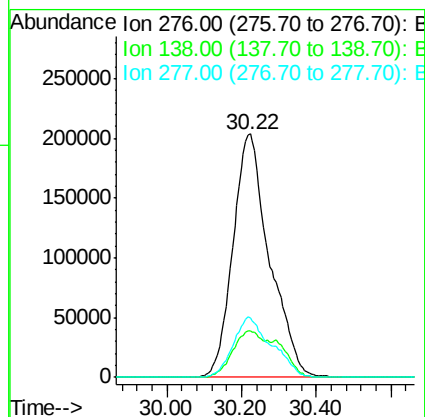
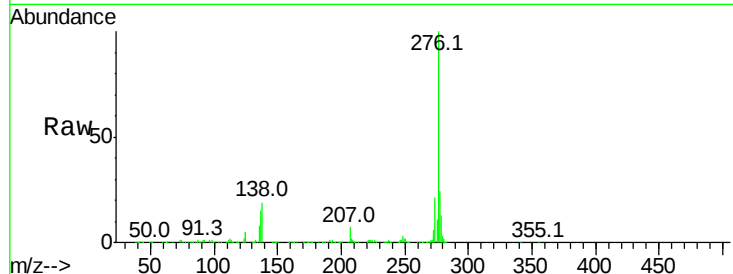
#85
Indeno(1,2,3-cd)pyrene
Concen: 49.77 ng
RT: 30.22 min Scan# 4516
Delta R.T. -0.08 min
Lab File: BG027300.D
Acq: 8 Jun 2017 1:50

Instrument :
BNA_G
ClientSampleId :
SB-4(7-9)20170604MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	17.2	4.7	7.1#
277	26.2	20.6	31.0

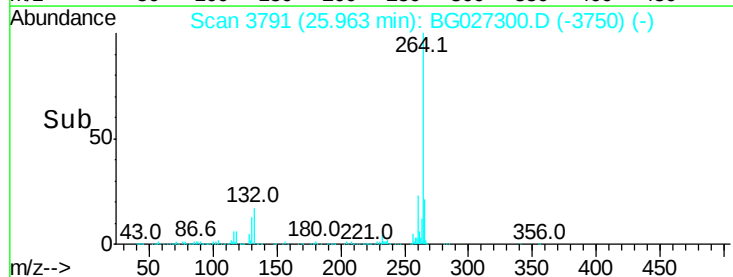
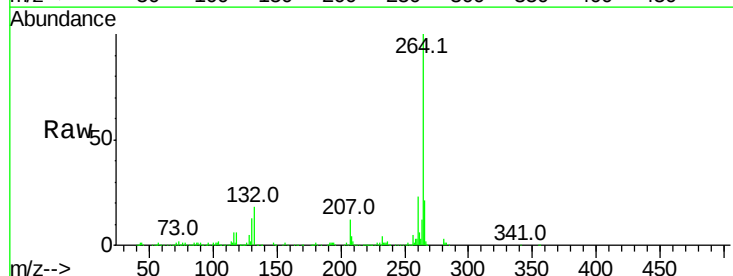
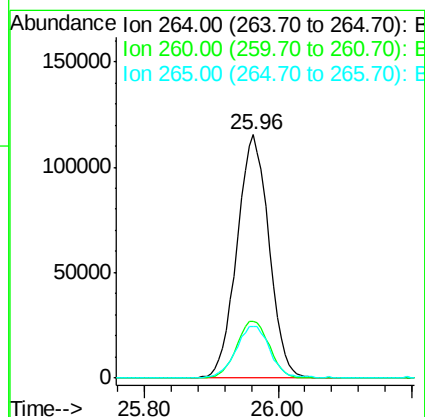
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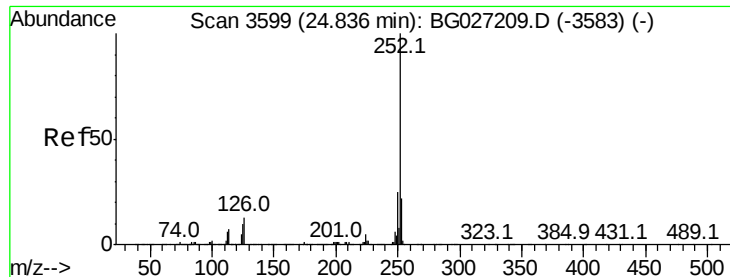
mohammad
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#86
Perylene-d12
Concen: 20.00 ng
RT: 25.96 min Scan# 3791
Delta R.T. -0.06 min
Lab File: BG027300.D
Acq: 8 Jun 2017 1:50

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	21.8	32.8
265	21.2	18.2	27.4





#87

Benzo(b)fluoranthene

Concen: 50.45 ng

RT: 24.78 min Scan# 3590

Delta R.T. -0.05 min

Lab File: BG027300.D

Acq: 8 Jun 2017 1:50

Instrument :

BNA_G

ClientSampleId :

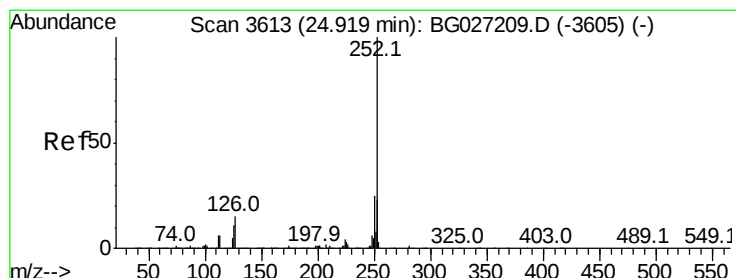
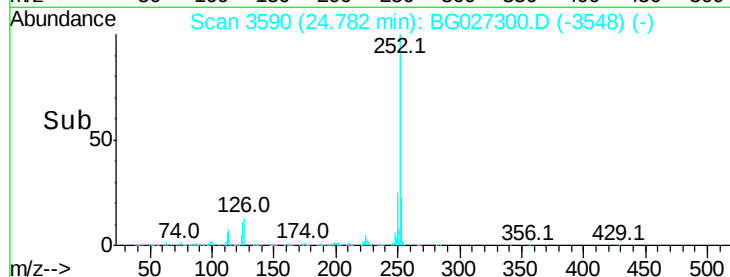
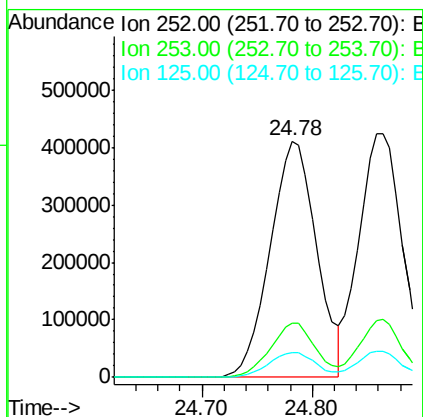
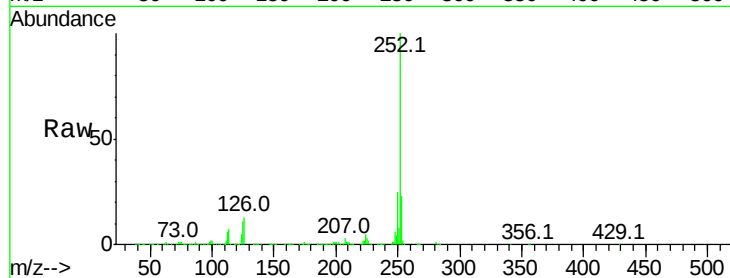
SB-4(7-9)20170604MS

Tot Ion:252 Resp: 1195667

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.7	28.1
125	10.5	5.3	7.9#

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 49.89 ng

RT: 24.86 min Scan# 3604

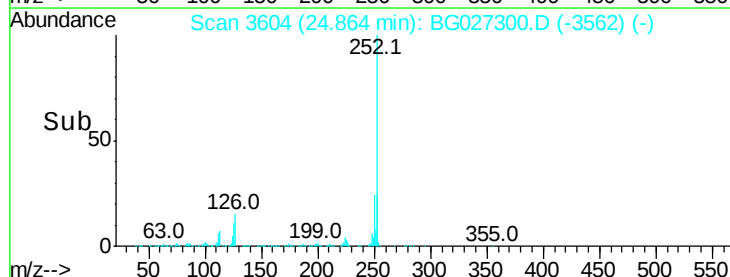
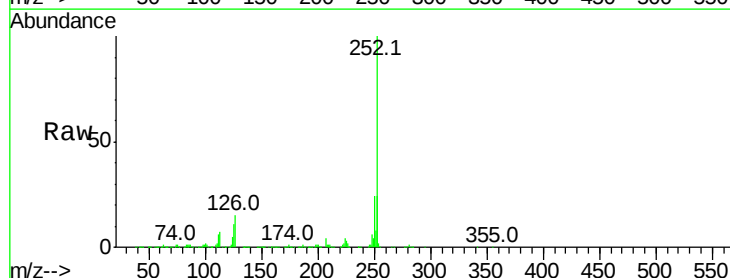
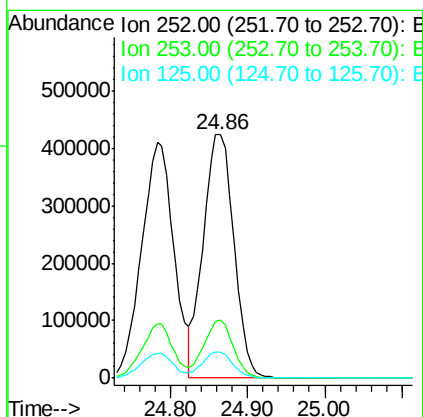
Delta R.T. -0.05 min

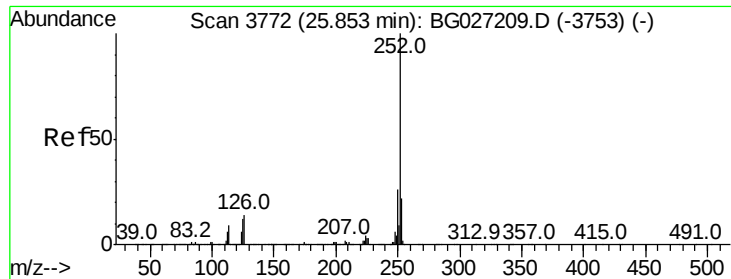
Lab File: BG027300.D

Acq: 8 Jun 2017 1:50

Tgt Ion:252 Resp: 1159811

Ion	Ratio	Lower	Upper
252	100		
253	23.6	20.2	30.2
125	10.9	5.1	7.7#





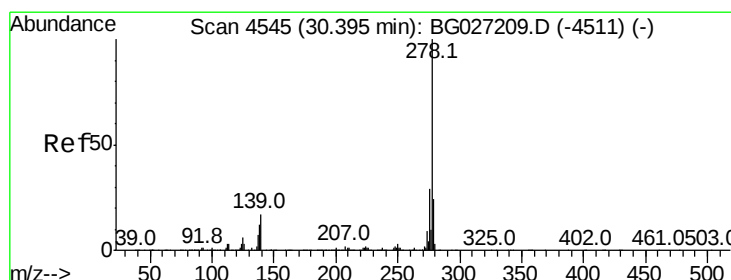
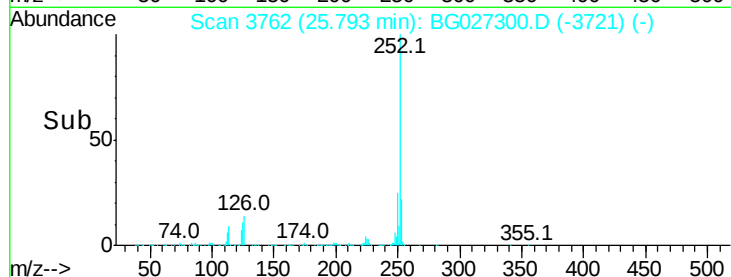
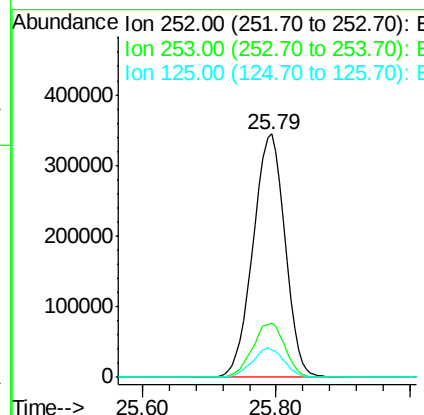
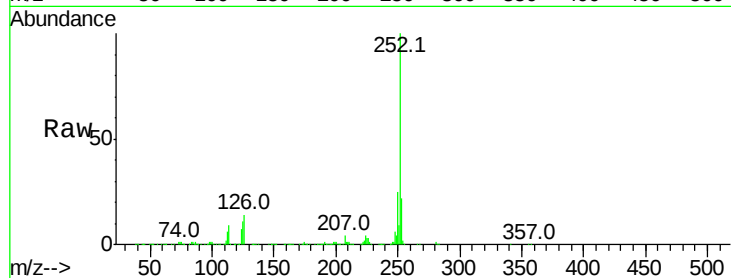
#89
Benzo(a)pyrene
Concen: 50.78 ng
RT: 25.79 min Scan# 3762
Delta R.T. -0.06 min
Lab File: BG027300.D
Acq: 8 Jun 2017 1:50

Instrument :
BNA_G
ClientSampleId :
SB-4(7-9)20170604MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	19.2	28.8
125	11.3	5.4	8.0

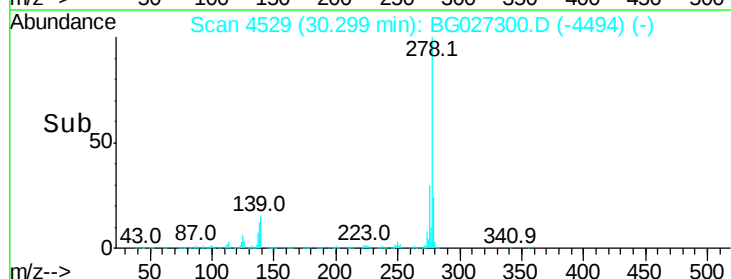
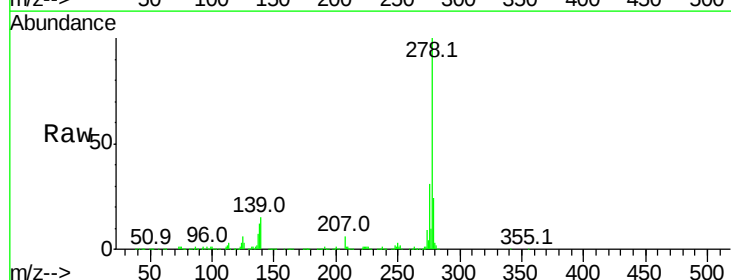
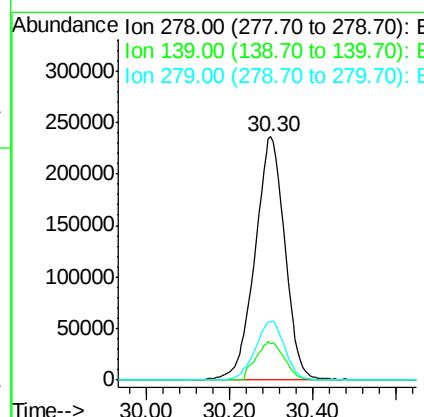
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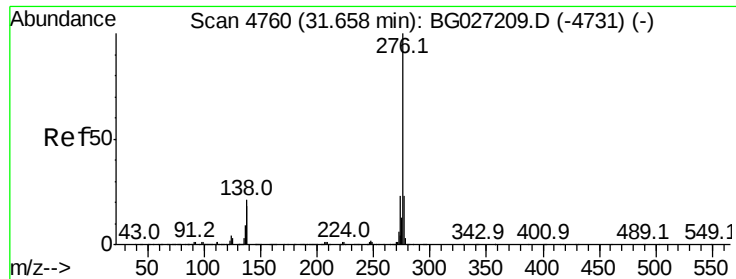
mohammad
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#90
Dibenzo(a,h)anthracene
Concen: 50.57 ng
RT: 30.30 min Scan# 4529
Delta R.T. -0.10 min
Lab File: BG027300.D
Acq: 8 Jun 2017 1:50

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.9	7.7	11.5
279	23.6	19.1	28.7





#91
 Benzo(a,h,i)perylene
 Concen: 49.43 ng
 RT: 31.56 min Scan# 4743
 Delta R.T. -0.10 min
 Lab File: BG027300.D
 Acq: 8 Jun 2017 1:50

Instrument :
 BNA_G
 ClientSampleId :
 SB-4(7-9)20170604MS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.7	18.6	27.8
138	20.6	8.1	12.1

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